

SWISS EPHEMERIS for the year 1789

JANUARY 1789

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	6 44 14	11♌ 7'13	0♋32	27♌48	4♌47	10♌9	26°R33	6♋42	3°R44	23♌9	16♌16	7°R17	5♌58	17♌53	16°R46
F 2	6 48 11	12° 8'24	12°24	29°19	6° 0	10°55	26♌26	6°48	3♌42	23°10	16°17	7♌12	5°55	17°59	16♌43
S 3	6 52 7	13° 9'34	24°21	0♌51	7°14	11°41	26°18	6°53	3°40	23°11	16°19	7° 9	5°52	18° 6	16°40
S 4	6 56 4	14°10'44	6♌26	2°23	8°27	12°27	26°10	6°58	3°37	23°11	16°20	7° 7	5°48	18°13	16°36
M 5	7 0 1	15°11'53	18°45	3°55	9°40	13°13	26° 3	7° 4	3°35	23°12	16°22	7°D 7	5°45	18°19	16°33
T 6	7 3 57	16°13'03	1♌22	5°28	10°54	13°59	25°55	7° 9	3°32	23°13	16°23	7° 8	5°42	18°26	16°30
W 7	7 7 54	17°14'11	14°21	7° 1	12° 7	14°46	25°47	7°15	3°30	23°13	16°25	7° 9	5°39	18°33	16°27
T 8	7 11 50	18°15'19	27°47	8°34	13°21	15°32	25°39	7°20	3°27	23°14	16°26	7°10	5°36	18°40	16°24
F 9	7 15 47	19°16'27	11♌41	10° 8	14°35	16°18	25°31	7°26	3°25	23°14	16°28	7°R11	5°33	18°46	16°21
S 10	7 19 43	20°17'34	26° 3	11°43	15°48	17° 5	25°23	7°32	3°22	23°15	16°30	7° 9	5°29	18°53	16°18
S 11	7 23 40	21°18'40	10♌50	13°18	17° 2	17°51	25°15	7°37	3°20	23°15	16°31	7° 6	5°26	19° 0	16°15
M12	7 27 36	22°19'46	25°54	14°53	18°15	18°37	25° 7	7°43	3°17	23°16	16°33	7° 0	5°23	19° 6	16°12
T 13	7 31 33	23°20'51	11♌6	16°29	19°29	19°24	24°59	7°49	3°15	23°16	16°35	6°53	5°20	19°13	16°10
W14	7 35 30	24°21'56	26° 6	18° 6	20°43	20°10	24°51	7°55	3°12	23°16	16°36	6°45	5°17	19°20	16° 7
T 15	7 39 26	25°23'01	11♌14	19°42	21°57	20°57	24°43	8° 1	3° 9	23°17	16°38	6°38	5°14	19°27	16° 4
F 16	7 43 23	26°24'05	25°51	21°20	23°10	21°43	24°35	8° 7	3° 7	23°17	16°40	6°33	5°10	19°33	16° 2
S 17	7 47 19	27°25'09	10♌4	22°58	24°24	22°30	24°27	8°13	3° 4	23°17	16°41	6°29	5° 7	19°40	15°59
S 18	7 51 16	28°26'12	23°51	24°37	25°38	23°16	24°19	8°20	3° 2	23°18	16°43	6°D28	5° 4	19°47	15°57
M19	7 55 12	29°27'15	7♌12	26°16	26°52	24° 3	24°11	8°26	2°59	23°18	16°45	6°28	5° 1	19°53	15°54
T 20	7 59 9	0♌28'18	20°12	27°56	28° 6	24°50	24° 3	8°32	2°56	23°18	16°46	6°29	4°58	20° 0	15°52
W21	8 3 5	1°29'20	2♌53	29°36	29°20	25°36	23°55	8°38	2°54	23°18	16°48	6°R30	4°54	20° 7	15°50
T 22	8 7 2	2°30'21	15°18	1♌17	0♌34	26°23	23°47	8°45	2°51	23°18	16°50	6°29	4°51	20°14	15°47
F 23	8 10 59	3°31'22	27°33	2°59	1°48	27°10	23°39	8°51	2°49	23°18	16°52	6°27	4°48	20°20	15°45
S 24	8 14 55	4°32'22	9♌39	4°41	3° 2	27°57	23°31	8°58	2°46	23°R18	16°53	6°22	4°45	20°27	15°43
S 25	8 18 52	5°33'22	21°39	6°24	4°16	28°43	23°23	9° 4	2°43	23°18	16°55	6°14	4°42	20°34	15°41
M26	8 22 48	6°34'20	3♌35	8° 8	5°30	29°30	23°16	9°11	2°41	23°18	16°57	6° 4	4°39	20°41	15°39
T 27	8 26 45	7°35'18	15°29	9°52	6°44	0♌17	23° 8	9°17	2°38	23°18	16°59	5°52	4°35	20°47	15°37
W28	8 30 41	8°36'14	27°20	11°37	7°58	1° 4	23° 1	9°24	2°35	23°18	17° 0	5°39	4°32	20°54	15°35
T 29	8 34 38	9°37'09	9♌12	13°22	9°12	1°51	22°53	9°31	2°33	23°18	17° 2	5°26	4°29	21° 1	15°34
F 30	8 38 34	10°38'03	21° 6	15° 8	10°26	2°38	22°46	9°37	2°30	23°17	17° 4	5°15	4°26	21° 7	15°32
S 31	8 42 31	11°38'56	3♌4	16°55	11♌40	3♌25	22°38	9♌44	2♌28	23♌17	17♌6	5♌6	4♌23	21♌14	15♌31

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	23s 0	6s28	5n 9	23s58	0s31	19s20	1n49	23s56	0s52	21n17	0n26	10s44	1s48	19n56	0n37	7s26	1n41	24s 5	8s30	21s33	21s20	10s50	16n59	5s51
F 2	22 55	2 8	5 10	24 6	0 38	19 35	1 46	23 53	0 52	21 19	0 26	10 42	1 48	19 57	0 37	7 27	1 41	24 4	8 30	21 32	21 19	10 47	16 59	5 51
S 3	22 49	2n18	4 57	24 12	0 45	19 50	1 44	23 49	0 52	21 20	0 26	10 40	1 48	19 58	0 37	7 27	1 42	24 4	8 30	21 32	21 18	10 45	16 58	5 51
S 4	22 43	6 43	4 32	24 17	0 51	20 3	1 42	23 45	0 53	21 22	0 26	10 38	1 48	19 58	0 37	7 27	1 42	24 3	8 30	21 31	21 18	10 43	16 58	5 51
M 5	22 36	10 56	3 53	24 21	0 57	20 17	1 40	23 41	0 53	21 24	0 26	10 36	1 48	19 59	0 37	7 27	1 42	24 2	8 30	21 31	21 17	10 41	16 58	5 51
T 6	22 29	14 48	3 2	24 24	1 3	20 29	1 38	23 37	0 54	21 25	0 26	10 34	1 48	19 59	0 37	7 27	1 42	24 2	8 30	21 31	21 17	10 38	16 58	5 51
W 7	22 21	18 5	2 1	24 25	1 9	20 42	1 35	23 32	0 54	21 27	0 27	10 32	1 48	20 0	0 37	7 27	1 42	24 1	8 30	21 32	21 16	10 36	16 58	5 51
T 8	22 13	20 31	0 51	24 25	1 14	20 53	1 33	23 28	0 54	21 28	0 27	10 30	1 48	20 0	0 37	7 28	1 42	24 1	8 30	21 32	21 16	10 34	16 58	5 50
F 9	22 5	21 48	0s24	24 24	1 19	21 4	1 31	23 22	0 55	21 30	0 27	10 27	1 48	20 1	0 37	7 28	1 42	24 0	8 30	21 32	21 15	10 32	16 57	5 50
S 10	21 56	21 44	1 40	24 21	1 24	21 15	1 28	23 17	0 55	21 32	0 27	10 25	1 48	20 2	0 37	7 28	1 42	24 0	8 30	21 32	21 15	10 29	16 57	5 50
S 11	21 47	20 10	2 52	24 17	1 29	21 25	1 26	23 11	0 55	21 33	0 27	10 23	1 47	20 2	0 37	7 28	1 42	23 59	8 30	21 31	21 14	10 27	16 57	5 50
M12	21 37	17 11	3 52	24 11	1 34	21 34	1 23	23 5	0 56	21 35	0 27	10 21	1 47	20 3	0 37	7 28	1 42	23 59	8 30	21 30	21 13	10 25	16 57	5 50
T 13	21 27	13 1	4 37	24 4	1 38	21 43	1 20	22 59	0 56	21 36	0 27	10 18	1 47	20 4	0 37	7 28	1 42	23 58	8 30	21 29	21 13	10 22	16 57	5 50
W14	21 16	8 2	5 2	23 55	1 42	21 51	1 18	22 53	0 56	21 38	0 28	10 16	1 47	20 4	0 37	7 28	1 42	23 58	8 30	21 28	21 12	10 20	16 57	5 49
T 15	21 5	2 38	5 6	23 45	1 46	21 58	1 15	22 46	0 57	21 40	0 28	10 14	1 47	20 5	0 37	7 28	1 42	23 57	8 30	21 27	21 12	10 18	16 57	5 49
F 16	20 54	2s47	4 50	23 34	1 49	22 5	1 12	22 39	0 57	21 41	0 28	10 11	1 47	20 5	0 37	7 28	1 42	23 56	8 30	21 26	21 11	10 16	16 57	5 49
S 17	20 42	7 55	4 17	23 21	1 52	22 11	1 10	22 32	0 58	21 43	0 28	10 9	1 47	20 6	0 37	7 28	1 42	23 56	8 30	21 25	21 11	10 13	16 57	5 49
S 18	20 30	12 30	3 29	23 7	1 55	22 17	1 7	22 24	0 58	21 44	0 28	10 7	1 47	20 7	0 37	7 28	1 42	23 55	8 30	21 25	21 10	10 11	16 57	5 48
M19	20 17	16 18	2 31	22 51	1 57	22 22	1 4	22 17	0 58	21 46	0 28	10 4	1 47	20 7	0 37	7 28	1 42	23 55	8 30	21 25	21 9	10 9	16 57	5 48
T 20	20 4	19 12	1 26	22 33	2 0	22 26	1 1	22 9	0 58	21 47	0 28	10 2	1 47	20 8	0 37	7 28	1 43	23 54	8 30	21 25	21 9	10 6	16 57	5 48
W21	19 51	21 4	0 19	22 14	2 1	22 29	0 58	22 0	0 59	21 49	0 28	9 59	1 47	20 8	0 37	7 28	1 43	23 54	8 30	21 25	21 8	10 4	16 57	5 48
T 22	19 37	21 52	0n47	21 53	2 3	22 32	0 56	21 52	0 59	21 50	0 29	9 57	1 47	20 9	0 37	7 28	1 43	23 53	8 30	21 25	21 8	10 2	16 57	5 47
F 23	19 23	21 36	1 50	21 31	2 4	22 35	0 53	21 43	0 59	21 52	0 29	9 54	1 47	20 10	0 37	7 28	1 43	23 53	8 30	21 25	21 7	10 0	16 57	5 47
S 24	19 9	20 20	2 48	21 8	2 5	22 36	0 50	21 34	1 0	21 53	0 29	9 52	1 47	20 10	0 37	7 28	1 43	23 52	8 30	21 24	21 7	9 57	16 57	5 47
S 25	18 54	18 9	3 37	20 42	2 5	22 37	0 47	21 25	1 0	21 55	0 29	9 49	1 47	20 11	0 37	7 28	1 43	23 52	8 30	21 22	21 6	9 55	16 57	5 47
M26	18 39	15 13	4 16	20 15	2 5	22 37	0 44	21 16	1 0	21 56	0 29	9 47	1 47	20 11	0 37	7 28	1 43	23 51	8 30	21 21	21 5	9 53	16 57	5 46
T 27	18 24	11 41	4 44	19 47	2 4	22 37	0 41	21 6	1 1	21 57	0 29	9 44	1 47	20 12	0 37	7 28	1 43	23 50	8 30	21 18	21 5	9 50	16 57	5 46
W28	18 8	7 43	4 59	19 17	2 3	22 36	0 38	20 56	1 1	21 59	0 29	9 42	1 46	20 13	0 37	7 28	1 43	23 50	8 30	21 16	21 4	9 48	16 57	5 46
T 29	17 52	3 28	5 2	18 46	2 1	2																		

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	8 46 28	12 ^h 39'47"	15 ^h 9'	18 ^h 42'	12 ^h 54'	4 ^h 12'	22°R31	9 ^h 51'	2°R25	23°R17	17 ^h 8'	5°R 0	4 ^h 20'	21 ^h 21'	15°R29
M 2	8 50 24	13°40'37"	27°26'	20°29'	14° 8'	4°59'	22 ^h 24'	9°58'	2 ^h 23'	23 ^h 17'	17° 9'	4 ^h 56'	4°16'	21°28'	15 ^h 28'
T 3	8 54 21	14°41'26"	9 ^h 57'	22°17'	15°23'	5°46'	22°17'	10° 5'	2°20'	23°16'	17°11'	4°D55'	4°13'	21°34'	15°26'
W 4	8 58 17	15°42'13"	22°49'	24° 5'	16°37'	6°33'	22°10'	10°12'	2°17'	23°16'	17°13'	4°55'	4°10'	21°41'	15°25'
T 5	9 2 14	16°42'58"	6 ^h 11'	25°53'	17°51'	7°20'	22° 4'	10°19'	2°15'	23°16'	17°15'	4°R55'	4° 7'	21°48'	15°24'
F 6	9 6 10	17°43'42"	19°49'	27°41'	19° 5'	8° 7'	21°57'	10°26'	2°12'	23°15'	17°16'	4°54'	4° 4'	21°54'	15°23'
S 7	9 10 7	18°44'25"	4 ^h 33'	29°29'	20°19'	8°54'	21°50'	10°33'	2°10'	23°15'	17°18'	4°51'	4° 0'	22° 1'	15°22'
S 8	9 14 3	19°45'05"	18°45'	1 ^h 16'	21°33'	9°41'	21°44'	10°40'	2° 7'	23°14'	17°20'	4°46'	3°57'	22° 8'	15°21'
M 9	9 18 0	20°45'45"	3 ^h 36'	3° 3'	22°48'	10°28'	21°38'	10°47'	2° 5'	23°14'	17°22'	4°37'	3°54'	22°15'	15°20'
T 10	9 21 57	21°46'22"	19° 9'	4°49'	24° 2'	11°15'	21°32'	10°54'	2° 3'	23°13'	17°24'	4°27'	3°51'	22°21'	15°19'
W 11	9 25 53	22°46'58"	4 ^h 31'	6°33'	25°16'	12° 2'	21°26'	11° 1'	2° 0'	23°12'	17°25'	4°16'	3°48'	22°28'	15°18'
T 12	9 29 50	23°47'33"	19°45'	8°16'	26°30'	12°49'	21°20'	11° 8'	1°58'	23°12'	17°27'	4° 5'	3°45'	22°35'	15°18'
F 13	9 33 46	24°48'06"	4 ^h 40'	9°56'	27°44'	13°36'	21°14'	11°15'	1°55'	23°11'	17°29'	3°56'	3°41'	22°41'	15°17'
S 14	9 37 43	25°48'38"	19° 8'	11°34'	28°59'	14°23'	21° 9'	11°22'	1°53'	23°11'	17°31'	3°49'	3°38'	22°48'	15°17'
S 15	9 41 39	26°49'09"	3 ^h 11'	13° 9'	0 ^h 13'	15°11'	21° 3'	11°30'	1°51'	23°10'	17°32'	3°45'	3°35'	22°55'	15°16'
M 16	9 45 36	27°49'38"	16°35'	14°40'	1°27'	15°58'	20°58'	11°37'	1°49'	23° 9'	17°34'	3°43'	3°32'	23° 2'	15°16'
T 17	9 49 32	28°50'07"	29°37'	16° 6'	2°41'	16°45'	20°53'	11°44'	1°46'	23° 8'	17°36'	3°43'	3°29'	23° 8'	15°16'
W 18	9 53 29	29°50'33"	12 ^h 16'	17°28'	3°56'	17°32'	20°48'	11°51'	1°44'	23° 7'	17°38'	3°43'	3°26'	23°15'	15°16'
T 19	9 57 26	0 ^h 50'59"	24°37'	18°44'	5°10'	18°19'	20°44'	11°59'	1°42'	23° 7'	17°39'	3°42'	3°22'	23°22'	15°D15'
F 20	10 1 22	1°51'23"	6 ^h 35'	19°54'	6°24'	19° 7'	20°39'	12° 6'	1°40'	23° 6'	17°41'	3°38'	3°19'	23°29'	15°15'
S 21	10 5 19	2°51'46"	18°44'	20°56'	7°38'	19°54'	20°35'	12°13'	1°38'	23° 5'	17°43'	3°32'	3°16'	23°35'	15°16'
S 22	10 9 15	3°52'07"	0 ^h 38'	21°52'	8°53'	20°41'	20°31'	12°20'	1°35'	23° 4'	17°45'	3°23'	3°13'	23°42'	15°16'
M 23	10 13 12	4°52'27"	12°29'	22°39'	10° 7'	21°28'	20°27'	12°28'	1°33'	23° 3'	17°46'	3°11'	3°10'	23°49'	15°16'
T 24	10 17 8	5°52'44"	24°20'	23°17'	11°21'	22°15'	20°23'	12°35'	1°31'	23° 2'	17°48'	2°57'	3° 6'	23°55'	15°16'
W 25	10 21 5	6°53'00"	6 ^h 13'	23°47'	12°36'	23° 3'	20°19'	12°42'	1°29'	23° 1'	17°50'	2°42'	3° 3'	24° 2'	15°17'
T 26	10 25 1	7°53'15"	18° 9'	24° 7'	13°50'	23°50'	20°16'	12°50'	1°27'	23° 0'	17°52'	2°27'	3° 0'	24° 9'	15°17'
F 27	10 28 58	8°53'27"	0 ^h 8'	24°18'	15° 4'	24°37'	20°12'	12°57'	1°25'	22°59'	17°53'	2°14'	2°57'	24°16'	15°18'
S 28	10 32 55	9 ^h 53'38"	12 ^h 13'	24°R19	16 ^h 18'	25 ^h 24'	20 ^h 9'	13 ^h 4'	1 ^h 23'	22 ^h 58'	17 ^h 55'	2 ^h 3'	2 ^h 54'	24 ^h 22'	15 ^h 18'

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	17s 2	9n32	3n52	17s 2	1s53	22s24	0n26	20s14	1s 2	22n 4	0n30	9s31	1s46	20n15	0n37	7s27	1n43	23s48	8s30	21s 9	21s 2	9s39	16n58	5s45
M 2	16 44	13 27	3 5	16 24	1 49	22 20	0 23	20 3	1 2	22 5	0 30	9 29	1 46	20 16	0 37	7 27	1 43	23 47	8 30	21 9	21 1	9 37	16 58	5 44
T 3	16 27	16 51	2 8	15 45	1 45	22 14	0 20	19 52	1 2	22 7	0 30	9 26	1 46	20 16	0 37	7 27	1 43	23 47	8 30	21 8	21 1	9 34	16 58	5 44
W 4	16 9	19 32	1 4	15 5	1 40	22 9	0 17	19 40	1 3	22 8	0 30	9 24	1 46	20 17	0 37	7 27	1 43	23 46	8 30	21 8	21 0	9 32	16 58	5 44
T 5	15 51	21 15	0s 6	14 23	1 35	22 2	0 15	19 28	1 3	22 9	0 30	9 21	1 46	20 17	0 37	7 27	1 44	23 46	8 30	21 8	21 0	9 30	16 58	5 43
F 6	15 32	21 47	1 18	13 40	1 28	21 55	0 12	19 16	1 3	22 10	0 30	9 18	1 46	20 18	0 37	7 26	1 44	23 45	8 30	21 8	20 59	9 27	16 59	5 43
S 7	15 13	20 56	2 28	12 56	1 21	21 47	0 9	19 4	1 3	22 11	0 30	9 16	1 46	20 18	0 37	7 26	1 44	23 45	8 30	21 8	20 58	9 25	16 59	5 43
S 8	14 55	18 41	3 30	12 11	1 14	21 39	0 6	18 52	1 3	22 12	0 30	9 13	1 46	20 19	0 37	7 26	1 44	23 44	8 30	21 7	20 58	9 23	16 59	5 42
M 9	14 35	15 7	4 19	11 25	1 6	21 29	0 3	18 39	1 4	22 13	0 30	9 10	1 46	20 20	0 37	7 26	1 44	23 44	8 30	21 5	20 57	9 20	16 59	5 42
T 10	14 16	10 30	4 50	10 38	0 57	21 20	0 0	18 27	1 4	22 14	0 30	9 7	1 46	20 20	0 37	7 25	1 44	23 43	8 30	21 3	20 57	9 18	17 0	5 42
W 11	13 56	5 12	5 1	9 51	0 47	21 9	0s 3	18 14	1 4	22 15	0 30	9 5	1 46	20 21	0 37	7 25	1 44	23 43	8 30	21 1	20 56	9 16	17 0	5 41
T 12	13 36	0s23	4 50	9 3	0 36	20 58	0 6	18 1	1 4	22 16	0 30	9 2	1 46	20 21	0 37	7 25	1 44	23 42	8 31	20 59	20 55	9 13	17 0	5 41
F 13	13 16	5 49	4 19	8 15	0 25	20 46	0 8	17 47	1 4	22 17	0 31	8 59	1 46	20 22	0 37	7 25	1 44	23 42	8 31	20 57	20 55	9 11	17 0	5 41
S 14	12 56	10 46	3 32	7 26	0 14	20 34	0 11	17 34	1 5	22 18	0 31	8 57	1 46	20 22	0 37	7 24	1 44	23 41	8 31	20 56	20 54	9 9	17 1	5 40
S 15	12 35	14 59	2 34	6 39	0 1	20 21	0 14	17 20	1 5	22 19	0 31	8 54	1 46	20 23	0 37	7 24	1 44	23 41	8 31	20 55	20 54	9 7	17 1	5 40
M 16	12 14	18 14	1 29	5 52	0n12	20 8	0 17	17 6	1 5	22 20	0 31	8 51	1 46	20 23	0 37	7 24	1 44	23 40	8 31	20 55	20 53	9 4	17 1	5 40
T 17	11 54	20 27	0 22	5 6	0 26	19 54	0 19	16 52	1 5	22 21	0 31	8 48	1 46	20 24	0 37	7 23	1 44	23 40	8 31	20 55	20 52	9 2	17 2	5 39
W 18	11 32	21 33	0n45	4 21	0 40	19 39	0 22	16 38	1 5	22 22	0 31	8 46	1 46	20 24	0 37	7 23	1 44	23 39	8 31	20 55	20 52	9 0	17 2	5 39
T 19	11 11	21 33	1 48	3 38	0 54	19 24	0 25	16 23	1 5	22 22	0 31	8 43	1 46	20 25	0 37	7 23	1 44	23 39	8 31	20 55	20 51	8 57	17 2	5 39
F 20	10 50	20 33	2 45	2 57	1 9	19 8	0 27	16 9	1 5	22 23	0 31	8 40	1 46	20 25	0 37	7 22	1 44	23 39	8 31	20 54	20 51	8 55	17 3	5 38
S 21	10 28	18 38	3 34	2 19	1 24	18 52	0 30	15 54	1 6	22 24	0 31	8 37	1 46	20 26	0 37	7 22	1 44	23 38	8 31	20 53	20 50	8 53	17 3	5 38
S 22	10 6	15 56	4 13	1 43	1 39	18 35	0 32	15 39	1 6	22 25	0 31	8 34	1 46	20 26	0 37	7 21	1 44	23 38	8 32	20 51	20 49	8 50	17 3	5 38
M 23	9 44	12 35	4 40	1 11	1 54	18 17	0 35	15 24	1 6	22 25	0 31	8 32	1 46	20 27	0 37	7 21	1 45	23 37	8 32	20 49	20 49	8 48	17 4	5 37
T 24	9 22	8 46	4 56	0 42	2 8	17 59	0 37	15 9	1 6	22 26	0 31	8 29	1 46	20 27	0 37	7 21	1 45	23 37	8 32	20 46	20 48	8 46	17 4	5 37
W 25	9 0	4 37	4 59	0 18	2 22	17 41	0 40	14 53	1 6	22 26	0 31	8 26	1 46	20 27	0 37	7 20	1 45	23 36	8 32	20 43	20 47	8 43	17 4	5 37
T 26	8 37	0 16	4 48	0n 3	2 36	17 22	0 42	14 38	1 6	22 27	0 31	8 23	1 46	20 28	0 37	7 20	1 45	23 36	8 32	20 40	20 47	8 41	17 5	5 36
F 27	8 15	4n 6	4 25	0 19	2 49	17 2	0 44	14 22	1 6	22 28	0 31	8 20	1 46	20 28	0 37	7 19	1 45	23 36	8 32	20 38	20 46	8 39	17 5	5 36
S 28	7s52	8n21	3n50	0n30	3n 0	16s42	0s47	14s 6	1s 6	22n28	0n31	8s18	1s46	20n29	0n37	7s19	1n45	23s35	8s32	20s36	20s46	8s37	17n 6	5s36

Julian Day Number = 2374510.5, Delta T = 16.50 sec
 Ecliptic obliquity = 23°27'56", Nutation = 0°00'17"
 Ayanamsha: Fagan/Bradley = 21°47'44", Lahiri = 20°54'44"Greg. Calendar

SWISS EPHEMERIS for the year 1789

MARCH 1789

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	10 36 51	10 ^h 53'46"	24 ^h 07'25"	24°R11	17 ^h 33'33"	26 ^h 12'12"	20°R 6	13 ^h 12'12"	1°R22	22°R57	17 ^h 55'57"	1°R55	2 ^h 51'51"	24 ^h 29'29"	15 ^h 11'19"								
M 2	10 40 48	11°53'53"	6 ^h 34'47"	23 ^h 54'54"	18°47'	26°59'	20 ^h 4	13°19'	1°18	22°55	17°58'	1°48	2°44'	24°42'	15°21'								
T 3	10 44 44	12°53'57"	19°21'	23°29'	20° 1'	27°46'	20° 1'	13°27'	1°18	22°55	18° 0'	1°48	2°44'	24°42'	15°21'								
W 4	10 48 41	13°54'00"	2 ^h 11'12"	22°55'	21°16'	28°33'	19°59'	13°34'	1°16	22°53	18° 1'	1°D47	2°41'	24°49'	15°22'								
T 5	10 52 37	14°54'00"	15°23'	22°15'	22°30'	29°21'	19°57'	13°41'	1°15	22°52	18° 3'	1°R47	2°38'	24°56'	15°23'								
F 6	10 56 34	15°53'58"	28°57'	21°28'	23°44'	0 ^h 8'	19°55'	13°49'	1°13	22°51	18° 5'	1°47	2°35'	25° 3'	15°24'								
S 7	11 0 30	16°53'54"	12 ^h 58'58"	20°37'	24°58'	0°55'	19°53'	13°56'	1°11	22°50	18° 6'	1°45	2°31'	25° 9'	15°25'								
S 8	11 4 27	17°53'47"	27°24'	19°42'	26°13'	1°42'	19°51'	14° 3'	1°10	22°48	18° 8'	1°40	2°28'	25°16'	15°27'								
M 9	11 8 24	18°53'39"	12 ^h 01'14"	18°44'	27°27'	2°29'	19°50'	14°11'	1° 8	22°47	18°10'	1°32	2°25'	25°23'	15°28'								
T 10	11 12 20	19°53'28"	27°21'	17°46'	28°41'	3°17'	19°49'	14°18'	1° 7	22°46	18°11'	1°23	2°22'	25°30'	15°29'								
W 11	11 16 17	20°53'15"	12 ^h 09'35"	16°48'	29°55'	4° 4'	19°48'	14°25'	1° 5	22°45	18°13'	1°12	2°19'	25°36'	15°31'								
T 12	11 20 13	21°53'00"	27°47'	15°51'	1 ^h 10'	4°51'	19°47'	14°33'	1° 4	22°43	18°14'	1° 2	2°16'	25°43'	15°33'								
F 13	11 24 10	22°52'43"	12 ^h 04'44"	14°58'	2°24'	5°38'	19°46'	14°40'	1° 3	22°42	18°16'	0°53	2°12'	25°50'	15°34'								
S 14	11 28 6	23°52'24"	27°19'	14° 7'	3°38'	6°25'	19°46'	14°47'	1° 1	22°41	18°17'	0°47	2° 9'	25°56'	15°36'								
S 15	11 32 3	24°52'03"	11 ^h 08'27"	13°22'	4°52'	7°12'	19°46'	14°55'	1° 0	22°39	18°19'	0°43	2° 6'	26° 3'	15°38'								
M 16	11 35 59	25°51'41"	25° 4'	12°41'	6° 6'	8° 0'	19°D46	15° 2'	0°59	22°38	18°20'	0°D41	2° 3'	26°10'	15°40'								
T 17	11 39 56	26°51'17"	8 ^h 37'14"	12° 6'	7°21'	8°47'	19°46'	15° 9'	0°58	22°36	18°22'	0°41	2° 0'	26°17'	15°42'								
W 18	11 43 52	27°50'51"	20°58'	11°36'	8°35'	9°34'	19°46'	15°17'	0°57	22°35	18°23'	0°42	1°57'	26°23'	15°44'								
T 19	11 47 49	28°50'23"	3 ^h 32'22"	11°13'	9°49'	10°21'	19°47'	15°24'	0°56	22°33	18°25'	0°R42	1°53'	26°30'	15°46'								
F 20	11 51 46	29°49'54"	15°31'	10°56'	11° 3'	11° 8'	19°48'	15°31'	0°55	22°32	18°26'	0°41	1°50'	26°37'	15°48'								
S 21	11 55 42	0 ^h 49'22"	27°29'	10°44'	12°18'	11°55'	19°49'	15°38'	0°54	22°30	18°27'	0°37	1°47'	26°43'	15°50'								
S 22	11 59 39	1°48'49"	9 ^h 32'22"	10°D39	13°32'	12°42'	19°50'	15°45'	0°53	22°29	18°29'	0°31	1°44'	26°50'	15°53'								
M 23	12 3 35	2°48'14"	21°12'	10°40'	14°46'	13°29'	19°51'	15°53'	0°52	22°27	18°30'	0°23	1°41'	26°57'	15°55'								
T 24	12 7 32	3°47'38"	3 ^h 4'	10°46'	16° 0'	14°16'	19°53'	16° 0'	0°51	22°26	18°31'	0°13	1°37'	27° 4'	15°58'								
W 25	12 11 28	4°46'59"	14°59'	10°58'	17°14'	15° 3'	19°54'	16° 7'	0°50	22°24	18°33'	0° 2	1°34'	27°10'	16° 0'								
T 26	12 15 25	5°46'18"	27° 1'	11°14'	18°29'	15°50'	19°56'	16°14'	0°50	22°23	18°34'	29 ^h 05'11"	1°31'	27°17'	16° 3'								
F 27	12 19 21	6°45'35"	9 ^h 9'	11°36'	19°43'	16°37'	19°58'	16°21'	0°49	22°21	18°35'	29°41'	1°28'	27°24'	16° 6'								
S 28	12 23 18	7°44'50"	21°25'	12° 3'	20°57'	17°24'	20° 1'	16°28'	0°48	22°20	18°37'	29°33'	1°25'	27°31'	16° 8'								
S 29	12 27 15	8°44'03"	3 ^h 51'	12°34'	22°11'	18°11'	20° 3'	16°35'	0°48	22°18	18°38'	29°28'	1°22'	27°37'	16°11'								
M 30	12 31 11	9°43'14"	16°26'	13° 9'	23°25'	18°58'	20° 6'	16°42'	0°47	22°16	18°39'	29°25'	1°18'	27°44'	16°14'								
T 31	12 35 8	10 ^h 42'23"	29 ^h 01'14"	13 ^h 38'48"	24 ^h 39'	19 ^h 45'	20 ^h 8'	16 ^h 49'	0 ^h 47	22 ^h 15	18 ^h 40'	29 ^h D24	1 ^h 15'	27 ^h 55'	16 ^h 17'								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s29	12n19	3n 4	0n37	3n11	16s22	0s49	13s50	1s 6	22n29	0n31	8s15	1s46	20n29	0n37	7s19	1n45	23s35	8s33	20s34	20s45	8s34	17n 6	5s35
M 2	7 6 15	48 2 8	0 39	3 20	16 1	0 51	13 34	1 6	22 29	0 31	8 12	1 46	20 29	0 37	7 18	1 45	23 34	8 33	20 33	20 44	8 32	17 7	5 35	
T 3	6 43 18	38 1 5	0 35	3 28	15 40	0 53	13 18	1 6	22 29	0 31	8 9	1 47	20 30	0 37	7 18	1 45	23 34	8 33	20 33	20 44	8 30	17 7	5 34	
W 4	6 20 20	35 0s 2	0 28	3 34	15 18	0 55	13 2	1 6	22 30	0 31	8 6	1 47	20 30	0 37	7 17	1 45	23 34	8 33	20 33	20 43	8 27	17 7	5 34	
T 5	5 57 21	29 1 11	0 15	3 38	14 56	0 57	12 45	1 6	22 30	0 31	8 4	1 47	20 31	0 37	7 17	1 45	23 33	8 33	20 33	20 43	8 25	17 8	5 34	
F 6	5 34 21	9 2 19	0s 1	3 40	14 33	0 59	12 28	1 6	22 30	0 31	8 1	1 47	20 31	0 37	7 16	1 45	23 33	8 33	20 32	20 42	8 23	17 8	5 33	
S 7	5 11 19	31 3 20	0 21	3 40	14 10	1 1	12 12	1 6	22 31	0 32	7 58	1 47	20 31	0 37	7 16	1 45	23 33	8 33	20 32	20 41	8 20	17 9	5 33	
S 8	4 47 16	37 4 10	0 45	3 38	13 47	1 3	11 55	1 6	22 31	0 32	7 55	1 47	20 32	0 37	7 15	1 45	23 32	8 34	20 31	20 41	8 18	17 9	5 33	
M 9	4 24 12	35 4 45	1 11	3 34	13 23	1 5	11 38	1 6	22 31	0 32	7 53	1 47	20 32	0 37	7 15	1 45	23 32	8 34	20 30	20 40	8 16	17 10	5 32	
T 10	4 0 7	42 5 1	1 39	3 28	12 59	1 6	11 21	1 6	22 31	0 32	7 50	1 47	20 32	0 37	7 14	1 45	23 32	8 34	20 28	20 39	8 13	17 10	5 32	
W 11	3 37 2	17 4 56	2 9	3 20	12 34	1 8	11 4	1 6	22 32	0 32	7 47	1 47	20 32	0 37	7 14	1 45	23 31	8 34	20 25	20 39	8 11	17 11	5 32	
T 12	3 13 3s14	4 30 2 39	3 10	12 10	1 10	10 46	1 6	22 32	0 32	7 44	1 47	20 33	0 37	7 13	1 45	23 31	8 34	20 23	20 38	8 9	17 11	5 31		
F 13	2 50 8	30 3 46	3 10	2 59	11 44	1 11	10 29	1 6	22 32	0 32	7 41	1 47	20 33	0 37	7 13	1 45	23 31	8 35	20 22	20 38	8 6	17 12	5 31	
S 14	2 26 13	8 2 47	3 41	2 47	11 19	1 13	10 12	1 6	22 32	0 32	7 39	1 47	20 33	0 37	7 12	1 45	23 30	8 35	20 20	20 37	8 4	17 12	5 31	
S 15	2 2 16	52 1 41	4 10	2 34	10 53	1 14	9 54	1 6	22 32	0 32	7 36	1 47	20 34	0 37	7 11	1 45	23 30	8 35	20 19	20 36	8 2	17 13	5 30	
M 16	1 39 19	32 0 30	4 39	2 20	10 27	1 16	9 36	1 6	22 32	0 32	7 33	1 47	20 34	0 37	7 11	1 45	23 30	8 35	20 19	20 36	7 59	17 13	5 30	
T 17	1 15 21	3 0n40	5 6	2 6	10 1	1 17	9 19	1 6	22 32	0 32	7 30	1 47	20 34	0 37	7 10	1 45	23 29	8 35	20 19	20 35	7 57	17 14	5 30	
W 18	0 51 21	24 1 46	5 31	1 51	9 34	1 18	9 1	1 6	22 32	0 32	7 28	1 47	20 34	0 37	7 10	1 45	23 29	8 35	20 19	20 34	7 55	17 15	5 29	
T 19	0 28 20	40 2 45	5 54	1 36	9 7	1 19	8 43	1 6	22 32	0 32	7 25	1 48	20 34	0 37	7 9	1 45	23 29	8 36	20 19	20 34	7 52	17 15	5 29	
F 20	0 4 19	0 3 35	6 14	1 20	8 40	1 20	8 25	1 6	22 32	0 32	7 22	1 48	20 35	0 37	7 9	1 46	23 29	8 36	20 19	20 33	7 50	17 16	5 29	
S 21	0n20	16 31 4 15	6 33	1 5	8 13	1 22	8 7	1 6	22 32	0 32	7 19	1 48	20 35	0 37	7 8	1 46	23 28	8 36	20 18	20 32	7 48	17 16	5 28	
S 22	0 43 13	22 4 44	6 48	0 50	7 45	1 23	7 49	1 6	22 31	0 32	7 17	1 48	20 35	0 37	7 7	1 46	23 28	8 36	20 17	20 32	7 45	17 17	5 28	
M 23	1 7 9	42 5 0	7 2	0 35	7 17	1 23	7 31	1 6	22 31	0 32	7 14	1 48												

SWISS EPHEMERIS for the year 1789

APRIL 1789

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
W 1	12 39 4	11°41'30	12°11'14	14°31'31	25°35'54	20°32'32	20°25'11	16°35'56	0°R47	22°R13	18°34'42	29°M25	1°12'12	27°35'57	16°II20
T 2	12 43 1	12°40'34	25°31	15°18	27° 8	21°19	20°15	17° 3	0°L46	22°L12	18°43	29°26	1° 9	28° 4	16°23
F 3	12 46 57	13°39'36	9°52 5	16° 8	28°22	22° 6	20°18	17°10	0°46	22°10	18°44	29°R27	1° 6	28°11	16°26
S 4	12 50 54	14°38'35	22°59	17° 1	29°36	22°52	20°22	17°17	0°46	22° 8	18°45	29°27	1° 2	28°18	16°30
S 5	12 54 50	15°37'32	7°Ω11	17°57	0°Υ50	23°39	20°25	17°23	0°46	22° 7	18°46	29°25	0°59	28°24	16°33
M 6	12 58 47	16°36'27	21°42	18°56	2° 4	24°26	20°29	17°30	0°46	22° 5	18°47	29°21	0°56	28°31	16°36
T 7	13 2 44	17°35'20	6°Π26	19°58	3°18	25°13	20°33	17°37	0°45	22° 4	18°48	29°16	0°53	28°38	16°40
W 8	13 6 40	18°34'10	21°18	21° 2	4°32	25°59	20°37	17°44	0°D45	22° 2	18°49	29°10	0°50	28°44	16°43
T 9	13 10 37	19°32'58	6°Σ 9	22° 9	5°46	26°46	20°42	17°50	0°46	22° 0	18°50	29° 3	0°47	28°51	16°47
F 10	13 14 33	20°31'44	20°52	23°19	7° 0	27°33	20°46	17°57	0°46	21°59	18°51	28°58	0°43	28°58	16°50
S 11	13 18 30	21°30'28	5°Π17	24°30	8°14	28°19	20°51	18° 4	0°46	21°57	18°52	28°55	0°40	29° 5	16°54
S 12	13 22 26	22°29'10	19°21	25°44	9°28	29° 6	20°56	18°10	0°46	21°55	18°53	28°53	0°37	29°11	16°58
M13	13 26 23	23°27'50	3°Σ 0	27° 0	10°42	29°52	21° 1	18°17	0°46	21°54	18°54	28°D52	0°34	29°18	17° 1
T 14	13 30 19	24°26'29	16°14	28°19	11°56	0°Υ39	21° 6	18°23	0°47	21°52	18°55	28°53	0°31	29°25	17° 5
W15	13 34 16	25°25'06	29° 3	29°39	13°10	1°25	21°12	18°29	0°47	21°50	18°56	28°55	0°28	29°32	17° 9
T 16	13 38 13	26°23'41	11°Σ32	1°Υ 1	14°24	2°12	21°17	18°36	0°47	21°49	18°57	28°56	0°24	29°38	17°13
F 17	13 42 9	27°22'15	23°45	2°25	15°38	2°58	21°23	18°42	0°48	21°47	18°58	28°R57	0°21	29°45	17°17
S 18	13 46 6	28°20'46	5°Σ46	3°52	16°52	3°44	21°29	18°48	0°48	21°45	18°59	28°57	0°18	29°52	17°21
S 19	13 50 2	29°19'17	17°40	5°20	18° 6	4°31	21°35	18°55	0°49	21°44	18°59	28°56	0°15	29°58	17°25
M20	13 53 59	0°Σ1745	29°32	6°50	19°20	5°17	21°41	19° 1	0°50	21°42	19° 0	28°53	0°12	0°Σ 5	17°29
T 21	13 57 55	1°16'12	11°Σ26	8°21	20°34	6° 3	21°47	19° 7	0°50	21°41	19° 1	28°49	0° 8	0°12	17°33
W22	14 1 52	2°14'37	23°25	9°55	21°48	6°50	21°53	19°13	0°51	21°39	19° 2	28°45	0° 5	0°19	17°38
T 23	14 5 48	3°13'00	5°Υ32	11°30	23° 2	7°36	22° 0	19°19	0°52	21°37	19° 2	28°40	0° 2	0°25	17°42
F 24	14 9 45	4°11'22	17°50	13° 7	24°16	8°22	22° 7	19°25	0°53	21°36	19° 3	28°36	29°M59	0°32	17°46
S 25	14 13 41	5° 9'42	0°Σ20	14°46	25°30	9° 8	22°14	19°31	0°54	21°34	19° 4	28°33	29°56	0°39	17°51
S 26	14 17 38	6° 8'00	13° 2	16°27	26°44	9°54	22°20	19°37	0°55	21°33	19° 4	28°31	29°53	0°46	17°55
M27	14 21 35	7° 6'17	25°57	18° 9	27°58	10°40	22°28	19°43	0°56	21°31	19° 5	28°D30	29°49	0°52	18° 0
T 28	14 25 31	8° 4'32	9°Π 6	19°54	29°12	11°26	22°35	19°48	0°57	21°29	19° 6	28°31	29°46	0°59	18° 4
W29	14 29 28	9° 2'44	22°27	21°40	0°Σ26	12°12	22°42	19°54	0°58	21°28	19° 6	28°32	29°43	1° 6	18° 9
T 30	14 33 24	10° 0'55	6°Σ 1	23°Υ28	1°Σ40	12°Υ58	22°Σ50	20°Σ 0	0°Ω59	21°Σ26	19°Σ 7	28°M33	29°M40	1°Σ12	18°II13

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅											
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
W 1	4n38	21n 9	1 s 9	7s16	1s16	3s 0	1s29	4s45	1s 5	22n28	0n32	6s50	1s49	20n36	0n37	7s 1	1n46	23s26	8s39	20s 3	20s25	7s22	17n23	5s25
T 2	5 1 21	7 2 16	7 7	1 26	2 30	1 29	4 26	1 4	22 28	0 32	6 48	1 49	20 36	0 37	7 1	1 46	23 26	8 39	20 3	20 25	7 20	17 23	5 25	
F 3	5 24 19	52 3 18	6 56	1 35	2 1	1 29	4 7	1 4	22 27	0 32	6 45	1 49	20 36	0 37	7 0	1 46	23 26	8 39	20 3	20 24	7 18	17 24	5 24	
S 4	5 47 17	25 4 9	6 43	1 43	1 32	1 29	3 49	1 4	22 27	0 32	6 42	1 49	20 36	0 37	7 0	1 46	23 26	8 39	20 3	20 23	7 15	17 24	5 24	
S 5	6 9 13	52 4 46	6 29	1 51	1 2	1 29	3 30	1 4	22 26	0 32	6 40	1 49	20 36	0 37	6 59	1 46	23 26	8 40	20 3	20 23	7 13	17 25	5 24	
M 6	6 32 9	27 5 6	6 12	1 59	0 33	1 29	3 11	1 4	22 26	0 32	6 37	1 49	20 36	0 36	6 58	1 46	23 25	8 40	20 2	20 22	7 11	17 26	5 23	
T 7	6 55 4	24 5 7	5 54	2 5	0 3	1 29	2 53	1 3	22 25	0 32	6 35	1 50	20 36	0 36	6 58	1 46	23 25	8 40	20 1	20 21	7 8	17 26	5 23	
W 8	7 17 0	5s56	4 47	5 34	2 11	0n26	1 29	2 34	1 3	22 24	0 32	6 32	1 50	20 36	0 36	6 57	1 46	23 25	8 40	20 0	20 21	7 6	17 27	5 23
T 9	7 39 6	14 4 7	5 13	2 17	0 56	1 29	2 15	1 3	22 24	0 32	6 30	1 50	20 36	0 36	6 57	1 46	23 25	8 41	19 58	20 20	7 4	17 27	5 23	
F 10	8 2 11	7 3 12	4 50	2 22	1 25	1 29	1 56	1 3	22 23	0 32	6 27	1 50	20 36	0 36	6 56	1 46	23 25	8 41	19 57	20 19	7 1	17 28	5 22	
S 11	8 24 15	15 2 5	4 25	2 26	1 55	1 28	1 38	1 3	22 22	0 32	6 25	1 50	20 36	0 36	6 55	1 46	23 25	8 41	19 56	20 19	6 59	17 29	5 22	
S 12	8 46 18	25 0 52	3 59	2 30	2 24	1 28	1 19	1 2	22 22	0 32	6 22	1 50	20 36	0 36	6 55	1 46	23 25	8 41	19 56	20 18	6 57	17 29	5 22	
M13	9 7 20	25 0n23	3 32	2 33	2 54	1 28	1 0	1 2	22 21	0 32	6 20	1 50	20 36	0 36	6 54	1 46	23 25	8 42	19 56	20 17	6 54	17 30	5 22	
T 14	9 29 21	12 1 33	3 3	2 36	3 23	1 27	0 41	1 2	22 20	0 32	6 18	1 51	20 36	0 36	6 53	1 46	23 25	8 42	19 56	20 17	6 52	17 30	5 21	
W15	9 50 20	50 2 37	2 33	2 38	3 53	1 27	0 23	1 2	22 19	0 32	6 15	1 51	20 36	0 36	6 53	1 46	23 25	8 42	19 56	20 16	6 50	17 31	5 21	
T 16	10 12 19	27 3 32	2 2	2 40	4 22	1 26	0 4	1 1	22 18	0 32	6 13	1 51	20 36	0 36	6 52	1 46	23 25	8 42	19 57	20 15	6 47	17 32	5 21	
F 17	10 33 17	10 4 16	1 30	2 41	4 51	1 25	0n15	1 1	22 18	0 32	6 11	1 51	20 35	0 36	6 52	1 46	23 25	8 43	19 57	20 15	6 45	17 32	5 21	
S 18	10 54 14	12 4 48	0 56	2 41	5 20	1 24	0 34	1 1	22 17	0 32	6 8	1 51	20 35	0 36	6 51	1 46	23 25	8 43	19 57	20 14	6 43	17 33	5 20	
S 19	11 15 10	41 5 7	0 21	2 41	5 49	1 24	0 52	1 0	22 16	0 32	6 6	1 51	20 35	0 36	6 50	1 46	23 25	8 43	19 56	20 13	6 40	17 33	5 20	
M20	11 35 6	46 5 13	0n15	2 41	6 18	1 23	1 11	1 0	22 15	0 32	6 4	1 51	20 35	0 36	6 50	1 46	23 25	8 44	19 56	20 13	6 38	17 34	5 20	
T 21	11 56 2	35 5 5	0 53	2 39	6 47	1 22	1 30	1 0	22 14	0 32	6 1	1 52	20 35	0 36	6 49	1 46	23 25	8 44	19 55	20 12	6 36	17 35	5 20	
W22	12 16 1n44	4 44 1 31	2 38	7 15	1 21	1 48	0 59	22 13	0 32	5 59	1 52	20 35	0 36	6 49	1 46	23 25	8 44	19 54	20 11	6 33	17 35	5 20		
T 23	12 36 6	2 4 11	2 10	2 35	7 44	1 20	2 7	0 59	22 12	0 32	5 57	1 52	20 34	0 36	6 48	1 46	23 25	8 44	19 53	20 11	6 31	17 36	5 19	
F 24	12 56 10	10 3 25	2 50	2 33	8 12	1 19	2 25	0 59	22 11	0 32	5 55	1 52	20 34	0 36	6 47	1 46	23 25	8 45	19 52	20 10	6 29	17 36	5 19	
S 25	13 15 13	55 2 29	3 32	2 29	8 40	1 17	2 44	0 58	22 9	0 32	5 53	1 52	20 34	0 36	6 47	1 46	23 25	8 45	19 52	20 9	6 26	17 37	5 19	
S 26	13 35 17	6 1 24	4 14	2 26	9 8	1 16	3 2	0 58	22 8	0 32	5 50	1 53	20 34	0 36	6 46	1 46	23 25	8 45	19 51	20 9	6 24	17 37	5 19	
M27	13 54 19	30 0 14	4 57	2 21	9 36	1 15	3 21	0 58	22 7	0 32	5 48	1 53	20 33	0 36	6 46	1 46	23 25	8 46	19 51	20 8	6 22	17 38	5 19	
T 28	14 13 20	53 0s58	5 41	2 16	10 3	1 13	3 39	0 57	22 6	0 32	5 46	1 53	20 33	0 36	6 45	1 46	23 25	8 46	19 51	20 7	6 19	17 39	5 18	
W29	14 32 21	7 2 8	6 26	2 11	10 31	1 12	3 57	0 57	22 5	0 32	5 44	1 53	20 33	0 36	6 45	1 46	23 25	8 46	19 51	20 7	6 17	17 39	5 18	
T 30	14n50	20n 8	3s12	7n11	2s 5	10n58	1s11	4n15	0s57	22n 4	0n32	5s42												

SWISS EPHEMERIS for the year 1789

JUNE 1789

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
M 1	16 39 34	10II49'06	13III12	28II44	11II 1	7♃ 3	27♄50	22♅22	2♁ 1	20°R46	19°R10	28°D27	27III58	4♁48	20II56
T 2	16 43 31	11°46'31	27°23	0♄29	12°15	7°47	28° 1	22°25	2° 4	20♁45	19° 9	28III27	27°55	4°54	21° 2
W 3	16 47 27	12°43'55	11♄29	2°11	13°29	8°31	28°12	22°28	2° 7	20°44	19° 9	28°28	27°52	5° 1	21° 7
T 4	16 51 24	13°41'17	25°26	3°50	14°42	9°15	28°23	22°31	2° 9	20°43	19° 9	28°29	27°49	5° 8	21°13
F 5	16 55 20	14°38'39	9III14	5°27	15°56	9°59	28°34	22°34	2°12	20°42	19° 8	28°30	27°45	5°14	21°18
S 6	16 59 17	15°36'00	22°31	7° 1	17°10	10°43	28°46	22°37	2°15	20°42	19° 8	28°R31	27°42	5°21	21°24
S 7	17 3 13	16°33'19	6♁14	8°32	18°23	11°27	28°57	22°40	2°18	20°41	19° 7	28°31	27°39	5°28	21°29
M 8	17 7 10	17°30'39	19°24	10° 0	19°37	12°11	29° 8	22°42	2°20	20°40	19° 7	28°30	27°36	5°35	21°35
T 9	17 11 6	18°27'57	2♁18	11°26	20°51	12°55	29°20	22°45	2°23	20°39	19° 6	28°28	27°33	5°41	21°40
W10	17 15 3	19°25'15	14°58	12°49	22° 5	13°39	29°31	22°47	2°26	20°39	19° 6	28°25	27°30	5°48	21°46
T 11	17 19 0	20°22'32	27°24	14° 9	23°18	14°23	29°43	22°50	2°29	20°38	19° 5	28°22	27°26	5°55	21°51
F 12	17 22 56	21°19'48	9♁37	15°25	24°32	15° 6	29°54	22°52	2°32	20°37	19° 5	28°18	27°23	6° 2	21°57
S 13	17 26 53	22°17'05	21°39	16°39	25°46	15°50	0♁ 6	22°54	2°35	20°37	19° 4	28°15	27°20	6° 8	22° 2
S 14	17 30 49	23°14'20	3♁35	17°50	26°59	16°34	0°18	22°56	2°38	20°36	19° 4	28°13	27°17	6°15	22° 8
M15	17 34 46	24°11'36	15°28	18°58	28°13	17°17	0°30	22°58	2°41	20°36	19° 3	28°11	27°14	6°22	22°14
T 16	17 38 42	25° 8'51	27°23	20° 3	29°27	18° 1	0°42	23° 0	2°44	20°35	19° 2	28°D11	27°11	6°28	22°19
W17	17 42 39	26° 6'06	9♁24	21° 4	0♄40	18°44	0°53	23° 1	2°47	20°35	19° 2	28°12	27° 7	6°35	22°25
T 18	17 46 35	27° 3'21	21°36	22° 3	1°54	19°27	1° 5	23° 3	2°51	20°34	19° 1	28°13	27° 4	6°42	22°30
F 19	17 50 32	28° 0'36	4♁ 3	22°57	3° 8	20°11	1°17	23° 5	2°54	20°34	19° 0	28°15	27° 1	6°49	22°36
S 20	17 54 29	28°57'51	16°49	23°49	4°22	20°54	1°30	23° 6	2°57	20°33	18°59	28°16	26°58	6°55	22°41
S 21	17 58 25	29°55'05	29°57	24°36	5°35	21°37	1°42	23° 7	3° 0	20°33	18°59	28°R16	26°55	7° 2	22°47
M22	18 2 22	0♄52'20	13III29	25°20	6°49	22°20	1°54	23° 9	3° 3	20°33	18°58	28°15	26°51	7° 9	22°52
T 23	18 6 18	1°49'34	27°22	26° 0	8° 3	23° 3	2° 6	23°10	3° 7	20°33	18°57	28°13	26°48	7°15	22°58
W24	18 10 15	2°46'48	11♄35	26°36	9°17	23°46	2°18	23°11	3°10	20°32	18°56	28° 9	26°45	7°22	23° 3
T 25	18 14 11	3°44'01	26° 2	27° 8	10°30	24°29	2°31	23°12	3°13	20°32	18°55	28° 4	26°42	7°29	23° 9
F 26	18 18 8	4°41'15	10♁38	27°36	11°44	25°12	2°43	23°13	3°17	20°32	18°55	27°59	26°39	7°36	23°14
S 27	18 22 5	5°38'28	25°15	28° 0	12°58	25°54	2°56	23°13	3°20	20°32	18°54	27°54	26°36	7°42	23°20
S 28	18 26 1	6°35'40	9♁47	28°19	14°11	26°37	3° 8	23°14	3°23	20°32	18°53	27°50	26°32	7°49	23°25
M29	18 29 58	7°32'53	24°10	28°34	15°25	27°20	3°21	23°15	3°27	20°31	18°52	27°48	26°29	7°56	23°30
T 30	18 33 54	8°30'04	8♁20	28♄44	16♄39	28♃ 2	3♁33	23♁15	3♁30	20♁31	18♁51	27°D47	26III26	8♁ 3	23III36

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	22n 5	1n54	5s 6	25n34	2n 7	22n 2	0s 5	13n14	0s41	21n 9	0n33	4s52	2s 0	20n18	0n35
T 2	22 13	3s12	4 37	25 36	2 8	22 14	0 3	13 29	0 41	21 7	0 33	4 51	2 0	20 18	0 35
W 3	22 21	8 6	3 52	25 35	2 8	22 26	0 0	13 43	0 40	21 5	0 33	4 50	2 1	20 17	0 35
T 4	22 28	12 32	2 53	25 31	2 7	22 37	0n 2	13 58	0 40	21 2	0 33	4 49	2 1	20 16	0 35
F 5	22 35	16 14	1 44	25 27	2 5	22 48	0 4	14 12	0 39	21 0	0 33	4 48	2 1	20 16	0 35
S 6	22 41	19 0	0 31	25 20	2 3	22 57	0 7	14 27	0 39	20 58	0 33	4 47	2 1	20 15	0 35
S 7	22 47	20 41	0n42	25 11	2 0	23 7	0 9	14 41	0 38	20 56	0 33	4 47	2 2	20 14	0 35
M 8	22 53	21 10	1 53	25 1	1 56	23 15	0 12	14 55	0 37	20 53	0 33	4 46	2 2	20 14	0 35
T 9	22 58	20 31	2 56	24 50	1 52	23 23	0 14	15 9	0 37	20 51	0 33	4 45	2 2	20 13	0 35
W10	23 3 18	50 3	3 48	24 37	1 47	23 30	0 16	15 23	0 36	20 49	0 33	4 44	2 2	20 12	0 35
T 11	23 7 16	18 4	2 19	24 23	1 41	23 36	0 19	15 36	0 36	20 46	0 33	4 44	2 3	20 12	0 35
F 12	23 11 13	5 4	5 24	24 8	1 34	23 42	0 21	15 50	0 35	20 44	0 33	4 43	2 3	20 11	0 35
S 13	23 14 9	23 5	12 23	52 1	27 23	47 0	23 16	3 0	34 20	41 0	33 4	42 2	3 20	10 0	35 6
S 14	23 18 5	21 5	12 23	35 1	19 23	51 0	25 16	16 0	34 20	39 0	33 4	42 2	3 20	10 0	35 6
M15	23 20 1	7 5	0 23	17 1	11 23	55 0	28 16	29 0	33 20	36 0	33 4	41 2	4 20	9 0	35 6
T 16	23 23 3n	9 4	3 24	22 59 1	1 23	58 0	30 16	42 0	32 20	34 0	33 4	41 2	4 20	8 0	35 6
W17	23 24 7	21 3	5 26	22 40 0	51 24 0	0 32	16 54	0 32	20 31	0 33	4 40	2 4	20 7	0 35	6 26
T 18	23 26 11	19 3	7 22	20 0	41 24 2	0 34	17 7	0 31	20 29	0 33	4 40	2 5	20 7	0 35	6 26
F 19	23 27 14	54 2	9 22	0 0	30 24 2	0 37	17 19	0 30	20 26	0 33	4 40	2 5	20 6	0 35	6 26
S 20	23 28 17	52 1	2 21	40 0	18 24 2	0 39	17 31	0 30	20 23	0 33	4 39	2 5	20 5	0 35	6 26
S 21	23 28 20	1 0s	9 21	20 0	6 24 2	0 41	17 43	0 29	20 21	0 33	4 39	2 5	20 4	0 35	6 26
M22	23 28 21	5 1	22 20	59 0s	7 24 0	0 43	17 55	0 28	20 18	0 33	4 39	2 6	20 4	0 35	6 26
T 23	23 27 20	54 2	32 20	39 0	20 23	58 0	45 18	6 0	28 20	15 0	33 4	39 2	6 20	3 0	35 6
W24	23 26 19	24 3	34 20	18 0	33 23	56 0	47 18	18 0	27 20	13 0	33 4	38 2	6 20	2 0	35 6
T 25	23 25 16	39 4	24 19	59 0	48 23	52 0	49 18	29 0	26 20	10 0	33 4	38 2	6 20	1 0	35 6
F 26	23 23 12	50 4	56 19	39 1	2 23	48 0	51 18	40 0	26 20	7 0	33 4	38 2	7 20	1 0	35 6
S 27	23 21 8	15 5	10 19	20 1	17 23	43 0	53 18	51 0	25 20	4 0	34 4	38 2	7 20	0 0	35 6
S 28	23 18 3	13 5	4 19	1 1	32 23	37 0	55 19	2 0	24 20	1 0	34 4	38 2	7 19	59 0	35 6
M29	23 15 1s	56 4	38 18	43 1	47 23	31 0	57 19	12 0	24 19	58 0	34 4	38 2	7 19	58 0	35 6
T 30	23n12	6s55	3s56	18n26	2s 3	23n24	0n59	19n22	0s23	19n56	0n34	4s38	2s 8	19n57	0n35

Julian Day Number = 2374630.5, Delta T = 16.49 sec
 Ecliptic obliquity = 23°27'55", Nutation = 0°00'14"
 Ayanamsha: Fagan/Bradley = 21°48'01", Lahiri = 20°55'01"Greg. Calendar

SWISS EPHEMERIS for the year 1789

JULY 1789

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
W 1	18 37 51	9 ^h 27'16"	22 ^h 15'	28 ^h 50'	17 ^h 53'	28 ^h 45'	3 ^h 46'	23 ^h 15'	3 ^h 34'	20 ^h R31	18 ^h R50	27 ^h M48	26 ^h M23	8 ^h 9'	23 ^h II41
T 2	18 41 47	10 ^h 24'27"	5 ^h M56	28 ^h R50	19 ^h 6'	29 ^h 27'	3 ^h 58'	23 ^h 16'	3 ^h 37'	20 ^h D31	18 ^h 49'	27 ^h 49'	26 ^h 20	8 ^h 16'	23 ^h 47'
F 3	18 45 44	11 ^h 21'38"	19 ^h 22'	28 ^h 46'	20 ^h 20'	0 ^h II 9'	4 ^h 11'	23 ^h 16'	3 ^h 41'	20 ^h 31	18 ^h 48'	27 ^h 50'	26 ^h 17	8 ^h 23'	23 ^h 52'
S 4	18 49 40	12 ^h 18'49"	2 ^h 7'35"	28 ^h 38'	21 ^h 34'	0 ^h 52'	4 ^h 24'	23 ^h R16	3 ^h 44'	20 ^h 31	18 ^h 47'	27 ^h R50	26 ^h 13	8 ^h 29'	23 ^h 57'
S 5	18 53 37	13 ^h 16'00"	15 ^h 36'	28 ^h 25'	22 ^h 47'	1 ^h 34'	4 ^h 36'	23 ^h 16'	3 ^h 48'	20 ^h 32	18 ^h 46'	27 ^h 49'	26 ^h 10	8 ^h 36'	24 ^h 3'
M 6	18 57 34	14 ^h 13'11"	28 ^h 24'	28 ^h 7'	24 ^h 1'	2 ^h 16'	4 ^h 49'	23 ^h 16'	3 ^h 51'	20 ^h 32	18 ^h 45'	27 ^h 45'	26 ^h 7'	8 ^h 43'	24 ^h 8'
T 7	19 1 30	15 ^h 10'22"	11 ^h 3 ^h 2'	27 ^h 45'	25 ^h 15'	2 ^h 58'	5 ^h 2'	23 ^h 15'	3 ^h 55'	20 ^h 32	18 ^h 44'	27 ^h 39'	26 ^h 4'	8 ^h 50'	24 ^h 13'
W 8	19 5 27	16 ^h 7'33"	23 ^h 29'	27 ^h 20'	26 ^h 29'	3 ^h 40'	5 ^h 15'	23 ^h 15'	3 ^h 58'	20 ^h 32	18 ^h 43'	27 ^h 32'	26 ^h 1'	8 ^h 56'	24 ^h 19'
T 9	19 9 23	17 ^h 4'44"	5 ^h 34'45"	26 ^h 50'	27 ^h 42'	4 ^h 22'	5 ^h 28'	23 ^h 15'	4 ^h 2'	20 ^h 32	18 ^h 42'	27 ^h 23'	25 ^h 57'	9 ^h 3'	24 ^h 24'
F 10	19 13 20	18 ^h 1'56"	17 ^h 52'	26 ^h 18'	28 ^h 56'	5 ^h 4'	5 ^h 41'	23 ^h 14'	4 ^h 5'	20 ^h 33	18 ^h 41'	27 ^h 14'	25 ^h 54'	9 ^h 10'	24 ^h 29'
S 11	19 17 16	18 ^h 59'08"	29 ^h 51'	25 ^h 42'	0 ^h II10	5 ^h 46'	5 ^h 53'	23 ^h 13'	4 ^h 9'	20 ^h 33	18 ^h 40'	27 ^h 5'	25 ^h 51'	9 ^h 16'	24 ^h 35'
S 12	19 21 13	19 ^h 56'21"	11 ^h 45'	25 ^h 5'	1 ^h 23'	6 ^h 27'	6 ^h 6'	23 ^h 13'	4 ^h 13'	20 ^h 33	18 ^h 38'	26 ^h 58'	25 ^h 48'	9 ^h 23'	24 ^h 40'
M13	19 25 9	20 ^h 53'34"	23 ^h 37'	24 ^h 25'	2 ^h 37'	7 ^h 9'	6 ^h 19'	23 ^h 12'	4 ^h 16'	20 ^h 33	18 ^h 37'	26 ^h 52'	25 ^h 45'	9 ^h 30'	24 ^h 45'
T 14	19 29 6	21 ^h 50'47"	5 ^h 7'30"	23 ^h 45'	3 ^h 51'	7 ^h 51'	6 ^h 32'	23 ^h 11'	4 ^h 20'	20 ^h 34	18 ^h 36'	26 ^h 48'	25 ^h 42'	9 ^h 37'	24 ^h 50'
W15	19 33 3	22 ^h 48'02"	17 ^h 29'	23 ^h 5'	5 ^h 5'	8 ^h 32'	6 ^h 45'	23 ^h 10'	4 ^h 23'	20 ^h 34	18 ^h 35'	26 ^h 47'	25 ^h 38'	9 ^h 43'	24 ^h 55'
T 16	19 36 59	23 ^h 45'17"	29 ^h 38'	22 ^h 25'	6 ^h 18'	9 ^h 14'	6 ^h 58'	23 ^h 9'	4 ^h 27'	20 ^h 35	18 ^h 34'	26 ^h D47	25 ^h 35'	9 ^h 50'	25 ^h 0'
F 17	19 40 56	24 ^h 42'33"	12 ^h 3 ^h 4'	21 ^h 46'	7 ^h 32'	9 ^h 55'	7 ^h 11'	23 ^h 7'	4 ^h 31'	20 ^h 35	18 ^h 33'	26 ^h 48'	25 ^h 32'	9 ^h 57'	25 ^h 5'
S 18	19 44 52	25 ^h 39'50"	24 ^h 49'	21 ^h 8'	8 ^h 46'	10 ^h 36'	7 ^h 24'	23 ^h 6'	4 ^h 34'	20 ^h 36	18 ^h 31'	26 ^h R48	25 ^h 29'	10 ^h 3'	25 ^h 10'
S 19	19 48 49	26 ^h 37'07"	8 ^h II 0'	20 ^h 34'	9 ^h 59'	11 ^h 18'	7 ^h 38'	23 ^h 5'	4 ^h 38'	20 ^h 36	18 ^h 30'	26 ^h 48'	25 ^h 26'	10 ^h 10'	25 ^h 15'
M20	19 52 45	27 ^h 34'26"	21 ^h 37'	20 ^h 2'	11 ^h 13'	11 ^h 59'	7 ^h 51'	23 ^h 3'	4 ^h 42'	20 ^h 37	18 ^h 29'	26 ^h 45'	25 ^h 23'	10 ^h 17'	25 ^h 20'
T 21	19 56 42	28 ^h 31'45"	5 ^h 34'42"	19 ^h 34'	12 ^h 27'	12 ^h 40'	8 ^h 4'	23 ^h 2'	4 ^h 45'	20 ^h 37	18 ^h 28'	26 ^h 40'	25 ^h 19'	10 ^h 24'	25 ^h 25'
W22	20 0 38	29 ^h 29'05"	20 ^h 12'	19 ^h 11'	13 ^h 41'	13 ^h 21'	8 ^h 17'	23 ^h 0'	4 ^h 49'	20 ^h 38	18 ^h 27'	26 ^h 33'	25 ^h 16'	10 ^h 30'	25 ^h 30'
T 23	20 4 35	0 ^h II26'26"	5 ^h II 1'	18 ^h 52'	14 ^h 54'	14 ^h 2'	8 ^h 30'	22 ^h 58'	4 ^h 53'	20 ^h 39	18 ^h 25'	26 ^h 25'	25 ^h 13'	10 ^h 37'	25 ^h 35'
F 24	20 8 32	1 ^h 23'47"	20 ^h 0'	18 ^h 39'	16 ^h 8'	14 ^h 43'	8 ^h 43'	22 ^h 56'	4 ^h 57'	20 ^h 39	18 ^h 24'	26 ^h 15'	25 ^h 10'	10 ^h 44'	25 ^h 40'
S 25	20 12 28	2 ^h 21'09"	5 ^h III 2'	18 ^h 31'	17 ^h 22'	15 ^h 23'	8 ^h 56'	22 ^h 54'	5 ^h 0'	20 ^h 40	18 ^h 23'	26 ^h 6'	25 ^h 7'	10 ^h 51'	25 ^h 45'
S 26	20 16 25	3 ^h 18'32"	19 ^h 55'	18 ^h D28	18 ^h 36'	16 ^h 4'	9 ^h 10'	22 ^h 52'	5 ^h 4'	20 ^h 41	18 ^h 21'	25 ^h 58'	25 ^h 3'	10 ^h 57'	25 ^h 50'
M27	20 20 21	4 ^h 15'55"	4 ^h 33'	18 ^h 32'	19 ^h 49'	16 ^h 45'	9 ^h 23'	22 ^h 50'	5 ^h 8'	20 ^h 42	18 ^h 20'	25 ^h 53'	25 ^h 0'	11 ^h 4'	25 ^h 54'
T 28	20 24 18	5 ^h 13'18"	18 ^h 50'	18 ^h 42'	21 ^h 3'	17 ^h 25'	9 ^h 36'	22 ^h 48'	5 ^h 11'	20 ^h 43	18 ^h 19'	25 ^h 50'	24 ^h 57'	11 ^h 11'	25 ^h 59'
W29	20 28 14	6 ^h 10'42"	2 ^h III46'	18 ^h 58'	22 ^h 17'	18 ^h 6'	9 ^h 49'	22 ^h 45'	5 ^h 15'	20 ^h 43	18 ^h 18'	25 ^h D49	24 ^h 54'	11 ^h 17'	26 ^h 4'
T 30	20 32 11	7 ^h 8'07"	16 ^h 21'	19 ^h 21'	23 ^h 30'	18 ^h 46'	10 ^h 2'	22 ^h 43'	5 ^h 19'	20 ^h 44	18 ^h 16'	25 ^h 49'	24 ^h 51'	11 ^h 24'	26 ^h 8'
F 31	20 36 7	8 ^h II 5'33"	29 ^h III36'	19 ^h 50'	24 ^h II44	19 ^h II27	10 ^h II15	22 ^h 40'	5 ^h II22	20 ^h 45	18 ^h 15'	25 ^h R49	24 ^h III48	11 ^h 31'	26 ^h II13

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	23n 8	11s28	3s 1	18n10	2s18	23n16	1n 1	19n32	0s22	19n53	0n34	4s38	2s 8	19n57	0n35	6s26	1n43	23s47	9s 3	19s41	19s22	3s51	18n 1	5s18
T 2	23 3	15 20	1 56	17 54	2 34	23 8	1 2	19 42	0 22	19 50	0 34	4 38	2 8	19 56	0 35	6 26	1 43	23 47	9 4	19 42	19 21	3 48	18 1	5 19
F 3	22 59	18 19	0 46	17 40	2 49	22 59	1 4	19 52	0 21	19 47	0 34	4 39	2 9	19 55	0 35	6 26	1 43	23 48	9 4	19 42	19 20	3 46	18 1	5 19
S 4	22 54	20 17	0n26	17 27	3 4	22 49	1 6	20 1	0 20	19 44	0 34	4 39	2 9	19 54	0 35	6 26	1 43	23 48	9 4	19 42	19 20	3 44	18 1	5 19
S 5	22 48	21 7	1 34	17 16	3 19	22 39	1 7	20 11	0 19	19 41	0 34	4 39	2 9	19 53	0 35	6 26	1 43	23 49	9 4	19 42	19 19	3 41	18 1	5 19
M 6	22 42	20 50	2 37	17 5	3 33	22 28	1 9	20 20	0 19	19 38	0 34	4 39	2 9	19 52	0 35	6 26	1 43	23 50	9 5	19 41	19 18	3 39	18 1	5 20
T 7	22 36	19 30	3 31	16 56	3 46	22 16	1 10	20 29	0 18	19 35	0 34	4 40	2 10	19 52	0 35	6 26	1 43	23 50	9 5	19 40	19 17	3 37	18 1	5 20
W 8	22 29	17 15	4 14	16 49	3 59	22 3	1 12	20 38	0 17	19 32	0 34	4 40	2 10	19 51	0 35	6 26	1 43	23 51	9 5	19 38	19 17	3 34	18 1	5 20
T 9	22 22	14 15	4 45	16 43	4 11	21 50	1 13	20 46	0 16	19 29	0 34	4 41	2 10	19 50	0 35	6 26	1 43	23 51	9 5	19 36	19 16	3 32	18 1	5 20
F 10	22 15	10 42	5 2	16 38	4 21	21 37	1 15	20 54	0 16	19 25	0 34	4 41	2 10	19 49	0 35	6 27	1 43	23 52	9 5	19 34	19 15	3 30	18 1	5 20
S 11	22 7	6 46	5 6	16 35	4 31	21 23	1 16	21 3	0 15	19 22	0 34	4 41	2 11	19 48	0 35	6 27	1 43	23 52	9 6	19 32	19 14	3 28	18 1	5 21
S 12	21 59	2 36	4 56	16 34	4 39	21 8	1 17	21 11	0 14	19 19	0 34	4 42	2 11	19 47	0 35	6 27	1 43	23 53	9 6	19 30	19 14	3 25	18 1	5 21
M13	21 50	1n39	4 34	16 34	4 46	20 52	1 18	21 18	0 13	19 16	0 34	4 43	2 11	19 46	0 35	6 27	1 43	23 53	9 6	19 29	19 13	3 23	18 1	5 21
T 14	21 41	5 51	3 59	16 36	4 51	20 36	1 20	21 26	0 13	19 13	0 34	4 43	2 11	19 46	0 35	6 27	1 43	23 54	9 6	19 28	19 12	3 21	18 1	5 21
W15	21 32	9 52	3 15	16 39	4 54	20 19	1 21	21 33	0 12	19 10	0 34	4 44	2 12	19 45	0 35	6 27	1 43	23 54	9 6	19 27	19 11	3 18	18 1	5 22
T 16	21 22	13 32	2 20	16 44	4 56	20 2	1 22	21 40	0 11	19 6	0 34	4 45	2 12	19 44	0 35	6 28	1 43	23 55	9 6	19 27	19 11	3 16	18 1	5 22
F 17	21 12	16 43	1 18	16 50	4 56	19 44	1 23	21 47	0 10	19 3	0 35	4 45	2 12	19 43	0 35	6 28	1 43	23 55	9 7	19 28	19 10	3 14	18 0	5 22
S 18	21 2	19 1																						

SWISS EPHEMERIS for the year 1789

AUGUST 1789

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	20 40 4	9♉ 2'59	12♊34	20♋26	25♌58	20♍ 7	10♎29	22°R38	5♏26	20♐46	18°R14	25°R48	24♑44	11♒38	26♓17
S 2	20 44 1	10° 0'26	25°17	21° 8	27°11	20°47	10°42	22♋35	5°30	20°47	18♌12	25♍45	24°41	11°44	26°22
M 3	20 47 57	10°57'54	7♌49	21°56	28°25	21°27	10°55	22°32	5°34	20°48	18°11	25°39	24°38	11°51	26°26
T 4	20 51 54	11°55'22	20°11	22°50	29°39	22° 7	11° 8	22°29	5°37	20°49	18°10	25°30	24°35	11°58	26°31
W 5	20 55 50	12°52'52	2♌24	23°50	0♍52	22°47	11°22	22°26	5°41	20°50	18° 8	25°19	24°32	12° 4	26°35
T 6	20 59 47	13°50'22	14°30	24°57	2° 6	23°27	11°35	22°23	5°45	20°51	18° 7	25° 6	24°29	12°11	26°40
F 7	21 3 43	14°47'54	26°30	26° 9	3°20	24° 7	11°48	22°20	5°48	20°52	18° 6	24°53	24°25	12°18	26°44
S 8	21 7 40	15°45'27	8♋26	27°27	4°33	24°46	12° 1	22°17	5°52	20°54	18° 4	24°40	24°22	12°25	26°48
S 9	21 11 36	16°43'01	20°17	28°49	5°47	25°26	12°14	22°14	5°56	20°55	18° 3	24°28	24°19	12°31	26°52
M10	21 15 33	17°40'36	2♉ 8	0♌17	7° 1	26° 5	12°27	22°10	5°59	20°56	18° 2	24°19	24°16	12°38	26°56
T 11	21 19 30	18°38'13	14° 0	1°50	8°14	26°45	12°41	22° 7	6° 3	20°57	18° 0	24°12	24°13	12°45	27° 0
W12	21 23 26	19°35'51	25°58	3°27	9°28	27°24	12°54	22° 4	6° 7	20°58	17°59	24° 9	24° 9	12°51	27° 4
T 13	21 27 23	20°33'31	8♌ 6	5° 8	10°41	28° 4	13° 7	22° 0	6°10	21° 0	17°58	24° 7	24° 6	12°58	27° 8
F 14	21 31 19	21°31'12	20°28	6°53	11°55	28°43	13°20	21°56	6°14	21° 1	17°56	24° 7	24° 3	13° 5	27°12
S 15	21 35 16	22°28'55	3♌10	8°41	13° 9	29°22	13°33	21°53	6°17	21° 2	17°55	24° 7	24° 0	13°12	27°16
S 16	21 39 12	23°26'40	16°17	10°32	14°22	0♍ 1	13°46	21°49	6°21	21° 4	17°54	24° 6	23°57	13°18	27°20
M17	21 43 9	24°24'27	29°52	12°25	15°36	0°40	13°59	21°45	6°25	21° 5	17°52	24° 3	23°54	13°25	27°24
T 18	21 47 5	25°22'15	13♌57	14°20	16°49	1°19	14°12	21°41	6°28	21° 7	17°51	23°57	23°50	13°32	27°28
W19	21 51 2	26°20'04	28°30	16°17	18° 3	1°57	14°26	21°38	6°32	21° 8	17°50	23°49	23°47	13°38	27°31
T 20	21 54 59	27°17'56	13♌27	18°15	19°16	2°36	14°39	21°34	6°35	21° 9	17°48	23°39	23°44	13°45	27°35
F 21	21 58 55	28°15'48	28°39	20°14	20°30	3°15	14°52	21°30	6°39	21°11	17°47	23°28	23°41	13°52	27°38
S 22	22 2 52	29°13'42	13♌56	22°13	21°44	3°53	15° 5	21°25	6°42	21°12	17°46	23°17	23°38	13°59	27°42
S 23	22 6 48	0♍11'38	29° 6	24°12	22°57	4°32	15°18	21°21	6°46	21°14	17°45	23° 8	23°35	14° 5	27°45
M24	22 10 45	1° 9'35	14♌ 0	26°12	24°11	5°10	15°31	21°17	6°49	21°16	17°43	23° 2	23°31	14°12	27°49
T 25	22 14 41	2° 7'33	28°31	28°11	25°24	5°48	15°43	21°13	6°53	21°17	17°42	22°58	23°28	14°19	27°52
W26	22 18 38	3° 5'33	12♌36	0♍10	26°38	6°26	15°56	21° 9	6°56	21°19	17°41	22°56	23°25	14°25	27°55
T 27	22 22 34	4° 3'34	26°14	2° 8	27°51	7° 4	16° 9	21° 4	6°59	21°20	17°39	22°D56	23°22	14°32	27°58
F 28	22 26 31	5° 1'37	9♋27	4° 5	29° 5	7°42	16°22	21° 0	7° 3	21°22	17°38	22°R56	23°19	14°39	28° 1
S 29	22 30 28	5°59'40	22°20	6° 1	0♌18	8°20	16°35	20°56	7° 6	21°24	17°37	22°55	23°15	14°46	28° 5
S 30	22 34 24	6°57'46	4♌55	7°57	1°31	8°58	16°48	20°51	7°10	21°25	17°36	22°52	23°12	14°52	28° 7
MB1	22 38 21	7♌55'52	17♌16	9♌51	2♌45	9♌36	17♌ 0	20♋47	7♌13	21♌27	17♌34	22♌47	23♌ 9	14♋59	28♌10

Day	☉		☽		♀		♁		♂		♃		♅		♁		♄		♁					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	18n 1	20s53	1n28	19n39	2s17	14n17	1n30	23n 7	0n 2	18n12	0n36	5s 0	2s16	19n30	0n35	6s33	1n42	24s 3	9s 9	19s14	18s58	2s39	17n58	5s27
S 2	17 45	20 54	2 29	19 48	2 1	13 52	1 30	23 11	0 2	18 9	0 36	5 2	2 16	19 29	0 35	6 33	1 42	24 4	9 9	19 13	18 58	2 37	17 58	5 27
M 3	17 30	19 52	3 23	19 57	1 45	13 26	1 29	23 15	0 3	18 5	0 36	5 3	2 16	19 28	0 35	6 34	1 42	24 4	9 9	19 12	18 57	2 35	17 57	5 28
T 4	17 14	17 54	4 6	20 4	1 29	13 0	1 29	23 18	0 4	18 1	0 36	5 4	2 16	19 27	0 35	6 34	1 42	24 5	9 9	19 10	18 56	2 32	17 57	5 28
W 5	16 58	15 9	4 37	20 9	1 14	12 34	1 29	23 21	0 5	17 58	0 36	5 6	2 17	19 26	0 35	6 34	1 42	24 5	9 9	19 7	18 55	2 30	17 57	5 29
T 6	16 41	11 47	4 55	20 13	0 58	12 7	1 29	23 24	0 6	17 54	0 36	5 7	2 17	19 25	0 35	6 35	1 41	24 6	9 9	19 4	18 55	2 28	17 56	5 29
F 7	16 25	7 59	5 0	20 14	0 43	11 40	1 28	23 27	0 6	17 51	0 36	5 9	2 17	19 24	0 35	6 35	1 41	24 6	9 9	19 1	18 54	2 26	17 56	5 29
S 8	16 8	3 55	4 52	20 14	0 28	11 13	1 28	23 29	0 7	17 47	0 36	5 10	2 17	19 23	0 35	6 36	1 41	24 7	9 9	18 57	18 53	2 23	17 56	5 30
S 9	15 51	0n18	4 31	20 11	0 14	10 45	1 27	23 31	0 8	17 44	0 36	5 11	2 17	19 22	0 35	6 36	1 41	24 7	9 9	18 55	18 52	2 21	17 56	5 30
M10	15 33	4 29	3 58	20 6	0 0	10 17	1 27	23 34	0 9	17 40	0 36	5 13	2 18	19 22	0 35	6 37	1 41	24 8	9 9	18 52	18 51	2 19	17 55	5 31
T 11	15 15	8 31	3 15	19 59	0n13	9 49	1 26	23 35	0 10	17 36	0 36	5 14	2 18	19 21	0 35	6 37	1 41	24 8	9 9	18 51	18 51	2 16	17 55	5 31
W12	14 57	12 16	2 23	19 49	0 25	9 21	1 25	23 37	0 11	17 33	0 36	5 16	2 18	19 20	0 35	6 38	1 41	24 9	9 9	18 50	18 50	2 14	17 55	5 31
T 13	14 39	15 32	1 24	19 36	0 36	8 52	1 24	23 39	0 12	17 29	0 37	5 18	2 18	19 19	0 35	6 38	1 41	24 9	9 9	18 49	18 49	2 12	17 54	5 32
F 14	14 21	18 12	0 19	19 20	0 47	8 23	1 23	23 40	0 13	17 25	0 37	5 19	2 18	19 18	0 35	6 39	1 41	24 10	9 9	18 49	18 48	2 9	17 54	5 32
S 15	14 2	20 2	0s48	19 1	0 57	7 54	1 22	23 41	0 13	17 22	0 37	5 21	2 19	19 17	0 35	6 39	1 41	24 10	9 10	18 49	18 48	2 7	17 54	5 33
S 16	13 43	20 52	1 54	18 40	1 6	7 25	1 21	23 42	0 14	17 18	0 37	5 22	2 19	19 16	0 35	6 40	1 41	24 11	9 10	18 49	18 47	2 5	17 53	5 33
M17	13 24	20 31	2 57	18 17	1 14	6 55	1 20	23 43	0 15	17 14	0 37	5 24	2 19	19 15	0 35	6 41	1 41	24 11	9 10	18 48	18 46	2 3	17 53	5 34
T 18	13 5	18 54	3 51	17 50	1 21	6 25	1 19	23 44	0 16	17 11	0 37	5 26	2 19	19 14	0 35	6 41	1 41	24 12	9 10	18 47	18 45	2 0	17 52	5 34
W19	12 45	16 3	4 32	17 22	1 27	5 55	1 18	23 44	0 17	17 7	0 37	5 27	2 19	19 14	0 35	6 42	1 41	24 12	9 10	18 45	18 44	1 58	17 52	5 35
T 20	12 25	12 5	4 56	16 50	1 32	5 25	1 16	23 44	0 18	17 3	0 37	5 29	2 19	19 13	0 35	6 42	1 41	24 13	9 10	18 42	18 44	1 56	17 52	5 35
F 21	12 5	7 17	4 59	16 17	1 37	4 55	1 15	23 44	0 19	16 59	0 37	5 31	2 20	19 12	0 35	6 43	1 41	24 13	9 10	18 40	18 43	1 54	17 51	5 35
S 22	11 45	2 0	4 41	15 42	1 40	4 25	1 14	23 44	0 20	16 56	0 37	5 33	2 20	19 11	0 35	6 43	1 41	24 13	9 10	18 37	18 42	1 51	17 51	5 36
S 23	11 25	3s22	4 4	15 5	1 43	3 54	1 12	23 44	0 21	16 52	0 38	5 34	2 20	19 10	0 35	6 44	1 41	24 14	9 10	18 35	18 41	1 49	17 50	5 36
M24	11 4	8 27	3 10	14 27	1 45	3 24	1 11	23 43	0 22	16 48	0 38	5 36	2 20	19 9	0 35	6 45	1 41	24 14	9 10	18 33	18 40	1 47	17 50	5 37
T 25	10 44	12 55	2 5	13 47	1 46	2 53	1 9	23 43	0 22	16 44	0 38	5 38	2 20	19 8	0 35	6 45	1 41	24 15	9 10	18 32	18 40	1 44	17 50	5 37
W26	10 23	16 30	0 54	13 5	1 46	2 22	1 7	23 42	0 23	16 41	0 38	5 40	2 20	19 8	0 35	6 46	1 41	24 15	9 10	18 32	18 39	1 42	17 49	5 38
T 27	10 2	19 3	0n17	12 23	1 46	1 51	1 6	23 41	0 24	16 37	0 38	5 42	2 20	19 7	0 35	6 47	1 41	24 15	9 10	18 32	18 38	1 40	17 49	5 38
F 28	9 41	20 28	1 26	11 39	1 45	1 21	1 4	23 40	0 25	16 33	0 38	5 43	2 21	19 6	0 35	6 47	1 41	24 16	9 10	18 32	18 37	1		

SWISS EPHEMERIS for the year 1789

SEPTEMBER 1789

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	22 42 17	8 ^m 54'00	29 ^z 27	11 ^m 45	3 ^h 58	10 ^h 13	17 ^h 13	20°R42	7 ^h 16	21 ^h 29	17°R33	22°R38	23 ^m 6	15 ^h 6	28 ^h 13
W 2	22 46 14	9°52'10	11 ^z 31	13°37	5°12	10°51	17°26	20 ^h 38	7°19	21°31	17 ^z 32	22 ^m 28	23° 3	15°12	28°16
T 3	22 50 10	10°50'21	23°29	15°28	6°25	11°28	17°38	20°33	7°23	21°32	17°31	22°15	23° 0	15°19	28°19
F 4	22 54 7	11°48'34	5 ^h 24	17°18	7°38	12° 5	17°51	20°29	7°26	21°34	17°30	22° 2	22°56	15°26	28°21
S 5	22 58 3	12°46'49	17°16	19° 7	8°52	12°42	18° 4	20°24	7°29	21°36	17°28	21°50	22°53	15°33	28°24
S 6	23 2 0	13°45'05	29° 8	20°55	10° 5	13°19	18°16	20°20	7°32	21°38	17°27	21°38	22°50	15°39	28°26
M 7	23 5 56	14°43'23	11 ^h 0	22°41	11°18	13°56	18°29	20°15	7°35	21°40	17°26	21°29	22°47	15°46	28°29
T 8	23 9 53	15°41'43	22°55	24°27	12°32	14°33	18°41	20°11	7°39	21°42	17°25	21°23	22°44	15°53	28°31
W 9	23 13 50	16°40'06	4 ^h 57	26°11	13°45	15°10	18°53	20° 6	7°42	21°44	17°24	21°19	22°40	15°59	28°34
T 10	23 17 46	17°38'30	17° 7	27°54	14°58	15°47	19° 6	20° 1	7°45	21°45	17°23	21°D18	22°37	16° 6	28°36
F 11	23 21 43	18°36'56	29°30	29°36	16°11	16°23	19°18	19°57	7°48	21°47	17°22	21°18	22°34	16°13	28°38
S 12	23 25 39	19°35'25	12 ^h 11	1 ^h 17	17°25	17° 0	19°30	19°52	7°51	21°49	17°20	21°19	22°31	16°20	28°40
S 13	23 29 36	20°33'56	25°13	2°57	18°38	17°36	19°42	19°47	7°54	21°51	17°19	21°R19	22°28	16°26	28°42
M14	23 33 32	21°32'29	8 ^z 41	4°36	19°51	18°12	19°55	19°43	7°57	21°53	17°18	21°18	22°25	16°33	28°44
T 15	23 37 29	22°31'04	22°37	6°14	21° 4	18°48	20° 7	19°38	8° 0	21°55	17°17	21°14	22°21	16°40	28°46
W16	23 41 25	23°29'42	7 ^h 1	7°50	22°18	19°24	20°19	19°33	8° 2	21°57	17°16	21° 9	22°18	16°46	28°48
T 17	23 45 22	24°28'21	21°51	9°26	23°31	20° 0	20°31	19°29	8° 5	21°59	17°15	21° 1	22°15	16°53	28°49
F 18	23 49 19	25°27'03	6 ^m 59	11° 1	24°44	20°36	20°43	19°24	8° 8	22° 1	17°14	20°53	22°12	17° 0	28°51
S 19	23 53 15	26°25'47	22°16	12°35	25°57	21°12	20°55	19°20	8°11	22° 3	17°13	20°44	22° 9	17° 6	28°52
S 20	23 57 12	27°24'32	7 ^h 31	14° 8	27°10	21°47	21° 6	19°15	8°14	22° 6	17°12	20°37	22° 6	17°13	28°54
M21	0 1 8	28°23'20	22°33	15°40	28°23	22°23	21°18	19°11	8°16	22° 8	17°11	20°32	22° 2	17°20	28°55
T 22	0 5 5	29°22'10	7 ^h 14	17°11	29°36	22°58	21°30	19° 6	8°19	22°10	17°10	20°29	21°59	17°27	28°57
W23	0 9 1	0 ^h 21'01	21°29	18°41	0 ^m 49	23°33	21°41	19° 1	8°22	22°12	17° 9	20°D29	21°56	17°33	28°58
T 24	0 12 58	1°19'54	5 ^h 16	20°10	2° 2	24° 8	21°53	18°57	8°24	22°14	17° 9	20°29	21°53	17°40	28°59
F 25	0 16 54	2°18'49	18°35	21°38	3°15	24°43	22° 4	18°53	8°27	22°16	17° 8	20°30	21°50	17°47	29° 0
S 26	0 20 51	3°17'46	1 ^z 31	23° 5	4°28	25°18	22°16	18°48	8°29	22°18	17° 7	20°R31	21°46	17°53	29° 1
S 27	0 24 48	4°16'44	14° 5	24°31	5°41	25°52	22°27	18°44	8°32	22°20	17° 6	20°31	21°43	18° 0	29° 2
M28	0 28 44	5°15'45	26°24	25°56	6°54	26°27	22°38	18°39	8°34	22°22	17° 5	20°28	21°40	18° 7	29° 3
T 29	0 32 41	6°14'46	8 ^z 30	27°20	8° 7	27° 1	22°50	18°35	8°36	22°25	17° 4	20°24	21°37	18°14	29° 4
W30	0 36 37	7 ^h 13'50	20 ^z 29	28 ^h 43	9 ^m 20	27 ^z 36	23 ^h 1	18 ^h 31	8 ^h 39	22 ^h 27	17 ^z 4	20 ^m 18	21 ^m 34	18 ^h 20	29 ^h 4

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	8n15	15s46	4n37	8n38	1n36	0s44	0n56	23n33	0n29	16n18	0n39	5s51	2s21	19n 3	0n35	6s50	1n40	24s17	9s10	18s27	18s34	1s29	17n46	5s41
W 2	7 53	12 36	4 56	7 52	1 32	1 15	0 54	23 31	0 30	16 14	0 39	5 53	2 21	19 2	0 35	6 51	1 40	24 18	9 10	18 24	18 33	1 26	17 46	5 41
T 3	7 31	8 58	5 1	7 5	1 28	1 46	0 52	23 29	0 31	16 11	0 39	5 55	2 21	19 1	0 35	6 51	1 40	24 18	9 10	18 21	18 32	1 24	17 45	5 42
F 4	7 8	5 0	4 53	6 18	1 24	2 17	0 49	23 27	0 32	16 7	0 39	5 56	2 21	19 0	0 35	6 52	1 40	24 18	9 10	18 18	18 32	1 22	17 45	5 42
S 5	6 46	0 51	4 33	5 31	1 19	2 48	0 47	23 24	0 33	16 3	0 39	5 58	2 21	18 59	0 35	6 53	1 40	24 19	9 9	18 15	18 31	1 19	17 44	5 43
S 6	6 24	3n19	4 0	4 44	1 14	3 19	0 45	23 21	0 34	15 59	0 39	6 0	2 21	18 59	0 35	6 53	1 40	24 19	9 9	18 12	18 30	1 17	17 44	5 43
M 7	6 1	7 23	3 17	3 57	1 9	3 50	0 43	23 19	0 35	15 56	0 39	6 2	2 22	18 58	0 35	6 54	1 40	24 19	9 9	18 9	18 29	1 15	17 43	5 44
T 8	5 39	11 10	2 25	3 10	1 3	4 20	0 40	23 16	0 36	15 52	0 39	6 4	2 22	18 57	0 35	6 55	1 40	24 20	9 9	18 8	18 28	1 13	17 43	5 45
W 9	5 16	14 32	1 26	2 24	0 57	4 51	0 38	23 13	0 37	15 48	0 39	6 6	2 22	18 56	0 35	6 56	1 40	24 20	9 9	18 7	18 28	1 10	17 42	5 45
T 10	4 53	17 19	0 22	1 37	0 51	5 22	0 35	23 9	0 38	15 44	0 40	6 8	2 22	18 55	0 35	6 56	1 40	24 20	9 9	18 6	18 27	1 8	17 42	5 46
F 11	4 30	19 21	0s44	0 50	0 45	5 52	0 33	23 6	0 39	15 41	0 40	6 10	2 22	18 55	0 36	6 57	1 40	24 21	9 9	18 6	18 26	1 6	17 41	5 46
S 12	4 8	20 28	1 49	0 4	0 38	6 23	0 30	23 2	0 40	15 37	0 40	6 11	2 22	18 54	0 36	6 58	1 40	24 21	9 9	18 7	18 25	1 4	17 41	5 47
S 13	3 45	20 32	2 51	0s42	0 31	6 53	0 27	22 59	0 41	15 33	0 40	6 13	2 22	18 53	0 36	6 59	1 40	24 21	9 9	18 7	18 24	1 1	17 40	5 47
M14	3 21	19 26	3 45	1 27	0 25	7 23	0 25	22 55	0 42	15 30	0 40	6 15	2 22	18 52	0 36	6 59	1 40	24 21	9 9	18 6	18 24	0 59	17 40	5 48
T 15	2 58	17 9	4 28	2 12	0 18	7 53	0 22	22 51	0 43	15 26	0 40	6 17	2 22	18 52	0 36	7 0	1 40	24 22	9 9	18 5	18 23	0 57	17 39	5 48
W16	2 35	13 45	4 56	2 57	0 10	8 23	0 19	22 47	0 44	15 22	0 40	6 19	2 22	18 51	0 36	7 1	1 40	24 22	9 9	18 4	18 22	0 55	17 39	5 49
T 17	2 12	9 25	5 5	3 42	0 3	8 53	0 16	22 43	0 45	15 18	0 41	6 21	2 22	18 50	0 36	7 2	1 40	24 22	9 9	18 2	18 21	0 52	17 38	5 49
F 18	1 49	4 25	4 54	4 26	0s 4	9 23	0 14	22 38	0 46	15 15	0 41	6 23	2 22	18 50	0 36	7 2	1 40	24 22	9 9	18 0	18 20	0 50	17 38	5 50
S 19	1 25	0s55	4 21	5 9	0 11	9 52	0 11	22 34	0 47	15 11	0 41	6 24	2 22	18 49	0 36	7 3	1 40	24 23	9 8	17 57	18 19	0 48	17 37	5 51
S 20	1 2	6 11	3 30	5 52	0 19	10 21	0 8	22 29	0 48	15 7	0 41	6 26	2 22	18 48	0 36	7 4	1 40	24 23	9 8	17 56	18 19	0 46	17 37	5 51
M21	0 38	11 1	2 24	6 34	0 26	10 50	0 5	22 25	0 49	15 4	0 41	6 28	2 22	18 48	0 36	7 5	1 40	24 23	9 8	17 54	18 18	0 43	17 36	5 52
T 22	0 15	15 3	1 11	7 16	0 34	11 19	0 2	22 20	0 50	15 0	0 41	6 30	2 22	18 47	0 36	7 6	1 40	24 23	9 8	17 53	18 17	0 41	17 35	5 52
W23	0s 8	18 4	0n 5	7 57	0 41	11 47	0s 1	22 15	0 51	14 57	0 41	6 32	2 22	18 46	0 36	7 6	1 40	24 23	9 8	17 53	18 16	0 39	17 35	5 53
T 24	0 32	19 54	1 19	8 38	0 48	12 15	0 4	22 10	0 52	14 53	0 41	6 33	2 22	18 46	0 36	7 7	1 40	24 24	9 8	17 53	18 15	0 37	17 34	5 53
F 25	0 55	20 33	2 26	9 18	0 56	12 43	0 7	22 5	0 53	14 49	0 42	6 35	2 22	18 45	0 36	7 8	1 40	24 24	9 8	17 54	18 15	0 34	17 34	5 54
S 26	1 19	20 4	3 23	9 58	1 3	13 11	0 10	21 59	0 54	14 46	0 42	6 37	2 22	18 44	0 36	7 9	1 40	24 24	9 8	17 54	18 14	0 32	17 33	5 55
S 27	1 42	18 36	4 9	10 36	1 11	13 38	0 13	21 54	0 55	14 42	0 42	6 38	2 22	18 44	0 36	7 10	1 40	24 24	9 8	17 54	18 13	0 30	17 33	5 55
M28	2 6	16 17	4 42	11 14	1 18	14 5	0 16	21 49	0 56	14 39	0 42	6 40	2 22	18 43	0 36	7 10	1 40	24 24	9 7	17 53	18 12	0 28	17 32	5 56
T 29																								

SWISS EPHEMERIS for the year 1789

OCTOBER 1789

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	0 40 34	8♁12'56	2♃23	0♁ 5	10♁33	28♁10	23♁12	18°R27	8♁41	22♁29	17°R 3	20°R11	21♁31	18♃27	29♁ 5
F 2	0 44 30	9°12'03	14°14	1°26	11°46	28°44	23°23	18♃22	8°43	22°31	17° 2	20♁ 3	21°27	18°34	29° 5
S 3	0 48 27	10°11'12	26° 6	2°46	12°59	29°17	23°34	18°18	8°46	22°33	17° 2	19°55	21°24	18°40	29° 6
S 4	0 52 23	11°10'24	8♃ 1	4° 4	14°12	29°51	23°44	18°14	8°48	22°36	17° 1	19°48	21°21	18°47	29° 6
M 5	0 56 20	12° 9'37	19°59	5°21	15°24	0♁25	23°55	18°10	8°50	22°38	17° 0	19°43	21°18	18°54	29° 6
T 6	1 0 16	13° 8'53	2♃ 2	6°37	16°37	0°58	24° 6	18° 6	8°52	22°40	17° 0	19°39	21°15	19° 1	29° 6
W 7	1 4 13	14° 8'10	14°13	7°51	17°50	1°31	24°16	18° 2	8°54	22°42	16°59	19°D38	21°11	19° 7	29° 7
T 8	1 8 10	15° 7'30	26°33	9° 4	19° 3	2° 4	24°27	17°58	8°56	22°44	16°58	19°38	21° 8	19°14	29°R 7
F 9	1 12 6	16° 6'52	9♁ 5	10°15	20°15	2°37	24°37	17°55	8°58	22°47	16°58	19°39	21° 5	19°21	29° 6
S 10	1 16 3	17° 6'17	21°52	11°25	21°28	3°10	24°47	17°51	9° 0	22°49	16°57	19°41	21° 2	19°27	29° 6
S 11	1 19 59	18° 5'43	4♁56	12°32	22°40	3°43	24°58	17°47	9° 2	22°51	16°57	19°42	20°59	19°34	29° 6
M12	1 23 56	19° 5'13	18°21	13°37	23°53	4°15	25° 8	17°44	9° 3	22°53	16°56	19°R43	20°56	19°41	29° 6
T 13	1 27 52	20° 4'44	2♁ 9	14°40	25° 6	4°48	25°18	17°40	9° 5	22°56	16°56	19°42	20°52	19°47	29° 5
W14	1 31 49	21° 4'18	16° 9	15°41	26°18	5°20	25°28	17°36	9° 7	22°58	16°55	19°41	20°49	19°54	29° 5
T 15	1 35 45	22° 3'54	0♁51	16°39	27°31	5°52	25°37	17°33	9° 9	23° 0	16°55	19°38	20°46	20° 1	29° 4
F 16	1 39 42	23° 3'32	15°40	17°33	28°43	6°24	25°47	17°30	9°10	23° 2	16°55	19°34	20°43	20° 8	29° 4
S 17	1 43 39	24° 3'12	0♁40	18°24	29°56	6°55	25°57	17°26	9°12	23° 5	16°54	19°30	20°40	20°14	29° 3
S 18	1 47 35	25° 2'55	15°42	19°12	1♃ 8	7°27	26° 6	17°23	9°13	23° 7	16°54	19°27	20°37	20°21	29° 2
M19	1 51 32	26° 2'39	0♁37	19°56	2°21	7°58	26°16	17°20	9°15	23° 9	16°54	19°25	20°33	20°28	29° 1
T 20	1 55 28	27° 2'26	15°17	20°35	3°33	8°29	26°25	17°17	9°16	23°11	16°53	19°D24	20°30	20°34	29° 0
W21	1 59 25	28° 2'15	29°36	21° 8	4°45	9° 0	26°34	17°14	9°17	23°13	16°53	19°24	20°27	20°41	28°59
T 22	2 3 21	29° 2'05	13♃29	21°37	5°58	9°31	26°43	17°11	9°19	23°16	16°53	19°25	20°24	20°48	28°58
F 23	2 7 18	0♁ 1'57	26°56	21°59	7°10	10° 1	26°52	17° 9	9°20	23°18	16°53	19°27	20°21	20°55	28°57
S 24	2 11 14	1° 1'51	9♁57	22°15	8°22	10°31	27° 1	17° 6	9°21	23°20	16°52	19°28	20°17	21° 1	28°56
S 25	2 15 11	2° 1'47	22°37	22°23	9°34	11° 2	27°10	17° 3	9°22	23°22	16°52	19°29	20°14	21° 8	28°54
M26	2 19 8	3° 1'44	4♁57	22°R24	10°46	11°31	27°18	17° 1	9°23	23°25	16°52	19°R29	20°11	21°15	28°53
T 27	2 23 4	4° 1'43	17° 4	22°16	11°59	12° 1	27°27	16°58	9°25	23°27	16°52	19°29	20° 8	21°21	28°51
W28	2 27 1	5° 1'43	29° 2	21°59	13°11	12°31	27°35	16°56	9°26	23°29	16°52	19°28	20° 5	21°28	28°50
T 29	2 30 57	6° 1'45	10♃54	21°33	14°23	13° 0	27°43	16°54	9°26	23°31	16°52	19°26	20° 2	21°35	28°48
F 30	2 34 54	7° 1'49	22°45	20°57	15°35	13°29	27°51	16°52	9°27	23°33	16°D52	19°24	19°58	21°41	28°46
S 31	2 38 50	8♁ 1'54	4♃39	20♁12	16♃47	13♁58	27♁59	16♃50	9♁28	23♁36	16♁52	19♁22	19♁55	21♃48	28♁44

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	3s16	5s56	5n 2	13s 4	1s39	15s24	0s25	21n32	1n 0	14n28	0n43	6s45	2s22	18n41	0n36	7s13	1n40	24s25	9s 7	17s48	18s10	0s21	17n30	5s57
F 2	3 39	1 52	4 42	13 39	1 46	15 50	0 28	21 26	1 14	14 25	0 43	6 47	2 22	18 41	0 36	7 14	1 40	24 25	9 7	17 46	18 9	0 19	17 30	5 58
S 3	4 2	2n16	4 10	14 13	1 53	16 15	0 31	21 20	1 2	14 21	0 43	6 48	2 22	18 40	0 36	7 15	1 40	24 25	9 7	17 44	18 8	0 16	17 29	5 59
S 4	4 26	6 21	3 27	14 46	2 0	16 40	0 34	21 14	1 3	14 18	0 43	6 50	2 22	18 40	0 36	7 15	1 40	24 25	9 7	17 42	18 7	0 14	17 29	5 59
M 5	4 49	10 12	2 34	15 18	2 6	17 4	0 38	21 8	1 4	14 15	0 43	6 51	2 22	18 39	0 36	7 16	1 40	24 25	9 7	17 41	18 6	0 12	17 28	6 0
T 6	5 12	13 40	1 34	15 50	2 13	17 28	0 41	21 2	1 5	14 11	0 43	6 53	2 22	18 39	0 36	7 17	1 40	24 25	9 6	17 40	18 5	0 10	17 27	6 0
W 7	5 35	16 36	0 30	16 20	2 19	17 52	0 44	20 55	1 6	14 8	0 44	6 54	2 22	18 38	0 36	7 18	1 40	24 25	9 6	17 40	18 5	0 7	17 27	6 1
T 8	5 58	18 48	0s38	16 49	2 25	18 15	0 47	20 49	1 8	14 4	0 44	6 56	2 21	18 38	0 36	7 19	1 40	24 25	9 6	17 40	18 4	0 5	17 26	6 2
F 9	6 21	20 7	1 44	17 17	2 30	18 38	0 50	20 43	1 9	14 1	0 44	6 57	2 21	18 37	0 36	7 19	1 40	24 25	9 6	17 40	18 3	0 3	17 26	6 2
S 10	6 44	20 26	2 47	17 44	2 36	19 0	0 53	20 36	1 10	13 58	0 44	6 59	2 21	18 37	0 36	7 20	1 40	24 25	9 6	17 40	18 2	0 1	17 25	6 3
S 11	7 6	19 40	3 43	18 10	2 41	19 22	0 56	20 30	1 11	13 55	0 44	7 0	2 21	18 36	0 36	7 21	1 40	24 25	9 6	17 41	18 1	0n 1	17 24	6 3
M12	7 29	17 47	4 28	18 34	2 46	19 43	0 59	20 23	1 12	13 51	0 44	7 1	2 21	18 36	0 37	7 22	1 40	24 25	9 6	17 41	18 0	0 4	17 24	6 4
T 13	7 51	14 51	4 59	18 58	2 50	20 4	1 2	20 17	1 14	13 48	0 45	7 3	2 21	18 35	0 37	7 23	1 40	24 25	9 5	17 41	18 0	0 6	17 23	6 4
W14	8 14	10 59	5 13	19 19	2 54	20 24	1 5	20 10	1 15	13 45	0 45	7 4	2 21	18 35	0 37	7 24	1 40	24 25	9 5	17 40	17 59	0 8	17 23	6 5
T 15	8 36	6 23	5 8	19 39	2 57	20 44	1 8	20 3	1 16	13 42	0 45	7 5	2 21	18 35	0 37	7 24	1 40	24 25	9 5	17 40	17 58	0 10	17 22	6 6
F 16	8 58	1 19	4 42	19 58	3 0	21 3	1 11	19 56	1 17	13 39	0 45	7 6	2 21	18 34	0 37	7 25	1 40	24 25	9 5	17 39	17 57	0 13	17 22	6 6
S 17	9 20	3s53	3 57	20 15	3 3	21 22	1 14	19 50	1 18	13 36	0 45	7 7	2 21	18 34	0 37	7 26	1 40	24 25	9 5	17 38	17 56	0 15	17 21	6 7
S 18	9 42	8 53	2 55	20 30	3 4	21 40	1 17	19 43	1 20	13 33	0 45	7 9	2 20	18 34	0 37	7 27	1 40	24 25	9 5	17 37	17 55	0 17	17 20	6 7
M19	10 4	13 17	1 42	20 43	3 6	21 58	1 20	19 36	1 21	13 30	0 46	7 10	2 20	18 33	0 37	7 28	1 40	24 25	9 4	17 36	17 55	0 19	17 20	6 8
T 20	10 26	16 48	0 23	20 54	3 6	22 15	1 23	19 29	1 22	13 27	0 46	7 11	2 20	18 33	0 37	7 29	1 40	24 25	9 4	17 36	17 54	0 21	17 19	6 8
W21	10 47	19 10	0n56	21 3	3 5	22 31	1 26	19 22	1 23	13 24	0 46	7 12	2 20	18 32	0 37	7 29	1 40	24 25	9 4	17 36	17 53	0 24	17 19	6 9
T 22	11 9	20 18	2 9	21 9	3 4	22 47	1 29	19 15	1 25	13 21	0 46	7 13	2 20	18 32	0 37	7 30	1 40	24 25	9 4	17 36	17 52	0 26	17 18	6 9
F 23	11 30	20 13	3 13	21 12	3 2	23 2	1 31	19 8	1 26	13 18	0 46	7 14	2 20	18 32	0 37	7 31	1 40	24 25	9 4	17 37	17 51	0 28	17 18	6 10
S 24	11 51	19 2	4 4	21 13	2 58	23 16	1 34	19 1	1 27	13 15	0 47	7 15	2 20	18 32	0 37	7 32	1 40	24 25	9 4	17 37	17 50	0 30	17 17	6 11
S 25	12 11	16 56	4 42	21 11	2 53	23 30	1 37	18 54	1 29	13 12	0 47	7 16	2 20	18 31	0 37	7 33	1 40	24 24	9 3	17 37	17 49	0 33	17 17	6 11
M26	12 32	14 6	5 6	21 5	2 47	23 44	1 39	18 47	1 30	13 9	0 47	7 17	2 19	18 31	0 37	7 33	1 40	24 24	9 3	17 37	17 49	0 35	17 16	6 12
T 27	12 53	10 43	5 16	20 55	2 39	23 56	1 42	18 40	1 31	13 7	0 47	7 17	2 19	18 31	0 37	7 34	1 40	24 24	9 3	17 37	17 48	0 37	17 15	6 12
W28	13 13	6 57	5 12	20 42	2 30	24 8	1 45	18 33	1 33	13 4	0 47	7 18	2 19	18 31	0 37	7 35	1 40	24 24	9 3	17 37	17 47	0 39	17 15	6 13
T 29	13 33	2 57	4 54	20 25	2 20																			

SWISS EPHEMERIS for the year 1789

NOVEMBER 1789

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	2 42 47	9♈ 2'01	16♁37	19°R17	17♁59	14♁26	28♁ 7	16°R48	9♁29	23♁38	16♁52	19°R21	19♈52	21♁55	28°R42
M 2	2 46 43	10° 2'10	28°43	18♈15	19°10	14°55	28°15	16°R46	9°30	23°40	16°52	19°R19	19°49	22° 2	28♈40
T 3	2 50 40	11° 2'20	10♁59	17° 5	20°22	15°23	28°22	16°44	9°30	23°42	16°52	19°19	19°46	22° 8	28°38
W 4	2 54 37	12° 2'33	23°25	15°50	21°34	15°51	28°30	16°42	9°31	23°44	16°52	19°D19	19°43	22°15	28°36
T 5	2 58 33	13° 2'47	6♁ 3	14°31	22°46	16°18	28°37	16°41	9°31	23°46	16°52	19°19	19°39	22°22	28°34
F 6	3 2 30	14° 3'03	18°53	13°11	23°57	16°46	28°44	16°39	9°32	23°49	16°52	19°20	19°36	22°28	28°32
S 7	3 6 26	15° 3'21	1♁57	11°53	25° 9	17°13	28°51	16°38	9°32	23°51	16°53	19°20	19°33	22°35	28°29
S 8	3 10 23	16° 3'41	15°14	10°40	26°20	17°40	28°58	16°37	9°33	23°53	16°53	19°20	19°30	22°42	28°27
M 9	3 14 19	17° 4'03	28°46	9°32	27°32	18° 6	29° 5	16°36	9°33	23°55	16°53	19°21	19°27	22°48	28°24
T 10	3 18 16	18° 4'27	12♁33	8°33	28°43	18°33	29°11	16°35	9°33	23°57	16°53	19°21	19°23	22°55	28°22
W 11	3 22 12	19° 4'52	26°35	7°45	29°55	18°59	29°18	16°34	9°34	23°59	16°54	19°21	19°20	23° 2	28°19
T 12	3 26 9	20° 5'20	10♁50	7° 7	1♁ 6	19°24	29°24	16°33	9°34	24° 1	16°54	19°21	19°17	23° 9	28°17
F 13	3 30 6	21° 5'50	25°16	6°41	2°17	19°50	29°30	16°32	9°34	24° 3	16°54	19°21	19°14	23°15	28°14
S 14	3 34 2	22° 6'21	9♁49	6°26	3°28	20°15	29°36	16°31	9°R34	24° 5	16°55	19°21	19°11	23°22	28°11
S 15	3 37 59	23° 6'54	24°25	6°D23	4°39	20°40	29°42	16°31	9°34	24° 7	16°55	19°22	19° 8	23°29	28° 8
M 16	3 41 55	24° 7'29	8♈58	6°31	5°50	21° 5	29°48	16°31	9°34	24° 9	16°56	19°22	19° 4	23°35	28° 5
T 17	3 45 52	25° 8'06	23°21	6°49	7° 1	21°29	29°53	16°30	9°34	24°11	16°56	19°R22	19° 1	23°42	28° 2
W 18	3 49 48	26° 8'44	7♁29	7°17	8°12	21°53	29°58	16°30	9°34	24°13	16°57	19°22	18°58	23°49	27°59
T 19	3 53 45	27° 9'23	21°18	7°53	9°23	22°16	0♁ 4	16°D30	9°33	24°15	16°57	19°21	18°55	23°55	27°56
F 20	3 57 41	28°10'04	4♁45	8°36	10°34	22°40	0° 9	16°30	9°33	24°17	16°58	19°20	18°52	24° 2	27°53
S 21	4 1 38	29°10'46	17°50	9°27	11°45	23° 3	0°13	16°30	9°33	24°19	16°58	19°19	18°49	24° 9	27°50
S 22	4 5 35	0♁11'29	0♁34	10°23	12°55	23°25	0°18	16°30	9°32	24°21	16°59	19°17	18°45	24°16	27°47
M 23	4 9 31	1°12'13	12°58	11°24	14° 6	23°47	0°23	16°31	9°32	24°23	16°59	19°16	18°42	24°22	27°43
T 24	4 13 28	2°12'58	25° 7	12°30	15°16	24° 9	0°27	16°31	9°31	24°25	17° 0	19°15	18°39	24°29	27°40
W 25	4 17 24	3°13'45	7♁ 6	13°39	16°26	24°31	0°31	16°32	9°31	24°27	17° 1	19°D15	18°36	24°36	27°37
T 26	4 21 21	4°14'32	18°58	14°52	17°37	24°52	0°35	16°32	9°30	24°28	17° 1	19°16	18°33	24°42	27°33
F 27	4 25 17	5°15'20	0♁49	16° 8	18°47	25°12	0°39	16°33	9°30	24°30	17° 2	19°17	18°29	24°49	27°30
S 28	4 29 14	6°16'09	12°43	17°26	19°57	25°33	0°42	16°34	9°29	24°32	17° 3	19°18	18°26	24°56	27°26
S 29	4 33 10	7°16'59	24°45	18°46	21° 6	25°53	0°46	16°35	9°28	24°34	17° 4	19°20	18°23	25° 2	27°23
M 30	4 37 7	8♁17'50	6♁58	20♈ 8	22♁16	26♁12	0♁49	16°R36	9♁27	24♁36	17♁ 4	19♈21	18♈20	25♁ 9	27♁19

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s31	9n11	2n51	19s 7	1s37	24s49	1s54	18n 5	1n38	12n54	0n48	7s21	2s18	18n30	0n37
M 2	14 50	12 46	1 52	18 33	1 19	24 58	1 57	17 58	1 40	12 51	0 48	7 21	2 18	18 30	0 37
T 3	15 9	15 52	0 46	17 55	1 1	25 5	1 59	17 51	1 41	12 49	0 49	7 22	2 18	18 30	0 37
W 4	15 28	18 17	0s23	17 15	0 41	25 12	2 1	17 44	1 42	12 46	0 49	7 22	2 18	18 29	0 37
T 5	15 46	19 50	1 32	16 32	0 20	25 19	2 3	17 37	1 44	12 44	0 49	7 23	2 18	18 29	0 37
F 6	16 4	20 24	2 37	15 49	0n 0	25 25	2 5	17 30	1 45	12 42	0 49	7 23	2 18	18 29	0 38
S 7	16 22	19 52	3 35	15 5	0 21	25 29	2 7	17 23	1 47	12 40	0 50	7 23	2 17	18 29	0 38
S 8	16 40	18 14	4 23	14 24	0 40	25 34	2 9	17 16	1 48	12 37	0 50	7 24	2 17	18 29	0 38
M 9	16 57	15 34	4 57	13 45	0 59	25 37	2 11	17 10	1 50	12 35	0 50	7 24	2 17	18 29	0 38
T 10	17 14	12 1	5 15	13 10	1 16	25 40	2 12	17 3	1 51	12 33	0 50	7 24	2 17	18 29	0 38
W 11	17 31	7 44	5 15	12 40	1 32	25 42	2 14	16 56	1 53	12 31	0 50	7 25	2 17	18 29	0 38
T 12	17 47	2 57	4 56	12 15	1 45	25 43	2 16	16 49	1 54	12 29	0 51	7 25	2 17	18 29	0 38
F 13	18 3	2s 3	4 17	11 55	1 57	25 44	2 17	16 43	1 56	12 27	0 51	7 25	2 16	18 29	0 38
S 14	18 19	7 0	3 22	11 42	2 6	25 44	2 19	16 36	1 57	12 25	0 51	7 25	2 16	18 29	0 38
S 15	18 34	11 33	2 14	11 33	2 14	25 43	2 20	16 30	1 59	12 24	0 51	7 25	2 16	18 29	0 38
M 16	18 49	15 24	0 57	11 31	2 20	25 41	2 21	16 23	2 1	12 22	0 52	7 25	2 16	18 29	0 38
T 17	19 4	18 16	0n22	11 33	2 24	25 39	2 22	16 17	2 2	12 20	0 52	7 25	2 16	18 29	0 38
W 18	19 19	19 57	1 39	11 39	2 26	25 36	2 23	16 11	2 4	12 18	0 52	7 25	2 15	18 29	0 38
T 19	19 33	20 23	2 48	11 50	2 27	25 32	2 24	16 5	2 5	12 17	0 52	7 25	2 15	18 29	0 38
F 20	19 46	19 37	3 46	12 4	2 27	25 27	2 25	15 59	2 7	12 15	0 53	7 24	2 15	18 29	0 38
S 21	20 0	17 48	4 30	12 21	2 26	25 22	2 26	15 53	2 9	12 14	0 53	7 24	2 15	18 30	0 38
S 22	20 13	15 10	5 0	12 40	2 24	25 16	2 26	15 47	2 10	12 12	0 53	7 24	2 15	18 30	0 38
M 23	20 25	11 54	5 15	13 2	2 21	25 9	2 27	15 41	2 12	12 11	0 53	7 24	2 15	18 30	0 38
T 24	20 38	8 13	5 15	13 26	2 17	25 2	2 27	15 35	2 14	12 10	0 54	7 23	2 14	18 30	0 38
W 25	20 49	4 15	5 2	13 51	2 13	24 54	2 28	15 30	2 16	12 8	0 54	7 23	2 14	18 30	0 38
T 26	21 1	0 9	4 35	14 17	2 8	24 45	2 28	15 24	2 17	12 7	0 54	7 23	2 14	18 30	0 38
F 27	21 12	3n57	3 57	14 44	2 2	24 36	2 28	15 19	2 19	12 6	0 54	7 22	2 14	18 31	0 38
S 28	21 23	7 56	3 9	15 11	1 56	24 25	2 28	15 14	2 21	12 5	0 55	7 22	2 14	18 31	0 38
S 29	21 33	11 38	2 12	15 39	1 50	24 15	2 28	15 9	2 23	12 4	0 55	7 21	2 13	18 31	0 38
M 30	21s43	14n55	1n 8	16s 8	1n44	24s 3	2s28	15n 4	2n25	12n 3	0n55	7s20	2s13	18n31	0n38

Julian Day Number = 2374783.5, Delta T = 16.50 sec
 Ecliptic obliquity = 23°27'54, Nutation = 0°00'12
 Ayanamsha: Fagan/Bradley = 21°48'22, Lahiri = 20°55'22Greg. Calendar

SWISS EPHEMERIS for the year 1789

DECEMBER 1789

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
T 1	4 41 4	9°18'42	19°25	21°32	23°26	26°31	0°52	16°37	9°26	24°37	17°5	19°R22	18°17	25°16	27°R16	
W 2	4 45 0	10°19'35	2°II 8	22°57	24°35	26°50	0°55	16°38	9°26	24°39	17° 6	19°R21	18°14	25°22	27°II12	
T 3	4 48 57	11°20'29	15° 6	24°23	25°45	27° 8	0°58	16°40	9°25	24°41	17° 7	19°19	18°10	25°29	27° 8	
F 4	4 52 53	12°21'25	28°21	25°50	26°54	27°26	1° 0	16°41	9°24	24°42	17° 8	19°17	18° 7	25°36	27° 5	
S 5	4 56 50	13°22'21	11°51	27°17	28° 3	27°43	1° 3	16°43	9°22	24°44	17° 9	19°13	18° 4	25°43	27° 1	
S 6	5 0 46	14°23'18	25°33	28°46	29°12	28° 0	1° 5	16°45	9°21	24°46	17°10	19° 9	18° 1	25°49	26°57	
M 7	5 4 43	15°24'16	9°25	0°15	0°21	28°16	1° 7	16°46	9°20	24°47	17°11	19° 6	17°58	25°56	26°53	
T 8	5 8 39	16°25'16	23°25	1°45	1°30	28°32	1° 9	16°48	9°19	24°49	17°12	19° 3	17°55	26° 3	26°49	
W 9	5 12 36	17°26'16	7°30	3°15	2°38	28°48	1°10	16°50	9°18	24°50	17°13	19° 1	17°51	26° 9	26°46	
T 10	5 16 33	18°27'18	21°39	4°45	3°46	29° 3	1°12	16°53	9°16	24°52	17°14	19°D 1	17°48	26°16	26°42	
F 11	5 20 29	19°28'20	5°49	6°16	4°55	29°17	1°13	16°55	9°15	24°53	17°15	19° 1	17°45	26°23	26°38	
S 12	5 24 26	20°29'24	19°59	7°47	6° 3	29°31	1°14	16°57	9°14	24°55	17°16	19° 3	17°42	26°29	26°34	
S 13	5 28 22	21°30'29	4°11	9°18	7°11	29°44	1°15	17° 0	9°12	24°56	17°17	19° 4	17°39	26°36	26°30	
M14	5 32 19	22°31'34	18°10	10°50	8°18	29°57	1°15	17° 2	9°11	24°58	17°18	19°R 5	17°35	26°43	26°26	
T 15	5 36 15	23°32'41	2°17	12°21	9°26	0°11	1°16	17° 5	9° 9	24°59	17°19	19° 4	17°32	26°50	26°22	
W16	5 40 12	24°33'48	15°51	13°53	10°33	0°20	1°16	17° 7	9° 7	25° 0	17°21	19° 2	17°29	26°56	26°18	
T 17	5 44 8	25°34'56	29°23	15°26	11°40	0°31	1°R16	17°10	9° 6	25° 2	17°22	18°57	17°26	27° 3	26°14	
F 18	5 48 5	26°36'04	12°30	16°58	12°47	0°42	1°16	17°13	9° 4	25° 3	17°23	18°51	17°23	27°10	26°11	
S 19	5 52 2	27°37'13	25°39	18°31	13°54	0°52	1°15	17°16	9° 2	25° 4	17°24	18°44	17°20	27°16	26° 7	
S 20	5 55 58	28°38'22	8°20	20° 4	15° 0	1° 1	1°15	17°19	9° 1	25° 6	17°25	18°37	17°16	27°23	26° 3	
M21	5 59 55	29°39'31	20°45	21°37	16° 7	1° 9	1°14	17°23	8°59	25° 7	17°27	18°30	17°13	27°30	25°59	
T 22	6 3 51	0°30'40	2°11	23°10	17°13	1°17	1°13	17°26	8°57	25° 8	17°28	18°25	17°10	27°36	25°55	
W23	6 7 48	1°41'50	14°54	24°43	18°19	1°24	1°12	17°29	8°55	25° 9	17°29	18°21	17° 7	27°43	25°51	
T 24	6 11 44	2°42'59	26°46	26°17	19°24	1°31	1°11	17°33	8°53	25°10	17°31	18°19	17° 4	27°50	25°47	
F 25	6 15 41	3°44'08	8°13	27°51	20°29	1°37	1° 9	17°36	8°51	25°11	17°32	18°D19	17° 0	27°56	25°43	
S 26	6 19 37	4°45'17	20°29	29°26	21°34	1°42	1° 7	17°40	8°49	25°12	17°33	18°20	16°57	28° 3	25°39	
S 27	6 23 34	5°46'27	2°30	1°30	22°39	1°46	1° 5	17°44	8°47	25°13	17°35	18°22	16°54	28°10	25°35	
M28	6 27 31	6°47'36	14°46	2°35	23°44	1°50	1° 3	17°48	8°45	25°14	17°36	18°R23	16°51	28°16	25°32	
T 29	6 31 27	7°48'45	27°18	4°10	24°48	1°53	1° 1	17°52	8°43	25°15	17°38	18°22	16°48	28°23	25°28	
W30	6 35 24	8°49'54	10°12	5°46	25°51	1°55	0°59	17°56	8°41	25°16	17°39	18°20	16°45	28°30	25°24	
T 31	6 39 20	9°51'02	23°12	7°22	26°55	1°57	0°56	18°00	8°39	25°17	17°40	18°15	16°41	28°37	25°20	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁	♁	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	
T 1	21s52	17n36	0s 0	16s36	1n37	23s51	2s28	14n59	2n26	12n 2	0n55	7s20	2s13	18n32	0n39	7s59	
W 2	22 1 19 28	1 10 17 4	1 30	23 38	2 27	14 54	2 28	12 2	0 56	7 19	2 13	18 32	0 39	8 0	1 41	24 14	
T 3	22 10 20 22	2 17 17 32	1 23	23 25	2 27	14 50	2 30	12 1	0 56	7 18	2 13	18 32	0 39	8 0	1 41	24 13	
F 4	22 18 20 9	3 18 18 0	1 16	23 11	2 26	14 45	2 32	12 0	0 56	7 18	2 12	18 33	0 39	8 1	1 41	24 13	
S 5	22 26 18 47	4 10 18 28	1 9	22 56	2 25	14 41	2 34	12 0	0 56	7 17	2 12	18 33	0 39	8 1	1 41	24 12	
S 6	22 33 16 20	4 48 18 54	1 1	22 41	2 24	14 37	2 36	11 59	0 57	7 16	2 12	18 33	0 39	8 2	1 41	24 12	
M 7	22 40 12 57	5 9 19 21	0 54	22 26	2 23	14 33	2 38	11 59	0 57	7 15	2 12	18 34	0 39	8 3	1 41	24 11	
T 8	22 46 8 48	5 13 19 46	0 47	22 9	2 22	14 29	2 40	11 58	0 57	7 14	2 12	18 34	0 39	8 3	1 41	24 11	
W 9	22 52 4 9	4 57 20 11	0 39	21 52	2 21	14 26	2 42	11 58	0 57	7 13	2 11	18 34	0 39	8 4	1 41	24 11	
T 10	22 58 0s44	4 24 20 35	0 32	21 35	2 19	14 22	2 44	11 58	0 58	7 12	2 11	18 35	0 39	8 4	1 41	24 10	
F 11	23 3 5 36	3 35 20 58	0 25	21 17	2 18	14 19	2 46	11 57	0 58	7 11	2 11	18 35	0 39	8 5	1 41	24 10	
S 12	23 7 10 10	2 33 21 21	0 17	20 58	2 16	14 16	2 48	11 57	0 58	7 10	2 11	18 35	0 39	8 5	1 41	24 9	
S 13	23 12 14 10	1 21 21 42	0 10	20 39	2 14	14 14	2 50	11 57	0 58	7 9	2 11	18 36	0 39	8 6	1 41	24 9	
M14	23 15 17 20	0 5 22 3	0 3	20 20	2 12	14 11	2 52	11 57	0 59	7 8	2 11	18 36	0 39	8 6	1 41	24 8	
T 15	23 18 19 27	1n10	22 22	0s 4	20 0	2 10	14 9	2 54	11 57	0 59	7 7	2 10	18 37	0 39	8 6	1 41	24 8
W16	23 21 20 23	2 21 22 40	0 11	19 39	2 8	14 6	2 56	11 58	0 59	7 5	2 10	18 37	0 39	8 7	1 42	24 7	
T 17	23 23 20 6	3 22 22 58	0 18	19 19	2 5	14 5	2 58	11 58	0 59	7 4	2 10	18 38	0 39	8 7	1 42	24 7	
F 18	23 25 18 42	4 11 23 14	0 25	18 57	2 3	14 3	3 0	11 58	1 0	7 3	2 10	18 38	0 39	8 8	1 42	24 6	
S 19	23 27 16 22	4 45 23 29	0 31	18 35	2 0	14 1	3 2	11 58	1 0	7 1	2 10	18 39	0 39	8 8	1 42	24 6	
S 20	23 27 13 17	5 5 23 43	0 38	18 13	1 57	14 0	3 5	11 59	1 0	7 0	2 9	18 39	0 39	8 9	1 42	24 5	
M21	23 28 9 42	5 9 23 56	0 44	17 51	1 54	13 59	3 7	11 59	1 1	6 59	2 9	18 40	0 39	8 9	1 42	24 5	
T 22	23 28 5 47	5 0 24 7	0 50	17 28	1 51	13 58	3 9	12 0	1 1	6 57	2 9	18 40	0 39	8 9	1 42	24 4	
W23	23 27 1 41	4 37 24 18	0 56	17 4	1 48	13 58	3 11	12 1	1 1	6 56	2 9	18 41	0 39	8 10	1 42	24 4	
T 24	23 26 2n26	4 3 24 27	1 2	16 40	1 45	13 57	3 13	12 1	1 1	6 54	2 9	18 41	0 39	8 10	1 42	24 3	
F 25	23 25 6 27	3 18 24 34	1 8	16 16	1 41	13 57	3 16	12 2	1 2	6 52	2 9	18 42	0 39	8 10	1 42	24 3	
S 26	23 23 10 15	2 25 24 41	1 13	15 52	1 37	13 58	3 18	12 3	1 2	6 51	2 8	18 42	0 39	8 11	1 42	24 2	
S 27	23 20 13 41	1 25 24 46	1 18	15 27	1 34	13 58	3 20	12 4	1 2	6 49	2 8	18 43	0 39	8 11	1 42	24 2	
M28	23 17 16 36	0 20 24 50	1 23	15 2	1 30	13 59	3 22	12 5	1 2	6 48	2 8	18 44	0 39	8 11	1 42	24 1	
T 29	23 14 18 48	0s48	24 52	1 28	14 37	1 26	14 0	3 25	12 6	1 3	6 46	2 8	18 44	0 39	8 12	1 42	24 0
W30	23 10 20 7	1 55 24 53	1 33	14 11	1 21	14 1	3 27	12 7	1 3	6 44	2 8	18 45	0 39	8 12	1 42	24 0	
T 31	23s 6	20n21	2s57	24s53	1s37	13s45	1s17	14n 3	3n29	12n 8	1n 3	6s42	2s 8	18n45	0n39	8s12	

Julian Day Number = 2374813.5, Delta T = 16.50 sec
 Ecliptic obliquity = 23°27'53, Nutation = 0°00'12
 Ayanamsha: Fagan/Bradley = 21°48'26, Lahiri = 20°55'26Greg. Calendar