

SWISS EPHEMERIS for the year 1803

JANUARY 1803

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	6 38 45	9°34'13.2	13°25'	5°12'	9°R 6	29°R55	5°15'	20°R42	11°21'	22°M.58	5°K16	3°R59	5°K16	17°M.24	25°K36	
S 2	6 42 41	10°42'42	27°21'	6°48'	8°Z29	29°II34	5°19'	20°M.42	11°22'	22°59'	5°17'	3°K58	5°13'	17°30'	25°42'	
M 3	6 46 38	11°43'51	11°8' 7	8°24'	7°53'	29°12'	5°22'	20°42'	11°22'	23° 1'	5°18'	3°54'	5° 9'	17°37'	25°49'	
T 4	6 50 34	12°45'00	24°44'	10° 0'	7°17'	28°52'	5°26'	20°42'	11°23'	23° 3'	5°19'	3°49'	5° 6'	17°44'	25°55'	
W 5	6 54 31	13°46'09	8°II11	11°36'	6°42'	28°31'	5°29'	20°41'	11°24'	23° 4'	5°20'	3°41'	5° 3'	17°50'	26° 2'	
T 6	6 58 28	14°47'17	21°25'	13°13'	6° 9'	28°12'	5°32'	20°41'	11°24'	23° 6'	5°21'	3°32'	5° 0'	17°57'	26° 8'	
F 7	7 2 24	15°48'25	4°Z27	14°51'	5°36'	27°53'	5°34'	20°40'	11°25'	23° 7'	5°23'	3°23'	4°57'	18° 4'	26°15'	
S 8	7 6 21	16°49'33	17°15'	16°28'	5° 5'	27°34'	5°37'	20°40'	11°25'	23° 9'	5°24'	3°15'	4°54'	18°10'	26°21'	
S 9	7 10 17	17°50'40	29°48'	18° 7'	4°36'	27°16'	5°39'	20°39'	11°26'	23°10'	5°25'	3° 8'	4°50'	18°17'	26°28'	
M10	7 14 14	18°51'48	12°Z 7	19°45'	4° 9'	26°59'	5°42'	20°38'	11°26'	23°12'	5°26'	3° 3'	4°47'	18°24'	26°34'	
T 11	7 18 10	19°52'54	24°14'	21°25'	3°44'	26°43'	5°44'	20°37'	11°27'	23°13'	5°27'	3° 1'	4°44'	18°30'	26°40'	
W12	7 22 7	20°54'01	6°M.11	23° 4'	3°21'	26°27'	5°45'	20°36'	11°27'	23°15'	5°29'	3°D 1	4°41'	18°37'	26°46'	
T 13	7 26 3	21°55'07	18° 0'	24°44'	3° 0'	26°12'	5°47'	20°34'	11°27'	23°16'	5°30'	3° 2'	4°38'	18°43'	26°53'	
F 14	7 30 0	22°56'13	29°48'	26°25'	2°42'	25°58'	5°49'	20°33'	11°27'	23°17'	5°31'	3° 3'	4°35'	18°50'	26°59'	
S 15	7 33 57	23°57'19	11°Z37	28° 6'	2°26'	25°44'	5°50'	20°31'	11°27'	23°19'	5°32'	3° 5'	4°31'	18°57'	27° 5'	
S 16	7 37 53	24°58'25	23°34'	29°47'	2°12'	25°31'	5°51'	20°30'	11°R27	23°20'	5°34'	3°R 6	4°28'	19° 3'	27°11'	
M17	7 41 50	25°59'30	5°M.44	1°Z29	2° 1'	25°19'	5°52'	20°28'	11°27'	23°21'	5°35'	3° 5'	4°25'	19°10'	27°17'	
T 18	7 45 46	27° 0'35	18°11'	3°12'	1°52'	25° 8'	5°53'	20°26'	11°27'	23°23'	5°36'	3° 3'	4°22'	19°17'	27°23'	
W19	7 49 43	28° 1'40	0°Z59	4°54'	1°46'	24°58'	5°53'	20°24'	11°27'	23°24'	5°38'	2°59'	4°19'	19°23'	27°29'	
T 20	7 53 39	29° 2'44	14°12'	6°37'	1°43'	24°48'	5°53'	20°22'	11°27'	23°25'	5°39'	2°54'	4°15'	19°30'	27°35'	
F 21	7 57 36	0°Z348	27°51'	8°21'	1°D42	24°40'	5°R53	20°20'	11°27'	23°26'	5°40'	2°49'	4°12'	19°37'	27°41'	
S 22	8 1 32	1° 4'51	11°Z55	10° 4'	1°43'	24°32'	5°53'	20°18'	11°27'	23°27'	5°42'	2°44'	4° 9'	19°43'	27°47'	
S 23	8 5 29	2° 5'54	26°20'	11°48'	1°47'	24°24'	5°53'	20°16'	11°26'	23°28'	5°43'	2°39'	4° 6'	19°50'	27°53'	
M24	8 9 26	3° 6'56	10°Z59	13°32'	1°53'	24°18'	5°53'	20°13'	11°26'	23°30'	5°45'	2°36'	4° 3'	19°57'	27°59'	
T 25	8 13 22	4° 7'56	25°47'	15°15'	2° 1'	24°13'	5°52'	20°11'	11°25'	23°31'	5°46'	2°D35	4° 0'	20° 3'	28° 5'	
W26	8 17 19	5° 8'56	10°K35	16°59'	2°12'	24° 8'	5°51'	20° 8'	11°25'	23°32'	5°47'	2°35'	3°56'	20°10'	28°11'	
T 27	8 21 15	6° 9'55	25°17'	18°41'	2°24'	24° 4'	5°50'	20° 6'	11°24'	23°33'	5°49'	2°36'	3°53'	20°17'	28°16'	
F 28	8 25 12	7°10'52	9°Z48	20°24'	2°39'	24° 1'	5°49'	20° 3'	11°24'	23°33'	5°50'	2°37'	3°50'	20°23'	28°22'	
S 29	8 29 8	8°11'48	24° 3'	22° 5'	2°56'	23°59'	5°47'	20° 0'	11°23'	23°34'	5°52'	2°39'	3°47'	20°30'	28°28'	
S 30	8 33 5	9°12'43	8°Z 1	23°45'	3°15'	23°57'	5°46'	19°57'	11°22'	23°35'	5°53'	2°R39	3°44'	20°37'	28°33'	
MB1	8 37 1	10°13'36	21°Z41	25°Z23	3°Z36	23°D57	5°Z44	19°M.54	11°Z22	23°M.36	5°K55	2°K39	3°K41	20°M.43	28°K39	

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	23s 7	8n18	3n15	24s49	1s27	19s16	3n54	27n 1	3n33	0s53	1n19	5n36	2n 4	3s51	0n42	16s53	1n43	21s33	12s54	10s 3	9s36	3n59	18s 1	5n23
S 2	23 2 14 22	4 7 24 49	1 31 19 5	4 7 27 2	3 34 0 54	1 19 5 36	2 5 3 51	0 42 16 53	1 43 21 32	12 54 10 4	9 37 3 56	18 1 5 23												
M 3	22 57 19 40	4 43 24 48	1 36 18 54	4 21 27 3	3 35 0 55	1 20 5 36	2 5 3 52	0 42 16 53	1 43 21 31	12 54 10 5	9 38 3 52	18 1 5 23												
T 4	22 51 23 52	5 3 24 45	1 40 18 43	4 33 27 3	3 35 0 56	1 20 5 37	2 5 3 52	0 42 16 54	1 43 21 31	12 53 10 7	9 39 3 49	18 1 5 23												
W 5	22 45 26 44	5 6 24 41	1 44 18 33	4 45 27 3	3 36 0 57	1 20 5 37	2 6 3 52	0 42 16 54	1 43 21 30	12 53 10 10	9 40 3 46	18 1 5 24												
T 6	22 39 28 3	4 52 24 36	1 48 18 23	4 56 27 4	3 36 0 58	1 20 5 37	2 6 3 52	0 42 16 55	1 43 21 30	12 53 10 13	9 41 3 42	18 1 5 24												
F 7	22 32 27 47	4 43 24 29	1 51 18 14	5 7 27 4	3 37 0 59	1 21 5 38	2 6 3 52	0 42 16 55	1 43 21 29	12 53 10 17	9 43 3 39	18 1 5 24												
S 8	22 24 26 1	3 42 24 20	1 54 18 5	5 17 27 4	3 37 1 0	1 21 5 38	2 6 3 53	0 42 16 55	1 43 21 28	12 53 10 20	9 44 3 36	18 1 5 24												
S 9	22 17 22 59	2 50 24 10	1 57 17 57	5 26 27 3	3 37 1 0	1 21 5 39	2 7 3 53	0 42 16 56	1 43 21 28	12 52 10 22	9 45 3 32	18 1 5 25												
M10	22 8 18 57	1 51 23 58	1 59 17 50	5 34 27 3	3 37 1 1	1 22 5 40	2 7 3 53	0 42 16 56	1 43 21 27	12 52 10 24	9 46 3 29	18 1 5 25												
T 11	22 0 14 12	0 47 23 45	2 1 17 43	5 42 27 3	3 37 1 2	1 22 5 40	2 7 3 53	0 42 16 56	1 43 21 26	12 52 10 25	9 47 3 25	18 0 5 25												
W12	21 50 8 59	0s17 23 31	2 3 17 36	5 49 27 2	3 37 1 2	1 22 5 41	2 7 3 53	0 42 16 56	1 43 21 26	12 52 10 25	9 48 3 22	18 0 5 25												
T 13	21 41 3 30	1 21 23 14	2 4 17 31	5 55 27 2	3 37 1 2	1 22 5 42	2 8 3 53	0 42 16 57	1 43 21 25	12 52 10 24	9 49 3 19	18 0 5 26												
F 14	21 31 2s 4	2 21 22 56	2 5 17 26	6 1 27 1	3 37 1 3	1 23 5 43	2 8 3 53	0 42 16 57	1 43 21 25	12 52 10 24	9 51 3 15	18 0 5 26												
S 15	21 20 7 35	3 15 22 37	2 6 17 21	6 6 27 0	3 36 1 3	1 23 5 43	2 8 3 53	0 42 16 57	1 43 21 24	12 51 10 23	9 52 3 12	18 0 5 26												
S 16	21 10 12 53	4 1 22 16	2 6 17 17	6 10 26 59	3 36 1 3	1 23 5 44	2 9 3 53	0 42 16 58	1 43 21 23	12 51 10 23	9 53 3 8	18 0 5 27												
M17	20 58 17 48	4 37 21 53	2 5 17 14	6 13 26 59	3 36 1 3	1 23 5 45	2 9 3 53	0 43 16 58	1 43 21 23	12 51 10 23	9 54 3 5	17 59 5 27												
T 18	20 47 22 5	5 2 21 29	2 5 17 11	6 16 26 58	3 35 1 3	1 24 5 46	2 9 3 53	0 43 16 58	1 43 21 22	12 51 10 24	9 55 3 2	17 59 5 27												
W19	20 35 25 28	5 12 21 3	2 3 17 9	6 18 26 57	3 35 1 3	1 24 5 47	2 9 3 53	0 43 16 58	1 43 21 21	12 51 10 25	9 56 2 58	17 59 5 28												
T 20	20 22 27 36	5 6 20 36	2 2 17 7	6 20 26 56	3 34 1 3	1 24 5 48	2 10 3 53	0 43 16 59	1 44 21 21	12 51 10 27	9 58 2 55	17 59 5 28												
F 21	20 10 28 10	4 43 20 7	1 59 17 6	6 21 26 55	3 33 1 3	1 25 5 49	2 10 3 53	0 43 16 59	1 44 21 20	12 50 10 29	9 59 2 51	17 58 5 28												
S 22	19 56 26 57	4 2 19 36	1 56 17 5	6 22 26 54	3 33 1 3	1 25 5 50	2 10 3 53	0 43 16 59	1 44 21 19	12 50 10 31	10 0 2 48	17 58 5 29												
S 23	19 43 23 57	3 6 19 5	1 53 17 5	6 22 26 53	3 32 1 2	1 25 5 51	2 10 3 52	0 43 16 59	1 44 21 19	12 50 10 32	10 1 2 45	17 58 5 29												
M24	19 29 19 21	1 56 18 31	1 49 17 6	6 22 26 52	3 31 1 2	1 25 5 53	2 11 3 52	0 43 17 0	1 44 21 18	12 50 10 34	10 2 2 41	17 58 5 30												
T 25	19 15 13 31	0 37 17 56	1 44 17 6	6 21 26 51	3 30 1 1	1 26 5 54	2 11 3 52	0 43 17 0	1 44 21 17	12 50 10 34	10 3 2 38	17 57 5 30												
W26	19 0 6 56	0n44 17 20	1 39 17 7	6 20 26 50	3 30 1 1	1 26 5 55	2 11 3 52	0 43 17 0	1 44 21 17	12 50 10 34	10 5 2 34	17 57 5 30												
T 27	18 45 0 1	2 2 16 42	1 33 17 9	6 18 26 48	3 29 1 0	1 26 5 56	2 11 3 52	0 43 17 0	1 44 21 16	12 50 10 34	10 6 2 31	17 57 5 31												
F 28	18 30 6n48	3 11 16 4	1 26 17 10	6 16 26 47	3 28 0 59	1 26 5 58	2 11 3 51	0 43 17 0	1 44 21 15	12 49 10 33	10 7 2 28	17 56 5 31												
S 29	18 14 13 9	4 7 15 24	1 18 17 12	6 14 26 46	3 27 0 59	1 27 5 59	2 12 3 51	0 43 17 1	1 44 21 15	12 49 10 33	10 8 2 24	17 56 5 32												
S 30	17 58 18 42	4 47 14 43	1 10 17 15	6 11 26 45	3 26 0 58	1 27 6 0	2 12 3 51	0 43 17 1	1 44 21 14	12 49 10 32	10 9 2 21	17 56 5 32												
MB1	17s42	23n11	5n 9	14s 2	1s 1	17s17	6n 8	26n44	3n25	0s57	1n27	6n 2	2n12	3s50	0n43	17s 1	1n44	21s13	12s49	10s33	10s10	2n18	17s55	5n32

Julian Day Number = 2379591.5, Delta T = 12.48 sec
 Ecliptic obliquity = 23°28'02, Nutation = 0°00'07
 Ayanamsha: Fagan/Bradley = 21°59'23, Lahiri = 21°06'23

SWISS EPHEMERIS for the year 1803

FEBRUARY 1803

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	8 40 58	11 ^h 14 ^m 28 ^s	5 ^h 11 ^m 5 ^s	26 ^h 59 ^m 59 ^s	3 ^h 35 ^m 59 ^s	23 ^h 11 ^m 57 ^s	5°R42	19°R51	11°R21	23 ^h 11 ^m 37 ^s	5 ^h 56 ^m	2°R37	3 ^h 37 ^m	20 ^h 50 ^m	28 ^h 44 ^m
W 2	8 44 55	12°15'19"	18°13'	28°33'	4°23'	23°58'	5 ^h 40 ^m	19°11 ^m 48 ^s	11 ^h 20 ^m	23°38'	5°58'	2°35'	3°34'	20°56'	28°49'
T 3	8 48 51	13°16'09"	18°6'	0 ^h 4'	4°49'	23°59'	5°38'	19°45'	11°19'	23°38'	5°59'	2°32'	3°31'	21°3'	28°55'
F 4	8 52 48	14°16'57"	13°45'	1°31'	5°17'	24° 1'	5°35'	19°41'	11°18'	23°39'	6° 1'	2°29'	3°28'	21°10'	29° 0'
S 5	8 56 44	15°17'43"	26°13'	2°54'	5°47'	24° 4'	5°32'	19°38'	11°17'	23°40'	6° 3'	2°26'	3°25'	21°16'	29° 5'
S 6	9 0 41	16°18'29"	8 ^h 29 ^m	4°12'	6°18'	24° 8'	5°29'	19°34'	11°16'	23°41'	6° 4'	2°24'	3°21'	21°23'	29°10'
M 7	9 4 37	17°19'12"	20°36'	5°24'	6°50'	24°13'	5°26'	19°31'	11°15'	23°41'	6° 6'	2°23'	3°18'	21°30'	29°16'
T 8	9 8 34	18°19'55"	2 ^h 11 ^m 34 ^s	6°30'	7°24'	24°18'	5°23'	19°27'	11°14'	23°42'	6° 7'	2°D23	3°15'	21°36'	29°21'
W 9	9 12 31	19°20'36"	14°27'	7°29'	8° 0'	24°23'	5°20'	19°23'	11°12'	23°42'	6° 9'	2°23'	3°12'	21°43'	29°26'
T 10	9 16 27	20°21'16"	26°15'	8°20'	8°36'	24°30'	5°16'	19°19'	11°11'	23°43'	6°10'	2°24'	3° 9'	21°50'	29°31'
F 11	9 20 24	21°21'55"	8 ^h 2 ^m 3 ^s	9° 3'	9°14'	24°37'	5°12'	19°16'	11°10'	23°43'	6°12'	2°25'	3° 6'	21°56'	29°36'
S 12	9 24 20	22°22'33"	19°54'	9°36'	9°53'	24°45'	5° 8'	19°12'	11° 8'	23°44'	6°14'	2°26'	3° 2'	22° 3'	29°40'
S 13	9 28 17	23°23'09"	1 ^h 11 ^m 51 ^s	10° 0'	10°34'	24°53'	5° 4'	19° 8'	11° 7'	23°44'	6°15'	2°27'	2°59'	22°10'	29°45'
M14	9 32 13	24°23'44"	13°59'	10°13'	11°15'	25° 2'	5° 0'	19° 4'	11° 5'	23°44'	6°17'	2°28'	2°56'	22°16'	29°50'
T 15	9 36 10	25°24'18"	26°22'	10°R17	11°58'	25°11'	4°55'	18°59'	11° 4'	23°45'	6°18'	2°R28	2°53'	22°23'	29°54'
W16	9 40 6	26°24'51"	9 ^h 7 ^m 6 ^s	10° 9'	12°42'	25°22'	4°51'	18°55'	11° 2'	23°45'	6°20'	2°28'	2°50'	22°30'	29°59'
T 17	9 44 3	27°25'23"	22°13'	9°52'	13°26'	25°32'	4°46'	18°51'	11° 1'	23°45'	6°22'	2°27'	2°47'	22°36'	0 ^h 3 ^m 3 ^s
F 18	9 47 59	28°25'53"	5 ^h 22 ^m 46 ^s	9°25'	14°12'	25°44'	4°41'	18°47'	10°59'	23°46'	6°23'	2°27'	2°43'	22°43'	0° 8'
S 19	9 51 56	29°26'22"	19°46'	8°49'	14°59'	25°55'	4°36'	18°42'	10°57'	23°46'	6°25'	2°26'	2°40'	22°50'	0°12'
S 20	9 55 53	0 ^h 26 ^m 49 ^s	4 ^h 22 ^m 12 ^s	8° 4'	15°46'	26° 8'	4°31'	18°38'	10°56'	23°46'	6°27'	2°26'	2°37'	22°56'	0°17'
M21	9 59 49	1°27'15"	19° 0'	7°13'	16°34'	26°21'	4°25'	18°34'	10°54'	23°46'	6°28'	2°26'	2°34'	23° 3'	0°21'
T 22	10 3 46	2°27'40"	4 ^h 3 ^m 3 ^s	6°16'	17°23'	26°34'	4°20'	18°29'	10°52'	23°46'	6°30'	2°26'	2°31'	23°10'	0°25'
W23	10 7 42	3°28'02"	19°11'	5°14'	18°13'	26°48'	4°14'	18°25'	10°50'	23°46'	6°31'	2°26'	2°27'	23°16'	0°29'
T 24	10 11 39	4°28'23"	4 ^h 11 ^m 16 ^s	4°11'	19° 4'	27° 2'	4° 8'	18°20'	10°48'	23°46'	6°33'	2°26'	2°24'	23°23'	0°33'
F 25	10 15 35	5°28'42"	19°10'	3° 6'	19°55'	27°17'	4° 2'	18°16'	10°46'	23°R46	6°35'	2°25'	2°21'	23°30'	0°37'
S 26	10 19 32	6°28'59"	3 ^h 8 ^m 45 ^s	2° 2'	20°47'	27°33'	3°56'	18°11'	10°44'	23°46'	6°36'	2°25'	2°18'	23°36'	0°41'
S 27	10 23 28	7°29'14"	17°56'	1° 0'	21°40'	27°49'	3°50'	18° 6'	10°42'	23°46'	6°38'	2°25'	2°15'	23°43'	0°45'
M28	10 27 25	8 ^h 29 ^m 27 ^s	1 ^h 11 ^m 44 ^s	0 ^h 2 ^m	22 ^h 33 ^m	28 ^h 11 ^m 5 ^s	3 ^h 44 ^m	18 ^h 2 ^m	10 ^h 40 ^m	23 ^h 46 ^m	6 ^h 40 ^m	2 ^h 24 ^m	2 ^h 12 ^m	23 ^h 49 ^m	0 ^h 48 ^m

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	17s25	26n20	5n15	13s20	0s51	17s20	6n 5	26n43	3n24	0s56	1n28	6n 3	2n12	3s50	0n43	17s 1	1n44	21s13	12s49	10s33	10s11	2n14	17s55	5n33
W 2	17 9 27	27 59	5 4	12 38	0 41	17 22	6 2	26 42	3 23	0 55	1 28	6 5	2 13	3 50	0 43	17 1	1 44	21 12	12 49	10 34	10 13	2 11	17 55	5 33
T 3	16 51	28 5	4 37	11 55	0 29	17 25	5 58	26 41	3 22	0 53	1 28	6 6	2 13	3 49	0 43	17 1	1 44	21 11	12 49	10 35	10 14	2 7	17 54	5 34
F 4	16 34	26 41	3 57	11 13	0 17	17 28	5 54	26 40	3 21	0 52	1 28	6 8	2 13	3 49	0 43	17 1	1 44	21 11	12 49	10 36	10 15	2 4	17 54	5 34
S 5	16 16	23 59	3 7	10 31	0 4	17 31	5 50	26 39	3 19	0 51	1 29	6 9	2 13	3 48	0 43	17 1	1 44	21 10	12 49	10 37	10 16	2 1	17 53	5 35
S 6	15 58	20 14	2 8	9 50	0n10	17 34	5 45	26 38	3 18	0 49	1 29	6 11	2 13	3 48	0 43	17 2	1 44	21 9	12 49	10 38	10 17	1 57	17 53	5 35
M 7	15 40	15 40	1 5	9 10	0 24	17 37	5 41	26 37	3 17	0 48	1 29	6 12	2 14	3 47	0 43	17 2	1 45	21 9	12 49	10 38	10 18	1 54	17 52	5 35
T 8	15 21	10 33	0s 1	8 32	0 39	17 40	5 36	26 37	3 16	0 46	1 29	6 14	2 14	3 47	0 43	17 2	1 45	21 8	12 49	10 38	10 19	1 50	17 52	5 36
W 9	15 2	5 6	1 6	7 56	0 54	17 43	5 31	26 36	3 15	0 45	1 30	6 16	2 14	3 46	0 43	17 2	1 45	21 7	12 48	10 38	10 21	1 47	17 52	5 36
T 10	14 43	0s29	2 9	7 22	1 10	17 46	5 26	26 35	3 14	0 43	1 30	6 17	2 14	3 46	0 43	17 2	1 45	21 7	12 48	10 38	10 22	1 44	17 51	5 37
F 11	14 24	6 2	3 5	6 51	1 26	17 49	5 21	26 34	3 13	0 42	1 30	6 19	2 14	3 45	0 43	17 2	1 45	21 6	12 48	10 38	10 23	1 40	17 51	5 37
S 12	14 4	11 24	3 54	6 24	1 42	17 51	5 15	26 33	3 11	0 40	1 30	6 21	2 15	3 45	0 43	17 2	1 45	21 5	12 48	10 37	10 24	1 37	17 50	5 38
S 13	13 44	16 24	4 34	6 0	1 59	17 54	5 10	26 32	3 10	0 38	1 31	6 22	2 15	3 44	0 43	17 2	1 45	21 5	12 48	10 37	10 25	1 33	17 50	5 38
M14	13 24	20 50	5 4	5 40	2 14	17 56	5 5	26 31	3 9	0 36	1 31	6 24	2 15	3 44	0 43	17 2	1 45	21 4	12 48	10 37	10 26	1 30	17 49	5 39
T 15	13 4	24 29	5 16	5 25	2 30	17 58	4 59	26 31	3 8	0 34	1 31	6 26	2 15	3 43	0 43	17 2	1 45	21 4	12 48	10 37	10 28	1 27	17 49	5 39
W16	12 44	27 2	5 16	5 14	2 44	18 0	4 53	26 30	3 7	0 32	1 31	6 28	2 15	3 42	0 43	17 2	1 45	21 3	12 48	10 37	10 29	1 23	17 48	5 40
T 17	12 23	28 13	4 59	5 8	2 58	18 1	4 47	26 29	3 6	0 30	1 31	6 30	2 15	3 42	0 43	17 2	1 45	21 2	12 48	10 37	10 30	1 20	17 48	5 40
F 18	12 2	27 46	4 36	5 7	3 10	18 3	4 41	26 28	3 4	0 28	1 32	6 31	2 16	3 41	0 44	17 2	1 45	21 2	12 48	10 37	10 31	1 16	17 47	5 41
S 19	11 41	25 34	3 26	5 11	3 20	18 4	4 36	26 27	3 3	0 25	1 32	6 33	2 16	3 40	0 44	17 2	1 45	21 1	12 48	10 37	10 32	1 13	17 46	5 42
S 20	11 20	21 40	2 31	5 19	3 29	18 4	4 30	26 27	3 2	0 23	1 32	6 35	2 16	3 40	0 44	17 2	1 45	21 0	12 48	10 37	10 33	1 10	17 46	5 42
M21	10 58	16 19	1 14	5 31	3 36	18 5	4 23	26 26	3 1	0 21	1 32	6 37	2 16	3 39	0 44	17 2	1 45	21 0	12 48	10 37	10 34	1 6	17 45	5 43
T 22	10 37	9 54	0n 9	5 48	3 41	18 5	4 17	26 25	3 0	0 18	1 32	6 39	2 16	3 38	0 44	17 2	1 45	20 59	12 48	10 37	10 36	1 3	17 45	5 43
W23	10 15	2 53	1 32	6 8	3 44	18 5	4 11	26 24	2 58	0 16	1 33	6 41	2 16	3 38	0 44	17 2	1 45	20 59	12 48	10 37	10 37	1 0	17 44	5 44
T 24	9 53	4n16	2 48	6 31	3 44	18 4	4 5	26 23	2 57	0 14	1 33	6 43	2 16	3 37	0 44	17 2	1 46	20 58	12 48	10 37	10 38	0 56	17 44	5 44
F 25	9 31	11 5	3 52	6 56	3 42	18 3	3 59	26 22	2 56	0 11	1 33	6 45	2 17	3 36	0 44	17 2	1 46	20 57	12 48	10 37	10 39	0 53	17 43	5 45
S 26	9 9	17 9	4 39	7 22	3 38	18 2	3 53	26 22	2 55	0 8	1 33	6 46	2 17	3 35	0 44	17 2	1 46	20 57	12 48	10 38	10 40	0 49	17 43	5 45
S 27	8 46	22 7	5 8	7 50	3 32	18 0	3 46	26 21	2 54	0 6	1 33	6 48	2 17	3 34	0 44	17 2	1 46	20 56	12 48	10 38	10 41	0 46	17 42	5 46
M28	8s24	25n43	5n18	8s17	3n24	17s58	3n40	26n20	2n53	0s 3	1n34	6n50	2n17	3s34	0n44	17s 2	1n46	20s56	12s48	10s38	10s42	0n43	17s41	5n47

Julian Day Number = 2379622.5, Delta T = 12.46 sec
 Ecliptic obliquity = 23°28'02", Nutation = 0°00'0

SWISS EPHEMERIS for the year 1803

MARCH 1803

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	10 31 22	9♂29'38	15♂ 7	29°R 7	23♂27	28♂22	3°R37	17°R57	10°R38	23°R46	6♂41	2°D24	2♂ 8	23♂56	0♂52
W 2	10 35 18	10°29'47	28° 8	28♂19	24°21	28°39	3♂31	17♂52	10♂36	23♂46	6°43	2♂25	2° 5	24° 3	0°56
T 3	10 39 15	11°29'53	10♂49	27°36	25°16	28°56	3°24	17°48	10°34	23°46	6°45	2°25	2° 2	24° 9	0°59
F 4	10 43 11	12°29'58	23°14	27° 0	26°12	29°14	3°17	17°43	10°32	23°46	6°46	2°26	1°59	24°16	1° 2
S 5	10 47 8	13°30'00	5♂27	26°30	27° 8	29°33	3°10	17°38	10°30	23°45	6°48	2°27	1°56	24°23	1° 6
S 6	10 51 4	14°30'01	17°30	26° 7	28° 5	29°52	3° 3	17°33	10°28	23°45	6°49	2°28	1°52	24°29	1° 9
M 7	10 55 1	15°29'59	29°25	25°51	29° 2	0♂11	2°56	17°29	10°25	23°45	6°51	2°R29	1°49	24°36	1°12
T 8	10 58 57	16°29'55	11♂17	25°42	29°59	0°30	2°49	17°24	10°23	23°44	6°53	2°29	1°46	24°43	1°15
W 9	11 2 54	17°29'49	23° 6	25°D39	0♂57	0°50	2°42	17°19	10°21	23°44	6°54	2°28	1°43	24°49	1°18
T 10	11 6 51	18°29'42	4♂54	25°42	1°56	1°11	2°35	17°14	10°18	23°43	6°56	2°26	1°40	24°56	1°21
F 11	11 10 47	19°29'32	16°45	25°51	2°55	1°31	2°27	17°10	10°16	23°43	6°58	2°23	1°37	25° 3	1°24
S 12	11 14 44	20°29'21	28°40	26° 6	3°54	1°52	2°20	17° 5	10°14	23°42	6°59	2°21	1°33	25° 9	1°27
S 13	11 18 40	21°29'08	10♂41	26°26	4°54	2°13	2°13	17° 0	10°11	23°42	7° 1	2°18	1°30	25°16	1°29
M14	11 22 37	22°28'53	22°52	26°51	5°54	2°35	2° 5	16°55	10° 9	23°41	7° 2	2°15	1°27	25°23	1°32
T 15	11 26 33	23°28'37	5♂16	27°21	6°55	2°57	1°57	16°51	10° 7	23°41	7° 4	2°13	1°24	25°29	1°35
W16	11 30 30	24°28'19	17°56	27°56	7°55	3°19	1°50	16°46	10° 4	23°40	7° 6	2°12	1°21	25°36	1°37
T 17	11 34 26	25°27'59	0♂57	28°34	8°57	3°42	1°42	16°41	10° 2	23°40	7° 7	2°D12	1°18	25°43	1°39
F 18	11 38 23	26°27'37	14°20	29°17	9°58	4° 4	1°35	16°37	9°59	23°39	7° 9	2°12	1°14	25°49	1°41
S 19	11 42 20	27°27'14	28° 9	0♂ 3	11° 0	4°27	1°27	16°32	9°57	23°38	7°10	2°14	1°11	25°56	1°44
S 20	11 46 16	28°26'49	12♂24	0°52	12° 2	4°51	1°19	16°27	9°54	23°37	7°12	2°15	1° 8	26° 3	1°46
M21	11 50 13	29°26'22	27° 4	1°45	13° 4	5°14	1°11	16°23	9°52	23°37	7°13	2°R16	1° 5	26° 9	1°48
T 22	11 54 9	0♂25'53	12♂ 3	2°41	14° 7	5°38	1° 4	16°18	9°49	23°36	7°15	2°16	1° 2	26°16	1°50
W23	11 58 6	1°25'22	27°14	3°40	15°10	6° 3	0°56	16°14	9°47	23°35	7°16	2°14	0°58	26°23	1°51
T 24	12 2 2	2°24'49	12♂29	4°41	16°13	6°27	0°48	16° 9	9°44	23°34	7°18	2°11	0°55	26°29	1°53
F 25	12 5 59	3°24'14	27°36	5°45	17°17	6°52	0°40	16° 5	9°41	23°33	7°19	2° 7	0°52	26°36	1°55
S 26	12 9 55	4°23'37	12♂27	6°51	18°21	7°17	0°33	16° 0	9°39	23°32	7°21	2° 2	0°49	26°43	1°56
S 27	12 13 52	5°22'58	26°54	8° 0	19°25	7°42	0°25	15°56	9°36	23°32	7°22	1°58	0°46	26°49	1°58
M28	12 17 49	6°22'16	10♂53	9°11	20°29	8° 7	0°17	15°52	9°34	23°31	7°24	1°54	0°43	26°56	1°59
T 29	12 21 45	7°21'33	24°23	10°24	21°33	8°33	0° 9	15°47	9°31	23°30	7°25	1°52	0°39	27° 3	2° 0
W30	12 25 42	8°20'46	7♂26	11°39	22°38	8°59	0° 2	15°43	9°28	23°29	7°27	1°D51	0°36	27° 9	2° 1
T 31	12 29 38	9°19'58	20♂ 6	12♂56	23♂43	9♂25	29♂54	15♂39	9♂26	23♂28	7♂28	1♂51	0♂33	27♂16	2♂ 3

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	8s 1	27n46	5n10	8s45	3n15	17s55	3n34	26n19	2n51	0s 0	1n34	6n52	2n17	3s33	0n44	17s 2	1n46	20s55	12s48	10s38	10s44	0n39	17s41	5n47
W 2	7 38	28 14	4 46	9 12	3 4	17 52	3 27	26 18	2 50	0n 2	1 34	6 54	2 17	3 32	0 44	17 2	1 46	20 54	12 48	10 38	10 45	0 36	17 40	5 48
T 3	7 16	27 10	4 9	9 37	2 52	17 49	3 21	26 17	2 49	0 5	1 34	6 56	2 17	3 31	0 44	17 2	1 46	20 54	12 49	10 37	10 46	0 32	17 39	5 48
F 4	6 53	24 46	3 21	10 2	2 40	17 45	3 15	26 16	2 48	0 8	1 34	6 58	2 17	3 30	0 44	17 1	1 46	20 53	12 49	10 37	10 47	0 29	17 39	5 49
S 5	6 30	21 16	2 24	10 24	2 26	17 40	3 8	26 15	2 47	0 11	1 34	7 0	2 17	3 29	0 44	17 1	1 46	20 53	12 49	10 37	10 48	0 26	17 38	5 50
S 6	6 7	16 55	1 22	10 45	2 12	17 36	3 2	26 14	2 46	0 14	1 34	7 2	2 17	3 28	0 44	17 1	1 46	20 52	12 49	10 36	10 49	0 22	17 38	5 50
M 7	5 43	11 57	0 17	11 4	1 58	17 31	2 56	26 13	2 45	0 17	1 35	7 4	2 18	3 28	0 44	17 1	1 46	20 52	12 49	10 36	10 50	0 19	17 37	5 51
T 8	5 20	6 36	0s49	11 20	1 44	17 25	2 49	26 11	2 43	0 19	1 35	7 6	2 18	3 27	0 44	17 1	1 46	20 51	12 49	10 36	10 51	0 15	17 36	5 51
W 9	4 57	1 2	1 52	11 35	1 30	17 19	2 43	26 10	2 42	0 22	1 35	7 8	2 18	3 26	0 44	17 1	1 46	20 51	12 49	10 37	10 53	0 12	17 36	5 52
T 10	4 33	4s33	2 50	11 47	1 16	17 12	2 37	26 9	2 41	0 25	1 35	7 10	2 18	3 25	0 44	17 1	1 46	20 50	12 49	10 37	10 54	0 9	17 35	5 53
F 11	4 10	9 59	3 41	11 57	1 2	17 5	2 31	26 8	2 40	0 28	1 35	7 11	2 18	3 24	0 44	17 0	1 46	20 49	12 49	10 38	10 55	0 5	17 34	5 53
S 12	3 46	15 6	4 23	12 5	0 48	16 58	2 24	26 6	2 39	0 32	1 35	7 13	2 18	3 23	0 44	17 0	1 46	20 49	12 49	10 39	10 56	0 2	17 34	5 54
S 13	3 23	19 41	4 53	12 11	0 35	16 49	2 18	26 5	2 38	0 35	1 35	7 15	2 18	3 22	0 44	17 0	1 46	20 48	12 49	10 40	10 57	0s 1	17 33	5 54
M14	2 59	23 31	5 11	12 14	0 22	16 41	2 12	26 3	2 37	0 38	1 35	7 17	2 18	3 21	0 44	17 0	1 46	20 48	12 49	10 41	10 58	0 5	17 32	5 55
T 15	2 36	26 22	5 15	12 16	0 9	16 32	2 6	26 2	2 36	0 41	1 35	7 19	2 18	3 20	0 44	17 0	1 47	20 47	12 50	10 42	10 59	0 8	17 32	5 56
W16	2 12	27 57	5 3	12 16	0s 3	16 23	2 0	26 0	2 35	0 44	1 35	7 21	2 18	3 19	0 44	16 59	1 47	20 47	12 50	10 42	11 1	0 12	17 31	5 56
T 17	1 48	28 4	4 37	12 13	0 15	16 13	1 54	25 58	2 34	0 47	1 36	7 23	2 18	3 18	0 44	16 59	1 47	20 46	12 50	10 42	11 2	0 15	17 30	5 57
F 18	1 25	26 34	3 54	12 9	0 26	16 2	1 48	25 57	2 32	0 50	1 36	7 25	2 18	3 17	0 44	16 59	1 47	20 46	12 50	10 42	11 3	0 18	17 30	5 58
S 19	1 1	23 26	2 57	12 3	0 37	15 51	1 42	25 55	2 31	0 53	1 36	7 26	2 18	3 16	0 44	16 59	1 47	20 45	12 50	10 42	11 4	0 22	17 29	5 58
S 20	0 37	18 49	1 47	11 55	0 48	15 40	1 36	25 53	2 30	0 56	1 36	7 28	2 18	3 15	0 44	16 59	1 47	20 45	12 50	10 41	11 5	0 25	17 28	5 59
M21	0 13	12 57	0 29	11 46	0 58	15 28	1 30	25 51	2 29	0 59	1 36	7 30	2 18	3 14	0 44	16 58	1 47	20 45	12 50	10 41	11 6	0 29	17 28	6 0
T 22	0n10	6 14	0n53	11 34	1 7	15 16	1 24	25 49	2 28	1 3	1 36	7 32	2 18	3 13	0 44	16 58	1 47	20 44	12 51	10 41	11 7	0 32	17 27	6 0
W23	0 34	0n56	2 13	11 21	1 16	15 3	1 19	25 47	2 27	1 6	1 36	7 34	2 18	3 12	0 44	16 58	1 47	20 44	12 51	10 41	11 8	0 35	17 26	6 1
T 24	0 58	8 3	3 23	11 7	1 24	14 50	1 13	25 45	2 26	1 9	1 36	7 35	2 18	3 11	0 44	16 58	1 47	20 43	12 51	10 42	11 10	0 39	17 26	6 2
F 25	1 21	14 38	4 18	10 50	1 32	14 36	1 7	25 42	2 25	1 12	1 36	7 37	2 18	3 10	0 44	16 57	1 47	20 43	12 51	10 44	11 11	0 42	17 25	6 2
S 26	1 45	20 16	4 54	10 33	1 40	14 22	1 2	25 40	2 24	1 15	1 36	7 39	2 18	3 9	0 44	16 57	1 47	20 42	12 51	10 46	11 12	0 45	17 24	6 3
S 27	2 8	24 32	5 11	10 13	1 46	14 7	0 56	25 38	2 23	1 18	1 36	7 40	2 18	3 8	0 44	16 57	1 47	20 42	12 51	10 47	11 13	0 49	17 24	6 4
M28	2 32	27 12	5 9	9 53	1 53	13 52	0 51	25 35	2 22	1 21	1 36	7 42	2 18	3 7	0 44	16 57	1 47	20 42	12 52	10 49	11 14	0 52	17 23	6 4
T 29	2 55	28 9	4 49	9 30	1 59	13 37	0 46	25 32	2 21	1 24	1 36	7 44	2 18	3 6	0									

SWISS EPHEMERIS for the year 1803

APRIL 1803

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
F 1	12 33 35	10°19'07"	2°26'	14°15'	24°48'	9°51'	29°R47	15°R35	9°R23	23°R27	7°30'	1°53'	0°30'	27°23'	2°34'
S 2	12 37 31	11°18'14"	14°32'	15°36'	25°53'	10°18'	29°R39	15°R31	9°21'	23°R25	7°31'	1°54'	0°27'	27°29'	2°4'
S 3	12 41 28	12°17'18"	26°28'	16°59'	26°58'	10°44'	29°32'	15°27'	9°18'	23°24'	7°32'	1°R56	0°24'	27°36'	2°5'
M 4	12 45 24	13°16'20"	8°17'	18°23'	28°4'	11°11'	29°24'	15°23'	9°16'	23°23'	7°34'	1°56'	0°20'	27°43'	2°6'
T 5	12 49 21	14°15'20"	20°5'	19°49'	29°10'	11°38'	29°17'	15°19'	9°13'	23°22'	7°35'	1°54'	0°17'	27°49'	2°7'
W 6	12 53 18	15°14'18"	1°53'	21°17'	0°16'	12°6'	29°10'	15°15'	9°10'	23°21'	7°37'	1°50'	0°14'	27°56'	2°7'
T 7	12 57 14	16°13'14"	13°44'	22°46'	1°22'	12°33'	29°3'	15°11'	9°8'	23°20'	7°38'	1°44'	0°11'	28°2'	2°8'
F 8	13 1 11	17°12'08"	25°41'	24°17'	2°28'	13°1'	28°56'	15°8'	9°5'	23°18'	7°39'	1°36'	0°8'	28°9'	2°8'
S 9	13 5 7	18°10'59"	7°14'	25°50'	3°35'	13°29'	28°49'	15°4'	9°3'	23°17'	7°41'	1°28'	0°4'	28°16'	2°8'
S 10	13 9 4	19°9'49"	19°55'	27°24'	4°41'	13°57'	28°42'	15°1'	9°0'	23°16'	7°42'	1°19'	0°1'	28°22'	2°8'
M11	13 13 0	20°8'37"	2°15'	29°0'	5°48'	14°25'	28°35'	14°57'	8°58'	23°15'	7°43'	1°10'	29°58'	28°29'	2°R 8
T 12	13 16 57	21°7'24"	14°47'	0°37'	6°55'	14°53'	28°28'	14°54'	8°55'	23°13'	7°44'	1°3'	29°55'	28°36'	2°8'
W13	13 20 53	22°6'08"	27°32'	2°16'	8°2'	15°22'	28°21'	14°50'	8°53'	23°12'	7°46'	0°58'	29°52'	28°42'	2°8'
T 14	13 24 50	23°4'51"	10°33'	3°57'	9°9'	15°50'	28°15'	14°47'	8°50'	23°11'	7°47'	0°56'	29°49'	28°49'	2°8'
F 15	13 28 47	24°3'32"	23°52'	5°39'	10°17'	16°19'	28°9'	14°44'	8°48'	23°9'	7°48'	0°D55	29°45'	28°56'	2°8'
S 16	13 32 43	25°2'11"	7°31'	7°23'	11°24'	16°48'	28°2'	14°41'	8°45'	23°8'	7°49'	0°55'	29°42'	29°2'	2°7'
S 17	13 36 40	26°0'49"	21°32'	9°8'	12°32'	17°17'	27°56'	14°38'	8°43'	23°7'	7°51'	0°56'	29°39'	29°9'	2°7'
M18	13 40 36	26°59'25"	5°55'	10°55'	13°40'	17°47'	27°50'	14°35'	8°40'	23°5'	7°52'	0°R56	29°36'	29°16'	2°6'
T 19	13 44 33	27°58'00"	20°39'	12°44'	14°47'	18°16'	27°44'	14°32'	8°38'	23°4'	7°53'	0°55'	29°33'	29°22'	2°6'
W20	13 48 29	28°56'32"	5°37'	14°34'	15°55'	18°46'	27°38'	14°30'	8°36'	23°2'	7°54'	0°51'	29°29'	29°29'	2°5'
T 21	13 52 26	29°55'03"	20°42'	16°26'	17°4'	19°15'	27°33'	14°27'	8°33'	23°1'	7°55'	0°45'	29°26'	29°36'	2°4'
F 22	13 56 22	0°53'32"	5°46'	18°20'	18°12'	19°45'	27°27'	14°24'	8°31'	22°59'	7°56'	0°36'	29°23'	29°42'	2°3'
S 23	14 0 19	1°51'59"	20°38'	20°15'	19°20'	20°15'	27°22'	14°22'	8°28'	22°58'	7°57'	0°27'	29°20'	29°49'	2°2'
S 24	14 4 15	2°50'25"	5°11'	22°12'	20°28'	20°45'	27°17'	14°20'	8°26'	22°56'	7°58'	0°18'	29°17'	29°56'	2°1'
M25	14 8 12	3°48'48"	19°16'	24°11'	21°37'	21°15'	27°11'	14°17'	8°24'	22°55'	7°59'	0°9'	29°14'	0°2'	2°0'
T 26	14 12 9	4°47'09"	2°53'	26°11'	22°45'	21°46'	27°7'	14°15'	8°22'	22°53'	8°0'	0°3'	29°10'	0°9'	1°59'
W27	14 16 5	5°45'28"	16°2'	28°12'	23°54'	22°16'	27°2'	14°13'	8°19'	22°52'	8°1'	29°59'	29°7'	0°16'	1°58'
T 28	14 20 2	6°43'46"	28°44'	0°15'	25°3'	22°47'	26°57'	14°11'	8°17'	22°50'	8°2'	29°57'	29°4'	0°22'	1°56'
F 29	14 23 58	7°42'00"	11°6'	2°20'	26°12'	23°18'	26°53'	14°9'	8°15'	22°49'	8°3'	29°D57	29°1'	0°29'	1°55'
S 30	14 27 55	8°40'13"	23°11'	4°25'	27°21'	23°49'	26°48'	14°7'	8°13'	22°47'	8°4'	29°57'	28°58'	0°36'	1°53'

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	4n 5	22n 8	2n34	8s15	2s14	12s48	0n30	25n24	2n18	1n33	1n36	7n48	2n18	3s 3	0n44
S 2	4 29	17 59	1 33	7 48	2 17	12 31	0 25	25 21	2 17	1 36	1 36	7 50	2 18	3 2	0 44
S 3	4 52	13 11	0 30	7 19	2 21	12 14	0 20	25 18	2 16	1 39	1 36	7 51	2 18	3 1	0 44
M 4	5 15	7 56	0s35	6 48	2 24	11 56	0 15	25 15	2 15	1 42	1 35	7 53	2 18	3 0	0 44
T 5	5 38	2 27	1 37	6 17	2 26	11 37	0 10	25 11	2 14	1 45	1 35	7 54	2 17	2 59	0 44
W 6	6 0	3s 7	2 35	5 44	2 28	11 19	0 5	25 8	2 14	1 47	1 35	7 56	2 17	2 58	0 44
T 7	6 23	8 36	3 27	5 10	2 30	11 0	0 0	25 4	2 13	1 50	1 35	7 57	2 17	2 57	0 44
F 8	6 46	13 48	4 10	4 34	2 30	10 40	0s 4	25 1	2 12	1 53	1 35	7 58	2 17	2 56	0 44
S 9	7 8	18 32	4 42	3 58	2 31	10 21	0 9	24 57	2 11	1 56	1 35	8 0	2 17	2 55	0 44
S 10	7 31	22 34	5 1	3 20	2 31	10 0	0 13	24 53	2 10	1 58	1 35	8 1	2 17	2 54	0 44
M11	7 53	25 39	5 7	2 42	2 30	9 40	0 18	24 49	2 9	2 1	1 35	8 2	2 17	2 53	0 44
T 12	8 15	27 32	4 58	2 2	2 29	9 19	0 22	24 45	2 8	2 4	1 35	8 4	2 17	2 52	0 44
W13	8 37	28 2	4 35	1 21	2 27	8 58	0 26	24 41	2 7	2 6	1 35	8 5	2 17	2 51	0 44
T 14	8 59	26 59	3 57	0 39	2 25	8 37	0 30	24 37	2 6	2 9	1 35	8 6	2 17	2 50	0 44
F 15	9 21	24 24	3 6	0n 4	2 23	8 15	0 34	24 33	2 5	2 11	1 34	8 7	2 17	2 49	0 44
S 16	9 42	20 23	2 2	0 48	2 19	7 53	0 38	24 28	2 4	2 13	1 34	8 8	2 16	2 48	0 44
S 17	10 4 15	8 0	50	1 33	2 16	7 31	0 42	24 23	2 4	2 16	1 34	8 9	2 16	2 47	0 44
M18	10 25 8	56	0n27	2 19	2 11	7 8	0 46	24 19	2 3	2 18	1 34	8 10	2 16	2 46	0 44
T 19	10 46 2	7 1	44	3 5	2 7	6 45	0 49	24 14	2 2	2 20	1 34	8 11	2 16	2 45	0 44
W20	11 7 4n	54	2 55	3 53	2 2	6 22	0 53	24 9	2 1	2 22	1 34	8 12	2 16	2 44	0 44
T 21	11 27 11	42	3 54	4 41	1 56	5 59	0 56	24 4	2 0	2 25	1 34	8 13	2 16	2 44	0 44
F 22	11 48 17	48	4 36	5 30	1 50	5 35	1 0	23 59	1 59	2 27	1 33	8 14	2 16	2 43	0 44
S 23	12 8 22	45	5 0	6 20	1 43	5 12	1 3	23 53	1 58	2 29	1 33	8 15	2 16	2 42	0 44
S 24	12 28 26	9 5	3	7 10	1 36	4 48	1 6	23 48	1 58	2 30	1 33	8 16	2 15	2 41	0 44
M25	12 48 27	49	4 48	8 1	1 28	4 24	1 9	23 42	1 57	2 32	1 33	8 16	2 15	2 40	0 44
T 26	13 8 27	42	4 16	8 52	1 20	3 59	1 12	23 37	1 56	2 34	1 33	8 17	2 15	2 39	0 44
W27	13 27 26	1	3 32	9 44	1 12	3 35	1 15	23 31	1 55	2 36	1 33	8 18	2 15	2 38	0 44
T 28	13 47 23	1	2 38	10 36	1 3	3 10	1 18	23 25	1 54	2 38	1 32	8 18	2 15	2 37	0 44
F 29	14 6 19	3 1	3 39	11 28	0 53	2 45	1 21	23 19	1 53	2 39	1 32	8 19	2 15	2 37	0 44
S 30	14n24	14n22	0n36	12n19	0s44	2s20	1s23	23n13	1n53	2n41	1n32	8n19	2n15	2s36	0n44

Julian Day Number = 2379681.5, Delta T = 12.43 sec
 Ecliptic obliquity = 23°28'02", Nutation = 0°00'08"
 Ayanamsha: Fagan/Bradley = 21°59'36", Lahiri = 21°06'35"

SWISS EPHEMERIS for the year 1803

MAY 1803

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	14 31 51	9♂38'24	5♏ 5	6♂32	28♏30	24♏20	26°R44	14°R 6	8°R11	22°R46	8♏ 5	29°R57	28♏55	0♏42	1°R51	
M 2	14 35 48	10°36'33	16°54	8°40	29°39	24°51	26♏40	14°R 4	8♏ 9	22♏44	8° 6	29♏56	28°51	0°49	1♂50	
T 3	14 39 45	11°34'40	28°41	10°49	0♏48	25°22	26°36	14° 3	8° 7	22°43	8° 7	29°53	28°48	0°56	1°48	
W 4	14 43 41	12°32'45	10♏31	12°59	1°57	25°53	26°33	14° 1	8° 5	22°41	8° 8	29°46	28°45	1° 2	1°46	
T 5	14 47 38	13°30'48	22°28	15° 9	3° 6	26°25	26°29	14° 0	8° 3	22°39	8° 9	29°37	28°42	1° 9	1°44	
F 6	14 51 34	14°28'50	4♏32	17°19	4°16	26°56	26°26	13°59	8° 1	22°38	8°10	29°26	28°39	1°16	1°42	
S 7	14 55 31	15°26'50	16°47	19°29	5°25	27°28	26°23	13°58	7°59	22°36	8°10	29°14	28°35	1°22	1°40	
S 8	14 59 27	16°24'48	29°12	21°39	6°35	27°59	26°20	13°57	7°57	22°35	8°11	29° 1	28°32	1°29	1°38	
M 9	15 3 24	17°22'45	11♏47	23°49	7°44	28°31	26°17	13°56	7°55	22°33	8°12	28°48	28°29	1°36	1°35	
T 10	15 7 20	18°20'40	24°35	25°57	8°54	29° 3	26°14	13°55	7°54	22°31	8°13	28°38	28°26	1°42	1°33	
W 11	15 11 17	19°18'34	7♂33	28° 4	10° 4	29°35	26°12	13°54	7°52	22°30	8°13	28°30	28°23	1°49	1°31	
T 12	15 15 14	20°16'27	20°44	0♏10	11°14	0♏ 7	26°10	13°54	7°50	22°28	8°14	28°25	28°20	1°56	1°28	
F 13	15 19 10	21°14'18	4♏ 8	2°14	12°23	0°40	26° 8	13°53	7°49	22°26	8°15	28°22	28°16	2° 2	1°26	
S 14	15 23 7	22°12'09	17°47	4°16	13°33	1°12	26° 6	13°53	7°47	22°25	8°15	28°21	28°13	2° 9	1°23	
S 15	15 27 3	23° 9'58	1♏40	6°16	14°43	1°44	26° 4	13°52	7°45	22°23	8°16	28°21	28°10	2°16	1°20	
M 16	15 31 0	24° 7'45	15°50	8°14	15°53	2°17	26° 2	13°52	7°44	22°22	8°16	28°21	28° 7	2°22	1°18	
T 17	15 34 56	25° 5'32	0♏15	10° 9	17° 4	2°49	26° 1	13°D52	7°42	22°20	8°17	28°18	28° 4	2°29	1°15	
W 18	15 38 53	26° 3'18	14°53	12° 1	18°14	3°22	26° 0	13°52	7°41	22°18	8°18	28°14	28° 1	2°36	1°12	
T 19	15 42 49	27° 1'02	29°38	13°51	19°24	3°55	25°59	13°52	7°39	22°17	8°18	28° 6	27°57	2°42	1° 9	
F 20	15 46 46	27°58'45	14♂23	15°38	20°34	4°27	25°58	13°53	7°38	22°15	8°19	27°56	27°54	2°49	1° 6	
S 21	15 50 43	28°56'28	29° 0	17°22	21°45	5° 0	25°57	13°53	7°37	22°13	8°19	27°45	27°51	2°56	1° 3	
S 22	15 54 39	29°54'08	13♏22	19° 3	22°55	5°33	25°57	13°53	7°36	22°12	8°20	27°33	27°48	3° 2	1° 0	
M 23	15 58 36	0♏51'48	27°22	20°40	24° 5	6° 6	25°57	13°54	7°34	22°10	8°20	27°23	27°45	3° 9	0°57	
T 24	16 2 32	1°49'26	10♏58	22°15	25°16	6°40	25°D57	13°55	7°33	22° 9	8°20	27°14	27°41	3°16	0°53	
W 25	16 6 29	2°47'03	24° 7	23°47	26°26	7°13	25°57	13°55	7°32	22° 7	8°21	27° 9	27°38	3°22	0°50	
T 26	16 10 25	3°44'38	6♏15	25°15	27°37	7°46	25°57	13°56	7°31	22° 5	8°21	27° 5	27°35	3°29	0°47	
F 27	16 14 22	4°42'12	19°15	26°40	28°48	8°20	25°57	13°57	7°30	22° 4	8°21	27° 4	27°32	3°36	0°43	
S 28	16 18 18	5°39'45	1♏22	28° 2	29°58	8°53	25°58	13°58	7°29	22° 2	8°22	27° 4	27°29	3°43	0°40	
S 29	16 22 15	6°37'16	13°18	29°20	1♏ 9	9°27	25°59	14° 0	7°28	22° 1	8°22	27° 4	27°26	3°49	0°37	
M 30	16 26 12	7°34'46	25° 8	0♏36	2°20	10° 0	26° 0	14° 1	7°27	21°59	8°22	27° 3	27°22	3°56	0°33	
T 31	16 30 8	8♏32'14	6♏57	1♏47	3♂31	10♏34	26♏ 1	14♏ 2	7♏26	21♏58	8♏23	27♏ 0	27♏19	4♏ 3	0♏30	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
S 1	14n43	9n14	0s27	13n11	0s34	1s55	1s26	23n 7	1n52	2n42	1n32	8n20	2n14	2s35	0n43	16s44	1n48	20s34	13s 0	11s30	11s52	2s46	17s 1	6n26
M 2	15 1 3 49	1 29	14 2 0 24	1 30	1 28	23 0	1 51	2 44	1 32	8 20	2 14	2 34	0 43	16 44	1 48	20 34	13 0	11 30	11 53	2 50	17 0	6 27		
T 3	15 19 1s43	2 26	14 53	0 13	1 4	1 31	22 54	1 50	2 45	1 31	8 21	2 14	2 33	0 43	16 44	1 48	20 34	13 1	11 32	11 54	2 53	17 0	6 27	
W 4	15 37 7 12	3 18	15 42	0 3	0 39	1 33	22 47	1 49	2 46	1 31	8 21	2 14	2 33	0 43	16 43	1 48	20 33	13 1	11 34	11 55	2 56	16 59	6 28	
T 5	15 55 12 28	4 1 16	31 0n 8	0 13	1 35	22 40	1 49	2 47	1 31	8 22	2 14	2 32	0 43	16 43	1 48	20 33	13 1	11 37	11 56	3 0	16 59	6 29		
F 6	16 12 17 20	4 33	17 19	0 18	0n13	1 37	22 33	1 48	2 48	1 31	8 22	2 14	2 31	0 43	16 42	1 48	20 33	13 2	11 41	11 58	3 3	16 58	6 29	
S 7	16 29 21 33	4 54	18 5	0 29	0 38	1 39	22 26	1 47	2 50	1 31	8 22	2 14	2 30	0 43	16 42	1 48	20 33	13 2	11 45	11 59	3 6	16 58	6 30	
S 8	16 46 24 53	5 1 18	50 0 39	1 4	1 41	22 19	1 46	2 51	1 30	8 22	2 13	2 30	0 43	16 42	1 48	20 33	13 2	11 50	12 0	3 10	16 57	6 30		
M 9	17 2 27 4	4 53	19 33	0 49	1 30	1 43	22 12	1 45	2 51	1 30	8 23	2 13	2 29	0 43	16 41	1 48	20 33	13 3	11 54	12 1	3 13	16 57	6 31	
T 10	17 19 27 52	4 31	20 14	0 59	1 56	1 44	22 5	1 45	2 52	1 30	8 23	2 13	2 28	0 43	16 41	1 48	20 33	13 3	11 58	12 2	3 16	16 56	6 31	
W 11	17 34 27 9	3 54	20 52	1 9	2 22	1 46	21 57	1 44	2 53	1 30	8 23	2 13	2 28	0 43	16 40	1 48	20 34	13 3	12 1	12 3	3 20	16 56	6 32	
T 12	17 50 24 55	3 5 21	29 1 18	2 48	1 47	21 50	1 43	2 54	1 29	8 23	2 13	2 27	0 43	16 40	1 48	20 34	13 4	12 2	12 4	3 23	16 55	6 32		
F 13	18 5 21 15	2 4 22	3 1 27	3 14	1 48	21 42	1 42	2 54	1 29	8 23	2 12	2 26	0 43	16 39	1 48	20 34	13 4	12 3	12 5	3 26	16 55	6 33		
S 14	18 20 16 24	0 56	22 34	1 35	3 40	1 50	21 34	1 42	2 55	1 29	8 23	2 12	2 26	0 43	16 39	1 48	20 34	13 4	12 4	12 6	3 30	16 54	6 33	
S 15	18 35 10 37	0n18	23 3	1 42	4 6	1 51	21 26	1 41	2 55	1 29	8 23	2 12	2 25	0 43	16 39	1 48	20 34	13 5	12 4	12 7	3 33	16 54	6 34	
M 16	18 50 4 11	1 31	23 30	1 49	4 32	1 52	21 18	1 40	2 56	1 29	8 23	2 12	2 25	0 43	16 38	1 48	20 34	13 5	12 4	12 9	3 36	16 53	6 34	
T 17	19 4 2n33	2 40	23 53	1 55	4 58	1 53	21 10	1 39	2 56	1 28	8 23	2 12	2 24	0 43	16 38	1 48	20 34	13 5	12 5	12 10	3 40	16 53	6 35	
W 18	19 17 9 14	3 39	24 15	2 0	5 24	1 54	21 1	1 39	2 56	1 28	8 23	2 12	2 24	0 43	16 37	1 48	20 34	13 6	12 6	12 11	3 43	16 52	6 35	
T 19	19 31 15 28	4 25	24 33	2 5	5 50	1 54	20 53	1 38	2 57	1 28	8 22	2 11	2 23	0 43	16 37	1 48	20 34	13 6	12 9	12 12	3 46	16 52	6 36	
F 20	19 44 20 49	4 52	24 49	2 9	6 16	1 55	20 44	1 37	2 57	1 28	8 22	2 11	2 23	0 43	16 37	1 48	20 34	13 6	12 12	12 13	3 50	16 51	6 36	
S 21	19 57 24 50	5 0 25	3 2 12	6 42	1 56	20 36	1 36	2 57	1 27	8 22	2 11	2 22	0 43	16 36	1 48	20 34	13 7	12 16	12 14	3 53	16 51	6 37		
S 22	20 9 27 13	4 49	25 14	2 14	7 7	1 56	20 27	1 36	2 57	1 27	8 21	2 11	2 22	0 43	16 36	1 48	20 35	13 7	12 20	12 15	3 56	16 51	6 37	
M 23	20 21 27 47	4 21	25 23	2 15	7 33	1 57	20 18	1 35	2 57	1 27	8 21	2 11	2 21	0 43	16 35	1 48	20 35	13 8	12 24	12 16	4 0	16 50	6 38	
T 24	20 33 26 38	3 38	25 30	2 16	7 58	1 57	20 9	1 34	2 56	1 27	8 21	2 11	2 21	0 43	16 35	1 48	20 35	13 8	12 27	12 17	4 3	16 50	6 38	
W 25	20 44 24 1	2 45	25 35	2 16	8 24	1 57	20 0	1 33	2 56	1 26	8 20	2 10	2 20	0 43	16 35	1 48	20 35	13 8	12 29	12 18	4 6	16 49	6 38	
T 26	20 55 20 16	1 45	25 38	2 15	8 49	1 57	19 50	1 33	2 56	1 26	8 20	2 10	2 20	0 43	16 34	1 48	20 35	13 9	12 30	12 20	4 10	16 49	6 39	
F 27	21 6 15 43	0 41	25 38	2 13	9 14	1 57	19 41	1 32	2 55	1 26	8 19	2 10	2 20	0 43	16 34	1 48	20 35	13 9	12 30	12 21	4 13	16 49	6 39	
S 28	21 16 10 39	0s23	25 37	2 10	9 39	1 57	19 31	1 31	2 55	1 26	8 18	2 10	2 19	0 43	16 33	1 48	20 36	13 9	12 30	12 22	4 16	16 48	6 40	
S 29	21 26 5 16	1 25	25 35	2 7	10 3	1 57	19 22	1 31	2 54	1 25	8 18	2 10	2 19	0 43	16 33	1 48	20 36	13 10	12					

SWISS EPHEMERIS for the year 1803

JUNE 1803

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	16 34 5	9II29'41	18Ω50	2Ω56	4Ω41	11Ω 8	26Π 2	14Π 4	7°R25	21°R56	8°R23	26°R54	27°R16	4Ω 9	0°R26	
T 2	16 38 1	10°27'07	0III52	4° 0	5°52	11°42	26° 4	14° 5	7Ω25	21III55	8°23	26°R46	27°13	4°16	0Ω22	
F 3	16 41 58	11°24'32	13° 5	5° 2	7° 3	12°15	26° 6	14° 7	7°24	21°53	8°23	26°36	27°10	4°23	0°19	
S 4	16 45 54	12°21'56	25°31	5°59	8°14	12°49	26° 7	14° 9	7°23	21°52	8°23	26°24	27° 7	4°29	0°15	
S 5	16 49 51	13°19'19	8°R11	6°53	9°25	13°24	26° 9	14°11	7°23	21°50	8°23	26°12	27° 3	4°36	0°11	
M 6	16 53 47	14°16'41	21° 5	7°43	10°36	13°58	26°12	14°13	7°22	21°49	8°23	26° 0	27° 0	4°43	0° 8	
T 7	16 57 44	15°14'03	4Ω12	8°29	11°47	14°32	26°14	14°15	7°22	21°47	8°23	25°50	26°57	4°49	0° 4	
W 8	17 1 141	16°11'23	17°32	9°11	12°58	15° 6	26°17	14°17	7°21	21°46	8°24	25°43	26°54	4°56	29°R59	
T 9	17 5 37	17° 8'43	1Ω 2	9°49	14°10	15°40	26°19	14°19	7°21	21°44	8°R24	25°38	26°51	5° 3	29°56	
F 10	17 9 34	18° 6'03	14°42	10°23	15°21	16°15	26°22	14°22	7°21	21°43	8°24	25°36	26°47	5° 9	29°52	
S 11	17 13 30	19° 3'21	28°31	10°52	16°32	16°49	26°25	14°24	7°20	21°41	8°24	25°D35	26°44	5°16	29°48	
S 12	17 17 27	20° 0'40	12°R28	11°18	17°43	17°24	26°29	14°27	7°20	21°40	8°23	25°36	26°41	5°23	29°44	
M13	17 21 23	20°57'58	26°34	11°38	18°55	17°58	26°32	14°29	7°20	21°39	8°23	25°R36	26°38	5°29	29°41	
T 14	17 25 20	21°55'16	10°R47	11°55	20° 6	18°33	26°36	14°32	7°20	21°37	8°23	25°35	26°35	5°36	29°37	
W15	17 29 16	22°52'33	25° 6	12° 6	21°17	19° 8	26°39	14°35	7°20	21°36	8°23	25°31	26°32	5°43	29°33	
T 16	17 33 13	23°49'50	9Ω28	12°14	22°29	19°42	26°43	14°38	7°D20	21°35	8°23	25°25	26°28	5°49	29°29	
F 17	17 37 10	24°47'07	23°47	12°R16	23°40	20°17	26°47	14°41	7°20	21°33	8°23	25°17	26°25	5°56	29°25	
S 18	17 41 6	25°44'24	7II59	12°14	24°52	20°52	26°51	14°44	7°20	21°32	8°23	25° 8	26°22	6° 3	29°21	
S 19	17 45 3	26°41'40	21°59	12° 8	26° 3	21°27	26°56	14°47	7°20	21°31	8°22	24°59	26°19	6° 9	29°17	
M20	17 48 59	27°38'56	5Ω42	11°57	27°15	22° 2	27° 0	14°50	7°20	21°30	8°22	24°50	26°16	6°16	29°13	
T 21	17 52 56	28°36'12	19° 5	11°43	28°27	22°37	27° 5	14°54	7°20	21°28	8°22	24°43	26°13	6°23	29° 9	
W22	17 56 52	29°33'27	2Ω 7	11°24	29°38	23°12	27°10	14°57	7°21	21°27	8°22	24°39	26° 9	6°29	29° 5	
T 23	18 0 49	0Ω30'41	14°48	11° 1	0II50	23°47	27°15	15° 1	7°21	21°26	8°21	24°36	26° 6	6°36	29° 1	
F 24	18 4 46	1°27'55	27°10	10°35	2° 2	24°23	27°20	15° 4	7°22	21°25	8°21	24°D36	26° 3	6°43	28°57	
S 25	18 8 42	2°25'08	9Π17	10° 6	3°14	24°58	27°25	15° 8	7°22	21°24	8°21	24°37	26° 0	6°49	28°53	
S 26	18 12 39	3°22'21	21°14	9°35	4°25	25°33	27°31	15°12	7°23	21°23	8°20	24°38	25°57	6°56	28°49	
M27	18 16 35	4°19'33	3Ω 5	9° 1	5°37	26° 9	27°36	15°16	7°23	21°21	8°20	24°R38	25°53	7° 3	28°45	
T 28	18 20 32	5°16'45	14°56	8°26	6°49	26°44	27°42	15°20	7°24	21°20	8°19	24°38	25°50	7° 9	28°41	
W29	18 24 28	6°13'57	26°52	7°50	8° 1	27°20	27°48	15°24	7°24	21°19	8°19	24°35	25°47	7°16	28°37	
T 30	18 28 25	7Ω11'08	8III57	7Ω14	9II13	27Ω55	27Π54	15Π28	7Ω25	21III18	8°R18	24°R31	25°R44	7Ω23	28°R33	

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	21n54	11s 3	3s58	25n17	1n51	11n16	1s56	18n52	1n28	2n52	1n25	8n16	2n 9	2s18	0n42	16s32	1n48	20s37	13s11	12s34	12s26	4s29	16s47	6n41
T 2	22 2 16	1 4 31	25 9	1 45	11 40	1 56	18 42	1 28	2 51	1 24	8 15	2 9	2 18	0 42	16 32	1 48	20 37	13 11	12 36	12 27	4 33	16 47	6 41	
F 3	22 10 20	26 4 53	24 59	1 37	12 4	1 55	18 32	1 27	2 51	1 24	8 14	2 9	2 17	0 42	16 31	1 48	20 37	13 11	12 40	12 28	4 36	16 46	6 42	
S 4	22 18 24	2 5 1	24 49	1 29	12 28	1 55	18 22	1 26	2 50	1 24	8 13	2 9	2 17	0 42	16 31	1 48	20 37	13 12	12 44	12 29	4 39	16 46	6 42	
S 5	22 25 26	33 4 55	24 37	1 20	12 51	1 54	18 11	1 26	2 49	1 24	8 12	2 8	2 17	0 42	16 30	1 48	20 38	13 12	12 48	12 30	4 43	16 46	6 42	
M 6	22 32 27	43 4 33	24 24	1 10	13 14	1 53	18 1	1 25	2 47	1 23	8 12	2 8	2 17	0 42	16 30	1 48	20 38	13 13	12 52	12 32	4 46	16 45	6 43	
T 7	22 39 27	21 3 57	24 11	0 59	13 36	1 52	17 50	1 24	2 46	1 23	8 11	2 8	2 17	0 42	16 30	1 48	20 38	13 13	12 55	12 33	4 49	16 45	6 43	
W 8	22 45 25	25 3 7	23 57	0 48	13 59	1 51	17 39	1 23	2 45	1 23	8 10	2 8	2 17	0 42	16 29	1 48	20 39	13 13	12 58	12 34	4 53	16 45	6 43	
T 9	22 51 22	1 2 7	23 42	0 36	14 21	1 50	17 28	1 23	2 44	1 23	8 9	2 8	2 17	0 42	16 29	1 48	20 39	13 14	12 59	12 35	4 56	16 45	6 43	
F 10	22 56 17	22 0 58	23 27	0 23	14 43	1 49	17 17	1 22	2 42	1 22	8 7	2 8	2 16	0 42	16 29	1 48	20 39	13 14	13 0	12 36	4 59	16 44	6 44	
S 11	23 1 11	46 0n16	23 11	0 10	15 4	1 48	17 6	1 21	2 41	1 22	8 6	2 7	2 16	0 42	16 28	1 48	20 40	13 14	13 0	12 37	5 2	16 44	6 44	
S 12	23 5 5 31	1 29	22 55	0s 4	15 26	1 47	16 55	1 21	2 39	1 22	8 5	2 7	2 16	0 42	16 28	1 48	20 40	13 15	13 0	12 38	5 6	16 44	6 44	
M13	23 10 1n 2	2 37	22 38	0 19	15 46	1 46	16 44	1 20	2 38	1 22	8 4	2 7	2 16	0 42	16 28	1 48	20 40	13 15	13 0	12 39	5 9	16 44	6 44	
T 14	23 13 7 36	3 36	22 22	0 34	16 7	1 44	16 33	1 19	2 36	1 22	8 3	2 7	2 16	0 42	16 27	1 48	20 41	13 15	13 1	12 40	5 12	16 43	6 45	
W15	23 17 13 48	4 23	22 6	0 50	16 27	1 43	16 21	1 19	2 34	1 21	8 2	2 7	2 16	0 42	16 27	1 48	20 41	13 16	13 2	12 41	5 16	16 43	6 45	
T 16	23 19 19 17	4 52	21 49	1 5	16 47	1 41	16 9	1 18	2 33	1 21	8 0	2 7	2 16	0 42	16 27	1 48	20 41	13 16	13 4	12 42	5 19	16 43	6 45	
F 17	23 22 23 39	5 4	21 33	1 22	17 6	1 40	15 58	1 17	2 31	1 21	7 59	2 6	2 16	0 42	16 26	1 48	20 42	13 16	13 6	12 43	5 22	16 43	6 45	
S 18	23 24 26 32	4 57	21 16	1 38	17 25	1 38	15 46	1 17	2 29	1 21	7 58	2 6	2 16	0 42	16 26	1 48	20 42	13 17	13 10	12 45	5 25	16 43	6 45	
S 19	23 26 27 44	4 31	21 1	1 55	17 44	1 36	15 34	1 16	2 27	1 20	7 56	2 6	2 17	0 42	16 26	1 48	20 43	13 17	13 13	12 46	5 29	16 43	6 45	
M20	23 27 27 11	3 51	20 45	2 11	18 2	1 35	15 22	1 15	2 25	1 20	7 55	2 6	2 17	0 42	16 26	1 47	20 43	13 17	13 16	12 47	5 32	16 42	6 45	
T 21	23 28 25 3	2 58	20 30	2 28	18 20	1 33	15 10	1 15	2 23	1 20	7 53	2 6	2 17	0 42	16 25	1 47	20 43	13 18	13 18	12 48	5 35	16 42	6 46	
W22	23 28 21 37	1 58	20 15	2 44	18 37	1 31	14 58	1 14	2 21	1 20	7 52	2 6	2 17	0 42	16 25	1 47	20 44	13 18	13 19	12 49	5 39	16 42	6 46	
T 23	23 28 17 15	0 52	20 2	2 59	18 54	1 29	14 46	1 13	2 19	1 19	7 50	2 5	2 17	0 42	16 25	1 47	20 44	13 18	13 20	12 50	5 42	16 42	6 46	
F 24	23 28 12 15	0s14	19 49	3 15	19 10	1 27	14 33	1 13	2 16	1 19	7 49	2 5	2 17	0 41	16 25	1 47	20 45	13 19	13 20	12 51	5 45	16 42	6 46	
S 25	23 27 6 53	1 18	19 36	3 29	19 26	1 25	14 21	1 12	2 14	1 19	7 47	2 5	2 18	0 41	16 24	1 47	20 45	13 19	13 20	12 52	5 48	16 42	6 46	
S 26	23 25 1 22	2 18	19 25	3 43	19 41	1 23	14 8	1 11	2 12	1 19	7 45	2 5	2 18	0 41	16 24	1 47	20 46	13 19	13 20	12 53	5 52	16 42	6 46	
M27	23 24 4s10	3 12	19 15	3 55	19 56	1 21	13 55	1 10	2 9	1 19	7 44	2 5	2 18	0 41	16 24	1 47	20 46	13 20	13 19	12 54	5 55	16 42	6 46	
T 28	23 22 9 32	3 58	19 6	4 7	20 10	1 19	13 43	1 10	2 7	1 18	7 42	2 5	2 18	0 41	16 24	1 47	20 47	13 20	13 20	12 55	5 58	16 42	6 46	
W29	23 19 14 36	4 33	18 57	4 17	20 24	1 17	13 30	1 9	2 4	1 18	7 40	2 4	2 19	0 41	16 23	1 47	20 47	13 20	13 20	12 56	6 1	16 42	6 46	
T 30	23n16	19s11	4s57	18n51	4s26	20n38																		

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F 1	18 32 21	8° 8'19"	21° 15'	6° R38	10° II25	28° Ω31	28° 0	15° 17	7° 26	21° R17	8° R18	24° R25	25° Ω41	7° Ω30	28° R29
S 2	18 36 18	9° 5'30"	3° 27'49"	6° 3	11° 37	29° 7	28° 6	15° 37	7° 27	21° 16	8° 17	24° Ω18	25° 38	7° 36	28° 25
S 3	18 40 15	10° 2'40"	16° 41	5° 29	12° 49	29° 42	28° 13	15° 41	7° 28	21° 15	8° 17	24° 11	25° 34	7° 43	28° 22
M 4	18 44 11	10° 59'51"	29° 52	4° 58	14° 1	0° 17	28° 19	15° 45	7° 29	21° 14	8° 16	24° 4	25° 31	7° 50	28° 18
T 5	18 48 8	11° 57'01"	13° 31'19"	4° 29	15° 13	0° 54	28° 26	15° 50	7° 30	21° 14	8° 16	23° 58	25° 28	7° 56	28° 14
W 6	18 52 4	12° 54'12"	27° 2	4° 3	16° 25	1° 30	28° 33	15° 55	7° 31	21° 13	8° 15	23° 53	25° 25	8° 3	28° 10
T 7	18 56 1	13° 51'23"	10° 35'57"	3° 41	17° 38	2° 6	28° 40	15° 59	7° 32	21° 12	8° 15	23° 51	25° 22	8° 10	28° 6
F 8	18 59 57	14° 48'34"	25° 1	3° 23	18° 50	2° 42	28° 47	16° 4	7° 33	21° 11	8° 14	23° D50	25° 19	8° 16	28° 3
S 9	19 3 54	15° 45'45"	9° 10	3° 10	20° 2	3° 18	28° 54	16° 9	7° 34	21° 10	8° 13	23° 51	25° 15	8° 23	27° 59
S 10	19 7 50	16° 42'57"	23° 23	3° 1	21° 14	3° 54	29° 2	16° 14	7° 35	21° 9	8° 13	23° 52	25° 12	8° 30	27° 55
M 11	19 11 47	17° 40'09"	7° 36	2° D57	22° 27	4° 30	29° 9	16° 19	7° 37	21° 9	8° 12	23° 53	25° 9	8° 36	27° 52
T 12	19 15 44	18° 37'22"	21° 48	2° 59	23° 39	5° 7	29° 17	16° 24	7° 38	21° 8	8° 11	23° R54	25° 6	8° 43	27° 48
W 13	19 19 40	19° 34'35"	5° 36	3° 6	24° 52	5° 43	29° 24	16° 29	7° 39	21° 7	8° 10	23° 52	25° 3	8° 50	27° 45
T 14	19 23 37	20° 31'49"	19° 59	3° 18	26° 4	6° 19	29° 32	16° 34	7° 41	21° 7	8° 10	23° 50	24° 59	8° 56	27° 41
F 15	19 27 33	21° 29'04"	3° 11'55"	3° 35	27° 17	6° 56	29° 40	16° 39	7° 42	21° 6	8° 9	23° 46	24° 56	9° 3	27° 38
S 16	19 31 30	22° 26'20"	17° 41	3° 58	28° 29	7° 32	29° 48	16° 45	7° 44	21° 6	8° 8	23° 42	24° 53	9° 10	27° 34
S 17	19 35 26	23° 23'36"	1° 14	4° 27	29° 42	8° 9	29° 57	16° 50	7° 45	21° 5	8° 7	23° 37	24° 50	9° 16	27° 31
M 18	19 39 23	24° 20'52"	14° 33	5° 1	0° 54	8° 45	0° 5	16° 56	7° 47	21° 4	8° 6	23° 33	24° 47	9° 23	27° 28
T 19	19 43 19	25° 18'10"	27° 36	5° 41	2° 7	9° 22	0° 13	17° 1	7° 49	21° 4	8° 6	23° 29	24° 44	9° 30	27° 24
W 20	19 47 16	26° 15'27"	10° 23	6° 26	3° 20	9° 59	0° 22	17° 7	7° 50	21° 3	8° 5	23° 27	24° 40	9° 37	27° 21
T 21	19 51 13	27° 12'46"	22° 54	7° 17	4° 32	10° 35	0° 30	17° 12	7° 52	21° 3	8° 4	23° D27	24° 37	9° 43	27° 18
F 22	19 55 9	28° 10'04"	5° 10	8° 13	5° 45	11° 12	0° 39	17° 18	7° 54	21° 3	8° 3	23° 27	24° 34	9° 50	27° 15
S 23	19 59 6	29° 7'23"	17° 14	9° 14	6° 58	11° 49	0° 48	17° 24	7° 56	21° 2	8° 2	23° 28	24° 31	9° 57	27° 12
S 24	20 3 2	0° 4'43"	29° 10	10° 21	8° 11	12° 26	0° 57	17° 30	7° 58	21° 2	8° 1	23° 30	24° 28	10° 3	27° 9
M 25	20 6 59	1° 2'02"	11° 1	11° 32	9° 24	13° 3	1° 6	17° 35	8° 0	21° 2	8° 0	23° 32	24° 25	10° 10	27° 6
T 26	20 10 55	1° 59'23"	22° 52	12° 49	10° 37	13° 40	1° 15	17° 41	8° 2	21° 1	7° 59	23° 33	24° 21	10° 17	27° 3
W 27	20 14 52	2° 56'44"	4° 11'48"	14° 10	11° 50	14° 17	1° 25	17° 47	8° 4	21° 1	7° 58	23° R33	24° 18	10° 23	27° 0
T 28	20 18 48	3° 54'05"	16° 53	15° 36	13° 3	14° 54	1° 34	17° 53	8° 6	21° 1	7° 57	23° 32	24° 15	10° 30	26° 58
F 29	20 22 45	4° 51'27"	29° 12	17° 7	14° 16	15° 31	1° 44	17° 59	8° 8	21° 1	7° 56	23° 31	24° 12	10° 37	26° 55
S 30	20 26 42	5° 48'50"	11° 27'49"	18° 42	15° 29	16° 8	1° 53	18° 6	8° 10	21° 1	7° 55	23° 29	24° 9	10° 43	26° 52
S 31	20 30 38	6° 46'13"	24° 27'47"	20° 21	16° 42	16° 17	2° 3	18° 12	8° 12	21° 0	7° 54	23° 27	24° 5	10° 50	26° 50

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
F 1	23n13	23s 2	5s 8	18n45	4s33	20n50	1s12	13n 4	1n 8	1n59	1n18	7n37	2n 4	2s19	0n41	16s23	1n47	20s48	13s21	13s24	12s58	6s 8	16s41	6n46
S 2	23 9	25 55	5 4	18 41	4 39	21 3	1 10	12 51	1 7	1 56	1 17	7 35	2 4	2 20	0 41	16 23	1 47	20 48	13 21	13 26	13 0	6 11	16 41	6 46
S 3	23 5	27 31	4 45	18 38	4 44	21 14	1 8	12 38	1 7	1 54	1 17	7 33	2 4	2 20	0 41	16 22	1 47	20 49	13 22	13 29	13 1	6 14	16 41	6 46
M 4	23 1	27 39	4 11	18 36	4 46	21 26	1 5	12 24	1 6	1 51	1 17	7 31	2 4	2 20	0 41	16 22	1 47	20 49	13 22	13 31	13 2	6 18	16 41	6 46
T 5	22 56	26 9	3 22	18 36	4 48	21 36	1 3	12 11	1 5	1 48	1 17	7 29	2 4	2 21	0 41	16 22	1 47	20 50	13 22	13 33	13 3	6 21	16 41	6 46
W 6	22 50	23 4	2 20	18 37	4 47	21 46	1 1	11 58	1 5	1 45	1 17	7 28	2 3	2 21	0 41	16 22	1 47	20 50	13 23	13 34	13 4	6 24	16 41	6 46
T 7	22 45	18 37	1 9	18 40	4 45	21 55	0 58	11 44	1 4	1 42	1 16	7 26	2 3	2 22	0 41	16 22	1 47	20 51	13 23	13 35	13 5	6 27	16 41	6 46
F 8	22 39	13 6	0n 6	18 44	4 42	22 4	0 56	11 31	1 3	1 39	1 16	7 24	2 3	2 22	0 41	16 22	1 47	20 52	13 23	13 35	13 6	6 31	16 42	6 46
S 9	22 32	6 52	1 23	18 49	4 37	22 12	0 53	11 17	1 3	1 36	1 16	7 22	2 3	2 23	0 41	16 21	1 47	20 52	13 24	13 35	13 7	6 34	16 42	6 46
S 10	22 25	0 17	2 34	18 55	4 31	22 20	0 51	11 3	1 2	1 33	1 16	7 20	2 3	2 23	0 41	16 21	1 47	20 53	13 24	13 35	13 8	6 37	16 42	6 45
M 11	22 18	6n19	3 36	19 2	4 24	22 27	0 48	10 49	1 1	1 30	1 16	7 18	2 3	2 24	0 41	16 21	1 46	20 53	13 24	13 34	13 9	6 40	16 42	6 45
T 12	22 10	12 35	4 24	19 11	4 15	22 33	0 46	10 35	1 1	1 26	1 15	7 15	2 3	2 24	0 41	16 21	1 46	20 54	13 25	13 34	13 10	6 44	16 42	6 45
W 13	22 2	18 10	4 57	19 20	4 6	22 39	0 43	10 22	1 0	1 23	1 15	7 13	2 3	2 25	0 41	16 21	1 46	20 54	13 25	13 35	13 11	6 47	16 42	6 45
T 14	21 54	22 45	5 11	19 30	3 56	22 44	0 40	10 7	1 0	1 20	1 15	7 11	2 2	2 26	0 41	16 21	1 46	20 55	13 25	13 36	13 12	6 50	16 42	6 45
F 15	21 45	25 59	5 7	19 41	3 44	22 49	0 38	9 53	0 59	1 16	1 15	7 9	2 2	2 26	0 41	16 21	1 46	20 55	13 25	13 37	13 13	6 53	16 42	6 45
S 16	21 36	27 38	4 45	19 52	3 32	22 52	0 35	9 39	0 58	1 13	1 15	7 7	2 2	2 27	0 41	16 21	1 46	20 56	13 26	13 38	13 15	6 56	16 42	6 45
S 17	21 26	27 35	4 8	20 4	3 20	22 56	0 32	9 25	0 58	1 10	1 14	7 5	2 2	2 28	0 41	16 20	1 46	20 56	13 26	13 40	13 16	7 0	16 42	6 44
M 18	21 16	25 56	3 17	20 16	3 7	22 58	0 30	9 11	0 57	1 6	1 14	7 2	2 2	2 28	0 40	16 20	1 46	20 57	13 26	13 41	13 17	7 3	16 42	6 44
T 19	21 6	22 54	2 17	20 28	2 53	23 0	0 27	8 56	0 56	1 3	1 14	7 0	2 2	2 29	0 40	16 20	1 46	20 58	13 26	13 42	13 18	7 6	16 43	6 44
W 20	20 55	18 48	1 11	20 40	2 39	23 1	0 24	8 42	0 56	0 59	1 14	6 58	2 2	2 30	0 40	16 20	1 46	20 58	13 27	13 43	13 19	7 9	16 43	6 44
T 21	20 44	13 57	0 3	20 51	2 25	23 2	0 22	8 27	0 55	0 55	1 14	6 56	2 2	2 30	0 40	16 20	1 46	20 59	13 27	13 43	13 20	7 13	16 43	6 44
F 22	20 33	8 38	1s 4	21 3	2 10	23 1	0 19	8 13	0 54	0 52	1 14	6 53	2 1	2 31	0 40	16 20	1 46	20 59	13 27	13 43	13 21	7 1		

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M 1	20 34 35	7Ω43'37	8♁ 7	22♁ 4	17♁55	17♁23	2♁13	18♁18	8♁15	21°R 0	7°R53	23°R24	24♁ 2	10♁57	26°R47								
T 2	20 38 31	8°41'02	21°49	23°50	19° 8	18° 0	2°22	18°24	8°17	21M 0	7H52	23♁23	23°59	11° 3	26♁45								
W 3	20 42 28	9°38'28	5♁51	25°40	20°21	18°38	2°32	18°31	8°19	21°D 0	7°51	23°21	23°56	11°10	26°42								
T 4	20 46 24	10°35'54	20° 9	27°32	21°34	19°15	2°42	18°37	8°22	21° 0	7°50	23°D21	23°53	11°17	26°40								
F 5	20 50 21	11°33'22	4H39	29°28	22°48	19°53	2°52	18°44	8°24	21° 0	7°49	23°21	23°50	11°23	26°38								
S 6	20 54 17	12°30'51	19°15	1Ω25	24° 1	20°30	3° 3	18°50	8°27	21° 0	7°48	23°22	23°46	11°30	26°36								
S 7	20 58 14	13°28'21	3V51	3°24	25°14	21° 8	3°13	18°57	8°29	21° 0	7°47	23°23	23°43	11°37	26°34								
M 8	21 2 11	14°25'52	18°21	5°25	26°28	21°45	3°23	19° 3	8°32	21° 1	7°45	23°23	23°40	11°44	26°32								
T 9	21 6 7	15°23'25	2♁42	7°26	27°41	22°23	3°34	19°10	8°34	21° 1	7°44	23°24	23°37	11°50	26°30								
W10	21 10 4	16°20'59	16°51	9°29	28°54	23° 1	3°44	19°16	8°37	21° 1	7°43	23°R24	23°34	11°57	26°28								
T 11	21 14 0	17°18'35	0III46	11°31	0Ω 8	23°39	3°55	19°23	8°40	21° 1	7°42	23°24	23°31	12° 4	26°26								
F 12	21 17 57	18°16'12	14°25	13°34	1°21	24°17	4° 6	19°30	8°42	21° 1	7°41	23°23	23°27	12°10	26°25								
S 13	21 21 53	19°13'51	27°50	15°37	2°35	24°55	4°16	19°37	8°45	21° 2	7°40	23°23	23°24	12°17	26°23								
S 14	21 25 50	20°11'31	10♁59	17°40	3°49	25°33	4°27	19°43	8°48	21° 2	7°38	23°23	23°21	12°24	26°21								
M15	21 29 47	21° 9'13	23°55	19°42	5° 2	26°11	4°38	19°50	8°51	21° 2	7°37	23°22	23°18	12°30	26°20								
T 16	21 33 43	22° 6'56	6Ω36	21°43	6°16	26°49	4°49	19°57	8°54	21° 3	7°36	23°22	23°15	12°37	26°19								
W17	21 37 40	23° 4'41	19° 5	23°43	7°30	27°27	5° 0	20° 4	8°56	21° 3	7°35	23°22	23°11	12°44	26°17								
T 18	21 41 36	24° 2'27	1♁23	25°42	8°43	28° 5	5°11	20°11	8°59	21° 4	7°34	23°22	23° 8	12°50	26°16								
F 19	21 45 33	25° 0'14	13°30	27°41	9°57	28°43	5°23	20°18	9° 2	21° 4	7°32	23°22	23° 5	12°57	26°15								
S 20	21 49 29	25°58'02	25°29	29°38	11°11	29°22	5°34	20°25	9° 5	21° 5	7°31	23°22	23° 2	13° 4	26°14								
S 21	21 53 26	26°55'52	7♁22	1♁33	12°25	29°59	5°45	20°32	9° 8	21° 5	7°30	23°21	22°59	13°11	26°13								
M22	21 57 22	27°53'43	19°12	3°28	13°39	0♁38	5°57	20°39	9°11	21° 6	7°29	23°21	22°56	13°17	26°12								
T 23	22 1 19	28°51'36	1III 3	5°21	14°53	1°17	6° 8	20°46	9°14	21° 6	7°27	23°20	22°52	13°24	26°11								
W24	22 5 15	29°49'29	12°57	7°13	16° 7	1°55	6°20	20°53	9°18	21° 7	7°26	23°20	22°49	13°31	26°11								
T 25	22 9 12	0♁47'24	25° 1	9° 4	17°21	2°34	6°31	21° 1	9°21	21° 8	7°25	23°D19	22°46	13°37	26°10								
F 26	22 13 9	1°45'21	7♁18	10°53	18°35	3°12	6°43	21° 8	9°24	21° 8	7°24	23°19	22°43	13°44	26° 9								
S 27	22 17 5	2°43'18	19°52	12°41	19°49	3°51	6°55	21°15	9°27	21° 9	7°22	23°20	22°40	13°51	26° 9								
S 28	22 21 2	3°41'17	2♁47	14°28	21° 3	4°30	7° 6	21°22	9°30	21°10	7°21	23°21	22°37	13°57	26° 9								
M29	22 24 58	4°39'18	16° 7	16°14	22°17	5° 9	7°18	21°20	9°33	21°11	7°20	23°21	22°33	14° 4	26° 8								
T 30	22 28 55	5°37'20	29°52	17°58	23°31	5°47	7°30	21°37	9°37	21°12	7°19	23°22	22°30	14°11	26° 8								
W31	22 32 51	6♁35'23	14♁ 3	19♁41	24♁45	6♁26	7♁42	21♁44	9♁40	21♁13	7H17	23♁23	22♁27	14♁17	26♁ 8								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
M 1	18n22	26s57	3s45	21n49	0n 9	22n23	0n 7	5n44	0n48	0n13	1n12	6n29	2n 1	2s40	0n40	16s20	1n45	21s 5	13s29	13s44	13s31	7s48	16s45	6n40
T 2	18 7 24	25 2	46 21	43 0 21	22 16	0 10	5 29	0 47	0 9	1 12	6 26	2 0	2 41	0 40	16 20	1 45	21 6	13 30	13 45	13 32	7 51	16 46	6 40	
W 3	17 51	20 22	1 35	21 34	0 33	22 8	0 12	5 13	0 47	0 5	1 12	6 24	2 0	2 42	0 40	16 20	1 45	21 6	13 30	13 45	13 34	7 54	16 46	6 40
T 4	17 36	15 4	0 18	21 23	0 43	21 59	0 15	4 58	0 46	0 1	1 11	6 21	2 0	2 43	0 40	16 20	1 45	21 7	13 30	13 45	13 35	7 57	16 46	6 39
F 5	17 20	8 51	1n 2	21 9	0 53	21 49	0 17	4 43	0 46	0s 3	1 11	6 18	2 0	2 44	0 40	16 20	1 45	21 8	13 30	13 45	13 36	8 0	16 46	6 39
S 6	17 4	2 8	2 19	20 52	1 22	21 39	0 20	4 27	0 45	0 7	1 11	6 16	2 0	2 45	0 40	16 20	1 45	21 8	13 30	13 45	13 37	8 4	16 47	6 39
S 7	16 48	4n41	3 26	20 33	1 10	21 29	0 22	4 12	0 44	0 12	1 11	6 13	2 0	2 46	0 40	16 21	1 45	21 9	13 31	13 45	13 38	8 7	16 47	6 38
M 8	16 31	11 12	4 20	20 11	1 17	21 17	0 25	3 57	0 44	0 16	1 11	6 11	2 0	2 47	0 40	16 21	1 45	21 9	13 31	13 44	13 39	8 10	16 47	6 38
T 9	16 14	17 4	5 17	19 47	1 24	21 6	0 27	3 41	0 43	0 20	1 11	6 8	2 0	2 48	0 40	16 21	1 45	21 10	13 31	13 44	13 40	8 13	16 48	6 38
W10	15 57	21 55	5 15	19 20	1 29	20 53	0 30	3 26	0 42	0 25	1 11	6 5	2 0	2 49	0 40	16 21	1 45	21 11	13 31	13 44	13 41	8 16	16 48	6 37
T 11	15 40	25 27	5 14	18 51	1 34	20 40	0 32	3 10	0 42	0 29	1 10	6 3	2 0	2 50	0 40	16 21	1 45	21 11	13 31	13 44	13 42	8 19	16 48	6 37
F 12	15 22	27 27	4 56	18 20	1 38	20 26	0 34	2 54	0 41	0 33	1 10	6 0	2 0	2 51	0 40	16 21	1 45	21 12	13 31	13 44	13 43	8 23	16 49	6 36
S 13	15 4	27 49	4 22	17 47	1 41	20 12	0 36	2 39	0 41	0 38	1 10	5 57	2 0	2 52	0 40	16 21	1 45	21 12	13 32	13 44	13 44	8 26	16 49	6 36
S 14	14 46	26 34	3 34	17 12	1 43	19 57	0 39	2 23	0 40	0 42	1 10	5 54	2 0	2 53	0 40	16 21	1 45	21 13	13 32	13 45	13 45	8 29	16 49	6 36
M15	14 28	23 55	2 36	16 35	1 45	19 41	0 41	2 7	0 39	0 47	1 10	5 52	2 0	2 54	0 39	16 21	1 44	21 13	13 32	13 45	13 46	8 32	16 50	6 35
T 16	14 9	20 7	1 32	15 57	1 46	19 25	0 43	1 52	0 39	0 51	1 10	5 49	2 0	2 55	0 39	16 22	1 44	21 14	13 32	13 45	13 47	8 35	16 50	6 35
W17	13 50	15 30	0 24	15 18	1 46	19 9	0 45	1 36	0 38	0 56	1 10	5 46	1 59	2 57	0 39	16 22	1 44	21 15	13 32	13 45	13 48	8 38	16 51	6 34
T 18	13 31	10 18	0s44	14 37	1 45	18 52	0 47	1 20	0 37	1 0	1 10	5 43	1 59	2 58	0 39	16 22	1 44	21 15	13 32	13 45	13 49	8 42	16 51	6 34
F 19	13 12	4 49	1 49	13 55	1 44	18 34	0 49	1 4	0 37	1 5	1 9	5 41	1 59	2 59	0 39	16 22	1 44	21 16	13 32	13 45	13 50	8 45	16 51	6 34
S 20	12 53	0s47	2 49	13 13	1 42	18 16	0 51	0 49	0 36	1 9	1 9	5 38	1 59	3 0	0 39	16 22	1 44	21 16	13 32	13 45	13 51	8 48	16 52	6 33
S 21	12 33	6 18	3 41	12 29	1 40	17 57	0 53	0 33	0 36	1 14	1 9	5 35	1 59	3 1	0 39	16 23	1 44	21 17	13 33	13 45	13 52	8 51	16 52	6 33
M22	12 13	11 34	4 23	11 45	1 37	17 38	0 55	0 17	0 35	1 18	1 9	5 32	1 59	3 3	0 39	16 23	1 44	21 18	13 33	13 45	13 53	8 54	16 53	6 32
T 23	11 53	16 26	4 53	11 1	1 34	17 18	0 57	0 1	0 34	1 23	1 9	5 29	1 59	3 4	0 39	16 23	1 44	21 18	13 33	13 45	13 54	8 57	16 53	6 32
W24	11 33	20 41	5 12	10 16	1 30	16 58	0 59	0s15	0 34	1 28	1 9	5 26	1 59	3 5	0 39	16 23	1 44	21 19	13 33	13 45	13 55	9 0	16 53	6 31
T 25	11 12	24 10	5 17	9 30	1 26	16 37	1 0	0 31	0 33	1 32	1 9	5 24	1 59	3 6	0 39	16 23	1 44	21 19	13 33	13 46	13 57	9 4	16 54	6 31
F 26	10 52	26 36	5 8	8 45	1 21	16 16	1 2	0 47	0 33	1 37	1 9	5 21	1 59	3 8	0 39	16 24	1 44	21 20	13 33	13 46	13 58	9 7	16 54	6 30
S 27	10 31	27 48	4 44	7 59	1 16	15 54	1 4	1 3	0 32	1 42	1 9	5 18	1 59	3 9	0 39	16 24	1 44	21 20	13 33	13 45	13 59	9 10	16 55	6 30
S 28	10 10	27 31	4 5	7 13	1 11	15 32	1 5	1 19	0 31	1 47	1 8	5 15	1 59	3 10	0 39	16 24	1 44	21 21	13 33	13 4				

SWISS EPHEMERIS for the year 1803

SEPTEMBER 1803

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♇	♈	♉	♊	♋	♌	♍
T 1	22 36 48	7 ^h 33'27"	28 ^h 36'	21 ^h 23'	25 ^h 05'	7 ^h 5'	7 ^h 54'	21 ^h 51'	9 ^h 43'	21 ^h 13'	7 ^h R16	23 ^h R23	22 ^h 24'	14 ^h 24'	26 ^h D 8			
F 2	22 40 44	8 ^h 31'34"	13 ^h 27'	23 ^h 3'	27 ^h 13'	7 ^h 44'	8 ^h 6'	21 ^h 59'	9 ^h 47'	21 ^h 14'	7 ^h K15	23 ^h 22'	22 ^h 21'	14 ^h 31'	26 ^h 7 8			
S 3	22 44 41	9 ^h 29'42"	28 ^h 26'	24 ^h 42'	28 ^h 28'	8 ^h 23'	8 ^h 18'	22 ^h 6'	9 ^h 50'	21 ^h 15'	7 ^h L14	23 ^h 21'	22 ^h 17'	14 ^h 38'	26 ^h 8			
S 4	22 48 38	10 ^h 27'51"	13 ^h 27'	26 ^h 20'	29 ^h 42'	9 ^h 2'	8 ^h 30'	22 ^h 13'	9 ^h 54'	21 ^h 16'	7 ^h L12	23 ^h 19'	22 ^h 14'	14 ^h 44'	26 ^h 9			
M 5	22 52 34	11 ^h 26'03"	28 ^h 20'	27 ^h 57'	0 ^h 56'	9 ^h 41'	8 ^h 42'	22 ^h 21'	9 ^h 57'	21 ^h 17'	7 ^h L11	23 ^h 17'	22 ^h 11'	14 ^h 51'	26 ^h 9			
T 6	22 56 31	12 ^h 24'17"	12 ^h 59'	29 ^h 33'	2 ^h 11'	10 ^h 21'	8 ^h 55'	22 ^h 28'	10 ^h 0'	21 ^h 18'	7 ^h L10	23 ^h 15'	22 ^h 8'	14 ^h 58'	26 ^h 9			
W 7	23 0 27	13 ^h 22'33"	27 ^h 17'	1 ^h 7'	3 ^h 25'	11 ^h 0'	9 ^h 7'	22 ^h 36'	10 ^h 4'	21 ^h 19'	7 ^h 9'	23 ^h 13'	22 ^h 5'	15 ^h 4'	26 ^h 10			
T 8	23 4 24	14 ^h 20'51"	11 ^h 14'	2 ^h 41'	4 ^h 39'	11 ^h 39'	9 ^h 19'	22 ^h 43'	10 ^h 7'	21 ^h 21'	7 ^h 7'	23 ^h D13	22 ^h 2'	15 ^h 11'	26 ^h 10			
F 9	23 8 20	15 ^h 19'11"	24 ^h 48'	4 ^h 13'	5 ^h 54'	12 ^h 18'	9 ^h 31'	22 ^h 51'	10 ^h 11'	21 ^h 22'	7 ^h 6'	23 ^h 13'	21 ^h 58'	15 ^h 18'	26 ^h 11			
S 10	23 12 17	16 ^h 17'34"	8 ^h 0'	5 ^h 44'	7 ^h 8'	12 ^h 58'	9 ^h 44'	22 ^h 58'	10 ^h 14'	21 ^h 23'	7 ^h 5'	23 ^h 14'	21 ^h 55'	15 ^h 24'	26 ^h 12			
S 11	23 16 13	17 ^h 15'58"	20 ^h 54'	7 ^h 14'	8 ^h 23'	13 ^h 37'	9 ^h 56'	23 ^h 5'	10 ^h 18'	21 ^h 24'	7 ^h 4'	23 ^h 15'	21 ^h 52'	15 ^h 31'	26 ^h 13			
M12	23 20 10	18 ^h 14'25"	3 ^h 03'	8 ^h 43'	9 ^h 37'	14 ^h 17'	10 ^h 9'	23 ^h 13'	10 ^h 21'	21 ^h 25'	7 ^h 2'	23 ^h 17'	21 ^h 49'	15 ^h 38'	26 ^h 14			
T 13	23 24 7	19 ^h 12'53"	15 ^h 55'	10 ^h 11'	10 ^h 52'	14 ^h 56'	10 ^h 21'	23 ^h 20'	10 ^h 25'	21 ^h 26'	7 ^h 1'	23 ^h 18'	21 ^h 46'	15 ^h 44'	26 ^h 15			
W14	23 28 3	20 ^h 11'24"	28 ^h 9'	11 ^h 37'	12 ^h 6'	15 ^h 36'	10 ^h 34'	23 ^h 28'	10 ^h 29'	21 ^h 28'	7 ^h 0'	23 ^h R18	21 ^h 42'	15 ^h 51'	26 ^h 16			
T 15	23 32 0	21 ^h 9'56"	10 ^h 13'	13 ^h 2'	13 ^h 21'	16 ^h 16'	10 ^h 46'	23 ^h 35'	10 ^h 32'	21 ^h 29'	6 ^h 59'	23 ^h 17'	21 ^h 39'	15 ^h 58'	26 ^h 17			
F 16	23 35 56	22 ^h 8'31"	22 ^h 11'	14 ^h 26'	14 ^h 36'	16 ^h 55'	10 ^h 59'	23 ^h 43'	10 ^h 36'	21 ^h 30'	6 ^h 57'	23 ^h 14'	21 ^h 36'	16 ^h 5'	26 ^h 18			
S 17	23 39 53	23 ^h 7'07"	4 ^h 5'	15 ^h 49'	15 ^h 50'	17 ^h 35'	11 ^h 12'	23 ^h 50'	10 ^h 40'	21 ^h 32'	6 ^h 56'	23 ^h 10'	21 ^h 33'	16 ^h 11'	26 ^h 20			
S 18	23 43 49	24 ^h 5'45"	15 ^h 56'	17 ^h 11'	17 ^h 5'	18 ^h 15'	11 ^h 24'	23 ^h 58'	10 ^h 43'	21 ^h 33'	6 ^h 55'	23 ^h 5'	21 ^h 30'	16 ^h 18'	26 ^h 21			
M19	23 47 46	25 ^h 4'25"	27 ^h 46'	18 ^h 31'	18 ^h 20'	18 ^h 55'	11 ^h 37'	24 ^h 5'	10 ^h 47'	21 ^h 35'	6 ^h 54'	22 ^h 59'	21 ^h 27'	16 ^h 25'	26 ^h 23			
T 20	23 51 42	26 ^h 3'07"	9 ^h 13'	19 ^h 50'	19 ^h 34'	19 ^h 35'	11 ^h 50'	24 ^h 13'	10 ^h 51'	21 ^h 36'	6 ^h 53'	22 ^h 53'	21 ^h 23'	16 ^h 31'	26 ^h 24			
W21	23 55 39	27 ^h 1'51"	21 ^h 33'	21 ^h 8'	20 ^h 49'	20 ^h 15'	12 ^h 2'	24 ^h 20'	10 ^h 54'	21 ^h 37'	6 ^h 51'	22 ^h 48'	21 ^h 20'	16 ^h 38'	26 ^h 26			
T 22	23 59 36	28 ^h 0'37"	3 ^h 36'	22 ^h 24'	22 ^h 4'	20 ^h 55'	12 ^h 15'	24 ^h 28'	10 ^h 58'	21 ^h 39'	6 ^h 50'	22 ^h 44'	21 ^h 17'	16 ^h 45'	26 ^h 28			
F 23	0 3 32	28 ^h 59'24"	15 ^h 50'	23 ^h 39'	23 ^h 18'	21 ^h 35'	12 ^h 28'	24 ^h 35'	11 ^h 2'	21 ^h 40'	6 ^h 49'	22 ^h 42'	21 ^h 14'	16 ^h 51'	26 ^h 30			
S 24	0 7 29	29 ^h 58'14"	28 ^h 20'	24 ^h 52'	24 ^h 33'	22 ^h 15'	12 ^h 41'	24 ^h 43'	11 ^h 5'	21 ^h 42'	6 ^h 48'	22 ^h D41	21 ^h 11'	16 ^h 58'	26 ^h 32			
S 25	0 11 25	0 ^h 57'04"	11 ^h 9'	26 ^h 3'	25 ^h 48'	22 ^h 55'	12 ^h 54'	24 ^h 50'	11 ^h 9'	21 ^h 44'	6 ^h 47'	22 ^h 41'	21 ^h 8'	17 ^h 5'	26 ^h 34			
M26	0 15 22	1 ^h 55'57"	24 ^h 21'	27 ^h 12'	27 ^h 3'	23 ^h 36'	13 ^h 6'	24 ^h 57'	11 ^h 13'	21 ^h 45'	6 ^h 46'	22 ^h 42'	21 ^h 4'	17 ^h 12'	26 ^h 36			
T 27	0 19 18	2 ^h 54'51"	8 ^h 0'	28 ^h 20'	28 ^h 18'	24 ^h 16'	13 ^h 19'	25 ^h 5'	11 ^h 17'	21 ^h 47'	6 ^h 45'	22 ^h 44'	21 ^h 1'	17 ^h 18'	26 ^h 38			
W28	0 23 15	3 ^h 53'47"	22 ^h 7'	29 ^h 25'	29 ^h 33'	24 ^h 56'	13 ^h 32'	25 ^h 12'	11 ^h 20'	21 ^h 48'	6 ^h 44'	22 ^h R44	20 ^h 58'	17 ^h 25'	26 ^h 40			
T 29	0 27 11	4 ^h 52'45"	6 ^h 41'	0 ^h 129'	0 ^h 47'	25 ^h 37'	13 ^h 45'	25 ^h 20'	11 ^h 24'	21 ^h 50'	6 ^h 42'	22 ^h 44'	20 ^h 55'	17 ^h 32'	26 ^h 43			
F 30	0 31 8	5 ^h 51'45"	21 ^h 37'	1 ^h 130'	2 ^h 2'	26 ^h 17'	13 ^h 58'	25 ^h 27'	11 ^h 28'	21 ^h 52'	6 ^h 41'	22 ^h 44'	20 ^h 55'	17 ^h 38'	26 ^h 45			

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
T 1	8n45	11s31	0n29	4n 9	0n47	13n59	1n11	2s23	0n29	2s 6	1n 8	5n 3	1n59	3s15	0n39	16s25	1n43	21s23	13s33	13s44	14s 4	9s25	16s57	6n28
F 2	8 23	4 51	1 49	3 23	0 41	13 35	1 12	2 38	0 28	2 11	1 8	5 1	1 59	3 17	0 39	16 26	1 43	21 23	13 33	13 45	14 5	9 29	16 58	6 27
S 3	8 1	2n10	3 2	2 37	0 34	13 10	1 14	2 54	0 28	2 15	1 8	4 58	1 59	3 18	0 39	16 26	1 43	21 24	13 33	13 45	14 6	9 32	16 58	6 27
S 4	7 39	9 2	4 2	1 52	0 27	12 46	1 15	3 10	0 27	2 20	1 8	4 55	1 59	3 20	0 39	16 26	1 43	21 24	13 33	13 46	14 7	9 35	16 59	6 26
M 5	7 17	15 21	4 46	1 7	0 20	12 20	1 16	3 26	0 26	2 25	1 8	4 52	1 59	3 21	0 39	16 27	1 43	21 25	13 33	13 46	14 8	9 38	16 59	6 26
T 6	6 55	20 40	5 10	0 22	0 12	11 55	1 17	3 42	0 26	2 30	1 8	4 49	1 59	3 22	0 39	16 27	1 43	21 25	13 33	13 47	14 9	9 41	17 0	6 25
W 7	6 33	24 40	5 14	0s22	0 5	11 29	1 18	3 58	0 25	2 35	1 8	4 46	1 59	3 24	0 39	16 27	1 43	21 26	13 33	13 48	14 10	9 44	17 0	6 25
T 8	6 10	27 6	5 0	1 6	0s 3	11 2	1 19	4 14	0 24	2 40	1 7	4 43	1 59	3 25	0 39	16 28	1 43	21 26	13 33	13 48	14 11	9 47	17 1	6 24
F 9	5 48	27 50	4 29	1 50	0 10	10 36	1 20	4 30	0 24	2 45	1 7	4 40	1 59	3 26	0 39	16 28	1 43	21 27	13 33	13 48	14 12	9 50	17 1	6 24
S 10	5 25	26 57	3 44	2 33	0 18	10 9	1 21	4 46	0 23	2 50	1 7	4 37	1 59	3 28	0 39	16 28	1 43	21 27	13 33	13 47	14 13	9 53	17 2	6 23
S 11	5 24	37 2	4 9	3 16	0 26	9 42	1 22	5 2	0 23	2 55	1 7	4 34	1 59	3 29	0 39	16 29	1 43	21 28	13 33	13 47	14 14	9 56	17 2	6 23
M12	4 39	21 7	1 47	3 58	0 34	9 14	1 22	5 18	0 22	3 0	1 7	4 31	1 59	3 31	0 39	16 29	1 43	21 28	13 33	13 46	14 15	9 59	17 3	6 22
T 13	4 16	16 44	0 40	4 40	0 41	8 47	1 23	5 34	0 21	3 5	1 7	4 28	1 59	3 32	0 39	16 29	1 43	21 29	13 33	13 46	14 16	10 3	17 3	6 22
W14	3 53	11 43	0s27	5 21	0 49	8 19	1 23	5 50	0 21	3 9	1 7	4 25	1 59	3 33	0 39	16 30	1 43	21 29	13 33	13 46	14 17	10 6	17 4	6 21
T 15	3 30	6 20	1 31	6 2	0 57	7 51	1 24	6 6	0 20	3 14	1 7	4 22	1 59	3 35	0 39	16 30	1 43	21 30	13 33	13 46	14 18	10 9	17 4	6 21
F 16	3 7	0 47	2 32	6 42	1 5	7 22	1 24	6 21	0 20	3 19	1 7	4 20	1 59	3 36	0 39	16 31	1 43	21 30	13 33	13 47	14 19	10 12	17 5	6 20
S 17	2 44	4s45	3 25	7 21	1 13	6 54	1 25	6 37	0 19	3 24	1 7	4 17	1 59	3 38	0 39	16 31	1 43	21 30	13 33	13 49	14 20	10 15	17 5	6 20
S 18	2 21	10 6	4 9	8 0	1 21	6 25	1 25	6 53	0 18	3 29	1 7	4 14	1 59	3 39	0 39	16 31	1 43	21 31	13 33	13 50				

SWISS EPHEMERIS for the year 1803

OCTOBER 1803

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
S 1	0 35 5	6♄50'46	6♃49	2♃28	3♂17	26♄58	14♂11	25♃35	11♂32	21♃53	6♃R40	22♃R36	20♄48	17♄45	26♄748
S 2	0 39 1	7°49'50	22° 7	3°24	4°32	27°39	14°24	25°42	11°35	21°55	6♃39	22♄30	20°45	17°52	26°50
M 3	0 42 58	8°48'56	7♃19	4°16	5°47	28°19	14°37	25°49	11°39	21°57	6°38	22°23	20°42	17°58	26°53
T 4	0 46 54	9°48'04	22°16	5° 5	7° 2	29° 0	14°50	25°57	11°43	21°59	6°37	22°16	20°39	18° 5	26°56
W 5	0 50 51	10°47'14	6♂50	5°51	8°17	29°41	15° 3	26° 4	11°47	22° 0	6°36	22°10	20°36	18°12	26°59
T 6	0 54 47	11°46'27	20°56	6°33	9°32	0♃21	15°16	26°11	11°51	22° 2	6°35	22° 7	20°33	18°19	27° 2
F 7	0 58 44	12°45'42	4♄34	7°10	10°47	1° 2	15°29	26°19	11°54	22° 4	6°34	22° 4	20°29	18°25	27° 5
S 8	1 2 40	13°45'00	17°45	7°43	12° 2	1°43	15°42	26°26	11°58	22° 6	6°33	22°D 4	20°26	18°32	27° 8
S 9	1 6 37	14°44'19	0♂33	8°11	13°17	2°24	15°55	26°33	12° 2	22° 8	6°32	22° 5	20°23	18°39	27°11
M10	1 10 34	15°43'41	13° 1	8°33	14°32	3° 5	16° 8	26°40	12° 6	22°10	6°31	22° 6	20°20	18°45	27°14
T 11	1 14 30	16°43'06	25°15	8°49	15°47	3°46	16°21	26°48	12°10	22°12	6°30	22°R 6	20°17	18°52	27°17
W12	1 18 27	17°42'32	7♃18	8°58	17° 2	4°28	16°34	26°55	12°13	22°13	6°30	22° 5	20°14	18°59	27°21
T 13	1 22 23	18°42'01	19° 5	9°R 1	18°17	5° 9	16°47	27° 2	12°17	22°15	6°29	22° 1	20°10	19° 5	27°24
F 14	1 26 20	19°41'32	1♂13	8°56	19°32	5°50	17° 0	27° 9	12°21	22°17	6°28	21°55	20° 7	19°12	27°28
S 15	1 30 16	20°41'05	12°56	8°42	20°47	6°31	17°13	27°16	12°25	22°19	6°27	21°46	20° 4	19°19	27°31
S 16	1 34 13	21°40'40	24°46	8°21	22° 2	7°13	17°26	27°23	12°28	22°21	6°26	21°35	20° 1	19°26	27°35
M17	1 38 9	22°40'17	6♃39	7°50	23°18	7°54	17°39	27°30	12°32	22°23	6°25	21°23	19°58	19°32	27°39
T 18	1 42 6	23°39'56	18°34	7°11	24°33	8°36	17°52	27°37	12°36	22°25	6°24	21°11	19°54	19°39	27°43
W19	1 46 2	24°39'37	0♂35	6°24	25°48	9°17	18° 5	27°44	12°40	22°27	6°24	21° 0	19°51	19°46	27°46
T 20	1 49 59	25°39'20	12°43	5°28	27° 3	9°59	18°18	27°51	12°43	22°29	6°23	20°50	19°48	19°52	27°50
F 21	1 53 56	26°39'05	24°59	4°25	28°18	10°40	18°31	27°58	12°47	22°32	6°22	20°43	19°45	19°59	27°54
S 22	1 57 52	27°38'51	7♃29	3°17	29°33	11°22	18°44	28° 5	12°51	22°34	6°22	20°39	19°42	20° 6	27°58
S 23	2 1 49	28°38'40	20°14	2° 3	0♃48	12° 4	18°57	28°12	12°54	22°36	6°21	20°37	19°39	20°12	28° 3
M24	2 5 45	29°38'29	3♂19	0°48	2° 4	12°46	19°10	28°18	12°58	22°38	6°20	20°D37	19°35	20°19	28° 7
T 25	2 9 42	0♃38'21	16°48	29♂31	3°19	13°28	19°23	28°25	13° 2	22°40	6°20	20°R37	19°32	20°26	28°11
W26	2 13 38	1°38'14	0♂42	28°17	4°34	14°10	19°36	28°32	13° 5	22°42	6°19	20°37	19°29	20°33	28°15
T 27	2 17 35	2°38'09	15° 4	27° 7	5°49	14°52	19°48	28°38	13° 9	22°44	6°18	20°35	19°26	20°39	28°20
F 28	2 21 31	3°38'05	29°51	26° 4	7° 4	15°34	20° 1	28°45	13°13	22°46	6°18	20°30	19°23	20°46	28°24
S 29	2 25 28	4°38'03	14♂57	25° 9	8°20	16°16	20°14	28°52	13°16	22°48	6°17	20°23	19°19	20°53	28°29
S 30	2 29 25	5°38'03	0♂14	24°24	9°35	16°58	20°27	28°58	13°20	22°51	6°17	20°13	19°16	20°59	28°33
MB1	2 33 21	6♃38'05	15♂32	23♂49	10♃50	17♃40	20♂40	29♃5	13♂23	22♃53	6♃16	20♄2	19♄13	21♂6	28♄38

Day	☉		☽		♀		♂		♃		♄		♅		♆		♁		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	2s43	6n 1	3n35	15s 3	2s53	0s 2	1n23	10s15	0n10	4s35	1n 6	3n36	2n 0	3s58	0n39	16s37	1n42	21s35	13s32	14s 0	14s34	10s58	17s12	6n13
S 2	3 7 12	44 4	26 15	27 2	58 0	33 1	22 10	30 0	10 4	40 1	6 3	33 2	0 4	0 4	0 39	16 38	1 42	21 36	13 32	14 2	14 36	11 1	17 13	6 13
M 3	3 30 18	39 4	57 15	50 3	3 1	3 1	22 10	45 0	9 4	45 1	6 3	30 2	0 4	1 0	39 16	38 1	42 21	36 13	31 14	4 14	37 11	4 17	13 6	13
T 4	3 53 23	19 5	8 16	11 3	8 1	3 3	1 21	11 0	0 8	4 50	1 6	3 27	2 0	4 3	0 39	16 39	1 42	21 36	13 31	14 6	14 38	11 7	17 14	6 12
W 5	4 16 26	22 4	58 16	30 3	12 2	3 1	20 11	15 0	8 4	55 1	6 3	25 2	1 4	4 4	0 39	16 39	1 42	21 36	13 31	14 8	14 39	11 10	17 14	6 12
T 6	4 40 27	39 4	30 16	48 3	15 2	3 4	1 19	11 30	0 7	5 0	1 6	3 22	2 1	4 6	0 39	16 40	1 42	21 37	13 31	14 9	14 40	11 13	17 15	6 11
F 7	5 3 27	11 3	47 17	3 3	18 3	4 1	1 19	11 45	0 7	5 5	1 6	3 19	2 1	4 7	0 39	16 40	1 42	21 37	13 31	14 10	14 41	11 16	17 15	6 11
S 8	5 26 25	10 2	54 17	16 3	21 3	3 4	1 18	12 0	0 6	5 10	1 6	3 16	2 1	4 9	0 39	16 41	1 42	21 37	13 31	14 10	14 42	11 19	17 16	6 10
S 9	5 49 21	54 1	53 17	26 3	22 4	4 4	1 17	12 14	0 5	5 15	1 6	3 13	2 1	4 10	0 39	16 41	1 42	21 37	13 31	14 10	14 43	11 22	17 16	6 10
M10	6 12 17	42 0	49 17	34 3	23 4	4 34	1 15	12 29	0 5	5 20	1 6	3 11	2 1	4 12	0 39	16 42	1 42	21 37	13 30	14 10	14 44	11 25	17 17	6 10
T 11	6 35 12	51 0	51 17	39 3	22 5	4 4	1 14	12 43	0 4	5 25	1 6	3 8	2 1	4 13	0 39	16 42	1 42	21 38	13 30	14 9	14 45	11 28	17 17	6 9
W12	6 57 7	36 1	21 17	41 3	21 5	34 1	1 13	12 58	0 4	5 30	1 6	3 5	2 1	4 15	0 39	16 43	1 42	21 38	13 30	14 10	14 46	11 31	17 18	6 9
T 13	7 20 2	8 2	20 17	39 3	18 6	4 4	1 12	13 12	0 3	5 35	1 6	3 2	2 1	4 16	0 39	16 43	1 41	21 38	13 30	14 11	14 47	11 34	17 18	6 8
F 14	7 43 3	s23 3	13 17	33 3	14 6	34 1	1 11	13 27	0 2	5 40	1 6	3 0	2 1	4 18	0 39	16 44	1 41	21 38	13 30	14 13	14 48	11 37	17 19	6 8
S 15	8 5 8	45 3	57 17	24 3	9 7	3 1	9 13	41 0	2 5	45 1	6 2	57 2	2 2	4 19	0 39	16 44	1 41	21 38	13 29	14 16	14 49	11 40	17 19	6 8
S 16	8 28 13	48 4	31 17	10 3	2 7	33 1	8 13	55 0	1 5	50 1	6 2	54 2	2 2	4 21	0 39	16 45	1 41	21 38	13 29	14 19	14 50	11 43	17 20	6 7
M17	8 50 18	21 4	53 16	52 2	54 8	2 1	6 14	9 0	0 5	55 1	6 2	51 2	2 2	4 22	0 39	16 45	1 41	21 38	13 29	14 23	14 51	11 46	17 20	6 7
T 18	9 12 22	13 5	2 16	30 2	43 8	31 1	5 14	23 0s	0 6	0 1	6 2	49 2	2 2	4 23	0 39	16 46	1 41	21 39	13 29	14 27	14 52	11 48	17 21	6 6
W19	9 34 25	10 4	59 16	3 2	31 9	0 1	3 14	37 0	1 6	5 1	6 2	46 2	2 2	4 25	0 39	16 46	1 41	21 39	13 29	14 31	14 53	11 51	17 21	6 6
T 20	9 56 27	0 4	41 15	31 2	17 9	29 1	2 14	51 0	1 6	10 1	6 2	43 2	2 2	4 26	0 39	16 47	1 41	21 39	13 28	14 34	14 54	11 54	17 21	6 6
F 21	10 17 27	33 4	11 14	55 2	1 9	57 1	0 15	4 0	2 6	15 1	6 2	41 2	2 2	4 28	0 39	16 47	1 41	21 39	13 28	14 36	14 55	11 57	17 22	6 5
S 22	10 39 26	43 3	28 14	15 1	44 10	25 0	58 15	18 0	3 6	20 1	6 2	38 2	2 2	4 29	0 39	16 48	1 41	21 39	13 28	14 38	14 56	12 0	17 22	6 5
S 23	11 0 24	29 2	34 13	32 1	26 10	53 0	56 15	31 0	3 6	25 1	6 2	36 2	3 4	3 31	0 39	16 49	1 41	21 39	13 28	14 38	14 57	12 3	17 23	6 4
M24	11 22 20	54 1	31 12	47 1	6 11	21 0	55 15	45 0	4 6	29 1	6 2	33 2	3 4	3 32	0 39	16 49	1 41	21 39	13 27	14 38	14 58	12 6	17 23	6 4
T 25	11 43 16	9 0	20 12	1 0	45 11	48 0	53 15	58 0	4 6	34 1	6 2	31 2	3 4	3 34	0 39	16 50	1 41	21 39	13 27	14 38	14 59	12 9	17 24	6 4
W26	12 3 10	24 0	53 11	16 0	25 12	16 0	51 16	11 0	5 6	39 1	6 2	28 2	3 4	3 35	0 39	16 50	1 41	21 39	13 27	14 38	15 0	12 12	17 24	6 3
T 27	12 24 3	57 2	6 10	31 0	4 12	42 0	49 16	24 0	6 6	44 1	6 2	25 2	3 4	3 36	0 39	16 51	1 41	21 39	13 27	14 39	15 1	12 15	17 24	6 3
F 28	12 45 2	s52 3	12 9	50 0	16 13	9 0	47 16	37 0	6 6	49 1	6 2	23 2	3 4	3 38	0 39	16 51	1 41	21 39	13 27	14 40	15 2	12 18	17 25	6 3
S 29	13 5 9	40 4	6 9	12 0																				

SWISS EPHEMERIS for the year 1803

NOVEMBER 1803

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	2 37 18	7♈38'09	0♈38	23°R26	12♈ 5	18♈22	20♈53	29♈11	13♈27	22♈55	6°R16	19°R51	19♈10	21♈13	28♈43		
W 2	2 41 14	8°38'15	15°23	23°D15	13°20	19° 5	21° 5	29°17	13°30	22°57	6♈15	19♈41	19° 7	21°20	28°47		
T 3	2 45 11	9°38'23	29°40	23♈15	14°36	19°47	21°18	29°24	13°34	22°59	6°15	19°34	19° 4	21°26	28°52		
F 4	2 49 7	10°38'33	13♈27	23°26	15°51	20°29	21°31	29°30	13°37	23° 2	6°14	19°29	19° 0	21°33	28°57		
S 5	2 53 4	11°38'44	26°43	23°48	17° 6	21°12	21°43	29°36	13°41	23° 4	6°14	19°27	18°57	21°40	29° 2		
S 6	2 57 1	12°38'59	9♈34	24°19	18°21	21°54	21°56	29°42	13°44	23° 6	6°13	19°26	18°54	21°46	29° 7		
M 7	3 0 57	13°39'15	22° 2	24°58	19°37	22°37	22° 9	29°48	13°48	23° 8	6°13	19°26	18°51	21°53	29°12		
T 8	3 4 54	14°39'32	4♈13	25°46	20°52	23°20	22°21	29°55	13°51	23°11	6°13	19°26	18°48	22° 0	29°17		
W 9	3 8 50	15°39'52	16°12	26°40	22° 7	24° 2	22°34	0♈ 0	13°55	23°13	6°12	19°23	18°45	22° 7	29°22		
T 10	3 12 47	16°40'14	28° 4	27°41	23°22	24°45	22°46	0° 6	13°58	23°15	6°12	19°18	18°41	22°13	29°27		
F 11	3 16 43	17°40'38	9♈53	28°46	24°38	25°28	22°58	0°12	14° 1	23°17	6°12	19°11	18°38	22°20	29°32		
S 12	3 20 40	18°41'04	21°43	29°57	25°53	26°11	23°11	0°18	14° 5	23°19	6°12	19° 0	18°35	22°27	29°37		
S 13	3 24 36	19°41'31	3♈36	1♈11	27° 8	26°54	23°23	0°24	14° 8	23°22	6°11	18°47	18°32	22°33	29°43		
M14	3 28 33	20°42'00	15°33	2°29	28°23	27°37	23°36	0°30	14°11	23°24	6°11	18°32	18°29	22°40	29°48		
T 15	3 32 29	21°42'31	27°37	3°49	29°39	28°20	23°48	0°35	14°14	23°26	6°11	18°17	18°25	22°47	29°53		
W16	3 36 26	22°43'03	9♈48	5°12	0♈54	29° 3	24° 0	0°41	14°17	23°29	6°11	18° 3	18°22	22°53	29°59		
T 17	3 40 23	23°43'37	22° 7	6°37	2° 9	29°46	24°12	0°46	14°21	23°31	6°11	17°51	18°19	23° 0	0♈ 4		
F 18	3 44 19	24°44'12	4♈34	8° 3	3°24	0♈29	24°24	0°52	14°24	23°33	6°11	17°42	18°16	23° 7	0°10		
S 19	3 48 16	25°44'49	17°12	9°31	4°40	1°13	24°36	0°57	14°27	23°35	6°11	17°36	18°13	23°14	0°15		
S 20	3 52 12	26°45'27	0♈ 3	11° 0	5°55	1°56	24°48	1° 2	14°30	23°38	6°11	17°33	18°10	23°20	0°21		
M21	3 56 9	27°46'06	13° 9	12°30	7°10	2°39	25° 0	1° 7	14°33	23°40	6°D11	17°D32	18° 6	23°27	0°26		
T 22	4 0 5	28°46'46	26°33	14° 1	8°26	3°23	25°12	1°13	14°36	23°42	6°11	17°R32	18° 3	23°34	0°32		
W23	4 4 2	29°47'27	10♈17	15°33	9°41	4° 6	25°24	1°18	14°39	23°44	6°11	17°31	18° 0	23°40	0°38		
T 24	4 7 59	0♈48'09	24°23	17° 5	10°56	4°50	25°36	1°23	14°42	23°47	6°11	17°30	17°57	23°47	0°43		
F 25	4 11 55	1°48'52	8♈51	18°37	12°11	5°33	25°48	1°27	14°45	23°49	6°11	17°25	17°54	23°54	0°49		
S 26	4 15 52	2°49'36	23°38	20°10	13°27	6°17	25°59	1°32	14°48	23°51	6°11	17°18	17°51	24° 1	0°55		
S 27	4 19 48	3°50'21	8♈37	21°43	14°42	7° 1	26°11	1°37	14°50	23°53	6°11	17° 9	17°47	24° 7	1° 1		
M28	4 23 45	4°51'08	23°40	23°16	15°57	7°44	26°22	1°42	14°53	23°55	6°11	16°58	17°44	24°14	1° 7		
T 29	4 27 41	5°51'56	8♈37	24°49	17°12	8°28	26°34	1°46	14°56	23°58	6°12	16°47	17°41	24°21	1°12		
W30	4 31 38	6♈52'44	23♈19	26♈22	18♈28	9♈12	26♈45	1°51	14°59	24♈ 0	6♈12	16♈37	17♈38	24♈27	1♈18		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
T 1	14s 4	25n 7	4n56	7s49	1n23	14s52	0n39	17s27	0s 9	7s 8	1n 6	2n13	2n 4	4s43	0n39	16s54	1n41	21s39	13s26	14s53	15s 6	12s30	17s26	6n 1
W 2	14 24	27 10	4 32	7 33	1 36	15 17	0 37	17 40	0 9	7 13	1 6	2 11	2 4	4 45	0 39	16 54	1 41	21 39	13 25	14 56	15 7	12 33	17 27	6 1
T 3	14 43	27 19	3 51	7 23	1 47	15 41	0 35	17 52	0 10	7 17	1 6	2 8	2 4	4 46	0 39	16 55	1 41	21 39	13 25	14 58	15 8	12 36	17 27	6 1
F 4	15 2	25 44	2 58	7 19	1 56	16 5	0 32	18 4	0 10	7 22	1 6	2 6	2 5	4 47	0 39	16 55	1 41	21 39	13 25	15 0	15 9	12 39	17 27	6 1
S 5	15 21	22 45	1 57	7 20	2 3	16 29	0 30	18 15	0 11	7 27	1 7	2 4	2 5	4 49	0 39	16 56	1 41	21 39	13 25	15 0	15 10	12 41	17 28	6 0
S 6	15 39	18 43	0 52	7 26	2 9	16 52	0 28	18 27	0 12	7 31	1 7	2 2	2 5	4 50	0 39	16 56	1 41	21 39	13 24	15 1	15 11	12 44	17 28	6 0
M 7	15 57	13 58	0s14	7 37	2 13	17 15	0 26	18 39	0 12	7 36	1 7	1 59	2 5	4 51	0 39	16 57	1 41	21 38	13 24	15 1	15 11	12 47	17 28	6 0
T 8	16 15	8 47	1 17	7 52	2 16	17 37	0 23	18 50	0 13	7 41	1 7	1 57	2 5	4 53	0 39	16 58	1 41	21 38	13 24	15 1	15 12	12 50	17 28	5 59
W 9	16 33	3 22	2 16	8 10	2 17	17 59	0 21	19 1	0 13	7 45	1 7	1 55	2 5	4 54	0 39	16 58	1 41	21 38	13 23	15 1	15 13	12 53	17 29	5 59
T 10	16 50	2s 7	3 9	8 31	2 18	18 20	0 19	19 12	0 14	7 50	1 7	1 53	2 6	4 55	0 39	16 59	1 41	21 38	13 23	15 3	15 14	12 56	17 29	5 59
F 11	17 7	7 29	3 53	8 55	2 17	18 41	0 16	19 23	0 15	7 54	1 7	1 50	2 6	4 56	0 39	16 59	1 41	21 38	13 23	15 5	15 15	12 59	17 29	5 59
S 12	17 24	12 35	4 27	9 21	2 15	19 1	0 14	19 34	0 15	7 59	1 7	1 48	2 6	4 58	0 39	17 0	1 41	21 38	13 23	15 9	15 16	13 2	17 30	5 58
S 13	17 41	17 15	4 49	9 49	2 13	19 21	0 12	19 45	0 16	8 4	1 7	1 46	2 6	4 59	0 39	17 0	1 41	21 38	13 22	15 13	15 17	13 5	17 30	5 58
M14	17 57	21 16	4 59	10 19	2 10	19 41	0 9	19 55	0 16	8 8	1 7	1 44	2 6	5 0	0 39	17 1	1 41	21 37	13 22	15 17	15 18	13 8	17 30	5 58
T 15	18 13	24 26	4 55	10 50	2 6	19 59	0 7	20 5	0 17	8 12	1 7	1 42	2 7	5 1	0 39	17 2	1 41	21 37	13 22	15 22	15 19	13 10	17 30	5 58
W16	18 28	26 32	4 38	11 22	2 2	20 17	0 4	20 15	0 18	8 17	1 7	1 40	2 7	5 3	0 39	17 2	1 41	21 37	13 21	15 26	15 20	13 13	17 31	5 57
T 17	18 44	27 22	4 8	11 54	1 57	20 35	0 2	20 25	0 18	8 21	1 7	1 38	2 7	5 4	0 39	17 3	1 41	21 37	13 21	15 30	15 21	13 16	17 31	5 57
F 18	18 58	26 49	3 26	12 27	1 52	20 52	0s 1	20 35	0 19	8 26	1 7	1 36	2 7	5 5	0 39	17 3	1 41	21 36	13 21	15 33	15 22	13 19	17 31	5 57
S 19	19 13	24 53	2 33	13 0	1 46	21 9	0 3	20 45	0 19	8 30	1 7	1 34	2 7	5 6	0 39	17 4	1 41	21 36	13 21	15 35	15 23	13 22	17 31	5 57
S 20	19 27	21 39	1 31	13 34	1 40	21 24	0 5	20 54	0 20	8 34	1 7	1 32	2 8	5 7	0 39	17 4	1 41	21 36	13 20	15 36	15 24	13 25	17 31	5 57
M21	19 41	17 16	0 23	14 7	1 34	21 40	0 8	21 3	0 21	8 39	1 7	1 30	2 8	5 9	0 39	17 5	1 41	21 36	13 20	15 36	15 25	13 28	17 31	5 56
T 22	19 55	11 56	0n48	14 40	1 28	21 54	0 10	21 12	0 21	8 43	1 8	1 29	2 8	5 10	0 39	17 5	1 41	21 35	13 20	15 36	15 26	13 30	17 32	5 56
W23	20 8	5 55	1 57	15 13	1 21	22 8	0 13	21 21	0 22	8 47	1 8	1 27	2 8	5 11	0 39	17 6	1 41	21 35	13 19	15 36	15 27	13 33	17 32	5 56
T 24	20 20	0n33	3 2	15 46	1 14	22 21	0 15	21 29	0 22	8 51	1 8	1 25	2 9	5 12	0 39	17 7	1 41	21 35	13 19	15 37	15 28	13 36	17 32	5 56
F 25	20 33	7 8	3 56	16 18	1 8	22 34	0 18	21 38	0 23	8 56	1 8	1 23	2 9	5 13	0 39	17 7	1 41	21 35	13 19	15 38	15 29	13 39	17 32	5 56
S 26	20 45	13 27	4 36	16 50	1 1	22 46	0 20	21 46	0 23	9 0	1 8	1 22	2 9	5 14	0 39	17 8	1 41	21 34	13 19	15 40	15 30	13 42	17 32	5 56
S 27	20 57	19 5	4 58	17 21	0 54	22 57	0 22	21 54	0 24	9 4	1 8	1 20	2 9	5 15	0 39	17 8	1 41	21 34	13 18	15 43	15 31	13 45	17 32	5 55
M28	21 8	23 32	4 59	17 51	0 47	23 8	0 25	22 2	0 25	9 8	1 8	1 18	2 9	5 16	0 39	17 9	1 41	21 34	13 18	15 46				

SWISS EPHEMERIS for the year 1803

DECEMBER 1803

00:00 UT

Day	Sid.t	☉	☽	♁	♂	♄	♃	♅	♆	♁	♂	♄	♃	♅	♆	♁	♂
T 1	4 35 34	7♁53'35	7♁38	27♁56	19♁43	9♁56	26♁57	1♁55	15♁ 1	24♁ 2	6♁12	16°R29	17♁35	24♁34	1♁24		
F 2	4 39 31	8°54'26	21°29	29°29	20°58	10°40	27° 8	2° 0	15° 4	24° 4	6°12	16♁24	17°31	24°41	1°30		
S 3	4 43 28	9°55'19	4♁52	1♁ 3	22°13	11°24	27°19	2° 4	15° 6	24° 7	6°13	16°21	17°28	24°48	1°36		
S 4	4 47 24	10°56'13	17°48	2°37	23°29	12° 8	27°30	2° 8	15° 9	24° 9	6°13	16°D21	17°25	24°54	1°42		
M 5	4 51 21	11°57'08	0♁21	4°10	24°44	12°52	27°41	2°12	15°11	24°11	6°13	16°21	17°22	25° 1	1°48		
T 6	4 55 17	12°58'04	12°35	5°44	25°59	13°36	27°52	2°16	15°14	24°13	6°14	16°R22	17°19	25° 8	1°54		
W 7	4 59 14	13°59'02	24°36	7°18	27°14	14°20	28° 3	2°20	15°16	24°15	6°14	16°21	17°16	25°14	2° 0		
T 8	5 3 10	15° 0'01	6♁29	8°51	28°30	15° 4	28°14	2°24	15°19	24°17	6°15	16°18	17°12	25°21	2° 6		
F 9	5 7 7	16° 1'01	18°18	10°25	29°45	15°49	28°25	2°28	15°21	24°19	6°15	16°13	17° 9	25°28	2°12		
S 10	5 11 3	17° 2'02	0♁10	11°59	1♁ 0	16°33	28°35	2°31	15°23	24°22	6°15	16° 6	17° 6	25°35	2°19		
S 11	5 15 0	18° 3'04	12° 6	13°33	2°15	17°18	28°46	2°35	15°25	24°24	6°16	15°56	17° 3	25°41	2°25		
M12	5 18 57	19° 4'07	24° 9	15° 7	3°31	18° 2	28°56	2°38	15°28	24°26	6°16	15°45	17° 0	25°48	2°31		
T13	5 22 53	20° 5'11	6♁23	16°41	4°46	18°46	29° 7	2°42	15°30	24°28	6°17	15°34	16°57	25°55	2°37		
W14	5 26 50	21° 6'16	18°26	18°15	6° 1	19°31	29°17	2°45	15°32	24°30	6°18	15°23	16°53	26° 1	2°43		
T15	5 30 46	22° 7'21	1♁21	19°49	7°16	20°16	29°27	2°48	15°34	24°32	6°18	15°14	16°50	26° 8	2°49		
F16	5 34 43	23° 8'27	14° 7	21°24	8°31	21° 0	29°37	2°51	15°36	24°34	6°19	15° 7	16°47	26°15	2°56		
S17	5 38 39	24° 9'34	27° 3	22°58	9°47	21°45	29°47	2°54	15°38	24°36	6°19	15° 3	16°44	26°22	3° 2		
S 18	5 42 36	25°10'41	10♁11	24°33	11° 2	22°30	29°57	2°57	15°40	24°38	6°20	15°D 1	16°41	26°28	3° 8		
M19	5 46 32	26°11'48	23°30	26° 8	12°17	23°15	0♁ 7	3° 0	15°42	24°40	6°21	15° 2	16°37	26°35	3°14		
T20	5 50 29	27°12'55	7♁ 2	27°43	13°32	23°59	0°17	3° 2	15°43	24°42	6°22	15° 3	16°34	26°42	3°21		
W21	5 54 26	28°14'03	20°47	29°18	14°47	24°44	0°26	3° 5	15°45	24°44	6°22	15° 4	16°31	26°48	3°27		
T22	5 58 22	29°15'11	4♁46	0♁54	16° 3	25°29	0°36	3° 7	15°47	24°46	6°23	15°R 4	16°28	26°55	3°33		
F23	6 2 19	0♁16'18	18°59	2°30	17°18	26°14	0°45	3°10	15°49	24°48	6°24	15° 2	16°25	27° 2	3°39		
S24	6 6 15	1°17'26	3♁23	4° 6	18°33	26°59	0°54	3°12	15°50	24°50	6°25	14°59	16°22	27° 9	3°45		
S 25	6 10 12	2°18'34	17°56	5°42	19°48	27°44	1° 4	3°14	15°52	24°52	6°25	14°53	16°18	27°15	3°52		
M26	6 14 8	3°19'42	2♁31	7°18	21° 3	28°29	1°13	3°16	15°53	24°54	6°26	14°47	16°15	27°22	3°58		
T27	6 18 5	4°20'50	17° 3	8°55	22°18	29°14	1°21	3°18	15°55	24°56	6°27	14°40	16°12	27°29	4° 4		
W28	6 22 2	5°21'59	1♁25	10°32	23°33	29°59	1°30	3°20	15°56	24°57	6°28	14°34	16° 9	27°35	4°10		
T29	6 25 58	6°23'07	15°29	12° 9	24°48	0♁45	1°39	3°22	15°57	24°59	6°29	14°29	16° 6	27°42	4°17		
F30	6 29 55	7°24'16	29°13	13°47	26° 4	1°30	1°48	3°24	15°59	25° 1	6°30	14°26	16° 3	27°49	4°23		
S31	6 33 51	8°25'24	12♁34	15♁24	27♁19	2♁16	1♁56	3♁25	16° 0	25♁ 3	6♁31	14°D25	15♁59	27♁56	4♁29		

Day	☉	☽	♁	♂	♄	♃	♅	♆	♁	♂	♄	♃	♅	♆	♁	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	21s39	26n25	3n10	19s19	0n25	23s36	0s32	22s24	0s26	9s20	1n 8	1n13	2n10	5s19	0n39	17s10	1n41	21s33	13s17	15s55	15s35	13s56	17s33	5n55
F 2	21 49	23 51	2 8	19 46	0 18	23 44	0 34	22 31	0 27	9 24	1 8	1 12	2 10	5 20	0 39	17 11	1 41	21 32	13 17	15 56	15 36	13 59	17 33	5 55
S 3	21 58	20 3	1 1	20 12	0 11	23 51	0 36	22 38	0 28	9 28	1 9	1 11	2 11	5 21	0 39	17 11	1 41	21 32	13 17	15 57	15 37	14 2	17 33	5 55
S 4	22 7	15 23	0s 8	20 38	0 4	23 57	0 39	22 44	0 28	9 32	1 9	1 9	2 11	5 22	0 39	17 12	1 41	21 31	13 16	15 57	15 38	14 4	17 33	5 55
M 5	22 15	10 13	1 14	21 3	0s 3	24 3	0 41	22 50	0 29	9 36	1 9	1 8	2 11	5 23	0 39	17 12	1 41	21 31	13 16	15 57	15 39	14 7	17 33	5 55
T 6	22 23	4 46	2 15	21 26	0 9	24 8	0 43	22 57	0 29	9 39	1 9	1 6	2 11	5 24	0 39	17 13	1 41	21 31	13 16	15 57	15 40	14 10	17 33	5 54
W 7	22 30	0s45	3 9	21 49	0 16	24 12	0 45	23 2	0 30	9 43	1 9	1 5	2 12	5 25	0 39	17 13	1 41	21 30	13 15	15 57	15 41	14 13	17 33	5 54
T 8	22 37	6 10	3 54	22 11	0 23	24 15	0 48	23 8	0 30	9 47	1 9	1 4	2 12	5 26	0 39	17 14	1 41	21 30	13 15	15 58	15 42	14 16	17 33	5 54
F 9	22 44	11 20	4 29	22 31	0 29	24 18	0 50	23 13	0 31	9 51	1 9	1 2	2 12	5 27	0 39	17 14	1 41	21 29	13 15	16 0	15 43	14 18	17 33	5 54
S 10	22 50	16 6	4 53	22 51	0 36	24 20	0 52	23 19	0 32	9 54	1 9	1 1	2 12	5 28	0 39	17 15	1 41	21 29	13 15	16 2	15 44	14 21	17 33	5 54
S 11	22 56	20 17	5 3	23 9	0 42	24 21	0 54	23 23	0 32	9 58	1 9	1 0	2 13	5 28	0 39	17 15	1 41	21 28	13 14	16 5	15 45	14 24	17 33	5 54
M12	23 1	23 41	5 1	23 26	0 48	24 21	0 56	23 28	0 33	10 1	1 10	0 59	2 13	5 29	0 39	17 16	1 41	21 28	13 14	16 8	15 46	14 27	17 32	5 54
T13	23 6	26 4	4 45	23 42	0 54	24 21	0 58	23 33	0 33	10 5	1 10	0 58	2 13	5 30	0 39	17 16	1 41	21 28	13 14	16 11	15 47	14 29	17 32	5 54
W14	23 10	27 13	4 15	23 57	1 0	24 20	1 0	23 37	0 34	10 9	1 10	0 57	2 13	5 31	0 39	17 17	1 41	21 27	13 13	16 14	15 48	14 32	17 32	5 54
T15	23 14	27 0	3 32	24 10	1 6	24 18	1 2	23 41	0 34	10 12	1 10	0 56	2 14	5 32	0 40	17 17	1 41	21 27	13 13	16 17	15 48	14 35	17 32	5 54
F16	23 17	25 20	2 38	24 22	1 11	24 15	1 4	23 44	0 35	10 15	1 10	0 55	2 14	5 32	0 40	17 18	1 41	21 26	13 13	16 19	15 49	14 38	17 32	5 54
S17	23 20	22 20	1 35	24 33	1 17	24 12	1 6	23 48	0 35	10 19	1 10	0 54	2 14	5 33	0 40	17 18	1 41	21 26	13 13	16 20	15 50	14 41	17 32	5 54
S 18	23 23	18 8	0 26	24 43	1 22	24 8	1 8	23 51	0 36	10 22	1 10	0 53	2 15	5 34	0 40	17 19	1 41	21 25	13 12	16 21	15 51	14 43	17 32	5 54
M19	23 25	12 59	0n46	24 51	1 27	24 3	1 9	23 54	0 36	10 25	1 11	0 52	2 15	5 34	0 40	17 19	1 41	21 25	13 12	16 21	15 52	14 46	17 32	5 54
T20	23 26	7 9	1 56	24 58	1 32	23 57	1 11	23 57	0 37	10 29	1 11	0 51	2 15	5 35	0 40	17 20	1 41	21 24	13 12	16 20	15 53	14 49	17 31	5 54
W21	23 27	0 53	3 1	25 4	1 36	23 51	1 13	23 59	0 38	10 32	1 11	0 51	2 15	5 36	0 40	17 20	1 41	21 24	13 12	16 20	15 54	14 51	17 31	5 54
T22	23 28	5n30	3 56	25 8	1 40	23 44	1 15	24 1	0 38	10 35	1 11	0 50	2 16	5 36	0 40	17 21	1 41	21 23	13 11	16 20	15 55	14 54	17 31	5 54
F23	23 28	11 43	4 38	25 11	1 44	23 36	1 16	24 3	0 39	10 38	1 11	0 49	2 16	5 37	0 40	17 21	1 41	21 22	13 11	16 21	15 56	14 57	17 31	5 54
S24	23 28	17 24	5 3	25 12	1 48	23 28	1 18	24 5	0 39	10 41	1 11	0 49	2 16	5 38	0 40	17 21	1 41	21 22	13 11	16 22	15 57	15 0	17 31	5 54
S 25	23 27	22 7	5 8	25 12	1 52	23 19	1 19	24 6	0 40	10 44	1 11	0 48	2 16	5 38	0 40	17 22	1 41	21 21	13 11	16 23	15 58	15 2	17 30	5 54
M26	23 25	25 30	4 54	25 11	1 55	23 9	1 21	24 8	0 40	10 47	1 12	0 47	2 17	5 39	0 40	17 22	1 41	21 21	13 10	16 25	15 59	15 5	17 30	5 54
T27	23 24	27 10	4 21	25 7	1 58	22 58	1 22	24 9	0 41	10 50	1 12	0 47	2 17	5 39	0 40	17 23	1 42	21 20	13 10	16 27	16 0	15 8	17 30	5 54
W28	23 21	27 0	3 32	25 3	2 0	22 47	1 23	24 9	0 41	10 53	1 12	0 46	2 17	5 40	0 40	17 23	1 42	21 20	13 10	16 29	16 1	15 11	17 30	5 55
T29																								