

SWISS EPHEMERIS for the year 1863

JANUARY 1863

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	6 40 36	10° 8' 13"	25° 8' 21"	15° 31' 15"	15° 31' 11"	22° 51' 51"	24° 49' 24"	5° 21' 52"	17° 48' 17"	1° 11' 11"	9° 31' 16"	16° 2' 14"	14° 47' 28"	28° 49' 31"	3° 5' 8"
F 2	6 44 33	11° 9' 21"	7° 11' 12"	17° 9' 16"	16° 27' 23"	23° 20' 24"	24° 56' 25"	5° 23' 52"	17° 45' 17"	1° 11' 11"	9° 30' 16"	16° 3' 14"	14° 44' 28"	28° 56' 29"	3° 8' 11"
S 3	6 48 29	12° 10' 30"	19° 0' 18"	18° 47' 17"	17° 42' 23"	23° 48' 25"	25° 3' 52"	5° 24' 17"	17° 43' 1° 12'	1° 12' 9° 30'	16° 4' 14° 40'	14° 40' 29° 2'	29° 2' 3° 11'		
S 4	6 52 26	13° 11' 38"	0° 54' 47"	20° 26' 18° 58'	24° 17' 25° 9'	25° 9' 5° 25'	17° 41' 1° 13'	9° 29' 16° 3'	14° 37' 29° 9'	3° 14' 3° 17'					
M 5	6 56 22	14° 12' 46"	12° 37' 22° 5'	20° 13' 24° 46'	25° 16' 5° 26'	17° 39' 1° 14'	9° 29' 16° 0'	14° 34' 29° 16'	3° 17' 3° 20'						
T 6	7 0 19	15° 13' 54"	24° 31' 23° 44'	21° 29' 25° 16'	25° 22' 5° 28'	17° 36' 1° 14'	9° 29' 15° 56'	14° 31' 29° 22'	3° 20' 3° 23'						
W 7	7 4 15	16° 15' 02"	6° 02' 30"	25° 23' 22° 44'	25° 45' 25° 29'	5° 28' 17° 34'	1° 15' 9° 28'	15° 51' 14° 28'	29° 29' 3° 23'						
T 8	7 8 12	17° 16' 10"	18° 38' 27° 3'	23° 59' 26° 15'	25° 35' 5° 29'	17° 32' 1° 16'	9° 28' 15° 45'	14° 25' 29° 36'	3° 26' 3° 29'						
F 9	7 12 8	18° 17' 18"	0° 17' 55"	28° 42' 25° 15'	26° 45' 25° 41'	5° 30' 17° 30'	1° 17' 9° 28'	15° 39' 14° 21'	29° 42' 3° 29'						
S 10	7 16 5	19° 18' 25"	13° 23' 0° 22'	26° 30' 27° 15'	25° 47' 5° 31'	17° 28' 1° 18'	9° 27' 15° 34'	14° 18' 29° 49'	3° 32' 3° 35'						
S 11	7 20 2	20° 19' 32"	26° 5' 2° 1'	27° 46' 27° 45'	25° 52' 5° 31'	17° 26' 1° 19'	9° 27' 15° 30'	14° 15' 29° 56'	3° 35' 3° 38'						
M 12	7 23 58	21° 20' 40"	9° 5' 2' 341'	29° 1' 28° 16'	25° 58' 5° 31'	17° 24' 1° 20'	9° 27' 15° 27'	14° 12' 0° 2'	3° 38' 3° 41'						
T 13	7 27 55	22° 21' 47"	22° 18' 5° 19'	0° 16' 28° 46'	26° 3' 5° 32'	17° 22' 1° 21'	9° 27' 15° 27'	14° 9' 0° 9'	3° 41' 3° 44'						
W 14	7 31 51	23° 22' 54"	5° 11' 55"	6° 58' 1° 32'	29° 17' 26° 8'	5° 32' 17° 20'	1° 22' 9° 26'	15° 27' 14° 6'	0° 16' 3° 44'						
T 15	7 35 48	24° 24' 01"	19° 55' 8° 36'	2° 47' 29° 48'	26° 13' 5° 32'	17° 18' 1° 23'	9° 26' 15° 29'	14° 2' 0° 22'	3° 48' 3° 51'						
F 16	7 39 44	25° 25' 08"	4° 17' 10° 12'	4° 3' 0° 19'	26° 18' 5° 32'	17° 16' 1° 24'	9° 26' 15° 30'	13° 59' 0° 29'	3° 51' 3° 54'						
S 17	7 43 41	26° 26' 14"	18° 59' 11° 48'	5° 18' 0° 50'	26° 23' 5° 32'	17° 14' 1° 25'	9° 26' 15° 30'	13° 56' 0° 36'	3° 54' 3° 58'						
S 18	7 47 38	27° 27' 20"	3° 35' 7'	13° 22' 6° 33'	1° 22' 26° 27'	5° 31' 17° 13'	1° 27' 9° 26'	15° 29' 13° 53'	0° 42' 3° 58'						
M 19	7 51 34	28° 28' 26"	19° 4' 14° 54'	7° 49' 1° 53'	26° 31' 5° 31'	17° 11' 1° 28'	9° 26' 15° 26'	13° 50' 0° 49'	4° 1' 4° 5'						
T 20	7 55 31	29° 29' 31"	4° 8' 9'	16° 24' 9° 4'	2° 25' 26° 36'	5° 30' 17° 9'	1° 29' 9° 25'	15° 20' 13° 46'	0° 56' 4° 8'						
W 21	7 59 27	0° 30' 35"	19° 4' 17° 51'	10° 19' 2° 57'	26° 40' 5° 30'	17° 7' 1° 30'	9° 25' 15° 13'	13° 43' 1° 2'	4° 8' 4° 11'						
T 22	8 3 24	1° 31' 38"	3° 14' 40'	19° 15' 11° 35'	3° 29' 26° 43'	5° 29' 17° 6'	1° 32' 9° 25'	15° 5' 13° 40'	1° 9' 4° 15'						
F 23	8 7 20	2° 32' 41"	17° 51' 20° 35'	12° 50' 4° 1'	26° 47' 5° 28'	17° 4' 1° 33'	9° 25' 14° 58'	13° 37' 1° 15'	4° 15' 4° 19'						
S 24	8 11 17	3° 33' 42"	1° 17' 33'	21° 50' 14° 5'	4° 34' 26° 51'	5° 27' 17° 3'	1° 35' 9° 25'	14° 52' 13° 34'	1° 22' 4° 22'						
S 25	8 15 13	4° 34' 42"	14° 46' 23° 0'	15° 20' 5° 6'	26° 54' 5° 26'	17° 1' 1° 36'	9° 25' 14° 48'	13° 31' 1° 29'	4° 22' 4° 26'						
M 26	8 19 10	5° 35' 41"	27° 33' 24° 3'	16° 36' 5° 39'	26° 57' 5° 25'	17° 0' 1° 37'	9° 25' 14° 46'	13° 27' 1° 35'	4° 26' 4° 29'						
T 27	8 23 6	6° 36' 39"	9° 57' 25° 0'	17° 51' 6° 12'	27° 0' 5° 24'	16° 58' 1° 39'	9° 25' 14° 45'	13° 24' 1° 42'	4° 29' 4° 33'						
W 28	8 27 3	7° 37' 36"	22° 4' 25° 49'	19° 6' 6° 44'	27° 3' 5° 23'	16° 57' 1° 40'	9° 26' 14° 46'	13° 21' 1° 49'	4° 33' 4° 37'						
T 29	8 31 0	8° 38' 32"	3° 15' 29'	20° 21' 7° 17'	27° 5' 5° 21'	16° 56' 1° 42'	9° 26' 14° 47'	13° 18' 1° 55'	4° 37' 4° 40'						
F 30	8 34 56	9° 39' 26"	15° 47' 27° 1'	21° 36' 7° 50'	27° 8' 5° 20'	16° 54' 1° 43'	9° 26' 14° 48'	13° 15' 2° 2'	4° 40' 4° 44'						
S 31	8 38 53	10° 40' 19"	27° 11' 33'	27° 22' 22° 55'	8° 23' 27° 10'	5° 18' 16° 53'	1° 45' 9° 26'	14° 47' 13° 12'	2° 9' 4° 44'						

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23s 4	20n55	1n52	24s36	2s 3	23s27	0s52	9n33	0n42	8s26	1n16	0n 0	2n19	22n58	0n 5
F 2	22 59	22 20	0 49	24 25	2 5	23 20	0 54	9 45	0 44	8 29	1 16	0s 0	2 20	22 58	0 5
S 3	22 54	22 44	0s16	24 13	2 6	23 12	0 56	9 56	0 45	8 31	1 16	0 0	2 20	22 58	0 5
S 4	22 48	22 7	1 20	24 0	2 7	23 4	0 58	10 8	0 46	8 33	1 17	0 1	2 20	22 58	0 5
M 5	22 42	20 31	2 21	23 45	2 8	22 55	0 59	10 20	0 47	8 35	1 17	0 1	2 21	22 58	0 5
T 6	22 35	18 2	3 16	23 28	2 8	22 45	1 1	10 32	0 48	8 38	1 17	0 1	2 21	22 57	0 5
W 7	22 28	14 45	4 2	23 10	2 7	22 34	1 3	10 43	0 49	8 40	1 17	0 1	2 21	22 57	0 5
T 8	22 20	10 50	4 38	22 50	2 6	22 23	1 5	10 55	0 50	8 42	1 17	0 1	2 21	22 57	0 5
F 9	22 12	6 27	5 2	22 28	2 5	22 11	1 6	11 7	0 51	8 44	1 18	0 1	2 22	22 57	0 5
S 10	22 4	1 44	5 12	22 5	2 3	21 59	1 8	11 19	0 52	8 45	1 18	0 1	2 22	22 57	0 5
S 11	21 55	3s 8	5 7	21 45	2 1	21 45	1 9	11 31	0 53	8 47	1 18	0 1	2 22	22 57	0 5
M 12	21 46	7 58	4 46	21 15	1 57	21 32	1 11	11 42	0 54	8 49	1 18	0 1	2 23	22 56	0 5
T 13	21 36	12 33	4 10	20 47	1 54	21 17	1 12	11 54	0 55	8 51	1 19	0 1	2 23	22 56	0 5
W 14	21 26	16 38	3 19	20 18	1 49	21 2	1 14	12 6	0 56	8 52	1 19	0 0	2 23	22 56	0 5
T 15	21 15	19 54	2 15	19 48	1 44	20 46	1 15	12 18	0 57	8 54	1 19	0 0	2 23	22 56	0 5
F 16	21 4 22	1 1	1 19	17	1 38	20 30	1 16	12 30	0 58	8 56	1 19	0n 0	2 24	22 56	0 5
S 17	20 53	22 41	0n19	18 44	1 32	20 13	1 18	12 41	0 59	8 57	1 19	0 0	2 24	22 55	0 5
S 18	20 41	21 45	1 39	18 10	1 24	19 55	1 19	12 53	1 0	8 59	1 20	0 1	2 24	22 55	0 5
M 19	20 29	19 16	2 52	17 35	1 16	19 37	1 20	13 5	1 0	9 0	1 20	0 1	2 25	22 55	0 5
T 20	20 16	15 27	3 53	17 0	1 7	19 18	1 21	13 17	1 1	9 1	1 20	0 2	2 25	22 55	0 5
W 21	20 3	10 43	4 37	16 24	0 57	18 59	1 22	13 28	1 2	9 2	1 20	0 2	2 25	22 55	0 5
T 22	19 50	5 28	5 2	15 48	0 47	18 39	1 23	13 40	1 3	9 4	1 21	0 3	2 25	22 55	0 5
F 23	19 36	0 5	5 8	15 12	0 35	18 19	1 24	13 52	1 3	9 5	1 21	0 3	2 26	22 55	0 5
S 24	19 22	5n 8	4 56	14 36	0 22	17 58	1 25	14 3	1 4	9 6	1 21	0 4	2 26	22 54	0 5
S 25	19 8	9 56	4 28	14 0	0 9	17 37	1 25	14 15	1 5	9 7	1 21	0 5	2 26	22 54	0 5
M 26	18 53	14 8	3 47	13 26	0n 5	17 15	1 26	14 27	1 5	9 7	1 22	0 5	2 27	22 54	0 5
T 27	18 38	17 36	2 57	12 53	0 20	16 52	1 27	14 38	1 6	9 8	1 22	0 6	2 27	22 54	0 5
W 28	18 23	20 13	1 59	12 21	0 36	16 29	1 27	14 49	1 7	9 9	1 22	0 7	2 27	22 54	0 5
T 29	18 7	21 55	0 58	11 52	0 53	16 6	1 28	15 1	1 7	9 10	1 22	0 8	2 27	22 54	0 5
F 30	17 51	22 37	0s 5	11 26	1 10	15 42	1 28	15 12	1 8	9 10	1 22	0 9	2 28	22 54	0 5
S 31	17s34	22n18	1s 8	11s 2	1n27	15s18	1s29	15n24	1n 9	9s11	1n23	0n 9	2n28	22n54	0n 5

Julian Day Number = 2401506.5, Delta T = 6.82 sec
 Ecliptic obliquity = 23°27'23", Nutation = 0°00'17"
 Ayanamsha: Fagan/Bradley = 22°49'38", Lahiri = 21°56'38"

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	8 42 49	11 ^h 41'11"	9 ^h 21'	27°R32	24 ^h 7	8 ^h 57	27 ^h 12	5°R16	16°R52	1 ^h 47	9 ^h 26	14°R44	13 ^h 8	2 ^h 15	4 ^h 48
M 2	8 46 46	12°42'02"	21°15'	27 ^h 31	25°22'	9°30'	27°14'	5 ^h 14'	16 ^h 51'	1°48'	9°26'	14 ^h 38'	13°5'	2°22'	4°51'
T 3	8 50 42	13°42'51"	3 ^h 15'	27°20'	26°37'	10°4'	27°15'	5°12'	16°50'	1°50'	9°27'	14°29'	13°2'	2°29'	4°55'
W 4	8 54 39	14°43'39"	15°28'	26°57'	27°52'	10°37'	27°17'	5°10'	16°49'	1°51'	9°27'	14°19'	12°59'	2°35'	4°59'
T 5	8 58 36	15°44'26"	27°50'	26°24'	29°7'	11°11'	27°18'	5°8'	16°48'	1°53'	9°27'	14°7'	12°56'	2°42'	5°3'
F 6	9 2 32	16°45'11"	10 ^h 23'	25°41'	0 ^h 22'	11°45'	27°19'	5°6'	16°47'	1°55'	9°27'	13°55'	12°52'	2°49'	5°7'
S 7	9 6 29	17°45'56"	23°7'	24°49'	1°37'	12°18'	27°20'	5°3'	16°46'	1°57'	9°28'	13°44'	12°49'	2°55'	5°10'
S 8	9 10 25	18°46'39"	6 ^h 3'	23°50'	2°52'	12°52'	27°21'	5°1'	16°45'	1°58'	9°28'	13°35'	12°46'	3°2'	5°14'
M 9	9 14 22	19°47'22"	19°10'	22°45'	4°7'	13°26'	27°21'	4°59'	16°44'	2°0'	9°28'	13°28'	12°43'	3°9'	5°18'
T 10	9 18 18	20°48'03"	2 ^h 31'	21°37'	5°22'	14°0'	27°22'	4°56'	16°43'	2°2'	9°29'	13°25'	12°40'	3°15'	5°22'
W 11	9 22 15	21°48'43"	16°5'	20°27'	6°37'	14°34'	27°R22	4°53'	16°43'	2°4'	9°29'	13°23'	12°37'	3°22'	5°26'
T 12	9 26 11	22°49'22"	29°55'	19°17'	7°52'	15°9'	27°22'	4°50'	16°42'	2°6'	9°30'	13°D23	12°33'	3°29'	5°30'
F 13	9 30 8	23°50'00"	14 ^h 1'	18°9'	9°7'	15°43'	27°21'	4°47'	16°42'	2°7'	9°30'	13°R23	12°30'	3°35'	5°34'
S 14	9 34 5	24°50'37"	28°22'	17°4'	10°22'	16°17'	27°21'	4°45'	16°41'	2°9'	9°30'	13°23'	12°27'	3°42'	5°38'
S 15	9 38 1	25°51'13"	12 ^h 56'	16°4'	11°37'	16°52'	27°20'	4°41'	16°41'	2°11'	9°31'	13°20'	12°24'	3°48'	5°42'
M 16	9 41 58	26°51'47"	27°40'	15°10'	12°52'	17°26'	27°20'	4°38'	16°40'	2°13'	9°31'	13°14'	12°21'	3°55'	5°46'
T 17	9 45 54	27°52'20"	12 ^h 26'	14°23'	14°6'	18°1'	27°19'	4°35'	16°40'	2°15'	9°32'	13°5'	12°17'	4°2'	5°50'
W 18	9 49 51	28°52'52"	27°7'	13°42'	15°21'	18°36'	27°17'	4°32'	16°39'	2°17'	9°32'	12°54'	12°14'	4°8'	5°53'
T 19	9 53 47	29°53'22"	11 ^h 35'	13°10'	16°36'	19°10'	27°16'	4°28'	16°39'	2°19'	9°33'	12°42'	12°11'	4°15'	5°57'
F 20	9 57 44	0 ^h 53'50"	25°43'	12°45'	17°51'	19°45'	27°14'	4°25'	16°39'	2°21'	9°34'	12°31'	12°8'	4°22'	6°1'
S 21	10 1 40	1°54'16"	9 ^h 26'	12°27'	19°6'	20°20'	27°13'	4°21'	16°39'	2°23'	9°34'	12°20'	12°5'	4°28'	6°5'
S 22	10 5 37	2°54'41"	22°42'	12°17'	20°20'	20°55'	27°11'	4°18'	16°39'	2°25'	9°35'	12°12'	12°2'	4°35'	6°9'
M 23	10 9 33	3°55'04"	5 ^h 33'	12°D13	21°35'	21°30'	27°9'	4°14'	16°39'	2°27'	9°35'	12°7'	11°58'	4°42'	6°13'
T 24	10 13 30	4°55'25"	18°3'	12°17'	22°50'	22°5'	27°6'	4°10'	16°D39	2°29'	9°36'	12°4'	11°55'	4°48'	6°17'
W 25	10 17 27	5°55'44"	0 ^h 11'	12°27'	24°4'	22°40'	27°4'	4°7'	16°39'	2°31'	9°37'	12°3'	11°52'	4°55'	6°21'
T 26	10 21 23	6°56'01"	12°7'	12°42'	25°19'	23°15'	27°1'	4°3'	16°39'	2°33'	9°37'	12°3'	11°49'	5°2'	6°25'
F 27	10 25 20	7°56'15"	23°57'	13°4'	26°33'	23°51'	26°58'	3°59'	16°39'	2°35'	9°38'	12°3'	11°46'	5°8'	6°29'
S 28	10 29 16	8 ^h 56'28"	5 ^h 44'	13 ^h 30'	27 ^h 48'	24 ^h 26'	26 ^h 55'	3 ^h 55'	16 ^h 39'	2 ^h 38'	9 ^h 39'	12 ^h 1'	11 ^h 43'	5 ^h 15'	6 ^h 33'

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	17s18	21n 0	2s 8	10s43	1n44	14s54	1s29	15n35	1n 9	9s11	1n23	0n10	2n28	22n53	0n 5	0s34	1s24	0s30	15s57	22s35	22s24	21n45	4s50	5n17
M 2	17 1 18 46	3 2 10 27	2 1 14 29	1 29 15 46	1 10 9 12	1 23 0 11	2 28 22 53	0 5 0 34	1 24 0 30	15 56 22 34	22 23 21 44	4 49 5 17												
T 3	16 43 15 43	3 49 10 15	2 18 14 3	1 30 15 57	1 10 9 12	1 23 0 12	2 29 22 53	0 5 0 33	1 24 0 30	15 56 22 33	22 23 21 43	4 47 5 17												
W 4	16 26 11 58	4 26 10 7	2 34 13 37	1 30 16 8	1 11 9 13	1 24 0 13	2 29 22 53	0 5 0 32	1 24 0 29	15 55 22 32	22 22 21 42	4 46 5 17												
T 5	16 8 7 40	4 51 10 5	2 49 13 11	1 30 16 19	1 11 9 13	1 24 0 15	2 29 22 53	0 5 0 32	1 24 0 29	15 55 22 31	22 22 21 41	4 45 5 17												
F 6	15 50 3 0	5 3 10 6	3 3 12 45	1 30 16 30	1 12 9 13	1 24 0 16	2 29 22 53	0 5 0 31	1 23 0 28	15 55 22 29	22 21 40	4 44 5 17												
S 7	15 31 1s51	4 59 10 12	3 15 12 18	1 30 16 41	1 12 9 13	1 24 0 17	2 30 22 53	0 5 0 30	1 23 0 28	15 54 22 28	22 21 21 39	4 43 5 16												
S 8	15 12 6 42	4 41 10 22	3 25 11 51	1 29 16 52	1 13 9 13	1 25 0 18	2 30 22 53	0 5 0 29	1 23 0 28	15 54 22 27	22 21 21 38	4 41 5 16												
M 9	14 53 11 19	4 7 10 35	3 33 11 23	1 29 17 3	1 13 9 13	1 25 0 19	2 30 22 53	0 5 0 29	1 23 0 27	15 54 22 26	22 20 21 37	4 40 5 16												
T 10	14 34 15 28	3 19 10 51	3 39 10 56	1 29 17 14	1 14 9 13	1 25 0 20	2 30 22 53	0 5 0 28	1 23 0 27	15 53 22 26	22 20 21 36	4 39 5 16												
W 11	14 15 18 54	2 10 11 10	3 42 10 28	1 29 17 24	1 14 9 13	1 25 0 22	2 31 22 53	0 5 0 27	1 23 0 26	15 53 22 25	22 19 21 35	4 37 5 16												
T 12	13 55 21 18	1 11 11 31	3 43 9 59	1 28 17 35	1 15 9 13	1 26 0 23	2 31 22 52	0 5 0 26	1 23 0 26	15 53 22 25	22 19 21 34	4 36 5 16												
F 13	13 35 22 27	0n 3 11 53	3 42 9 31	1 28 17 45	1 15 9 12	1 26 0 24	2 31 22 52	0 5 0 26	1 23 0 25	15 52 22 25	22 19 21 33	4 35 5 16												
S 14	13 15 22 8	1 19 12 16	3 38 9 2	1 27 17 56	1 15 9 12	1 26 0 26	2 31 22 52	0 5 0 25	1 23 0 25	15 52 22 25	22 18 21 32	4 33 5 16												
S 15	12 55 20 20	2 30 12 39	3 32 8 33	1 27 18 6	1 16 9 11	1 26 0 27	2 32 22 52	0 5 0 24	1 23 0 24	15 52 22 25	22 18 21 31	4 32 5 15												
M 16	12 34 17 11	3 32 13 2	3 25 8 4	1 26 18 16	1 16 9 11	1 27 0 29	2 32 22 52	0 5 0 23	1 23 0 24	15 51 22 24	22 17 21 30	4 31 5 15												
T 17	12 13 12 55	4 20 13 24	3 16 7 34	1 25 18 26	1 17 9 10	1 27 0 30	2 32 22 52	0 5 0 23	1 23 0 23	15 51 22 23	22 17 21 29	4 29 5 15												
W 18	11 52 7 56	4 50 13 45	3 6 7 4	1 24 18 36	1 17 9 10	1 27 0 32	2 32 22 52	0 5 0 22	1 23 0 23	15 51 22 22	22 17 21 28	4 28 5 15												
T 19	11 31 2 35	5 1 14 5	2 55 6 34	1 23 18 46	1 17 9 9	1 27 0 33	2 32 22 52	0 5 0 21	1 23 0 23	15 50 22 20	22 16 21 27	4 27 5 15												
F 20	11 10 2n47	4 53 14 23	2 43 6 4	1 22 18 56	1 18 9 8	1 27 0 35	2 33 22 52	0 5 0 20	1 23 0 22	15 50 22 19	22 16 21 26	4 25 5 15												
S 21	10 48 7 51	4 29 14 40	2 31 5 34	1 21 19 6	1 18 9 7	1 28 0 36	2 33 22 52	0 5 0 19	1 23 0 22	15 50 22 17	22 15 21 25	4 24 5 15												
S 22	10 27 12 24	3 50 14 55	2 18 5 4	1 20 19 15	1 18 9 7	1 28 0 38	2 33 22 52	0 5 0 19	1 23 0 21	15 49 22 16	22 15 21 24	4 23 5 15												
M 23	10 5 16 13	3 1 15 9	2 5 4 33	1 19 19 25	1 19 9 6	1 28 0 40	2 33 22 52	0 5 0 18	1 23 0 21	15 49 22 16	22 14 21 23	4 21 5 15												
T 24	9 43 19 11	2 4 15 20	1 52 4 3	1 18 19 34	1 19 9 5	1 28 0 41	2 33 22 52	0 5 0 17	1 23 0 20	15 49 22 15	22 14 21 22	4 20 5 15												
W 25	9 21 21 13	1 3 15 30	1 39 3 32	1 17 19 44	1 19 9 3	1 29 0 43	2 34 22 52	0 5 0 16	1 23 0 20	15 48 22 15	22 14 21 21	4 19 5 15												
T 26	8 58 22 15	0s 0 15 39	1 25 3 1	1 15 19 53	1 20 9 2	1 29 0 45	2 34 22 52	0 5 0 15	1 23 0 19	15 48 22 15	22 13 21 20	4 17 5 15												
F 27	8 36 22 17	1 3 15 45	1 12 2 30	1 14 20 2	1 20 9 1	1 29 0 46	2 34 22 52	0 5 0 14	1 23 0 19	15 48 22 15	22 13 21 19	4 16 5 15												
S 28	8s13	21n18	2s 2 15s50	1n 0 1s59	1s13	20n11	1n20	9s 0 1n29	0n48	2n34	22n52	0n 5 0s14	1s23	0s18	15s48	22s15	22s12	21n18	4s14	5n15				

Julian Day Number = 2401537.5, Delta T = 6.76 sec
 Ecliptic obliquity = 23°27'23", Nutation = 0°00'18"
 Ayanamsha: Fagan/Bradley = 22°49'42", Lahiri = 21°56'42"

SWISS EPHEMERIS for the year 1863

MARCH 1863

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	10 33 13	9 ^h 56'39	17 ^h 34	14 ^h 2	29 ^h 2	25 ^h 1	26 ^h R52	3 ^h R51	16 ^h II39	2 ^h Y40	9 ^h U40	11 ^h R57	11 ^h 739	5 ^h 22	6 ^h 37
M 2	10 37 9	10 ^h 56'48	29 ^h 32	14 ^h 38	0 ^h Y17	25 ^h 37	26 ^h 49	3 ^h 47	16 ^h 40	2 ^h 42	9 ^h 40	11 ^h 750	11 ^h 36	5 ^h 28	6 ^h 41
T 3	10 41 6	11 ^h 56'55	11 ^h 41	15 ^h 18	1 ^h 31	26 ^h 12	26 ^h 45	3 ^h 43	16 ^h 40	2 ^h 44	9 ^h 41	11 ^h 41	11 ^h 33	5 ^h 35	6 ^h 45
W 4	10 45 2	12 ^h 57'00	24 ^h 4	16 ^h 2	2 ^h 46	26 ^h 48	26 ^h 41	3 ^h 38	16 ^h 41	2 ^h 46	9 ^h 42	11 ^h 29	11 ^h 30	5 ^h 42	6 ^h 49
T 5	10 48 59	13 ^h 57'03	6 ^h 41	16 ^h 50	4 ^h 0	27 ^h 23	26 ^h 37	3 ^h 34	16 ^h 41	2 ^h 48	9 ^h 43	11 ^h 15	11 ^h 27	5 ^h 48	6 ^h 53
F 6	10 52 56	14 ^h 57'03	19 ^h 33	17 ^h 41	5 ^h 14	27 ^h 59	26 ^h 33	3 ^h 30	16 ^h 42	2 ^h 50	9 ^h 44	11 ^h 2	11 ^h 23	5 ^h 55	6 ^h 57
S 7	10 56 52	15 ^h 57'02	2 ^h 38	18 ^h 35	6 ^h 29	28 ^h 34	26 ^h 29	3 ^h 25	16 ^h 42	2 ^h 53	9 ^h 45	10 ^h 49	11 ^h 20	6 ^h 2	7 ^h 1
S 8	11 0 49	16 ^h 57'00	15 ^h 56	19 ^h 32	7 ^h 43	29 ^h 10	26 ^h 25	3 ^h 21	16 ^h 43	2 ^h 55	9 ^h 45	10 ^h 38	11 ^h 17	6 ^h 8	7 ^h 5
M 9	11 4 45	17 ^h 56'55	29 ^h 24	20 ^h 32	8 ^h 57	29 ^h 45	26 ^h 20	3 ^h 17	16 ^h 43	2 ^h 57	9 ^h 46	10 ^h 30	11 ^h 14	6 ^h 15	7 ^h 9
T 10	11 8 42	18 ^h 56'49	13 ^h 11	21 ^h 35	10 ^h 11	0 ^h II21	26 ^h 16	3 ^h 12	16 ^h 44	2 ^h 59	9 ^h 47	10 ^h 25	11 ^h 11	6 ^h 22	7 ^h 13
W 11	11 12 38	19 ^h 56'41	26 ^h 47	22 ^h 40	11 ^h 25	0 ^h 57	26 ^h 11	3 ^h 8	16 ^h 45	3 ^h 1	9 ^h 48	10 ^h 23	11 ^h 8	6 ^h 28	7 ^h 16
T 12	11 16 35	20 ^h 56'32	10 ^h 7	23 ^h 47	12 ^h 40	1 ^h 33	26 ^h 6	3 ^h 3	16 ^h 46	3 ^h 4	9 ^h 49	10 ^h D22	11 ^h 4	6 ^h 35	7 ^h 20
F 13	11 20 31	21 ^h 56'21	24 ^h 42	24 ^h 57	13 ^h 54	2 ^h 8	26 ^h 1	2 ^h 59	16 ^h 47	3 ^h 6	9 ^h 50	10 ^h R22	11 ^h 1	6 ^h 42	7 ^h 24
S 14	11 24 28	22 ^h 56'08	8 ^h 51	26 ^h 9	15 ^h 8	2 ^h 44	25 ^h 55	2 ^h 54	16 ^h 48	3 ^h 8	9 ^h 51	10 ^h 22	10 ^h 58	6 ^h 48	7 ^h 28
S 15	11 28 25	23 ^h 55'54	23 ^h 6	27 ^h 22	16 ^h 22	3 ^h 20	25 ^h 50	2 ^h 49	16 ^h 49	3 ^h 10	9 ^h 52	10 ^h 19	10 ^h 55	6 ^h 55	7 ^h 32
M 16	11 32 21	24 ^h 55'37	7 ^h 25	28 ^h 38	17 ^h 36	3 ^h 56	25 ^h 44	2 ^h 45	16 ^h 50	3 ^h 13	9 ^h 53	10 ^h 14	10 ^h 52	7 ^h 2	7 ^h 36
T 17	11 36 18	25 ^h 55'19	21 ^h 44	29 ^h 55	18 ^h 50	4 ^h 32	25 ^h 38	2 ^h 40	16 ^h 51	3 ^h 15	9 ^h 54	10 ^h 5	10 ^h 49	7 ^h 8	7 ^h 40
W 18	11 40 14	26 ^h 55'00	5 ^h 59	1 ^h 14	20 ^h 3	5 ^h 8	25 ^h 33	2 ^h 36	16 ^h 52	3 ^h 17	9 ^h 55	9 ^h 55	10 ^h 45	7 ^h 15	7 ^h 43
T 19	11 44 11	27 ^h 54'38	20 ^h 3	2 ^h 35	21 ^h 17	5 ^h 44	25 ^h 27	2 ^h 31	16 ^h 53	3 ^h 19	9 ^h 56	9 ^h 43	10 ^h 42	7 ^h 22	7 ^h 47
F 20	11 48 7	28 ^h 54'14	3 ^h Y53	3 ^h 57	22 ^h 31	6 ^h 20	25 ^h 20	2 ^h 26	16 ^h 55	3 ^h 22	9 ^h 57	9 ^h 32	10 ^h 39	7 ^h 28	7 ^h 51
S 21	11 52 4	29 ^h 53'48	17 ^h 24	5 ^h 21	23 ^h 45	6 ^h 56	25 ^h 14	2 ^h 21	16 ^h 56	3 ^h 24	9 ^h 58	9 ^h 22	10 ^h 36	7 ^h 35	7 ^h 55
S 22	11 56 0	0 ^h Y53'20	0 ^h 833	6 ^h 46	24 ^h 59	7 ^h 32	25 ^h 8	2 ^h 17	16 ^h 57	3 ^h 26	9 ^h 59	9 ^h 13	10 ^h 33	7 ^h 42	7 ^h 58
M 23	11 59 57	1 ^h 52'50	13 ^h 20	8 ^h 13	26 ^h 12	8 ^h 8	25 ^h 1	2 ^h 12	16 ^h 59	3 ^h 28	10 ^h 0	9 ^h 8	10 ^h 29	7 ^h 48	8 ^h 2
T 24	12 3 54	2 ^h 52'18	25 ^h 48	9 ^h 42	27 ^h 26	8 ^h 44	24 ^h 55	2 ^h 7	17 ^h 0	3 ^h 31	10 ^h 2	9 ^h 5	10 ^h 26	7 ^h 55	8 ^h 6
W 25	12 7 50	3 ^h 51'44	7 ^h II59	11 ^h 12	28 ^h 40	9 ^h 20	24 ^h 48	2 ^h 3	17 ^h 2	3 ^h 33	10 ^h 3	9 ^h D 4	10 ^h 23	8 ^h 1	8 ^h 10
T 26	12 11 47	4 ^h 51'07	19 ^h 57	12 ^h 43	29 ^h 53	9 ^h 57	24 ^h 41	1 ^h 58	17 ^h 3	3 ^h 35	10 ^h 4	9 ^h 4	10 ^h 20	8 ^h 8	8 ^h 13
F 27	12 15 43	5 ^h 50'28	1 ^h 48	14 ^h 16	1 ^h 8 7	10 ^h 33	24 ^h 34	1 ^h 53	17 ^h 5	3 ^h 38	10 ^h 5	9 ^h R 5	10 ^h 17	8 ^h 15	8 ^h 17
S 28	12 19 40	6 ^h 49'47	13 ^h 37	15 ^h 50	2 ^h 20	11 ^h 9	24 ^h 28	1 ^h 49	17 ^h 6	3 ^h 40	10 ^h 6	9 ^h 5	10 ^h 14	8 ^h 21	8 ^h 20
S 29	12 23 36	7 ^h 49'03	25 ^h 29	17 ^h 25	3 ^h 34	11 ^h 45	24 ^h 21	1 ^h 44	17 ^h 8	3 ^h 42	10 ^h 7	9 ^h 3	10 ^h 10	8 ^h 28	8 ^h 24
M 30	12 27 33	8 ^h 48'17	7 ^h II30	19 ^h 2	4 ^h 47	12 ^h 22	24 ^h 13	1 ^h 39	17 ^h 10	3 ^h 44	10 ^h 8	8 ^h 59	10 ^h 7	8 ^h 35	8 ^h 28
T 31	12 31 29	9 ^h Y47'29	19 ^h II43	20 ^h 41	6 ^h 8 0	12 ^h II58	24 ^h 6	1 ^h 35	17 ^h II12	3 ^h Y47	10 ^h 810	8 ^h 753	10 ^h 7 4	8 ^h 41	8 ^h 31

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7s51	19n23	2s56	15s53	0n47	1s28	1s11	20n20	1n20	8s58	1n29	0n50	2n34	22n52	0n 5
M 2	7 28 16 37	3 43 15 54	0 35 0 57	1 10 20 29	1 21 8 57	1 30 0 52	2 34 22 52	0 5 0 12	1 23 0 17	15 47 22 13	22 12 21 15	4 11 5 14			
T 3	7 5 13 7	4 21 15 54	0 23 0 26	1 8 20 38	1 21 8 56	1 30 0 53	2 35 22 52	0 5 0 11	1 23 0 17	15 47 22 12	22 11 21 14	4 10 5 14			
W 4	6 42 9 0	4 47 15 52	0 11 0n 5	1 6 20 46	1 21 8 54	1 30 0 55	2 35 22 52	0 5 0 10	1 23 0 16	15 46 22 10	22 11 21 13	4 9 5 14			
T 5	6 19 4 26	4 59 15 48	0 0 0 36	1 5 20 54	1 21 8 52	1 30 0 57	2 35 22 52	0 5 0 9	1 23 0 16	15 46 22 9	22 10 21 12	4 7 5 14			
F 6	5 56 0s24	4 57 15 43	0s11	1 7 1 3 21 3	1 21 8 51	1 30 0 59	2 35 22 53	0 5 0 8	1 23 0 15	15 46 22 7	22 10 21 11	4 6 5 14			
S 7	5 33 5 19	4 39 15 36	0 21 1 39	1 1 21 11	1 22 8 49	1 31 1 1	2 35 22 53	0 5 0 7	1 23 0 14	15 45 22 5	22 9 21 10	4 4 5 14			
S 8	5 9 10 3	4 6 15 28	0 31 2 10	0 59 21 19	1 22 8 47	1 31 1 3	2 35 22 53	0 5 0 7	1 23 0 14	15 45 22 3	22 9 21 9	4 3 5 14			
M 9	4 46 14 22	3 18 15 18	0 41 2 41	0 57 21 27	1 22 8 46	1 31 1 4	2 35 22 53	0 5 0 6	1 23 0 13	15 45 22 2	22 8 21 8	4 1 5 14			
T 10	4 23 17 58	2 19 15 6	0 50 3 12	0 55 21 35	1 22 8 44	1 31 1 6	2 36 22 53	0 5 0 5	1 23 0 13	15 45 22 2	22 8 21 7	4 0 5 14			
W 11	3 59 20 36	1 11 14 54	0 59 3 43	0 53 21 42	1 22 8 42	1 31 1 8	2 36 22 53	0 5 0 4	1 23 0 12	15 44 22 1	22 8 21 6	3 59 5 14			
T 12	3 36 22 2	0n 2 14 39	1 7 4 13	0 51 21 50	1 23 8 40	1 31 1 10	2 36 22 53	0 5 0 3	1 23 0 12	15 44 22 1	22 7 21 4	3 57 5 14			
F 13	3 12 22 6	1 15 14 24	1 15 4 44	0 49 21 57	1 23 8 38	1 32 1 12	2 36 22 53	0 5 0 2	1 23 0 11	15 44 22 1	22 7 21 3	3 56 5 14			
S 14	2 48 20 45	2 25 14 6	1 23 5 15	0 46 22 5	1 23 8 36	1 32 1 14	2 36 22 53	0 5 0 1	1 23 0 11	15 44 22 1	22 6 21 2	3 54 5 14			
S 15	2 25 18 6	3 26 13 48	1 30 5 46	0 44 22 12	1 23 8 34	1 32 1 16	2 36 22 53	0 5 0 0	1 23 0 10	15 43 22 1	22 6 21 1	3 53 5 14			
M 16	2 1 14 20	4 14 13 28	1 36 6 16	0 42 22 19	1 23 8 31	1 32 1 18	2 36 22 53	0 5 0n 1	1 23 0 10	15 43 22 0	22 5 21 0	3 51 5 15			
T 17	1 37 9 45	4 46 13 6	1 42 6 46	0 39 22 26	1 23 8 29	1 32 1 20	2 36 22 54	0 5 0 1	1 23 0 9	15 43 21 59	22 5 20 59	3 50 5 15			
W 18	1 14 4 40	5 1 12 44	1 48 7 16	0 37 22 32	1 24 8 27	1 32 1 21	2 36 22 54	0 5 0 2	1 23 0 9	15 43 21 57	22 4 20 58	3 49 5 15			
T 19	0 50 0n36	4 57 12 20	1 54 7 46	0 35 22 39	1 24 8 25	1 32 1 23	2 36 22 54	0 5 0 3	1 23 0 8	15 42 21 55	22 4 20 57	3 47 5 15			
F 20	0 26 5 45	4 35 11 54	1 59 8 16	0 32 22 45	1 24 8 22	1 33 1 25	2 36 22 54	0 5 0 4	1 23 0 8	15 42 21 54	22 4 20 55	3 46 5 15			
S 21	0 2 10 30	3 59 11 28	2 3 8 46	0 30 22 52	1 24 8 20	1 33 1 27	2 36 22 54	0 5 0 5	1 23 0 7	15 42 21 52	22 3 20 54	3 44 5 15			
S 22	0n21	14 38 3 10	11 0 2 7	9 15 0 27	22 58 1 24	8 18 1 33	1 29 2 36	22 54 0 5	0 6 1 23	0 7 15 42	21 51 22 3	20 53 3 43	5 15		
M 23	0 45 17 58	2 13 10 31	2 11 9 45	0 25 23 4	1 24 8 15	1 33 1 31	2 37 22 54	0 5 0 7	1 23 0 6	15 41 21 50					

SWISS EPHEMERIS for the year 1863

APRIL 1863

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
W 1	12 35 26	10°46'38	2°13	22°21	7°14	13°34	23°59	1°R30	17°13	3°49	10°11	8°R44	10°1	8°48	8°35
T 2	12 39 22	11°45'46	15° 1	24° 2	8°27	14°11	23°52	1°25	17°15	3°51	10°12	8°35	9°58	8°55	8°38
F 3	12 43 19	12°44'51	28° 8	25°44	9°40	14°47	23°44	1°21	17°17	3°53	10°13	8°25	9°54	9° 1	8°41
S 4	12 47 16	13°43'53	11°33	27°29	10°53	15°23	23°37	1°16	17°19	3°56	10°14	8°15	9°51	9° 8	8°45
S 5	12 51 12	14°42'54	25°14	29°14	12° 6	16° 0	23°29	1°12	17°21	3°58	10°16	8° 8	9°48	9°15	8°48
M 6	12 55 9	15°41'53	9°8	1°1	13°19	16°36	23°22	1° 7	17°23	4° 0	10°17	8° 2	9°45	9°21	8°52
T 7	12 59 5	16°40'50	23°11	2°50	14°32	17°13	23°14	1° 3	17°25	4° 2	10°18	7°59	9°42	9°28	8°55
W 8	13 3 2	17°39'46	7°19	4°40	15°45	17°49	23° 7	0°58	17°27	4° 5	10°19	7°D58	9°39	9°35	8°58
T 9	13 6 58	18°38'39	21°30	6°31	16°58	18°25	22°59	0°54	17°30	4° 7	10°21	7°59	9°35	9°41	9° 2
F 10	13 10 55	19°37'31	5°41	8°24	18°11	19° 2	22°51	0°50	17°32	4° 9	10°22	8° 0	9°32	9°48	9° 5
S 11	13 14 51	20°36'21	19°51	10°18	19°24	19°38	22°44	0°45	17°34	4°11	10°23	8°R 0	9°29	9°55	9° 8
S 12	13 18 48	21°35'10	3°58	12°14	20°36	20°15	22°36	0°41	17°36	4°13	10°25	8° 0	9°26	10° 1	9°11
M13	13 22 45	22°33'56	18° 0	14°12	21°49	20°51	22°28	0°37	17°39	4°16	10°26	7°57	9°23	10° 8	9°14
T 14	13 26 41	23°32'41	1°56	16°10	23° 2	21°28	22°21	0°33	17°41	4°18	10°27	7°53	9°20	10°15	9°17
W15	13 30 38	24°31'24	15°44	18°11	24°14	22° 4	22°13	0°29	17°44	4°20	10°29	7°46	9°16	10°21	9°20
T 16	13 34 34	25°30'06	29°22	20°12	25°27	22°41	22° 5	0°25	17°46	4°22	10°30	7°39	9°13	10°28	9°23
F 17	13 38 31	26°28'45	12°46	22°15	26°39	23°18	21°58	0°21	17°48	4°24	10°31	7°32	9°10	10°35	9°26
S 18	13 42 27	27°27'23	25°55	24°19	27°52	23°54	21°50	0°17	17°51	4°26	10°33	7°26	9° 7	10°41	9°29
S 19	13 46 24	28°25'59	8°47	26°25	29° 4	24°31	21°42	0°13	17°54	4°29	10°34	7°21	9° 4	10°48	9°32
M20	13 50 20	29°24'33	21°23	28°31	0°116	25° 7	21°35	0° 9	17°56	4°31	10°35	7°18	9° 0	10°55	9°35
T 21	13 54 17	0°23'04	3°1144	0°38	1°28	25°44	21°27	0° 5	17°59	4°33	10°37	7°D17	8°57	11° 1	9°38
W22	13 58 14	1°21'34	15°51	2°46	2°41	26°21	21°20	0° 2	18° 1	4°35	10°38	7°17	8°54	11° 8	9°41
T 23	14 2 10	2°20'02	27°49	4°54	3°53	26°57	21°12	29°116	18° 4	4°37	10°39	7°18	8°51	11°15	9°43
F 24	14 6 7	3°18'28	9°40	7° 3	5° 5	27°34	21° 5	29°55	18° 7	4°39	10°41	7°20	8°48	11°21	9°46
S 25	14 10 3	4°16'52	21°29	9°11	6°17	28°11	20°57	29°51	18°10	4°41	10°42	7°22	8°45	11°28	9°49
S 26	14 14 0	5°15'13	3°22	11°19	7°29	28°47	20°50	29°48	18°12	4°43	10°43	7°R22	8°41	11°35	9°51
M27	14 17 56	6°13'32	15°23	13°27	8°40	29°24	20°43	29°44	18°15	4°45	10°45	7°22	8°38	11°41	9°54
T 28	14 21 53	7°11'50	27°37	15°34	9°52	0°1	20°36	29°41	18°18	4°47	10°46	7°20	8°35	11°48	9°57
W29	14 25 49	8°10'05	10°11	17°39	11° 4	0°38	20°29	29°38	18°21	4°49	10°47	7°17	8°32	11°55	9°59
T 30	14 29 46	9°8'18	23°11	19°43	12°16	1°14	20°22	29°116	18°24	4°51	10°49	7°13	8°29	12°1	10°1

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	4n16	5n58	5s 3	5s13	2s22	13n56	0s 0	23n51	1n25	7s52	1n34	1n48	2n37	22n56	0n 5	0n15	1s23	0s 1	15s40	21s46	21s58	20n41	3s29	5n16
T 2	4 39	1 15	5 3	4 32	2 21	14 22	0n 3	23 55	1 25	7 49	1 34	1 50	2 37	22 56	0 5	0 16	1 23	0 1	15 40	21 45	21 58	20 40	3 27	5 16
F 3	5 2	3s39	4 47	3 50	2 20	14 48	0 6	24 0	1 25	7 46	1 34	1 52	2 37	22 56	0 5	0 17	1 23	0 0	15 39	21 43	21 57	20 39	3 26	5 16
S 4	5 25	8 29	4 16	3 6	2 17	15 14	0 8	24 4	1 25	7 43	1 34	1 53	2 37	22 56	0 5	0 18	1 23	0n 0	15 39	21 42	21 57	20 38	3 25	5 16
S 5	5 48	13 0	3 29	2 22	2 15	15 40	0 11	24 8	1 25	7 41	1 34	1 55	2 37	22 57	0 5	0 18	1 23	0 1	15 39	21 41	21 56	20 36	3 23	5 16
M 6	6 11	16 54	2 29	1 37	2 12	16 5	0 14	24 11	1 25	7 38	1 34	1 57	2 37	22 57	0 5	0 19	1 23	0 1	15 39	21 40	21 56	20 35	3 22	5 16
T 7	6 34	19 51	1 19	0 50	2 8	16 29	0 17	24 15	1 25	7 35	1 34	1 59	2 37	22 57	0 5	0 20	1 23	0 2	15 39	21 39	21 55	20 34	3 20	5 16
W 8	6 56	21 36	0 3	0 3	2 4	16 53	0 20	24 18	1 25	7 32	1 34	2 0	2 36	22 57	0 5	0 21	1 23	0 2	15 39	21 39	21 55	20 33	3 19	5 16
T 9	7 19	21 59	1n12	0n46	2 0	17 17	0 23	24 22	1 25	7 29	1 34	2 2	2 36	22 57	0 5	0 22	1 23	0 3	15 38	21 39	21 54	20 31	3 18	5 17
F 10	7 41	20 56	2 24	1 35	1 54	17 40	0 26	24 25	1 25	7 26	1 34	2 4	2 36	22 58	0 5	0 23	1 23	0 3	15 38	21 39	21 54	20 30	3 16	5 17
S 11	8 3	18 35	3 26	2 25	1 49	18 3	0 29	24 28	1 25	7 24	1 34	2 5	2 36	22 58	0 5	0 24	1 23	0 4	15 38	21 40	21 53	20 29	3 15	5 17
S 12	8 25	15 7	4 16	3 16	1 43	18 26	0 32	24 31	1 25	7 21	1 34	2 7	2 36	22 58	0 5	0 24	1 23	0 4	15 38	21 39	21 53	20 28	3 14	5 17
M13	8 47	10 50	4 50	4 7	1 36	18 47	0 35	24 33	1 25	7 18	1 34	2 9	2 36	22 58	0 5	0 25	1 23	0 5	15 38	21 39	21 52	20 26	3 13	5 17
T 14	9 9	6 0	5 7	5 0	1 29	19 9	0 38	24 36	1 25	7 15	1 34	2 10	2 36	22 58	0 5	0 26	1 23	0 5	15 38	21 38	21 52	20 25	3 11	5 17
W15	9 31	0 56	5 6	5 53	1 21	19 30	0 40	24 38	1 25	7 12	1 34	2 12	2 36	22 59	0 5	0 27	1 23	0 6	15 38	21 37	21 51	20 24	3 10	5 18
T 16	9 52	4n 8	4 47	6 46	1 13	19 50	0 43	24 40	1 25	7 9	1 34	2 13	2 36	22 59	0 5	0 28	1 23	0 6	15 38	21 36	21 51	20 23	3 9	5 18
F 17	10 13	8 55	4 13	7 40	1 5	20 10	0 46	24 42	1 25	7 7	1 34	2 15	2 36	22 59	0 5	0 29	1 23	0 7	15 37	21 35	21 50	20 21	3 7	5 18
S 18	10 35	13 12	3 26	8 34	0 56	20 30	0 49	24 44	1 25	7 4	1 34	2 16	2 36	22 59	0 5	0 29	1 23	0 7	15 37	21 34	21 50	20 20	3 6	5 18
S 19	10 55	16 47	2 29	9 28	0 47	20 49	0 52	24 45	1 25	7 1	1 34	2 18	2 36	23 0	0 5	0 30	1 23	0 8	15 37	21 33	21 49	20 19	3 5	5 18
M20	11 16	19 30	1 26	10 23	0 37	21 7	0 55	24 47	1 25	6 58	1 33	2 19	2 36	23 0	0 5	0 31	1 23	0 8	15 37	21 33	21 49	20 18	3 4	5 18
T 21	11 37	21 14	0 19	11 17	0 27	21 25	0 58	24 48	1 25	6 56	1 33	2 20	2 35	23 0	0 5	0 32	1 23	0 9	15 37	21 32	21 48	20 16	3 2	5 19
W22	11 57	21 56	0s47	12 11	0 17	21 42	1 0	24 49	1 25	6 53	1 33	2 22	2 35	23 0	0 5	0 33	1 23	0 9	15 37	21 32	21 48	20 15	3 1	5 19
T 23	12 18	21 36	1 50	13 4	0 6	21 58	1 3	24 50	1 25	6 50	1 33	2 23	2 35	23 1	0 5	0 34	1 23	0 10	15 37	21 33	21 47	20 14	3 0	5 19
F 24	12 38	20 19	2 48	13 57	0n 4	22 15	1 6	24 51	1 25	6 47	1 33	2 24	2 35	23 1	0 5	0 34	1 23	0 10	15 37	21 33	21 47	20 12	2 59	5 19
S 25	12 57	18 9	3 38	14 48	0 15	22 30	1 9	24 51	1 25	6 45	1 33	2 26	2 35	23 1	0 5	0 35	1 23	0 11	15 37	21 33	21 47	20 11	2 58	5 19
S 26	13 17	15 12	4 20	15 39	0 26	22 45	1 11	24 52	1 25	6 42	1 33	2 27	2 35	23 1	0 5	0 36	1 24	0 11	15 37	21 33	21 46	20 10	2 57	5 20
M27	13 36	11 36	4 51	16 28	0 36	22 59	1 14	24 52	1 24	6 40	1 33	2 28	2 35	23 2	0 5	0 37	1 24	0 11	15 37	21 33	21 46	20 8	2 55	5 20
T 28	13 55	7 28	5 9	17 16	0 47	23 13	1 17	24 52	1 24	6 37	1 33	2 29	2 34	23 2	0 5	0 37	1 24	0 12	15 37	21 33	21 45	20 7	2 54	5 20
W29	14 14	2 56	5 13	18 2	0 57	23 26	1 19	24 52	1 24	6 34	1 33	2 30	2 34	23 2	0 5	0 38	1 24	0 12	15 37	21 33	21 45	20 6	2 53	5 20
T 30	14n33	1s50	5s 2	18n46	1n 7	23n38	1n22	24n51	1n24	6s32	1n32	2n31	2n34	2n3 2	0n 5									

SWISS EPHEMERIS for the year 1863

MAY 1863

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
F 1	14 33 43	10♈ 6'29	6♌15	21♋45	13♉27	1♄51	20♈15	29♈R32	18♉27	4♃53	10♌50	7♈R 9	8♌26	12♌8	10♋4
S 2	14 37 39	11° 4'39	19°52	23°45	14°39	2°28	20♌ 8	29♈29	18°30	4°55	10°51	7♌ 5	8°22	12°15	10° 6
S 3	14 41 36	12° 2'46	3♌50	25°43	15°50	3° 5	20° 1	29°26	18°33	4°57	10°53	7° 2	8°19	12°21	10° 9
M 4	14 45 32	13° 0'52	18° 6	27°38	17° 1	3°41	19°55	29°23	18°36	4°59	10°54	7° 0	8°16	12°28	10°11
T 5	14 49 29	13°58'56	2♌35	29°31	18°13	4°18	19°48	29°21	18°39	5° 1	10°56	6°D59	8°13	12°35	10°13
W 6	14 53 25	14°56'59	17°10	1♉20	19°24	4°55	19°42	29°18	18°42	5° 2	10°57	6°59	8°10	12°41	10°15
T 7	14 57 22	15°55'00	1♌46	3° 6	20°35	5°32	19°35	29°16	18°45	5° 4	10°58	7° 0	8° 6	12°48	10°17
F 8	15 1 18	16°53'00	16°17	4°49	21°46	6° 8	19°29	29°13	18°48	5° 6	11° 0	7° 1	8° 3	12°55	10°19
S 9	15 5 15	17°50'59	0♌40	6°29	22°57	6°45	19°23	29°11	18°51	5° 8	11° 1	7° 3	8° 0	13° 1	10°21
S 10	15 9 12	18°48'56	14°51	8° 5	24° 8	7°22	19°17	29° 9	18°55	5°10	11° 2	7°R 3	7°57	13° 8	10°23
M11	15 13 8	19°46'52	28°49	9°38	25°19	7°59	19°12	29° 6	18°58	5°11	11° 4	7° 3	7°54	13°15	10°25
T 12	15 17 5	20°44'47	12♋33	11° 7	26°29	8°36	19° 6	29° 4	19° 1	5°13	11° 5	7° 2	7°51	13°21	10°27
W13	15 21 1	21°42'40	26° 2	12°32	27°40	9°13	19° 0	29° 2	19° 4	5°15	11° 6	7° 1	7°47	13°28	10°29
T 14	15 24 58	22°40'32	9♃16	13°54	28°51	9°49	18°55	29° 1	19° 8	5°16	11° 8	6°59	7°44	13°35	10°31
F 15	15 28 54	23°38'23	22°16	15°11	0♌ 1	10°26	18°50	28°59	19°11	5°18	11° 9	6°57	7°41	13°41	10°32
S 16	15 32 51	24°36'12	5♌ 2	16°25	1°12	11° 3	18°44	28°57	19°14	5°20	11°10	6°55	7°38	13°48	10°34
S 17	15 36 47	25°34'01	17°35	17°35	2°22	11°40	18°39	28°56	19°17	5°21	11°12	6°54	7°35	13°55	10°36
M18	15 40 44	26°31'48	29°55	18°41	3°32	12°17	18°35	28°54	19°21	5°23	11°13	6°53	7°31	14° 1	10°37
T 19	15 44 41	27°29'33	12♉ 5	19°44	4°42	12°54	18°30	28°53	19°24	5°25	11°14	6°D53	7°28	14° 8	10°39
W20	15 48 37	28°27'18	24° 6	20°41	5°52	13°31	18°25	28°51	19°28	5°26	11°16	6°54	7°25	14°15	10°40
T 21	15 52 34	29°25'00	5♌59	21°35	7° 2	14° 8	18°21	28°50	19°31	5°28	11°17	6°54	7°22	14°22	10°42
F 22	15 56 30	0♉22'42	17°49	22°25	8°12	14°45	18°17	28°49	19°34	5°29	11°18	6°55	7°19	14°28	10°43
S 23	16 0 27	1°20'21	29°39	23°10	9°22	15°22	18°13	28°48	19°38	5°31	11°20	6°56	7°16	14°35	10°44
S 24	16 4 23	2°18'00	11♌31	23°51	10°32	15°59	18° 9	28°47	19°41	5°32	11°21	6°56	7°12	14°42	10°46
M25	16 8 20	3°15'37	23°32	24°27	11°41	16°35	18° 5	28°47	19°45	5°33	11°22	6°57	7° 9	14°48	10°47
T 26	16 12 16	4°13'12	5♈44	24°59	12°51	17°12	18° 2	28°46	19°48	5°35	11°23	6°R57	7° 6	14°55	10°48
W27	16 16 13	5°10'46	18°14	25°27	14° 0	17°49	17°58	28°45	19°52	5°36	11°25	6°57	7° 3	15° 2	10°49
T 28	16 20 10	6° 8'18	1♌ 3	25°49	15° 9	18°26	17°55	28°45	19°55	5°38	11°26	6°56	7° 0	15° 8	10°50
F 29	16 24 6	7° 5'49	14°17	26° 7	16°19	19° 3	17°52	28°45	19°59	5°39	11°27	6°D56	6°57	15°15	10°51
S 30	16 28 3	8° 3'19	27°56	26°21	17°28	19°40	17°49	28°44	20° 2	5°40	11°28	6°57	6°53	15°22	10°52
S 31	16 31 59	9♉ 0'48	12♌ 0	26♉30	18♌37	20♌17	17♌46	28♈44	20♉ 6	5♃41	11♌30	6♌57	6♌50	15♌28	10♋53

Day	☉		☽		♀		♂		♃		♄		♅		♆		♇		♁		♂		♁		♃		♄					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
F 1	14n52	6s41	4s34	19n28	1n17	23n50	1n24	24n51	1n24	6s30	1n32	2n33	2n34	2n3n	0n 5	0n40	1s24	0n13	15s37	21s31	21s44	20n 3	2s51	5n21								
S 2	15 10 11	20 3	5 21	20 7	1 27	24 1	1 27	24 50	1 24	6 27	1 32	2 34	2 34	2 3n	0 5	0 40	1 24	0 14	15 37	21 31	21 43	20 2	2 50	5 21								
S 3	15 28 15	30 2	52 20	45 1	35 24	11 1	29 24	49 1	24 6	25 1	32 2	35 2	34 23	3 0	5 0	41 1	24 0	14 15	37 21	30 21	43 20	0 2	2 49	5 21								
M 4	15 45 18	52 1	42 21	20 1	44 24	21 1	32 24	48 1	24 6	22 1	32 2	35 2	34 23	3 0	5 0	42 1	24 0	14 15	37 21	30 21	42 19	59 2	2 48	5 21								
T 5	16 3 21	5 0	24 21	52 1	51 24	30 1	34 24	47 1	24 6	20 1	32 2	36 2	33 23	4 0	5 0	43 1	24 0	15 15	37 21	29 21	42 19	58 2	2 47	5 21								
W 6	16 20 21	55 0	56 22	22 2	58 24	38 1	36 24	46 1	24 6	18 1	32 2	37 2	33 23	4 0	5 0	43 1	24 0	15 15	37 21	30 21	41 19	56 2	2 46	5 22								
T 7	16 37 21	14 2	12 20	22 50	2 4	24 46	1 39	24 44	1 24	6 16	1 31	2 38	2 33	23 4	0 5	0 44	1 24	0 16	15 37	21 30	21 40	19 55	2 45	5 22								
F 8	16 53 19	9 3	2 20	23 15	2 10	24 53	1 41	24 42	1 24	6 13	1 31	2 39	2 33	23 4	0 5	0 45	1 24	0 16	15 37	21 30	21 40	19 54	2 44	5 22								
S 9	17 10 15	53 4	15 23	37 2	15 24	59 1	43 24	40 1	23 6	11 1	31 2	40 2	33 23	5 0	5 0	45 1	24 0	16 15	37 21	30 21	39 19	52 2	2 43	5 22								
S 10	17 26 11	43 4	53 23	57 2	19 25	5 1	45 24	38 1	23 6	9 1	31 2	40 2	33 23	5 0	5 0	46 1	24 0	17 15	37 21	30 21	39 19	51 2	2 42	5 23								
M11	17 42 7	0 5	13 24	15 2	22 25	9 1	47 24	36 1	23 6	7 1	31 2	41 2	32 23	5 0	6 0	47 1	24 0	17 15	37 21	30 21	38 19	50 2	2 41	5 23								
T 12	17 57 2	1 5	14 24	30 2	24 25	14 1	49 24	34 1	23 6	5 1	31 2	42 2	32 23	6 0	6 0	47 1	24 0	17 15	37 21	30 21	38 19	48 2	2 40	5 23								
W13	18 12 2n59	4 59	24 43	2 25	25 17	1 51	24 31	1 23	6 3	1 30	2 42	2 32	23 6	0 6	0 48	1 24	0 18	15 37	21 30	21 37	19 47	2 39	5 23									
T 14	18 27 7	46 4	27 24	54 2	26 25	20 1	53 24	28 1	23 6	1 1	30 2	43 2	32 23	6 0	6 0	49 1	24 0	18 15	37 21	29 21	37 19	46 2	2 38	5 24								
F 15	18 42 12	7 3	43 25	3 2	25 25	22 1	55 24	25 1	23 6	0 1	30 2	43 2	32 23	6 0	6 0	49 1	24 0	19 15	37 21	29 21	36 19	44 2	2 37	5 24								
S 16	18 56 15	50 2	47 25	9 2	24 25	23 1	56 24	22 1	23 5	58 1	30 2	44 2	31 23	7 0	6 0	50 1	24 0	19 15	37 21	29 21	36 19	43 2	2 36	5 24								
S 17	19 10 18	46 1	45 25	14 2	22 25	24 1	58 24	19 1	23 5	56 1	30 2	44 2	31 23	7 0	6 0	50 1	24 0	19 15	37 21	29 21	35 19	41 2	2 36	5 24								
M18	19 24 20	47 0	39 25	17 2	19 25	24 0	2 0	24 15	1 22	5 55	1 29	2 45	2 31	23 7	0 6	0 51	1 24	0 20	15 37	21 29	21 35	19 40	2 35	5 25								
T 19	19 37 21	47 0	29 25	18 2	15 25	23 2	1 24	12 1	22 5	53 1	29 2	45 2	31 23	7 0	6 0	52 1	24 0	20 15	37 21	29 21	34 19	39 2	2 34	5 25								
W20	19 50 21	46 1	34 25	17 2	10 25	22 2	2 24	8 1	22 5	51 1	29 2	45 2	31 23	8 0	6 0	52 1	24 0	20														

SWISS EPHEMERIS for the year 1863

JUNE 1863

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
M 1	16 35 56	9II58'15	26III28	26°R34	19°545	20°54	17°R44	28°D44	20II 9	5°V43	11°B31	6°A57	6°A47	15°535	10°K53
T 2	16 39 52	10°55'42	11°A13	26II33	20°54	21°31	17°A41	28°II44	20°13	5°44	11°32	6°R57	6°44	15°42	10°54
W 3	16 43 49	11°53'07	26°10	26°28	22° 3	22° 8	17°39	28°44	20°16	5°45	11°33	6°57	6°41	15°48	10°55
T 4	16 47 45	12°50'32	11°B10	26°19	23°11	22°45	17°37	28°44	20°20	5°46	11°35	6°56	6°37	15°55	10°55
F 5	16 51 42	13°47'56	26° 5	26° 5	24°19	23°22	17°35	28°45	20°23	5°47	11°36	6°56	6°34	16° 2	10°56
S 6	16 55 39	14°45'19	10°A48	25°48	25°28	23°59	17°34	28°45	20°27	5°48	11°37	6°55	6°31	16° 8	10°57
S 7	16 59 35	15°42'41	25°12	25°27	26°36	24°36	17°32	28°46	20°30	5°49	11°38	6°54	6°28	16°15	10°57
M 8	17 3 32	16°40'03	9°K16	25° 3	27°44	25°13	17°31	28°46	20°34	5°50	11°39	6°54	6°25	16°22	10°57
T 9	17 7 28	17°37'25	22°57	24°36	28°51	25°51	17°30	28°47	20°37	5°51	11°40	6°D54	6°22	16°28	10°58
W10	17 11 25	18°34'45	6°V17	24° 7	29°59	26°28	17°29	28°48	20°41	5°52	11°41	6°54	6°18	16°35	10°58
T 11	17 15 21	19°32'06	19°17	23°35	1°Q 6	27° 5	17°28	28°49	20°45	5°53	11°43	6°55	6°15	16°42	10°58
F 12	17 19 18	20°29'26	2°B 0	23° 2	2°14	27°42	17°28	28°50	20°48	5°54	11°44	6°56	6°12	16°48	10°58
S 13	17 23 14	21°26'46	14°28	22°29	3°21	28°19	17°27	28°51	20°52	5°55	11°45	6°57	6° 9	16°55	10°58
S 14	17 27 11	22°24'05	26°45	21°55	4°28	28°56	17°27	28°52	20°55	5°56	11°46	6°58	6° 6	17° 2	10°R59
M15	17 31 8	23°21'24	8°II51	21°21	5°35	29°33	17°D27	28°54	20°59	5°57	11°47	6°R58	6° 3	17° 8	10°R59
T 16	17 35 4	24°18'42	20°50	20°49	6°42	0°Q10	17°27	28°55	21° 2	5°58	11°48	6°58	5°59	17°15	10°58
W17	17 39 1	25°15'59	2°544	20°17	7°48	0°47	17°28	28°57	21° 6	5°58	11°49	6°56	5°56	17°22	10°58
T 18	17 42 57	26°13'17	14°34	19°48	8°55	1°25	17°28	28°59	21°10	5°59	11°50	6°54	5°53	17°28	10°58
F 19	17 46 54	27°10'33	26°23	19°21	10° 1	2° 2	17°29	29° 0	21°13	6° 0	11°51	6°51	5°50	17°35	10°58
S 20	17 50 50	28° 7'49	8°Q14	18°57	11° 7	2°39	17°30	29° 2	21°17	6° 0	11°52	6°48	5°47	17°42	10°58
S 21	17 54 47	29° 5'04	20° 8	18°37	12°13	3°16	17°31	29° 4	21°20	6° 1	11°53	6°44	5°43	17°48	10°57
M22	17 58 43	0°5 2'19	2°II10	18°20	13°19	3°53	17°32	29° 6	21°24	6° 2	11°54	6°41	5°40	17°55	10°57
T 23	18 2 40	0°59'33	14°22	18° 7	14°25	4°31	17°33	29° 8	21°27	6° 2	11°55	6°39	5°37	18° 2	10°56
W24	18 6 37	1°56'47	26°49	17°58	15°30	5° 8	17°35	29°10	21°31	6° 3	11°56	6°D38	5°34	18° 9	10°56
T 25	18 10 33	2°53'59	9°A34	17°D54	16°35	5°45	17°37	29°13	21°34	6° 3	11°57	6°38	5°31	18°15	10°55
F 26	18 14 30	3°51'12	22°42	17°55	17°40	6°22	17°39	29°15	21°38	6° 4	11°58	6°39	5°28	18°22	10°55
S 27	18 18 26	4°48'24	6°II15	18° 0	18°45	7° 0	17°41	29°18	21°41	6° 4	11°59	6°41	5°24	18°29	10°54
S 28	18 22 23	5°45'35	20°15	18°10	19°49	7°37	17°43	29°20	21°45	6° 5	12° 0	6°42	5°21	18°35	10°53
M29	18 26 19	6°42'46	4°A41	18°25	20°54	8°14	17°45	29°23	21°48	6° 5	12° 0	6°R43	5°18	18°42	10°52
T 30	18 30 16	7°39'57	19°A30	18°II45	21°Q58	8°Q51	17°48	29°26	21°II52	6°V 5	12°B 1	6°A42	5°A15	18°549	10°K52

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	21n58	20s19	0s58	23n24	0s 0	24n12	2n13	23n 9	1n20	5s38	1n26	2n46	2n28	23n11	0n 6	0n58	1s25	0n23	15s38	21s29	21s27	19n20	2s25	5n28
T 2	22 6 21	45 0n24	23 9	0 16	24 1	2 13	23 3	1 20	5 38	1 26	2 46	2 28	23 11	0 6	0 59	1 25	0 24	15 38	21 29	21 27	19 19	2 25	5 28	
W 3	22 14 21	39 1 45	22 52	0 32	23 51	2 13	22 57	1 20	5 37	1 25	2 45	2 28	23 12	0 6	0 59	1 25	0 24	15 38	21 29	21 26	19 17	2 24	5 29	
T 4	22 21 20	1 2 59	22 35	0 49	23 39	2 14	22 51	1 20	5 37	1 25	2 45	2 27	23 12	0 6	0 59	1 25	0 24	15 39	21 29	21 26	19 16	2 24	5 29	
F 5	22 28 17	1 4 0	22 18	1 6	23 27	2 13	22 44	1 20	5 36	1 25	2 45	2 27	23 12	0 6	1 0	1 25	0 24	15 39	21 29	21 25	19 14	2 23	5 29	
S 6	22 35 12	58 4 45	22 0	1 23	23 15	2 13	22 38	1 20	5 36	1 25	2 44	2 27	23 12	0 6	1 0	1 25	0 24	15 39	21 29	21 25	19 13	2 23	5 30	
S 7	22 41 8	15 5 11	21 42	1 41	23 2	2 13	22 31	1 19	5 35	1 24	2 44	2 27	23 13	0 6	1 1	1 25	0 25	15 39	21 29	21 24	19 12	2 23	5 30	
M 8	22 47 3	12 5 17	21 24	1 58	22 48	2 13	22 24	1 19	5 35	1 24	2 44	2 26	23 13	0 6	1 1	1 25	0 25	15 39	21 29	21 24	19 10	2 22	5 30	
T 9	22 53 1n52	5 5 21	6 2 15	22 34	2 12	22 17	1 19	5 35	1 24	2 43	2 26	23 13	0 6	1 1	1 25	0 25	15 39	21 29	21 23	19 9	2 22	5 30		
W10	22 58 6	44 4 37	20 48	2 31	22 19	2 12	22 10	1 19	5 35	1 24	2 43	2 26	23 13	0 6	1 2	1 25	0 25	15 40	21 29	21 23	19 7	2 21	5 31	
T 11	23 3 11	10 3 55	20 31	2 47	22 3	2 11	22 3	1 19	5 35	1 23	2 42	2 26	23 14	0 6	1 2	1 25	0 25	15 40	21 29	21 22	19 6	2 21	5 31	
F 12	23 7 15	1 3 2	20 14	3 2	21 48	2 10	21 55	1 18	5 35	1 23	2 41	2 26	23 14	0 6	1 2	1 26	0 25	15 40	21 29	21 21	19 4	2 21	5 31	
S 13	23 11 18	7 2 1	19 58	3 17	21 31	2 10	21 47	1 18	5 35	1 23	2 41	2 25	23 14	0 6	1 3	1 26	0 26	15 40	21 29	21 21	19 3	2 20	5 31	
S 14	23 14 20	21 0 56	19 43	3 30	21 14	2 9	21 40	1 18	5 35	1 23	2 40	2 25	23 14	0 6	1 3	1 26	0 26	15 40	21 29	21 20	19 1	2 20	5 32	
M15	23 17 21	37 0s10	19 29	3 42	20 57	2 7	21 32	1 18	5 35	1 22	2 39	2 25	23 15	0 6	1 3	1 26	0 26	15 40	21 29	21 20	19 0	2 20	5 32	
T 16	23 20 21	53 1 16	19 15	3 53	20 39	2 6	21 23	1 18	5 36	1 22	2 38	2 25	23 15	0 6	1 3	1 26	0 26	15 41	21 29	21 19	18 58	2 20	5 32	
W17	23 22 21	8 2 18	19 4	4 3	20 20	2 5	21 15	1 17	5 36	1 22	2 38	2 24	23 15	0 6	1 4	1 26	0 26	15 41	21 29	21 19	18 57	2 20	5 32	
T 18	23 24 19	28 3 13	18 53	4 11	20 1	2 3	21 7	1 17	5 36	1 21	2 37	2 24	23 15	0 6	1 4	1 26	0 26	15 41	21 29	21 18	18 55	2 19	5 33	
F 19	23 26 16	58 4 0	18 44	4 18	19 42	2 2	20 58	1 17	5 37	1 21	2 36	2 24	23 16	0 6	1 4	1 26	0 26	15 41	21 28	21 18	18 54	2 19	5 33	
S 20	23 27 13	46 4 36	18 37	4 24	19 22	2 0	20 50	1 17	5 38	1 21	2 35	2 24	23 16	0 6	1 4	1 26	0 26	15 41	21 28	21 17	18 52	2 19	5 33	
S 21	23 27 10	1 5 1	18 31	4 28	19 2	1 58	20 41	1 17	5 38	1 21	2 34	2 24	23 16	0 6	1 5	1 26	0 26	15 42	21 27	21 17	18 51	2 19	5 34	
M22	23 27 5	50 5 13	18 27	4 31	18 41	1 56	20 32	1 16	5 39	1 20	2 33	2 23	23 16	0 6	1 5	1 26	0 27	15 42	21 26	21 16	18 49	2 19	5 34	
T 23	23 27 1	22 5 12	18 24	4 32	18 20	1 54	20 23	1 16	5 40	1 20	2 32	2 23	23 17	0 6	1 5	1 26	0 27	15 42	21 26	21 15	18 48	2 19	5 34	
W24	23 26 3s15	4 55	18 24	4 32	17 59	1 52	20 14	1 16	5 41	1 20	2 31	2 23	23 17	0 6	1 5	1 26	0 27	15 42	21 26	21 15	18 46	2 19	5 34	
T 25	23 25 7	50 4 24	18 25	4 31	17 37	1 50	20 4	1 16	5 41	1 20	2 30	2 23	23 17	0 6	1 5	1 26	0 27	15 43	21 26	21 14	18 45	2 19	5 35	
F 26	23 24 12	13 3 39	18 27	4 28	17 15	1 47	19 55	1 16	5 42	1 19	2 28	2 22	23 17	0 6	1 5	1 26	0 27	15 43	21 26	21 14	18 43	2 19	5 35	
S 27	23 22 16	7 2 39	18 32	4 24	16 52	1 45	19 45	1 15	5 44	1 19	2 27	2 22	23 18	0 6	1 5	1 26	0 27	15 43	21 26	21 13	18 42	2 19	5 35	
S 28	23 20 19	15 1 29	18 37	4 19	16 30	1 42	19 35	1 15	5 45	1 19	2 26	2 22	23 18	0 6	1 6	1 26	0 27	15 43	21 27	21 13	18 40	2 19	5 35	
M29	23 17 21	16 0 11	18 45	4 13	16 6	1 39	19 25	1 15	5 46	1 18	2 25	2 22	23 18	0 6	1 6	1 26	0 27	15 43	21 27	21 12	18 39	2 19	5 36	
T 30	23n14	21s53	1n 9	18n53	4s 6	15n43	1n36	19n15	1n15	5s47	1													

SWISS EPHEMERIS for the year 1863

JULY 1863

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	18 34 12	8 ^h 37'08"	4 ^h 36'	19 ^h 11'	23 ^h 02'	9 ^h 02'	17 ^h 51'	29 ^h 29'	21 ^h 55'	6 ^h 06'	12 ^h 02'	6 ^h R40	5 ^h 12'	18 ^h 55'	10 ^h R51
T 2	18 38 9	9 ^h 34'19"	19 ^h 50'	19 ^h 39'	24 ^h 05'	10 ^h 06'	17 ^h 54'	29 ^h 32'	21 ^h 59'	6 ^h 06'	12 ^h 03'	6 ^h 37'	5 ^h 09'	19 ^h 02'	10 ^h R50
F 3	18 42 6	10 ^h 31'29"	5 ^h 52'	20 ^h 13'	25 ^h 09'	10 ^h 43'	17 ^h 57'	29 ^h 35'	22 ^h 02'	6 ^h 06'	12 ^h 04'	6 ^h 33'	5 ^h 09'	19 ^h 09'	10 ^h R49
S 4	18 46 2	11 ^h 28'40"	20 ^h 02'	20 ^h 52'	26 ^h 12'	11 ^h 21'	18 ^h 00'	29 ^h 38'	22 ^h 05'	6 ^h 06'	12 ^h 05'	6 ^h 28'	5 ^h 02'	19 ^h 15'	10 ^h R48
S 5	18 49 59	12 ^h 25'51"	4 ^h 42'	21 ^h 36'	27 ^h 14'	11 ^h 58'	18 ^h 04'	29 ^h 41'	22 ^h 09'	6 ^h 06'	12 ^h 05'	6 ^h 23'	4 ^h 59'	19 ^h 22'	10 ^h R47
M 6	18 53 55	13 ^h 23'02"	18 ^h 57'	22 ^h 25'	28 ^h 17'	12 ^h 35'	18 ^h 07'	29 ^h 45'	22 ^h 12'	6 ^h 07'	12 ^h 06'	6 ^h 20'	4 ^h 56'	19 ^h 29'	10 ^h R45
T 7	18 57 52	14 ^h 20'13"	2 ^h 44'	23 ^h 19'	29 ^h 19'	13 ^h 13'	18 ^h 11'	29 ^h 48'	22 ^h 16'	6 ^h 07'	12 ^h 07'	6 ^h 17'	4 ^h 53'	19 ^h 35'	10 ^h R44
W 8	19 1 148	15 ^h 17'25"	16 ^h 04'	24 ^h 17'	0 ^h 21'	13 ^h 50'	18 ^h 15'	29 ^h 51'	22 ^h 19'	6 ^h 07'	12 ^h 08'	6 ^h D17	4 ^h 49'	19 ^h 42'	10 ^h R43
T 9	19 5 45	16 ^h 14'37"	28 ^h 59'	25 ^h 19'	1 ^h 23'	14 ^h 27'	18 ^h 19'	29 ^h 55'	22 ^h 22'	6 ^h 07'	12 ^h 08'	6 ^h 17'	4 ^h 46'	19 ^h 49'	10 ^h R42
F 10	19 9 41	17 ^h 11'50"	11 ^h 34'	26 ^h 26'	2 ^h 24'	15 ^h 05'	18 ^h 23'	29 ^h 59'	22 ^h 26'	6 ^h R 7	12 ^h 09'	6 ^h 19'	4 ^h 43'	19 ^h 55'	10 ^h R40
S 11	19 13 38	18 ^h 09'04"	23 ^h 52'	27 ^h 38'	3 ^h 26'	15 ^h 42'	18 ^h 28'	0 ^h 22'	22 ^h 29'	6 ^h 07'	12 ^h 10'	6 ^h 20'	4 ^h 40'	20 ^h 02'	10 ^h R39
S 12	19 17 35	19 ^h 06'18"	5 ^h 11'58"	28 ^h 54'	4 ^h 26'	16 ^h 20'	18 ^h 32'	0 ^h 06'	22 ^h 32'	6 ^h 07'	12 ^h 10'	6 ^h R21	4 ^h 37'	20 ^h 09'	10 ^h R37
M13	19 21 31	20 ^h 03'32"	17 ^h 55'	0 ^h 14'	5 ^h 27'	16 ^h 57'	18 ^h 37'	0 ^h 10'	22 ^h 36'	6 ^h 07'	12 ^h 11'	6 ^h 20'	4 ^h 34'	20 ^h 16'	10 ^h R36
T 14	19 25 28	21 ^h 04'47"	29 ^h 47'	1 ^h 38'	6 ^h 27'	17 ^h 35'	18 ^h 42'	0 ^h 14'	22 ^h 39'	6 ^h 07'	12 ^h 11'	6 ^h 17'	4 ^h 30'	20 ^h 22'	10 ^h R34
W15	19 29 24	21 ^h 58'02"	11 ^h 36'	3 ^h 06'	7 ^h 27'	18 ^h 12'	18 ^h 47'	0 ^h 18'	22 ^h 42'	6 ^h 06'	12 ^h 12'	6 ^h 13'	4 ^h 27'	20 ^h 29'	10 ^h R33
T 16	19 33 21	22 ^h 55'18"	23 ^h 25'	4 ^h 39'	8 ^h 26'	18 ^h 50'	18 ^h 52'	0 ^h 22'	22 ^h 45'	6 ^h 06'	12 ^h 13'	6 ^h 06'	4 ^h 24'	20 ^h 36'	10 ^h R31
F 17	19 37 17	23 ^h 52'34"	5 ^h 01'16"	6 ^h 15'	9 ^h 26'	19 ^h 27'	18 ^h 58'	0 ^h 27'	22 ^h 48'	6 ^h 06'	12 ^h 13'	5 ^h 58'	4 ^h 21'	20 ^h 42'	10 ^h R29
S 18	19 41 14	24 ^h 49'50"	17 ^h 11'	7 ^h 56'	10 ^h 24'	20 ^h 05'	19 ^h 03'	0 ^h 31'	22 ^h 52'	6 ^h 06'	12 ^h 14'	5 ^h 49'	4 ^h 18'	20 ^h 49'	10 ^h R27
S 19	19 45 11	25 ^h 47'07"	29 ^h 10'	9 ^h 39'	11 ^h 23'	20 ^h 42'	19 ^h 09'	0 ^h 35'	22 ^h 55'	6 ^h 05'	12 ^h 14'	5 ^h 40'	4 ^h 15'	20 ^h 56'	10 ^h R26
M20	19 49 7	26 ^h 44'24"	11 ^h 17'	11 ^h 26'	12 ^h 21'	21 ^h 20'	19 ^h 14'	0 ^h 40'	22 ^h 58'	6 ^h 05'	12 ^h 15'	5 ^h 31'	4 ^h 11'	21 ^h 02'	10 ^h R24
T 21	19 53 4	27 ^h 41'41"	23 ^h 33'	13 ^h 17'	13 ^h 18'	21 ^h 57'	19 ^h 20'	0 ^h 44'	23 ^h 01'	6 ^h 05'	12 ^h 15'	5 ^h 25'	4 ^h 08'	21 ^h 09'	10 ^h R22
W22	19 57 0	28 ^h 38'59"	6 ^h 22'	15 ^h 10'	14 ^h 15'	22 ^h 35'	19 ^h 27'	0 ^h 49'	23 ^h 04'	6 ^h 04'	12 ^h 16'	5 ^h 20'	4 ^h 05'	21 ^h 16'	10 ^h R20
T 23	20 0 57	29 ^h 36'17"	18 ^h 46'	17 ^h 06'	15 ^h 12'	23 ^h 12'	19 ^h 33'	0 ^h 54'	23 ^h 07'	6 ^h 04'	12 ^h 16'	5 ^h 18'	4 ^h 02'	21 ^h 22'	10 ^h R18
F 24	20 4 53	0 ^h 33'36"	1 ^h 49'	19 ^h 04'	16 ^h 08'	23 ^h 50'	19 ^h 39'	0 ^h 59'	23 ^h 10'	6 ^h 04'	12 ^h 16'	5 ^h D17	3 ^h 59'	21 ^h 29'	10 ^h R16
S 25	20 8 50	1 ^h 30'55"	15 ^h 14'	21 ^h 05'	17 ^h 04'	24 ^h 28'	19 ^h 46'	1 ^h 03'	23 ^h 13'	6 ^h 03'	12 ^h 17'	5 ^h 18'	3 ^h 55'	21 ^h 36'	10 ^h R14
S 26	20 12 46	2 ^h 28'14"	29 ^h 04'	23 ^h 07'	17 ^h 59'	25 ^h 05'	19 ^h 52'	1 ^h 08'	23 ^h 16'	6 ^h 03'	12 ^h 17'	5 ^h R18	3 ^h 52'	21 ^h 42'	10 ^h R12
M27	20 16 43	3 ^h 25'34"	13 ^h 17'20"	25 ^h 10'	18 ^h 54'	25 ^h 43'	19 ^h 59'	1 ^h 13'	23 ^h 19'	6 ^h 02'	12 ^h 18'	5 ^h 18'	3 ^h 49'	21 ^h 49'	10 ^h R10
T 28	20 20 40	4 ^h 22'55"	28 ^h 00'	27 ^h 15'	19 ^h 48'	26 ^h 21'	20 ^h 06'	1 ^h 18'	23 ^h 22'	6 ^h 01'	12 ^h 18'	5 ^h 16'	3 ^h 46'	21 ^h 56'	10 ^h R 7
W29	20 24 36	5 ^h 20'16"	13 ^h 30'00"	29 ^h 20'	20 ^h 42'	26 ^h 58'	20 ^h 13'	1 ^h 23'	23 ^h 25'	6 ^h 01'	12 ^h 18'	5 ^h 12'	3 ^h 43'	22 ^h 03'	10 ^h R 5
T 30	20 28 33	6 ^h 17'37"	28 ^h 13'	1 ^h 02'26"	21 ^h 35'	27 ^h 36'	20 ^h 20'	1 ^h 29'	23 ^h 28'	6 ^h 00'	12 ^h 19'	5 ^h 06'	3 ^h 40'	22 ^h 09'	10 ^h R 3
F 31	20 32 29	7 ^h 01'50"	13 ^h 38'28"	3 ^h 02'32"	22 ^h 27'	28 ^h 01'44"	20 ^h 27'	1 ^h 34'	23 ^h 30'	6 ^h 00'	12 ^h 19'	4 ^h 57'	3 ^h 36'	22 ^h 16'	10 ^h R 1

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	23n11	20s56	2n27	19n 3	3s59	15n19	1n33	19n 5	1n14	5s48	1n18	2n22	2n21	23n18	0n 6
T 2	23 7 18 28	3 34	19 14	3 50	14 55	1 30	18 55	1 14	5 50	1 18	2 21	2 21	23 19	0 6	1 6
F 3	23 2 14 43	4 26	19 26	3 40	14 31	1 27	18 45	1 14	5 51	1 17	2 19	2 21	23 19	0 6	1 6
S 4	22 58 10 5	4 59	19 39	3 30	14 6	1 23	18 34	1 14	5 53	1 17	2 18	2 21	23 19	0 6	1 6
S 5	22 52 4 57	5 11	19 52	3 20	13 41	1 20	18 23	1 13	5 54	1 17	2 16	2 21	23 19	0 6	1 6
M 6	22 47 0n17	5 4	20 6	3 8	13 16	1 16	18 13	1 13	5 56	1 17	2 15	2 20	23 20	0 6	1 6
T 7	22 41 5 21	4 39	20 21	2 57	12 50	1 12	18 2	1 13	5 58	1 16	2 13	2 20	23 20	0 6	1 6
W 8	22 35 10 1	4 0	20 36	2 44	12 25	1 8	17 51	1 13	5 59	1 16	2 12	2 20	23 20	0 6	1 6
T 9	22 28 14 4	3 9	20 51	2 32	11 59	1 4	17 40	1 12	6 1	1 16	2 10	2 20	23 20	0 6	1 6
F 10	22 21 17 23	2 11	21 6	2 19	11 33	0 59	17 28	1 12	6 3	1 16	2 9	2 20	23 20	0 6	1 6
S 11	22 13 19 50	1 7	21 20	2 6	11 7	0 55	17 17	1 12	6 5	1 15	2 7	2 19	23 21	0 6	1 6
S 12	22 6 21 21	0 2	21 35	1 52	10 40	0 51	17 6	1 12	6 7	1 15	2 5	2 19	23 21	0 6	1 6
M13	21 57 21 52	1s 2	21 48	1 39	10 14	0 46	16 54	1 11	6 9	1 15	2 3	2 19	23 21	0 6	1 6
T 14	21 49 21 24	2 3	22 1	1 26	9 47	0 41	16 42	1 11	6 11	1 15	2 2	2 19	23 21	0 6	1 6
W15	21 40 19 59	2 59	22 13	1 12	9 20	0 36	16 31	1 11	6 13	1 14	2 0	2 19	23 21	0 6	1 5
T 16	21 30 17 42	3 46	22 24	0 59	8 53	0 31	16 19	1 11	6 15	1 14	1 58	2 18	23 22	0 6	1 5
F 17	21 21 14 41	4 24	22 33	0 45	8 26	0 26	16 7	1 10	6 18	1 14	1 56	2 18	23 22	0 6	1 5
S 18	21 11 11 5	4 51	22 41	0 32	7 59	0 20	15 55	1 10	6 20	1 14	1 54	2 18	23 22	0 6	1 5
S 19	21 0 7 1	5 5	22 47	0 19	7 32	0 15	15 42	1 10	6 22	1 13	1 52	2 18	23 22	0 6	1 5
M20	20 49 2 38	5 5	22 51	0 7	7 5	0 9	15 30	1 10	6 25	1 13	1 50	2 18	23 22	0 6	1 5
T 21	20 38 1s54	4 51	22 53	0n 5	6 37	0 3	15 18	1 9	6 27	1 13	1 48	2 17	23 22	0 6	1 4
W22	20 27 6 26	4 24	22 52	0 17	6 10	0s 3	15 5	1 9	6 30	1 13	1 46	2 17	23 23	0 6	1 4
T 23	20 15 10 48	3 43	22 49	0 28	5 42	0 9	14 52	1 9	6 32	1 12	1 44	2 17	23 23	0 6	1 4
F 24	20 3 14 46	2 50	22 44	0 38	5 15	0 15	14 40	1 8	6 35	1 12	1 42	2 17	23 23	0 6	1 4
S 25	19 50 18 6	1 46	22 36	0 48	4 47	0 21	14 27	1 8	6 37	1 12	1 40	2 17	23 23	0 6	1 4
S 26	19 37 20 30	0 33	22 25	0 57	4 20	0 28	14 14	1 8	6 40	1 12	1 38	2 17	23 23	0 6	1 3
M27	19 24 21 42	0n43	22 11	1 6	3 52	0 34	14 1								

SWISS EPHEMERIS for the year 1863

AUGUST 1863

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	20 36 26	8♂12'23	28♁35	5♂37	23♁19	28♂52	20♁35	1♁39	23♁33	5♁R59	12♁19	4♁R48	3♁733	22♁23	9♁R58
S 2	20 40 22	9° 9'47	13♁24	7°43	24°10	29°29	20°42	1°45	23°36	5♁Y58	12°19	4♁739	3°30	22°29	9♁Y56
M 3	20 44 19	10° 7'12	27°48	9°48	25° 1	0♁7	20°50	1°50	23°39	5°57	12°19	4°31	3°27	22°36	9°53
T 4	20 48 15	11° 4'39	11♁42	11°51	25°50	0°45	20°58	1°56	23°41	5°57	12°20	4°26	3°24	22°43	9°51
W 5	20 52 12	12° 2'07	25° 7	13°54	26°40	1°23	21° 6	2° 1	23°44	5°56	12°20	4°23	3°21	22°49	9°49
T 6	20 56 8	12°59'36	8♁ 4	15°56	27°28	2° 1	21°14	2° 7	23°47	5°55	12°20	4°D21	3°17	22°56	9°46
F 7	21 0 5	13°57'06	20°38	17°57	28°16	2°38	21°22	2°12	23°49	5°54	12°20	4°21	3°14	23° 3	9°44
S 8	21 4 2	14°54'38	2♁53	19°57	29° 3	3°16	21°30	2°18	23°52	5°53	12°20	4°R22	3°11	23° 9	9°41
S 9	21 7 58	15°52'12	14°55	21°55	29°49	3°54	21°39	2°24	23°54	5°52	12°20	4°21	3° 8	23°16	9°38
M10	21 11 55	16°49'46	26°48	23°52	0♁34	4°32	21°47	2°30	23°57	5°51	12°20	4°19	3° 5	23°23	9°36
T 11	21 15 51	17°47'22	8♁37	25°47	1°18	5°10	21°56	2°36	23°59	5°51	12°20	4°14	3° 1	23°30	9°33
W12	21 19 48	18°45'00	20°26	27°41	2° 2	5°48	22° 4	2°42	24° 2	5°50	12°20	4° 7	2°58	23°36	9°31
T 13	21 23 44	19°42'38	2♁17	29°33	2°44	6°26	22°13	2°48	24° 4	5°49	12°R20	3°57	2°55	23°43	9°28
F 14	21 27 41	20°40'18	14°12	1♁24	3°26	7° 4	22°22	2°54	24° 6	5°47	12°20	3°45	2°52	23°50	9°25
S 15	21 31 38	21°38'00	26°14	3°14	4° 7	7°42	22°31	3° 0	24° 9	5°46	12°20	3°32	2°49	23°56	9°22
S 16	21 35 34	22°35'42	8♁23	5° 2	4°46	8°20	22°40	3° 6	24°11	5°45	12°20	3°18	2°46	24° 3	9°20
M17	21 39 31	23°33'26	20°41	6°49	5°25	8°58	22°50	3°12	24°13	5°44	12°20	3° 6	2°42	24°10	9°17
T 18	21 43 27	24°31'11	3♁ 7	8°34	6° 2	9°36	22°59	3°19	24°15	5°43	12°20	2°56	2°39	24°16	9°14
W19	21 47 24	25°28'57	15°45	10°18	6°38	10°14	23° 9	3°25	24°17	5°42	12°20	2°48	2°36	24°23	9°11
T 20	21 51 20	26°26'44	28°35	12° 0	7°13	10°53	23°18	3°31	24°19	5°41	12°20	2°43	2°33	24°30	9° 9
F 21	21 55 17	27°24'33	11♁40	13°41	7°46	11°31	23°28	3°38	24°21	5°40	12°20	2°41	2°30	24°36	9° 6
S 22	21 59 13	28°22'22	25° 3	15°21	8°18	12° 9	23°38	3°44	24°23	5°38	12°19	2°40	2°27	24°43	9° 3
S 23	22 3 10	29°20'13	8♁45	16°59	8°49	12°47	23°47	3°51	24°25	5°37	12°19	2°40	2°23	24°50	9° 0
M24	22 7 6	0♁18'05	22°49	18°36	9°19	13°25	23°57	3°57	24°27	5°36	12°19	2°40	2°20	24°57	8°57
T 25	22 11 3	1°15'59	7♁13	20°12	9°46	14° 4	24° 7	4° 4	24°29	5°34	12°19	2°37	2°17	25° 3	8°54
W26	22 15 0	2°13'53	21°57	21°46	10°13	14°42	24°18	4°10	24°31	5°33	12°19	2°32	2°14	25°10	8°51
T 27	22 18 56	3°11'49	6♁54	23°19	10°37	15°20	24°28	4°17	24°33	5°32	12°18	2°24	2°11	25°17	8°49
F 28	22 22 53	4° 9'47	21°57	24°51	11° 0	15°58	24°38	4°24	24°35	5°30	12°18	2°14	2° 7	25°23	8°46
S 29	22 26 49	5° 7'45	6♁55	26°21	11°21	16°37	24°48	4°31	24°36	5°29	12°18	2° 3	2° 4	25°30	8°43
S 30	22 30 46	6° 5'46	21°40	27°50	11°41	17°15	24°59	4°37	24°38	5°28	12°17	1°52	2° 1	25°37	8°40
M31	22 34 42	7♁ 3'48	6♁Y 3	29♁17	11♁58	17♁53	25♁ 9	4♁44	24♁39	5♁Y26	12♁17	1♁42	1♁58	25♁43	8♁37

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	18n14	7s15	5n 2	20n25	1n36	1n36	1s 9	12n55	1n 6	6s57	1n10	1n25	2n16	23n24	0n 6	1n 2	1s28	0n23	15s53	21s 7	20s53	17n46	2s33	5n42
S 2	17 59	1 54	5 0	19 57	1 39	1 9	1 17	12 41	1 6	7 1	1 10	1 23	2 16	23 24	0 6	1 1	1 28	0 23	15 53	21 5	20 52	17 45	2 34	5 42
M 3	17 43	3n24	4 39	19 27	1 42	0 42	1 24	12 28	1 6	7 4	1 10	1 20	2 15	23 25	0 6	1 1	1 28	0 23	15 53	21 4	20 52	17 43	2 35	5 42
T 4	17 28	8 21	4 2	18 55	1 44	0 15	1 32	12 14	1 5	7 7	1 10	1 18	2 15	23 25	0 6	1 1	1 28	0 23	15 54	21 3	20 51	17 41	2 36	5 42
W 5	17 12	12 43	3 13	18 21	1 46	0s12	1 40	12 0	1 5	7 10	1 9	1 16	2 15	23 25	0 6	1 0	1 28	0 22	15 54	21 2	20 50	17 40	2 36	5 42
T 6	16 56	16 20	2 15	17 45	1 46	0 39	1 48	11 46	1 5	7 13	1 9	1 13	2 15	23 25	0 6	1 0	1 28	0 22	15 54	21 2	20 50	17 38	2 37	5 43
F 7	16 39	19 5	1 12	17 9	1 46	1 5	1 56	11 32	1 4	7 16	1 9	1 11	2 15	23 25	0 6	1 0	1 29	0 22	15 55	21 2	20 49	17 36	2 38	5 43
S 8	16 22	20 53	0 8	16 30	1 45	1 31	2 4	11 19	1 4	7 20	1 9	1 9	2 15	23 25	0 6	0 59	1 29	0 22	15 55	21 2	20 48	17 35	2 39	5 43
S 9	16 5 21	41 0s56	15 51	1 44	1 57	2 13	11 4	1 4	7 23	1 9	1 6	2 15	23 25	0 6	0 59	1 29	0 21	15 55	21 2	20 48	17 33	2 40	5 43	
M10	15 48	21 29	1 56	15 11	1 42	2 23	2 21	10 50	1 3	7 26	1 8	1 4	2 14	23 25	0 6	0 58	1 29	0 21	15 55	21 1	20 47	17 31	2 41	5 43
T 11	15 31	20 20	2 51	14 30	1 40	2 49	2 30	10 36	1 3	7 30	1 8	1 1	2 14	23 26	0 6	0 58	1 29	0 21	15 56	21 0	20 47	17 30	2 42	5 43
W12	15 13	18 18	3 39	13 48	1 37	3 14	2 39	10 22	1 3	7 33	1 8	0 59	2 14	23 26	0 6	0 57	1 29	0 20	15 56	20 59	20 46	17 28	2 42	5 43
T 13	14 55	15 30	4 16	13 5	1 33	3 39	2 48	10 7	1 2	7 37	1 8	0 56	2 14	23 26	0 6	0 57	1 29	0 20	15 56	20 57	20 45	17 26	2 43	5 43
F 14	14 37	12 3	4 43	12 22	1 29	4 4	2 57	9 53	1 2	7 40	1 8	0 54	2 14	23 26	0 6	0 57	1 29	0 20	15 57	20 55	20 45	17 25	2 44	5 43
S 15	14 18	8 6	4 58	11 39	1 25	4 29	3 6	9 39	1 2	7 44	1 7	0 51	2 14	23 26	0 6	0 56	1 29	0 20	15 57	20 52	20 44	17 23	2 45	5 43
S 16	14 0	3 48	4 59	10 55	1 20	4 53	3 15	9 24	1 2	7 47	1 7	0 49	2 14	23 26	0 6	0 56	1 29	0 19	15 57	20 50	20 44	17 21	2 46	5 43
M17	13 41	0s42	4 47	10 10	1 15	5 17	3 24	9 9	1 1	7 51	1 7	0 46	2 14	23 26	0 7	0 55	1 29	0 19	15 58	20 47	20 43	17 20	2 47	5 43
T 18	13 21	5 13	4 20	9 26	1 9	5 40	3 34	8 55	1 1	7 54	1 7	0 43	2 13	23 26	0 7	0 55	1 29	0 19	15 58	20 45	20 42	17 18	2 48	5 43
W19	13 2	9 36	3 41	8 41	1 3	6 3	3 44	8 40	1 1	7 58	1 7	0 41	2 13	23 26	0 7	0 54	1 29	0 18	15 58	20 44	20 42	17 16	2 49	5 43
T 20	12 43	13 37	2 50	7 57	0 57	6 26	3 53	8 25	1 0	8 2	1 6	0 38	2 13	23 27	0 7	0 54	1 29	0 18	15 58	20 43	20 41	17 15	2 50	5 43
F 21	12 23	17 4	1 49	7 12	0 51	6 48	4 3	8 10	1 0	8 6	1 6	0 36	2 13	23 27	0 7	0 53	1 29	0 18	15 59	20 43	20 40	17 13	2 51	5 43
S 22	12 3	19 41	0 40	6 27	0 44	7 10	4 13	7 56	1 0	8 9	1 6	0 33	2 13	23 27	0 7	0 53	1 29	0 17	15 59	20 43	20 40	17 11	2 52	5 43
S 23	11 43	21 15	0n32	5 43	0 37	7 10	4 23	7 41	0 59	8 13	1 6	0 30	2 13	23 27	0 7	0 52	1 29	0 17	15 59	20 43	20 39	17 9	2 53	5 43
M24	11 22	21 31	1 44	4 58	0 30	7 52	4 33	7 26	0 59	8 17	1 6	0 28	2 13	23 27	0 7	0								

SWISS EPHEMERIS for the year 1863

SEPTEMBER 1863

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	22 38 39	8 ^m 1'52	20 ^Y 0	0 ^Ω 43	12 ^Ω 14	18 ^m 32	25 ^Ω 20	4 ^Ω 51	24 ^{II} 41	5°R25	12°R16	1°R35	1 ^Ω 55	25 ^Ω 50	8°R34
W 2	22 42 35	8°59'58	3 ^Ω 28	2° 8	12°28	19°10	25°31	4°58	24°43	5°Y23	12°R16	1°R30	1°52	25°57	8 ^Ω 31
T 3	22 46 32	9°58'05	16°29	3°31	12°39	19°49	25°42	5° 5	24°44	5°22	12°16	1°27	1°48	26° 3	8°28
F 4	22 50 29	10°56'15	29° 5	4°53	12°49	20°27	25°52	5°12	24°45	5°21	12°15	1°D27	1°45	26°10	8°25
S 5	22 54 25	11°54'27	11 ^{II} 22	6°14	12°56	21° 6	26° 3	5°19	24°47	5°19	12°15	1°R27	1°42	26°17	8°22
S 6	22 58 22	12°52'41	23°24	7°33	13° 1	21°44	26°14	5°26	24°48	5°18	12°14	1°27	1°39	26°24	8°19
M 7	23 2 18	13°50'57	5 ^Ω 18	8°50	13° 4	22°23	26°26	5°33	24°49	5°16	12°14	1°25	1°36	26°30	8°17
T 8	23 6 15	14°49'15	17° 7	10° 6	13°R 5	23° 1	26°37	5°40	24°51	5°15	12°13	1°21	1°32	26°37	8°14
W 9	23 10 11	15°47'35	28°57	11°20	13° 3	23°40	26°48	5°47	24°52	5°13	12°13	1°14	1°29	26°44	8°11
T 10	23 14 8	16°45'57	10 ^Ω 52	12°33	12°59	24°19	26°59	5°54	24°53	5°11	12°12	1° 4	1°26	26°50	8° 8
F 11	23 18 4	17°44'21	22°54	13°43	12°53	24°57	27°11	6° 1	24°54	5°10	12°12	0°53	1°23	26°57	8° 5
S 12	23 22 1	18°42'46	5 ^m 5	14°52	12°44	25°36	27°22	6° 8	24°55	5° 8	12°11	0°40	1°20	27° 4	8° 2
S 13	23 25 58	19°41'14	17°26	15°58	12°33	26°15	27°34	6°15	24°56	5° 7	12°10	0°27	1°17	27°10	7°59
M14	23 29 54	20°39'44	29°59	17° 3	12°20	26°54	27°45	6°23	24°57	5° 5	12°10	0°16	1°13	27°17	7°57
T 15	23 33 51	21°38'15	12 ^Ω 42	18° 5	12° 4	27°32	27°57	6°30	24°58	5° 3	12° 9	0° 6	1°10	27°24	7°54
W16	23 37 47	22°36'48	25°37	19° 5	11°46	28°11	28° 9	6°37	24°59	5° 2	12° 8	29 ^m 59	1° 7	27°31	7°51
T 17	23 41 44	23°35'24	8 ^m 43	20° 2	11°26	28°50	28°20	6°44	24°59	5° 0	12° 8	29°54	1° 4	27°37	7°48
F 18	23 45 40	24°34'00	22° 4	20°56	11° 3	29°29	28°32	6°52	25° 0	4°59	12° 7	29°52	1° 1	27°44	7°45
S 19	23 49 37	25°32'39	5 ^Ω 30	21°48	10°38	0 ^Ω 8	28°44	6°59	25° 1	4°57	12° 6	29°D52	0°58	27°51	7°43
S 20	23 53 33	26°31'19	19°13	22°36	10°12	0°47	28°56	7° 6	25° 1	4°55	12° 6	29°53	0°54	27°57	7°40
M21	23 57 30	27°30'01	3 ^Ω 11	23°20	9°43	1°26	29° 8	7°14	25° 2	4°54	12° 5	29°R53	0°51	28° 4	7°37
T 22	0 1 27	28°28'45	17°23	24° 1	9°13	2° 5	29°20	7°21	25° 2	4°52	12° 4	29°51	0°48	28°11	7°35
W23	0 5 23	29°27'30	1 ^Ω 48	24°38	8°41	2°44	29°32	7°28	25° 3	4°50	12° 3	29°47	0°45	28°17	7°32
T 24	0 9 20	0 ^Ω 26'17	16°22	25°10	8° 8	3°23	29°44	7°36	25° 3	4°49	12° 3	29°41	0°42	28°24	7°29
F 25	0 13 16	1°25'06	1 ^Ω 0	25°37	7°33	4° 2	29°57	7°43	25° 4	4°47	12° 2	29°33	0°38	28°31	7°27
S 26	0 17 13	2°23'56	15°36	26° 0	6°58	4°41	0 ^m 9	7°50	25° 4	4°45	12° 1	29°24	0°35	28°38	7°24
S 27	0 21 9	3°22'49	0 ^Y 2	26°16	6°22	5°20	0°21	7°58	25° 4	4°44	12° 0	29°15	0°32	28°44	7°22
M28	0 25 6	4°21'43	14°12	26°27	5°45	5°59	0°33	8° 5	25° 4	4°42	11°59	29° 8	0°29	28°51	7°19
T 29	0 29 2	5°20'39	28° 0	26°R31	5° 8	6°38	0°46	8°12	25° 5	4°40	11°58	29° 2	0°26	28°58	7°17
W30	0 32 59	6 ^Ω 19'38	11 ^Ω 24	26 ^Ω 29	4 ^Ω 31	7 ^Ω 17	0 ^m 58	8 ^Ω 20	25 ^{II} 5	4 ^Y 39	11 ^Ω 57	28 ^m 58	0 ^Ω 23	29 ^Ω 4	7 ^Ω 14

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	8n34	10n55	3n20	0s48	0s33	10s16	5s55	5n24	0n56	8s48	1n 4	0n 6	2n12	23n28	0n 7									
W 2	8 12 14 54	2 22 1	29 0 41	10 31 6	5 9 0 56	8 53 1	4 0 3 2	12 23 28	0 7 0 46	1 30 0	13 16 2	20 29 20 33	16 52 3	4 5 43										
T 3	7 50 18 2	1 18 2	10 0 50	10 45 6	15 4 53	0 55 8	57 1 4	0 0 2	12 23 28	0 7 0 46	1 30 0	13 16 3	20 28 20 32	16 51 3	6 5 43									
F 4	7 28 20 10	0 13 2	50 0 58	10 58 6	25 4 38	0 55 9	1 4 0	3 2	12 23 28	0 7 0 45	1 30 0	13 16 3	20 28 20 32	16 49 3	7 5 43									
S 5	7 6 21 18	0s52	3 30 1	7 11 10	6 35 4	22 0 55	9 5 1	4 0 6	2 12 23 28	0 7 0 45	1 30 0	12 16 3	20 28 20 31	16 47 3	8 5 43									
S 6	6 44 21 24	1 54 4	9 1 15	11 21 6	44 4 7	0 54 9	9 1 4	0 8 2	12 23 28	0 7 0 44	1 30 0	12 16 3	20 28 20 30	16 45 3	9 5 43									
M 7	6 21 20 32	2 49 4	48 1 24	11 31 6	54 3 51	0 54 9	13 1 3	0 11 2	12 23 28	0 7 0 43	1 30 0	11 16 4	20 27 20 30	16 44 3	10 5 43									
T 8	5 59 18 46	3 37 5	25 1 33	11 40 7	3 35 0	54 9 17	1 3 0	14 2	12 23 28	0 7 0 43	1 30 0	11 16 4	20 27 20 29	16 42 3	11 5 43									
W 9	5 36 16 13	4 15 6	2 1 41	11 47 7	12 3 20	0 53 9	21 1 3	0 17 2	12 23 28	0 7 0 42	1 30 0	11 16 4	20 25 20 28	16 40 3	13 5 42									
T 10	5 14 12 59	4 43 6	38 1 49	11 54 7	21 3 4	0 53 9	26 1 3	0 20 2	12 23 28	0 7 0 41	1 30 0	10 16 4	20 23 20 28	16 38 3	14 5 42									
F 11	4 51 9 11	4 58 7	14 1 58	11 59 7	30 2 48	0 52 9	30 1 3	0 23 2	12 23 28	0 7 0 41	1 30 0	10 16 5	20 21 20 27	16 37 3	15 5 42									
S 12	4 28 5 0	5 0 7	48 2 6	12 3 7	38 2 33	0 52 9	34 1 3	0 26 2	12 23 28	0 7 0 40	1 30 0	9 16 5	20 18 20 26	16 35 3	16 5 42									
S 13	4 5 0 32	4 48 8	21 2 14	12 6 7	46 2 17	0 52 9	38 1 3	0 28 2	12 23 28	0 7 0 40	1 30 0	9 16 5	20 16 20 26	16 33 3	17 5 42									
M14	3 42 4s 0	4 22 8	53 2 22	12 8 7	53 2 1	0 51 9	43 1 2	0 31 2	11 23 28	0 7 0 39	1 30 0	9 16 5	20 13 20 25	16 31 3	18 5 42									
T 15	3 19 8 26	3 43 9	25 2 30	12 8 8	0 1 45	0 51 9	47 1 2	0 34 2	11 23 29	0 7 0 38	1 30 0	8 16 6	20 11 20 25	16 30 3	20 5 42									
W16	2 56 12 34	2 51 9	55 2 38	12 6 8	6 1 30	0 51 9	51 1 2	0 37 2	11 23 29	0 7 0 38	1 30 0	8 16 6	20 10 20 24	16 28 3	21 5 42									
T 17	2 33 16 9	1 50 10	23 2 45	12 3 8	12 1 14	0 50 9	55 1 2	0 40 2	11 23 29	0 7 0 37	1 30 0	7 16 6	20 9 20 23	16 26 3	22 5 41									
F 18	2 10 18 57	0 42 10	50 2 53	11 59 8	17 0 58	0 50 10	0 1 2	0 43 2	11 23 29	0 7 0 36	1 30 0	7 16 6	20 8 20 23	16 24 3	23 5 41									
S 19	1 46 20 45	0n30	11 16 3	0 11 53	8 21 0	42 0 49	10 4 1	2 0 46 2	11 23 29	0 7 0 36	1 30 0	6 16 7	20 8 20 22	16 23 3	24 5 41									
S 20	1 23 21 20	1 41 11	40 3 6	11 46 8	25 0 26	0 49 10	8 1 2	0 49 2	11 23 29	0 7 0 35	1 30 0	6 16 7	20 8 20 21	16 21 3	25 5 41									
M21	1 0 20 37	2 48 12	3 12	11 37 8	28 0 10	0 49 10	13 1 2	0 52 2	11 23 29	0 7 0 34	1 30 0	6 16 7	20 8 20 21	16 19 3	26 5 41									
T 22	0 36 18 36	3 45 12	23 3 18	11 27 8	30 0s 5	0 48 10	17 1 1	0 54 2	11 23 29	0 7 0 34	1 30 0	5 16 7	20 8 20 20	16 17 3	28 5 41									
W23	0 13 15 24	4 29 12	42 3 23	11 16 8	31 0 21	0 48 10	22 1 1	0 57 2	11 23 29	0 7 0 33	1 30 0	5 16 7	20 7 20 19	16 16 3	29 5 40									
T 24	0s10 11 13	4 57 12	58 3 28	11 3 8	31 0 37	0 47 10	26 1 1	1 0 2	11 23 29	0 7 0 32	1 30 0	4 16 8	20 6 20 19	16 14 3	30 5 40									
F 25	0 34 6 22	5 5 13	12 3 32	10 49 8	31 0 53	0 47 10	30 1 1	1 3 2	11 23 29	0 7 0 32	1 30 0	4 16 8	20 4 20 18	16 12 3	31 5 40									
S 26	0 57 1 11	4 53 13	24 3 36	10 33 8	29 1 9	0 47 10	35 1 1	1 6 2	11 23 29	0 7 0 31	1 30 0	3 16 8	20 2 20 17	16 10 3	32 5 40									
S 27	1 21 4n 1	4 22 13	32 3 39	10 17 8	27 1 25	0 46 10	39 1 1	1 9 2	11 23 29	0 7 0 30	1 30 0	3 16 8	20 0 20 17	16 8 3	33 5 40									
M28	1 44 8 55	3 36 13	38 3 40	9 59 8	23 1 41	0 46 10	44 1 1	1 12 2	11 23 29	0 7 0 30	1 30 0	3 16 8	19 59 20 16	16 7 3	34 5 39									
T 29	2 7 13 14	2 38 13	40 3 41	9 40 8	19 1 57	0 45 10	48 1 1	1 15 2	11 23 29	0 7 0 29	1 30 0	2 16 9	19 57 20 15	16 5 3	36 5 39									
W30	2s31	16n44	1n33	13s39	3s41	9s21	8s14	2s12	0n45	10s52	1n 1	1s18	2n11	23n29	0n 7	0n28	1s30	0n 2	16s 9	19s57	20s15	16n 3	3s37	5n39

Julian Day Number = 2401749.5, Delta T = 6.42 sec
 Ecliptic obliquity = 23°27'21", Nutation = 0°00'16"
 Ayanamsha: Fagan/Bradley = 22°50'12", Lahiri = 21°57'12"

SWISS EPHEMERIS for the year 1863

OCTOBER 1863

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	0 36 55	7♁18'39	24♃25	26°R19	3°R54	7♁57	1♃11	8♁27	25°R 5	4°R37	11°R57	28°D56	0♁19	29♁11	7°R12
F 2	0 40 52	8°17'42	7♂ 2	26♁ 1	3♁18	8°36	1°23	8°35	25♂ 5	4°V35	11♁56	28♂57	0°16	29°18	7♂10
S 3	0 44 49	9°16'48	19°22	25°36	2°43	9°15	1°36	8°42	25° 5	4°34	11°55	28°58	0°13	29°24	7° 7
S 4	0 48 45	10°15'55	1♁26	25° 3	2° 8	9°55	1°48	8°49	25° 4	4°32	11°54	28°59	0°10	29°31	7° 5
M 5	0 52 42	11°15'06	13°22	24°23	1°35	10°34	2° 1	8°57	25° 4	4°30	11°53	28°R59	0° 7	29°38	7° 3
T 6	0 56 38	12°14'18	25°13	23°34	1° 3	11°13	2°14	9° 4	25° 4	4°29	11°52	28°58	0° 3	29°45	7° 0
W 7	1 0 35	13°13'33	7♁ 5	22°39	0°32	11°53	2°26	9°12	25° 4	4°27	11°51	28°55	0° 0	29°51	6°58
T 8	1 4 31	14°12'50	19° 2	21°38	0° 3	12°32	2°39	9°19	25° 3	4°25	11°50	28°50	29♂57	29°58	6°56
F 9	1 8 28	15°12'09	1♂ 8	20°31	29♂37	13°12	2°52	9°26	25° 3	4°24	11°49	28°44	29°54	0♁ 5	6°54
S 10	1 12 24	16°11'30	13°27	19°21	29°12	13°51	3° 5	9°34	25° 3	4°22	11°48	28°36	29°51	0°11	6°52
S 11	1 16 21	17°10'54	26° 0	18° 9	28°49	14°31	3°18	9°41	25° 2	4°21	11°47	28°28	29°48	0°18	6°50
M12	1 20 18	18°10'19	8♁48	16°57	28°29	15°10	3°30	9°48	25° 2	4°19	11°46	28°21	29°44	0°25	6°48
T 13	1 24 14	19° 9'47	21°51	15°47	28°10	15°50	3°43	9°56	25° 1	4°17	11°45	28°15	29°41	0°31	6°46
W14	1 28 11	20° 9'17	5♂ 7	14°42	27°55	16°30	3°56	10° 3	25° 0	4°16	11°44	28°11	29°38	0°38	6°44
T 15	1 32 7	21° 8'49	18°37	13°42	27°41	17° 9	4° 9	10°10	25° 0	4°14	11°43	28° 9	29°35	0°45	6°42
F 16	1 36 4	22° 8'23	2♁17	12°51	27°30	17°49	4°22	10°18	24°59	4°13	11°42	28°D 9	29°32	0°52	6°40
S 17	1 40 0	23° 7'59	16° 6	12° 8	27°21	18°29	4°35	10°25	24°58	4°11	11°41	28°10	29°29	0°58	6°39
S 18	1 43 57	24° 7'36	0♁ 3	11°36	27°15	19° 9	4°48	10°32	24°57	4° 9	11°40	28°11	29°25	1° 5	6°37
M19	1 47 53	25° 7'16	14° 7	11°15	27°12	19°49	5° 1	10°39	24°56	4° 8	11°39	28°13	29°22	1°12	6°35
T 20	1 51 50	26° 6'57	28°16	11°D 5	27°D10	20°28	5°14	10°47	24°55	4° 6	11°38	28°R13	29°19	1°18	6°34
W21	1 55 47	27° 6'39	12♁28	11° 6	27°11	21° 8	5°27	10°54	24°54	4° 5	11°37	28°12	29°16	1°25	6°32
T 22	1 59 43	28° 6'23	26°42	11°18	27°15	21°48	5°40	11° 1	24°53	4° 3	11°35	28°10	29°13	1°32	6°31
F 23	2 3 40	29° 6'09	10♁55	11°41	27°21	22°28	5°53	11° 8	24°52	4° 2	11°34	28° 6	29° 9	1°39	6°29
S 24	2 7 36	0♂ 5'57	25° 2	12°13	27°29	23° 8	6° 6	11°15	24°51	4° 0	11°33	28° 2	29° 6	1°45	6°28
S 25	2 11 33	1° 5'46	9°V 0	12°54	27°39	23°48	6°19	11°23	24°50	3°59	11°32	27°58	29° 3	1°52	6°26
M26	2 15 29	2° 5'38	22°45	13°44	27°51	24°28	6°33	11°30	24°49	3°58	11°31	27°54	29° 0	1°59	6°25
T 27	2 19 26	3° 5'31	6♁13	14°40	28° 6	25° 8	6°46	11°37	24°48	3°56	11°30	27°52	28°57	2° 5	6°24
W28	2 23 22	4° 5'26	19°24	15°44	28°23	25°49	6°59	11°44	24°46	3°55	11°29	27°50	28°54	2°12	6°23
T 29	2 27 19	5° 5'23	2♂16	16°52	28°41	26°29	7°12	11°51	24°45	3°53	11°28	27°D50	28°50	2°19	6°22
F 30	2 31 16	6° 5'22	14°51	18° 6	29° 2	27° 9	7°25	11°58	24°43	3°52	11°27	27°51	28°47	2°25	6°20
S 31	2 35 12	7♂ 5'24	27♂ 9	19♁24	29♂24	27♁49	7♂38	12♁ 5	24♂42	3°V51	11♁25	27♂52	28♂44	2♁32	6♂19

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	2s54	19n17	0n24	13s34	3s39	9s 1	8s 8	2s28	0n44	10s57	1n 0	1s21	2n11	23n29	0n 7
F 2	3 18	20 47	0s44	13 24	3 36	8 40	8 1	2 44	0 44	11 1	1 0	1 23	2 11	23 29	0 7
S 3	3 41	21 14	1 48	13 11	3 31	8 18	7 53	3 0	0 44	11 6	1 0	1 26	2 11	23 29	0 7
S 4	4 4	20 41	2 46	12 53	3 25	7 57	7 44	3 16	0 43	11 10	1 0	1 29	2 11	23 29	0 7
M 5	4 27	19 12	3 36	12 31	3 17	7 35	7 35	3 32	0 43	11 15	1 0	1 32	2 11	23 29	0 7
T 6	4 50	16 54	4 17	12 4	3 7	7 13	7 25	3 48	0 42	11 19	1 0	1 35	2 12	23 29	0 7
W 7	5 14	13 53	4 47	11 32	2 56	6 51	7 14	4 3	0 42	11 23	1 0	1 38	2 12	23 29	0 7
T 8	5 37	10 18	5 4	10 57	2 42	6 29	7 3	4 19	0 41	11 28	1 0	1 41	2 12	23 29	0 7
F 9	5 59	6 16	5 8	10 17	2 27	6 8	6 51	4 35	0 41	11 32	1 0	1 44	2 12	23 29	0 7
S 10	6 22	1 55	4 58	9 35	2 10	5 47	6 39	4 51	0 41	11 37	1 0	1 46	2 12	23 29	0 7
S 11	6 45	2s36	4 34	8 50	1 52	5 26	6 26	5 7	0 40	11 41	1 0	1 49	2 12	23 29	0 7
M12	7 8	7 6	3 56	8 5	1 32	5 6	6 13	5 22	0 40	11 46	1 0	1 52	2 12	23 29	0 7
T 13	7 30	11 22	3 4	7 19	1 12	4 47	6 0	5 38	0 39	11 50	0 59	1 55	2 12	23 29	0 7
W14	7 53	15 9	2 2	6 35	0 51	4 28	5 47	5 54	0 39	11 54	0 59	1 58	2 12	23 29	0 7
T 15	8 15	18 12	0 52	5 53	0 31	4 10	5 33	6 9	0 38	11 59	0 59	2 1	2 12	23 29	0 7
F 16	8 38	20 16	0n23	5 14	0 10	3 53	5 19	6 25	0 38	12 3	0 59	2 3	2 12	23 29	0 7
S 17	9 0	21 8	1 36	4 40	0n 9	3 37	5 5	6 40	0 37	12 8	0 59	2 6	2 12	23 29	0 7
S 18	9 22	20 42	2 45	4 10	0 27	3 22	4 51	6 56	0 37	12 12	0 59	2 9	2 12	23 29	0 7
M19	9 44	18 59	3 45	3 46	0 44	3 8	4 37	7 11	0 37	12 17	0 59	2 12	2 12	23 29	0 7
T 20	10 5	16 6	4 31	3 28	1 0	2 54	4 24	7 27	0 36	12 21	0 59	2 14	2 12	23 29	0 8
W21	10 27	12 15	5 1	3 16	1 14	2 42	4 10	7 42	0 36	12 25	0 59	2 17	2 12	23 29	0 8
T 22	10 48	7 43	5 13	3 9	1 26	2 31	3 56	7 58	0 35	12 30	0 59	2 20	2 12	23 29	0 8
F 23	11 10	2 46	5 5	3 8	1 37	2 21	3 42	8 13	0 35	12 34	0 59	2 23	2 13	23 29	0 8
S 24	11 31	2n17	4 39	3 13	1 46	2 12	3 29	8 28	0 34	12 39	0 59	2 25	2 13	23 29	0 8
S 25	11 52	7 11	3 57	3 22	1 53	2 3	3 16	8 43	0 34	12 43	0 59	2 28	2 13	23 29	0 8
M26	12 13	11 39	3 1	3 36	1 59	1 56	3 3	8 59	0 33	12 47	0 59	2 31	2 13	23 29	0 8
T 27	12 33	15 26	1 56	3 54	2 3	1 50	2 50	9 14	0 33	12 52	0 59	2 33	2 13	23 29	0 8
W28	12 53	18 20	0 46	4 15	2 6	1 45	2 37	9 29	0 32	12 56	0 59	2 36	2 13	23 29	0 8
T 29	13 14	20 14	0s24	4 39	2 8	1 41	2 25	9 44	0 32	13 0	0 58	2 39	2 13	23 29	0 8
F 30	13 34	21 4	1 32	5 7	2 9	1 38	2 13	9 59	0 31	13 5	0 58	2 41	2 13	23 29	0 8
S 31	13s53	20n51	2s35	5s36	2n 9	1s36	2s 1	10s14	0n31	13s 9	0n58	2s44	2n13	23n29	0n 8

Julian Day Number = 2401779.5, Delta T = 6.38 sec
 Ecliptic obliquity = 23°27'21, Nutation = 0°00'14
 Ayanamsha: Fagan/Bradley = 22°50'16, Lahiri = 21°57'16

SWISS EPHEMERIS for the year 1863

NOVEMBER 1863

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	2 39 9	8♌ 5°27	9♌14	20♌45	29♍49	28♌29	7♌51	12♌12	24°R40	3°R49	11°R24	27♌54	28♌41	2♌39	6°R18		
M 2	2 43 5	9° 5'33	21°11	22° 9	0♌15	29°10	8° 5	12°18	24II39	3°Y48	11°R23	27°55	28°38	2°46	6°R18		
T 3	2 47 2	10° 5'40	3♌ 3	23°36	0°43	29°50	8°18	12°25	24°37	3°47	11°22	27°56	28°35	2°52	6°17		
W 4	2 50 58	11° 5'50	14°55	25° 5	1°12	0♌30	8°31	12°32	24°36	3°46	11°21	27°R56	28°31	2°59	6°16		
T 5	2 54 55	12° 6'02	26°53	26°36	1°43	1°11	8°44	12°39	24°34	3°44	11°20	27°56	28°28	3° 6	6°15		
F 6	2 58 51	13° 6'15	9♍ 0	28° 8	2°16	1°51	8°57	12°46	24°32	3°43	11°19	27°54	28°25	3°12	6°14		
S 7	3 2 48	14° 6'31	21°21	29°41	2°50	2°32	9°10	12°52	24°31	3°42	11°18	27°53	28°22	3°19	6°14		
S 8	3 6 44	15° 6'49	4♌ 0	1♌15	3°25	3°12	9°23	12°59	24°29	3°41	11°16	27°51	28°19	3°26	6°13		
M 9	3 10 41	16° 7'08	16°57	2°50	4° 2	3°53	9°37	13° 6	24°27	3°40	11°15	27°49	28°15	3°33	6°13		
T 10	3 14 38	17° 7'30	0♌15	4°25	4°40	4°34	9°50	13°12	24°25	3°38	11°14	27°48	28°12	3°39	6°12		
W 11	3 18 34	18° 7'53	13°52	6° 1	5°19	5°14	10° 3	13°19	24°23	3°37	11°13	27°47	28° 9	3°46	6°12		
T 12	3 22 31	19° 8'18	27°46	7°37	6° 0	5°55	10°16	13°25	24°21	3°36	11°12	27°D46	28° 6	3°53	6°12		
F 13	3 26 27	20° 8'45	11♌54	9°13	6°42	6°36	10°29	13°32	24°19	3°35	11°11	27°47	28° 3	3°59	6°11		
S 14	3 30 24	21° 9'13	26°12	10°49	7°24	7°16	10°42	13°38	24°17	3°34	11°10	27°47	28° 0	4° 6	6°11		
S 15	3 34 20	22° 9'43	10♌35	12°25	8° 8	7°57	10°55	13°44	24°15	3°33	11° 9	27°48	27°56	4°13	6°11		
M 16	3 38 17	23°10'14	24°57	14° 1	8°53	8°38	11° 8	13°51	24°13	3°32	11° 8	27°48	27°53	4°20	6°11		
T 17	3 42 14	24°10'47	9♌17	15°37	9°39	9°19	11°21	13°57	24°11	3°31	11° 6	27°49	27°50	4°26	6°D11		
W 18	3 46 10	25°11'20	23°30	17°13	10°26	10° 0	11°34	14° 3	24° 9	3°31	11° 5	27°R49	27°47	4°33	6°11		
T 19	3 50 7	26°11'55	7♌34	18°49	11°14	10°41	11°47	14° 9	24° 7	3°30	11° 4	27°49	27°44	4°40	6°11		
F 20	3 54 3	27°12'30	21°28	20°24	12° 2	11°22	12° 0	14°15	24° 5	3°29	11° 3	27°49	27°41	4°46	6°11		
S 21	3 58 0	28°13'07	5°V10	22° 0	12°52	12° 3	12°13	14°21	24° 2	3°28	11° 2	27°D49	27°37	4°53	6°11		
S 22	4 1 56	29°13'46	18°40	23°35	13°42	12°44	12°26	14°27	24° 0	3°27	11° 1	27°49	27°34	5° 0	6°12		
M 23	4 5 53	0♌14'25	1♌58	25°11	14°33	13°25	12°39	14°33	23°58	3°27	11° 0	27°49	27°31	5° 7	6°12		
T 24	4 9 49	1°15'06	15° 2	26°46	15°25	14° 6	12°52	14°39	23°56	3°26	10°59	27°49	27°28	5°13	6°12		
W 25	4 13 46	2°15'48	27°52	28°21	16°18	14°47	13° 4	14°45	23°53	3°25	10°58	27°R49	27°25	5°20	6°13		
T 26	4 17 43	3°16'31	10II30	29°55	17°11	15°28	13°17	14°51	23°51	3°24	10°57	27°49	27°21	5°27	6°13		
F 27	4 21 39	4°17'16	22°54	1♌30	18° 5	16° 9	13°30	14°56	23°49	3°24	10°56	27°49	27°18	5°33	6°14		
S 28	4 25 36	5°18'02	5♌ 7	3° 5	19° 0	16°51	13°43	15° 2	23°46	3°23	10°55	27°48	27°15	5°40	6°14		
S 29	4 29 32	6°18'49	17°10	4°39	19°55	17°32	13°55	15° 8	23°44	3°23	10°54	27°47	27°12	5°47	6°15		
M 30	4 33 29	7♌19'38	29♌ 6	6♌14	20♌51	18♌13	14♌ 8	15♌13	23II41	3°Y22	10♌53	27♌45	27♌ 9	5♌54	6♌16		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s13	19n40	3s29	6s 8	2n 8	1s35	1s49	10s28	0n30	13s13	0n58	2s46	2n13	23n29	0n 8	0n 9	1s30
M 2	14 32	17 37	4 13	6 41	2 6	1 35	1 37	10 43	0 30	13 17	0 58	2 49	2 14	23 29	0 8	0 8	1 30
T 3	14 51	14 50	4 47	7 15	2 4	1 36	1 26	10 58	0 29	13 22	0 58	2 52	2 14	23 28	0 8	0 8	1 30
W 4	15 10	11 27	5 8	7 51	2 1	1 38	1 15	11 12	0 29	13 26	0 58	2 54	2 14	23 28	0 8	0 7	1 30
T 5	15 29	7 36	5 16	8 27	1 57	1 40	1 5	11 27	0 28	13 30	0 58	2 57	2 14	23 28	0 8	0 7	1 30
F 6	15 47	3 24	5 10	9 4	1 53	1 44	0 54	11 42	0 28	13 34	0 58	2 59	2 14	23 28	0 8	0 7	1 30
S 7	16 5	1s 1	4 50	9 41	1 48	1 48	0 44	11 56	0 27	13 39	0 58	3 2	2 14	23 28	0 8	0 6	1 30
S 8	16 23	5 30	4 16	10 18	1 43	1 53	0 34	12 10	0 27	13 43	0 58	3 4	2 14	23 28	0 8	0 6	1 29
M 9	16 40	9 51	3 27	10 56	1 38	1 59	0 25	12 25	0 26	13 47	0 58	3 7	2 14	23 28	0 8	0 5	1 29
T 10	16 58	13 51	2 27	11 33	1 32	2 6	0 15	12 39	0 26	13 51	0 58	3 9	2 15	23 28	0 8	0 5	1 29
W 11	17 15	17 14	1 16	12 11	1 26	2 13	0 6	12 53	0 25	13 55	0 58	3 11	2 15	23 28	0 8	0 4	1 29
T 12	17 31	19 41	0 0	12 48	1 20	2 21	0n 2	13 7	0 25	13 59	0 58	3 14	2 15	23 28	0 8	0 4	1 29
F 13	17 48	20 57	1n18	13 24	1 14	2 29	0 11	13 21	0 24	14 3	0 58	3 16	2 15	23 28	0 8	0 4	1 29
S 14	18 4	20 53	2 31	14 1	1 7	2 39	0 19	13 35	0 24	14 8	0 58	3 18	2 15	23 28	0 8	0 3	1 29
S 15	18 19	19 27	3 36	14 36	1 1	2 49	0 27	13 48	0 23	14 12	0 58	3 21	2 15	23 28	0 8	0 3	1 29
M 16	18 35	16 47	4 27	15 12	0 54	2 59	0 35	14 2	0 23	14 16	0 58	3 23	2 15	23 28	0 8	0 3	1 29
T 17	18 50	13 6	5 1	15 46	0 47	3 10	0 43	14 15	0 22	14 20	0 58	3 25	2 16	23 28	0 8	0 2	1 29
W 18	19 4	8 43	5 16	16 20	0 41	3 22	0 50	14 29	0 22	14 24	0 58	3 28	2 16	23 27	0 8	0 2	1 29
T 19	19 19	3 54	5 13	16 53	0 34	3 34	0 57	14 42	0 21	14 28	0 58	3 30	2 16	23 27	0 8	0 2	1 29
F 20	19 33	1n 4	4 51	17 26	0 27	3 47	1 4	14 56	0 20	14 32	0 58	3 32	2 16	23 27	0 8	0 1	1 29
S 21	19 47	5 55	4 12	17 57	0 20	4 0	1 10	15 9	0 20	14 36	0 58	3 34	2 16	23 27	0 8	0 1	1 29
S 22	20 0	10 25	3 21	18 28	0 13	4 14	1 17	15 22	0 19	14 40	0 58	3 36	2 16	23 27	0 8	0 1	1 29
M 23	20 13	14 20	2 19	18 58	0 6	4 28	1 23	15 35	0 19	14 43	0 58	3 38	2 17	23 27	0 8	0 0	1 29
T 24	20 25	17 29	1 10	19 27	0s 1	4 43	1 29	15 47	0 18	14 47	0 58	3 41	2 17	23 27	0 8	0 0	1 29
W 25	20 38	19 42	0s 0	19 55	0 7	4 58	1 34	16 0	0 18	14 51	0 58	3 43	2 17	23 27	0 8	0 0	1 29
T 26	20 50	20 53	1 10	20 23	0 14	5 13	1 40	16 13	0 17	14 55	0 58	3 45	2 17	23 27	0 8	0s 0	1 29
F 27	21 1	21 1	2 15	20 49	0 21	5 29	1 45	16 25	0 17	14 59	0 58	3 47	2 17	23 27	0 8	0 0	1 29
S 28	21 12	20 9	3 12	21 14	0 27	5 45	1 50	16 37	0 16	15 3	0 58	3 49	2 18	23 27	0 8	0 1	1 29
S 29	21 23	18 22	4 1	21 38	0 34	6 2	1 55	16 50	0 15	15 6	0 58	3 51	2 18	23 26	0 8	0 1	1 29
M 30	21s33	15n49	4s38	22s 1	0s40	6s18	1n59	17s 2	0n15	15s10	0n58	3s52	2n18	23n26	0n 8	0s 1	1s29

Julian Day Number = 2401810.5, Delta T = 6.33 sec
 Ecliptic obliquity = 23°27'20, Nutation = 0°00'14
 Ayanamsha: Fagan/Bradley = 22°50'20, Lahiri = 21°57'20

SWISS EPHEMERIS for the year 1863

DECEMBER 1863

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	4 37 25	8 ^h 20'28"	10 ^h Ω58	7 ^h 48'	21 ^h Ω48	18 ^h ♁55	14 ^h ♁21	15 ^h Ω18	23 ^h R39	3 ^h R22	10 ^h R52	27 ^h R44	27 ^h ♁6	6 ^h Ω0	6 ^h ♁17
W 2	4 41 22	9 ^h 21'19"	22 ^h 49	9 ^h 22	22 ^h 45	19 ^h 36	14 ^h 33	15 ^h 24	23 ^h II37	3 ^h Υ21	10 ^h Ω51	27 ^h ♁43	27 ^h 2	6 ^h 7	6 ^h 17
T 3	4 45 18	10 ^h 22'12"	4 ^h ♁45	10 ^h 56	23 ^h 43	20 ^h 17	14 ^h 46	15 ^h 29	23 ^h 34	3 ^h 21	10 ^h 50	27 ^h 42	26 ^h 59	6 ^h 14	6 ^h 18
F 4	4 49 15	11 ^h 23'06"	16 ^h 50	12 ^h 31	24 ^h 41	20 ^h 59	14 ^h 58	15 ^h 34	23 ^h 32	3 ^h 20	10 ^h 49	27 ^h D42	26 ^h 56	6 ^h 20	6 ^h 19
S 5	4 53 12	12 ^h 24'01"	29 ^h 8	14 ^h 5	25 ^h 40	21 ^h 40	15 ^h 11	15 ^h 39	23 ^h 29	3 ^h 20	10 ^h 48	27 ^h 43	26 ^h 53	6 ^h 27	6 ^h 20
S 6	4 57 8	13 ^h 24'58"	11 ^h Ω44	15 ^h 39	26 ^h 39	22 ^h 22	15 ^h 23	15 ^h 44	23 ^h 27	3 ^h 20	10 ^h 47	27 ^h 44	26 ^h 50	6 ^h 34	6 ^h 22
M 7	5 1 5	14 ^h 25'56"	24 ^h 41	17 ^h 13	27 ^h 39	23 ^h 4	15 ^h 35	15 ^h 49	23 ^h 24	3 ^h 19	10 ^h 46	27 ^h 45	26 ^h 46	6 ^h 41	6 ^h 23
T 8	5 5 1	15 ^h 26'55"	8 ^h ♁3	18 ^h 47	28 ^h 39	23 ^h 45	15 ^h 48	15 ^h 54	23 ^h 22	3 ^h 19	10 ^h 45	27 ^h 47	26 ^h 43	6 ^h 47	6 ^h 24
W 9	5 8 58	16 ^h 27'55"	21 ^h 50	20 ^h 22	29 ^h 40	24 ^h 27	16 ^h 0	15 ^h 59	23 ^h 19	3 ^h 19	10 ^h 44	27 ^h R47	26 ^h 40	6 ^h 54	6 ^h 25
T 10	5 12 54	17 ^h 28'57"	6 ^h ♁1	21 ^h 56	0 ^h ♁41	25 ^h 9	16 ^h 12	16 ^h 4	23 ^h 16	3 ^h 19	10 ^h 43	27 ^h 47	26 ^h 37	7 ^h 1	6 ^h 26
F 11	5 16 51	18 ^h 29'59"	20 ^h 33	23 ^h 31	1 ^h 42	25 ^h 50	16 ^h 24	16 ^h 9	23 ^h 14	3 ^h 19	10 ^h 43	27 ^h 46	26 ^h 34	7 ^h 7	6 ^h 28
S 12	5 20 47	19 ^h 31'02"	5 ^h ♁18	25 ^h 5	2 ^h 44	26 ^h 32	16 ^h 36	16 ^h 13	23 ^h 11	3 ^h 18	10 ^h 42	27 ^h 44	26 ^h 31	7 ^h 14	6 ^h 29
S 13	5 24 44	20 ^h 32'06"	20 ^h 10	26 ^h 40	3 ^h 46	27 ^h 14	16 ^h 48	16 ^h 18	23 ^h 9	3 ^h 18	10 ^h 41	27 ^h 41	26 ^h 27	7 ^h 21	6 ^h 31
M14	5 28 41	21 ^h 33'10"	5 ^h ♁1	28 ^h 14	4 ^h 49	27 ^h 56	17 ^h 0	16 ^h 22	23 ^h 6	3 ^h 18	10 ^h 40	27 ^h 37	26 ^h 24	7 ^h 28	6 ^h 32
T 15	5 32 37	22 ^h 34'15"	19 ^h 43	29 ^h 49	5 ^h 52	28 ^h 38	17 ^h 12	16 ^h 27	23 ^h 4	3 ^h D18	10 ^h 39	27 ^h 34	26 ^h 21	7 ^h 34	6 ^h 34
W16	5 36 34	23 ^h 35'20"	4 ^h ♁9	1 ^h ♁24	6 ^h 55	29 ^h 20	17 ^h 24	16 ^h 31	23 ^h 1	3 ^h 18	10 ^h 38	27 ^h 32	26 ^h 18	7 ^h 41	6 ^h 36
T 17	5 40 30	24 ^h 36'25"	18 ^h 18	2 ^h 59	7 ^h 59	0 ^h ♁2	17 ^h 36	16 ^h 35	22 ^h 58	3 ^h 18	10 ^h 38	27 ^h D31	26 ^h 15	7 ^h 48	6 ^h 37
F 18	5 44 27	25 ^h 37'31"	2 ^h Υ6	4 ^h 34	9 ^h 3	0 ^h 44	17 ^h 48	16 ^h 39	22 ^h 56	3 ^h 18	10 ^h 37	27 ^h 31	26 ^h 12	7 ^h 54	6 ^h 39
S 19	5 48 23	26 ^h 38'37"	15 ^h 36	6 ^h 9	10 ^h 7	1 ^h 26	17 ^h 59	16 ^h 43	22 ^h 53	3 ^h 18	10 ^h 36	27 ^h 32	26 ^h 8	8 ^h 1	6 ^h 41
S 20	5 52 20	27 ^h 39'43"	28 ^h 47	7 ^h 44	11 ^h 12	2 ^h 8	18 ^h 11	16 ^h 47	22 ^h 51	3 ^h 19	10 ^h 35	27 ^h 33	26 ^h 5	8 ^h 8	6 ^h 43
M21	5 56 16	28 ^h 40'49"	11 ^h ♁43	9 ^h 20	12 ^h 16	2 ^h 50	18 ^h 22	16 ^h 51	22 ^h 48	3 ^h 19	10 ^h 35	27 ^h 35	26 ^h 2	8 ^h 15	6 ^h 45
T 22	6 0 13	29 ^h 41'56"	24 ^h 24	10 ^h 55	13 ^h 22	3 ^h 32	18 ^h 34	16 ^h 55	22 ^h 46	3 ^h 19	10 ^h 34	27 ^h R36	25 ^h 59	8 ^h 21	6 ^h 47
W23	6 4 10	0 ^h ♁3'03"	6 ^h II55	12 ^h 30	14 ^h 27	4 ^h 14	18 ^h 45	16 ^h 58	22 ^h 43	3 ^h 19	10 ^h 33	27 ^h 36	25 ^h 56	8 ^h 28	6 ^h 49
T 24	6 8 6	1 ^h 44'10"	19 ^h 15	14 ^h 5	15 ^h 33	4 ^h 57	18 ^h 57	17 ^h 2	22 ^h 41	3 ^h 20	10 ^h 33	27 ^h 34	25 ^h 52	8 ^h 35	6 ^h 51
F 25	6 12 3	2 ^h 45'17"	1 ^h ♁26	15 ^h 40	16 ^h 39	5 ^h 39	19 ^h 8	17 ^h 5	22 ^h 38	3 ^h 20	10 ^h 32	27 ^h 30	25 ^h 49	8 ^h 41	6 ^h 53
S 26	6 15 59	3 ^h 46'25"	13 ^h 31	17 ^h 14	17 ^h 45	6 ^h 21	19 ^h 19	17 ^h 9	22 ^h 36	3 ^h 20	10 ^h 31	27 ^h 24	25 ^h 46	8 ^h 48	6 ^h 55
S 27	6 19 56	4 ^h 47'33"	25 ^h 29	18 ^h 49	18 ^h 51	7 ^h 3	19 ^h 30	17 ^h 12	22 ^h 33	3 ^h 21	10 ^h 31	27 ^h 17	25 ^h 43	8 ^h 55	6 ^h 57
M28	6 23 52	5 ^h 48'41"	7 ^h Ω23	20 ^h 23	19 ^h 58	7 ^h 46	19 ^h 41	17 ^h 15	22 ^h 31	3 ^h 21	10 ^h 30	27 ^h 9	25 ^h 40	9 ^h 2	7 ^h 0
T 29	6 27 49	6 ^h 49'50"	19 ^h 15	21 ^h 56	21 ^h 5	8 ^h 28	19 ^h 52	17 ^h 18	22 ^h 28	3 ^h 22	10 ^h 30	27 ^h 2	25 ^h 37	9 ^h 8	7 ^h 2
W30	6 31 45	7 ^h 50'59"	1 ^h ♁6	23 ^h 28	22 ^h 12	9 ^h 11	20 ^h 3	17 ^h 21	22 ^h 26	3 ^h 22	10 ^h 29	27 ^h 55	25 ^h 33	9 ^h 15	7 ^h 4
T 31	6 35 42	8 ^h 52'08"	13 ^h ♁1	25 ^h ♁0	23 ^h ♁19	9 ^h ♁53	20 ^h ♁14	17 ^h ♁24	22 ^h II23	3 ^h Υ23	10 ^h ♁29	26 ^h ♁50	25 ^h ♁30	9 ^h Ω22	7 ^h ♁7

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21s43	12n38	5s3	22s23	0s46	6s35	2n4	17s14	0n14	15s14	0n58	3s54	2n18	23n26	0n8
W 2	21 52	8 57	5 15	22 44	0 52	6 53	2 8	17 26	0 14	15 18	0 58	3 56	2 18	23 26	0 8
T 3	22 1	4 54	5 14	23 4	0 58	7 10	2 12	17 37	0 13	15 21	0 58	3 58	2 19	23 26	0 8
F 4	22 10	0 37	4 59	23 22	1 4	7 28	2 15	17 49	0 13	15 25	0 58	4 0	2 19	23 26	0 8
S 5	22 18	3s47	4 30	23 40	1 10	7 46	2 19	18 0	0 12	15 28	0 58	4 2	2 19	23 26	0 8
S 6	22 26	8 8	3 48	23 56	1 15	8 4	2 22	18 11	0 11	15 32	0 58	4 3	2 19	23 26	0 8
M 7	22 33	12 15	2 53	24 11	1 21	8 23	2 26	18 23	0 11	15 36	0 58	4 5	2 19	23 26	0 8
T 8	22 40	15 53	1 47	24 24	1 26	8 41	2 28	18 34	0 10	15 39	0 58	4 7	2 20	23 25	0 8
W 9	22 46	18 46	0 33	24 37	1 31	9 0	2 31	18 44	0 10	15 43	0 58	4 8	2 20	23 25	0 8
T 10	22 52	20 35	0n45	24 48	1 35	9 19	2 34	18 55	0 9	15 46	0 58	4 10	2 20	23 25	0 8
F 11	22 57	21 5	2 24	25 7	1 40	9 38	2 36	19 6	0 8	15 49	0 58	4 12	2 20	23 25	0 8
S 12	23 2	20 9	3 12	25 6	1 44	9 57	2 39	19 16	0 8	15 53	0 58	4 13	2 21	23 25	0 8
S 13	23 7	17 49	4 10	25 13	1 48	10 16	2 41	19 26	0 7	15 56	0 58	4 15	2 21	23 25	0 8
M14	23 11	14 20	4 50	25 19	1 52	10 35	2 43	19 36	0 7	16 0	0 58	4 16	2 21	23 25	0 8
T 15	23 15	9 59	5 11	25 23	1 55	10 54	2 44	19 46	0 6	16 3	0 58	4 18	2 21	23 25	0 8
W16	23 18	5 9	5 12	25 26	1 59	11 13	2 46	19 56	0 5	16 6	0 58	4 19	2 21	23 25	0 8
T 17	23 21	0 7	4 54	25 27	2 2	11 32	2 47	20 6	0 5	16 9	0 58	4 20	2 22	23 24	0 8
F 18	23 23	4n48	4 19	25 27	2 4	11 51	2 49	20 15	0 4	16 13	0 58	4 22	2 22	23 24	0 8
S 19	23 25	9 22	3 30	25 25	2 6	12 10	2 50	20 24	0 3	16 16	0 59	4 23	2 22	23 24	0 8
S 20	23 26	13 24	2 31	25 22	2 8	12 29	2 51	20 33	0 3	16 19	0 59	4 24	2 22	23 24	0 8
M21	23 27	16 43	1 26	25 17	2 10	12 48	2 52	20 42	0 2	16 22	0 59	4 26	2 23	23 24	0 8
T 22	23 27	19 10	0 17	25 11	2 11	13 7	2 52	20 51	0 2	16 25	0 59	4 27	2 23	23 24	0 8
W23	23 27	20 39	0s51	25 3	2 12	13 26	2 53	21 0	0 1	16 28	0 59	4 28	2 23	23 24	0 8
T 24	23 27	21 6	1 55	24 54	2 12	13 45	2 53	21 8	0 0	16 31	0 59	4 29	2 23	23 23	0 8
F 25	23 26	20 33	2 54	24 43	2 12	14 3	2 53	21 16	0s0	16 34	0 59	4 30	2 24	23 23	0 8
S 26	23 24	19 3	3 44	24 30	2 11	14 22	2 53	21 24	0 1	16 37	0 59	4 31	2 24	23 23	0 8
S 27	23 22	16 44	4 24	24 16	2 10	14 40	2 53	21 32	0 2	16 40	0 59	4 32	2 24	23 23	0 8
M28	23 20	13 44	4 51	2											