

SWISS EPHEMERIS for the year 1903

JANUARY 1903

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
T 1	6 37 53	9°24'15	2°19	20°340	17°319	5°2	18°20	27°347	22°332	2°R 7	18°R18	21°R38	21°10	6°19	15°20	
F 2	6 41 49	10°25'26	14°18	22°17	18°34	5°26	18°33	27°54	22°36	2°5	18°17	21°26	21° 7	6°26	15°26	
S 3	6 45 46	11°26'36	26°21	23°54	19°50	5°50	18°46	28° 0	22°39	2° 4	18°16	21°15	21° 4	6°32	15°32	
S 4	6 49 42	12°27'47	8°34	25°31	21° 5	6°13	18°59	28° 7	22°43	2° 2	18°15	21° 8	21° 1	6°39	15°38	
M 5	6 53 39	13°28'57	20°57	27° 7	22°21	6°36	19°12	28°14	22°46	2° 0	18°14	21° 4	20°58	6°46	15°43	
T 6	6 57 35	14°30'07	3°35	28°43	23°36	6°58	19°25	28°21	22°50	1°59	18°13	21° 2	20°55	6°53	15°49	
W 7	7 1 32	15°31'16	16°33	0°18	24°51	7°21	19°38	28°28	22°53	1°57	18°12	21° 2	20°51	6°59	15°55	
T 8	7 5 29	16°32'25	29°55	1°52	26° 7	7°43	19°51	28°35	22°57	1°55	18°11	21° 2	20°48	7° 6	16° 0	
F 9	7 9 25	17°33'34	13°43	3°25	27°22	8° 4	20° 4	28°42	23° 0	1°54	18°10	21° 1	20°45	7°13	16° 6	
S 10	7 13 22	18°34'42	28° 0	4°57	28°37	8°25	20°18	28°49	23° 3	1°52	18° 9	20°57	20°42	7°20	16°12	
S 11	7 17 18	19°35'49	12°43	6°26	29°53	8°46	20°31	28°57	23° 7	1°51	18° 8	20°51	20°39	7°26	16°18	
M12	7 21 15	20°36'57	27°48	7°54	1°8	9° 7	20°44	29° 4	23°10	1°49	18° 7	20°42	20°35	7°33	16°23	
T 13	7 25 11	21°38'03	13°6	9°20	2°23	9°27	20°58	29°11	23°13	1°47	18° 6	20°31	20°32	7°40	16°29	
W14	7 29 8	22°39'09	28°26	10°42	3°39	9°47	21°11	29°18	23°17	1°46	18° 5	20°19	20°29	7°46	16°35	
T 15	7 33 4	23°40'15	13°37	12° 1	4°54	10° 7	21°25	29°25	23°20	1°44	18° 4	20° 8	20°26	7°53	16°40	
F 16	7 37 1	24°41'20	28°27	13°15	6° 9	10°26	21°38	29°32	23°23	1°43	18° 3	19°59	20°23	8° 0	16°46	
S 17	7 40 58	25°42'25	12°51	14°25	7°25	10°44	21°52	29°39	23°27	1°41	18° 2	19°52	20°20	8° 7	16°52	
S 18	7 44 54	26°43'30	26°44	15°29	8°40	11° 3	22° 6	29°46	23°30	1°40	18° 1	19°48	20°16	8°13	16°58	
M19	7 48 51	27°44'35	10°17	16°26	9°55	11°21	22°20	29°53	23°33	1°38	18° 0	19°46	20°13	8°20	17° 3	
T 20	7 52 47	28°45'39	23° 2	17°16	11°10	11°38	22°33	0°1	23°36	1°37	18° 0	19°46	20°10	8°27	17° 9	
W21	7 56 44	29°46'42	5°35	17°58	12°26	11°55	22°47	0° 8	23°39	1°35	17°59	19°46	20° 7	8°33	17°14	
T 22	8 0 40	0°47'46	17°50	18°31	13°41	12°12	23° 1	0°15	23°42	1°34	17°58	19°45	20° 4	8°40	17°20	
F 23	8 4 37	1°48'49	29°53	18°55	14°56	12°28	23°15	0°22	23°45	1°32	17°57	19°42	20° 1	8°47	17°26	
S 24	8 8 33	2°49'51	11°47	19° 7	16°11	12°44	23°29	0°29	23°48	1°31	17°56	19°36	19°57	8°54	17°31	
S 25	8 12 30	3°50'53	23°38	19°R 9	17°26	12°59	23°43	0°36	23°51	1°30	17°55	19°27	19°54	9° 0	17°37	
M26	8 16 27	4°51'54	5°28	18°59	18°42	13°14	23°57	0°43	23°54	1°28	17°55	19°15	19°51	9° 7	17°42	
T 27	8 20 23	5°52'55	17°21	18°38	19°57	13°28	24°11	0°50	23°57	1°27	17°54	19° 2	19°48	9°14	17°48	
W28	8 24 20	6°53'55	29°17	18° 5	21°12	13°42	24°25	0°58	24° 0	1°26	17°53	18°48	19°45	9°20	17°53	
T 29	8 28 16	7°54'53	11°18	17°22	22°27	13°55	24°39	1° 5	24° 3	1°24	17°53	18°34	19°41	9°27	17°59	
F 30	8 32 13	8°55'51	23°25	16°30	23°42	14° 8	24°53	1°12	24° 6	1°23	17°52	18°21	19°38	9°34	18° 4	
S 31	8 36 9	9°56'48	5°40	15°29	24°57	14°20	25° 8	1°19	24° 9	1°22	17°51	18°12	19°35	9°41	18°10	

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	23s 7	14s52	4n55	24s 0	2s10	23s18	0s59	0n11	2n23	16s 7	0s49	20s53	0s16	23s21	0s 6	22n17	1s 9	13n57	9s 1	8s26	8s16	18s20	16s21	6n16
F 2	23 2 12	8 4 37	23 43	2 9	23 10	1 1	0 3	2 24	16 3	0 49	20 51	0 16	23 21	0 6	22 17	1 8	13 57	9 1	8 22	8 15	18 19	16 20	6 16	
S 3	22 57	8 52	4 6	23 25	2 7	23 1	1 3	0s 6	2 25	15 59	0 49	20 50	0 16	23 21	0 6	22 18	1 8	13 57	9 1	8 18	8 13	18 19	16 20	6 16
S 4	22 52	5 12	3 24	23 6	2 5	22 51	1 4	0 14	2 26	15 55	0 49	20 49	0 16	23 21	0 6	22 18	1 8	13 57	9 0	8 15	8 12	18 18	16 19	6 16
M 5	22 46	1 16	2 32	22 45	2 3	22 41	1 6	0 22	2 27	15 51	0 49	20 47	0 16	23 21	0 6	22 18	1 8	13 57	9 0	8 13	8 11	18 18	16 18	6 16
T 6	22 40	2n49	1 31	22 23	2 0	22 30	1 8	0 30	2 28	15 47	0 49	20 46	0 16	23 22	0 6	22 18	1 8	13 57	9 0	8 13	8 10	18 17	16 18	6 16
W 7	22 33	6 53	0 24	21 59	1 56	22 18	1 9	0 38	2 29	15 43	0 49	20 45	0 16	23 22	0 6	22 18	1 8	13 57	9 0	8 13	8 9	18 17	16 17	6 16
T 8	22 25	10 43	0s47	21 34	1 52	22 6	1 11	0 46	2 30	15 39	0 49	20 43	0 16	23 22	0 6	22 18	1 8	13 57	9 0	8 13	8 7	18 16	16 16	6 16
F 9	22 18	14 6	1 57	21 8	1 46	21 53	1 12	0 54	2 31	15 35	0 49	20 42	0 17	23 22	0 6	22 18	1 8	13 57	9 0	8 12	8 6	18 15	16 16	6 16
S 10	22 10	16 46	3 2	20 40	1 41	21 39	1 14	1 1	2 32	15 30	0 49	20 40	0 17	23 22	0 6	22 18	1 8	13 58	9 0	8 11	8 5	18 15	16 15	6 16
S 11	22 1 18	25 3	5 20	11 34	21 25	1 15	1 8	2 33	15 26	0 49	20 39	0 17	23 23	0 6	22 18	1 8	13 58	9 0	8 9	8 4	18 14	16 14	6 16	
M12	21 52	18 49	4 37	19 41	1 26	21 10	1 17	1 16	2 34	15 22	0 49	20 38	0 17	23 23	0 6	22 18	1 8	13 58	8 59	8 5	8 3	18 14	16 13	6 16
T 13	21 43	17 52	4 58	19 11	1 18	20 54	1 18	1 23	2 35	15 18	0 49	20 36	0 17	23 23	0 6	22 18	1 8	13 58	8 59	8 1	8 2	18 13	16 13	6 16
W14	21 33	15 38	4 57	18 39	1 9	20 38	1 19	1 30	2 36	15 13	0 49	20 35	0 17	23 23	0 6	22 18	1 8	13 58	8 59	7 57	8 0	18 13	16 12	6 16
T 15	21 22	12 20	4 36	18 8	0 58	20 21	1 20	1 36	2 37	15 9	0 49	20 33	0 17	23 23	0 6	22 18	1 8	13 58	8 59	7 52	7 59	18 12	16 11	6 16
F 16	21 12	8 20	3 56	17 36	0 47	20 3	1 21	1 43	2 38	15 5	0 49	20 32	0 17	23 23	0 6	22 18	1 8	13 58	8 59	7 49	7 58	18 11	16 10	6 16
S 17	21 1	3 56	3 2	17 4	0 35	19 45	1 22	1 49	2 39	15 0	0 49	20 31	0 17	23 24	0 6	22 18	1 8	13 58	8 59	7 46	7 57	18 11	16 10	6 16
S 18	20 49	0s31	1 59	16 33	0 22	19 27	1 23	1 55	2 40	14 56	0 49	20 29	0 17	23 24	0 6	22 18	1 8	13 58	8 58	7 45	7 56	18 10	16 9	6 16
M19	20 37	4 47	0 51	16 2	0 8	19 7	1 24	2 2	2 41	14 51	0 49	20 28	0 17	23 24	0 6	22 18	1 8	13 58	8 58	7 44	7 54	18 10	16 8	6 17
T 20	20 25	8 42	0n17	15 33	0n 7	18 48	1 25	2 7	2 42	14 47	0 49	20 26	0 17	23 24	0 6	22 18	1 8	13 58	8 58	7 44	7 53	18 9	16 7	6 17
W21	20 12	12 5	1 23	15 5	0 23	18 27	1 26	2 13	2 43	14 42	0 49	20 25	0 17	23 24	0 6	22 18	1 8	13 58	8 58	7 44	7 52	18 8	16 6	6 17
T 22	19 59	14 52	2 23	14 39	0 40	18 7	1 27	2 19	2 44	14 38	0 49	20 23	0 17	23 24	0 6	22 18	1 8	13 59	8 58	7 44	7 51	18 8	16 6	6 17
F 23	19 46	16 57	3 15	14 15	0 57	17 45	1 27	2 24	2 45	14 33	0 49	20 22	0 17	23 25	0 7	22 18	1 8	13 59	8 58	7 42	7 50	18 7	16 5	6 17
S 24	19 32	18 16	3 58	13 55	1 15	17 24	1 28	2 29	2 46	14 29	0 49	20 20	0 18	23 25	0 7	22 18	1 8	13 59	8 57	7 40	7 48	18 7	16 4	6 17
S 25	19 18	18 47	4 31	13 37	1 33	17 1	1 29	2 34	2 47	14 24	0 49	20 19	0 18	23 25	0 7	22 18	1 8	13 59	8 57	7 37	7 47	18 6	16 3	6 17
M26	19 3 18	28 4	5 2	13 23	1 51	16 38	1 29	2 39	2 48	14 19	0 49	20 18	0 18	23 25	0 7	22 19	1 8	13 59	8 57	7 32	7 46	18 5	16 2	6 18
T 27	18 49	17 21	5 0	13 13	2 8	16 15	1 30	2 43	2 49	14 15	0 49	20 16	0 18	23 25	0 7	22 19	1 8	13 59	8 57	7 27	7 45	18 5	16 1	6 18
W28	18 33	15 29	4 56	13 7	2 25	15 52	1 30	2 48	2 50	14 10	0 50	20 15	0 18	23 25	0 7	22 19	1 8	13 59	8 57	7 22	7 44	18 4	16 0	6 18
T 29	18 18	12 56	4 38	13 4	2 41	15 27	1 30	2 52	2 51	14 5	0 50	20 13	0 18</											

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FEBRUARY 1903

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Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♅	♁	♂	♄	♃	♅	♁	♂	♄
S 1	8 40 6	10°57'44	18°33'	14°R22	26°12	14°32	25°22	1°26	24°12	1°R20	17°R51	18°R 5	19°32	9°47	18°15		
M 2	8 44 2	11°58'38	0°36	13°11	27°28	14°43	25°36	1°33	24°14	1°18	17°49	17°D59	19°29	9°54	18°20		
T 3	8 47 59	12°59'31	13°22	11°58	28°43	14°53	25°50	1°40	24°17	1°18	17°49	17°D59	19°26	10° 1	18°26		
W 4	8 51 56	14° 0'23	26°22	10°44	29°58	15° 3	26° 5	1°47	24°20	1°17	17°49	17°59	19°22	10° 8	18°31		
T 5	8 55 52	15° 1'13	9°34	9°33	1°13	15°13	26°19	1°54	24°23	1°16	17°48	18°R 0	19°19	10°14	18°36		
F 6	8 59 49	16° 2'02	23°21	8°25	2°28	15°22	26°33	2° 1	24°25	1°15	17°48	18° 0	19°16	10°21	18°42		
S 7	9 3 45	17° 2'49	7°12	7°23	3°43	15°30	26°47	2° 8	24°28	1°13	17°47	17°58	19°13	10°28	18°47		
S 8	9 7 42	18° 3'35	21°48	6°26	4°57	15°37	27° 2	2°15	24°30	1°12	17°47	17°54	19°10	10°34	18°52		
M 9	9 11 38	19° 4'19	6°32	5°37	6°12	15°44	27°16	2°22	24°33	1°11	17°46	17°47	19° 7	10°41	18°57		
T 10	9 15 35	20° 5'02	21°30	4°56	7°27	15°51	27°31	2°29	24°35	1°10	17°46	17°39	19° 3	10°48	19° 2		
W 11	9 19 31	21° 5'43	6°23	4°23	8°42	15°56	27°45	2°36	24°38	1° 9	17°45	17°30	19° 0	10°55	19° 7		
T 12	9 23 28	22° 6'23	21°33	3°58	9°57	16° 1	27°59	2°43	24°40	1° 8	17°45	17°21	18°57	11° 1	19°12		
F 13	9 27 25	23° 7'01	6°19	3°41	11°12	16° 6	28°14	2°50	24°42	1° 8	17°44	17°14	18°54	11° 8	19°17		
S 14	9 31 21	24° 7'38	20°43	3°32	12°26	16° 9	28°28	2°56	24°45	1° 7	17°44	17° 8	18°51	11°15	19°22		
S 15	9 35 18	25° 8'14	4°40	3°D30	13°41	16°12	28°43	3° 3	24°47	1° 6	17°44	17° 5	18°47	11°21	19°27		
M 16	9 39 14	26° 8'48	18°10	3°35	14°56	16°15	28°57	3°10	24°49	1° 5	17°43	17°D 5	18°44	11°28	19°32		
T 17	9 43 11	27° 9'21	1°13	3°47	16°11	16°16	29°12	3°17	24°51	1° 4	17°43	17° 5	18°41	11°35	19°37		
W 18	9 47 7	28° 9'53	13°53	4° 4	17°25	16°17	29°26	3°23	24°53	1° 3	17°43	17° 7	18°38	11°42	19°42		
T 19	9 51 4	29°10'24	26°13	4°28	18°40	16°R17	29°40	3°30	24°55	1° 3	17°42	17°R 8	18°35	11°48	19°47		
F 20	9 55 0	0°10'53	8°18	4°57	19°55	16°17	29°55	3°37	24°57	1° 2	17°42	17° 7	18°32	11°55	19°51		
S 21	9 58 57	1°11'21	20°14	5°30	21° 9	16°15	0°11	3°43	24°59	1° 1	17°42	17° 5	18°28	12° 2	19°56		
S 22	10 2 54	2°11'48	2° 5	6° 9	22°24	16°13	0°24	3°50	25° 1	1° 1	17°42	17° 1	18°25	12° 9	20° 1		
M 23	10 6 50	3°12'13	13°56	6°51	23°38	16°10	0°38	3°57	25° 3	1° 0	17°41	16°55	18°22	12°15	20° 5		
T 24	10 10 47	4°12'37	25°51	7°37	24°53	16° 6	0°53	4° 3	25° 5	0°59	17°41	16°47	18°19	12°22	20°10		
W 25	10 14 43	5°12'59	7°51	8°27	26° 7	16° 2	1° 7	4°10	25° 7	0°59	17°41	16°39	18°16	12°29	20°14		
T 26	10 18 40	6°13'20	20° 0	9°20	27°22	15°57	1°22	4°16	25° 9	0°58	17°41	16°31	18°13	12°35	20°19		
F 27	10 22 36	7°13'39	2°19	10°16	28°36	15°51	1°36	4°22	25°10	0°58	17°41	16°24	18° 9	12°42	20°23		
S 28	10 26 33	8°13'56	14°48	11°15	29°51	15°44	1°50	4°29	25°12	0°57	17°41	16°19	18° 6	12°49	20°28		

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	17s29	2s24	2n32	13s20	3n20	14s13	1s31	3s 3	2n54	13s51	0s50	20s 9	0s18	23s26	0s 7	22n19	1s 8	14n 0	8s56	7s 6	7s39	18s 2	15s57	6n19
M 2	17 12	1n38	1 31	13 32	3 28	13 47	1 31	3 7	2 55	13 46	0 50	20 7	0 18	23 26	0 7	22 19	1 8	14 0	8 56	7 4	7 38	18 1	15 56	6 19
T 3	16 55	5 39	0 25	13 46	3 35	13 21	1 31	3 10	2 56	13 42	0 50	20 6	0 18	23 26	0 7	22 19	1 8	14 0	8 55	7 3	7 36	18 1	15 55	6 19
W 4	16 38	9 29	0s45	14 2	3 39	12 54	1 31	3 13	2 57	13 37	0 50	20 4	0 18	23 26	0 7	22 19	1 8	14 0	8 55	7 4	7 35	18 0	15 54	6 19
T 5	16 20	12 56	1 53	14 20	3 40	12 28	1 31	3 15	2 58	13 32	0 50	20 3	0 18	23 26	0 7	22 19	1 8	14 1	8 55	7 4	7 34	17 59	15 53	6 20
F 6	16 2 15	46	2 57	14 38	3 39	12 0	1 30	3 18	2 59	13 27	0 50	20 1	0 19	23 27	0 7	22 19	1 8	14 1	8 55	7 4	7 33	17 59	15 52	6 20
S 7	15 44	17 44	3 52	14 57	3 36	11 33	1 30	3 20	3 0	13 22	0 50	20 0	0 19	23 27	0 7	22 19	1 8	14 1	8 55	7 3	7 32	17 58	15 51	6 20
S 8	15 25	18 38	4 34	15 16	3 31	11 5	1 30	3 22	3 1	13 17	0 50	19 58	0 19	23 27	0 7	22 19	1 7	14 1	8 54	7 1	7 30	17 57	15 50	6 20
M 9	15 7 18	19	4 59	15 35	3 24	10 37	1 29	3 24	3 2	13 12	0 50	19 57	0 19	23 27	0 7	22 19	1 7	14 1	8 54	6 59	7 29	17 57	15 49	6 21
T 10	14 48	16 44	5 4	15 53	3 15	10 9	1 29	3 25	3 3	13 8	0 50	19 55	0 19	23 27	0 7	22 19	1 7	14 1	8 54	6 56	7 28	17 56	15 48	6 21
W 11	14 28	13 59	4 48	16 10	3 6	9 40	1 28	3 26	3 4	13 3	0 50	19 54	0 19	23 27	0 7	22 19	1 7	14 2	8 54	6 52	7 27	17 55	15 48	6 21
T 12	14 9 10	20	4 13	16 26	2 56	9 12	1 28	3 28	3 5	12 58	0 50	19 52	0 19	23 27	0 7	22 19	1 7	14 2	8 53	6 49	7 25	17 55	15 47	6 22
F 13	13 49	6 6	3 21	16 40	2 44	8 42	1 27	3 28	3 6	12 53	0 50	19 51	0 19	23 27	0 7	22 19	1 7	14 2	8 53	6 46	7 24	17 54	15 46	6 22
S 14	13 29	1 35	2 17	16 54	2 33	8 13	1 26	3 29	3 7	12 48	0 50	19 49	0 19	23 27	0 7	22 19	1 7	14 2	8 53	6 44	7 23	17 53	15 45	6 22
S 15	13 9 2s	52	1 6	17 6	2 21	7 44	1 25	3 29	3 8	12 43	0 50	19 48	0 19	23 28	0 7	22 19	1 7	14 2	8 53	6 43	7 22	17 53	15 44	6 22
M 16	12 48	7 2	0n 6	17 17	2 8	7 14	1 24	3 29	3 9	12 38	0 50	19 46	0 19	23 28	0 7	22 20	1 7	14 3	8 53	6 43	7 21	17 52	15 43	6 23
T 17	12 28	10 44	1 15	17 26	1 56	6 44	1 23	3 29	3 10	12 33	0 50	19 45	0 19	23 28	0 7	22 20	1 7	14 3	8 52	6 43	7 19	17 51	15 42	6 23
W 18	12 7 13	48	2 19	17 34	1 43	6 14	1 22	3 28	3 11	12 28	0 50	19 43	0 20	23 28	0 7	22 20	1 7	14 3	8 52	6 43	7 18	17 51	15 41	6 23
T 19	11 46	16 9	3 15	17 41	1 31	5 44	1 21	3 28	3 11	12 23	0 51	19 42	0 20	23 28	0 7	22 20	1 7	14 3	8 52	6 44	7 17	17 50	15 40	6 24
F 20	11 25	17 44	4 1	17 46	1 18	5 13	1 20	3 27	3 12	12 18	0 51	19 40	0 20	23 28	0 7	22 20	1 7	14 3	8 52	6 44	7 16	17 49	15 39	6 24
S 21	11 3 18	31	4 35	17 50	1 6	4 43	1 19	3 25	3 13	12 13	0 51	19 39	0 20	23 28	0 7	22 20	1 7	14 4	8 51	6 43	7 15	17 49	15 38	6 24
S 22	10 42	18 28	4 58	17 52	0 54	4 12	1 17	3 24	3 14	12 8	0 51	19 37	0 20	23 28	0 7	22 20	1 7	14 4	8 51	6 41	7 13	17 48	15 37	6 25
M 23	10 20	17 37	5 8	17 53	0 43	3 41	1 16	3 22	3 15	12 3	0 51	19 36	0 20	23 28	0 7	22 20	1 7	14 4	8 51	6 39	7 12	17 47	15 36	6 25
T 24	9 58	16 0	5 5	17 52	0 31	3 11	1 15	3 20	3 15	11 58	0 51	19 35	0 20	23 28	0 7	22 20	1 7	14 4	8 51	6 36	7 11	17 47	15 35	6 26
W 25	9 36	13 40	4 48	17 50	0 20	2 40	1 13	3 18	3 16	11 52	0 51	19 33	0 20	23 29	0 7	22 20	1 7	14 4	8 50	6 33	7 10	17 46	15 34	6 26
T 26	9 14	10 44	4 18	17 47	0 9	2 9	1 12	3 15	3 17	11 47	0 51	19 32	0 20	23 29	0 7	22 20	1 7	14 5	8 50	6 30	7 9	17 45	15 33	6 26
F 27	8 52	7 18	3 36	17 42	0s 1	1 38	1 10	3 12	3 17	11 42	0 51	19 30	0 20	23 29	0 7	22 20	1 7	14 5	8 50	6 27	7 7	17 45	15 32	6 27
S 28	8s29	3s30	2n42	17s35	0s11	1s 6	1s 8	3s 9	3n18	11s37	0s51	19s29	0s20	23s29	0s 7	22n20	1s 7	14n 5	8s50	6s25	7s 6	17s44	15s31	6n27

Julian Day Number = 2416146.5, Delta T = 1.31 sec
 Ecliptic obliquity = 23°26'58, Nutation = 0°00'07
 Ayanamsha: Fagan/Bradley = 23°23'13, Lahiri = 22°30'13

SWISS EPHEMERIS for the year 1903

MARCH 1903

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	10 30 29	9°14'12	27°28	12°17	1°5	15°R36	2°5	4°35	25°14	0°R57	17°R41	16°R15	18°3	12°56	20°32	
M 2	10 34 26	10°14'26	10°20	13°21	2°19	15°28	2°19	4°41	25°15	0°56	17°41	16°D13	18°0	13°2	20°36	
T 3	10 38 23	11°14'37	23°23	14°28	3°34	15°19	2°34	4°48	25°17	0°56	17°D41	16°D13	17°57	13°9	20°40	
W 4	10 42 19	12°14'47	6°40	15°36	4°48	15°9	2°48	4°54	25°18	0°56	17°41	16°15	17°53	13°16	20°44	
T 5	10 46 16	13°14'55	20°9	16°47	6°2	14°58	3°2	5°0	25°20	0°55	17°41	16°16	17°50	13°22	20°48	
F 6	10 50 12	14°15'00	3°53	18°0	7°16	14°47	3°17	5°6	25°21	0°55	17°41	16°18	17°47	13°29	20°53	
S 7	10 54 9	15°15'03	17°51	19°14	8°30	14°34	3°31	5°12	25°22	0°55	17°41	16°R18	17°44	13°36	20°56	
S 8	10 58 5	16°15'05	2°3	20°30	9°44	14°21	3°45	5°18	25°24	0°55	17°41	16°17	17°41	13°43	21°0	
M 9	11 2 2	17°15'04	16°27	21°48	10°58	14°8	3°59	5°24	25°25	0°55	17°41	16°15	17°38	13°49	21°4	
T 10	11 5 58	18°15'01	0°59	23°8	12°12	13°53	4°14	5°30	25°26	0°55	17°41	16°11	17°34	13°56	21°8	
W 11	11 9 55	19°14'55	15°35	24°29	13°26	13°38	4°28	5°36	25°27	0°54	17°41	16°7	17°31	14°3	21°12	
T 12	11 13 51	20°14'48	0°8	25°51	14°40	13°23	4°42	5°41	25°28	0°54	17°41	16°3	17°28	14°10	21°15	
F 13	11 17 48	21°14'38	14°31	27°15	15°54	13°6	4°56	5°47	25°29	0°D54	17°42	16°0	17°25	14°16	21°19	
S 14	11 21 45	22°14'26	28°39	28°41	17°8	12°49	5°10	5°53	25°30	0°54	17°42	15°58	17°22	14°23	21°23	
S 15	11 25 41	23°14'13	12°28	0°8	18°22	12°31	5°25	5°58	25°31	0°54	17°42	15°D57	17°18	14°30	21°26	
M 16	11 29 38	24°13'57	25°55	1°36	19°35	12°13	5°39	6°4	25°32	0°54	17°42	15°58	17°15	14°36	21°29	
T 17	11 33 34	25°13'40	8°59	3°6	20°49	11°54	5°53	6°9	25°33	0°55	17°43	15°59	17°12	14°43	21°33	
W 18	11 37 31	26°13'21	21°41	4°36	22°3	11°35	6°7	6°15	25°33	0°55	17°43	16°0	17°9	14°50	21°36	
T 19	11 41 27	27°13'00	4°6	6°9	23°16	11°15	6°21	6°20	25°34	0°55	17°43	16°2	17°6	14°57	21°39	
F 20	11 45 24	28°12'38	16°15	7°42	24°30	10°54	6°35	6°26	25°35	0°55	17°44	16°3	17°3	15°3	21°43	
S 21	11 49 20	29°12'14	28°14	9°17	25°43	10°33	6°49	6°31	25°35	0°55	17°44	16°R3	16°59	15°10	21°46	
S 22	11 53 17	0°11'48	10°8	10°53	26°57	10°12	7°2	6°36	25°36	0°56	17°44	16°3	16°56	15°17	21°49	
M 23	11 57 14	1°11'20	22°0	12°31	28°10	9°50	7°16	6°41	25°36	0°56	17°45	16°2	16°53	15°24	21°52	
T 24	12 1 10	2°10'50	3°56	14°9	29°24	9°28	7°30	6°46	25°37	0°56	17°45	16°0	16°50	15°30	21°55	
W 25	12 5 7	3°10'19	16°0	15°49	0°37	9°6	7°44	6°51	25°37	0°57	17°46	15°58	16°47	15°37	21°57	
T 26	12 9 3	4°9'46	28°15	17°31	1°50	8°43	7°58	6°56	25°37	0°57	17°46	15°57	16°44	15°44	22°0	
F 27	12 13 0	5°9'11	10°43	19°13	3°4	8°20	8°11	7°1	25°38	0°58	17°47	15°55	16°40	15°50	22°3	
S 28	12 16 56	6°8'34	23°26	20°58	4°17	7°57	8°25	7°6	25°38	0°58	17°47	15°54	16°37	15°57	22°5	
S 29	12 20 53	7°7'54	6°24	22°43	5°30	7°34	8°38	7°10	25°38	0°59	17°48	15°53	16°34	16°4	22°8	
M 30	12 24 49	8°7'13	19°39	24°30	6°43	7°10	8°52	7°15	25°38	0°59	17°48	15°D53	16°31	16°11	22°10	
T 31	12 28 46	9°7'30	3°7	26°18	7°56	6°47	9°6	7°20	25°38	0°59	17°49	15°54	16°28	16°17	22°13	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
S 1	8s 7	0n32	1n40	17s28	0s21	0s35	1s 7	3s 6	3n18	11s32	0s51	19s27	0s20	23s29	0s 7	22n20	1s 7	14n 5	8s50	6s24	7s 5	17s43	15s30	6n27
M 2	7 44	4 35	0 32	17 18	0 31	0 4	1 5	3 2	3 19	11 27	0 51	19 26	0 21	23 29	0 7	22 20	1 7	14 6	8 49	6 23	7 4	17 42	15 29	6 28
T 3	7 21	8 29	0s39	17 8	0 40	0n27	1 3	2 58	3 19	11 22	0 51	19 25	0 21	23 29	0 7	22 20	1 7	14 6	8 49	6 23	7 3	17 42	15 28	6 28
W 4	6 58	12 1	1 49	16 56	0 48	0 58	1 1	2 54	3 20	11 17	0 51	19 23	0 21	23 29	0 7	22 20	1 6	14 6	8 49	6 23	7 1	17 41	15 27	6 29
T 5	6 35	14 59	2 55	16 43	0 57	1 30	0 59	2 49	3 20	11 12	0 52	19 22	0 21	23 29	0 7	22 20	1 6	14 6	8 49	6 24	7 0	17 40	15 26	6 29
F 6	6 12	17 9	3 51	16 28	1 5	2 1	0 57	2 45	3 20	11 7	0 52	19 20	0 21	23 29	0 7	22 20	1 6	14 6	8 48	6 25	6 59	17 40	15 25	6 30
S 7	5 49	18 19	4 35	16 12	1 12	2 32	0 55	2 40	3 21	11 2	0 52	19 19	0 21	23 29	0 7	22 20	1 6	14 7	8 48	6 25	6 58	17 39	15 24	6 30
S 8	5 26	18 23	5 3	15 55	1 19	3 3	0 53	2 35	3 21	10 56	0 52	19 18	0 21	23 29	0 7	22 20	1 6	14 7	8 48	6 24	6 56	17 38	15 23	6 30
M 9	5 2	17 16	5 13	15 36	1 26	3 34	0 51	2 29	3 21	10 51	0 52	19 16	0 21	23 29	0 7	22 21	1 6	14 7	8 48	6 23	6 55	17 37	15 22	6 31
T 10	4 39	15 1	5 3	15 16	1 32	4 5	0 48	2 24	3 21	10 46	0 52	19 15	0 21	23 29	0 7	22 21	1 6	14 7	8 47	6 22	6 54	17 37	15 21	6 31
W 11	4 15	11 50	4 33	14 55	1 38	4 36	0 46	2 18	3 21	10 41	0 52	19 14	0 21	23 29	0 7	22 21	1 6	14 8	8 47	6 21	6 53	17 36	15 20	6 32
T 12	3 52	7 55	3 45	14 32	1 44	5 7	0 44	2 12	3 21	10 36	0 52	19 12	0 22	23 29	0 7	22 21	1 6	14 8	8 47	6 19	6 52	17 35	15 19	6 32
F 13	3 28	3 34	2 44	14 8	1 49	5 37	0 41	2 5	3 21	10 31	0 52	19 11	0 22	23 30	0 7	22 21	1 6	14 8	8 47	6 18	6 50	17 35	15 18	6 33
S 14	3 5	0s54	1 34	13 43	1 54	6 8	0 39	1 59	3 21	10 26	0 52	19 10	0 22	23 30	0 7	22 21	1 6	14 8	8 46	6 17	6 49	17 34	15 17	6 33
S 15	2 41	5 13	0 19	13 17	1 58	6 38	0 37	1 52	3 20	10 21	0 52	19 8	0 22	23 30	0 7	22 21	1 6	14 9	8 46	6 17	6 48	17 33	15 16	6 34
M 16	2 18	9 10	0n55	12 49	2 2	7 9	0 34	1 46	3 20	10 16	0 53	19 7	0 22	23 30	0 7	22 21	1 6	14 9	8 46	6 17	6 47	17 32	15 15	6 34
T 17	1 54	12 33	2 4	12 20	2 6	7 39	0 31	1 39	3 20	10 11	0 53	19 6	0 22	23 30	0 7	22 21	1 6	14 9	8 46	6 17	6 46	17 32	15 14	6 35
W 18	1 30	15 13	3 4	11 50	2 9	8 9	0 29	1 32	3 19	10 5	0 53	19 5	0 22	23 30	0 7	22 21	1 6	14 10	8 45	6 18	6 44	17 31	15 13	6 35
T 19	1 6	17 7	3 55	11 18	2 12	8 38	0 26	1 24	3 19	10 0	0 53	19 3	0 22	23 30	0 7	22 21	1 6	14 10	8 45	6 18	6 43	17 30	15 12	6 36
F 20	0 43	18 12	4 34	10 45	2 14	9 8	0 24	1 17	3 18	9 55	0 53	19 2	0 22	23 30	0 7	22 21	1 6	14 10	8 45	6 19	6 42	17 29	15 11	6 36
S 21	0 19	18 26	5 1	10 11	2 16	9 37	0 21	1 9	3 17	9 50	0 53	19 1	0 22	23 30	0 7	22 21	1 6	14 10	8 45	6 19	6 41	17 29	15 10	6 37
S 22	0n 5	17 51	5 14	9 36	2 17	10 6	0 18	1 2	3 16	9 45	0 53	19 0	0 23	23 30	0 7	22 21	1 6	14 11	8 45	6 19	6 39	17 28	15 9	6 37
M 23	0 28	16 29	5 14	9 0	2 18	10 35	0 15	0 54	3 15	9 40	0 53	18 58	0 23	23 30	0 7	22 21	1 6	14 11	8 44	6 19	6 38	17 27	15 8	6 38
T 24	0 52	14 24	5 1	8 22	2 19	11 4	0 13	0 46	3 14	9 35	0 53	18 57	0 23	23 30	0 7	22 21	1 6	14 11	8 44	6 18	6 37	17 26	15 7	6 38
W 25	1 16	11 41	4 34	7 43	2 19	11 32	0 10	0 39	3 13	9 30	0 54	18 56	0 23	23 30	0 7	22 21	1 5	14 11	8 44	6 17	6 36	17 25	15 6	6 39
T 26	1 39	8 26	3 54	7 3	2 18	12 0	0 7	0 31	3 12	9 25	0 54	18 55	0 23	23 30	0 7	22 21	1 5	14 12	8 44	6 17	6 35	17 25	15 5	6 39
F 27	2 3	4 44	3 3	6 22	2 17	12 28	0 4	0 23	3 11	9 20	0 54	18 54	0 23	23 30	0 7	22 21	1 5	14 12	8 43	6 16	6 33	17 24	15 4	6 40
S 28	2 26	0 45	2 1	5 40	2 16	12 56	0 1	0 15	3 10	9 15	0 54	18 53	0 23	23 30	0 7	22 21	1 5	14 12	8 43	6 16	6 32	17 23	15 3	6 40
S 29	2 50	3n21	0 52	4 57	2 14	13 23	0n 2	0 7	3 8	9 10	0 54	18 52	0 23	23 30	0 7	22 21	1 5	14 12	8 43	6 15	6 31	17 22	15 2	6 41</

SWISS EPHEMERIS for the year 1903

APRIL 1903

00:00 UT

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

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	4n 0	14n15	2s43	2s40	2s 5	14n43	0n10	0n16	3n 4	8s55	0s54	18s49	0s24	23s30	0s 8	22n22	1s 5	14n13	8s42	6s16	6s27	17s20	14s59	6n42
T 2	4 23	16 39	3 44	1 52	2 1	15 9	0 13	0 24	3 2	8 50	0 55	18 47	0 24	23 30	0 8	22 22	1 5	14 14	8 42	6 16	6 26	17 19	14 59	6 43
F 3	4 46	18 5	4 31	1 3	1 57	15 34	0 16	0 31	3 0	8 45	0 55	18 46	0 24	23 30	0 8	22 22	1 5	14 14	8 42	6 16	6 25	17 18	14 58	6 43
S 4	5 9	18 23	5 3	0 14	1 52	15 59	0 19	0 39	2 58	8 41	0 55	18 45	0 24	23 30	0 8	22 22	1 5	14 14	8 42	6 16	6 24	17 18	14 57	6 44
S 5	5 32	17 33	5 17	0n37	1 47	16 24	0 22	0 46	2 56	8 36	0 55	18 45	0 24	23 30	0 8	22 22	1 5	14 14	8 41	6 16	6 22	17 17	14 56	6 45
M 6	5 55	15 38	5 11	1 28	1 41	16 49	0 25	0 53	2 54	8 31	0 55	18 44	0 24	23 30	0 8	22 22	1 5	14 15	8 41	6 16	6 21	17 16	14 55	6 45
T 7	6 18	12 46	4 46	2 20	1 34	17 13	0 28	1 0	2 52	8 26	0 55	18 43	0 24	23 30	0 8	22 22	1 5	14 15	8 41	6 16	6 20	17 15	14 54	6 46
W 8	6 41	9 9	4 4	3 13	1 27	17 36	0 31	1 7	2 50	8 21	0 55	18 42	0 24	23 30	0 8	22 22	1 5	14 15	8 41	6 16	6 19	17 14	14 53	6 46
T 9	7 3	5 3	3 8	4 7	1 20	17 59	0 34	1 13	2 48	8 16	0 56	18 41	0 24	23 30	0 8	22 22	1 5	14 15	8 41	6 16	6 17	17 14	14 53	6 47
F 10	7 26	0 42	2 1	5 1	1 12	18 22	0 37	1 20	2 46	8 12	0 56	18 40	0 25	23 30	0 8	22 22	1 5	14 16	8 40	6 16	6 16	17 13	14 52	6 47
S 11	7 48	3s38	0 48	5 56	1 4	18 44	0 40	1 26	2 43	8 7	0 56	18 39	0 25	23 30	0 8	22 22	1 5	14 16	8 40	6 16	6 15	17 12	14 51	6 48
S 12	8 10	7 42	0n27	6 51	0 55	19 6	0 43	1 32	2 41	8 2	0 56	18 38	0 25	23 30	0 8	22 22	1 5	14 16	8 40	6 16	6 14	17 11	14 50	6 48
M 13	8 32	11 18	1 38	7 47	0 46	19 27	0 46	1 38	2 39	7 57	0 56	18 37	0 25	23 30	0 8	22 22	1 5	14 17	8 40	6 16	6 13	17 10	14 49	6 49
T 14	8 54	14 16	2 43	8 42	0 36	19 47	0 49	1 43	2 36	7 53	0 56	18 37	0 25	23 30	0 8	22 22	1 5	14 17	8 40	6 16	6 11	17 10	14 49	6 50
W 15	9 16	16 30	3 39	9 38	0 26	20 8	0 52	1 48	2 34	7 48	0 57	18 36	0 25	23 30	0 8	22 22	1 5	14 17	8 39	6 16	6 10	17 9	14 48	6 50
T 16	9 37	17 53	4 23	10 33	0 16	20 27	0 55	1 53	2 31	7 43	0 57	18 35	0 25	23 30	0 8	22 22	1 5	14 17	8 39	6 15	6 9	17 8	14 47	6 51
F 17	9 59	18 25	4 54	11 28	0 5	20 46	0 58	1 58	2 29	7 39	0 57	18 34	0 25	23 30	0 8	22 22	1 4	14 18	8 39	6 15	6 8	17 7	14 46	6 51
S 18	10 20	18 7	5 12	12 22	0n 6	21 5	1 1	2 2	2 26	7 34	0 57	18 34	0 25	23 30	0 8	22 22	1 4	14 18	8 39	6 14	6 6	17 6	14 46	6 52
S 19	10 41	17 1	5 16	13 15	0 16	21 23	1 4	2 6	2 24	7 30	0 57	18 33	0 26	23 30	0 8	22 22	1 4	14 18	8 39	6 14	6 5	17 5	14 45	6 52
M 20	11 2	15 11	5 7	14 8	0 27	21 41	1 7	2 10	2 21	7 25	0 57	18 32	0 26	23 30	0 8	22 22	1 4	14 18	8 38	6 14	6 4	17 5	14 44	6 53
T 21	11 23	12 42	4 45	14 59	0 38	21 57	1 10	2 14	2 18	7 21	0 58	18 32	0 26	23 30	0 8	22 22	1 4	14 19	8 38	6 14	6 3	17 4	14 43	6 54
W 22	11 43	9 38	4 9	15 48	0 49	22 14	1 13	2 17	2 16	7 16	0 58	18 31	0 26	23 30	0 8	22 22	1 4	14 19	8 38	6 14	6 2	17 3	14 43	6 54
T 23	12 4	6 7	3 22	16 36	1 0	22 30	1 15	2 20	2 13	7 12	0 58	18 31	0 26	23 30	0 8	22 22	1 4	14 19	8 38	6 15	6 0	17 2	14 42	6 55
F 24	12 24	2 15	2 25	17 23	1 10	22 45	1 18	2 22	2 10	7 7	0 58	18 30	0 26	23 30	0 8	22 22	1 4	14 19	8 38	6 15	5 59	17 1	14 41	6 55
S 25	12 44	1n49	1 18	18 7	1 20	22 59	1 21	2 25	2 8	7 3	0 58	18 29	0 26	23 30	0 8	22 22	1 4	14 20	8 38	6 16	5 58	17 0	14 41	6 56
S 26	13 3	5 55	0 6	18 49	1 30	23 13	1 24	2 27	2 5	6 58	0 58	18 29	0 26	23 30	0 8	22 22	1 4	14 20	8 37	6 16	5 57	16 59	14 40	6 57
M 27	13 23	9 50	1s 8	19 28	1 39	23 26	1 26	2 28	2 2	6 54	0 59	18 28	0 27	23 30	0 8	22 22	1 4	14 20	8 37	6 16	5 55	16 59	14 40	6 57
T 28	13 42	13 17	2 20	20 6	1 48	23 39	1 29	2 30	2 0	6 50	0 59	18 28	0 27	23 30	0 8	22 22	1 4	14 21	8 37	6 15	5 54	16 58	14 39	6 58
W 29	14 1	16 2	3 25	20 41	1 56	23 51	1 32	2 31	1 57	6 46	0 59	18 28	0 27	23 30	0 8	22 22	1 4	14 21	8 37	6 14	5 53	16 57		

SWISS EPHEMERIS for the year 1903

MAY 1903

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♂	♁
F 1	14 30 59	9♂27'01	25♂ 9	27♂31	15♂ 8	27°R55	15♂32	9♂ 1	25°R16	1♂33	18♂16	15°R45	14♂49	19♂46	22°R49
S 2	14 34 56	10°25'15	9♂37	29° 7	16°19	27♂49	15°43	9° 3	25♂14	1°35	18°18	15♂42	14°46	19°52	22♂49
S 3	14 38 52	11°23'27	24° 1	0♂40	17°30	27°43	15°54	9° 4	25°13	1°36	18°19	15°40	14°43	19°59	22°49
M 4	14 42 49	12°21'37	8♂17	2° 8	18°41	27°39	16° 5	9° 6	25°11	1°38	18°20	15°D39	14°40	20° 6	22°49
T 5	14 46 45	13°19'45	22°22	3°33	19°51	27°35	16°16	9° 8	25°10	1°39	18°21	15°39	14°36	20°13	22°49
W 6	14 50 42	14°17'51	6♂16	4°53	21° 2	27°31	16°27	9° 9	25° 8	1°41	18°22	15°40	14°33	20°19	22°48
T 7	14 54 38	15°15'55	19°57	6° 9	22°12	27°29	16°37	9°10	25° 6	1°43	18°23	15°42	14°30	20°26	22°48
F 8	14 58 35	16°13'57	3♂26	7°21	23°22	27°27	16°48	9°12	25° 5	1°44	18°25	15°43	14°27	20°33	22°47
S 9	15 2 32	17°11'57	16°42	8°28	24°33	27°26	16°59	9°13	25° 3	1°46	18°26	15°R44	14°24	20°39	22°47
S 10	15 6 28	18° 9'55	29°46	9°31	25°43	27°D26	17° 9	9°14	25° 1	1°48	18°27	15°43	14°21	20°46	22°46
M11	15 10 25	19° 7'52	12♂38	10°30	26°53	27°27	17°19	9°15	24°59	1°49	18°28	15°40	14°17	20°53	22°45
T 12	15 14 21	20° 5'47	25°17	11°24	28° 3	27°28	17°29	9°16	24°57	1°51	18°29	15°36	14°14	21° 0	22°44
W13	15 18 18	21° 3'41	7♂45	12°13	29°12	27°30	17°39	9°17	24°56	1°53	18°31	15°31	14°11	21° 6	22°43
T 14	15 22 14	22° 1'33	20° 1	12°58	0♂22	27°33	17°49	9°17	24°54	1°55	18°32	15°24	14° 8	21°13	22°42
F 15	15 26 11	22°59'24	2♂ 8	13°38	1°32	27°37	17°59	9°18	24°52	1°57	18°33	15°18	14° 5	21°20	22°41
S 16	15 30 7	23°57'14	14° 7	14°14	2°41	27°41	18° 9	9°18	24°50	1°58	18°35	15°12	14° 1	21°27	22°40
S 17	15 34 4	24°55'02	26° 0	14°44	3°51	27°46	18°18	9°19	24°48	2° 0	18°36	15° 7	13°58	21°33	22°39
M18	15 38 1	25°52'49	7♂53	15°10	5° 0	27°52	18°28	9°19	24°46	2° 2	18°37	15° 3	13°55	21°40	22°38
T 19	15 41 57	26°50'35	19°48	15°31	6° 9	27°58	18°37	9°19	24°44	2° 4	18°38	15° 1	13°52	21°47	22°36
W20	15 45 54	27°48'20	1♂50	15°47	7°18	28° 5	18°46	9°19	24°42	2° 6	18°40	15°D 1	13°49	21°53	22°35
T 21	15 49 50	28°46'04	14° 5	15°58	8°27	28°13	18°56	9°R19	24°40	2° 8	18°41	15° 2	13°46	22° 0	22°33
F 22	15 53 47	29°43'46	26°37	16° 4	9°36	28°21	19° 5	9°19	24°37	2°10	18°42	15° 4	13°42	22° 7	22°32
S 23	15 57 43	0♂41'28	9♂30	16°R 5	10°45	28°30	19°13	9°19	24°35	2°12	18°44	15°R 5	13°39	22°14	22°30
S 24	16 1 40	1°39'08	22°48	16° 2	11°53	28°40	19°22	9°19	24°33	2°14	18°45	15° 4	13°36	22°20	22°29
M25	16 5 36	2°36'48	6♂32	15°55	13° 2	28°50	19°31	9°18	24°31	2°16	18°46	15° 2	13°33	22°27	22°27
T 26	16 9 33	3°34'26	20°41	15°43	14°10	29° 1	19°39	9°18	24°29	2°18	18°48	14°58	13°30	22°34	22°25
W27	16 13 30	4°32'03	5♂12	15°27	15°18	29°12	19°47	9°17	24°26	2°20	18°49	14°53	13°26	22°40	22°23
T 28	16 17 26	5°29'40	19°58	15° 7	16°26	29°24	19°56	9°17	24°24	2°22	18°51	14°45	13°23	22°47	22°21
F 29	16 21 23	6°27'15	4♂52	14°44	17°34	29°37	20° 4	9°16	24°22	2°24	18°52	14°37	13°20	22°54	22°19
S 30	16 25 19	7°24'48	19°44	14°18	18°42	29°50	20°12	9°15	24°20	2°26	18°53	14°30	13°17	23° 1	22°17
S 31	16 29 16	8♂22'21	4♂27	13♂49	19♂50	0♂ 4	20♂19	9♂14	24♂17	2♂28	18♂55	14♂24	13♂14	23♂ 7	22♂15

Day	☉			☽			♀		♂		♃		♄		♅		♆		♇		♁		♂		♁		♂			
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	14n39	18n28	4s54	21n43	2n10	24n13	1n37	2n32	1n52	6s37	0s59	18s27	0s27	23s30	0s 8	22n23	1s 4	14n21	8s36	6s12	5s50	16s55	14s37	6n59						
S 2	14 57	17 55	5 11	22 11	2 16	24 23	1 39	2 32	1 49	6 33	1 0	18 26	0 27	23 30	0 8	22 23	1 4	14 22	8 36	6 11	5 49	16 54	14 37	7 0						
S 3	15 15	16 13	5 11	22 36	2 21	24 33	1 41	2 32	1 46	6 29	1 0	18 26	0 27	23 30	0 8	22 23	1 4	14 22	8 36	6 10	5 48	16 53	14 36	7 1						
M 4	15 33	13 32	4 50	22 58	2 25	24 41	1 44	2 32	1 44	6 25	1 0	18 26	0 27	23 30	0 8	22 23	1 4	14 22	8 36	6 10	5 47	16 53	14 36	7 1						
T 5	15 51	10 5	4 12	23 18	2 29	24 49	1 46	2 31	1 41	6 21	1 0	18 25	0 28	23 30	0 8	22 23	1 4	14 22	8 36	6 10	5 46	16 52	14 35	7 2						
W 6	16 8	6 8	3 20	23 36	2 31	24 57	1 48	2 30	1 39	6 17	1 0	18 25	0 28	23 30	0 8	22 23	1 4	14 23	8 36	6 10	5 44	16 51	14 35	7 2						
T 7	16 25	1 53	2 17	23 51	2 33	25 3	1 51	2 28	1 36	6 13	1 1	18 25	0 28	23 30	0 8	22 23	1 4	14 23	8 36	6 11	5 43	16 50	14 34	7 3						
F 8	16 42	2s23	1 7	24 4	2 33	25 9	1 53	2 27	1 33	6 9	1 1	18 25	0 28	23 30	0 8	22 23	1 4	14 23	8 35	6 11	5 42	16 49	14 34	7 3						
S 9	16 59	6 29	0n 5	24 15	2 33	25 15	1 55	2 25	1 31	6 5	1 1	18 25	0 28	23 29	0 8	22 23	1 4	14 23	8 35	6 12	5 41	16 48	14 33	7 4						
S 10	17 15	10 12	1 16	24 23	2 32	25 19	1 57	2 22	1 28	6 1	1 1	18 24	0 28	23 29	0 8	22 23	1 4	14 24	8 35	6 11	5 39	16 47	14 33	7 4						
M11	17 31	13 23	2 22	24 30	2 30	25 23	1 59	2 20	1 26	5 57	1 1	18 24	0 28	23 29	0 8	22 23	1 4	14 24	8 35	6 10	5 38	16 46	14 32	7 5						
T 12	17 46	15 52	3 19	24 34	2 26	25 27	2 0	2 17	1 23	5 53	1 2	18 24	0 28	23 29	0 8	22 23	1 4	14 24	8 35	6 9	5 37	16 45	14 32	7 6						
W13	18 2	17 34	4 6	24 37	2 22	25 29	2 2	2 14	1 21	5 50	1 2	18 24	0 29	23 29	0 8	22 23	1 3	14 24	8 35	6 7	5 36	16 45	14 32	7 6						
T 14	18 17	18 25	4 40	24 38	2 17	25 31	2 4	2 10	1 19	5 46	1 2	18 24	0 29	23 29	0 8	22 23	1 3	14 24	8 35	6 4	5 34	16 44	14 31	7 7						
F 15	18 32	18 24	5 2	24 36	2 10	25 32	2 6	2 7	1 16	5 42	1 2	18 24	0 29	23 29	0 8	22 23	1 3	14 25	8 34	6 2	5 33	16 43	14 31	7 7						
S 16	18 46	17 34	5 10	24 33	2 3	25 32	2 7	2 3	1 14	5 39	1 3	18 24	0 29	23 29	0 8	22 23	1 3	14 25	8 34	5 59	5 32	16 42	14 30	7 8						
S 17	19 0	15 58	5 4	24 29	1 55	25 32	2 9	1 59	1 11	5 35	1 3	18 24	0 29	23 29	0 8	22 23	1 3	14 25	8 34	5 57	5 31	16 41	14 30	7 8						
M18	19 14	13 42	4 46	24 22	1 45	25 31	2 10	1 54	1 9	5 32	1 3	18 24	0 29	23 29	0 8	22 23	1 3	14 25	8 34	5 56	5 30	16 40	14 30	7 9						
T 19	19 28	10 51	4 15	24 14	1 35	25 30	2 11	1 50	1 7	5 28	1 3	18 24	0 29	23 29	0 8	22 23	1 3	14 26	8 34	5 55	5 28	16 39	14 30	7 9						
W20	19 41	7 31	3 33	24 5	1 24	25 27	2 13	1 45	1 5	5 25	1 3	18 24	0 29	23 29	0 8	22 23	1 3	14 26	8 34	5 55	5 27	16 38	14 29	7 10						
T 21	19 54	3 48	2 40	23 53	1 11	25 24	2 14	1 40	1 2	5 22	1 4																			

SWISS EPHEMERIS for the year 1903

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	16 33 12	9II19°52	18Ω55	13°R19	20Ω57	0Ω18	20H27	9°R13	24°R15	2Ω30	18II56	14°R21	13Ω11	23Ω14	22°R13
T 2	16 37 9	10°17'21	3III 4	12II46	22° 5	0°33	20°35	9Ω12	24°13	2°32	18°57	14Ω19	13° 7	23°21	22Ω10
W 3	16 41 5	11°14'49	16°53	12°13	23°12	0°48	20°42	9°11	24°10	2°34	18°59	14°D19	13° 4	23°28	22° 8
T 4	16 45 2	12°12'16	0Ω23	11°40	24°19	1° 4	20°49	9° 9	24° 8	2°36	19° 0	14°19	13° 1	23°34	22° 5
F 5	16 48 59	13° 9'42	13°36	11° 6	25°26	1°21	20°56	9° 8	24° 5	2°38	19° 2	14°R20	12°58	23°41	22° 3
S 6	16 52 55	14° 7'06	26°33	10°34	26°32	1°38	21° 3	9° 6	24° 3	2°40	19° 3	14°19	12°55	23°48	22° 0
S 7	16 56 52	15° 4'30	9III17	10° 2	27°39	1°55	21°10	9° 5	24° 1	2°43	19° 4	14°17	12°52	23°54	21°58
M 8	17 0 48	16° 1'52	21°50	9°33	28°45	2°13	21°16	9° 3	23°58	2°45	19° 6	14°11	12°48	24° 1	21°55
T 9	17 4 45	16°59'14	4Ω14	9° 6	29°51	2°31	21°23	9° 1	23°56	2°47	19° 7	14° 3	12°45	24° 8	21°53
W10	17 8 41	17°56'35	16°29	8°41	0Ω57	2°50	21°29	8°59	23°53	2°49	19° 9	13°53	12°42	24°15	21°50
T 11	17 12 38	18°53'54	28°36	8°20	2° 3	3° 9	21°35	8°57	23°51	2°51	19°10	13°42	12°39	24°21	21°47
F 12	17 16 34	19°51'14	10Ω36	8° 3	3° 9	3°29	21°41	8°55	23°48	2°53	19°11	13°30	12°36	24°28	21°44
S 13	17 20 31	20°48'32	22°32	7°49	4°14	3°49	21°47	8°53	23°46	2°56	19°13	13°19	12°32	24°35	21°41
S 14	17 24 28	21°45'50	4Ω24	7°39	5°19	4° 9	21°52	8°51	23°44	2°58	19°14	13° 9	12°29	24°41	21°38
M15	17 28 24	22°43'08	16°15	7°34	6°24	4°30	21°58	8°49	23°41	3° 0	19°16	13° 1	12°26	24°48	21°36
T 16	17 32 21	23°40'25	28° 9	7°D33	7°29	4°51	22° 3	8°46	23°39	3° 2	19°17	12°56	12°23	24°55	21°33
W17	17 36 17	24°37'41	10H10	7°36	8°34	5°13	22° 8	8°44	23°36	3° 4	19°18	12°53	12°20	25° 2	21°29
T 18	17 40 14	25°34'58	22°23	7°44	9°38	5°35	22°13	8°41	23°34	3° 7	19°20	12°D52	12°17	25° 8	21°26
F 19	17 44 10	26°32'14	4V°52	7°57	10°42	5°57	22°18	8°38	23°31	3° 9	19°21	12°52	12°13	25°15	21°23
S 20	17 48 7	27°29'30	17°42	8°14	11°46	6°20	22°23	8°36	23°29	3°11	19°23	12°R52	12°10	25°22	21°20
S 21	17 52 3	28°26'46	0Ω58	8°36	12°50	6°43	22°27	8°33	23°26	3°13	19°24	12°51	12° 7	25°29	21°17
M22	17 56 0	29°24'01	14°43	9° 3	13°53	7° 7	22°31	8°30	23°24	3°16	19°25	12°48	12° 4	25°35	21°14
T 23	17 59 57	0Ω21'17	28°56	9°34	14°56	7°31	22°36	8°27	23°22	3°18	19°27	12°42	12° 1	25°42	21°10
W24	18 3 53	1°18'32	13II36	10°10	15°59	7°55	22°39	8°24	23°19	3°20	19°28	12°34	11°58	25°49	21° 7
T 25	18 7 50	2°15'47	28°36	10°50	17° 2	8°20	22°43	8°21	23°17	3°22	19°29	12°24	11°54	25°55	21° 4
F 26	18 11 46	3°13'02	13Ω48	11°34	18° 4	8°45	22°47	8°18	23°14	3°25	19°31	12°13	11°51	26° 2	21° 0
S 27	18 15 43	4°10'16	29° 0	12°23	19° 7	9°10	22°50	8°15	23°12	3°27	19°32	12° 3	11°48	26° 9	20°57
S 28	18 19 39	5° 7'30	14Ω 2	13°16	20° 8	9°36	22°53	8°11	23°10	3°29	19°34	11°55	11°45	26°16	20°53
M29	18 23 36	6° 4'44	28°45	14°14	21°10	10° 2	22°56	8° 8	23° 7	3°31	19°35	11°49	11°42	26°22	20°50
T 30	18 27 32	7Ω 1'57	13III 5	15II15	22Ω11	10Ω28	22H59	8Ω 5	23H 5	3Ω33	19II36	11Ω45	11Ω38	26Ω29	20Ω47

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	21n52	11n 9	4s13	20n39	1s46	24n 8	2n20	0n29	0n39	4s48	1s 6	18s27	0s31	23s28	0s 8	22n23	1s 3	14n28	8s33	5s39	5s12	16s27	14s27	7n15
T 2	22 0	7 14	3 22	20 18	2 3	23 57	2 20	0 21	0 37	4 45	1 7	18 28	0 31	23 28	0 8	22 23	1 3	14 28	8 33	5 39	5 11	16 26	14 27	7 16
W 3	22 8	3 0	2 22	19 58	2 19	23 46	2 20	0 13	0 35	4 43	1 7	18 28	0 31	23 28	0 8	22 23	1 3	14 29	8 33	5 39	5 10	16 25	14 27	7 16
T 4	22 16	1s17	1 14	19 38	2 35	23 34	2 20	0 5	0 34	4 40	1 7	18 29	0 31	23 28	0 8	22 23	1 3	14 29	8 33	5 39	5 9	16 24	14 27	7 17
F 5	22 23	5 26	0 4	19 18	2 50	23 21	2 20	0s 3	0 32	4 38	1 7	18 29	0 32	23 27	0 8	22 22	1 3	14 29	8 33	5 39	5 7	16 23	14 27	7 17
S 6	22 30	9 14	1n 5	19 0	3 4	23 8	2 19	0 11	0 30	4 35	1 8	18 30	0 32	23 27	0 8	22 22	1 3	14 29	8 32	5 39	5 6	16 22	14 27	7 18
S 7	22 37	12 33	2 9	18 43	3 17	22 54	2 19	0 20	0 28	4 33	1 8	18 30	0 32	23 27	0 8	22 22	1 3	14 29	8 32	5 38	5 5	16 21	14 27	7 18
M 8	22 43	15 14	3 6	18 27	3 29	22 40	2 18	0 29	0 26	4 30	1 8	18 31	0 32	23 27	0 8	22 22	1 3	14 29	8 32	5 36	5 4	16 20	14 27	7 18
T 9	22 49	17 11	3 53	18 12	3 40	22 25	2 17	0 38	0 24	4 28	1 9	18 32	0 32	23 27	0 8	22 22	1 3	14 30	8 32	5 33	5 2	16 19	14 27	7 19
W10	22 54	18 18	4 29	17 59	3 49	22 10	2 16	0 47	0 23	4 26	1 9	18 32	0 32	23 27	0 9	22 22	1 3	14 30	8 32	5 29	5 1	16 19	14 27	7 19
T 11	22 59	18 35	4 52	17 48	3 58	21 54	2 15	0 56	0 21	4 24	1 9	18 33	0 32	23 27	0 9	22 22	1 3	14 30	8 32	5 24	5 0	16 18	14 27	7 19
F 12	23 4 18	1 5	2 17	38 4	4 21	38 2	14 1	5 0	19 4	22 1	9 18	33 0	32 23	27 0	9 22	22 1	3 14	30 8	32 5	20 4	59 16	17 14	27 7	20
S 13	23 8 16	39 4	58 17	31 4	10 21	21 2	13 1	15 0	18 4	20 1	10 18	34 0	33 23	27 0	9 22	22 1	3 14	30 8	32 5	15 4	57 16	16 14	27 7	20
S 14	23 12 14	36 4	42 17	25 4	14 21	4 2	11 1	24 0	16 4	18 1	10 18	35 0	33 23	27 0	9 22	22 1	3 14	30 8	32 5	11 4	56 16	15 14	27 7	20
M15	23 15 11	56 4	13 17	21 4	17 20	46 2	10 1	34 0	14 4	16 1	10 18	36 0	33 23	26 0	9 22	22 1	3 14	30 8	32 5	8 4	55 16	14 14	27 7	21
T 16	23 18 8	46 3	34 17	19 4	19 20	28 2	8 1	44 0	13 4	14 1	10 18	36 0	33 23	26 0	9 22	22 1	3 14	31 8	32 5	6 4	54 16	13 14	28 7	21
W17	23 20 5	13 2	44 17	20 4	19 20	10 2	6 1	54 0	11 4	12 1	11 18	37 0	33 23	26 0	9 22	22 1	3 14	31 8	32 5	5 4	52 16	12 14	28 7	21
T 18	23 23 1	24 1	47 17	22 4	18 19	51 2	4 2	4 0	10 4	11 1	11 18	38 0	33 23	26 0	9 22	22 1	3 14	31 8	32 5	5 4	51 16	11 14	28 7	22
F 19	23 24 2n35	0 42	17 26 4	16 19	31 2	2 2	2 15	0 8 4	9 1	11 18	39 0	33 23	26 0	9 22	22 1	3 14	31 8	32 5	5 4	50 16	10 14	28 7	22	
S 20	23 26 6	33 0s26	17 31 4	13 19	11 2	0 2	25 0	7 4	7 1	12 18	40 0	33 23	26 0	9 22	22 1	3 14	31 8	32 5	5 4	49 16	9 14	28 7	22	
S 21	23 26 10	20 1	34 17	39 4	9 18	51 1	58 2	36 0	5 4	6 1	12 18	40 0	34 23	26 0	9 22	22 1	3 14	31 8	32 5	5 4	48 16	8 14	28 7	23
M22	23 27 13	42 2	40 17	47 4	4 18	30 1	55 2	46 0	4 4	4 1	12 18	41 0	34 23	26 0	9 22	22 1	3 14	31 8	32 5	3 4	46 16	7 14	29 7	23
T 23	23 27 16	23 3	38 17	58 3	59 18	9 1	53 2	57 0	2 4	3 1	13 18	42 0	34 23	26 0	9 22	22 1	3 14	31 8	32 5	1 4	45 16	6 14	29 7	23
W24	23 27 18	5 4	24 18	9 3	52 17	48 1	50 3	8 0	1 4	2 1	13 18	43 0	34 23	25 0	9 22	22 1	3 14	32 8	32 4	58 4	44 16	5 14	29 7	23
T 25	23 26 18	34 4	52 18	22 3	44 17	26 1	47 3	19 0s 1	4 1	1 13	18	44 0	34 23	25 0	9 22	22 1	3 14	32 8	32 4	54 4	43 16	4 14	29 7	24
F 26	23 25 17	45 5	1 18	37 3	36 17	4 1	44 3	30 0	2 3	59 1	13 18	45 0	34 23	25 0	9 22	22 1	3 14	32 8	32 4	50 4	41 16	3 14	30 7	24
S 27	23 23 15	40 4	48 18	52 3	27 16	42 1	41 3	41 0	4 3	58 1	14 18	46 0	34 23	25 0	9 22	22 1	3 14	32 8	32 4	46 4	40 16	2 14	30 7	24
S 28	23 21 12	33 4	15 19	8 3	18 16	19 1	38 3	53 0	5 3	57 1	14 18	47 0	34 23	25 0	9 22	22 1	3 14	32 8	32 4	43 4	39 16	1 14	30 7	24
M29	23 19 8	41 3	26 19	24 3	8 15	56 1	34 4	4 0	6 3	56 1	14 18	48 0	35 23	25 0	9 22	22 1	3 14	32 8	32 4	40 4	38 16	0 14	31 7	24
T 30	23n16	4n25	2s25	19n42	2s57	15n33	1n31	4s16																

SWISS EPHEMERIS for the year 1903

JULY 1903

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
W 1	18 31 29	7 ⁵⁹ 59'09	26 ⁵⁹ 59	16 ¹¹ 20	23 ¹² 12	10 ⁵⁴ 54	23 ¹¹ 2	8 ¹ R 1	23 ¹ R 2	3 ³⁶ 36	19 ¹¹ 38	11 ¹ R44	11 ¹ Ω35	26 ³⁶ 36	20 ¹ R43
T 2	18 35 26	8 ⁵⁶ 21	10 ⁵² 28	17 ³⁰	24 ¹³	11 ²¹	23 ⁴	7 ⁵⁷ 57	23 ⁰	3 ³⁸	19 ³⁹	11 ¹ Ω44	11 ¹ Ω32	26 ⁴²	20 ¹ Ω40
F 3	18 39 22	9 ⁵³ 33	23 ³⁵	18 ⁴³	25 ¹³	11 ⁴⁸	23 ⁶	7 ⁵⁴	22 ⁵⁸	3 ⁴⁰	19 ⁴⁰	11 ¹ Ω43	11 ¹ Ω29	26 ⁴⁹	20 ¹ Ω36
S 4	18 43 19	10 ⁵⁰ 45	6 ¹¹ 23	20 ¹	26 ¹³	12 ¹⁶	23 ⁸	7 ⁵⁰	22 ⁵⁵	3 ⁴²	19 ⁴²	11 ¹ Ω42	11 ¹ Ω26	26 ⁵⁶	20 ¹ Ω32
S 5	18 47 15	11 ⁴⁷ 56	18 ⁵⁶	21 ²²	27 ¹²	12 ⁴⁴	23 ¹⁰	7 ⁴⁶	22 ⁵³	3 ⁴⁵	19 ⁴³	11 ¹ Ω38	11 ¹ Ω23	27 ³	20 ¹ Ω29
M 6	18 51 12	12 ⁴⁵ 07	1 ¹⁷ 16	22 ⁴⁷	28 ¹¹	13 ¹²	23 ¹²	7 ⁴³	22 ⁵¹	3 ⁴⁷	19 ⁴⁴	11 ¹ Ω32	11 ¹ Ω19	27 ⁹	20 ¹ Ω25
T 7	18 55 8	13 ⁴² 18	13 ²⁷	24 ¹⁶	29 ¹⁰	13 ⁴⁰	23 ¹³	7 ³⁹	22 ⁴⁹	3 ⁴⁹	19 ⁴⁶	11 ¹ Ω23	11 ¹ Ω16	27 ¹⁶	20 ¹ Ω22
W 8	18 59 5	14 ³⁹ 29	25 ³²	25 ⁴⁸	0 ¹¹ 8	14 ⁸	23 ¹⁵	7 ³⁵	22 ⁴⁶	3 ⁵¹	19 ⁴⁷	11 ¹ Ω11	11 ¹ Ω13	27 ²³	20 ¹ Ω18
T 9	19 3 1	15 ³⁶ 40	7 ³¹	27 ²⁴	1 ⁶	14 ³⁷	23 ¹⁶	7 ³¹	22 ⁴⁴	3 ⁵³	19 ⁴⁸	10 ⁵⁸	11 ¹ Ω10	27 ²⁹	20 ¹ Ω15
F 10	19 6 58	16 ³³ 51	19 ²⁶	29 ⁴	2 ⁴	15 ⁶	23 ¹⁷	7 ²⁷	22 ⁴²	3 ⁵⁶	19 ⁴⁹	10 ⁴⁵	11 ¹ Ω7	27 ³⁶	20 ¹ Ω11
S 11	19 10 55	17 ³¹ 02	1 ¹⁸	0 ⁵⁴ 7	3 ¹	15 ³⁶	23 ¹⁷	7 ²³	22 ⁴⁰	3 ⁵⁸	19 ⁵¹	10 ³¹	11 ¹ Ω4	27 ⁴³	20 ¹ Ω7
S 12	19 14 51	18 ²⁸ 14	13 ¹⁰	2 ³⁴	3 ⁵⁷	16 ⁵	23 ¹⁸	7 ¹⁹	22 ³⁸	4 ⁰	19 ⁵²	10 ²⁰	11 ¹ Ω0	27 ⁵⁰	20 ¹ Ω4
M13	19 18 48	19 ²⁵ 26	25 ³	4 ²³	4 ⁵³	16 ³⁵	23 ¹⁸	7 ¹⁵	22 ³⁶	4 ²	19 ⁵³	10 ¹⁰	10 ⁵⁷	27 ⁵⁶	20 ¹ Ω0
T 14	19 22 44	20 ²² 38	6 ¹¹ 58	6 ¹⁶	5 ⁴⁹	17 ⁵	23 ¹⁸	7 ¹¹	22 ³⁴	4 ⁴	19 ⁵⁴	10 ⁴	10 ⁵⁴	28 ³	19 ¹ Ω56
W15	19 26 41	21 ¹⁹ 51	19 ¹	8 ¹¹	6 ⁴⁴	17 ³⁵	23 ¹⁸	7 ⁷	22 ³²	4 ⁶	19 ⁵⁶	10 ⁰	10 ⁵¹	28 ¹⁰	19 ¹ Ω53
T 16	19 30 37	22 ¹⁷ 04	1 ¹⁷ 14	10 ⁹	7 ³⁹	18 ⁶	23 ¹⁸	7 ²	22 ³⁰	4 ⁹	19 ⁵⁷	9 ⁵⁹	10 ⁴⁸	28 ¹⁷	19 ¹ Ω49
F 17	19 34 34	23 ¹⁴ 18	13 ⁴²	12 ⁹	8 ³³	18 ³⁷	23 ¹⁸	6 ⁵⁸	22 ²⁸	4 ¹¹	19 ⁵⁸	9 ¹ D58	10 ⁴⁴	28 ²³	19 ¹ Ω46
S 18	19 38 30	24 ¹¹ 32	26 ²⁹	14 ¹¹	9 ²⁶	19 ⁸	23 ¹⁷	6 ⁵⁴	22 ²⁶	4 ¹³	19 ⁵⁹	9 ¹ R58	10 ⁴¹	28 ³⁰	19 ¹ Ω42
S 19	19 42 27	25 ⁸ 48	9 ¹⁸ 41	16 ¹⁵	10 ¹⁹	19 ³⁹	23 ¹⁶	6 ⁵⁰	22 ²⁴	4 ¹⁵	20 ⁰	9 ⁵⁸	10 ³⁸	28 ³⁷	19 ¹ Ω38
M20	19 46 24	26 ⁶ 04	23 ²⁰	18 ²⁰	11 ¹²	20 ¹⁰	23 ¹⁵	6 ⁴⁵	22 ²²	4 ¹⁷	20 ²	9 ⁵⁵	10 ³⁵	28 ⁴³	19 ¹ Ω35
T 21	19 50 20	27 ³ 21	7 ¹¹ 28	20 ²⁶	12 ⁴	20 ⁴²	23 ¹⁴	6 ⁴¹	22 ²⁰	4 ¹⁹	20 ³	9 ⁵⁰	10 ³²	28 ⁵⁰	19 ¹ Ω31
W22	19 54 17	28 ⁰ 39	22 ⁴	22 ³³	12 ⁵⁵	21 ¹⁴	23 ¹²	6 ³⁷	22 ¹⁸	4 ²¹	20 ⁴	9 ⁴³	10 ²⁹	28 ⁵⁷	19 ¹ Ω28
T 23	19 58 13	28 ⁵ 57	7 ¹⁶ 3	24 ⁴⁰	13 ⁴⁵	21 ⁴⁶	23 ¹¹	6 ³²	22 ¹⁶	4 ²³	20 ⁵	9 ³⁴	10 ²⁵	29 ⁴	19 ¹ Ω24
F 24	20 2 10	29 ⁵⁵ 16	22 ¹⁷	26 ⁴⁸	14 ³⁵	22 ¹⁸	23 ⁹	6 ²⁸	22 ¹⁴	4 ²⁵	20 ⁶	9 ²⁴	10 ²²	29 ¹⁰	19 ¹ Ω21
S 25	20 6 6	0 ¹ Ω2'36	7 ¹⁸ 35	28 ⁵⁵	15 ²⁴	22 ⁵¹	23 ⁷	6 ²³	22 ¹³	4 ²⁸	20 ⁷	9 ¹⁵	10 ¹⁹	29 ¹⁷	19 ¹ Ω17
S 26	20 10 3	1 ⁴⁹ 57	22 ⁴⁷	1 ¹⁸ 2	16 ¹³	23 ²³	23 ⁵	6 ¹⁹	22 ¹¹	4 ³⁰	20 ⁸	9 ⁷	10 ¹⁶	29 ²⁴	19 ¹ Ω14
M27	20 13 59	2 ⁴⁷ 18	7 ¹¹ 42	3 ⁹	17 ⁰	23 ⁵⁶	23 ²	6 ¹⁵	22 ⁹	4 ³²	20 ¹⁰	9 ¹	10 ¹³	29 ³⁰	19 ¹ Ω10
T 28	20 17 56	3 ⁴⁴ 39	22 ¹²	5 ¹⁵	17 ⁴⁷	24 ²⁹	23 ⁰	6 ¹⁰	22 ⁸	4 ³⁴	20 ¹¹	8 ⁵⁸	10 ¹⁰	29 ³⁷	19 ¹ Ω7
W29	20 21 53	4 ⁴² 01	6 ¹⁶ 16	7 ¹⁹	18 ³³	25 ³	22 ⁵⁷	6 ⁶	22 ⁶	4 ³⁶	20 ¹²	8 ¹ D57	10 ⁶	29 ⁴⁴	19 ¹ Ω3
T 30	20 25 49	5 ³⁹ 23	19 ⁵¹	9 ²³	19 ¹⁸	25 ³⁶	22 ⁵⁴	6 ¹	22 ⁴	4 ³⁸	20 ¹³	8 ⁵⁷	10 ³	29 ⁵¹	19 ¹ Ω0
F 31	20 29 46	6 ¹ Ω36'46	3 ¹¹ 0	11 ¹ Ω25	20 ¹¹ 3	26 ¹⁰	22 ¹¹ 51	5 ⁵⁷ 57	22 ¹ 3	4 ⁴⁰ 40	20 ¹⁴ 14	8 ¹ R58	10 ¹ Ω0	29 ⁵⁷ 57	18 ¹ Ω56

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	23n13	0n 1	1s17	19n59	2s46	15n10	1n27	4s27	0s 9	3s55	1s15	18s50	0s35	23s25	0s 9	22n22	1s 3	14n32	8s32	4s38	4s35	15s58	14s31	7n25
T 2	23 9	4s15	0 7	20 17	2 35	14 46	1 23	4 39	0 10	3 54	1 15	18 51	0 35	23 25	0 9	22 21	1 3	14 32	8 32	4 38	4 34	15 57	14 32	7 25
F 3	23 5	8 12	1n 2	20 35	2 23	14 22	1 19	4 51	0 12	3 54	1 15	18 52	0 35	23 24	0 9	22 21	1 3	14 32	8 32	4 38	4 33	15 56	14 32	7 25
S 4	23 0	11 40	2 6	20 54	2 11	13 58	1 15	5 3	0 13	3 53	1 16	18 53	0 35	23 24	0 9	22 21	1 3	14 32	8 32	4 38	4 31	15 55	14 32	7 25
S 5	22 56	14 31	3 3	21 11	1 59	13 33	1 10	5 15	0 14	3 53	1 16	18 54	0 35	23 24	0 9	22 21	1 3	14 32	8 32	4 36	4 30	15 54	14 33	7 25
M 6	22 50	16 40	3 50	21 29	1 46	13 8	1 6	5 27	0 15	3 52	1 16	18 55	0 35	23 24	0 9	22 21	1 3	14 33	8 32	4 34	4 29	15 53	14 33	7 25
T 7	22 45	18 2	4 25	21 46	1 34	12 44	1 1	5 39	0 17	3 52	1 17	18 56	0 35	23 24	0 9	22 21	1 3	14 33	8 32	4 30	4 28	15 52	14 34	7 25
W 8	22 39	18 34	4 49	22 2	1 21	12 19	0 57	5 51	0 18	3 52	1 17	18 57	0 36	23 24	0 9	22 21	1 3	14 33	8 32	4 26	4 26	15 51	14 34	7 26
T 9	22 32	18 15	4 59	22 17	1 8	11 53	0 52	6 3	0 19	3 52	1 17	18 58	0 36	23 24	0 9	22 21	1 3	14 33	8 32	4 21	4 25	15 50	14 35	7 26
F 10	22 25	17 9	4 56	22 32	0 55	11 28	0 47	6 16	0 20	3 51	1 18	19 0	0 36	23 24	0 9	22 21	1 3	14 33	8 32	4 15	4 24	15 48	14 35	7 26
S 11	22 18	15 19	4 41	22 44	0 42	11 3	0 41	6 28	0 21	3 51	1 18	19 1	0 36	23 24	0 9	22 21	1 3	14 33	8 32	4 10	4 23	15 47	14 35	7 26
S 12	22 11	12 50	4 13	22 56	0 30	10 37	0 36	6 40	0 22	3 52	1 18	19 2	0 36	23 23	0 9	22 21	1 3	14 33	8 32	4 5	4 21	15 46	14 36	7 26
M13	22 3	9 49	3 34	23 5	0 17	10 12	0 30	6 53	0 24	3 52	1 19	19 3	0 36	23 23	0 9	22 21	1 3	14 33	8 32	4 2	4 20	15 45	14 36	7 26
T 14	21 54	6 24	2 45	23 13	0 5	9 46	0 25	7 6	0 25	3 52	1 19	19 4	0 36	23 23	0 9	22 21	1 3	14 33	8 32	3 59	4 19	15 44	14 37	7 26
W15	21 45	2 41	1 49	23 18	0n 6	9 20	0 19	7 18	0 26	3 52	1 19	19 5	0 36	23 23	0 9	22 21	1 3	14 33	8 32	3 58	4 18	15 43	14 37	7 26
T 16	21 36	1n12	0 46	23 21	0 18	8 54	0 13	7 31	0 27	3 53	1 19	19 6	0 36	23 23	0 9	22 21	1 3	14 33	8 32	3 57	4 16	15 42	14 38	7 26
F 17	21 27	5 6	0s20	23 22	0 28	8 28	0 6	7 44	0 28	3 53	1 20	19 8	0 37	23 23	0 9	22 21	1 3	14 33	8 32	3 57	4 15	15 41	14 38	7 26
S 18	21 17	8 53	1 26	23 20	0 39	8 2	0 0	7 56	0 29	3 54	1 20	19 9	0 37	23 23	0 9	22 20	1 3	14 33	8 33	3 57	4 14	15 40	14 39	7 26
S 19	21 7	12 20	2 31	23 16	0 48	7 36	0s 7	8 9	0 30	3 54	1 20	19 10	0 37	23 23	0 9	22 20	1 3	14 33	8 33	3 57	4 13	15 39	14 39	7 26
M20	20 56	15 15	3 29	23 9	0 57	7 10	0 13	8 22	0 31	3 55	1 21	19 11	0 37	23 23	0 9	22 20	1 3	14 33	8 33	3 56	4 11	15 38	14 40	7 26
T 21	20 45	17 21	4 16	22 59	1 6	6 44	0 2																	

SWISS EPHEMERIS for the year 1903

AUGUST 1903

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	20 33 42	7♎34'10	15♎48	13♎26	20♎46	26♎44	22♎R48	5°R52	22°R 1	4♎41	20♎15	8°R57	9♎57	0♎ 4	18°R53
S 2	20 37 39	8°31'34	28°16	15°26	21°29	27°18	22♎44	5♎48	22♎ 0	4°43	20°16	8♎55	9°54	0°11	18♎50
M 3	20 41 35	9°28'59	10♎31	17°24	22°10	27°52	22°40	5°43	21°59	4°45	20°17	8°51	9°50	0°17	18°47
T 4	20 45 32	10°26'24	22°36	19°20	22°50	28°27	22°36	5°39	21°57	4°47	20°18	8°45	9°47	0°24	18°43
W 5	20 49 28	11°23'51	4♎34	21°15	23°30	29° 1	22°32	5°34	21°56	4°49	20°19	8°36	9°44	0°31	18°40
T 6	20 53 25	12°21'18	16°28	23° 9	24° 8	29°36	22°28	5°30	21°55	4°51	20°20	8°26	9°41	0°38	18°37
F 7	20 57 22	13°18'46	28°21	25° 1	24°45	0♎11	22°24	5°26	21°53	4°53	20°21	8°16	9°38	0°44	18°34
S 8	21 1 18	14°16'15	10♎13	26°51	25°21	0°46	22°19	5°21	21°52	4°55	20°21	8° 6	9°35	0°51	18°31
S 9	21 5 15	15°13'45	22° 7	28°40	25°55	1°21	22°14	5°17	21°51	4°56	20°22	7°57	9°31	0°58	18°28
M10	21 9 11	16°11'16	4♎ 4	0♎27	26°29	1°57	22° 9	5°13	21°50	4°58	20°23	7°50	9°28	1° 4	18°25
T 11	21 13 8	17° 8'48	16° 7	2°13	27° 1	2°32	22° 4	5° 8	21°49	5° 0	20°24	7°45	9°25	1°11	18°22
W12	21 17 4	18° 6'21	28°17	3°57	27°31	3° 8	21°59	5° 4	21°48	5° 2	20°25	7°43	9°22	1°18	18°19
T 13	21 21 1	19° 3'56	10♎36	5°40	28° 0	3°44	21°54	5° 0	21°47	5° 3	20°26	7°D42	9°19	1°25	18°16
F 14	21 24 57	20° 1'33	23°310	7°21	28°28	4°20	21°48	4°55	21°46	5° 5	20°26	7°43	9°16	1°31	18°13
S 15	21 28 54	20°59'10	5♎59	9° 1	28°54	4°57	21°43	4°51	21°45	5° 7	20°27	7°44	9°12	1°38	18°10
S 16	21 32 51	21°56'50	19°10	10°39	29°18	5°33	21°37	4°47	21°44	5° 9	20°28	7°R45	9° 9	1°45	18° 8
M17	21 36 47	22°54'31	2♎43	12°16	29°41	6°10	21°31	4°43	21°44	5°10	20°29	7°45	9° 6	1°51	18° 5
T 18	21 40 44	23°52'13	16°42	13°51	0♎ 2	6°46	21°25	4°39	21°43	5°12	20°30	7°43	9° 3	1°58	18° 2
W19	21 44 40	24°49'58	1♎ 5	15°25	0°21	7°23	21°18	4°35	21°42	5°13	20°30	7°39	9° 0	2° 5	18° 0
T 20	21 48 37	25°47'43	15°51	16°58	0°38	8° 0	21°12	4°31	21°42	5°15	20°31	7°34	8°56	2°12	17°57
F 21	21 52 33	26°45'31	0♎52	18°29	0°54	8°37	21° 6	4°27	21°41	5°17	20°32	7°28	8°53	2°18	17°55
S 22	21 56 30	27°43'20	16° 1	19°58	1° 7	9°15	20°59	4°23	21°40	5°18	20°32	7°22	8°50	2°25	17°52
S 23	22 0 26	28°41'10	1♎ 7	21°26	1°19	9°52	20°52	4°19	21°40	5°20	20°33	7°17	8°47	2°32	17°50
M24	22 4 23	29°39'02	16° 1	22°53	1°28	10°30	20°45	4°15	21°39	5°21	20°34	7°14	8°44	2°38	17°48
T 25	22 8 20	0♎36'55	0♎36	24°18	1°36	11° 7	20°38	4°12	21°39	5°22	20°34	7°D12	8°41	2°45	17°46
W26	22 12 16	1°34'50	14°45	25°41	1°41	11°45	20°31	4° 8	21°39	5°24	20°35	7°12	8°37	2°52	17°43
T 27	22 16 13	2°32'46	28°27	27° 3	1°43	12°23	20°24	4° 4	21°38	5°25	20°35	7°13	8°34	2°58	17°41
F 28	22 20 9	3°30'43	11♎42	28°23	1°R44	13° 2	20°17	4° 1	21°38	5°27	20°36	7°15	8°31	3° 5	17°39
S 29	22 24 6	4°28'41	24°34	29°42	1°42	13°40	20° 9	3°57	21°38	5°28	20°36	7°16	8°28	3°12	17°37
S 30	22 28 2	5°26'41	7♎ 5	0♎59	1°38	14°18	20° 2	3°54	21°38	5°29	20°37	7°R17	8°25	3°19	17°35
M31	22 31 59	6♎24'42	19♎20	2♎14	1♎32	14♎57	19♎55	3♎50	21♎38	5♎31	20♎37	7♎16	8♎21	3♎25	17♎33

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	18n23	13s39	3n 3	18n30	1n47	2n 2	1s47	10s58	0s42	4s 9	1s24	19s26	0s38	23s21	0s 9	22n19	1s 3	14n33	8s34	3s33	3s56	15s25	14s47	7n24
S 2	18 8 16	1 3	52	17 54	1 46	1 37	1 55	11 11	0 43	4 11	1 24	19 27	0 38	23 21	0 9	22 19	1 3	14 33	8 34	3 32	3 55	15 24	14 48	7 24
M 3	17 53 17	36 4	35	17 17	1 45	1 12	2 4	11 25	0 44	4 12	1 25	19 28	0 38	23 21	0 9	22 19	1 3	14 33	8 34	3 31	3 54	15 23	14 48	7 24
T 4	17 38 18	22 4	53	16 39	1 43	0 48	2 14	11 38	0 45	4 14	1 25	19 29	0 38	23 21	0 9	22 19	1 3	14 33	8 34	3 28	3 53	15 22	14 49	7 24
W 5	17 22 18	19 5	4	16 0	1 41	0 24	2 23	11 51	0 46	4 16	1 25	19 30	0 38	23 21	0 9	22 19	1 3	14 33	8 34	3 25	3 51	15 21	14 50	7 23
T 6	17 6 17	26 5	2	15 21	1 38	0s 0	2 33	12 4	0 47	4 18	1 26	19 31	0 38	23 21	0 9	22 19	1 3	14 33	8 34	3 21	3 50	15 20	14 50	7 23
F 7	16 50 15	49 4	46	14 40	1 34	0 24	2 42	12 17	0 48	4 20	1 26	19 33	0 38	23 21	0 9	22 19	1 3	14 33	8 34	3 17	3 49	15 19	14 51	7 23
S 8	16 33 13	32 4	19	13 59	1 30	0 47	2 52	12 30	0 48	4 22	1 26	19 34	0 39	23 21	0 9	22 19	1 3	14 33	8 34	3 13	3 48	15 17	14 51	7 23
S 9	16 17 10	41 3	40	13 17	1 26	1 10	3 2	12 43	0 49	4 24	1 26	19 35	0 39	23 21	0 9	22 19	1 3	14 33	8 34	3 9	3 46	15 16	14 52	7 22
M10	15 59 7	22 2	51	12 35	1 21	1 32	3 12	12 56	0 50	4 26	1 27	19 36	0 39	23 21	0 9	22 19	1 3	14 33	8 35	3 6	3 45	15 15	14 53	7 22
T 11	15 42 3	44 1	54	11 52	1 16	1 54	3 23	13 9	0 51	4 28	1 27	19 37	0 39	23 21	0 9	22 19	1 3	14 33	8 35	3 5	3 44	15 14	14 53	7 22
W12	15 25 0n	5 0	51	11 9	1 10	2 16	3 33	13 22	0 52	4 31	1 27	19 38	0 39	23 21	0 9	22 19	1 3	14 33	8 35	3 4	3 43	15 13	14 54	7 22
T 13	15 7 3	58 0s	16	10 26	1 4	2 37	3 44	13 35	0 52	4 33	1 27	19 39	0 39	23 21	0 9	22 18	1 3	14 33	8 35	3 4	3 41	15 12	14 55	7 21
F 14	14 49 7	44 1	23	9 43	0 58	2 58	3 54	13 48	0 53	4 36	1 28	19 40	0 39	23 21	0 9	22 18	1 3	14 33	8 35	3 4	3 40	15 11	14 55	7 21
S 15	14 30 11	13 2	27	8 59	0 51	3 18	4 5	14 1	0 54	4 38	1 28	19 41	0 39	23 20	0 9	22 18	1 3	14 32	8 35	3 4	3 39	15 10	14 56	7 21
S 16	14 12 14	14 3	25	8 16	0 45	3 38	4 16	14 14	0 55	4 40	1 28	19 43	0 39	23 20	0 9	22 18	1 3	14 32	8 35	3 5	3 38	15 9	14 57	7 20
M17	13 53 16	34 4	14	7 32	0 37	3 57	4 27	14 27	0 55	4 43	1 28	19 44	0 39	23 20	0 9	22 18	1 3	14 32	8 35	3 5	3 36	15 7	14 57	7 20
T 18	13 34 17	59 4	49	6 49	0 30	4 16	4 38	14 40	0 56	4 46	1 28	19 45	0 39	23 20	0 9	22 18	1 3	14 32	8 35	3 4	3 35	15 6	14 58	7 20
W19	13 15 18	19 5	7	6 6	0 22	4 34	4 49	14 52	0 57	4 48	1 29	19 46	0 39	23 20	0 9	22 18	1 3	14 32	8 36	3 2	3 34	15 5	14 59	7 19
T 20	12 56 17	26 5	6	5 23	0 15	4 51	5 1	15 5	0 57	4 51	1 29	19 47	0 39	23 20	0 9	22 18	1 3	14 32	8 36	3 0	3 33	15 4	14 59	7 19
F 21	12 36 15	21 4	44	4 40	0 7	5 8	5 12	15 18	0 58	4 54	1 29	19 48	0 39	23 20	0 9	22 18	1 3	14 32	8 36	2 58	3 31	15 3	15 0	7 19
S 22	12 16 12	11 4	2	3 57	0s 2	5 23	5 23	15 30	0 59	4 57	1 29	19 49	0 39	23 20	0 9	22 18	1 3	14 32	8 36	2 55	3 30	15 2	15 1	7 18
S 23	11 56 8	13 3	4	3 15	0 10	5 38	5 35	15 43	0 59	4 59	1 29	19 50	0 40	23 20	0 9	22 18	1 3	14 32	8 36	2 54	3 29	15 1	15 1	7 18
M24	11 36 3	47 1	53	2 33	0 18	5 52	5 46	15 55	0 5	2 1	30	19 51</												

SWISS EPHEMERIS for the year 1903

SEPTEMBER 1903

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	
T 1	22 35 55	7 ^h 22'45"	1 ^h 23'	3 ^h 27'	1 ^h R23	15 ^h M36	19 ^h R47	3 ^h R47	21 ^h D38	5 ^h 32'	20 ^h II38	7 ^h R14	8 ^h 18'	3 ^h 32'	17 ^h R32	
W 2	22 39 52	8 ^h 20'49"	13 ^h 19'	4 ^h 39'	1 ^h 11'	16 ^h 14'	19 ^h R39	3 ^h 44'	21 ^h R38	5 ^h 33'	20 ^h 38'	7 ^h 10'	8 ^h 15'	3 ^h 39'	17 ^h R30	
T 3	22 43 49	9 ^h 18'54"	25 ^h 11'	5 ^h 49'	0 ^h 57'	16 ^h 53'	19 ^h 32'	3 ^h 40'	21 ^h 38'	5 ^h 34'	20 ^h 39'	7 ^h 6'	8 ^h 12'	3 ^h 45'	17 ^h R28	
F 4	22 47 45	10 ^h 17'01"	7 ^h 33'	6 ^h 56'	0 ^h 41'	17 ^h 32'	19 ^h 24'	3 ^h 37'	21 ^h 38'	5 ^h 35'	20 ^h 39'	7 ^h 1'	8 ^h 9'	3 ^h 52'	17 ^h R27	
S 5	22 51 42	11 ^h 15'10"	18 ^h 57'	8 ^h 1'	0 ^h 23'	18 ^h 12'	19 ^h 16'	3 ^h 34'	21 ^h 38'	5 ^h 37'	20 ^h 39'	6 ^h 57'	8 ^h 6'	3 ^h 59'	17 ^h R25	
S 6	22 55 38	12 ^h 13'20"	0 ^h 57'	9 ^h 4'	0 ^h 2'	18 ^h 51'	19 ^h 8'	3 ^h 31'	21 ^h 38'	5 ^h 38'	20 ^h 40'	6 ^h 53'	8 ^h 2'	4 ^h 6'	17 ^h R24	
M 7	22 59 35	13 ^h 11'31"	13 ^h 2'	10 ^h 5'	29 ^h M39	19 ^h 30'	19 ^h 0'	3 ^h 28'	21 ^h 39'	5 ^h 39'	20 ^h 40'	6 ^h 50'	7 ^h 59'	4 ^h 12'	17 ^h R22	
T 8	23 3 31	14 ^h 9'45"	25 ^h 16'	11 ^h 3'	29 ^h 14'	20 ^h 10'	18 ^h 52'	3 ^h 25'	21 ^h 39'	5 ^h 40'	20 ^h 40'	6 ^h 48'	7 ^h 56'	4 ^h 19'	17 ^h R21	
W 9	23 7 28	15 ^h 8'00"	7 ^h 40'	11 ^h 58'	11 ^h 58'	28 ^h 47'	20 ^h 50'	18 ^h 45'	3 ^h 23'	21 ^h 39'	5 ^h 41'	20 ^h 41'	6 ^h D48	7 ^h 53'	4 ^h 26'	17 ^h R20
T 10	23 11 24	16 ^h 6'17"	20 ^h 14'	12 ^h 51'	28 ^h 19'	21 ^h 29'	18 ^h 37'	3 ^h 20'	21 ^h 40'	5 ^h 42'	20 ^h 41'	6 ^h 48'	7 ^h 50'	4 ^h 32'	17 ^h R19	
F 11	23 15 21	17 ^h 4'36"	3 ^h 1'	13 ^h 40'	27 ^h 48'	22 ^h 9'	18 ^h 29'	3 ^h 17'	21 ^h 40'	5 ^h 43'	20 ^h 41'	6 ^h 50'	7 ^h 47'	4 ^h 39'	17 ^h R18	
S 12	23 19 17	18 ^h 2'57"	16 ^h 3'	14 ^h 26'	27 ^h 16'	22 ^h 49'	18 ^h 21'	3 ^h 15'	21 ^h 41'	5 ^h 44'	20 ^h 41'	6 ^h 51'	7 ^h 43'	4 ^h 46'	17 ^h R17	
S 13	23 23 14	19 ^h 1'21"	29 ^h 20'	15 ^h 9'	26 ^h 43'	23 ^h 30'	18 ^h 13'	3 ^h 12'	21 ^h 41'	5 ^h 45'	20 ^h 42'	6 ^h 52'	7 ^h 40'	4 ^h 53'	17 ^h R16	
M14	23 27 11	19 ^h 59'46"	12 ^h II55	15 ^h 47'	26 ^h 8'	24 ^h 10'	18 ^h 5'	3 ^h 10'	21 ^h 42'	5 ^h 46'	20 ^h 42'	6 ^h 53'	7 ^h 37'	4 ^h 59'	17 ^h R15	
T 15	23 31 7	20 ^h 58'14"	26 ^h 48'	16 ^h 22'	25 ^h 33'	24 ^h 50'	17 ^h 57'	3 ^h 8'	21 ^h 43'	5 ^h 47'	20 ^h 42'	6 ^h R53	7 ^h 34'	5 ^h 6'	17 ^h R14	
W16	23 35 4	21 ^h 56'44"	10 ^h 59'	16 ^h 52'	24 ^h 56'	25 ^h 31'	17 ^h 49'	3 ^h 6'	21 ^h 43'	5 ^h 47'	20 ^h 42'	6 ^h 52'	7 ^h 31'	5 ^h 13'	17 ^h R13	
T 17	23 39 0	22 ^h 55'16"	25 ^h 26'	17 ^h 17'	24 ^h 20'	26 ^h 11'	17 ^h 41'	3 ^h 4'	21 ^h 44'	5 ^h 48'	20 ^h 42'	6 ^h 51'	7 ^h 27'	5 ^h 19'	17 ^h R13	
F 18	23 42 57	23 ^h 53'50"	10 ^h Ω 6	17 ^h 37'	23 ^h 43'	26 ^h 52'	17 ^h 33'	3 ^h 2'	21 ^h 45'	5 ^h 49'	20 ^h 42'	6 ^h 50'	7 ^h 24'	5 ^h 26'	17 ^h R12	
S 19	23 46 53	24 ^h 52'27"	24 ^h 52'	17 ^h 52'	23 ^h 6'	27 ^h 33'	17 ^h 25'	3 ^h 0'	21 ^h 46'	5 ^h 50'	20 ^h 42'	6 ^h 48'	7 ^h 21'	5 ^h 33'	17 ^h R12	
S 20	23 50 50	25 ^h 51'05"	9 ^h M38	18 ^h 1'	22 ^h 29'	28 ^h 14'	17 ^h 17'	2 ^h 58'	21 ^h 47'	5 ^h 50'	20 ^h 42'	6 ^h 47'	7 ^h 18'	5 ^h 39'	17 ^h R11	
M21	23 54 46	26 ^h 49'45"	24 ^h 17'	18 ^h R 4	21 ^h 53'	28 ^h 55'	17 ^h 9'	2 ^h 56'	21 ^h 48'	5 ^h 51'	20 ^h 42'	6 ^h 46'	7 ^h 15'	5 ^h 46'	17 ^h R11	
T 22	23 58 43	27 ^h 48'28"	8 ^h 42'	18 ^h 0'	21 ^h 17'	29 ^h 36'	17 ^h 2'	2 ^h 54'	21 ^h 49'	5 ^h 52'	20 ^h R42	6 ^h D46	7 ^h 12'	5 ^h 53'	17 ^h R11	
W23	0 2 40	28 ^h 47'12"	22 ^h 47'	17 ^h 49'	20 ^h 43'	0 ^h 51'17	16 ^h 54'	2 ^h 53'	21 ^h 50'	5 ^h 52'	20 ^h 42'	6 ^h 46'	7 ^h 8'	6 ^h 0'	17 ^h R11	
T 24	0 6 36	29 ^h 45'58"	6 ^h M29	17 ^h 32'	20 ^h 9'	0 ^h 59'	16 ^h 46'	2 ^h 51'	21 ^h 51'	5 ^h 53'	20 ^h 42'	6 ^h 47'	7 ^h 5'	6 ^h 6'	17 ^h R11	
F 25	0 10 33	0 ^h 44'46"	19 ^h 48'	17 ^h 7'	19 ^h 37'	1 ^h 40'	16 ^h 39'	2 ^h 50'	21 ^h 52'	5 ^h 53'	20 ^h 42'	6 ^h 48'	7 ^h 2'	6 ^h 13'	17 ^h D11	
S 26	0 14 29	1 ^h 43'36"	2 ^h 57'43	16 ^h 34'	19 ^h 6'	2 ^h 22'	16 ^h 31'	2 ^h 49'	21 ^h 53'	5 ^h 54'	20 ^h 42'	6 ^h 48'	6 ^h 59'	6 ^h 20'	17 ^h R11	
S 27	0 18 26	2 ^h 42'28"	15 ^h 18'	15 ^h 55'	18 ^h 37'	3 ^h 4'	16 ^h 24'	2 ^h 48'	21 ^h 55'	5 ^h 54'	20 ^h 42'	6 ^h 48'	6 ^h 56'	6 ^h 26'	17 ^h R11	
M28	0 22 22	3 ^h 41'21"	27 ^h 36'	15 ^h 8'	18 ^h 10'	3 ^h 45'	16 ^h 17'	2 ^h 47'	21 ^h 56'	5 ^h 55'	20 ^h 42'	6 ^h 49'	6 ^h 52'	6 ^h 33'	17 ^h R11	
T 29	0 26 19	4 ^h 40'16"	9 ^h R40	14 ^h 15'	17 ^h 45'	4 ^h 27'	16 ^h 10'	2 ^h 46'	21 ^h 58'	5 ^h 55'	20 ^h 42'	6 ^h R49	6 ^h 49'	6 ^h 40'	17 ^h R11	
W30	0 30 15	5 ^h 39'13"	21 ^h R36	13 ^h 16'	17 ^h M22	5 ^h 57' 9	16 ^h 5 3	2 ^h 45'	21 ^h 59'	5 ^h 55'	20 ^h II42	6 ^h 49'	6 ^h 46'	6 ^h 47'	17 ^h R12	

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat					
T 1	8n48	18s15	5n11	2s45	1s29	7s10	7s13	17s33	1s 5	5s26	1s31	19s58	0s40	23s20	0s 9	22n17	1s 3	14n31	8s37	2s52	3s18	14s50	15s 7	7n14
W 2	8 27	17 37	5 11	3 21	1 38	7 15	7 23	17 45	1 5	5 29	1 31	19 59	0 40	23 20	0 9	22 17	1 3	14 31	8 37	2 51	3 16	14 49	15 8	7 14
T 3	8 5	16 14	4 58	3 57	1 48	7 18	7 33	17 56	1 6	5 33	1 31	19 59	0 40	23 20	0 9	22 17	1 3	14 31	8 38	2 49	3 15	14 48	15 9	7 13
F 4	7 43	14 8	4 31	4 32	1 57	7 20	7 42	18 8	1 6	5 36	1 31	20 0	0 40	23 20	0 9	22 17	1 3	14 31	8 38	2 47	3 14	14 47	15 9	7 13
S 5	7 21	11 27	3 53	5 6	2 5	7 21	7 51	18 20	1 7	5 39	1 31	20 1	0 40	23 20	0 9	22 17	1 3	14 31	8 38	2 45	3 13	14 46	15 10	7 12
S 6	6 59	8 16	3 4	5 39	2 14	7 20	7 59	18 31	1 8	5 42	1 31	20 2	0 40	23 20	0 9	22 17	1 3	14 30	8 38	2 44	3 11	14 45	15 11	7 12
M 7	6 36	4 43	2 7	6 11	2 23	7 18	8 7	18 42	1 8	5 45	1 31	20 2	0 40	23 20	0 9	22 17	1 3	14 30	8 38	2 43	3 10	14 43	15 11	7 11
T 8	6 14	0 55	1 3	6 42	2 32	7 15	8 14	18 54	1 9	5 48	1 32	20 3	0 40	23 20	0 9	22 16	1 3	14 30	8 38	2 42	3 9	14 42	15 12	7 11
W 9	5 52	2n58	0s 5	7 11	2 40	7 10	8 20	19 5	1 9	5 52	1 32	20 4	0 40	23 20	0 9	22 16	1 3	14 30	8 38	2 42	3 8	14 41	15 12	7 10
T 10	5 29	6 47	1 13	7 40	2 48	7 3	8 26	19 16	1 10	5 55	1 32	20 4	0 40	23 20	0 9	22 16	1 3	14 30	8 39	2 42	3 6	14 40	15 13	7 10
F 11	5 6	10 20	2 20	8 6	2 56	6 56	8 31	19 27	1 10	5 58	1 32	20 5	0 40	23 20	0 9	22 16	1 3	14 30	8 39	2 43	3 5	14 39	15 14	7 9
S 12	4 44	13 27	3 20	8 31	3 4	6 47	8 35	19 37	1 11	6 1	1 32	20 6	0 40	23 20	0 9	22 16	1 3	14 30	8 39	2 43	3 4	14 38	15 14	7 9
S 13	4 21	15 56	4 11	8 55	3 12	6 37	8 38	19 48	1 11	6 4	1 32	20 6	0 40	23 20	0 9	22 16	1 3	14 29	8 39	2 44	3 3	14 36	15 15	7 8
M14	3 58	17 35	4 49	9 16	3 19	6 25	8 40	19 58	1 11	6 8	1 32	20 7	0 40	23 20	0 9	22 16	1 3	14 29	8 39	2 44	3 1	14 35	15 16	7 8
T 15	3 35	18 13	5 11	9 36	3 25	6 12	8 42	20 9	1 12	6 11	1 32	20 7	0 40	23 20	0 9	22 16	1 3	14 29	8 39	2 44	3 0	14 34	15 16	7 7
W16	3 12	17 45	5 15	9 53	3 31	5 59	8 42	20 19	1 12	6 14	1 32	20 8	0 40	23 20	0 9	22 16	1 3	14 29	8 40	2 44	2 59	14 33	15 17	7 7
T 17	2 49	16 9	5 0	10 8	3 37	5 44	8 42	20 29	1 13	6 17	1 32	20 8	0 41	23 20	0 9	22 16	1 4	14 29	8 40	2 43	2 58	14 32	15 17	7 6
F 18	2 25	13 28	4 25	10 20	3 42	5 28	8 41	20 39	1 13	6 20	1 32	20 9	0 41	23 21	0 9	22 16	1 4	14 29	8 40	2 43	2 56	14 31	15 18	7 6
S 19	2 2	9 55	3 32	10 30	3 46	5 11	8 38	20 49	1 14	6 23	1 32	20 9	0 41	23 21	0 9	22 16	1 4	14 29	8					

SWISS EPHEMERIS for the year 1903

OCTOBER 1903

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	0 34 12	6♁38'11	3♁28	12°R12	17°R 1	5♁51	15°R56	2°R44	22♁ 0	5♁56	20°R41	6°D49	6♁43	6♁53	17♁12
F 2	0 38 9	7°37'12	15°21	11♁ 5	16♁42	6°34	15♁49	2♁43	22° 2	5°56	20♁41	6♁49	6°40	7° 0	17°13
S 3	0 42 5	8°36'14	27°18	9°57	16°26	7°16	15°42	2°43	22° 4	5°56	20°41	6°49	6°37	7° 7	17°13
S 4	0 46 2	9°35'18	9♁22	8°48	16°12	7°58	15°35	2°42	22° 5	5°57	20°41	6°49	6°33	7°13	17°14
M 5	0 49 58	10°34'24	21°37	7°40	16° 1	8°41	15°29	2°42	22° 7	5°57	20°40	6°49	6°30	7°20	17°15
T 6	0 53 55	11°33'32	4♁ 5	6°37	15°52	9°23	15°22	2°42	22° 9	5°57	20°40	6°R49	6°27	7°27	17°16
W 7	0 57 51	12°32'41	16°46	5°38	15°45	10° 6	15°16	2°41	22°10	5°57	20°40	6°49	6°24	7°33	17°16
T 8	1 1 48	13°31'53	29°41	4°47	15°41	10°49	15°10	2°D41	22°12	5°57	20°39	6°49	6°21	7°40	17°17
F 9	1 5 44	14°31'07	12♁51	4° 4	15°D40	11°32	15° 4	2°41	22°14	5°57	20°39	6°48	6°18	7°47	17°19
S 10	1 9 41	15°30'24	26°14	3°31	15°40	12°15	14°58	2°41	22°16	5°R57	20°39	6°47	6°14	7°54	17°20
S 11	1 13 37	16°29'42	9♁50	3° 8	15°43	12°58	14°52	2°42	22°18	5°57	20°38	6°46	6°11	8° 0	17°21
M12	1 17 34	17°29'03	23°37	2°56	15°49	13°41	14°47	2°42	22°20	5°57	20°38	6°45	6° 8	8° 7	17°22
T 13	1 21 31	18°28'26	7♁35	2°D55	15°57	14°24	14°42	2°42	22°22	5°57	20°37	6°44	6° 5	8°14	17°24
W14	1 25 27	19°27'52	21°41	3° 4	16° 7	15° 7	14°36	2°43	22°24	5°57	20°37	6°D44	6° 2	8°20	17°25
T 15	1 29 24	20°27'20	5♁55	3°24	16°19	15°50	14°31	2°44	22°26	5°57	20°36	6°44	5°58	8°27	17°27
F 16	1 33 20	21°26'50	20°13	3°54	16°33	16°34	14°26	2°44	22°28	5°57	20°36	6°45	5°55	8°34	17°28
S 17	1 37 17	22°26'22	4♁33	4°34	16°49	17°17	14°22	2°45	22°30	5°56	20°35	6°46	5°52	8°40	17°30
S 18	1 41 13	23°25'57	18°51	5°22	17° 8	18° 1	14°17	2°46	22°33	5°56	20°35	6°48	5°49	8°47	17°32
M19	1 45 10	24°25'34	3♁ 3	6°17	17°28	18°45	14°13	2°47	22°35	5°56	20°34	6°R48	5°46	8°54	17°33
T 20	1 49 6	25°25'13	17° 6	7°20	17°50	19°29	14° 8	2°48	22°37	5°56	20°34	6°48	5°43	9° 1	17°35
W21	1 53 3	26°24'54	0♁56	8°29	18°14	20°12	14° 4	2°49	22°40	5°55	20°33	6°47	5°39	9° 7	17°37
T 22	1 57 0	27°24'37	14°28	9°43	18°40	20°56	14° 1	2°51	22°42	5°55	20°32	6°44	5°36	9°14	17°39
F 23	2 0 56	28°24'22	27°42	11° 1	19° 7	21°40	13°57	2°52	22°44	5°54	20°32	6°41	5°33	9°21	17°41
S 24	2 4 53	29°24'09	10♁36	12°24	19°36	22°25	13°53	2°54	22°47	5°54	20°31	6°38	5°30	9°27	17°44
S 25	2 8 49	0♁23'58	23°11	13°50	20° 7	23° 9	13°50	2°55	22°49	5°54	20°30	6°34	5°27	9°34	17°46
M26	2 12 46	1°23'49	5♁30	15°18	20°39	23°53	13°47	2°57	22°52	5°53	20°30	6°31	5°24	9°41	17°48
T 27	2 16 42	2°23'41	17°35	16°49	21°12	24°37	13°44	2°59	22°55	5°52	20°29	6°29	5°20	9°47	17°50
W28	2 20 39	3°23'35	29°31	18°22	21°47	25°22	13°42	3° 1	22°57	5°52	20°28	6°D28	5°17	9°54	17°53
T 29	2 24 35	4°23'30	11♁23	19°56	22°23	26° 6	13°39	3° 3	23° 0	5°51	20°28	6°28	5°14	10° 1	17°55
F 30	2 28 32	5°23'27	23°15	21°32	23° 1	26°51	13°37	3° 5	23° 3	5°51	20°27	6°29	5°11	10° 8	17°58
S 31	2 32 29	6♁23'26	5♁12	23♁ 9	23♁40	27♁35	13♁35	3♁ 7	23♁ 5	5♁50	20♁26	6♁31	5♁ 8	10♁14	18♁ 1

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	2s38	14s47	4n44	7s33	2s58	1s26	7s 7	22s34	1s18	6s58	1s32	20s13	0s41	23s21	0s 9	22n15	1s 4	14n27	8s42	2s42	2s40	14s15	15s25	6n59
F 2	3 1 12	17 4	9 6	5 3	2 43	1 8	6 56	22 42	1 18	7 0	1 31	20 13	0 41	23 22	0 9	22 15	1 4	14 27	8 42	2 42	2 39	14 14	15 25	6 59
S 3	3 25 9	15 3	22 6	11 2	26 0	51 6	44 22	49 1	18 7	3 1	31 20	13 0	41 23	22 0	9 22	15 1	4 14	27 8	42 2	42 2	38 14	12 15	26 6	58
S 4	3 48 5	48 2	27 5	27 2	8 0	34 6	32 22	56 1	19 7	5 1	31 20	14 0	41 23	22 0	9 22	15 1	4 14	26 8	42 2	42 2	36 14	11 15	26 6	58
M 5	4 11 2	3 1	23 4	43 1	49 0	19 6	19 23	3 1	19 7	8 1	31 20	14 0	41 23	22 0	9 22	15 1	4 14	26 8	42 2	43 2	35 14	10 15	26 6	57
T 6	4 34 1n	51 0	15 3	59 1	29 0	4 6	7 23	10 1	19 7	10 1	31 20	14 0	41 23	22 0	9 22	15 1	4 14	26 8	42 2	43 2	34 14	9 15	27 6	57
W 7	4 58 5	45 0s	55 3	17 1	8 0n	11 5	54 23	17 1	19 7	12 1	31 20	14 0	41 23	22 0	9 22	15 1	4 14	26 8	43 2	43 2	32 14	8 15	27 6	56
T 8	5 21 9	26 2	3 2	38 0	48 0	24 5	41 23	23 1	20 7	15 1	31 20	14 0	41 23	22 0	9 22	15 1	4 14	26 8	43 2	42 2	31 14	6 15	28 6	55
F 9	5 44 12	44 3	7 2	2 28	0 37	5 28	23 30	1 20	7 17	1 31	20 14	0 41	23 22	0 9	22 15	1 4	14 26	8 43	2 42	2 30	14 5	15 28	6 55	
S 10	6 6 15	25 4	1 1	31 0	8 0	48 5	15 23	36 1	20 7	19 1	31 20	14 0	41 23	22 0	9 22	15 1	4 14	25 8	43 2	42 2	29 14	4 15	28 6	54
S 11	6 29 17	17 4	42 1	5 0n	11 0	59 5	2 23	41 1	20 7	21 1	30 20	14 0	41 23	23 0	9 22	15 1	4 14	25 8	43 2	41 2	27 14	3 15	29 6	54
M12	6 52 18	10 5	8 0	44 0	28 1	9 4	49 23	47 1	21 7	23 1	30 20	14 0	41 23	23 0	9 22	15 1	4 14	25 8	43 2	41 2	26 14	1 15	29 6	53
T 13	7 15 17	58 5	17 0	29 0	44 1	18 4	36 23	52 1	21 7	25 1	30 20	14 0	41 23	23 0	9 22	15 1	4 14	25 8	43 2	41 2	25 14	0 15	29 6	53
W14	7 37 16	40 5	6 0	19 0	59 1	26 4	24 23	58 1	21 7	27 1	30 20	14 0	41 23	23 0	9 22	15 1	4 14	25 8	43 2	40 2	24 13	59 15	30 6	52
T 15	8 0 14	20 4	37 0	15 1	12 1	33 4	11 24	2 1	21 7	29 1	30 20	13 0	41 23	23 0	9 22	15 1	4 14	25 8	44 2	41 2	22 13	58 15	30 6	52
F 16	8 22 11	7 3	50 0	17 1	23 1	39 3	58 24	7 1	21 7	30 1	30 20	13 0	41 23	23 0	9 22	15 1	4 14	24 8	44 2	41 2	21 13	56 15	30 6	51
S 17	8 44 7	13 2	49 0	23 1	33 1	44 3	46 24	12 1	21 7	32 1	30 20	13 0	41 23	23 0	9 22	15 1	4 14	24 8	44 2	41 2	20 13	55 15	31 6	51
S 18	9 6 2	55 1	38 0	34 1	42 1	48 3	33 24	16 1	22 7	34 1	29 20	13 0	41 23	23 0	9 22	15 1	4 14	24 8	44 2	42 2	19 13	54 15	31 6	50
M19	9 28 1s	32 0	21 0	50 1	49 1	52 3	21 24	20 1	22 7	35 1	29 20	13 0	41 23	24 0	9 22	15 1	4 14	24 8	44 2	42 2	17 13	53 15	31 6	50
T 20	9 50 5	51 0n	57 1	10 1	54 1	54 3	9 24	24 1	22 7	37 1	29 20	12 0	41 23	24 0	9 22	15 1	4 14	24 8	44 2	42 2	16 13	51 15	32 6	49
W21	10 12 9	47 2	9 1	33 1	59 1	56 2	58 24	27 1	22 7	38 1	29 20	12 0	41 23	24 0	9 22	15 1	4 14	24 8	44 2	42 2	15 13	50 15	32 6	49
T 22	10 33 13	7 3	13 1	59 2	2 1	57 2	46 24	30 1	22 7	39 1	29 20	12 0	41 23	24 0	9 22	15 1	4 14	24 8	44 2	41 2	14 13	49 15	32 6	48
F 23	10 55 15	41 4	5 2	28 2	4 1	56 2	35 24	33 1	22 7	41 1	28 20	12 0	41 23	24 0	9 22	15 1	4 14	23 8	45 2	39 2	12 13	48 15	32 6	48
S 24	11 16 17	23 4	43 2	59 2	5 1	55 2	23 24	36 1	22 7	42 1	28 20	11 0	41 23	24 0	9 22	15 1	4 14	23 8	45 2	38 2	11 13	46 15	33 6	47
S 25	11 37 18	11 5	6 3	32 2	5 1	53 2	12 24	39 1	22 7	43 1	28 20	11 0	41 23	24 0	9 22	15 1	5 14	23 8	45 2	37 2	10 13	45 15	33 6	47
M26	11 58 18	6 5	14 7	2 4	1 51	2 2	24 41	1 22	7 44	1 28	20 10	0 41	23 24	0 9	22 15	1 5	14 23	8 45	2 35	2 9	13 44	15 33	6 46	
T 27	12 19 17	12 5	8 4	44 2	2 1	47 1	51 24	43 1	22 7	45 1	28 20	10 0	41 23	25 0	9 22	15 1	5 14	23 8	45 2	34 2	7 13	43 15	33 6	46
W28	12 39 15	33 4	49 5	21 2	0 1	43 1	41 24	45 1	23 7	46 1	27 20	10 0	41 23	25 0	9 22	15 1	5 14	23 8	45 2	34 2	6 13	41 15	33 6	45
T 29	12 59 13	14 4	18 6	0 1	57 1	38 1	30 24	46 1	23 7	46 1	27 20	9 0	41 23	25 0	9 22	15 1	5 14	23 8	45 2	34 2	5 13	40 15		

SWISS EPHEMERIS for the year 1903

NOVEMBER 1903

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	2 36 25	7♏23°26'	17♋20	24♌46	24♏20	28♏20	13°R33	3♏ 9	23♏ 8	5°R49	20°R25	6♁33	5♁ 4	10♁21	18♁ 3
M 2	2 40 22	8°23'29"	29°41'	26°23'	25° 1'	29° 5'	13♋31	3°12'	23°11'	5♁49	20♏24	6°34'	5° 1'	10°28'	18° 6'
T 3	2 44 18	9°23'32"	12°V19	28° 2'	25°43'	29°50'	13°30'	3°14'	23°14'	5°48'	20°24'	6°R34	4°58'	10°34'	18° 9'
W 4	2 48 15	10°23'38"	25°17'	29°40'	26°27'	0♁35	13°28'	3°17'	23°17'	5°47'	20°23'	6°32'	4°55'	10°41'	18°12'
T 5	2 52 11	11°23'45"	8♁34	1♏18	27°11'	1°20'	13°27'	3°20'	23°20'	5°46'	20°22'	6°29'	4°52'	10°48'	18°15'
F 6	2 56 8	12°23'54"	22° 9'	2°57'	27°57'	2° 5'	13°26'	3°22'	23°23'	5°45'	20°21'	6°24'	4°49'	10°54'	18°18'
S 7	3 0 4	13°24'05"	6♏ 0	4°35'	28°43'	2°50'	13°26'	3°25'	23°25'	5°44'	20°20'	6°19'	4°45'	11° 1'	18°21'
S 8	3 4 1	14°24'18"	20° 4'	6°13'	29°30'	3°35'	13°25'	3°28'	23°28'	5°44'	20°19'	6°12'	4°42'	11° 8'	18°24'
M 9	3 7 58	15°24'33"	4♁15	7°51'	0♁19	4°20'	13°25'	3°31'	23°32'	5°43'	20°18'	6° 7'	4°39'	11°14'	18°28'
T 10	3 11 54	16°24'50"	18°29'	9°29'	1° 8'	5° 5'	13°D25	3°34'	23°35'	5°42'	20°17'	6° 2'	4°36'	11°21'	18°31'
W 11	3 15 51	17°25'09"	2♏44	11° 7'	1°58'	5°51'	13°25'	3°38'	23°38'	5°41'	20°16'	5°59'	4°33'	11°28'	18°34'
T 12	3 19 47	18°25'29"	16°55'	12°44'	2°49'	6°36'	13°25'	3°41'	23°41'	5°40'	20°15'	5°D58	4°29'	11°35'	18°38'
F 13	3 23 44	19°25'52"	1♏ 1	14°21'	3°40'	7°21'	13°26'	3°44'	23°44'	5°39'	20°15'	5°59'	4°26'	11°41'	18°41'
S 14	3 27 40	20°26'17"	15° 1'	15°58'	4°33'	8° 7'	13°27'	3°48'	23°47'	5°38'	20°14'	6° 0'	4°23'	11°48'	18°45'
S 15	3 31 37	21°26'43"	28°54'	17°34'	5°26'	8°52'	13°28'	3°51'	23°50'	5°36'	20°13'	6°R 1	4°20'	11°55'	18°48'
M 16	3 35 33	22°27'12"	12♁38	19°11'	6°20'	9°38'	13°29'	3°55'	23°53'	5°35'	20°12'	6° 1'	4°17'	12° 1'	18°52'
T 17	3 39 30	23°27'42"	26°14'	20°47'	7°14'	10°24'	13°30'	3°59'	23°57'	5°34'	20°11'	5°59'	4°14'	12° 8'	18°56'
W 18	3 43 27	24°28'14"	9♏40	22°23'	8° 9'	11° 9'	13°32'	4° 3'	24° 0'	5°33'	20° 9'	5°55'	4°10'	12°15'	19° 0'
T 19	3 47 23	25°28'48"	22°53'	23°58'	9° 5'	11°55'	13°34'	4° 6'	24° 3'	5°32'	20° 8'	5°48'	4° 7'	12°21'	19° 3'
F 20	3 51 20	26°29'23"	5♏52	25°34'	10° 1'	12°41'	13°36'	4°10'	24° 7'	5°31'	20° 7'	5°40'	4° 4'	12°28'	19° 7'
S 21	3 55 16	27°30'00"	18°37'	27° 9'	10°58'	13°27'	13°38'	4°15'	24°10'	5°29'	20° 6'	5°30'	4° 1'	12°35'	19°11'
S 22	3 59 13	28°30'38"	1♁ 7	28°44'	11°55'	14°13'	13°40'	4°19'	24°13'	5°28'	20° 5'	5°20'	3°58'	12°42'	19°15'
M 23	4 3 9	29°31'17"	13°23'	0♏18	12°53'	14°59'	13°43'	4°23'	24°17'	5°27'	20° 4'	5°10'	3°55'	12°48'	19°19'
T 24	4 7 6	0♏31'58"	25°27'	1°53'	13°52'	15°45'	13°46'	4°27'	24°20'	5°25'	20° 3'	5° 3'	3°51'	12°55'	19°23'
W 25	4 11 2	1°32'40"	7♁22	3°27'	14°51'	16°31'	13°49'	4°32'	24°23'	5°24'	20° 2'	4°57'	3°48'	13° 2'	19°27'
T 26	4 14 59	2°33'23"	19°12'	5° 1'	15°50'	17°17'	13°52'	4°36'	24°27'	5°23'	20° 1'	4°54'	3°45'	13° 8'	19°32'
F 27	4 18 56	3°34'07"	1♁ 2	6°35'	16°50'	18° 3'	13°55'	4°41'	24°30'	5°21'	20° 0'	4°D53	3°42'	13°15'	19°36'
S 28	4 22 52	4°34'51"	12°57'	8° 9'	17°51'	18°50'	13°59'	4°45'	24°34'	5°20'	19°59'	4°53'	3°39'	13°22'	19°40'
S 29	4 26 49	5°35'37"	25° 3'	9°43'	18°51'	19°36'	14° 3'	4°50'	24°37'	5°19'	19°58'	4°54'	3°35'	13°28'	19°44'
M 30	4 30 45	6°36'24"	7♏24	11♏17	19°53'	20°22'	14° 7'	4°55'	24°41'	5°17'	19°56'	4°R54	3°32'	13°35'	19°49'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	13s59	3s25	1n43	7s58	1n45	1n19	1s 1	24s49	1s23	7s48	1s27	20s 8	0s41	23s25	0s 9	22n15	1s 5	14n22	8s45	2s36	2s 1	13s36	15s34	6n43
M 2	14 18	0n27	0 38	8 38	1 40	1 11	0 52	24 50	1 23	7 49	1 26	20 7	0 41	23 25	0 9	22 15	1 5	14 22	8 46	2 36	2 0	13 35	15 34	6 43
T 3	14 38	4 23	0s31	9 18	1 35	1 3	0 43	24 50	1 23	7 49	1 26	20 6	0 41	23 26	0 9	22 15	1 5	14 22	8 46	2 36	1 58	13 34	15 34	6 42
W 4	14 57	8 13	1 40	9 58	1 30	0 53	0 34	24 50	1 23	7 49	1 26	20 6	0 41	23 26	0 9	22 15	1 5	14 22	8 46	2 36	1 57	13 32	15 34	6 42
T 5	15 15	11 45	2 46	10 37	1 24	0 44	0 26	24 49	1 23	7 50	1 26	20 5	0 41	23 26	0 9	22 15	1 5	14 21	8 46	2 35	1 56	13 31	15 34	6 42
F 6	15 34	14 43	3 43	11 17	1 18	0 33	0 17	24 49	1 23	7 50	1 26	20 5	0 41	23 26	0 9	22 15	1 5	14 21	8 46	2 33	1 55	13 30	15 34	6 41
S 7	15 52	16 55	4 28	11 56	1 12	0 22	0 9	24 48	1 23	7 50	1 25	20 4	0 41	23 26	0 9	22 15	1 5	14 21	8 46	2 30	1 53	13 28	15 34	6 41
S 8	16 10	18 7	4 58	12 34	1 5	0 11	0 1	24 47	1 23	7 50	1 25	20 3	0 41	23 26	0 9	22 15	1 5	14 21	8 46	2 28	1 52	13 27	15 34	6 40
M 9	16 28	18 13	5 10	13 12	0 59	0s 1	0n 7	24 45	1 23	7 50	1 25	20 3	0 41	23 27	0 9	22 15	1 5	14 21	8 46	2 26	1 51	13 26	15 34	6 40
T 10	16 45	17 10	5 3	13 50	0 53	0 14	0 14	24 44	1 23	7 49	1 25	20 2	0 41	23 27	0 9	22 15	1 5	14 21	8 46	2 24	1 50	13 25	15 34	6 39
W 11	17 2 15	4 4	4 37	14 26	0 46	0 27	0 21	24 42	1 23	7 49	1 24	20 1	0 41	23 27	0 9	22 15	1 5	14 21	8 46	2 23	1 48	13 23	15 34	6 39
T 12	17 19	12 3	3 55	15 3	0 39	0 41	0 28	24 40	1 23	7 49	1 24	20 0	0 41	23 27	0 9	22 15	1 5	14 21	8 46	2 22	1 47	13 22	15 34	6 39
F 13	17 36	8 21	2 58	15 38	0 32	0 55	0 35	24 37	1 23	7 48	1 24	20 0	0 41	23 27	0 9	22 15	1 5	14 20	8 46	2 23	1 46	13 21	15 34	6 38
S 14	17 52	4 12	1 51	16 13	0 26	1 10	0 42	24 34	1 23	7 48	1 24	19 59	0 41	23 27	0 9	22 15	1 5	14 20	8 46	2 23	1 45	13 19	15 34	6 38
S 15	18 8	0s 9	0 38	16 47	0 19	1 25	0 49	24 31	1 22	7 47	1 23	19 58	0 41	23 27	0 9	22 15	1 5	14 20	8 46	2 24	1 43	13 18	15 34	6 37
M 16	18 23	4 27	0n36	17 20	0 12	1 40	0 55	24 28	1 22	7 47	1 23	19 57	0 41	23 28	0 9	22 15	1 5	14 20	8 46	2 24	1 42	13 17	15 34	6 37
T 17	18 39	8 28	1 47	17 52	0 5	1 56	1 1	24 24	1 22	7 46	1 23	19 56	0 41	23 28	0 9	22 15	1 5	14 20	8 47	2 23	1 41	13 16	15 34	6 37
W 18	18 54	12 0	2 51	18 24	0s 1	2 13	1 7	24 21	1 22	7 45	1 23	19 55	0 41	23 28	0 9	22 15	1 5	14 20	8 47	2 21	1 40	13 14	15 34	6 36
T 19	19 8	14 52	3 45	18 54	0 8	2 29	1 12	24 17	1 22	7 44	1 22	19 54	0 41	23 28	0 9	22 15	1 5	14 20	8 47	2 18	1 38	13 13	15 34	6 36
F 20	19 23	16 56	4 26	19 24	0 15	2 47	1 18	24 12	1 22	7 43	1 22	19 53	0 41	23 28	0 9	22 15	1 5	14 20	8 47	2 15	1 37	13 12	15 33	6 35
S 21	19 37	18 6	4 53	19 53	0 21	3 4	1 23	24 7	1 22	7 42	1 22	19 52	0 41	23 28	0 9	22 15	1 5	14 20	8 47	2 11	1 36	13 10	15 33	6 35
S 22	19 50	18 22	5 5 20	20 0	28 3	22 1	28 24	3 1	22 7	41 1	22 19	51 0	41 23	29 0	9 22	15 1	5 14	19 8	47 2	7 1	35 13	9 15	33 6	35
M 23	20 3	17 45	5 3	20 47	0 34	3 40	1 33	23 57	1 21	7 40	1 22	19 50	0 41	23 29	0 9	22 15	1 5	14 19	8 47	2 3	1 33	13 8	15 33	6 34
T 24	20 16	16 22	4 47	21 13	0 41	3 58	1 38	23 52	1 21	7 38	1 21	19 49	0 41	23 29	0 9	22 15	1 5	14 19	8 47	2 0	1 32	13 6	15 33	6 34
W 25	20 29	14 16	4 19	21 37	0 47	4 17	1 42	23 46	1 21	7 37	1 21	19 48	0 41	23 29	0 9	22 15	1 5	14 19	8 47	1 58	1 31	13 5	15 33	6 34
T 26	20 41	11 36	3 40	22 1	0 53	4 35	1 47	23 40	1 21	7 35	1 21	19 47	0 41	23 29	0 9	22 15	1 5	14 19	8 47	1 57	1 29	13 4	15 32	6 33
F 27	20 53	8 27	2 51	22 23	0 59	4 55	1 51	23 34	1 21	7 34	1 21	19 46	0 41	23 29	0 9	22 15	1 5	14 19	8 47	1 56	1 28	13 2	15 32	6 33
S 28	21 4	4 56	1 55	22 45	1 5	5 14	1 55	23 27	1 21	7 32	1 20	19 45	0 41	23 29	0 9	22 15	1 5	14 19	8 47	1 56	1 27	13 1	15 32	6 33
S 29	21 15	1 10	0 53	23 5	1 11	5 33	1 59	23 21	1 20	7 31	1 20	19 44	0 41	23 30	0 9	22 15	1 5	14 19	8 47	1 57	1 26	13 0	15 32	6 32
M 30	21s25	2n44	0s13	23s24	1s16	5s53	2n 2																	

SWISS EPHEMERIS for the year 1903

DECEMBER 1903

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♅	♁	♂	♄	♃	♅	♁	♂
T 1	4 34 42	7°37'12	20°09' 6	12°51	20°54	21°09	14°11	5°00	24°44	5°R16	19°R55	4°R53	3°29	13°42	19°53	
W 2	4 38 38	8°38'01	3°11	14°24	21°56	21°55	14°15	5°05	24°48	5°14	19°54	4°49	3°26	13°48	19°58	
T 3	4 42 35	9°38'51	16°42	15°58	22°59	22°41	14°20	5°10	24°51	5°13	19°53	4°43	3°23	13°55	20° 2	
F 4	4 46 31	10°39'42	0°11'37	17°32	24° 1	23°28	14°25	5°15	24°55	5°11	19°52	4°35	3°20	14° 2	20° 7	
S 5	4 50 28	11°40'34	14°54	19° 5	25° 4	24°14	14°30	5°20	24°58	5°10	19°51	4°24	3°16	14° 8	20°11	
S 6	4 54 25	12°41'27	29°27	20°39	26° 8	25° 1	14°35	5°25	25° 2	5° 8	19°50	4°13	3°13	14°15	20°16	
M 7	4 58 21	13°42'21	14°08 7	22°12	27°12	25°47	14°40	5°30	25° 6	5° 7	19°48	4° 3	3°10	14°22	20°21	
T 8	5 2 18	14°43'16	28°48	23°46	28°16	26°34	14°45	5°36	25° 9	5° 5	19°47	3°54	3° 7	14°29	20°25	
W 9	5 6 14	15°44'13	13°02'22	25°19	29°20	27°21	14°51	5°41	25°13	5° 4	19°46	3°48	3° 4	14°35	20°30	
T 10	5 10 11	16°45'10	27°45	26°52	0°11'25	28° 7	14°57	5°46	25°16	5° 2	19°45	3°44	3° 1	14°42	20°35	
F 11	5 14 7	17°46'09	11°09'54	28°26	1°30	28°54	15° 3	5°52	25°20	5° 0	19°44	3°43	2°57	14°49	20°39	
S 12	5 18 4	18°47'09	25°47	29°59	2°36	29°41	15° 9	5°58	25°24	4°59	19°43	3°D43	2°54	14°55	20°44	
S 13	5 22 0	19°48'10	9°26	1°33'22	3°41	0°27	15°15	6° 3	25°27	4°57	19°41	3°R43	2°51	15° 2	20°49	
M14	5 25 57	20°49'13	22°51	3° 6	4°47	1°14	15°22	6° 9	25°31	4°55	19°40	3°41	2°48	15° 9	20°54	
T 15	5 29 54	21°50'16	6°11 5	4°38	5°53	2° 1	15°28	6°15	25°34	4°54	19°39	3°38	2°45	15°15	20°59	
W16	5 33 50	22°51'20	19° 6	6°11	7° 0	2°48	15°35	6°20	25°38	4°52	19°38	3°31	2°41	15°22	21° 4	
T 17	5 37 47	23°52'25	1°58	7°44	8° 6	3°35	15°42	6°26	25°42	4°51	19°37	3°21	2°38	15°29	21° 9	
F 18	5 41 43	24°53'31	14°38	9°16	9°13	4°22	15°49	6°32	25°45	4°49	19°36	3° 9	2°35	15°35	21°14	
S 19	5 45 40	25°54'37	27° 8	10°48	10°20	5° 9	15°57	6°38	25°49	4°47	19°34	2°54	2°32	15°42	21°19	
S 20	5 49 36	26°55'44	9°32'27	12°19	11°28	5°55	16° 4	6°44	25°53	4°46	19°33	2°40	2°29	15°49	21°24	
M21	5 53 33	27°56'52	21°36	13°50	12°35	6°42	16°12	6°50	25°56	4°44	19°32	2°26	2°26	15°56	21°29	
T 22	5 57 29	28°58'00	3°35	15°20	13°43	7°29	16°20	6°56	26° 0	4°42	19°31	2°14	2°22	16° 2	21°34	
W23	6 1 26	29°59'08	15°27	16°49	14°51	8°16	16°28	7° 3	26° 4	4°40	19°30	2° 4	2°19	16° 9	21°39	
T 24	6 5 23	1°01'16	27°15	18°16	15°59	9° 3	16°36	7° 9	26° 7	4°39	19°29	1°58	2°16	16°16	21°45	
F 25	6 9 19	2° 1'25	9°11 3	19°43	17° 7	9°50	16°44	7°15	26°11	4°37	19°28	1°54	2°13	16°22	21°50	
S 26	6 13 16	3° 2'34	20°56	21° 7	18°16	10°38	16°52	7°21	26°14	4°35	19°26	1°53	2°10	16°29	21°55	
S 27	6 17 12	4° 3'42	2°58	22°30	19°24	11°25	17° 1	7°28	26°18	4°34	19°25	1°53	2° 7	16°36	22° 0	
M28	6 21 9	5° 4'51	15°15	23°50	20°33	12°12	17°10	7°34	26°22	4°32	19°24	1°52	2° 3	16°42	22° 5	
T 29	6 25 5	6° 5'59	27°53	25° 8	21°42	12°59	17°18	7°41	26°25	4°30	19°23	1°51	2° 0	16°49	22°11	
W30	6 29 2	7° 7'08	10°56	26°22	22°51	13°46	17°27	7°47	26°29	4°29	19°22	1°47	1°57	16°56	22°16	
T 31	6 32 58	8° 8'17	24°28	27°32	24°11	14°33	17°36	7°54	26°32	4°27	19°21	1°41	1°54	17° 2	22°21	

Day	☉	☽	♀	♁	♂	♄	♃	♅	♁	♂	♄	♃	♅	♁	♂									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	21s35	6m37	1s20	23s42	1s22	6s13	2n 6	23s 6	1s20	7s27	1s20	19s42	0s41	23s30	0s 9	22n16	1s 5	14n19	8s47	1s56	1s23	12s57	15s31	6n32
W 2	21 45	10 19	2 25	23 59	1 27	6 33	2 9	22 59	1 20	7 25	1 19	19 41	0 41	23 30	0 9	22 16	1 5	14 19	8 47	1 55	1 22	12 56	15 31	6 31
T 3	21 54	13 35	3 23	24 14	1 32	6 53	2 12	22 51	1 20	7 23	1 19	19 39	0 42	23 30	0 9	22 16	1 5	14 18	8 47	1 53	1 21	12 54	15 30	6 31
F 4	22 3	16 11	4 11	24 28	1 37	7 14	2 15	22 43	1 19	7 21	1 19	19 38	0 42	23 30	0 9	22 16	1 5	14 18	8 47	1 49	1 19	12 53	15 30	6 31
S 5	22 12	17 52	4 45	24 41	1 41	7 34	2 18	22 34	1 19	7 19	1 19	19 37	0 42	23 30	0 9	22 16	1 5	14 18	8 47	1 45	1 18	12 52	15 30	6 30
S 6	22 20	18 26	5 1	24 53	1 46	7 55	2 21	22 26	1 19	7 17	1 18	19 36	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 41	1 17	12 50	15 29	6 30
M 7	22 27	17 46	4 58	25 3	1 50	8 15	2 23	22 17	1 19	7 15	1 18	19 34	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 37	1 16	12 49	15 29	6 30
T 8	22 34	15 56	4 34	25 12	1 54	8 36	2 25	22 8	1 18	7 12	1 18	19 33	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 33	1 14	12 48	15 28	6 30
W 9	22 41	13 5	3 54	25 19	1 57	8 57	2 27	21 58	1 18	7 10	1 18	19 32	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 30	1 13	12 46	15 28	6 29
T 10	22 47	9 28	2 58	25 25	2 1	9 17	2 29	21 49	1 18	7 7	1 18	19 30	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 29	1 12	12 45	15 27	6 29
F 11	22 53	5 22	1 53	25 30	2 4	9 38	2 31	21 39	1 17	7 5	1 17	19 29	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 29	1 11	12 44	15 27	6 29
S 12	22 59	1 2	0 42	25 33	2 7	9 59	2 33	21 29	1 17	7 2	1 17	19 28	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 29	1 9	12 42	15 27	6 29
S 13	23 3	3s17	0n30	25 35	2 9	10 20	2 34	21 19	1 17	7 0	1 17	19 26	0 42	23 32	0 9	22 16	1 5	14 18	8 47	1 29	1 8	12 41	15 26	6 28
M14	23 8	7 21	1 40	25 36	2 11	10 41	2 36	21 8	1 17	6 57	1 17	19 25	0 42	23 32	0 9	22 16	1 5	14 18	8 46	1 28	1 7	12 39	15 26	6 28
T 15	23 12	11 0	2 42	25 35	2 13	11 1	2 37	20 57	1 16	6 54	1 16	19 24	0 42	23 32	0 9	22 16	1 5	14 18	8 46	1 27	1 5	12 38	15 25	6 28
W16	23 15	14 3	3 35	25 32	2 14	11 22	2 38	20 46	1 16	6 51	1 16	19 22	0 42	23 32	0 9	22 16	1 5	14 18	8 46	1 24	1 4	12 37	15 25	6 28
T 17	23 18	16 22	4 17	25 28	2 15	11 42	2 39	20 35	1 16	6 48	1 16	19 21	0 42	23 32	0 9	22 16	1 5	14 18	8 46	1 20	1 3	12 35	15 24	6 28
F 18	23 21	17 51	4 45	25 22	2 15	12 3	2 40	20 24	1 15	6 45	1 16	19 19	0 42	23 32	0 9	22 16	1 5	14 18	8 46	1 15	1 2	12 34	15 24	6 27
S 19	23 23	18 27	4 58	25 15	2 15	12 23	2 40	20 12	1 15	6 42	1 16	19 18	0 42	23 32	0 9	22 17	1 5	14 18	8 46	1 9	1 0	12 33	15 23	6 27
S 20	23 25	18 10	4 58	25 6	2 14	12 43	2 41	20 0	1 15	6 39	1 15	19 16	0 42	23 32	0 9	22 17	1 5	14 18	8 46	1 4	0 59	12 31	15 22	6 27
M21	23 26	17 3	4 43	24 56	2 13	13 4	2 41	19 48	1 14	6 36	1 15	19 15	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 58	0 58	12 30	15 22	6 27
T 22	23 27	15 12	4 17	24 44	2 11	13 24	2 42	19 36	1 14	6 33	1 15	19 13	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 53	0 57	12 29	15 21	6 27
W23	23 27	12 43	3 39	24 31	2 9	13 43	2 42	19 23	1 13	6 30	1 15	19 12	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 49	0 55	12 27	15 21	6 26
T 24	23 27	9 44	2 52	24 17	2 6	14 3	2 42	19 10	1 13	6 26	1 15	19 10	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 47	0 54	12 26	15 20	6 26
F 25	23 26	6 22	1 58	24 1	2 2	14 22	2 42	18 57	1 13	6 23	1 14	19 9	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 45	0 53	12 24	15 19	6 26
S 26	23 25	2 43	0 58	23 44	1 58	14 41	2 41	18 44	1 12	6 19	1 14	19 7	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 45	0 52	12 23	15 19	6 26
S 27	23 23	1n 5	0s 6	23 25	1 52	15 0	2 41	18 31	1 12	6 16	1 14	19 5	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 45	0 50	12 22	15 18	6 26
M28	23 21	4 56	1 10	23 5	1 46	15 19	2 40	18 17	1 11	6 12	1 14	19 4	0 42	23 33	0 9	22 17	1 5	14 18	8 45	0 45	0 49	12 20	15 17	6 26
T 29	23 19	8 39	2 13	22 45	1 39	15 38	2 40	18 4	1 11	6 9	1 14	19 2	0 42											