

SWISS EPHEMERIS for the year 1874

JANUARY 1874

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	6 41 54	10♂27'57	18♂33	21♂45	27♂36	29♂53	1♂25	2♂16	9°R39	25°R46	19°R59	13°R33	12♂0	26♂36	14♂11	
F 2	6 45 50	11°29'05	1♂52	23°10	28°51	0♂39	1°28	2°23	9♂37	25°Y46	19♂59	13♂26	11°57	26°43	14°11	
S 3	6 49 47	12°30'14	14°58	24°35	0♂7	1°26	1°31	2°29	9°35	25°46	19°58	13°16	11°54	26°50	14°12	
S 4	6 53 43	13°31'22	27°51	26° 1	1°22	2°12	1°33	2°36	9°33	25°46	19°57	13° 5	11°51	26°56	14°12	
M 5	6 57 40	14°32'30	10♂28	27°28	2°38	2°58	1°35	2°43	9°30	25°46	19°57	12°53	11°48	27° 3	14°13	
T 6	7 1 37	15°33'38	22°51	28°56	3°53	3°45	1°37	2°50	9°28	25°D46	19°56	12°42	11°44	27°10	14°13	
W 7	7 5 33	16°34'47	5♂ 0	0♂24	5° 8	4°31	1°39	2°57	9°26	25°46	19°56	12°32	11°41	27°16	14°14	
T 8	7 9 30	17°35'55	16°58	1°52	6°24	5°17	1°41	3° 4	9°23	25°46	19°55	12°25	11°38	27°23	14°15	
F 9	7 13 26	18°37'03	28°50	3°22	7°39	6° 3	1°42	3°11	9°21	25°46	19°54	12°21	11°35	27°30	14°16	
S 10	7 17 23	19°38'11	10♂39	4°51	8°54	6°50	1°44	3°18	9°19	25°46	19°54	12°18	11°32	27°36	14°17	
S 11	7 21 19	20°39'18	22°30	6°22	10°10	7°36	1°45	3°25	9°16	25°46	19°53	12°D18	11°28	27°43	14°17	
M12	7 25 16	21°40'26	4♂30	7°53	11°25	8°22	1°46	3°32	9°14	25°46	19°53	12°18	11°25	27°50	14°18	
T 13	7 29 12	22°41'34	16°42	9°24	12°41	9° 8	1°46	3°39	9°11	25°47	19°53	12°R18	11°22	27°56	14°19	
W14	7 33 9	23°42'42	29°14	10°56	13°56	9°55	1°47	3°46	9° 9	25°47	19°52	12°17	11°19	28° 3	14°21	
T 15	7 37 6	24°43'49	12♂ 8	12°28	15°11	10°41	1°47	3°53	9° 6	25°47	19°52	12°14	11°16	28°10	14°22	
F 16	7 41 2	25°44'56	25°27	14° 1	16°27	11°27	1°R47	4° 1	9° 4	25°48	19°51	12° 7	11°13	28°16	14°23	
S 17	7 44 59	26°46'03	9♂12	15°35	17°42	12°13	1°47	4° 8	9° 1	25°48	19°51	11°58	11° 9	28°23	14°24	
S 18	7 48 55	27°47'09	23°20	17° 9	18°58	12°59	1°47	4°15	8°59	25°48	19°51	11°47	11° 6	28°30	14°25	
M19	7 52 52	28°48'15	7♂47	18°43	20°13	13°45	1°47	4°22	8°56	25°49	19°50	11°35	11° 3	28°37	14°27	
T 20	7 56 48	29°49'19	22°26	20°18	21°28	14°31	1°46	4°29	8°53	25°49	19°50	11°23	11° 0	28°43	14°28	
W21	8 0 45	0♂50'23	7♂ 8	21°54	22°44	15°17	1°45	4°36	8°51	25°50	19°50	11°13	10°57	28°50	14°30	
T 22	8 4 41	1°51'26	21°47	23°30	23°59	16° 4	1°44	4°43	8°48	25°50	19°49	11° 6	10°54	28°57	14°31	
F 23	8 8 38	2°52'28	6♂16	25° 7	25°15	16°50	1°43	4°51	8°46	25°51	19°49	11° 1	10°50	29° 3	14°33	
S 24	8 12 35	3°53'29	20°31	26°45	26°30	17°36	1°42	4°58	8°43	25°51	19°49	10°59	10°47	29°10	14°34	
S 25	8 16 31	4°54'29	4♂32	28°23	27°45	18°22	1°40	5° 5	8°40	25°52	19°49	10°58	10°44	29°17	14°36	
M26	8 20 28	5°55'27	18°17	0♂ 1	29° 1	19° 8	1°38	5°12	8°38	25°53	19°49	10°58	10°41	29°23	14°38	
T 27	8 24 24	6°56'24	1♂48	1°41	0♂16	19°53	1°36	5°19	8°35	25°54	19°49	10°57	10°38	29°30	14°40	
W28	8 28 21	7°57'21	15° 7	3°21	1°31	20°39	1°34	5°26	8°33	25°54	19°48	10°54	10°34	29°37	14°41	
T 29	8 32 17	8°58'16	28°13	5° 2	2°47	21°25	1°32	5°34	8°30	25°55	19°48	10°48	10°31	29°43	14°43	
F 30	8 36 14	9°59'09	11♂ 9	6°43	4° 2	22°11	1°29	5°41	8°27	25°56	19°48	10°38	10°28	29°50	14°45	
S 31	8 40 11	11♂ 0'02	23♂55	8♂25	5♂17	22♂57	1♂27	5♂48	8♂25	25°Y57	19♂48	10♂26	10♂25	29♂57	14♂47	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	23s 3	25n52	2n55	22s44	0n28	23s18	0n 9	12s29	1s 2	0n38	1n18	20s 7	0s28	18n29	0n40	8n20	1s45	3n27	14s48	15n53	15n27	4n43	6n54	1n25
F 2	22 58	27 15	3 48	22 57	0 20	23 21	0 6	12 12	1 1	0 37	1 19	20 6	0 28	18 30	0 40	8 20	1 45	3 27	14 48	15 53	15 26	4 40	6 54	1 25
S 3	22 52	27 3	4 28	23 8	0 12	23 24	0 4	11 55	1 0	0 36	1 19	20 4	0 28	18 30	0 40	8 20	1 45	3 28	14 48	15 50	15 25	4 37	6 54	1 24
S 4	22 46	25 23	4 53	23 19	0 5	23 26	0 1	11 37	0 59	0 36	1 19	20 3	0 28	18 31	0 40	8 20	1 45	3 28	14 48	15 47	15 24	4 33	6 54	1 24
M 5	22 40	22 29	5 3	23 29	0s 3	23 27	0s 1	11 20	0 58	0 35	1 19	20 1	0 28	18 32	0 40	8 20	1 45	3 28	14 47	15 43	15 23	4 30	6 54	1 24
T 6	22 33	18 37	4 59	23 37	0 10	23 28	0 4	11 2	0 58	0 34	1 20	20 0	0 28	18 32	0 40	8 20	1 45	3 28	14 47	15 40	15 22	4 27	6 54	1 24
W 7	22 26	14 2	4 41	23 45	0 18	23 28	0 6	10 45	0 57	0 34	1 20	19 58	0 28	18 33	0 40	8 20	1 45	3 28	14 47	15 37	15 21	4 24	6 54	1 24
T 8	22 18	8 59	4 10	23 51	0 25	23 27	0 9	10 27	0 56	0 33	1 20	19 57	0 28	18 34	0 40	8 20	1 45	3 28	14 47	15 35	15 20	4 20	6 54	1 24
F 9	22 10	3 40	3 30	23 56	0 32	23 25	0 11	10 9	0 55	0 33	1 21	19 55	0 28	18 34	0 40	8 20	1 45	3 28	14 46	15 33	15 19	4 17	6 55	1 23
S 10	22 1	1s46	2 40	24 0	0 38	23 23	0 14	9 51	0 54	0 33	1 21	19 54	0 29	18 35	0 40	8 20	1 45	3 29	14 46	15 33	15 18	4 14	6 55	1 23
S 11	21 52	7 10	1 43	24 3	0 45	23 20	0 16	9 33	0 54	0 33	1 21	19 52	0 29	18 35	0 40	8 20	1 45	3 29	14 46	15 32	15 17	4 11	6 55	1 23
M12	21 43	12 23	0 41	24 5	0 51	23 16	0 18	9 15	0 53	0 33	1 21	19 51	0 29	18 36	0 40	8 21	1 45	3 29	14 45	15 32	15 16	4 7	6 55	1 23
T 13	21 33	17 13	0s23	24 5	0 57	23 12	0 21	8 57	0 52	0 33	1 22	19 49	0 29	18 37	0 40	8 21	1 45	3 29	14 45	15 33	15 15	4 4	6 55	1 23
W14	21 22	21 27	1 29	24 4	1 3	23 7	0 23	8 39	0 51	0 33	1 22	19 47	0 29	18 38	0 40	8 21	1 44	3 29	14 45	15 32	15 14	4 1	6 56	1 23
T 15	21 12	24 46	3 21	24 1	1 9	23 1	0 25	8 21	0 50	0 33	1 22	19 46	0 29	18 38	0 40	8 21	1 44	3 29	14 44	15 31	15 13	3 58	6 56	1 23
F 16	21 1	26 50	3 27	23 57	1 15	22 54	0 28	8 2	0 49	0 33	1 22	19 44	0 29	18 39	0 40	8 21	1 44	3 30	14 44	15 29	15 12	3 54	6 56	1 22
S 17	20 49	27 21	4 14	23 52	1 20	22 47	0 30	7 44	0 49	0 33	1 23	19 42	0 29	18 40	0 40	8 21	1 44	3 30	14 44	15 26	15 11	3 51	6 57	1 22
S 18	20 37	26 7	4 45	23 46	1 25	22 39	0 32	7 25	0 48	0 34	1 23	19 41	0 29	18 40	0 40	8 22	1 44	3 30	14 44	15 23	15 10	3 48	6 57	1 22
M19	20 25	23 10	5 0	23 38	1 30	22 30	0 34	7 7	0 47	0 34	1 23	19 39	0 29	18 41	0 40	8 22	1 44	3 30	14 43	15 19	15 9	3 45	6 58	1 22
T 20	20 12	18 42	4 55	23 29	1 34	22 11	0 37	6 48	0 46	0 34	1 24	19 38	0 29	18 42	0 40	8 22	1 44	3 31	14 43	15 16	15 8	3 41	6 58	1 22
W21	19 59	13 5	4 31	23 18	1 39	22 11	0 39	6 30	0 45	0 35	1 24	19 36	0 29	18 42	0 40	8 22	1 44	3 31	14 43	15 12	15 7	3 38	6 58	1 22
T 22	19 46	6 46	3 49	23 6	1 43	22 0	0 41	6 11	0 45	0 36	1 24	19 34	0 29	18 43	0 40	8 23	1 44	3 31	14 42	15 10	15 6	3 35	6 59	1 22
F 23	19 32	0 9	2 52	22 52	1 46	21 48	0 43	5 53	0 44	0 36	1 24	19 33	0 29	18 44	0 40	8 23	1 44	3 31	14 42	15 9	15 5	3 32	6 59	1 21
S 24	19 18	6n23	1 46	22 37	1 50	21 36	0 45	5 34	0 43	0 37	1 25	19 31	0 29	18 44	0 40	8 23	1 44	3 31	14 42	15 8	15 4	3 28	7 0	1 21
S 25	19 3	12 30	0 34	22 21	1 53	21 24	0 47	5 15	0 42	0 38	1 25	19 29	0 30	18 45	0 40	8 23	1 44	3 32	14 41	15 8	15 3	3 25	7 0	1 21
M26	18 48	17 54	0n39	22 3	1 56	21 10	0 49	4 56	0 41	0 39	1 25	19 28	0 30	18 46	0 40	8 24	1 44	3 32	14 41	15 8	15 2	3 22	7 1	1 21
T 27	18 33	22 18	1 48	21 43	1 58	20 56	0 51	4 38	0 40	0 40	1 25	19 26	0 30	18 47	0 40	8 24	1 44	3 32	14 41	15 7	15 1	3 18	7 1	1 21
W28	18 18	25 26	2 50	21 22	2 0	20 42	0 53	4 19	0 40	0 41	1 26	19 24	0 30	18 47	0 40	8 24	1 44	3 33	14 40	15 6	15 0	3 15	7 2	1 21
T 29	18 2	27 8	3 42	21 0	2 2	20 27	0																	

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Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♁	♂	♄	♃	♁	♂	♄	♃
S 1	8 44 7	12 ²² 0'53	6 ²² 29	10 ²² 8	6 ²² 32	23 ²² 43	1 ²² R24	5 ²² 55	8 ²² R22	25 ²² 58	19 ²² R48	10 ²² R13	10 ²² 22	0 ²² 3	14 ²² 49	
M 2	8 48 4	13 ²² 1'44	18 ²² 53	11 ²² 51	7 ²² 48	24 ²² 28	1 ²² 21	6 ²² 2	8 ²² 19	25 ²² 59	19 ²² 48	9 ²² 58	10 ²² 19	0 ²² 10	14 ²² 51	
T 3	8 52 0	14 ²² 2'33	1 ²² 17	13 ²² 36	9 ²² 3	25 ²² 14	1 ²² 17	6 ²² 9	8 ²² 17	25 ²² 59	19 ²² D48	9 ²² 44	10 ²² 15	0 ²² 17	14 ²² 53	
W 4	8 55 57	15 ²² 3'20	13 ²² 10	15 ²² 21	10 ²² 18	26 ²² 0	1 ²² 14	6 ²² 16	8 ²² 14	26 ²² 0	19 ²² 48	9 ²² 32	10 ²² 12	0 ²² 23	14 ²² 56	
T 5	8 59 53	16 ²² 4'07	25 ²² 5	17 ²² 6	11 ²² 33	26 ²² 45	1 ²² 10	6 ²² 23	8 ²² 12	26 ²² 1	19 ²² 48	9 ²² 22	10 ²² 9	0 ²² 30	14 ²² 58	
F 6	9 3 50	17 ²² 4'53	6 ²² 55	18 ²² 53	12 ²² 49	27 ²² 31	1 ²² 7	6 ²² 30	8 ²² 9	26 ²² 2	19 ²² 48	9 ²² 15	10 ²² 6	0 ²² 37	15 ²² 0	
S 7	9 7 46	18 ²² 5'38	18 ²² 42	20 ²² 40	14 ²² 4	28 ²² 17	1 ²² 3	6 ²² 38	8 ²² 6	26 ²² 4	19 ²² 48	9 ²² 11	10 ²² 3	0 ²² 43	15 ²² 2	
S 8	9 11 43	19 ²² 6'21	0 ²² 32	22 ²² 28	15 ²² 19	29 ²² 2	0 ²² 58	6 ²² 45	8 ²² 4	26 ²² 5	19 ²² 48	9 ²² 10	10 ²² 0	0 ²² 50	15 ²² 5	
M 9	9 15 39	20 ²² 7'04	12 ²² 29	24 ²² 16	16 ²² 34	29 ²² 48	0 ²² 54	6 ²² 52	8 ²² 1	26 ²² 6	19 ²² 49	9 ²² D10	9 ²² 56	0 ²² 57	15 ²² 7	
T 10	9 19 36	21 ²² 7'45	24 ²² 39	26 ²² 5	17 ²² 50	0 ²² 33	0 ²² 50	6 ²² 59	7 ²² 59	26 ²² 7	19 ²² 49	9 ²² R10	9 ²² 53	1 ²² 3	15 ²² 9	
W 11	9 23 33	22 ²² 8'26	7 ²² 7	27 ²² 55	19 ²² 5	1 ²² 19	0 ²² 45	7 ²² 6	7 ²² 56	26 ²² 8	19 ²² 49	9 ²² 9	9 ²² 50	1 ²² 10	15 ²² 12	
T 12	9 27 29	23 ²² 9'05	19 ²² 58	29 ²² 45	20 ²² 20	2 ²² 4	0 ²² 40	7 ²² 13	7 ²² 54	26 ²² 9	19 ²² 49	9 ²² 6	9 ²² 47	1 ²² 17	15 ²² 14	
F 13	9 31 26	24 ²² 9'44	3 ²² 17	1 ²² 35	21 ²² 35	2 ²² 49	0 ²² 35	7 ²² 20	7 ²² 51	26 ²² 11	19 ²² 49	9 ²² 1	9 ²² 44	1 ²² 23	15 ²² 17	
S 14	9 35 22	25 ²² 10'21	17 ²² 4	3 ²² 25	22 ²² 50	3 ²² 35	0 ²² 30	7 ²² 27	7 ²² 49	26 ²² 12	19 ²² 49	8 ²² 53	9 ²² 40	1 ²² 30	15 ²² 19	
S 15	9 39 19	26 ²² 10'57	1 ²² 20	5 ²² 16	24 ²² 6	4 ²² 20	0 ²² 25	7 ²² 34	7 ²² 46	26 ²² 13	19 ²² 50	8 ²² 43	9 ²² 37	1 ²² 37	15 ²² 22	
M 16	9 43 15	27 ²² 11'31	16 ²² 1	7 ²² 6	25 ²² 21	5 ²² 5	0 ²² 20	7 ²² 40	7 ²² 44	26 ²² 15	19 ²² 50	8 ²² 32	9 ²² 34	1 ²² 44	15 ²² 25	
T 17	9 47 12	28 ²² 12'04	0 ²² 59	8 ²² 56	26 ²² 36	5 ²² 51	0 ²² 14	7 ²² 47	7 ²² 41	26 ²² 16	19 ²² 50	8 ²² 21	9 ²² 31	1 ²² 50	15 ²² 27	
W 18	9 51 9	29 ²² 12'35	16 ²² 4	10 ²² 46	27 ²² 51	6 ²² 36	0 ²² 8	7 ²² 54	7 ²² 39	26 ²² 17	19 ²² 51	8 ²² 11	9 ²² 28	1 ²² 57	15 ²² 30	
T 19	9 55 5	0 ²² 13'04	1 ²² 7	12 ²² 34	29 ²² 6	7 ²² 21	0 ²² 3	8 ²² 1	7 ²² 37	26 ²² 19	19 ²² 51	8 ²² 4	9 ²² 25	2 ²² 4	15 ²² 33	
F 20	9 59 2	1 ²² 13'32	15 ²² 59	14 ²² 22	0 ²² 21	8 ²² 6	29 ²² 57	8 ²² 8	7 ²² 34	26 ²² 20	19 ²² 51	7 ²² 59	9 ²² 21	2 ²² 10	15 ²² 36	
S 21	10 2 58	2 ²² 13'58	0 ²² 33	16 ²² 7	1 ²² 36	8 ²² 51	29 ²² 50	8 ²² 15	7 ²² 32	26 ²² 22	19 ²² 52	7 ²² 58	9 ²² 18	2 ²² 17	15 ²² 39	
S 22	10 6 55	3 ²² 14'22	14 ²² 46	17 ²² 51	2 ²² 51	9 ²² 36	29 ²² 44	8 ²² 21	7 ²² 30	26 ²² 23	19 ²² 52	7 ²² D58	9 ²² 15	2 ²² 24	15 ²² 42	
M 23	10 10 51	4 ²² 14'44	28 ²² 36	19 ²² 32	4 ²² 7	10 ²² 21	29 ²² 38	8 ²² 28	7 ²² 27	26 ²² 25	19 ²² 53	7 ²² R58	9 ²² 12	2 ²² 30	15 ²² 44	
T 24	10 14 48	5 ²² 15'04	12 ²² 11	21 ²² 10	5 ²² 22	11 ²² 6	29 ²² 31	8 ²² 35	7 ²² 25	26 ²² 26	19 ²² 53	7 ²² 58	9 ²² 9	2 ²² 37	15 ²² 47	
W 25	10 18 44	6 ²² 15'22	25 ²² 16	22 ²² 44	6 ²² 37	11 ²² 51	29 ²² 25	8 ²² 41	7 ²² 23	26 ²² 28	19 ²² 54	7 ²² 56	9 ²² 5	2 ²² 44	15 ²² 50	
T 26	10 22 41	7 ²² 15'38	8 ²² 10	24 ²² 15	7 ²² 52	12 ²² 36	29 ²² 18	8 ²² 48	7 ²² 21	26 ²² 29	19 ²² 54	7 ²² 52	9 ²² 2	2 ²² 50	15 ²² 53	
F 27	10 26 37	8 ²² 15'52	20 ²² 50	25 ²² 40	9 ²² 7	13 ²² 21	29 ²² 11	8 ²² 55	7 ²² 19	26 ²² 31	19 ²² 55	7 ²² 45	8 ²² 59	2 ²² 57	15 ²² 56	
S 28	10 30 34	9 ²² 16'04	3 ²² 19	27 ²² 8	10 ²² 22	14 ²² 9	29 ²² 5	9 ²² 1	7 ²² 17	26 ²² 33	19 ²² 55	7 ²² 36	8 ²² 56	3 ²² 4	15 ²² 59	

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	17s12	23n29	4n59	19s43	2s5	19s37	1s0	3s3	0s36	0n46	1n27	19s18	0s30	18n50	0n40	8n26	1s43	3n34	14s39	14n49	14n56	3n2	7n5	1n20
M 2	16 55	19 51	4 56	19 15	2 5	19 20	1 2	2 44	0 36	0 48	1 27	19 16	0 30	18 51	0 40	8 26	1 43	3 34	14 39	14 49	14 55	2 59	7 5	1 20
T 3	16 38	15 26	4 39	18 45	2 5	19 2	1 3	2 26	0 35	0 49	1 27	19 14	0 30	18 51	0 40	8 26	1 43	3 34	14 38	14 44	14 54	2 56	7 6	1 20
W 4	16 20	10 28	4 10	18 13	2 4	18 43	1 5	2 7	0 34	0 51	1 28	19 12	0 30	18 52	0 40	8 27	1 43	3 35	14 38	14 41	14 53	2 52	7 7	1 20
T 5	16 2	5 10	3 30	17 40	2 3	18 24	1 6	1 48	0 33	0 53	1 28	19 11	0 30	18 53	0 40	8 27	1 43	3 35	14 38	14 37	14 52	2 49	7 7	1 20
F 6	15 44	0s16	2 42	17 5	2 1	18 4	1 8	1 29	0 32	0 54	1 28	19 9	0 30	18 53	0 40	8 28	1 43	3 35	14 37	14 35	14 51	2 46	7 8	1 19
S 7	15 25	5 42	1 46	16 29	1 59	17 44	1 9	1 10	0 31	0 56	1 28	19 7	0 30	18 54	0 40	8 28	1 43	3 36	14 37	14 34	14 50	2 42	7 9	1 19
S 8	15 6	10 57	0 46	15 52	1 56	17 23	1 11	0 51	0 31	0 58	1 29	19 6	0 31	18 55	0 40	8 29	1 43	3 36	14 37	14 34	14 49	2 39	7 10	1 19
M 9	14 47	15 53	0s18	15 13	1 53	17 2	1 12	0 32	0 30	1 0	1 29	19 4	0 31	18 55	0 40	8 29	1 43	3 36	14 36	14 34	14 48	2 36	7 10	1 19
T 10	14 28	20 16	1 21	14 32	1 49	16 40	1 13	0 13	0 29	1 2	1 29	19 2	0 31	18 56	0 40	8 30	1 43	3 37	14 36	14 34	14 47	2 33	7 11	1 19
W 11	14 8	23 51	2 22	13 51	1 45	16 18	1 15	0n5	0 28	1 4	1 29	19 1	0 31	18 57	0 40	8 30	1 43	3 37	14 36	14 33	14 46	2 29	7 12	1 19
T 12	13 49	26 23	3 18	13 7	1 40	15 55	1 16	0 24	0 27	1 6	1 29	18 59	0 31	18 57	0 40	8 30	1 43	3 38	14 35	14 32	14 45	2 26	7 13	1 19
F 13	13 29	27 31	4 6	12 23	1 34	15 32	1 17	0 43	0 27	1 8	1 30	18 57	0 31	18 58	0 40	8 31	1 43	3 38	14 35	14 31	14 44	2 23	7 14	1 19
S 14	13 8	27 0	4 40	11 37	1 28	15 8	1 18	1 2	0 26	1 10	1 30	18 55	0 31	18 59	0 40	8 31	1 43	3 38	14 35	14 28	14 43	2 19	7 15	1 18
S 15	12 48	24 44	4 59	10 51	1 21	14 44	1 19	1 20	0 25	1 13	1 30	18 54	0 31	18 59	0 40	8 32	1 43	3 39	14 34	14 25	14 42	2 16	7 16	1 18
M 16	12 27	20 48	4 59	10 3	1 14	14 20	1 20	1 39	0 24	1 15	1 30	18 52	0 31	19 0	0 40	8 33	1 43	3 39	14 34	14 21	14 41	2 13	7 16	1 18
T 17	12 7	15 29	4 39	9 14	1 5	13 55	1 21	1 58	0 24	1 17	1 31	18 50	0 31	19 0	0 40	8 33	1 43	3 39	14 34	14 18	14 40	2 10	7 17	1 18
W 18	11 45	9 10	3 59	8 25	0 57	13 30	1 21	2 16	0 23	1 20	1 31	18 49	0 31	19 1	0 40	8 34	1 43	3 40	14 3					

SWISS EPHEMERIS for the year 1874

MARCH 1874

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S 1	10 34 31	10♈16'14	15♏37	28♋15	11♋37	14♍51	28♍58	9♁ 8	7°R14	26♍34	19♃56	7°R26	8♃53	3♁10	16♍ 3							
M 2	10 38 27	11°16'22	27°47	29°22	12°52	15°35	28♍51	9°14	7♁12	26°36	19°56	7♁15	8°50	3°17	16° 6							
T 3	10 42 24	12°16'29	9♎49	0♍23	14° 6	16°20	28°43	9°20	7°10	26°38	19°57	7° 4	8°46	3°24	16° 9							
W 4	10 46 20	13°16'33	21°45	1°16	15°21	17° 5	28°36	9°27	7° 8	26°39	19°57	6°54	8°43	3°30	16°12							
T 5	10 50 17	14°16'35	3♁37	2° 1	16°36	17°49	28°29	9°33	7° 6	26°41	19°58	6°47	8°40	3°37	16°15							
F 6	10 54 13	15°16'36	15°25	2°38	17°51	18°34	28°22	9°39	7° 5	26°43	19°59	6°42	8°37	3°44	16°18							
S 7	10 58 10	16°16'35	27°13	3° 5	19° 6	19°18	28°14	9°46	7° 3	26°45	19°59	6°40	8°34	3°50	16°22							
S 8	11 2 6	17°16'32	9♎ 4	3°25	20°21	20° 3	28° 7	9°52	7° 1	26°47	20° 0	6°D39	8°31	3°57	16°25							
M 9	11 6 3	18°16'28	21° 2	3°35	21°36	20°47	27°59	9°58	6°59	26°48	20° 1	6°40	8°27	4° 4	16°28							
T 10	11 10 0	19°16'22	3♁12	3°R36	22°51	21°31	27°52	10° 4	6°57	26°50	20° 1	6°41	8°24	4°10	16°32							
W 11	11 13 56	20°16'14	15°37	3°28	24° 5	22°16	27°44	10°10	6°56	26°52	20° 2	6°R42	8°21	4°17	16°35							
T 12	11 17 53	21°16'05	28°24	3°13	25°20	23° 0	27°36	10°16	6°54	26°54	20° 3	6°42	8°18	4°24	16°38							
F 13	11 21 49	22°15'54	11♃36	2°49	26°35	23°44	27°29	10°22	6°52	26°56	20° 4	6°40	8°15	4°30	16°42							
S 14	11 25 46	23°15'41	25°17	2°18	27°50	24°28	27°21	10°28	6°51	26°58	20° 5	6°37	8°11	4°37	16°45							
S 15	11 29 42	24°15'26	9♁27	1°40	29° 4	25°13	27°13	10°34	6°49	27° 0	20° 5	6°31	8° 8	4°44	16°49							
M 16	11 33 39	25°15'10	24° 4	0°57	0♍19	25°57	27° 5	10°40	6°48	27° 2	20° 6	6°25	8° 5	4°50	16°52							
T 17	11 37 35	26°14'52	9♋ 3	0° 9	1°34	26°41	26°57	10°45	6°46	27° 4	20° 7	6°19	8° 2	4°57	16°56							
W 18	11 41 32	27°14'32	24°15	29♋18	2°48	27°25	26°50	10°51	6°45	27° 6	20° 8	6°13	7°59	5° 4	16°59							
T 19	11 45 29	28°14'10	9♍30	28°25	4° 3	28° 9	26°42	10°57	6°44	27° 8	20° 9	6° 9	7°56	5°10	17° 3							
F 20	11 49 25	29°13'46	24°38	27°30	5°18	28°53	26°34	11° 2	6°42	27°10	20°10	6° 7	7°52	5°17	17° 6							
S 21	11 53 22	0♍13'19	9♃30	26°36	6°32	29°37	26°26	11° 8	6°41	27°12	20°11	6°D 6	7°49	5°24	17°10							
S 22	11 57 18	1°12'51	23°59	25°43	7°47	0♃20	26°19	11°13	6°40	27°14	20°12	6° 7	7°46	5°30	17°13							
M 23	12 1 15	2°12'20	8♁ 3	24°52	9° 2	1° 4	26°11	11°19	6°39	27°16	20°12	6° 9	7°43	5°37	17°17							
T 24	12 5 11	3°11'47	21°42	24° 3	10°16	1°48	26° 3	11°24	6°37	27°18	20°13	6°10	7°40	5°44	17°20							
W 25	12 9 8	4°11'12	4♃56	23°19	11°31	2°32	25°56	11°29	6°36	27°20	20°14	6°R11	7°37	5°50	17°24							
T 26	12 13 4	5°10'34	17°48	22°40	12°45	3°15	25°48	11°34	6°35	27°23	20°15	6°10	7°33	5°57	17°27							
F 27	12 17 1	6° 9'54	0♃22	22° 5	14° 0	3°59	25°40	11°40	6°34	27°25	20°16	6° 8	7°30	6° 4	17°31							
S 28	12 20 58	7° 9'11	12°42	21°35	15°14	4°42	25°33	11°45	6°34	27°27	20°17	6° 4	7°27	6°10	17°35							
S 29	12 24 54	8° 8'27	24°50	21°11	16°29	5°26	25°25	11°50	6°33	27°29	20°18	6° 0	7°24	6°17	17°38							
M 30	12 28 51	9° 7'40	6♎50	20°53	17°43	6° 9	25°18	11°55	6°32	27°31	20°20	5°55	7°21	6°24	17°42							
T 31	12 32 47	10♍ 6'50	18♎44	20♋41	18♍57	6♃53	25♎11	11♁59	6♁31	27♍33	20♃21	5♃51	7♃17	6♁30	17♍46							

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat			
S 1	7s43	20n57	5n 1	0n30	1n19	8s33	1s26	5n38	0s14	1n50	1n33	18s31	0s32	19n 7	0n40	8n40	1s42	3n44	14s30	14n 0	14n28	1n30	7n30	1n17
M 2	7 21	16 43	4 45	1 10	1 33	8 4	1 26	5 56	0 13	1 53	1 33	18 29	0 33	19 8	0 40	8 41	1 42	3 45	14 30	13 56	14 27	1 27	7 31	1 16
T 3	6 58	11 51	4 17	1 47	1 47	7 35	1 26	6 14	0 13	1 56	1 33	18 27	0 33	19 8	0 40	8 42	1 42	3 45	14 29	13 53	14 26	1 23	7 32	1 16
W 4	6 35	6 36	3 37	2 21	2 1	7 6	1 26	6 32	0 12	1 59	1 33	18 26	0 33	19 9	0 40	8 42	1 42	3 46	14 29	13 50	14 25	1 20	7 33	1 16
T 5	6 12	1 8	2 48	2 52	2 15	6 37	1 26	6 50	0 11	2 2	1 33	18 24	0 33	19 9	0 40	8 43	1 42	3 46	14 29	13 47	14 24	1 17	7 34	1 16
F 6	5 48	4s21	1 52	3 18	2 28	6 7	1 26	7 7	0 10	2 5	1 33	18 23	0 33	19 10	0 40	8 44	1 42	3 47	14 28	13 46	14 23	1 13	7 35	1 16
S 7	5 25	9 42	0 51	3 41	2 40	5 38	1 25	7 25	0 10	2 8	1 33	18 21	0 33	19 10	0 40	8 44	1 42	3 47	14 28	13 45	14 22	1 10	7 36	1 16
S 8	5 2 14	44 0s13	3 59	2 52	5 8	1 25	7 42	0 9	2 11	1 33	18 19	0 33	19 11	0 40	8 45	1 42	3 48	14 28	13 45	14 21	1 7	7 38	1 16	
M 9	4 38	19 16	1 17	4 13	3 2	4 38	1 25	8 0	0 8	2 14	1 34	18 18	0 33	19 11	0 40	8 46	1 42	3 48	14 28	13 45	14 20	1 3	7 39	1 16
T 10	4 15	23 5	2 18	4 22	3 12	4 8	1 24	8 17	0 7	2 17	1 34	18 16	0 33	19 11	0 40	8 46	1 42	3 48	14 27	13 46	14 19	1 0	7 40	1 16
W 11	3 51	25 55	3 15	4 26	3 20	3 38	1 24	8 34	0 7	2 20	1 34	18 15	0 33	19 12	0 40	8 47	1 42	3 49	14 27	13 46	14 18	0 57	7 41	1 16
T 12	3 28	27 30	4 3	4 26	3 26	3 8	1 23	8 51	0 6	2 23	1 34	18 13	0 34	19 12	0 40	8 48	1 42	3 49	14 27	13 46	14 17	0 53	7 42	1 15
F 13	3 4 27	37 4 41	4 21	3 31	2 37	1 23	9 8	0 5	2 26	1 34	18 12	0 34	19 13	0 40	8 48	1 42	3 50	14 26	13 45	14 16	0 50	7 44	1 15	
S 14	2 41	26 4	5 4	4 11	3 34	2 7	1 22	9 25	0 5	2 30	1 34	18 10	0 34	19 13	0 40	8 49	1 42	3 50	14 26	13 44	14 15	0 47	7 45	1 15
S 15	2 17	22 52	5 9	3 57	3 35	1 36	1 21	9 42	0 4	2 33	1 34	18 9	0 34	19 13	0 40	8 50	1 42	3 51	14 26	13 42	14 14	0 44	7 46	1 15
M 16	1 53	18 9	4 55	3 40	3 35	1 6	1 20	9 59	0 3	2 36	1 34	18 7	0 34	19 14	0 40	8 51	1 42	3 51	14 26	13 40	14 13	0 40	7 47	1 15
T 17	1 30	12 13	4 21	3 18	3 32	0 35	1 19	10 16	0 2	2 39	1 34	18 6	0 34	19 14	0 40	8 51	1 42	3 52	14 25	13 38	14 12	0 37	7 49	1 15
W 18	1 6	5 28	3 28	2 54	3 27	0 5	1 18	10 32	0 2	2 42	1 34	18 4	0 34	19 14	0 40	8 52	1 42	3 52	14 25	13 36	14 11	0 34	7 50	1 15
T 19	0 42	1n38	2 20	2 27	3 21	0n26	1 17	10 49	0 1	2 45	1 34	18 3	0 34	19 15	0 40	8 53	1 41	3 53	14 25	13 35	14 10	0 30	7 51	1 15
F 20	0 18	8 35	1 2	1 57	3 13	0 56	1 16	11 5	0 0	2 48	1 34	18 1	0 34	19 15	0 40	8 54	1 41	3 53	14 25	13 34	14 9	0 27	7 52	1 15
S 21	0n 5	14 57	0n18	1 27	3 3	1 27	1 15	11 21	0n 0	2 51	1 34	18 0	0 35	19 15	0 40	8 54	1 41	3 54	14 24	13 34	14 8	0 24	7 54	1 15
S 22	0 29	20 20	1 36	0 55	2 52	1 57	1 14	11 37	0 1	2 54	1 34	17 59	0 35	19 16	0 40	8 55	1 41	3 54	14 24	13 34	14 7	0 20	7 55	1 14
M 23	0 53	24 24	2 46	0 24	2 39	2 28	1 13	11 53	0 2	2 58	1 34	17 57	0 35	19 16	0 40	8 56	1 41	3 55	14 24	13 35	14 6	0 17	7 56	1 14
T 24	1 16	26 55	3 44	0s 8	2 26	2 58	1 11	12 9	0 3	3 1	1 34	17 56	0 35	19 16	0 40	8 57	1 41	3 55	14 24	13 35	14 5	0 14	7 57	1 14
W 25	1 40	27 49	4 28	0 38	2 12	3 29	1 10	12 25	0 3	3 4	1 34	17 55	0 35	19 16	0 40	8 57	1 41	3 56	14 23	13 35	14 4	0 10	7 59	1 14
T 26	2 3 27	11 4 57	1 8	1 57	3 59	1 9	12 40	0 4	3 7	1 34	17 53	0 35	19 17	0 40	8 58	1 41	3 56	14 23	13 35	14 3	0 7	8 0	1 14	
F 27	2 27	25 9	5 11	1 36	1 41	4 30	1 7	12 56	0 5	3 10	1 34	17 52	0 35	19 17	0 40	8 59	1 41	3 56	14 23	13 34	14 2	0 4	8 1	1 14
S 28	2 50	21 58	5 11	2 2	1 26	5 0	1 6	13 11	0 5	3 13	1 34	17 51	0 35	19 17	0 39	9 0	1 41	3 57	14 23	13 33	14 0	0 0	8 3	1 14
S 29	3 14	17 54	4 56	2 26	1 10	5																		

SWISS EPHEMERIS for the year 1874

APRIL 1874

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W 1	12 36 44	11°5'59"	0°53'	20°R34	20°Y12	7°R36	25°R 3	12°R 4	6°R30	27°Y36	20°R22	5°R47	7°R14	6°R37	17°Y49							
T 2	12 40 40	12° 5'06"	12°23'	20°D33	21°26'	8°19'	24°M36	12° 9'	6°R30	27°Y38	20°R23	5°R44	7°11'	6°44'	17°53'							
F 3	12 44 37	13° 4'10"	24°13'	20°X37	22°40'	9° 3'	24°49'	12°14'	6°29'	27°40'	20°R24	5°42'	7° 8'	6°50'	17°57'							
S 4	12 48 33	14° 3'13"	6°M 5'	20°47'	23°55'	9°46'	24°42'	12°18'	6°29'	27°42'	20°R25	5°D41	7° 5'	6°57'	18° 0'							
S 5	12 52 30	15° 2'13"	18° 2'	21° 2'	25° 9'	10°29'	24°35'	12°23'	6°28'	27°44'	20°R26	5°42'	7° 2'	7° 4'	18° 4'							
M 6	12 56 26	16° 1'12"	0°M 6'	21°21'	26°23'	11°12'	24°28'	12°27'	6°28'	27°47'	20°R27	5°43'	6°58'	7°10'	18° 8'							
T 7	13 0 23	17° 0'09"	12°22'	21°46'	27°37'	11°55'	24°22'	12°32'	6°27'	27°49'	20°R28	5°45'	6°55'	7°17'	18°11'							
W 8	13 4 20	17°59'04"	24°52'	22°15'	28°52'	12°38'	24°15'	12°36'	6°27'	27°51'	20°R30	5°46'	6°52'	7°24'	18°15'							
T 9	13 8 16	18°57'58"	7°R39	22°48'	0°R 6'	13°21'	24° 8'	12°40'	6°27'	27°53'	20°R31	5°47'	6°49'	7°30'	18°19'							
F 10	13 12 13	19°56'50"	20°48'	23°25'	1°20'	14° 4'	24° 2'	12°44'	6°26'	27°55'	20°R32	5°R47	6°46'	7°37'	18°22'							
S 11	13 16 9	20°55'40"	4°R21	24° 6'	2°34'	14°47'	23°56'	12°48'	6°26'	27°58'	20°R33	5°47'	6°42'	7°44'	18°26'							
S 12	13 20 6	21°54'28"	18°19'	24°51'	3°48'	15°30'	23°49'	12°52'	6°26'	28° 0'	20°R34	5°46'	6°39'	7°50'	18°30'							
M13	13 24 2	22°53'14"	2°M 2'	25°39'	5° 2'	16°13'	23°43'	12°56'	6°26'	28° 2'	20°R35	5°44'	6°36'	7°57'	18°33'							
T 14	13 27 59	23°51'59"	17°42'	26°31'	6°16'	16°55'	23°37'	13° 0'	6°D26	28° 4'	20°R37	5°43'	6°33'	8° 4'	18°37'							
W15	13 31 56	24°50'42"	2°Y29	27°25'	7°30'	17°38'	23°32'	13° 4'	6°26'	28° 7'	20°R38	5°42'	6°30'	8°10'	18°41'							
T 16	13 35 52	25°49'23"	17°38'	28°23'	8°44'	18°21'	23°26'	13° 7'	6°26'	28° 9'	20°R39	5°41'	6°27'	8°17'	18°44'							
F 17	13 39 49	26°48'02"	2°R45	29°24'	9°58'	19° 3'	23°20'	13°11'	6°26'	28°11'	20°R40	5°D41	6°23'	8°24'	18°48'							
S 18	13 43 45	27°46'40"	17°43'	0°Y27	11°12'	19°46'	23°15'	13°14'	6°26'	28°14'	20°R42	5°41'	6°20'	8°30'	18°52'							
S 19	13 47 42	28°45'15"	2°M22	1°33'	12°26'	20°28'	23°10'	13°18'	6°27'	28°16'	20°R43	5°41'	6°17'	8°37'	18°55'							
M20	13 51 38	29°43'48"	16°37'	2°41'	13°40'	21°11'	23° 5'	13°21'	6°27'	28°18'	20°R44	5°42'	6°14'	8°44'	18°59'							
T 21	13 55 35	0°R42'20"	0°R26	3°52'	14°54'	21°53'	23° 0'	13°24'	6°27'	28°20'	20°R45	5°42'	6°11'	8°50'	19° 2'							
W22	13 59 31	1°40'49"	13°49'	5° 6'	16° 8'	22°36'	22°55'	13°27'	6°28'	28°23'	20°R47	5°43'	6° 8'	8°57'	19° 6'							
T 23	14 3 28	2°39'15"	26°46'	6°21'	17°22'	23°18'	22°50'	13°31'	6°28'	28°25'	20°R48	5°43'	6° 4'	9° 4'	19°10'							
F 24	14 7 25	3°37'40"	9°R22	7°39'	18°36'	24° 0'	22°46'	13°33'	6°29'	28°27'	20°R49	5°R43	6° 1'	9°10'	19°13'							
S 25	14 11 21	4°36'03"	21°40'	8°59'	19°49'	24°43'	22°42'	13°36'	6°29'	28°29'	20°R51	5°43'	5°58'	9°17'	19°17'							
S 26	14 15 18	5°34'23"	3°M45	10°21'	21° 3'	25°25'	22°37'	13°39'	6°30'	28°32'	20°R52	5°D43	5°55'	9°24'	19°20'							
M27	14 19 14	6°32'41"	15°40'	11°45'	22°17'	26° 7'	22°33'	13°42'	6°31'	28°34'	20°R53	5°43'	5°52'	9°30'	19°24'							
T 28	14 23 11	7°30'57"	27°30'	13°11'	23°31'	26°49'	22°30'	13°44'	6°31'	28°36'	20°R55	5°43'	5°48'	9°37'	19°27'							
W29	14 27 7	8°29'12"	9°R18	14°39'	24°44'	27°31'	22°26'	13°47'	6°32'	28°38'	20°R56	5°43'	5°45'	9°44'	19°31'							
T 30	14 31 4	9°27'24"	21°R 8'	16°Y 9'	25°R58	28°R13	22°M22	13°R49	6°R33	28°Y41	20°R57	5°R43	5°R42	9°R50	19°Y34							

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	4n24	2n33	3n 1	3s23	0n23	6n59	0s59	14n11	0n 8	3n24	1n34	17s46	0s36	19n18	0n39	9n 3	1s41	3n59	14s22	13n27	13n56	0s13	8n 8	1n14
T 2	4 47	2s59	2 5	3 37	0 9	7 29	0 57	14 26	0 9	3 27	1 34	17 44	0 36	19 18	0 39	9 4	1 41	3 59	14 22	13 26	13 55	0 16	8 9	1 14
F 3	5 10	8 25	1 3	3 49	0s 6	7 58	0 56	14 40	0 9	3 30	1 34	17 43	0 36	19 18	0 39	9 5	1 41	4 0	14 21	13 26	13 54	0 20	8 11	1 13
S 4	5 33	13 35	0s 2	3 58	0 20	8 27	0 54	14 55	0 10	3 32	1 34	17 42	0 36	19 18	0 39	9 5	1 41	4 0	14 21	13 26	13 53	0 23	8 12	1 13
S 5	5 56	18 18	1 8	4 4	0 33	8 56	0 52	15 9	0 11	3 35	1 34	17 41	0 36	19 18	0 39	9 6	1 41	4 1	14 21	13 26	13 52	0 26	8 13	1 13
M 6	6 18	22 19	2 11	4 8	0 46	9 25	0 50	15 23	0 11	3 38	1 33	17 40	0 36	19 18	0 39	9 7	1 41	4 1	14 21	13 26	13 51	0 30	8 15	1 13
T 7	6 41	25 25	3 9	4 10	0 58	9 53	0 48	15 37	0 12	3 40	1 33	17 39	0 37	19 18	0 39	9 8	1 41	4 2	14 21	13 27	13 50	0 33	8 16	1 13
W 8	7 4	27 21	3 59	4 9	1 10	10 22	0 46	15 51	0 13	3 43	1 33	17 38	0 37	19 18	0 39	9 9	1 41	4 2	14 20	13 27	13 49	0 36	8 17	1 13
T 9	7 26	27 53	4 39	4 6	1 20	10 50	0 44	16 4	0 13	3 45	1 33	17 37	0 37	19 19	0 39	9 9	1 41	4 3	14 20	13 28	13 48	0 40	8 19	1 13
F 10	7 48	26 53	5 6	4 0	1 31	11 18	0 42	16 18	0 14	3 48	1 33	17 35	0 37	19 19	0 39	9 10	1 41	4 3	14 20	13 28	13 47	0 43	8 20	1 13
S 11	8 10	24 18	5 16	3 53	1 40	11 45	0 39	16 31	0 15	3 50	1 33	17 34	0 37	19 19	0 39	9 11	1 41	4 4	14 20	13 28	13 46	0 46	8 21	1 13
S 12	8 32	20 15	5 9	3 43	1 49	12 13	0 37	16 44	0 15	3 52	1 33	17 33	0 37	19 19	0 39	9 12	1 41	4 4	14 20	13 27	13 45	0 50	8 23	1 13
M13	8 54	14 54	4 42	3 32	1 58	12 40	0 35	16 57	0 16	3 55	1 33	17 32	0 37	19 19	0 39	9 13	1 41	4 4	14 19	13 27	13 44	0 53	8 24	1 13
T 14	9 16	8 35	3 57	3 18	2 5	13 6	0 33	17 10	0 16	3 57	1 33	17 32	0 37	19 19	0 39	9 13	1 41	4 5	14 19	13 26	13 43	0 56	8 25	1 13
W15	9 38	1 40	2 54	3 3	2 12	13 33	0 31	17 23	0 17	3 59	1 32	17 31	0 38	19 18	0 39	9 14	1 41	4 5	14 19	13 26	13 42	1 0	8 27	1 13
T 16	9 59	5n24	1 38	2 46	2 19	13 59	0 28	17 35	0 18	4 1	1 32	17 30	0 38	19 18	0 39	9 15	1 41	4 6	14 19	13 26	13 41	1 3	8 28	1 13
F 17	10 20	12 11	0 16	2 27	2 24	14 24	0 26	17 47	0 18	4 3	1 32	17 29	0 38	19 18	0 39	9 16	1 41	4 6	14 19	13 25	13 40	1 6	8 29	1 13
S 18	10 41	18 11	1n 6	2 6	2 29	14 50	0 24	18 0	0 19	4 5	1 32	17 28	0 38	19 18	0 39	9 17	1 41	4 7	14 19	13 25	13 39	1 10	8 31	1 12
S 19	11 2	22 59	2 23	1 44	2 34	15 15	0 21	18 12	0 19	4 7	1 32	17 27	0 38	19 18	0 39	9 17	1 41	4 7	14 19	13 26	13 38	1 13	8 32	1 12
M20	11 23	26 14	3 28	1 21	2 38	15 39	0 19	18 23	0 20	4 9	1 32	17 26	0 38	19 18	0 39	9 18	1 41	4 8	14 18	13 26	13 36	1 16	8 33	1 12
T 21	11 44	27 47	4 20	0 55	2 41	16 3	0 16	18 35	0 21	4 11	1 32	17 25	0 38	19 18	0 39	9 19	1 41	4 8	14 18	13 26	13 35	1 20	8 35	1 12
W22	12 4	27 38	4 55	0 29	2 44	16 27	0 14	18 47	0 21	4 13	1 31	17 25	0 39	19 18	0 39	9 20	1 41	4 8	14 18	13 26	13 34	1 23	8 36	1 12
T 23	12 24	25 57	5 14	0 1	2 46	16 51	0 12	18 58	0 22	4 14	1 31	17 24	0 39	19 18	0 39	9 21	1 41	4 9	14 18	13 26	13 33	1 26	8 37	1 12
F 24	12 44	23 1	5 17	0n28	2 47	17 14	0 9	19 9	0 22	4 16	1 31	17 23	0 39	19 18	0 39	9 21	1 41	4 9	14 18	13 26	13 32	1 30	8 38	1 12
S 25	13 4	19 6	5 5	0 59	2 48	17 36	0 7	19 20	0 23	4 18	1 31	17 23	0 39	19 17	0 39	9 22	1 41	4 10	14 18	13 26	13 31	1 33	8 40	1 12
S 26	13 23	14 30	4 40	1 31	2 49	17 58	0 4	19 31	0 24	4 19	1 31	17 22	0 39	19 17	0 39	9 23	1 41	4 10	14 18	13 26	13 30	1 36	8 41	1 12
M27	13 43	9 24	4 4	2 4	2 48	18 20	0 2	19 41	0 25	4 20	1 30	17 21	0 39	19 17	0 39	9 24	1 41	4 11	14 18	13 26	13 29	1 40	8 42	1 12
T 28	14 2	4 0	3 17	2 38	2 48	18 41	0n 1	19 52	0 24	4 22	1 30	17 21	0 39	19 17	0 39	9 25	1 41	4 11	14 18	13 26	13 28	1 43	8 44	1 12
W29	14 21	1s31	2 22	3 13	2 46	19 1	0 4	20 2	0 25	4 23														

SWISS EPHEMERIS for the year 1874

JULY 1874

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	18 35 30	8♂55'56	24♂ 5	4♂24	11♂ 7	10♂16	24♂27	13°R15	8♂53	0♂31	22♂15	3°R27	2♂25	16♂43	22°V16	
T 2	18 39 27	9°53'07	7♂45	5°10	12°18	10°56	24°34	13♂11	8°56	0°32	22°16	3♂17	2°22	16°49	22°17	
F 3	18 43 24	10°50'18	21°37	5°53	13°30	11°36	24°41	13° 8	9° 0	0°33	22°17	3° 8	2°19	16°56	22°19	
S 4	18 47 20	11°47'29	5♂37	6°31	14°41	12°15	24°48	13° 5	9° 3	0°34	22°18	3° 1	2°16	17° 3	22°20	
S 5	18 51 17	12°44'40	19°41	7° 6	15°53	12°55	24°55	13° 1	9° 6	0°35	22°19	2°57	2°12	17° 9	22°21	
M 6	18 55 13	13°41'52	3♂48	7°37	17° 4	13°34	25° 3	12°58	9°10	0°36	22°20	2°55	2° 9	17°16	22°22	
T 7	18 59 10	14°39'04	17°56	8° 4	18°15	14°13	25°11	12°54	9°13	0°37	22°21	2°D55	2° 6	17°23	22°23	
W 8	19 3 6	15°36'16	2♂ 4	8°26	19°26	14°53	25°18	12°50	9°17	0°38	22°21	2°R55	2° 3	17°29	22°24	
T 9	19 7 3	16°33'29	16°11	8°44	20°38	15°32	25°26	12°47	9°20	0°39	22°22	2°54	2° 0	17°36	22°25	
F 10	19 10 59	17°30'42	0♂15	8°58	21°49	16°11	25°34	12°43	9°24	0°39	22°23	2°52	1°57	17°43	22°26	
S 11	19 14 56	18°27'56	14°14	9° 6	23° 0	16°51	25°42	12°39	9°27	0°40	22°24	2°47	1°53	17°49	22°27	
S 12	19 18 53	19°25'11	28° 6	9°R10	24°11	17°30	25°50	12°35	9°31	0°41	22°25	2°39	1°50	17°56	22°28	
M13	19 22 49	20°22'26	11♂46	9°10	25°22	18° 9	25°59	12°31	9°34	0°42	22°26	2°29	1°47	18° 3	22°29	
T 14	19 26 46	21°19'41	25°13	9° 4	26°33	18°48	26° 7	12°27	9°38	0°42	22°26	2°17	1°44	18° 9	22°29	
W15	19 30 42	22°16'56	8♂23	8°54	27°44	19°28	26°16	12°23	9°41	0°43	22°27	2° 5	1°41	18°16	22°30	
T 16	19 34 39	23°14'12	21°15	8°38	28°55	20° 7	26°24	12°19	9°45	0°44	22°28	1°54	1°38	18°23	22°31	
F 17	19 38 35	24°11'28	3♂49	8°19	0♂ 6	20°46	26°33	12°15	9°49	0°44	22°29	1°44	1°34	18°29	22°31	
S 18	19 42 32	25° 8'44	16° 7	7°55	1°16	21°25	26°42	12°11	9°52	0°45	22°29	1°36	1°31	18°36	22°32	
S 19	19 46 28	26° 6'01	28°11	7°26	2°27	22° 4	26°51	12° 7	9°56	0°45	22°30	1°32	1°28	18°43	22°32	
M20	19 50 25	27° 3'18	10♂ 4	6°54	3°37	22°43	27° 0	12° 2	10° 0	0°46	22°31	1°29	1°25	18°49	22°32	
T 21	19 54 22	28° 0'35	21°53	6°19	4°48	23°22	27° 9	11°58	10° 3	0°46	22°31	1°28	1°22	18°56	22°33	
W22	19 58 18	28°57'52	3♂43	5°41	5°58	24° 1	27°19	11°54	10° 7	0°47	22°32	1°28	1°18	19° 2	22°33	
T 23	20 2 15	29°55'10	15°38	5° 0	7° 9	24°40	27°28	11°49	10°11	0°47	22°33	1°28	1°15	19° 9	22°33	
F 24	20 6 11	0♂52'28	27°44	4°18	8°19	25°19	27°37	11°45	10°14	0°48	22°33	1°26	1°12	19°16	22°33	
S 25	20 10 8	1°49'47	10♂ 6	3°35	9°29	25°58	27°47	11°41	10°18	0°48	22°34	1°22	1° 9	19°22	22°34	
S 26	20 14 4	2°47'06	22°48	2°51	10°39	26°37	27°57	11°36	10°22	0°48	22°35	1°16	1° 6	19°29	22°34	
M27	20 18 1	3°44'26	5♂51	2° 9	11°50	27°16	28° 6	11°32	10°25	0°49	22°35	1° 7	1° 3	19°36	22°R34	
T 28	20 21 57	4°41'47	19°18	1°27	13° 0	27°55	28°16	11°28	10°29	0°49	22°36	0°56	0°59	19°42	22°34	
W29	20 25 54	5°39'08	3♂ 6	0°48	14° 9	28°34	28°26	11°23	10°33	0°49	22°36	0°44	0°56	19°49	22°33	
T 30	20 29 51	6°36'30	17°11	0°12	15°19	29°12	28°36	11°19	10°36	0°49	22°37	0°33	0°53	19°56	22°33	
F 31	20 33 47	7♂33'53	1♂28	29♂39	16♂29	29♂51	28♂46	11♂14	10♂40	0♂49	22♂37	0♂23	0♂50	20♂ 2	22°V33	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	23n 9	26s13	4s59	18n53	0s18	19n 9	1n46	23n57	0n54	3n22	1n16	17s38	0s49	18n39	0n37	10n 3	1s43	4n27	14s21	12n41	12n19	5s17	9n46	1n10
T 2	23 5 23	12 5	2 18 30	0 31	18 49	1 46	23 55	0 54	3 19	1 16	17 39	0 49	18 38	0 37	10 3	1 43	4 27	14 21	12 37	12 18	5 20	9 46	1 10	
F 3	23 1 18	50 4	47 18 7	0 44	18 28	1 46	23 51	0 55	3 16	1 16	17 40	0 49	18 37	0 37	10 3	1 44	4 27	14 21	12 34	12 17	5 24	9 47	1 10	
S 4	22 56	13 25	4 16	17 44	0 57	18 7	1 45	23 48	0 55	3 13	1 16	17 41	0 49	18 36	0 37	10 4	1 44	4 27	14 21	12 32	12 16	5 27	9 47	1 10
S 5	22 51	7 17	3 28	17 22	1 11	17 45	1 45	23 45	0 55	3 10	1 15	17 43	0 49	18 35	0 37	10 4	1 44	4 27	14 22	12 30	12 15	5 30	9 47	1 10
M 6	22 45	0 45	2 28	17 0	1 26	17 23	1 44	23 41	0 56	3 7	1 15	17 44	0 49	18 34	0 37	10 4	1 44	4 27	14 22	12 30	12 14	5 34	9 48	1 10
T 7	22 39	5n50	1 19	16 39	1 40	17 0	1 43	23 38	0 56	3 4	1 15	17 45	0 50	18 34	0 37	10 5	1 44	4 27	14 22	12 30	12 13	5 37	9 48	1 10
W 8	22 33	12 8	0 5	16 19	1 55	16 37	1 42	23 34	0 56	3 1	1 15	17 46	0 50	18 33	0 37	10 5	1 44	4 27	14 22	12 30	12 12	5 40	9 49	1 10
T 9	22 26	17 48	1n10	16 1	2 9	16 14	1 42	23 29	0 57	2 57	1 15	17 47	0 50	18 32	0 37	10 5	1 44	4 27	14 22	12 29	12 11	5 44	9 49	1 10
F 10	22 19	22 29	2 20	15 43	2 24	15 50	1 41	23 25	0 57	2 54	1 14	17 48	0 50	18 31	0 37	10 5	1 44	4 27	14 23	12 29	12 9	5 47	9 49	1 10
S 11	22 11	25 50	3 20	15 26	2 39	15 26	1 40	23 21	0 57	2 51	1 14	17 50	0 50	18 30	0 37	10 5	1 44	4 27	14 23	12 27	12 8	5 50	9 50	1 10
S 12	22 3 27	35 4	9 15 11	2 53	15 1	1 38	23 16	0 58	2 47	1 14	17 51	0 50	18 29	0 37	10 6	1 44	4 27	14 23	12 24	12 7	5 54	9 50	1 10	
M13	21 55	27 37	4 42	14 58	3 8	14 36	1 37	23 11	0 58	2 44	1 14	17 52	0 50	18 28	0 37	10 6	1 44	4 27	14 23	12 21	12 6	5 57	9 50	1 10
T 14	21 46	26 0	4 59	14 45	3 22	14 11	1 36	23 6	0 58	2 40	1 14	17 53	0 50	18 27	0 37	10 6	1 44	4 27	14 24	12 17	12 5	6 0	9 50	1 10
W15	21 37	22 59	4 59	14 35	3 35	13 45	1 34	23 1	0 59	2 37	1 14	17 54	0 51	18 26	0 37	10 6	1 44	4 27	14 24	12 12	12 4	6 4	9 51	1 10
T 16	21 27	18 54	4 44	14 26	3 48	13 19	1 33	22 55	0 59	2 33	1 13	17 56	0 51	18 25	0 37	10 6	1 44	4 27	14 24	12 8	12 3	6 7	9 51	1 10
F 17	21 18	14 5	4 16	14 19	4 1	12 52	1 31	22 50	0 59	2 29	1 13	17 57	0 51	18 24	0 37	10 7	1 44	4 27	14 24	12 5	12 2	6 10	9 51	1 10
S 18	21 7	8 48	3 36	14 14	4 12	12 26	1 30	22 44	0 59	2 26	1 13	17 58	0 51	18 23	0 37	10 7	1 44	4 27	14 24	12 3	12 1	6 14	9 51	1 10
S 19	20 57	3 16	2 47	14 11	4 23	11 59	1 28	22 38	1 0	2 22	1 13	18 0	0 51	18 22	0 37	10 7	1 44	4 27	14 25	12 0	12 0	6 17	9 51	1 10
M20	20 46	2s18	1 51	14 10	4 32	11 31	1 26	22 32	1 0	2 18	1 13	18 1	0 51	18 21	0 37	10 7	1 45	4 27	14 25	12 0	11 58	6 20	9 52	1 10
T 21	20 35	7 45	0 51	14 11	4 40	11 4	1 24	22 25	1 0	2 15	1 13	18 2	0 51	18 20	0 37	10 7	1 45	4 27	14 25	12 0	11 57	6 24	9 52	1 10
W22	20 23	12 57	0s12	14 14	4 47	10 36	1 22	22 19	1 1	2 11	1 12	18 3	0 51	18 19	0 37	10 7	1 45	4 27	14 25	12 0	11 56	6 27	9 52	1 10
T 23	20 11	17 43	1 14	14 18	4 52	10 8	1 20	22 12	1 1	2 7	1 12	18 5	0 51	18 18	0 37	10 7	1 45	4 27	14 26	12 0	11 55	6 30	9 52	1 10
F 24	19 59	21 51	2 14	14 25	4 55	9 39	1 18	22 6	1 1	2 3	1 12	18 6	0 52	18 17	0 37	10 7	1 45	4 27	14 26	11 59	11 54	6 33	9 52	1 10
S 25	19 46	25 6	3 9	14 33	4 57	9 11	1 15	21 59	1 1	1 59	1 12	18 7	0 52	18 16	0 37	10 7	1 45	4 26	14 26	11 58	11 53	6 37	9 52	1 10
S 26	19 33	27 12	3 56	14 42	4 57	8 42	1 13	21 51	1 2	1 55	1 12	18 9	0 52	18 15	0 37	10 7	1 45	4 26	14 26	11 55	11 52	6 40	9 52	1 10
M27	19 20	27 52	4 32	14 54	4 56	8 13	1 10	21 44	1 2	1 51	1 12	18 10	0 52	18 14	0 37	10 7	1 45	4 26	14 27	11 52	11 51	6 43	9 52	1 10
T 28	19 6	26 55	4 54	15 6	4 52	7 44	1 8	21 37	1 2	1 47	1 12	18 11	0 52	18 13	0 37	10 7	1 45	4 26	14 27	11 48	11 50	6 47	9 52	1 10
W29	18 52	24 21	5 0	15 19	4 47	7 15</																		

SWISS EPHEMERIS for the year 1874

AUGUST 1874

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	20 37 44	8♄31'16	15♋52	29°R11	17♎39	0♄30	28♎57	11°R10	10♄44	0♄49	22♄38	0°R15	0♄47	20♄ 9	22°R33
S 2	20 41 40	9°28'41	0♎17	28♄47	18°48	1° 9	29° 7	11♋ 5	10°47	0°49	22°38	0♄10	0°44	20°16	22°Y32
M 3	20 45 37	10°26'07	14°39	28°29	19°58	1°47	29°17	11° 1	10°51	0°50	22°38	0° 8	0°40	20°22	22°32
T 4	20 49 33	11°23'34	28°54	28°16	21° 7	2°26	29°28	10°56	10°55	0°R50	22°39	0°D 7	0°37	20°29	22°32
W 5	20 53 30	12°21'03	13♌ 1	28°D10	22°17	3° 5	29°38	10°52	10°59	0°50	22°39	0°R 7	0°34	20°36	22°31
T 6	20 57 26	13°18'33	26°59	28°10	23°26	3°43	29°49	10°47	11° 2	0°49	22°40	0° 6	0°31	20°42	22°31
F 7	21 1 23	14°16'05	10♐47	28°17	24°35	4°22	29°59	10°43	11° 6	0°49	22°40	0° 4	0°28	20°49	22°30
S 8	21 5 20	15°13'37	24°25	28°30	25°44	5° 0	0♁10	10°38	11°10	0°49	22°40	29°Y59	0°24	20°55	22°29
S 9	21 9 16	16°11'12	7♄54	28°51	26°53	5°39	0°21	10°34	11°13	0°49	22°40	29°52	0°21	21° 2	22°29
M10	21 13 13	17° 8'47	21°11	29°18	28° 2	6°18	0°32	10°30	11°17	0°49	22°41	29°42	0°18	21° 9	22°28
T 11	21 17 9	18° 6'24	4♄15	29°53	29°11	6°56	0°43	10°25	11°21	0°49	22°41	29°31	0°15	21°15	22°27
W12	21 21 6	19° 4'02	17° 6	0♄34	0♁20	7°35	0°54	10°21	11°25	0°48	22°41	29°19	0°12	21°22	22°26
T 13	21 25 2	20° 1'41	29°44	1°22	1°28	8°13	1° 5	10°16	11°28	0°48	22°41	29° 7	0° 9	21°29	22°25
F 14	21 28 59	20°59'21	12♎ 7	2°17	2°37	8°52	1°17	10°12	11°32	0°48	22°42	28°57	0° 5	21°35	22°24
S 15	21 32 55	21°57'03	24°16	3°18	3°45	9°30	1°28	10° 8	11°36	0°48	22°42	28°50	0° 2	21°42	22°23
S 16	21 36 52	22°54'45	6♁15	4°25	4°53	10° 9	1°39	10° 3	11°39	0°47	22°42	28°45	29°Y59	21°49	22°22
M17	21 40 49	23°52'29	18° 6	5°38	6° 2	10°47	1°51	9°59	11°43	0°47	22°42	28°43	29°56	21°55	22°21
T 18	21 44 45	24°50'14	29°54	6°58	7°10	11°25	2° 2	9°55	11°47	0°46	22°42	28°D42	29°53	22° 2	22°20
W19	21 48 42	25°48'00	11♐42	8°22	8°18	12° 4	2°14	9°51	11°50	0°46	22°42	28°42	29°50	22° 9	22°19
T 20	21 52 38	26°45'47	23°36	9°52	9°25	12°42	2°25	9°46	11°54	0°45	22°42	28°R43	29°46	22°15	22°18
F 21	21 56 35	27°43'36	5♁41	11°26	10°33	13°20	2°37	9°42	11°58	0°45	22°42	28°43	29°43	22°22	22°16
S 22	22 0 31	28°41'26	18° 3	13° 4	11°41	13°59	2°48	9°38	12° 1	0°44	22°42	28°41	29°40	22°29	22°15
S 23	22 4 28	29°39'17	0♄47	14°46	12°48	14°37	3° 0	9°34	12° 5	0°44	22°R42	28°37	29°37	22°35	22°13
M24	22 8 24	0♎37'09	13°55	16°32	13°55	15°15	3°12	9°30	12° 8	0°43	22°42	28°31	29°34	22°42	22°12
T 25	22 12 21	1°35'02	27°29	18°20	15° 3	15°54	3°24	9°26	12°12	0°42	22°42	28°23	29°30	22°48	22°11
W26	22 16 18	2°32'57	11♋29	20°11	16°10	16°32	3°36	9°22	12°15	0°42	22°42	28°14	29°27	22°55	22° 9
T 27	22 20 14	3°30'53	25°51	22° 4	17°16	17°10	3°48	9°18	12°19	0°41	22°42	28° 5	29°24	23° 2	22° 7
F 28	22 24 11	4°28'51	10♋30	23°59	18°23	17°48	4° 0	9°14	12°22	0°40	22°42	27°58	29°21	23° 8	22° 6
S 29	22 28 7	5°26'50	25°18	25°54	19°30	18°26	4°12	9°11	12°26	0°39	22°42	27°52	29°18	23°15	22° 4
S 30	22 32 4	6°24'51	10°Y 8	27°51	20°36	19° 5	4°24	9° 7	12°29	0°39	22°42	27°49	29°15	23°22	22° 2
M31	22 36 0	7♎22'54	24°Y51	29♄48	21♁43	19♄43	4♁36	9♁ 3	12♄33	0♄38	22♄42	27°D47	29°Y11	23♁28	22°Y 1

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	18n 9	8s49	3s31	16n 4	4s21	5n46	0n57	21n 5	1n 3	1n30	1n11	18s17	0s52	18n 9	0n37	10n 7	1s45	4n26	14s28	11n34	11n45	7s 0	9n52	1n10
S 2	17 54	2 11	2 31	16 20	4 10	5 16	0 54	20 57	1 4	1 26	1 11	18 18	0 52	18 8	0 37	10 7	1 45	4 25	14 28	11 32	11 44	7 3	9 51	1 10
M 3	17 38	4n32	1 21	16 36	3 58	4 45	0 51	20 49	1 4	1 22	1 11	18 19	0 52	18 7	0 37	10 7	1 45	4 25	14 28	11 31	11 43	7 7	9 51	1 10
T 4	17 23	11 0	0 6	16 52	3 44	4 15	0 48	20 40	1 4	1 18	1 11	18 21	0 53	18 6	0 37	10 7	1 45	4 25	14 29	11 31	11 42	7 10	9 51	1 10
W 5	17 7	16 50	1n 8	17 7	3 29	3 45	0 45	20 32	1 4	1 13	1 10	18 22	0 53	18 5	0 37	10 7	1 46	4 25	14 29	11 31	11 41	7 13	9 51	1 10
T 6	16 50	21 43	2 17	17 22	3 14	3 15	0 41	20 23	1 5	1 9	1 10	18 23	0 53	18 4	0 37	10 7	1 46	4 25	14 29	11 31	11 40	7 17	9 51	1 10
F 7	16 34	25 20	3 18	17 36	2 58	2 44	0 38	20 14	1 5	1 5	1 10	18 24	0 53	18 3	0 37	10 7	1 46	4 25	14 30	11 30	11 39	7 20	9 50	1 10
S 8	16 17	27 26	4 6	17 50	2 42	2 44	0 35	20 5	1 5	1 0	1 10	18 26	0 53	18 2	0 37	10 7	1 46	4 24	14 30	11 29	11 37	7 23	9 50	1 10
S 9	16 0	27 53	4 40	18 2	2 26	1 43	0 31	19 56	1 5	0 56	1 10	18 27	0 53	18 1	0 37	10 7	1 46	4 24	14 30	11 26	11 36	7 26	9 50	1 10
M10	15 43	26 42	4 58	18 13	2 9	1 12	0 28	19 46	1 6	0 51	1 10	18 28	0 53	18 0	0 37	10 7	1 46	4 24	14 30	11 22	11 35	7 30	9 50	1 10
T 11	15 25	24 4	5 1	18 22	1 52	0 41	0 24	19 37	1 6	0 47	1 10	18 30	0 53	17 59	0 37	10 7	1 46	4 24	14 31	11 18	11 34	7 33	9 49	1 10
W12	15 7	20 17	4 48	18 30	1 35	0 11	0 20	19 27	1 6	0 42	1 10	18 31	0 53	17 58	0 37	10 7	1 46	4 24	14 31	11 14	11 33	7 36	9 49	1 10
T 13	14 49	15 38	4 20	18 35	1 19	0s20	0 16	19 17	1 6	0 38	1 9	18 32	0 53	17 57	0 37	10 6	1 46	4 23	14 31	11 10	11 32	7 40	9 49	1 10
F 14	14 31	10 26	3 41	18 39	1 2	0 51	0 13	19 8	1 6	0 33	1 9	18 33	0 53	17 56	0 37	10 6	1 46	4 23	14 31	11 7	11 31	7 43	9 48	1 10
S 15	14 12	4 55	2 53	18 41	0 47	1 22	0 9	18 58	1 7	0 29	1 9	18 35	0 53	17 55	0 37	10 6	1 46	4 23	14 32	11 4	11 30	7 46	9 48	1 10
S 16	13 53	0s42	1 57	18 40	0 31	1 52	0 5	18 47	1 7	0 24	1 9	18 36	0 53	17 54	0 37	10 6	1 46	4 23	14 32	11 2	11 29	7 49	9 47	1 10
M17	13 34	6 14	0 56	18 37	0 16	2 23	0 1	18 37	1 7	0 19	1 9	18 37	0 53	17 53	0 37	10 6	1 46	4 22	14 32	11 1	11 27	7 53	9 47	1 10
T 18	13 15	11 33	0s 6	18 31	0 2	2 54	0s 3	18 27	1 7	0 15	1 9	18 38	0 54	17 52	0 37	10 5	1 46	4 22	14 33	11 1	11 26	7 56	9 47	1 10
W19	12 56	16 27	1 9	18 22	0n11	3 24	0 8	18 16	1 8	0 10	1 9	18 39	0 54	17 51	0 37	10 5	1 46	4 22	14 33	11 1	11 25	7 59	9 46	1 10
T 20	12 36	20 46	2 9	18 11	0 24	3 55	0 12	18 6	1 8	0 5	1 9	18 41	0 54	17 50	0 37	10 5	1 46	4 22	14 33	11 2	11 24	8 3	9 46	1 10
F 21	12 16	24 18	3 5	17 57	0 36	4 26	0 16	17 55	1 8	0 1	1 9	18 42	0 54	17 49	0 37	10 5	1 46	4 21	14 33	11 2	11 23	8 6	9 45	1 9
S 22	11 56	26 47	3 53	17 39	0 47	4 56	0 20	17 44	1 8	0s 4	1 9	18 43	0 54	17 48	0 37	10 4	1 47	4 21	14 34	11 1	11 22	8 9	9 45	1 9
S 23	11 36	27 58	4 31	17 20	0 57	5 26	0 25	17 33	1 8	0 9	1 8	18 44	0 54	17 47	0 37	10 4	1 47	4 21	14 34	10 59	11 21	8 12	9 44	1 9
M24	11 16	27 38	4 56	16 57	1 6	5 57	0 29	17 22	1 9	0 14	1 8	18 45	0 54	17 46	0 37	10 4	1 47	4 21	14 34	10 57	11 20	8 16	9 43	1 9
T 25	10 55	25 40	5 6	16 31	1 14	6 27	0 34	17 11	1 9	0 18	1 8	18 46	0 54	17 45	0 37	10 4	1 47	4 20	14 34	10 54	11 18	8 19	9 43	1 9
W26	10 34	22 7	4 58	16 3	1 22	6 57	0 38	16 59	1 9	0 23	1 8	18 47	0 54	17 44	0 37	10 3	1 47	4 20	14 35	10 51	11 17	8 22	9 42	1 9
T 27	10 14	17 9	4 31	15 33	1 28	7 27	0 43	16 48	1 9	0 28	1 8	18 49	0 54	17 43	0 37	10 3	1 47	4 20	14 35	10 48	11 16	8 26	9 42	1 9
F 28	9 52	11 7	3 46	15 0	1 33	7 57	0 47	16 37	1 9	0 33	1 8	18 50	0 54	17 42	0 37	10 3	1 47	4 20	14 35	10 45	11 15	8 29	9 41	1 9
S 29	9 31	4 24	2 46	14 26	1 38																			

SWISS EPHEMERIS for the year 1874

SEPTEMBER 1874

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	22 39 57	8 ^m 20'59"	9 ^h 23'	1 ^m 45'	22 ^h 49'	20 ^h 21'	4 ^h 48'	8°R59	12 ^h 36'	0°R37	22°R42	27°V48	29°V 8	23 ^h 35'	21°R59
W 2	22 43 53	9°19'06"	23°39'	3°43'	23°55'	20°59'	5° 1'	8 ^h 56'	12°40'	0 ^h 36'	22 ^h 41'	27°49'	29° 5'	23°42'	21°V57
T 3	22 47 50	10°17'14"	7 ^h 39'	5°40'	25° 0'	21°37'	5°13'	8°52'	12°43'	0°35'	22°41'	27°R49	29° 2'	23°48'	21°55'
F 4	22 51 47	11°15'25"	21°23'	7°37'	26° 6'	22°15'	5°25'	8°49'	12°47'	0°34'	22°41'	27°49'	28°59'	23°55'	21°53'
S 5	22 55 43	12°13'38"	4 ^h 50'	9°33'	27°11'	22°53'	5°38'	8°46'	12°50'	0°33'	22°41'	27°47'	28°55'	24° 2'	21°51'
S 6	22 59 40	13°11'53"	18° 1'	11°28'	28°17'	23°31'	5°50'	8°42'	12°53'	0°32'	22°40'	27°43'	28°52'	24° 8'	21°49'
M 7	23 3 36	14°10'10"	0 ^h 59'	13°23'	29°22'	24° 9'	6° 2'	8°39'	12°57'	0°31'	22°40'	27°37'	28°49'	24°15'	21°47'
T 8	23 7 33	15° 8'29"	13°43'	15°16'	0 ^h 27'	24°48'	6°15'	8°36'	13° 0'	0°30'	22°40'	27°29'	28°46'	24°21'	21°45'
W 9	23 11 29	16° 6'50"	26°15'	17° 9'	1°31'	25°26'	6°27'	8°33'	13° 3'	0°29'	22°39'	27°22'	28°43'	24°28'	21°43'
T 10	23 15 26	17° 5'13"	8 ^m 36'	19° 1'	2°36'	26° 4'	6°40'	8°30'	13° 6'	0°28'	22°39'	27°15'	28°40'	24°35'	21°41'
F 11	23 19 22	18° 3'37"	20°46'	20°52'	3°40'	26°42'	6°53'	8°27'	13°10'	0°27'	22°39'	27° 9'	28°36'	24°41'	21°38'
S 12	23 23 19	19° 2'04"	2 ^h 46'	22°42'	4°44'	27°20'	7° 5'	8°24'	13°13'	0°26'	22°38'	27° 4'	28°33'	24°48'	21°36'
S 13	23 27 16	20° 0'32"	14°39'	24°30'	5°48'	27°57'	7°18'	8°21'	13°16'	0°25'	22°38'	27° 1'	28°30'	24°55'	21°34'
M14	23 31 12	20°59'02"	26°27'	26°18'	6°52'	28°35'	7°30'	8°19'	13°19'	0°23'	22°37'	27°D 1	28°27'	25° 1'	21°31'
T 15	23 35 9	21°57'34"	8 ^m 13'	28° 4'	7°55'	29°13'	7°43'	8°16'	13°22'	0°22'	22°37'	27° 1'	28°24'	25° 8'	21°29'
W16	23 39 5	22°56'07"	20° 1'	29°50'	8°58'	29°51'	7°56'	8°13'	13°25'	0°21'	22°36'	27° 3'	28°21'	25°15'	21°27'
T 17	23 43 2	23°54'42"	1 ^h 54'	1 ^h 34'	10° 1'	0 ^h 29'	8° 9'	8°11'	13°28'	0°20'	22°36'	27° 4'	28°17'	25°21'	21°24'
F 18	23 46 58	24°53'19"	13°59'	3°18'	11° 4'	1° 7'	8°21'	8° 9'	13°31'	0°18'	22°35'	27° 6'	28°14'	25°28'	21°22'
S 19	23 50 55	25°51'58"	26°18'	5° 0'	12° 7'	1°45'	8°34'	8° 6'	13°34'	0°17'	22°35'	27°R 6	28°11'	25°35'	21°19'
S 20	23 54 51	26°50'38"	8 ^h 58'	6°41'	13° 9'	2°23'	8°47'	8° 4'	13°37'	0°16'	22°34'	27° 6'	28° 8'	25°41'	21°17'
M21	23 58 48	27°49'20"	22° 3'	8°22'	14°10'	3° 1'	9° 0'	8° 2'	13°40'	0°14'	22°34'	27° 4'	28° 5'	25°48'	21°14'
T 22	0 2 45	28°48'04"	5 ^h 34'	10° 1'	15°12'	3°38'	9°13'	8° 0'	13°43'	0°13'	22°33'	27° 1'	28° 1'	25°54'	21°12'
W23	0 6 41	29°46'49"	19°34'	11°40'	16°13'	4°16'	9°26'	7°58'	13°46'	0°12'	22°33'	26°57'	27°58'	26° 1'	21° 9'
T 24	0 10 38	0 ^h 45'37"	4 ^h 0'	13°17'	17°14'	4°54'	9°38'	7°56'	13°49'	0°10'	22°32'	26°53'	27°55'	26° 8'	21° 7'
F 25	0 14 34	1°44'25"	18°48'	14°54'	18°15'	5°32'	9°51'	7°55'	13°52'	0° 9'	22°31'	26°50'	27°52'	26°14'	21° 4'
S 26	0 18 31	2°43'16"	3 ^h V50'	16°29'	19°15'	6° 9'	10° 4'	7°53'	13°54'	0° 7'	22°31'	26°47'	27°49'	26°21'	21° 1'
S 27	0 22 27	3°42'09"	18°58'	18° 4'	20°15'	6°47'	10°17'	7°51'	13°57'	0° 6'	22°30'	26°46'	27°46'	26°28'	20°59'
M28	0 26 24	4°41'04"	4 ^h 2'	19°38'	21°14'	7°25'	10°30'	7°50'	14° 0'	0° 4'	22°29'	26°D46	27°42'	26°34'	20°56'
T 29	0 30 20	5°40'01"	18°54'	21°11'	22°14'	8° 3'	10°43'	7°48'	14° 2'	0° 3'	22°29'	26°47'	27°39'	26°41'	20°53'
W30	0 34 17	6°39'01"	3 ^h II29'	22 ^h 43'	23 ^h 12'	8 ^m 40'	10 ^h 56'	7 ^h 47'	14 ^h 5'	0 ^h 1'	22 ^h 28'	26°V48	27°V36	26 ^h 48'	20°V51

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	8n27	15n37	1n 2	12n30	1n46	9s54	1s 6	15n49	1n10	0s53	1n 8	18s54	0s54	17n38	0n37	10n 1	1s47	4n18	14s36	10n42	11n11	8s42	9n38	1n 9
W 2	8 5	20 53	2 15	11 49	1 47	10 23	1 11	15 37	1 10	0 57	1 8	18 55	0 54	17 37	0 37	10 1	1 47	4 18	14 37	10 42	11 9	8 45	9 38	1 9
T 3	7 43	24 52	3 18	11 6	1 47	10 52	1 16	15 25	1 10	1 2	1 8	18 56	0 54	17 36	0 37	10 1	1 47	4 18	14 37	10 42	11 8	8 49	9 37	1 9
F 4	7 21	27 19	4 9	10 22	1 47	11 20	1 21	15 13	1 11	1 7	1 7	18 57	0 54	17 35	0 37	10 0	1 47	4 17	14 37	10 42	11 7	8 52	9 36	1 9
S 5	6 59	28 7	4 45	9 38	1 46	11 49	1 26	15 1	1 11	1 12	1 7	18 57	0 54	17 34	0 38	10 0	1 47	4 17	14 37	10 42	11 6	8 55	9 35	1 9
S 6	6 36	27 16	5 5	8 52	1 44	12 17	1 30	14 48	1 11	1 17	1 7	18 58	0 54	17 33	0 38	10 0	1 47	4 17	14 38	10 40	11 5	8 58	9 34	1 9
M 7	6 14	24 58	5 8	8 6	1 42	12 45	1 35	14 36	1 11	1 22	1 7	18 59	0 54	17 33	0 38	9 59	1 47	4 16	14 38	10 38	11 4	9 2	9 34	1 9
T 8	5 52	21 27	4 57	7 20	1 39	13 12	1 40	14 23	1 11	1 27	1 7	19 0	0 54	17 32	0 38	9 59	1 47	4 16	14 38	10 35	11 3	9 5	9 33	1 9
W 9	5 29	17 1	4 31	6 33	1 36	13 39	1 45	14 11	1 11	1 32	1 7	19 1	0 54	17 31	0 38	9 58	1 47	4 16	14 38	10 33	11 2	9 8	9 32	1 9
T 10	5 6	11 57	3 53	5 46	1 32	14 7	1 50	13 58	1 12	1 37	1 7	19 2	0 54	17 30	0 38	9 58	1 48	4 16	14 39	10 30	11 0	9 11	9 31	1 9
F 11	4 43	6 29	3 4	4 58	1 28	14 33	1 55	13 45	1 12	1 42	1 7	19 2	0 54	17 29	0 38	9 58	1 48	4 15	14 39	10 28	10 9	9 15	9 30	1 9
S 12	4 21	0 52	2 8	4 11	1 24	15 0	2 0	13 32	1 12	1 47	1 7	19 3	0 54	17 28	0 38	9 57	1 48	4 15	14 39	10 26	10 58	9 18	9 29	1 9
S 13	3 58	4s45	1 7	3 24	1 19	15 26	2 5	13 19	1 12	1 52	1 7	19 4	0 54	17 27	0 38	9 57	1 48	4 14	14 39	10 25	10 57	9 21	9 29	1 9
M14	3 35	10 10	0 3	2 36	1 14	15 52	2 10	13 6	1 12	1 57	1 7	19 5	0 55	17 26	0 38	9 56	1 48	4 14	14 40	10 25	10 56	9 24	9 28	1 9
T 15	3 12	15 13	1s 1	1 49	1 8	16 18	2 15	12 53	1 12	2 2	1 7	19 5	0 55	17 25	0 38	9 56	1 48	4 14	14 40	10 25	10 55	9 28	9 27	1 9
W16	2 48	19 44	2 3	1 2	1 3	16 43	2 20	12 40	1 13	2 8	1 7	19 6	0 55	17 25	0 38	9 55	1 48	4 13	14 40	10 26	10 54	9 31	9 26	1 9
T 17	2 25	23 29	3 0	0 15	0 57	17 8	2 25	12 27	1 13	2 13	1 7	19 7	0 55	17 24	0 38	9 55	1 48	4 13	14 40	10 26	10 52	9 34	9 25	1 9
F 18	2 2	26 17	3 49	0s32	0 51	17 32	2 30	12 13	1 13	2 18	1 7	19 7	0 55	17 23	0 38	9 54	1 48	4 13	14 41	10 27	10 51	9 37	9 24	1 9
S 19	1 39	27 54	4 30	1 18	0 45	17 56	2 35	12 0	1 13	2 23	1 7	19 8	0 55	17 22	0 38	9 54	1 48	4 12	14 41	10 27	10 50	9 41	9 23	1 8
S 20	1 15	28 7	4 58	2 5	0 38	18 20	2 40	11 46	1 13	2 28	1 7	19 9	0 55	17 21	0 38	9 53	1 48	4 12	14 41	10 27	10 49	9 44	9 22	1 8
M21	0 52	26 48	5 13	2 50	0 31	18 44	2 45	11 33	1 13	2 33	1 7	19 9	0 55	17 20	0 38	9 53	1 48	4 12	14 41	10 26	10 48	9 47	9 21	1 8
T 22	0 29	23 54	5 10	3 36	0 25	19 7	2 50	11 19	1 13	2 38	1 7	19 10	0 55	17 20	0 38	9 52	1 48	4 11	14 41	10 25	10 47	9 50	9 20	1 8
W23	0 5	19 33	4 50	4 20	0 18	19 29	2 55	11 6	1 13	2 43	1 7	19 10	0 55	17 19	0 38	9 52	1 48	4 11	14 42	10 24	10 46	9 54	9 19	1 8
T 24	0s18	13 56	4 11	5 5	0 11	19 52	3 0	10 52	1 14	2 48	1 7	19 11	0 55	17 18	0 38	9 51	1 48	4 11	14 42	10 22	10 45	9 57	9 18	1 8
F 25	0 42	7 25	3 14	5 49	0 4	20 14	3 4	10 38	1 14	2 53	1 7	19 11	0 55	17 17	0 38	9 51	1 48	4 10	14 42	10 21	10 43	10 0	9 17	1 8
S 26	1 5	0 21	2 3	6 32	0s 3	20 35	3 9	10 24	1 14	2 58	1 7	19 11	0 55	17 16	0 38	9 50	1 48	4 10	14 42	10 20	10 42	10 3	9 16	1 8
S 27	1 28	6n46	0 43	7 15	0 11	20 56	3 14	10 10	1 14	3 3	1 6	19 12	0 55	17 16	0 38	9 50	1 48	4 10	14 43	10 20	10 41	10 7	9 15	1 8
M28	1 52	13 30	0n40	7 58	0 18	21 17	3 19	9 56	1 14	3 9	1 6	19 12	0 55	17 15	0 38	9 49	1 48	4 9	14 43	10 20	10 40	10 10	9 14	1 8
T 29	2 15	19 22	1 59	8 39	0 25	21 37	3 23	9 42	1 14	3 14	1 6	19 13	0 55	17 14	0 3									

SWISS EPHEMERIS for the year 1874

OCTOBER 1874

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	0 38 14	7♁38'03	17♁41	24♁14	24♁11	9♁18	11♁ 9	7°R46	14♁ 8	29°R59	22°R27	26°Y49	27°Y33	26♁54	20°R48
F 2	0 42 10	8°37'07	1♁30	25°45	25° 9	9°56	11°22	7♁45	14°10	29°Y58	22♁26	26°50	27°30	27° 1	20°Y45
S 3	0 46 7	9°36'14	14°56	27°14	26° 6	10°33	11°35	7°44	14°13	29°57	22°26	26°R50	27°27	27° 8	20°42
S 4	0 50 3	10°35'23	28° 1	28°43	27° 4	11°11	11°48	7°43	14°15	29°55	22°25	26°50	27°23	27°14	20°40
M 5	0 54 0	11°34'34	10♁47	0♁11	28° 0	11°49	12° 1	7°42	14°18	29°54	22°24	26°48	27°20	27°21	20°37
T 6	0 57 56	12°33'47	23°17	1°38	28°56	12°26	12°14	7°42	14°20	29°52	22°23	26°46	27°17	27°28	20°34
W 7	1 1 53	13°33'03	5♁35	3° 4	29°52	13° 4	12°27	7°41	14°22	29°51	22°22	26°44	27°14	27°34	20°31
T 8	1 5 49	14°32'21	17°41	4°29	0♁47	13°41	12°40	7°41	14°25	29°49	22°21	26°42	27°11	27°41	20°28
F 9	1 9 46	15°31'41	29°40	5°53	1°42	14°19	12°53	7°40	14°27	29°47	22°21	26°41	27° 7	27°47	20°26
S 10	1 13 42	16°31'03	11♁32	7°16	2°36	14°57	13° 6	7°40	14°29	29°46	22°20	26°40	27° 4	27°54	20°23
S 11	1 17 39	17°30'27	23°21	8°39	3°30	15°34	13°19	7°40	14°31	29°44	22°19	26°D39	27° 1	28° 1	20°20
M12	1 21 36	18°29'53	5♁ 8	10° 0	4°23	16°12	13°32	7°D40	14°33	29°42	22°18	26°39	26°58	28° 7	20°17
T 13	1 25 32	19°29'21	16°55	11°20	5°15	16°49	13°45	7°40	14°35	29°41	22°17	26°40	26°55	28°14	20°14
W14	1 29 29	20°28'51	28°45	12°39	6° 7	17°27	13°58	7°40	14°37	29°39	22°16	26°41	26°52	28°21	20°11
T 15	1 33 25	21°28'24	10♁42	13°57	6°58	18° 4	14°11	7°40	14°39	29°37	22°15	26°41	26°48	28°27	20° 9
F 16	1 37 22	22°27'58	22°49	15°14	7°48	18°42	14°24	7°40	14°41	29°36	22°14	26°42	26°45	28°34	20° 6
S 17	1 41 18	23°27'33	5♁ 9	16°29	8°38	19°19	14°37	7°41	14°43	29°34	22°13	26°42	26°42	28°41	20° 3
S 18	1 45 15	24°27'11	17°46	17°43	9°27	19°57	14°50	7°41	14°45	29°32	22°12	26°42	26°39	28°47	20° 0
M19	1 49 11	25°26'50	0♁44	18°55	10°15	20°34	15° 3	7°42	14°47	29°31	22°11	26°R42	26°36	28°54	19°57
T 20	1 53 8	26°26'31	14° 7	20° 5	11° 3	21°11	15°16	7°43	14°48	29°29	22°10	26°D42	26°33	29° 1	19°55
W21	1 57 5	27°26'13	27°56	21°14	11°49	21°49	15°28	7°43	14°50	29°27	22° 9	26°42	26°29	29° 7	19°52
T 22	2 1 1	28°25'58	12♁12	22°20	12°35	22°26	15°41	7°44	14°52	29°26	22° 8	26°42	26°26	29°14	19°49
F 23	2 4 58	29°25'44	26°52	23°24	13°19	23° 3	15°54	7°45	14°53	29°24	22° 7	26°43	26°23	29°20	19°46
S 24	2 8 54	0♁25'31	11°Y52	24°26	14° 3	23°41	16° 7	7°46	14°55	29°22	22° 6	26°43	26°20	29°27	19°43
S 25	2 12 51	1°25'21	27° 4	25°24	14°46	24°18	16°20	7°48	14°56	29°21	22° 5	26°R43	26°17	29°34	19°41
M26	2 16 47	2°25'12	12♁18	26°20	15°27	24°55	16°32	7°49	14°58	29°19	22° 4	26°43	26°13	29°40	19°38
T 27	2 20 44	3°25'06	27°24	27°12	16° 8	25°33	16°45	7°50	14°59	29°17	22° 3	26°42	26°10	29°47	19°35
W28	2 24 40	4°25'02	12♁15	28° 0	16°47	26°10	16°58	7°52	15° 0	29°16	22° 2	26°41	26° 7	29°54	19°32
T 29	2 28 37	5°24'59	26°43	28°44	17°25	26°47	17°11	7°54	15° 2	29°14	22° 1	26°40	26° 4	0♁ 0	19°30
F 30	2 32 34	6°24'59	10♁44	29°24	18° 2	27°25	17°23	7°55	15° 3	29°12	22° 0	26°39	26° 1	0° 7	19°27
S 31	2 36 30	7♁25'02	24♁18	29♁58	18♁38	28♁ 2	17♁36	7♁57	15♁ 4	29°Y11	21♁59	26°Y39	25°Y58	0♁14	19°Y24

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	3s 2	26n58	4n 6	10s 1	0s39	22s16	3s32	9n14	1n14	3s24	1n 6	19s13	0s55	17n13	0n38	9n47	1s48	4n 8	14s43	10n21	10n37	10s19	9n10	1n 8
F 2	3 25	28 13	4 46	10 41	0 47	22 34	3 37	9 0	1 15	3 29	1 6	19 14	0 55	17 12	0 38	9 47	1 48	4 8	14 44	10 21	10 35	10 23	9 9	1 8
S 3	3 48	27 45	5 10	11 20	0 54	22 53	3 41	8 46	1 15	3 34	1 6	19 14	0 55	17 11	0 38	9 46	1 48	4 7	14 44	10 21	10 34	10 26	9 8	1 8
S 4	4 12	25 44	5 16	11 59	1 1	23 10	3 46	8 32	1 15	3 39	1 6	19 14	0 55	17 11	0 38	9 46	1 48	4 7	14 44	10 21	10 33	10 29	9 7	1 8
M 5	4 35	22 28	5 7	12 36	1 8	23 28	3 50	8 17	1 15	3 44	1 6	19 14	0 55	17 10	0 38	9 45	1 48	4 7	14 44	10 20	10 32	10 32	9 6	1 8
T 6	4 58	18 13	4 43	13 13	1 15	23 45	3 54	8 3	1 15	3 49	1 6	19 14	0 55	17 9	0 38	9 45	1 48	4 6	14 44	10 20	10 31	10 36	9 5	1 7
W 7	5 21	13 18	4 7	13 50	1 22	24 1	3 58	7 49	1 15	3 54	1 6	19 14	0 55	17 9	0 38	9 44	1 48	4 6	14 44	10 19	10 30	10 39	9 4	1 7
T 8	5 44	7 56	3 20	14 25	1 29	24 17	4 2	7 34	1 15	3 59	1 6	19 15	0 55	17 8	0 38	9 43	1 48	4 6	14 45	10 18	10 29	10 42	9 3	1 7
F 9	6 7	2 20	2 24	15 0	1 36	24 32	4 6	7 20	1 15	4 4	1 6	19 15	0 55	17 7	0 39	9 43	1 48	4 5	14 45	10 18	10 27	10 45	9 1	1 7
S 10	6 30	3s18	1 23	15 34	1 43	24 47	4 10	7 6	1 15	4 9	1 6	19 15	0 55	17 7	0 39	9 42	1 48	4 5	14 45	10 17	10 26	10 48	9 0	1 7
S 11	6 53	8 48	0 18	16 7	1 49	25 1	4 14	6 51	1 15	4 14	1 6	19 15	0 54	17 6	0 39	9 42	1 48	4 5	14 45	10 17	10 25	10 52	8 59	1 7
M12	7 15	13 59	0s47	16 39	1 55	25 15	4 17	6 37	1 15	4 19	1 6	19 15	0 54	17 6	0 39	9 41	1 48	4 4	14 45	10 17	10 24	10 55	8 58	1 7
T 13	7 38	18 40	1 50	17 10	2 2	25 28	4 21	6 22	1 16	4 25	1 6	19 15	0 54	17 5	0 39	9 41	1 48	4 4	14 45	10 17	10 23	10 58	8 57	1 7
W14	8 0	22 39	2 49	17 40	2 8	25 41	4 24	6 7	1 16	4 30	1 6	19 15	0 54	17 5	0 39	9 40	1 48	4 3	14 45	10 18	10 22	11 1	8 56	1 7
T 15	8 23	25 43	3 41	18 10	2 13	25 53	4 28	5 53	1 16	4 35	1 6	19 15	0 54	17 4	0 39	9 39	1 49	4 3	14 46	10 18	10 21	11 4	8 55	1 7
F 16	8 45	27 40	4 24	18 38	2 19	26 5	4 31	5 38	1 16	4 40	1 6	19 15	0 54	17 3	0 39	9 39	1 49	4 3	14 46	10 18	10 19	11 8	8 53	1 7
S 17	9 7	28 17	4 56	19 5	2 24	26 16	4 34	5 24	1 16	4 45	1 7	19 14	0 54	17 3	0 39	9 38	1 49	4 2	14 46	10 18	10 18	11 11	8 52	1 7
S 18	9 29	27 28	5 14	19 31	2 29	26 27	4 37	5 9	1 16	4 49	1 7	19 14	0 54	17 2	0 39	9 38	1 49	4 2	14 46	10 18	10 17	11 14	8 51	1 7
M19	9 51	25 10	5 17	19 56	2 34	26 37	4 39	4 54	1 16	4 54	1 7	19 14	0 54	17 2	0 39	9 37	1 49	4 2	14 46	10 18	10 16	11 17	8 50	1 6
T 20	10 13	21 26	5 3	20 19	2 39	26 46	4 42	4 40	1 16	4 59	1 7	19 14	0 54	17 2	0 39	9 36	1 49	4 1	14 46	10 18	10 15	11 20	8 49	1 6
W21	10 34	16 27	4 32	20 42	2 43	26 55	4 44	4 25	1 16	5 4	1 7	19 14	0 54	17 1	0 39	9 36	1 49	4 1	14 46	10 18	10 14	11 23	8 48	1 6
T 22	10 56	10 25	3 43	21 3	2 46	27 4	4 47	4 10	1 16	5 9	1 7	19 13	0 54	17 1	0 39	9 35	1 49	4 1	14 46	10 18	10 12	11 27	8 47	1 6
F 23	11 17	3 40	2 39	21 22	2 50	27 11	4 49	3 55	1 16	5 14	1 7	19 13	0 54	17 0	0 39	9 35	1 49	4 0	14 47	10 18	10 11	11 30	8 45	1 6
S 24	11 38	3n27	1 22	21 41	2 52	27 19	4 51	3 41	1 16	5 19	1 7	19 13	0 54	17 0	0 39	9 34	1 49	4 0	14 47	10 18	10 10	11 33	8 44	1 6
S 25	11 59	10 28	0n 2	21 57	2 55	27 26	4 52	3 26	1 16	5 24	1 7	19 13	0 54	16 59	0 39	9 33	1 49	4 0	14 47	10 19	10 9	11 36	8 43	1 6
M26	12 19	16 54	1 26	22 12	2 56	27 32	4 54	3 11	1 16	5 29	1 7	19 12	0 54	16 59	0 39	9 33	1 49	3 59	14 47	10 18	10 8	11 39	8 42	1 6
T 27	12 40	22 14	2 42	22 25	2 57	27 38	4 55	2 56	1 16	5 34	1 7	19 12	0 54	16 59	0 39	9 32	1 49	3 59	14 47	10 18	10 7	11 43	8 41	1 6
W28	13 0	26 2	3 47	22 37	2 58	27 43	4 56	2 42	1 16	5 38	1 7	19 11	0 54	16 58	0 39	9 32	1 49	3 59	14 47	10 18	10 6	11 46	8 40	1 6
T 29	13 20	28 0	4 35	22 46	2 57	27 47	4 57	2 27																

SWISS EPHEMERIS for the year 1874

NOVEMBER 1874

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	2 40 27	8 ^m 25'06	7 ^h 02'26	0 ^h 26'26	19 ^h 27'12	28 ^h 39'39	17 ^h 48'48	7 ^h 59'59	15 ^h 02'5	29 ^h 09'9	21 ^h 05'58	26 ^h 03'38	25 ^h 05'54	0 ^h 20'20	19 ^h 02'22
M 2	2 44 23	9 ^h 25'12	20 ^h 10	0 ^h 47	19 ^h 46	29 ^h 16	18 ^h 1	8 ^h 1	15 ^h 6	29 ^h 07	21 ^h 05'56	26 ^h 03'39	25 ^h 05'51	0 ^h 27	19 ^h 01'19
T 3	2 48 20	10 ^h 25'21	2 ^h 34'34	1 ^h 2	20 ^h 17	29 ^h 54	18 ^h 14	8 ^h 3	15 ^h 7	29 ^h 6	21 ^h 05'56	26 ^h 03'39	25 ^h 04'48	0 ^h 34	19 ^h 01'16
W 4	2 52 16	11 ^h 25'31	14 ^h 44	1 ^h R 9	20 ^h 47	0 ^h 31	18 ^h 26	8 ^h 6	15 ^h 8	29 ^h 4	21 ^h 05'54	26 ^h 04'1	25 ^h 04'5	0 ^h 40	19 ^h 01'14
T 5	2 56 13	12 ^h 25'44	26 ^h 42	1 ^h 7	21 ^h 16	1 ^h 8	18 ^h 39	8 ^h 8	15 ^h 9	29 ^h 2	21 ^h 05'3	26 ^h 04'2	25 ^h 04'2	0 ^h 47	19 ^h 01'11
F 6	3 0 9	13 ^h 25'58	8 ^h 33	0 ^h 57	21 ^h 43	1 ^h 45	18 ^h 51	8 ^h 10	15 ^h 10	29 ^h 1	21 ^h 05'2	26 ^h 04'3	25 ^h 03'8	0 ^h 53	19 ^h 01'9
S 7	3 4 6	14 ^h 26'14	20 ^h 21	0 ^h 36	22 ^h 8	2 ^h 22	19 ^h 3	8 ^h 13	15 ^h 11	28 ^h 59	21 ^h 05'1	26 ^h 04'4	25 ^h 03'5	1 ^h 0	19 ^h 01'6
S 8	3 8 3	15 ^h 26'33	2 ^h 37	0 ^h 6	22 ^h 32	2 ^h 59	19 ^h 16	8 ^h 15	15 ^h 12	28 ^h 58	21 ^h 05'0	26 ^h 04'4	25 ^h 03'2	1 ^h 7	19 ^h 01'4
M 9	3 11 59	16 ^h 26'53	13 ^h 56	29 ^h 26	22 ^h 54	3 ^h 36	19 ^h 28	8 ^h 18	15 ^h 12	28 ^h 56	21 ^h 04'9	26 ^h 04'3	25 ^h 02'9	1 ^h 13	19 ^h 01'1
T 10	3 15 56	17 ^h 27'14	25 ^h 49	28 ^h 37	23 ^h 14	4 ^h 13	19 ^h 40	8 ^h 21	15 ^h 13	28 ^h 54	21 ^h 04'8	26 ^h 04'1	25 ^h 02'6	1 ^h 20	18 ^h 59'59
W 11	3 19 52	18 ^h 27'38	7 ^h 47	27 ^h 38	23 ^h 32	4 ^h 51	19 ^h 52	8 ^h 24	15 ^h 13	28 ^h 53	21 ^h 04'7	26 ^h 03'8	25 ^h 02'3	1 ^h 27	18 ^h 56'56
T 12	3 23 49	19 ^h 28'03	19 ^h 53	26 ^h 30	23 ^h 48	5 ^h 28	20 ^h 5	8 ^h 27	15 ^h 14	28 ^h 51	21 ^h 04'6	26 ^h 03'4	25 ^h 01'9	1 ^h 33	18 ^h 54'54
F 13	3 27 45	20 ^h 28'30	2 ^h 39	25 ^h 16	24 ^h 2	6 ^h 5	20 ^h 17	8 ^h 30	15 ^h 14	28 ^h 50	21 ^h 04'4	26 ^h 03'0	25 ^h 01'6	1 ^h 40	18 ^h 52'52
S 14	3 31 42	21 ^h 28'58	14 ^h 36	23 ^h 58	24 ^h 14	6 ^h 42	20 ^h 29	8 ^h 33	15 ^h 15	28 ^h 48	21 ^h 04'3	26 ^h 02'6	25 ^h 01'3	1 ^h 47	18 ^h 49'49
S 15	3 35 39	22 ^h 29'27	27 ^h 17	22 ^h 37	24 ^h 23	7 ^h 19	20 ^h 41	8 ^h 36	15 ^h 15	28 ^h 47	21 ^h 04'2	26 ^h 02'3	25 ^h 01'0	1 ^h 53	18 ^h 47'47
M 16	3 39 35	23 ^h 29'58	10 ^h 35	21 ^h 17	24 ^h 31	7 ^h 56	20 ^h 53	8 ^h 40	15 ^h 15	28 ^h 45	21 ^h 04'1	26 ^h 02'1	25 ^h 0'7	2 ^h 0	18 ^h 45'45
T 17	3 43 32	24 ^h 30'30	23 ^h 32	19 ^h 59	24 ^h 36	8 ^h 32	21 ^h 5	8 ^h 43	15 ^h 16	28 ^h 44	21 ^h 04'0	26 ^h 02'1	25 ^h 0'4	2 ^h 7	18 ^h 43'43
W 18	3 47 28	25 ^h 31'03	7 ^h 39	18 ^h 48	24 ^h 39	9 ^h 9	21 ^h 16	8 ^h 47	15 ^h 16	28 ^h 42	21 ^h 03'9	26 ^h 02'1	25 ^h 0'0	2 ^h 13	18 ^h 41'41
T 19	3 51 25	26 ^h 31'37	21 ^h 9	17 ^h 43	24 ^h R39	9 ^h 46	21 ^h 28	8 ^h 50	15 ^h 16	28 ^h 41	21 ^h 03'8	26 ^h 02'2	24 ^h 57'7	2 ^h 20	18 ^h 39'39
F 20	3 55 21	27 ^h 32'13	5 ^h 31	16 ^h 49	24 ^h 37	10 ^h 23	21 ^h 40	8 ^h 54	15 ^h 16	28 ^h 39	21 ^h 03'7	26 ^h 02'4	24 ^h 54'4	2 ^h 27	18 ^h 37'37
S 21	3 59 18	28 ^h 32'50	20 ^h 13	16 ^h 5	24 ^h 33	11 ^h 0	21 ^h 52	8 ^h 58	15 ^h R16	28 ^h 38	21 ^h 03'5	26 ^h 02'5	24 ^h 51'1	2 ^h 33	18 ^h 35'35
S 22	4 3 14	29 ^h 33'27	5 ^h 38	15 ^h 33	24 ^h 26	11 ^h 37	22 ^h 3	9 ^h 1	15 ^h 16	28 ^h 36	21 ^h 03'4	26 ^h 02'5	24 ^h 48'4	2 ^h 40	18 ^h 33'33
M 23	4 7 11	0 ^h 34'07	20 ^h 16	15 ^h 12	24 ^h 16	12 ^h 14	22 ^h 15	9 ^h 5	15 ^h 16	28 ^h 35	21 ^h 03'3	26 ^h 02'3	24 ^h 44'4	2 ^h 46	18 ^h 31'31
T 24	4 11 7	1 ^h 34'47	5 ^h 20	15 ^h D 3	24 ^h 4	12 ^h 50	22 ^h 26	9 ^h 9	15 ^h 16	28 ^h 34	21 ^h 03'2	26 ^h 01'9	24 ^h 41'1	2 ^h 53	18 ^h 29'29
W 25	4 15 4	2 ^h 35'29	20 ^h 15	15 ^h 5	23 ^h 50	13 ^h 27	22 ^h 37	9 ^h 14	15 ^h 16	28 ^h 32	21 ^h 03'1	26 ^h 01'4	24 ^h 38'8	3 ^h 0	18 ^h 27'27
T 26	4 19 1	3 ^h 36'13	4 ^h 31	15 ^h 17	23 ^h 33	14 ^h 4	22 ^h 49	9 ^h 18	15 ^h 15	28 ^h 31	21 ^h 03'0	26 ^h 0'8	24 ^h 35'3	3 ^h 6	18 ^h 25'25
F 27	4 22 57	4 ^h 36'58	19 ^h 3	15 ^h 39	23 ^h 14	14 ^h 41	23 ^h 0	9 ^h 22	15 ^h 15	28 ^h 30	21 ^h 02'9	26 ^h 0'2	24 ^h 32'2	3 ^h 13	18 ^h 23'23
S 28	4 26 54	5 ^h 37'44	2 ^h 46	16 ^h 9	22 ^h 53	15 ^h 17	23 ^h 11	9 ^h 26	15 ^h 15	28 ^h 29	21 ^h 02'8	25 ^h 57'7	24 ^h 29'2	3 ^h 20	18 ^h 22'22
S 29	4 30 50	6 ^h 38'32	16 ^h 1	16 ^h 47	22 ^h 29	15 ^h 54	23 ^h 22	9 ^h 31	15 ^h 14	28 ^h 27	21 ^h 02'7	25 ^h 53'3	24 ^h 25'5	3 ^h 26	18 ^h 20'20
M 30	4 34 47	7 ^h 39'21	28 ^h 50	17 ^h 32	22 ^h 3	16 ^h 31	23 ^h 33	9 ^h 35	15 ^h 14	28 ^h 26	21 ^h 02'6	25 ^h 51'3	24 ^h 22'2	3 ^h 33	18 ^h 18'18

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	14s19	23n27	5n12	23s 2	2s50	27s58	4s58	1n42	1n17	5s58	1n 7	19s 9	0s54	16n57	0n39	9n29	1s49	3n57	14s47	10n17	10n 1	11s58	8n35	1n 5
M 2	14 39	19 22	4 51	23 2	2 46	28 0	4 58	1 28	1 17	6 2	1 7	19 9	0 54	16 57	0 39	9 29	1 49	3 57	14 47	10 17	10 0	12 2	8 34	1 5
T 3	14 58	14 34	4 17	23 0	2 40	28 2	4 57	1 13	1 17	6 7	1 7	19 8	0 54	16 57	0 39	9 28	1 49	3 57	14 47	10 17	9 59	12 5	8 33	1 5
W 4	15 16	9 17	3 32	22 55	2 34	28 4	4 56	0 58	1 17	6 12	1 7	19 8	0 54	16 56	0 40	9 28	1 48	3 57	14 47	10 18	9 57	12 8	8 32	1 5
T 5	15 35	3 44	2 39	22 46	2 25	28 5	4 55	0 43	1 17	6 16	1 7	19 7	0 54	16 56	0 40	9 27	1 48	3 56	14 47	10 18	9 56	12 11	8 31	1 5
F 6	15 53	1s53	1 39	22 34	2 15	28 5	4 54	0 29	1 17	6 21	1 7	19 6	0 54	16 56	0 40	9 26	1 48	3 56	14 47	10 19	9 55	12 14	8 30	1 5
S 7	16 11	7 25	0 35	22 19	2 4	28 5	4 52	0 14	1 17	6 26	1 7	19 6	0 54	16 56	0 40	9 26	1 48	3 56	14 47	10 19	9 54	12 17	8 29	1 5
S 8	16 29	12 41	0s30	22 0	1 51	28 4	4 50	0s 1	1 17	6 30	1 8	19 5	0 54	16 55	0 40	9 25	1 48	3 55	14 47	10 19	9 53	12 20	8 28	1 4
M 9	16 46	17 31	1 34	21 37	1 36	28 3	4 47	0 16	1 17	6 35	1 8	19 4	0 54	16 55	0 40	9 25	1 48	3 55	14 47	10 19	9 52	12 24	8 27	1 4
T 10	17 3 21	21 43	2 34	21 10	1 20	28 1	4 44	0 30	1 17	6 39	1 8	19 4	0 54	16 55	0 40	9 24	1 48	3 55	14 47	10 18	9 51	12 27	8 26	1 4
W 11	17 20	25 2	3 27	20 39	1 2 27	28 59	4 41	0 45	1 17	6 44	1 8	19 3	0 54	16 55	0 40	9 24	1 48	3 55	14 47	10 17	9 49	12 30	8 25	1 4
T 12	17 37	27 16	4 12	20 5	0 43	27 56	4 37	1 0	1 17	6 48	1 8	19 2	0 54	16 55	0 40	9 23	1 48	3 54	14 47	10 15	9 48	12 33	8 24	1 4
F 13	17 53	28 13	4 46	19 28	0 23	27 52	4 33	1 15	1 17	6 53	1 8	19 1	0 54	16 55	0 40	9 23	1 48	3 54	14 47	10 14	9 47	12 36	8 23	1 4
S 14	18 9	27 45	5 7	18 49	0 2 27	28 48	4 28	1 29	1 17	6 57	1 8	19 0	0 54	16 55	0 40	9 22	1 48	3 54	14 47	10 13	9 46	12 39	8 22	1 4
S 15	18 24	25 51	5 14	18 9	0n18	27 43	4 23	1 44	1 17	7 2	1 8	19 0	0 54	16 55	0 40	9 22	1 48	3 54	14 47	10 11	9 45	12 42	8 21	1 4
M 16	18 40	22 34	5 5	17 29	0 38	27 38	4 18	1 58	1 17	7 6	1 8	18 59	0 54	16 55	0 40	9 21	1 48	3 53	14 47	10 11	9 44	12 45	8 20	1 4
T 17	18 55	18 5	4 40	16 49	0 58	27 32	4 12	2 13	1 17	7 11	1 8	18 58	0 54	16 55	0 40	9 21	1 48	3 53	14 47	10 10	9 42	12 49	8 19	1 3
W 18	19 9	12 34	3 58	16 13	1 16	27 26	4 5	2 27	1 17	7 15	1 8													

SWISS EPHEMERIS for the year 1874

DECEMBER 1874

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	4 38 43	8°40'12	11°16'16	18°11'24	21°R36	17°11'07	23°11'44	9°11'40	15°R13	28°R25	21°R24	25°D51	24°Y19	3°M40	18°R17
W 2	4 42 40	9°41'04	23°24	19°20	21°R 6	17°44	23°55	9°45	15°R13	28°Y24	21°R23	25°Y52	24°16	3°46	18°Y15
T 3	4 46 37	10°41'04	5°12'20	20°22	20°35	18°21	24° 6	9°49	15°12	28°23	21°22	25°53	24°13	3°53	18°14
F 4	4 50 33	11°42'51	17° 8	21°27	20° 3	18°57	24°17	9°54	15°11	28°21	21°21	25°55	24°10	4° 0	18°12
S 5	4 54 30	12°43'47	28°54	22°36	19°29	19°34	24°27	9°59	15°11	28°20	21°20	25°R55	24° 6	4° 6	18°11
S 6	4 58 26	13°44'44	10°M42	23°48	18°54	20°10	24°38	10° 4	15°10	28°19	21°19	25°53	24° 3	4°13	18°10
M 7	5 2 23	14°45'43	22°34	25° 3	18°19	20°47	24°48	10° 9	15° 9	28°18	21°18	25°50	24° 0	4°20	18° 8
T 8	5 6 19	15°46'42	4°A35	26°20	17°43	21°23	24°59	10°14	15° 8	28°17	21°17	25°44	23°57	4°26	18° 7
W 9	5 10 16	16°47'42	16°45	27°39	17° 7	21°59	25° 9	10°19	15° 7	28°16	21°16	25°36	23°54	4°33	18° 6
T 10	5 14 12	17°48'44	29° 5	29° 0	16°30	22°36	25°19	10°24	15° 6	28°15	21°15	25°26	23°50	4°39	18° 5
F 11	5 18 9	18°49'46	11°B38	0°A22	15°54	23°12	25°29	10°30	15° 5	28°14	21°14	25°15	23°47	4°46	18° 4
S 12	5 22 6	19°50'48	24°21	1°45	15°18	23°49	25°39	10°35	15° 4	28°13	21°13	25° 5	23°44	4°53	18° 3
S 13	5 26 2	20°51'52	7°A17	3°10	14°43	24°25	25°49	10°41	15° 3	28°12	21°12	24°56	23°41	4°59	18° 2
M14	5 29 59	21°52'55	20°24	4°35	14° 9	25° 1	25°59	10°46	15° 1	28°12	21°11	24°50	23°38	5° 6	18° 1
T 15	5 33 55	22°53'59	3°K45	6° 2	13°36	25°37	26° 9	10°52	15° 0	28°11	21°10	24°45	23°35	5°13	18° 0
W16	5 37 52	23°55'04	17°20	7°29	13° 5	26°14	26°18	10°57	14°59	28°10	21° 9	24°44	23°31	5°19	17°59
T 17	5 41 48	24°56'09	1°Y 9	8°56	12°35	26°50	26°28	11° 3	14°58	28° 9	21° 8	24°D44	23°28	5°26	17°58
F 18	5 45 45	25°57'14	15°14	10°25	12° 6	27°26	26°37	11° 9	14°56	28° 8	21° 8	24°44	23°25	5°33	17°58
S 19	5 49 41	26°58'19	29°34	11°53	11°40	28° 2	26°46	11°14	14°55	28° 8	21° 7	24°R44	23°22	5°39	17°57
S 20	5 53 38	27°59'25	14°B 7	13°23	11°15	28°38	26°55	11°20	14°53	28° 7	21° 6	24°43	23°19	5°46	17°57
M21	5 57 35	29° 0'30	28°49	14°52	10°53	29°14	27° 4	11°26	14°52	28° 6	21° 5	24°39	23°16	5°53	17°56
T 22	6 1 31	0°B 137	13°I35	16°22	10°33	29°50	27°13	11°32	14°50	28° 6	21° 4	24°32	23°12	5°59	17°56
W23	6 5 28	1° 2'43	28°15	17°53	10°16	0°M26	27°22	11°38	14°48	28° 5	21° 3	24°23	23° 9	6° 6	17°55
T 24	6 9 24	2° 3'50	12°B43	19°23	10° 0	1° 2	27°31	11°44	14°47	28° 5	21° 2	24°12	23° 6	6°13	17°55
F 25	6 13 21	3° 4'57	26°52	20°55	9°48	1°38	27°40	11°50	14°45	28° 4	21° 2	24° 0	23° 3	6°19	17°55
S 26	6 17 17	4° 6'05	10°Q37	22°26	9°38	2°14	27°48	11°56	14°43	28° 4	21° 1	23°50	23° 0	6°26	17°54
S 27	6 21 14	5° 7'13	23°56	23°58	9°30	2°49	27°56	12° 3	14°41	28° 3	21° 0	23°41	22°56	6°33	17°54
M28	6 25 11	6° 8'21	6°M49	25°30	9°25	3°25	28° 5	12° 9	14°40	28° 3	20°59	23°35	22°53	6°39	17°54
T 29	6 29 7	7° 9'30	19°19	27° 2	9°22	4° 1	28°13	12°15	14°38	28° 3	20°59	23°31	22°50	6°46	17°54
W30	6 33 4	8°10'39	1°B30	28°35	9°D22	4°37	28°21	12°22	14°36	28° 2	20°58	23°30	22°47	6°52	17°54
T 31	6 37 0	9°11'49	13°B27	0°B 8	9°A24	5°M12	28°28	12°28	14°34	28°Y 2	20°B57	23°D29	22°Y44	6°M59	17°Y54

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	21s46	10n43	3n39	14s58	2n27	25s 0	1s49	5s34	1n16	8s 8	1n10	18s42	0s54	16n56	0n41	9n14	1s48	3n51	14s46	10n 0	9n26	13s32	8n 7	1n 2
W 2	21 55	5 11	2 47	15 17	2 23	24 45	1 35	5 48	1 16	8 12	1 10	18 41	0 54	16 56	0 41	9 14	1 48	3 50	14 46	10 0	9 25	13 35	8 7	1 2
T 3	22 4	0s27	1 49	15 38	2 18	24 28	1 21	6 2	1 16	8 16	1 10	18 40	0 54	16 56	0 41	9 14	1 48	3 50	14 46	10 1	9 24	13 38	8 6	1 2
F 4	22 12	6 0	0 47	16 0	2 13	24 11	1 6	6 16	1 16	8 20	1 10	18 39	0 54	16 57	0 41	9 13	1 48	3 50	14 46	10 1	9 23	13 41	8 5	1 1
S 5	22 20	11 21	0s16	16 23	2 7	23 53	0 51	6 29	1 16	8 24	1 10	18 37	0 54	16 57	0 41	9 13	1 48	3 50	14 46	10 1	9 21	13 44	8 5	1 1
S 6	22 28	16 18	1 19	16 47	2 1	23 35	0 36	6 43	1 16	8 28	1 10	18 36	0 54	16 57	0 41	9 13	1 48	3 50	14 45	10 1	9 20	13 47	8 4	1 1
M 7	22 35	20 40	2 19	17 11	1 55	23 17	0 20	6 57	1 16	8 31	1 10	18 35	0 54	16 57	0 41	9 12	1 48	3 50	14 45	9 59	9 19	13 51	8 3	1 1
T 8	22 42	24 14	3 13	17 36	1 48	22 58	0 5	7 11	1 15	8 35	1 11	18 33	0 54	16 58	0 41	9 12	1 47	3 50	14 45	9 57	9 18	13 54	8 3	1 1
W 9	22 48	26 45	3 59	18 1	1 41	22 39	0n11	7 24	1 15	8 39	1 11	18 32	0 54	16 58	0 41	9 12	1 47	3 50	14 45	9 54	9 17	13 57	8 2	1 1
T 10	22 54	28 1	4 34	18 26	1 34	22 20	0 27	7 38	1 15	8 42	1 11	18 30	0 54	16 58	0 41	9 11	1 47	3 50	14 45	9 51	9 16	14 0	8 2	1 1
F 11	22 59	27 53	4 57	18 50	1 26	22 1	0 42	7 52	1 15	8 46	1 11	18 29	0 54	16 59	0 41	9 11	1 47	3 50	14 45	9 47	9 14	14 3	8 1	1 0
S 12	23 4	26 16	5 5	19 14	1 19	21 42	0 58	8 5	1 15	8 49	1 11	18 28	0 54	16 59	0 41	9 11	1 47	3 49	14 44	9 43	9 13	14 6	8 1	1 0
S 13	23 9	23 16	4 58	19 38	1 11	21 23	1 13	8 19	1 15	8 53	1 11	18 26	0 54	16 59	0 41	9 10	1 47	3 49	14 44	9 40	9 12	14 9	8 0	1 0
M14	23 13	19 3	4 36	20 2	1 4	21 4	1 28	8 32	1 15	8 56	1 11	18 25	0 54	17 0	0 41	9 10	1 47	3 49	14 44	9 37	9 11	14 12	8 0	1 0
T 15	23 16	13 50	3 58	20 25	0 56	20 46	1 42	8 45	1 15	8 59	1 12	18 23	0 54	17 0	0 41	9 10	1 47	3 49	14 44	9 36	9 10	14 15	7 59	1 0
W16	23 19	7 52	3 6	20 47	0 48	20 28	1 56	8 58	1 15	9 3	1 12	18 22	0 54	17 1	0 41	9 10	1 47	3 49	14 44	9 35	9 9	14 18	7 59	1 0
T 17	23 22	1 25	2 3	21 8	0 41	20 10	2 10	9 12	1 14	9 6	1 12	18 20	0 54	17 1	0 41	9 10	1 47	3 49	14 43	9 35	9 7	14 21	7 59	1 0
F 18	23 24	5n14	0 51	21 29	0 33	19 53	2 24	9 25	1 14	9 9	1 12	18 18	0 54	17 2	0 41	9 9	1 47	3 49	14 43	9 35	9 6	14 24	7 58	1 0
S 19	23 25	11 44	0n26	21 48	0 26	19 37	2 37	9 38	1 14	9 12	1 12	18 17	0 54	17 2	0 41	9 9	1 47	3 49	14 43	9 35	9 5	14 27	7 58	0 59
S 20	23 27	17 42	1 41	22 7	0 18	19 21	2 49	9 51	1 14	9 16	1 12	18 15	0 54	17 2	0 41	9 9	1 47	3 49	14 43	9 35	9 4	14 30	7 57	0 59
M21	23 27	22 42	2 51	22 25	0 11	19 7	3 1	10 3	1 14	9 19	1 13	18 14	0 54	17 3	0 41	9 9	1 47	3 49	14 43	9 33	9 3	14 33	7 57	0 59
T 22	23 27	26 14	3 49	22 42	0 4	18 53	3 12	10 16	1 14	9 22	1 13	18 12	0 54	17 3	0 41	9 9	1 47	3 49	14 42	9 31	9 1	14 36	7 57	0 59
W23	23 27	27 59	4 32	22 58	0s 4	18 40	3 23	10 29	1 14	9 25	1 13	18 10	0 54	17 4	0 41	9 8	1 47	3 49	14 42	9 27	9 0	14 39	7 57	0 59
T 24	23 26	27 46	4 56	23 13	0 11	18 26	3 33	10 42	1 13	9 28	1 13	18 9	0 54	17 5	0 42	9 8	1 47	3 49	14 42	9 23	8 59	14 42	7 56	0 59
F 25	23 25	25 44	5 2	23 26	0 18	18 16	3 42	10 54	1 13	9 31	1 13	18 7	0 54	17 5	0 42	9 8	1 47	3 49	14 42	9 19	8 58	14 45	7 56	0 59
S 26	23 24	22 14	4 50	23 39	0 24	18 6	3 51	11 7	1 13	9 33	1 13	18 5	0 54	17 6	0 42	9 8	1 47	3 49	14 42	9 15	8 57	14 48	7 56	0 59
S 27	23 22	17 40	4 22	23 50	0 31	17 57	4 0	11 19	1 13	9 36	1 14	18 3	0 54	17 6	0 42	9 8	1 47	3 49	14 41	9 12	8 56	14 51	7 56	0 58
M28	23 19	12 26	3 41	24 1	0 38	17 48	4 7	11 32	1 13	9 39	1 14	18 2	0 54	17 7	0 42	9 8	1 46	3 49	14 41	9 10	8 54	14 54	7 56	0 58
T 29	23 16	6 51	2 51	24 10	0 44	17 41	4 14	1																