

SWISS EPHEMERIS for the year 1866

JANUARY 1866

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	6 41 40	10♌24'40	6♋41	23°R26	26♌56	25♌35	10♌28	10♌16	1°R31	7♏50	12°R22	17°R10	16♋44	0♌55	14♌57	
T 2	6 45 37	11°25'49	20°46	23♌13	28°11	26°19	10°42	10°20	1♌29	7°50	12♌21	16♋57	16°41	1° 2	14°59	
W 3	6 49 33	12°26'57	4♌32	23°D 9	29°27	27° 4	10°56	10°25	1°26	7°51	12°21	16°44	16°38	1° 8	15° 1	
T 4	6 53 30	13°28'06	17°54	23°14	0♌42	27°48	11° 9	10°29	1°24	7°51	12°20	16°33	16°35	1°15	15° 4	
F 5	6 57 26	14°29'15	0♌53	23°27	1°57	28°33	11°23	10°34	1°21	7°52	12°20	16°25	16°32	1°21	15° 6	
S 6	7 1 23	15°30'23	13°29	23°48	3°13	29°18	11°37	10°38	1°19	7°53	12°20	16°19	16°28	1°28	15° 8	
S 7	7 5 19	16°31'32	25°45	24°16	4°28	0♌ 2	11°51	10°43	1°16	7°53	12°19	16°16	16°25	1°35	15°10	
M 8	7 9 16	17°32'41	7♌47	24°50	5°44	0°47	12° 5	10°47	1°14	7°54	12°19	16°15	16°22	1°41	15°13	
T 9	7 13 12	18°33'49	19°38	25°29	6°59	1°32	12°19	10°51	1°11	7°55	12°18	16°15	16°19	1°48	15°15	
W10	7 17 9	19°34'58	1♌26	26°14	8°14	2°17	12°33	10°55	1° 9	7°55	12°18	16°15	16°16	1°55	15°18	
T 11	7 21 6	20°36'07	13°15	27° 3	9°30	3° 2	12°47	10°59	1° 6	7°56	12°18	16°13	16°13	2° 1	15°20	
F 12	7 25 2	21°37'15	25°10	27°56	10°45	3°47	13° 1	11° 3	1° 4	7°57	12°17	16° 9	16° 9	2° 8	15°23	
S 13	7 28 59	22°38'24	7♌17	28°53	12° 1	4°32	13°14	11° 7	1° 2	7°58	12°17	16° 3	16° 6	2°15	15°25	
S 14	7 32 55	23°39'32	19°38	29°53	13°16	5°17	13°28	11°10	0°59	7°59	12°17	15°53	16° 3	2°21	15°28	
M15	7 36 52	24°40'40	2♌17	0♌56	14°31	6° 2	13°42	11°14	0°57	7°59	12°17	15°41	16° 0	2°28	15°30	
T 16	7 40 48	25°41'47	15°14	2° 1	15°47	6°47	13°56	11°17	0°55	8° 0	12°16	15°28	15°57	2°35	15°33	
W17	7 44 45	26°42'54	28°27	3° 9	17° 2	7°32	14°10	11°21	0°53	8° 1	12°16	15°14	15°54	2°41	15°36	
T 18	7 48 41	27°44'00	11♌56	4°19	18°18	8°17	14°23	11°24	0°50	8° 2	12°16	15° 2	15°50	2°48	15°39	
F 19	7 52 38	28°45'06	25°37	5°31	19°33	9° 2	14°37	11°27	0°48	8° 3	12°16	14°52	15°47	2°55	15°41	
S 20	7 56 35	29°46'11	9♌27	6°45	20°48	9°48	14°51	11°31	0°46	8° 4	12°16	14°44	15°44	3° 1	15°44	
S 21	8 0 31	0♌47'14	23°24	8° 1	22° 4	10°33	15° 4	11°34	0°44	8° 6	12°15	14°40	15°41	3° 8	15°47	
M22	8 4 28	1°48'17	7♏27	9°18	23°19	11°18	15°18	11°37	0°42	8° 7	12°15	14°39	15°38	3°15	15°50	
T 23	8 8 24	2°49'19	21°27	10°36	24°34	12° 4	15°32	11°40	0°40	8° 8	12°15	14°D38	15°34	3°21	15°53	
W24	8 12 21	3°50'19	5♌32	11°55	25°50	12°49	15°45	11°42	0°37	8° 9	12°15	14°R39	15°31	3°28	15°56	
T 25	8 16 17	4°51'19	19°37	13°16	27° 5	13°34	15°59	11°45	0°35	8°10	12°15	14°38	15°28	3°34	15°59	
F 26	8 20 14	5°52'17	3♌43	14°38	28°20	14°20	16°12	11°48	0°33	8°12	12°D15	14°35	15°25	3°41	16° 2	
S 27	8 24 10	6°53'14	17°47	16° 1	29°36	15° 5	16°26	11°50	0°32	8°13	12°15	14°29	15°22	3°48	16° 5	
S 28	8 28 7	7°54'10	1♌47	17°25	0♌51	15°51	16°39	11°53	0°30	8°14	12°15	14°21	15°19	3°54	16° 8	
M29	8 32 4	8°55'05	15°39	18°50	2° 6	16°36	16°53	11°55	0°28	8°15	12°15	14°11	15°15	4° 1	16°11	
T 30	8 36 0	9°55'59	29°19	20°16	3°22	17°22	17° 6	11°57	0°26	8°17	12°15	13°59	15°12	4° 8	16°14	
W31	8 39 57	10♌56'51	12♌45	21♌43	4♌37	18♌ 8	17♌20	11♌59	0♌24	8♏18	12♌15	13♌48	15♌ 9	4♌14	16♌18	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	23s 3	18n22	4s56	20s10	3n 8	23s14	0n11	23s54	0s31	23s 4	0s 2	12s42	2n19	23n42	0n16	1n42
T 2	22 58	16 54	5 0	20 13	3 4	23 18	0 8	23 56	0 32	23 3	0 2	12 43	2 20	23 42	0 16	1 42
W 3	22 52	14 30	4 46	20 17	3 0	23 21	0 6	23 58	0 32	23 2	0 2	12 44	2 20	23 42	0 16	1 42
T 4	22 46	11 23	4 17	20 23	2 54	23 24	0 3	23 59	0 33	23 1	0 2	12 46	2 20	23 42	0 16	1 43
F 5	22 40	7 48	3 36	20 31	2 47	23 25	0 1	24 0	0 34	23 0	0 2	12 47	2 20	23 42	0 16	1 43
S 6	22 33	3 58	2 44	20 39	2 39	23 26	0s 2	24 1	0 34	22 59	0 2	12 48	2 20	23 43	0 16	1 43
S 7	22 26	0 4	1 46	20 49	2 31	23 27	0 4	24 2	0 35	22 58	0 2	12 49	2 20	23 43	0 16	1 44
M 8	22 18	3s46	0 45	20 59	2 23	23 26	0 6	24 3	0 35	22 57	0 2	12 50	2 21	23 43	0 16	1 44
T 9	22 10	7 25	0n18	21 9	2 14	23 25	0 9	24 3	0 36	22 55	0 2	12 51	2 21	23 43	0 16	1 44
W10	22 1	10 44	1 20	21 19	2 5	23 23	0 11	24 3	0 37	22 54	0 2	12 52	2 21	23 43	0 16	1 45
T 11	21 52	13 38	2 18	21 30	1 55	23 21	0 14	24 2	0 37	22 53	0 3	12 53	2 21	23 43	0 16	1 45
F 12	21 43	15 59	3 11	21 40	1 46	23 17	0 16	24 2	0 38	22 52	0 3	12 54	2 22	23 43	0 16	1 45
S 13	21 33	17 40	3 55	21 50	1 36	23 13	0 19	24 1	0 38	22 50	0 3	12 55	2 22	23 43	0 16	1 46
S 14	21 23	18 34	4 30	22 0	1 27	23 8	0 21	24 0	0 39	22 49	0 3	12 56	2 22	23 43	0 16	1 46
M15	21 12	18 34	4 53	22 10	1 17	23 3	0 23	23 59	0 40	22 48	0 3	12 57	2 22	23 43	0 16	1 46
T 16	21 1	17 36	5 1	22 18	1 8	22 57	0 26	23 57	0 40	22 47	0 3	12 58	2 22	23 43	0 16	1 47
W17	20 50	15 42	4 53	22 26	0 59	22 50	0 28	23 55	0 41	22 45	0 3	12 59	2 23	23 43	0 16	1 47
T 18	20 38	12 55	4 29	22 34	0 49	22 42	0 30	23 53	0 41	22 44	0 3	13 0	2 23	23 43	0 16	1 48
F 19	20 25	9 24	3 49	22 40	0 40	22 34	0 32	23 51	0 42	22 42	0 3	13 1	2 23	23 43	0 16	1 48
S 20	20 13	5 20	2 55	22 46	0 35	23 48	0 35	23 48	0 42	22 41	0 3	13 1	2 23	23 43	0 16	1 49
S 21	20 0	0 56	1 50	22 50	0 23	23 15	0 37	23 45	0 43	22 40	0 4	13 2	2 23	23 43	0 16	1 49
M22	19 46	3n32	0 38	22 54	0 14	22 5	0 39	23 42	0 44	22 38	0 4	13 3	2 24	23 43	0 16	1 50
T 23	19 32	7 49	0s36	22 56	0 5	21 54	0 41	23 38	0 44	22 37	0 4	13 4	2 24	23 43	0 16	1 50
W24	19 18	11 40	1 49	22 58	0s 3	21 42	0 43	23 35	0 45	22 35	0 4	13 4	2 24	23 43	0 16	1 51
T 25	19 4	14 51	2 55	22 58	0 11	21 30	0 45	23 31	0 45	22 34	0 4	13 5	2 24	23 43	0 16	1 51
F 26	18 49	17 9	3 50	22 58	0 19	21 17	0 47	23 27	0 46	22 32	0 4	13 5	2 25	23 43	0 16	1 52
S 27	18 34	18 24	4 31	22 56	0 27	21 3	0 49	23 22	0 46	22 31	0 4	13 6	2 25	23 43	0 16	1 52
S 28	18 18	18 31	4 56	22 53	0 34	20 49	0 51	23 17	0 47	22 29	0 4	13 6	2 25	23 43	0 16	1 53
M29	18 2	17 31	5 3	22 49	0 41	20 34	0 53	23 12	0 48	22 28	0 4	13 7	2 25	23 43	0 16	1 53
T 30	17 46	15 32	4 52	22 43	0 48	20 18	0 55	23 7	0 48	22 26	0 4	13 7	2 25	23 43	0 16	1 54
W31	17s30	12n44	4s26	22s36	0s55	20s 2	0s57	23s 2	0s49	22s24	0s 5	13s 8	2n26	23n43	0n16	1n54

Julian Day Number = 2402602.5, Delta T = 5.27 sec
 Ecliptic obliquity = 23°27'15", Nutation = 0°00'06"
 Ayanamsha: Fagan/Bradley = 22°52'09", Lahiri = 21°59'09"

SWISS EPHEMERIS for the year 1866

FEBRUARY 1866

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
T 1	8 43 53	11 ⁵⁷ 42	25 ^Ω 53	23 [♁] 10	5 [♁] 52	18 [♁] 53	17 [♁] 33	12 [♁] 1	0°R22	8 [♁] 20	12 [♁] 16	13°R38	15 [♁] 6	4 [♁] 21	16 [♁] 21	
F 2	8 47 50	12°58'33	8 [♁] 43	24°39	7° 7	19°39	17°46	12° 3	0°E21	8°21	12°16	13 [♁] 31	15° 3	4°28	16°24	
S 3	8 51 46	13°59'22	21°14	26° 8	8°23	20°25	18° 0	12° 5	0°19	8°23	12°16	13°26	15° 0	4°34	16°27	
S 4	8 55 43	15° 0'10	3 [♁] 29	27°38	9°38	21°11	18°13	12° 7	0°17	8°24	12°16	13°23	14°56	4°41	16°31	
M 5	8 59 39	16° 0'57	15°31	29° 9	10°53	21°56	18°26	12° 8	0°16	8°26	12°16	13°D22	14°53	4°48	16°34	
T 6	9 3 36	17° 1'44	27°23	0 [♁] 41	12° 8	22°42	18°39	12°10	0°14	8°27	12°17	13°23	14°50	4°54	16°37	
W 7	9 7 33	18° 2'29	9 [♁] 11	2°14	13°24	23°28	18°52	12°11	0°13	8°29	12°17	13°24	14°47	5° 1	16°41	
T 8	9 11 29	19° 3'13	21° 1	3°47	14°39	24°14	19° 5	12°12	0°11	8°30	12°17	13°R25	14°44	5° 8	16°44	
F 9	9 15 26	20° 3'56	2 [♁] 57	5°21	15°54	25° 0	19°18	12°14	0°10	8°32	12°17	13°23	14°40	5°14	16°48	
S 10	9 19 22	21° 4'38	15° 5	6°56	17° 9	25°46	19°31	12°15	0° 8	8°34	12°18	13°20	14°37	5°21	16°51	
S 11	9 23 19	22° 5'19	27°29	8°32	18°25	26°32	19°44	12°16	0° 7	8°35	12°18	13°15	14°34	5°28	16°55	
M 12	9 27 15	23° 5'59	10 [♁] 13	10° 9	19°40	27°18	19°57	12°16	0° 6	8°37	12°18	13° 8	14°31	5°34	16°58	
T 13	9 31 12	24° 6'38	23°19	11°47	20°55	28° 4	20° 9	12°17	0° 5	8°39	12°19	13° 0	14°28	5°41	17° 2	
W 14	9 35 8	25° 7'15	6 [♁] 47	13°25	22°10	28°50	20°22	12°18	0° 3	8°40	12°19	12°51	14°25	5°48	17° 5	
T 15	9 39 5	26° 7'51	20°36	15° 4	23°25	29°36	20°35	12°19	0° 2	8°42	12°20	12°43	14°21	5°54	17° 9	
F 16	9 43 2	27° 8'25	4 [♁] 41	16°44	24°40	0 [♁] 22	20°47	12°19	0° 1	8°44	12°20	12°36	14°18	6° 1	17°12	
S 17	9 46 58	28° 8'58	18°58	18°26	25°56	1° 8	21° 0	12°19	0° 0	8°46	12°20	12°32	14°15	6° 8	17°16	
S 18	9 50 55	29° 9'29	3 [♁] 22	20° 8	27°11	1°54	21°12	12°20	29 [♁] 59	8°48	12°21	12°30	14°12	6°14	17°20	
M 19	9 54 51	0 [♁] 58	17°47	21°51	28°26	2°41	21°25	12°20	29°58	8°50	12°21	12°D29	14° 9	6°21	17°23	
T 20	9 58 48	1°10'25	2 [♁] 10	23°34	29°41	3°27	21°37	12°R20	29°57	8°51	12°22	12°30	14° 6	6°27	17°27	
W 21	10 2 44	2°10'51	16°26	25°19	0 [♁] 56	4°13	21°49	12°20	29°56	8°53	12°23	12°32	14° 2	6°34	17°30	
T 22	10 6 41	3°11'14	0 [♁] 35	27° 5	2°11	4°59	22° 1	12°20	29°56	8°55	12°23	12°R33	13°59	6°41	17°34	
F 23	10 10 37	4°11'36	14°34	28°52	3°26	5°45	22°13	12°19	29°55	8°57	12°24	12°32	13°56	6°47	17°38	
S 24	10 14 34	5°11'55	28°23	0 [♁] 40	4°41	6°32	22°25	12°19	29°54	8°59	12°24	12°30	13°53	6°54	17°42	
S 25	10 18 31	6°12'13	12 [♁] 1	2°28	5°56	7°18	22°37	12°18	29°54	9° 1	12°25	12°26	13°50	7° 1	17°45	
M 26	10 22 27	7°12'29	25°27	4°18	7°11	8° 4	22°49	12°18	29°53	9° 3	12°26	12°21	13°46	7° 7	17°49	
T 27	10 26 24	8°12'42	8 [♁] 41	6° 9	8°26	8°51	23° 1	12°17	29°53	9° 5	12°26	12°15	13°43	7°14	17°53	
W 28	10 30 20	9 [♁] 12'54	21 [♁] 42	8 [♁] 0	9 [♁] 41	9 [♁] 37	23 [♁] 13	12 [♁] 16	29 [♁] 52	9 [♁] 7	12 [♁] 27	12 [♁] 9	13 [♁] 40	7 [♁] 21	17 [♁] 56	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	17s13	9n22	3s45	22s28	1s 1	19s46	0s59	22s56	0s49	22s23	0s 5	13s 8	2n26	23n43	0n16	1n55
F 2	16 56	5 37	2 54	22 19	1 8	19 28	1 0	22 50	0 50	22 21	0 5	13 8	2 26	23 43	0 16	1 56
S 3	16 38	1 42	1 56	22 8	1 14	19 11	1 2	22 44	0 50	22 19	0 5	13 9	2 26	23 43	0 16	1 56
S 4	16 21	2s12	0s53	21s57	1 19	18 52	1 4	22 37	0 51	22 18	0 5	13 9	2 27	23 43	0 16	1 57
M 5	16 3	5 56	0n11	21 43	1 25	18 33	1 5	22 31	0 51	22 16	0 5	13 9	2 27	23 43	0 16	1 57
T 6	15 44	9 23	1 15	21 29	1 30	18 14	1 7	22 24	0 52	22 14	0 5	13 10	2 27	23 43	0 16	1 58
W 7	15 26	12 27	2 14	21 13	1 35	17 54	1 8	22 16	0 52	22 13	0 5	13 10	2 27	23 43	0 16	1 59
T 8	15 7	15 0	3 8	20 55	1 39	17 33	1 10	22 9	0 53	22 11	0 5	13 10	2 28	23 43	0 16	1 59
F 9	14 48	16 55	3 55	20 37	1 43	17 12	1 11	22 1	0 53	22 9	0 5	13 10	2 28	23 43	0 16	2 0
S 10	14 29	18 8	4 31	20 17	1 47	16 51	1 12	21 53	0 54	22 8	0 6	13 10	2 28	23 43	0 16	2 1
S 11	14 9	18 30	4 56	19 55	1 51	16 29	1 13	21 45	0 55	22 6	0 6	13 10	2 28	23 43	0 16	2 1
M 12	13 50	17 57	5 7	19 33	1 54	16 7	1 15	21 37	0 55	22 4	0 6	13 10	2 29	23 43	0 16	2 2
T 13	13 30	16 28	5 3	19 8	1 57	15 44	1 16	21 28	0 56	22 2	0 6	13 10	2 29	23 43	0 16	2 3
W 14	13 9	14 3	4 41	18 43	2 0	15 21	1 17	21 19	0 56	22 0	0 6	13 10	2 29	23 43	0 16	2 4
T 15	12 49	10 47	4 3	18 16	2 2	14 57	1 18	21 10	0 57	21 59	0 6	13 10	2 29	23 43	0 16	2 4
F 16	12 28	6 51	3 10	17 47	2 4	14 33	1 19	21 1	0 57	21 57	0 6	13 10	2 29	23 43	0 16	2 5
S 17	12 7	2 28	2 4	17 18	2 5	14 8	1 20	20 51	0 58	21 55	0 6	13 10	2 30	23 43	0 16	2 6
S 18	11 46	2n 6	0 49	16 46	2 6	13 43	1 21	20 41	0 58	21 53	0 6	13 10	2 30	23 43	0 16	2 7
M 19	11 25	6 32	0s29	16 14	2 7	13 18	1 21	20 31	0 59	21 51	0 7	13 10	2 30	23 43	0 16	2 7
T 20	11 4	10 35	1 45	15 40	2 7	12 52	1 22	20 21	0 59	21 50	0 7	13 9	2 30	23 43	0 16	2 8
W 21	10 42	13 59	2 54	15 5	2 7	12 26	1 23	20 11	0 59	21 48	0 7	13 9	2 31	23 43	0 16	2 9
T 22	10 21	16 30	3 52	14 28	2 6	12 0	1 24	20 0	1 0	21 46	0 7	13 9	2 31	23 43	0 16	2 10
F 23	9 59	18 0	4 35	13 50	2 5	11 33	1 24	19 49	1 0	21 44	0 7	13 9	2 31	23 43	0 16	2 10
S 24	9 37	18 25	5 2	13 10	2 3	11 7	1 25	19 38	1 1	21 42	0 7	13 8	2 31	23 43	0 16	2 11
S 25	9 14	17 45	5 11	12 29	2 1	10 39	1 25	19 27	1 1	21 40	0 7	13 8	2 32	23 43	0 16	2 12
M 26	8 52	16 6	5 3	11 47	1 59	10 12	1 25	19 15	1 2	21 39	0 7	13 8	2 32	23 43	0 16	2 13
T 27	8 30	13 37	4 39	11 3	1 55	9 44	1 26	19 4	1 2	21 37	0 7	13 7	2 32	23 43	0 16	2 14
W 28	8s 7	10n29	4s 1	10s18	1s52	9s16	1s26	18s52	1s 3	21s35	0s 8	13s 7	2n32	23n43	0n16	2n14

Julian Day Number = 2402633.5, Delta T = 5.17 sec
 Ecliptic obliquity = 23°27'15, Nutation = 0°00'06
 Ayanamsha: Fagan/Bradley = 22°52'13, Lahiri = 21°59'13

SWISS EPHEMERIS for the year 1866

MARCH 1866

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	10 34 17	10♋13'04	4♎29	9♋53	10♋56	10♋23	23♌24	12°R15	29°R52	9♍9	12♌28	12°R 4	13♌37	7♎27	18♋0	
F 2	10 38 13	11°13'11	17° 2	11°46	12°11	11°10	23°36	12♎14	29♎51	9°11	12°28	12♌0	13°34	7°34	18° 4	
S 3	10 42 10	12°13'17	29°22	13°41	13°26	11°56	23°48	12°13	29°51	9°13	12°29	11°58	13°31	7°41	18° 8	
S 4	10 46 6	13°13'22	11♌30	15°36	14°41	12°43	23°59	12°12	29°51	9°15	12°30	11°D57	13°27	7°47	18°11	
M 5	10 50 3	14°13'24	23°28	17°32	15°56	13°29	24°10	12°11	29°50	9°17	12°31	11°58	13°24	7°54	18°15	
T 6	10 53 59	15°13'25	5♎19	19°28	17°11	14°16	24°21	12°10	29°50	9°19	12°31	11°59	13°21	8° 1	18°19	
W 7	10 57 56	16°13'24	17° 8	21°25	18°26	15° 2	24°33	12° 8	29°50	9°22	12°32	12° 1	13°18	8° 7	18°23	
T 8	11 1 53	17°13'22	28°58	23°22	19°41	15°49	24°44	12° 6	29°D50	9°24	12°33	12° 3	13°15	8°14	18°26	
F 9	11 5 49	18°13'18	10♌54	25°20	20°55	16°35	24°55	12° 5	29°50	9°26	12°34	12° 4	13°11	8°21	18°30	
S 10	11 9 46	19°13'12	23° 0	27°17	22°10	17°22	25° 5	12° 3	29°50	9°28	12°35	12°R 4	13° 8	8°27	18°34	
S 11	11 13 42	20°13'05	5♌23	29°14	23°25	18° 8	25°16	12° 1	29°50	9°30	12°36	12° 3	13° 5	8°34	18°38	
M12	11 17 39	21°12'55	18° 5	1°Y11	24°40	18°55	25°27	11°59	29°51	9°32	12°37	12° 1	13° 2	8°41	18°41	
T 13	11 21 35	22°12'45	1♌11	3° 7	25°55	19°41	25°37	11°57	29°51	9°34	12°37	11°59	12°59	8°47	18°45	
W14	11 25 32	23°12'32	14°42	5° 1	27° 9	20°28	25°48	11°55	29°51	9°37	12°38	11°56	12°56	8°54	18°49	
T 15	11 29 28	24°12'18	28°38	6°54	28°24	21°14	25°58	11°53	29°51	9°39	12°39	11°54	12°52	9° 1	18°53	
F 16	11 33 25	25°12'01	12♋57	8°45	29°39	22° 1	26° 8	11°50	29°52	9°41	12°40	11°52	12°49	9° 7	18°56	
S 17	11 37 22	26°11'43	27°33	10°34	0°Y54	22°48	26°19	11°48	29°52	9°43	12°41	11°50	12°46	9°14	19° 0	
S 18	11 41 18	27°11'23	12°Y22	12°20	2° 8	23°34	26°29	11°46	29°53	9°46	12°42	11°D50	12°43	9°21	19° 4	
M19	11 45 15	28°11'00	27°13	14° 2	3°23	24°21	26°39	11°43	29°53	9°48	12°43	11°50	12°40	9°27	19° 7	
T 20	11 49 11	29°10'36	12♌2	15°40	4°38	25° 8	26°48	11°40	29°54	9°50	12°44	11°51	12°37	9°34	19°11	
W21	11 53 8	0°Y10'09	26°40	17°14	5°52	25°54	26°58	11°38	29°54	9°52	12°45	11°52	12°33	9°41	19°15	
T 22	11 57 4	1° 9'40	11♎4	18°44	7° 7	26°41	27° 8	11°35	29°55	9°54	12°46	11°53	12°30	9°47	19°19	
F 23	12 1 1	2° 9'09	25°10	20° 8	8°21	27°27	27°17	11°32	29°56	9°57	12°47	11°53	12°27	9°54	19°22	
S 24	12 4 57	3° 8'35	8♌57	21°27	9°36	28°14	27°27	11°29	29°57	9°59	12°48	11°R53	12°24	10° 1	19°26	
S 25	12 8 54	4° 7'59	22°25	22°40	10°50	29° 1	27°36	11°26	29°58	10° 1	12°50	11°53	12°21	10° 7	19°30	
M26	12 12 51	5° 7'21	5♌35	23°47	12° 5	29°47	27°45	11°23	29°59	10° 4	12°51	11°52	12°17	10°14	19°33	
T 27	12 16 47	6° 6'40	18°30	24°47	13°19	0°X34	27°54	11°19	29°59	10° 6	12°52	11°52	12°14	10°21	19°37	
W28	12 20 44	7° 5'57	1♎9	25°41	14°34	1°20	28° 3	11°16	0°S 1	10° 8	12°53	11°51	12°11	10°27	19°41	
T 29	12 24 40	8° 5'12	13°36	26°28	15°48	2° 7	28°11	11°13	0° 2	10°10	12°54	11°50	12° 8	10°34	19°44	
F 30	12 28 37	9° 4'24	25°52	27° 8	17° 3	2°54	28°20	11° 9	0° 3	10°13	12°55	11°50	12° 5	10°41	19°48	
S 31	12 32 33	10°Y 3'35	7♌59	27°Y40	18°Y17	3°X40	28°Z29	11°M 6	0°S 4	10°Y15	12°S56	11°D50	12°S 2	10°M47	19°X51	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	7s45	6n55	3s11	9s32	1s48	8s48	1s26	18s40	1s 3	21s33	0s 8	13s 6	2n32	23n43	0n16	2n15	1s30	0n48	15s29	4s46	5s23	12s 2	0s47	4n18
F 2	7 22 3 6	2 12 8 44	1 43 8 19	1 26 18 27	1 4 21 31	0 8 13 6	2 33 23 43	0 16 2 16	1 30 0 49	15 29 4 45	5 21 12 4	0 46 4 18	2 17 1 30	0 49 15 28	4 44 5 20	12 5 0 44	4 18							
S 3	6 59 0s48	1 9 7 56	1 38 7 50	1 26 18 15	1 4 21 29	0 8 13 5	2 33 23 43	0 16 2 17	1 30 0 49	15 28 4 44	5 20 12 5	0 44 4 18												
S 4	6 36 4 35	0 3 7 6	1 32 7 22	1 26 18 2	1 4 21 27	0 8 13 5	2 33 23 43	0 16 2 18	1 30 0 50	15 28 4 44	5 19 12 6	0 43 4 18												
M 5	6 13 8 9	1n 3 6 15	1 26 6 52	1 26 17 49	1 5 21 26	0 8 13 4	2 33 23 43	0 16 2 19	1 30 0 50	15 28 4 44	5 18 12 8	0 42 4 18												
T 6	5 50 11 20	2 5 5 23	1 19 6 23	1 26 17 36	1 5 21 24	0 8 13 3	2 34 23 43	0 16 2 19	1 30 0 51	15 27 4 45	5 16 12 9	0 40 4 18												
W 7	5 26 14 3	3 2 4 30	1 11 5 54	1 26 17 23	1 6 21 22	0 8 13 3	2 34 23 43	0 16 2 20	1 30 0 51	15 27 4 45	5 15 12 10	0 39 4 17												
T 8	5 3 16 11	3 5 1 3 36	1 3 5 24	1 25 17 9	1 6 21 20	0 9 13 2	2 34 23 43	0 16 2 21	1 30 0 52	15 27 4 46	5 14 12 12	0 38 4 17												
F 9	4 40 17 38	4 30 2 41	0 54 4 54	1 25 16 56	1 6 21 18	0 9 13 1	2 34 23 43	0 16 2 22	1 30 0 52	15 27 4 46	5 13 12 13	0 36 4 17												
S 10	4 16 18 18	4 58 1 46	0 45 4 24	1 25 16 42	1 7 21 16	0 9 13 1	2 34 23 43	0 16 2 23	1 30 0 53	15 26 4 46	5 11 12 15	0 35 4 17												
S 11	3 53 18 7	5 13 0 50	0 35 3 54	1 24 16 28	1 7 21 15	0 9 13 0	2 35 23 43	0 16 2 24	1 30 0 53	15 26 4 46	5 10 12 16	0 33 4 17												
M12	3 29 17 3	5 14 0n 6	0 25 3 24	1 24 16 14	1 8 21 13	0 9 12 59	2 35 23 43	0 16 2 24	1 30 0 54	15 26 4 45	5 9 12 17	0 32 4 17												
T 13	3 5 15 3 4	5 8 1 2	0 14 2 54	1 23 16 0	1 8 21 11	0 9 12 58	2 35 23 43	0 16 2 25	1 30 0 54	15 25 4 44	5 8 12 19	0 30 4 17												
W14	2 42 12 12	4 26 1 57	0 3 2 24	1 22 15 45	1 8 21 9	0 9 12 57	2 35 23 43	0 16 2 26	1 30 0 55	15 25 4 43	5 6 12 20	0 29 4 17												
T 15	2 18 8 34	3 37 2 53	0n 9 1 53	1 22 15 31	1 9 21 7	0 9 12 57	2 35 23 43	0 16 2 27	1 30 0 55	15 25 4 42	5 5 12 21	0 28 4 17												
F 16	1 54 4 21	2 33 3 48	0 21 1 23	1 21 15 16	1 9 21 5	0 10 12 56	2 36 23 43	0 16 2 28	1 30 0 56	15 25 4 42	5 4 12 23	0 26 4 17												
S 17	1 31 0n14	1 18 4 42	0 33 0 52	1 20 15 1	1 9 21 4	0 10 12 55	2 36 23 43	0 16 2 29	1 30 0 56	15 24 4 41	5 3 12 24	0 25 4 17												
S 18	1 7 4 51	0s 3 5 35	0 46 0 22	1 19 14 46	1 10 21 2	0 10 12 54	2 36 23 43	0 16 2 30	1 30 0 57	15 24 4 41	5 2 12 25	0 23 4 17												
M19	0 43 9 11	1 24 6 26	0 58 0n 9	1 18 14 31	1 10 21 0	0 10 12 53	2 36 23 43	0 16 2 31	1 30 0 58	15 24 4 41	5 0 12 27	0 22 4 17												
T 20	0 20 12 55	2 40 7 16	1 11 0 40	1 17 14 16	1 10 20 58	0 10 12 52	2 36 23 43	0 16 2 31	1 30 0 58	15 24 4 41	4 59 12 28	0 21 4 17												
W21	0n 4 15 47	3 44 8 4	1 23 1 10	1 16 14 0	1 11 20 57	0 10 12 51	2 36 23 43	0 16 2 32	1 30 0 59	15 23 4 42	4 58 12 29	0 19 4 17												
T 22	0 28 17 37	4 33 8 49	1 36 1 41	1 15 13 45	1 11 20 55	0 10 12 50	2 37 23 43	0 16 2 33	1 30 0 59	15 23 4 42	4 57 12 31	0 18 4 17												
F 23	0 51 18 18	5 4 9 32	1 48 2 11	1 14 13 29	1 11 20 53	0 10 12 49	2 37 23 43	0 16 2 34	1 30 1 0	15 23 4 42	4 55 12 32	0 16 4 17												
S 24	1 15 17 53	5 17 10 13	2 0 2 42	1 13 13 13	1 12 20 52	0 11 12 48	2 37 23 43	0 16 2 35	1 30 1 0	15 23 4 42	4 54 12 33	0 15 4 17												
S 25	1 39 16 27	5 12 10 51	2 11 3 12	1 11 12 57	1 12 20 50	0 11 12 47	2 37 23 43	0 16 2 36	1 30 1 1	15 23 4 42	4 53 12 35	0 13 4 17												
M26	2 2 14 11	4 51 11 26	2 21 3 42	1 10 12 41	1 12 20 48	0 11 12 46	2 37 23 43	0 16 2 37	1 30 1 1	15 22 4 42	4 52 12 36	0 12 4 17												
T 27	2 26 11 15	4 15 11 57	2 31 4 13	1 8 12 25	1 13 20 46	0 11 12 44	2 37 23 43	0 16 2 38	1 30 1 2	15 22 4 42	4 50 12 37	0 11 4 17												
W28	2 49 7 50	3 27 12 25	2 41 4 43	1 7 12 8	1 13 20 45	0 11 12 43	2 38 23 43	0 16 2 39	1 30 1 2	15 22 4 41	4 49 12 39	0 9 4 17												
T 29	3 13 4 8	2 31 12 50	2 49 5 13	1 5 11 52	1 13 20 43	0 11 12 42	2 38 23 43	0 16 2 39	1 30 1 3	15 22 4 41	4 48 12 40	0 8 4 17												
F 30	3 36 0 18	1 28 13 11	2 56 5 43	1 4 11 35	1 13 20 42	0 11 12 41	2 38 23 43	0 16 2 40	1 30 1 3	15 22 4 41	4 47 12 41	0 6 4 17												
S 31	3n59	3s30	0s21	13n29	3n 2	6n13	1s 2	11s19	1s14	20s40	0s12	12s40	2n38	23n43	0n16	2n41	1s30	1n 4	15s21	4s41	4s45	12s43	0s 5	4n17

Julian Day Number = 2402661.5, Delta T = 5.08 sec
 Ecliptic obliquity = 23°27'16, Nutation = 0°00'05
 Ayanamsha: Fagan/Bradley = 22°52'17, Lahiri = 21°59'17

SWISS EPHEMERIS for the year 1866

APRIL 1866

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	12 36 30	11°Y 2'43	19°Ω58	28°Y 6	19°Y31	4°K27	28°Z37	11°R 2	0°E 5	10°Y17	12°D57	11°Ω50	11°Ω58	10°M54	19°K55								
M 2	12 40 26	12° 1'49	1°M51	28°24	20°46	5°14	28°45	10°M59	0° 6	10°19	12°59	11°R50	11°55	11° 0	19°58								
T 3	12 44 23	13° 0'54	13°41	28°35	22° 0	6° 0	28°53	10°55	0° 8	10°22	13° 0	11°50	11°52	11° 7	20° 2								
W 4	12 48 19	13°59'56	25°30	28°R39	23°14	6°47	29° 1	10°51	0° 9	10°24	13° 1	11°50	11°49	11°14	20° 5								
T 5	12 52 16	14°58'57	7°A21	28°36	24°29	7°33	29° 9	10°47	0°10	10°26	13° 2	11°49	11°46	11°20	20° 9								
F 6	12 56 13	15°57'56	19°18	28°27	25°43	8°20	29°17	10°43	0°12	10°28	13° 3	11°49	11°42	11°27	20°12								
S 7	13 0 9	16°56'53	1°Z24	28°12	26°57	9° 7	29°24	10°40	0°13	10°31	13° 5	11°49	11°39	11°34	20°16								
S 8	13 4 6	17°55'49	13°44	27°50	28°11	9°53	29°32	10°36	0°15	10°33	13° 6	11°D48	11°36	11°40	20°19								
M 9	13 8 2	18°54'42	26°23	27°24	29°26	10°40	29°39	10°32	0°17	10°35	13° 7	11°48	11°33	11°47	20°23								
T 10	13 11 59	19°53'34	9°Z23	26°53	0°B40	11°26	29°46	10°28	0°18	10°37	13° 8	11°49	11°30	11°54	20°26								
W 11	13 15 55	20°52'24	22°48	26°17	1°54	12°13	29°53	10°23	0°20	10°40	13°10	11°50	11°27	12° 0	20°29								
T 12	13 19 52	21°51'13	6°K40	25°39	3° 8	12°59	29°59	10°19	0°22	10°42	13°11	11°50	11°23	12° 7	20°33								
F 13	13 23 48	22°49'59	20°58	24°58	4°22	13°46	0°A 7	10°15	0°24	10°44	13°12	11°51	11°20	12°14	20°36								
S 14	13 27 45	23°48'44	5°Y39	24°15	5°36	14°32	0°13	10°11	0°25	10°46	13°14	11°R52	11°17	12°20	20°39								
S 15	13 31 42	24°47'27	20°38	23°31	6°50	15°19	0°19	10° 7	0°27	10°49	13°15	11°52	11°14	12°27	20°43								
M 16	13 35 38	25°46'08	5°B47	22°48	8° 4	16° 5	0°26	10° 2	0°29	10°51	13°16	11°51	11°11	12°34	20°46								
T 17	13 39 35	26°44'47	20°56	22° 5	9°18	16°52	0°32	9°58	0°31	10°53	13°17	11°49	11° 8	12°40	20°49								
W 18	13 43 31	27°43'24	5°I55	21°23	10°32	17°38	0°38	9°54	0°33	10°55	13°19	11°48	11° 4	12°47	20°52								
T 19	13 47 28	28°41'59	20°38	20°44	11°46	18°25	0°43	9°49	0°35	10°57	13°20	11°46	11° 1	12°54	20°55								
F 20	13 51 24	29°40'32	4°E58	20° 8	13° 0	19°11	0°49	9°45	0°37	11° 0	13°21	11°44	10°58	13° 0	20°58								
S 21	13 55 21	0°B39'02	18°54	19°35	14°14	19°58	0°54	9°40	0°40	11° 2	13°23	11°43	10°55	13° 7	21° 2								
S 22	13 59 17	1°37'30	2°Ω23	19° 5	15°28	20°44	1° 0	9°36	0°42	11° 4	13°24	11°D42	10°52	13°14	21° 5								
M 23	14 3 14	2°35'57	15°29	18°40	16°42	21°30	1° 5	9°31	0°44	11° 6	13°25	11°43	10°48	13°20	21° 8								
T 24	14 7 11	3°34'20	18°20	18°20	17°56	22°17	1°10	9°27	0°46	11° 8	13°27	11°44	10°45	13°27	21°11								
W 25	14 11 7	4°32'42	10°M41	18° 4	19°10	23° 3	1°14	9°22	0°49	11°10	13°28	11°45	10°42	13°34	21°14								
T 26	14 15 4	5°31'02	22°54	17°52	20°23	23°49	1°19	9°18	0°51	11°13	13°29	11°47	10°39	13°40	21°16								
F 27	14 19 0	6°29'20	4°Ω58	17°46	21°37	24°35	1°23	9°13	0°53	11°15	13°31	11°48	10°36	13°47	21°19								
S 28	14 22 57	7°27'35	16°54	17°D45	22°51	25°22	1°28	9° 9	0°56	11°17	13°32	11°R48	10°33	13°54	21°22								
S 29	14 26 53	8°25'49	28°45	17°48	24° 5	26° 8	1°32	9° 4	0°58	11°19	13°33	11°47	10°29	14° 0	21°25								
M 30	14 30 50	9°B24'02	10°M35	17°Y57	25°B18	26°K54	1°A36	9°M 0	1°E 1	11°Y21	13°B35	11°Ω44	10°Ω26	14°M 7	21°K28								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
S 1	4n22	7s 7	0n45	13n43	3n 7	6n43	1s 1	11s 2	1s14	20s38	0s12	12s39	2n38	23n43	0n16	2n42	1s30	1n 4	15s21	4s41	4s44	12s44	0s 3	4n17
M 2	4 46	10 25	1 49	13 53	3 11	7 12	0 59	10 45	1 14	20 37	0 12	12 37	2 38	23 43	0 16	2 43	1 30	1 5	15 21	4 41	4 43	12 45	0 2	4 17
T 3	5 9	13 17	2 48	14 0	3 14	7 42	0 57	10 28	1 14	20 35	0 12	12 36	2 38	23 43	0 16	2 44	1 30	1 5	15 21	4 41	4 42	12 47	0 1	4 17
W 4	5 32	15 35	3 40	14 2	3 15	8 11	0 55	10 11	1 15	20 34	0 12	12 35	2 38	23 43	0 16	2 45	1 30	1 6	15 21	4 41	4 40	12 48	0n 1	4 17
T 5	5 54	17 14	4 22	14 1	3 14	8 40	0 53	9 54	1 15	20 32	0 12	12 34	2 39	23 43	0 15	2 46	1 30	1 6	15 20	4 41	4 39	12 49	0 2	4 17
F 6	6 17	18 9	4 54	13 56	3 13	9 9	0 51	9 37	1 15	20 31	0 12	12 32	2 39	23 43	0 15	2 47	1 30	1 7	15 20	4 41	4 38	12 51	0 4	4 17
S 7	6 40	18 14	5 12	13 47	3 9	9 37	0 50	9 19	1 15	20 30	0 13	12 31	2 39	23 43	0 15	2 47	1 30	1 7	15 20	4 40	4 37	12 52	0 5	4 17
S 8	7 2	17 29	5 17	13 34	3 4	10 6	0 48	9 2	1 16	20 28	0 13	12 30	2 39	23 43	0 15	2 48	1 30	1 8	15 20	4 40	4 35	12 53	0 6	4 17
M 9	7 25	15 51	5 8	13 19	2 57	10 34	0 46	8 45	1 16	20 27	0 13	12 28	2 39	23 43	0 15	2 49	1 30	1 8	15 20	4 40	4 34	12 54	0 8	4 17
T 10	7 47	13 23	4 42	13 0	2 49	11 2	0 43	8 27	1 16	20 25	0 13	12 27	2 39	23 43	0 15	2 50	1 30	1 9	15 20	4 40	4 33	12 56	0 9	4 17
W 11	8 9	10 8	4 0	12 38	2 40	11 30	0 41	8 9	1 16	20 24	0 13	12 26	2 39	23 43	0 15	2 51	1 30	1 9	15 19	4 41	4 32	12 57	0 10	4 17
T 12	8 31	6 14	3 3	12 14	2 29	11 57	0 39	7 52	1 16	20 23	0 13	12 24	2 39	23 43	0 15	2 52	1 30	1 10	15 19	4 41	4 31	12 58	0 12	4 17
F 13	8 53	1 51	1 53	11 47	2 16	12 24	0 37	7 34	1 16	20 22	0 13	12 23	2 39	23 43	0 15	2 53	1 30	1 10	15 19	4 41	4 29	13 0	0 13	4 17
S 14	9 15	2n46	0 34	11 19	2 3	12 51	0 35	7 16	1 17	20 20	0 14	12 21	2 39	23 43	0 15	2 53	1 30	1 11	15 19	4 42	4 28	13 1	0 15	4 18
S 15	9 36	7 19	0s48	10 49	1 49	13 18	0 33	6 58	1 17	20 19	0 14	12 20	2 39	23 43	0 15	2 54	1 30	1 11	15 19	4 42	4 27	13 2	0 16	4 18
M 16	9 58	11 26	2 9	10 19	1 33	13 44	0 30	6 40	1 17	20 18	0 14	12 19	2 39	23 43	0 15	2 55	1 30	1 12	15 19	4 41	4 26	13 4	0 17	4 18
T 17	10 19	14 47	3 20	9 48	1 17	14 10	0 28	6 22	1 17	20 17	0 14	12 17	2 40	23 43	0 15	2 56	1 30	1 12	15 19	4 41	4 24	13 5	0 19	4 18
W 18	10 40	17 6	4 17	9 17	1 1	14 35	0 26	6 4	1 17	20 16	0 14	12 16	2 40	23 43	0 15	2 57	1 30	1 13	15 19	4 40	4 23	13 6	0 20	4 18
T 19	11 1	18 13	4 55	8 47	0 44	15 0	0 23	5 46	1 17	20 15	0 14	12 14	2 40	23 43	0 15	2 58	1 30	1 13	15 18	4 39	4 22	13 7	0 21	4 18
F 20	11 22	18 8	5 14	8 17	0 27	15 25	0 21	5 28	1 17	20 13	0 15	12 13	2 40	23 43	0 15	2 59	1 30	1 14	15 18	4 38	4 21	13 9	0 22	4 18
S 21	11 42	16 56	5 14	7 49	0 10	15 50	0 19	5 10	1 17	20 12	0 15	12 12	2 40	23 43	0 15	2 59	1 30	1 14	15 18	4 38	4 19	13 10	0 24	4 18
S 22	12 3	14 50	4 56	7 23	0s 6	16 14	0 16	4 52	1 18	20 11	0 15	12 10	2 40	23 43	0 15	3 0	1 30	1 14	15 18	4 38	4 18	13 11	0 25	4 18
M 23	12 23	12 1	4 23	6 58	0 23	16 37	0 14	4 34	1 18	20 11	0 15	12 9	2 40	23 43	0 15	3 1	1 30	1 15	15 18	4 38	4 17	13 12	0 26	4 18
T 24	12 43	8 41	3 38	6 36	0 39	17 0	0 11	4 15	1 18	20 10	0 15	12 7	2 40	23 43	0 15	3 2	1 30	1 15	15 18	4 39	4 16	13 14	0 28	4 18
W 25	13 3	5 3	2 43	6 15	0 54	17 23	0 9	3 57	1 18	20 9	0 15	12 6	2 40	23 43	0 15	3 3	1 30	1 16	15 18	4 39	4 14	13 15	0 29	4 18
T 26	13 22	1 15	1 42	5 57	1 9	17 45	0 6	3 39	1 18	20 8	0 16	12 5	2 40	23 43	0 15	3 3	1 30	1 16	15 18	4 40	4 13	13 16	0 30	4 19
F 27	13 41	2s33	0 38	5 42	1 23	18 7	0 4	3 20	1 18	20 7	0 16	12 3	2 40	23 42	0 15	3 4	1 30	1 17	15 18	4 40	4 12	13 18	0 31	4 19
S 28	14 1	6 13	0n28	5 29	1 36	18 28	0 1	3 2	1 18	20 6	0 16	12 2	2 40	23 42	0 15	3 5	1 30	1 17	15 18	4 40	4 11	13 19	0 32	4 19
S 29	14 19	9 36	1 32	5 19	1 49	1																		

SWISS EPHEMERIS for the year 1866

MAY 1866

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	14 34 46	10♂22'12	22♉24	18♃10	26♂32	27♁40	1♃39	8°R55	1♁3	11♃23	13♂36	11°R41	10♁23	14♉14	21♁31
W 2	14 38 43	11°20'21	4♁16	18°27	27°46	28°26	1°43	8♉51	1°6	11°25	13°38	11♁36	10°20	14°20	21°33
T 3	14 42 40	12°18'28	16°11	18°49	28°59	29°12	1°46	8°56	1°8	11°27	13°39	11°30	10°17	14°27	21°36
F 4	14 46 36	13°16'34	28°13	19°16	0♁13	29°59	1°50	8°41	1°11	11°29	13°40	11°25	10°14	14°34	21°39
S 5	14 50 33	14°14'38	10♁23	19°47	1°26	0♃45	1°53	8°37	1°14	11°31	13°42	11°20	10°10	14°40	21°41
S 6	14 54 29	15°12'41	22°45	20°21	2°40	1°31	1°55	8°32	1°17	11°33	13°43	11°17	10°7	14°47	21°44
M 7	14 58 26	16°10'42	5♁23	21°0	3°53	2°17	1°58	8°28	1°19	11°35	13°44	11°15	10°4	14°54	21°46
T 8	15 2 22	17°8'42	18°19	21°43	5°7	3°3	2°1	8°23	1°22	11°37	13°46	11°D14	10°1	15°0	21°49
W 9	15 6 19	18°6'41	1♁36	22°29	6°20	3°49	2°3	8°19	1°25	11°39	13°47	11°15	9°58	15°7	21°51
T 10	15 10 15	19°4'38	15°18	23°18	7°34	4°34	2°5	8°15	1°28	11°41	13°48	11°16	9°54	15°14	21°54
F 11	15 14 12	20°2'34	29°26	24°11	8°47	5°20	2°7	8°10	1°31	11°43	13°50	11°17	9°51	15°20	21°56
S 12	15 18 9	21°0'29	13♃59	25°7	10°0	6°6	2°9	8°6	1°34	11°44	13°51	11°R18	9°48	15°27	21°58
S 13	15 22 5	21°58'22	28°53	26°6	11°14	6°52	2°10	8°1	1°36	11°46	13°52	11°17	9°45	15°34	22°0
M14	15 26 2	22°56'14	14♁2	27°9	12°27	7°38	2°11	7°57	1°39	11°48	13°54	11°14	9°42	15°41	22°3
T 15	15 29 58	23°54'05	29°17	28°14	13°40	8°23	2°13	7°53	1°42	11°50	13°55	11°9	9°39	15°47	22°5
W16	15 33 55	24°51'55	14♁27	29°22	14°54	9°9	2°14	7°49	1°45	11°52	13°57	11°3	9°35	15°54	22°7
T 17	15 37 51	25°49'43	29°22	0♁33	16°7	9°55	2°14	7°44	1°49	11°53	13°58	10°56	9°32	16°1	22°9
F 18	15 41 48	26°47'29	13♁55	1°46	17°20	10°40	2°15	7°40	1°52	11°55	13°59	10°50	9°29	16°7	22°11
S 19	15 45 44	27°45'14	28°0	3°3	18°33	11°26	2°15	7°36	1°55	11°57	14°1	10°45	9°26	16°14	22°13
S 20	15 49 41	28°42'57	11♁36	4°21	19°47	12°11	2°16	7°32	1°58	11°59	14°2	10°41	9°23	16°21	22°15
M21	15 53 38	29°40'38	24°45	5°43	21°0	12°57	2°R16	7°28	2°1	12°0	14°3	10°D40	9°19	16°27	22°17
T 22	15 57 34	0♁38'18	7♁28	7°7	22°13	13°42	2°15	7°24	2°4	12°2	14°4	10°40	9°16	16°34	22°19
W23	16 1 31	1°35'56	19°52	8°33	23°26	14°28	2°15	7°20	2°7	12°4	14°6	10°41	9°13	16°41	22°21
T 24	16 5 27	2°33'33	2♁0	10°2	24°39	15°13	2°15	7°16	2°11	12°5	14°7	10°42	9°10	16°47	22°22
F 25	16 9 24	3°31'08	13°57	11°33	25°52	15°58	2°14	7°12	2°14	12°7	14°8	10°R42	9°7	16°54	22°24
S 26	16 13 20	4°28'42	25°48	13°6	27°5	16°43	2°13	7°8	2°17	12°8	14°10	10°41	9°4	17°1	22°26
S 27	16 17 17	5°26'15	7♁36	14°42	28°18	17°29	2°12	7°5	2°20	12°10	14°11	10°38	9°0	17°7	22°27
M28	16 21 13	6°23'46	19°25	16°21	29°31	18°14	2°10	7°1	2°24	12°11	14°12	10°32	8°57	17°14	22°29
T 29	16 25 10	7°21'16	1♁17	18°1	0♁44	18°59	2°9	6°57	2°27	12°13	14°13	10°24	8°54	17°21	22°30
W30	16 29 7	8°18'46	13°13	19°45	1°57	19°44	2°7	6°54	2°30	12°14	14°15	10°14	8°51	17°27	22°32
T 31	16 33 3	9♁16'14	25♁17	21♁30	3♁10	20♃29	2♁5	6♁50	2♁34	12♃16	14♁16	10♁3	8♁48	17♁34	22♁33

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	14n56	15s5	3n25	5n6	2s11	19n30	0n6	2s7	1s18	20s4	0s16	11s57	2n40	23n42	0n15	3n7	1s30	1n18	15s18	4s37	4s7	13s23	0n36	4n19
W 2	15 15	16 56	4 9	5 4	2 21	19 49	0 9	1 49	1 18	20 4	0 17	11 56	2 40	23 42	0 15	3 8	1 30	1 19	15 18	4 35	4 6	13 24	0 37	4 19
T 3	15 32	18 3	4 43	5 4	2 30	20 8	0 11	1 30	1 18	20 3	0 17	11 55	2 40	23 42	0 15	3 9	1 30	1 19	15 18	4 33	4 4	13 25	0 38	4 19
F 4	15 50	18 23	5 4	5 6	2 38	20 26	0 14	1 12	1 18	20 2	0 17	11 53	2 40	23 42	0 15	3 10	1 30	1 20	15 18	4 31	4 3	13 26	0 40	4 20
S 5	16 7	17 52	5 12	5 11	2 45	20 44	0 16	1 04	1 18	20 2	0 17	11 52	2 39	23 42	0 15	3 10	1 30	1 20	15 17	4 29	4 2	13 28	0 41	4 20
S 6	16 24	16 30	5 6	5 18	2 52	21 1	0 19	0 35	1 18	20 1	0 17	11 50	2 39	23 42	0 15	3 11	1 30	1 20	15 17	4 28	4 1	13 29	0 42	4 20
M 7	16 41	14 19	4 45	5 27	2 58	21 18	0 22	0 17	1 18	20 1	0 17	11 49	2 39	23 42	0 15	3 12	1 30	1 21	15 17	4 27	3 59	13 30	0 43	4 20
T 8	16 58	11 24	4 9	5 39	3 2	21 34	0 24	0n1	1 18	20 1	0 18	11 48	2 39	23 42	0 15	3 13	1 30	1 21	15 17	4 27	3 58	13 31	0 44	4 20
W 9	17 14	7 48	3 20	5 52	3 6	21 49	0 27	0 20	1 18	20 0	0 18	11 46	2 39	23 42	0 15	3 13	1 30	1 22	15 17	4 27	3 57	13 32	0 45	4 20
T 10	17 30	3 41	2 17	6 7	3 10	22 4	0 29	0 38	1 18	20 0	0 18	11 45	2 39	23 42	0 15	3 14	1 30	1 22	15 17	4 28	3 56	13 34	0 46	4 20
F 11	17 46	0n45	1 4	6 24	3 12	22 18	0 32	0 56	1 18	20 0	0 18	11 44	2 39	23 42	0 15	3 15	1 30	1 22	15 17	4 28	3 54	13 35	0 47	4 20
S 12	18 1	5 18	0s15	6 43	3 14	22 32	0 34	1 14	1 17	20 0	0 18	11 42	2 39	23 42	0 15	3 15	1 30	1 23	15 17	4 28	3 53	13 36	0 48	4 21
S 13	18 16	9 37	1 34	7 3	3 15	22 45	0 37	1 33	1 17	19 59	0 19	11 41	2 39	23 42	0 15	3 16	1 30	1 23	15 17	4 28	3 52	13 37	0 49	4 21
M14	18 31	13 23	2 48	7 25	3 15	22 57	0 39	1 51	1 17	19 59	0 19	11 40	2 39	23 42	0 15	3 17	1 31	1 23	15 18	4 27	3 51	13 39	0 50	4 21
T 15	18 46	16 15	3 51	7 49	3 15	23 8	0 41	2 9	1 17	19 59	0 19	11 39	2 39	23 42	0 15	3 17	1 31	1 24	15 18	4 25	3 49	13 40	0 51	4 21
W16	19 0	17 58	4 37	8 14	3 14	23 19	0 44	2 27	1 17	19 59	0 19	11 37	2 39	23 42	0 15	3 18	1 31	1 24	15 18	4 22	3 48	13 41	0 52	4 21
T 17	19 14	18 24	5 3	8 40	3 12	23 30	0 46	2 45	1 17	19 59	0 19	11 36	2 38	23 42	0 15	3 19	1 31	1 24	15 18	4 20	3 47	13 42	0 53	4 21
F 18	19 27	17 37	5 9	9 8	3 10	23 39	0 49	3 3	1 17	19 59	0 19	11 35	2 38	23 42	0 15	3 19	1 31	1 25	15 18	4 17	3 46	13 43	0 54	4 22
S 19	19 40	15 45	4 55	9 36	3 7	23 48	0 51	3 21	1 17	19 59	0 20	11 34	2 38	23 42	0 15	3 20	1 31	1 25	15 18	4 15	3 44	13 45	0 55	4 22
S 20	19 53	13 4	4 25	10 6	3 3	23 57	0 53	3 39	1 16	19 59	0 20	11 32	2 38	23 42	0 15	3 21	1 31	1 25	15 18	4 14	3 43	13 46	0 56	4 22
M21	20 6	9 47	3 42	10 37	2 59	24 4	0 56	3 57	1 16	20 0	0 20	11 31	2 38	23 42	0 15	3 21	1 31	1 26	15 18	4 13	3 42	13 47	0 57	4 22
T 22	20 18	6 9	2 50	11 9	2 54	24 11	0 58	4 14	1 16	20 0	0 20	11 30	2 38	23 42	0 15	3 22	1 31	1 26	15 18	4 14	3 41	13 48	0 58	4 22
W23	20 30	2 20	1 50	11 42	2 49	24 18	1 0	4 32	1 16	20 0	0 20	11 29	2 38	23 42	0 15	3 22	1 31	1 26	15 18	4 14	3 39	13 49	0 59	4 22
T 24	20 41	1s31	0 47	12 15	2 43	24 23	1 2	4 50	1 16	20 0	0 21	11 28	2 38	23 42	0 15	3 23	1 31	1 27	15 18	4 14	3 38	13 51	0 59	4 22
F 25	20 52	5 14	0n17	12 50	2 36	24 28	1 5	5 8	1 16	20 1	0 21	11 27	2 37	23 42	0 15	3 24	1 31	1 27	15 18	4 14	3 37	13 52	1 0	4 23
S 26	21 3	8 44	1 20	13 24	2 29	24 32	1 7	5 25	1 15	20 1	0 21	11 26	2 37	23 41	0 15	3 24	1 31	1 27	15 18	4 14	3 36	13 53	1 1	4 23
S 27	21 13	11 51	2 19	14 0	2 22	24 35	1 9	5 43	1 15	20 2	0 21	11 25	2 37	23 41	0 15	3 25	1 31	1 27	15 18	4 13	3 34	13 54	1 2	4 23
M28	21 23	14 30	3 12	14 36	2 14	24 38	1 11	6 0	1 15	20 2	0 21	11 24	2 37	23 41	0 15	3 25	1 31	1 28	15 18	4 10	3 33	13 55	1 3	4 23
T 29	21 33	16 34	3 57	15 12	2 6	24 40	1 13	6 17	1 15	20 3	0 21	11 22	2 37	23 41	0 15	3 26	1 31	1 28	15 18	4 7				

SWISS EPHEMERIS for the year 1866

JUNE 1866

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
F 1	16 37 0	10II13'41	7☾28	23♁18	4☾22	21♃14	2°R 3	6°R47	2☾37	12♃17	14♁17	9°R52	8♁45	17♃41	22♁35
S 2	16 40 56	11°11'07	19°48	25° 8	5°35	21°59	2≈ 1	6♃44	2°41	12°19	14°19	9♁42	8°41	17°47	22°36
S 3	16 44 53	12° 8'33	2≈19	27° 1	6°48	22°44	1°59	6°40	2°44	12°20	14°20	9°34	8°38	17°54	22°37
M 4	16 48 49	13° 5'58	15° 2	28°56	8° 1	23°28	1°56	6°37	2°47	12°21	14°21	9°29	8°35	18° 1	22°38
T 5	16 52 46	14° 3'22	28° 0	0II53	9°13	24°13	1°53	6°34	2°51	12°23	14°22	9°25	8°32	18° 7	22°40
W 6	16 56 42	15° 0'46	11♁15	2°52	10°26	24°58	1°50	6°31	2°54	12°24	14°23	9°D24	8°29	18°14	22°41
T 7	17 0 39	15°58'08	24°50	4°54	11°39	25°42	1°47	6°28	2°58	12°25	14°25	9°24	8°25	18°21	22°42
F 8	17 4 36	16°55'31	8♃47	6°57	12°51	26°27	1°44	6°25	3° 1	12°26	14°26	9°R25	8°22	18°27	22°43
S 9	17 8 32	17°52'53	23° 6	9° 2	14° 4	27°12	1°40	6°22	3° 5	12°27	14°27	9°24	8°19	18°34	22°44
S 10	17 12 29	18°50'14	7♁45	11° 9	15°16	27°56	1°37	6°20	3° 8	12°29	14°28	9°21	8°16	18°41	22°45
M11	17 16 25	19°47'35	22°40	13°17	16°29	28°40	1°33	6°17	3°12	12°30	14°29	9°16	8°13	18°47	22°45
T 12	17 20 22	20°44'56	7II44	15°26	17°41	29°25	1°29	6°14	3°15	12°31	14°30	9° 9	8°10	18°54	22°46
W13	17 24 18	21°42'16	22°48	17°37	18°54	0♁ 9	1°25	6°12	3°19	12°32	14°31	8°59	8° 6	19° 1	22°47
T 14	17 28 15	22°39'35	7☾42	19°48	20° 6	0°53	1°20	6° 9	3°23	12°33	14°33	8°49	8° 3	19° 7	22°48
F 15	17 32 11	23°36'54	22°17	21°59	21°18	1°37	1°16	6° 7	3°26	12°34	14°34	8°38	8° 0	19°14	22°48
S 16	17 36 8	24°34'12	6♁26	24°11	22°31	2°22	1°11	6° 5	3°30	12°35	14°35	8°30	7°57	19°21	22°49
S 17	17 40 5	25°31'29	20° 7	26°23	23°43	3° 6	1° 6	6° 3	3°33	12°36	14°36	8°23	7°54	19°27	22°49
M18	17 44 1	26°28'46	3♁19	28°35	24°55	3°49	1° 1	6° 0	3°37	12°37	14°37	8°19	7°51	19°34	22°50
T 19	17 47 58	27°26'01	16° 6	0☾45	26° 8	4°33	0°56	5°58	3°40	12°38	14°38	8°18	7°47	19°41	22°50
W20	17 51 54	28°23'16	28°30	2°55	27°20	5°17	0°51	5°57	3°44	12°39	14°39	8°D17	7°44	19°48	22°50
T 21	17 55 51	29°20'30	10♁38	5° 4	28°32	6° 1	0°46	5°55	3°48	12°40	14°40	8°R17	7°41	19°54	22°51
F 22	17 59 47	0☾17'44	22°34	7°12	29°44	6°45	0°40	5°53	3°51	12°40	14°41	8°17	7°38	20° 1	22°51
S 23	18 3 44	1°14'57	4♃24	9°18	0♁56	7°28	0°34	5°51	3°55	12°41	14°42	8°14	7°35	20° 8	22°51
S 24	18 7 40	2°12'09	16°13	11°23	2° 8	8°12	0°28	5°50	3°58	12°42	14°43	8°10	7°31	20°14	22°51
M25	18 11 37	3° 9'21	28° 4	13°26	3°20	8°55	0°23	5°48	4° 2	12°43	14°44	8° 2	7°28	20°21	22°51
T 26	18 15 34	4° 6'33	10♁ 0	15°27	4°32	9°39	0°16	5°47	4° 6	12°43	14°45	7°52	7°25	20°28	22°R51
W27	18 19 30	5° 3'44	22° 5	17°26	5°44	10°22	0°10	5°46	4° 9	12°44	14°46	7°40	7°22	20°34	22°51
T 28	18 23 27	6° 0'55	4♁19	19°23	6°56	11° 5	0° 4	5°45	4°13	12°44	14°47	7°27	7°19	20°41	22°51
F 29	18 27 23	6°58'06	16°43	21°19	8° 8	11°48	29☾57	5°44	4°16	12°45	14°48	7°14	7°16	20°48	22°51
S 30	18 31 20	7☾55'17	29♁18	23☾12	9♁19	12♁32	29☾51	5♃43	4☾20	12♃46	14♁49	7♁ 2	7♁12	20♃54	22♁51

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂	♆									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
F 1	22n 0	18s11	5n 4	17n 2	1s38	24n41	1n19	7n 9	1s14	20s 4	0s22	11s20	2n36	23n41	0n15	3n27	1s31	1n29	15s19	3s55	3s28	14s 0	1n 6	4n24
S 2	22 8	17 3	4 59	17 38	1 28	24 40	1 20	7 26	1 14	20 5	0 22	11 19	2 36	23 41	0 15	3 28	1 31	1 29	15 19	3 51	3 27	14 1	1 6	4 24
S 3	22 16	15 6	4 41	18 14	1 18	24 39	1 22	7 43	1 13	20 6	0 22	11 18	2 36	23 41	0 15	3 28	1 31	1 29	15 19	3 48	3 26	14 3	1 7	4 24
M 4	22 23	12 23	4 8	18 50	1 7	24 36	1 24	8 0	1 13	20 7	0 23	11 17	2 36	23 41	0 15	3 29	1 31	1 29	15 19	3 45	3 24	14 4	1 8	4 24
T 5	22 30	9 1	3 22	19 25	0 57	24 33	1 26	8 16	1 13	20 7	0 23	11 16	2 35	23 41	0 15	3 29	1 32	1 30	15 19	3 44	3 23	14 5	1 8	4 25
W 6	22 37	5 8	2 24	20 0	0 46	24 29	1 27	8 33	1 12	20 8	0 23	11 15	2 35	23 41	0 15	3 30	1 32	1 30	15 19	3 44	3 22	14 6	1 9	4 25
T 7	22 43	0 53	1 17	20 33	0 35	24 25	1 29	8 49	1 12	20 9	0 23	11 15	2 35	23 41	0 15	3 30	1 32	1 30	15 19	3 44	3 21	14 7	1 9	4 25
F 8	22 49	3n32	0 3	21 5	0 24	24 20	1 30	9 6	1 12	20 10	0 23	11 14	2 35	23 41	0 15	3 31	1 32	1 30	15 20	3 44	3 19	14 8	1 10	4 25
S 9	22 54	7 52	1s12	21 36	0 13	24 14	1 32	9 22	1 11	20 11	0 24	11 13	2 35	23 41	0 15	3 31	1 32	1 30	15 20	3 44	3 18	14 10	1 10	4 25
S 10	22 59	11 49	2 25	22 5	0 2	24 7	1 33	9 38	1 11	20 12	0 24	11 12	2 34	23 40	0 15	3 31	1 32	1 30	15 20	3 43	3 17	14 11	1 11	4 26
M11	23 4	15 5	3 28	22 33	0n 9	24 0	1 34	9 55	1 11	20 13	0 24	11 12	2 34	23 40	0 15	3 32	1 32	1 31	15 20	3 41	3 16	14 12	1 12	4 26
T 12	23 8	17 22	4 18	22 58	0 19	23 52	1 36	10 11	1 10	20 14	0 24	11 11	2 34	23 40	0 15	3 32	1 32	1 31	15 20	3 38	3 14	14 13	1 12	4 26
W13	23 12	18 26	4 50	23 22	0 29	23 43	1 37	10 26	1 10	20 15	0 24	11 10	2 34	23 40	0 16	3 33	1 32	1 31	15 20	3 34	3 13	14 14	1 12	4 26
T 14	23 15	18 12	5 2	23 43	0 39	23 34	1 38	10 42	1 9	20 16	0 25	11 10	2 34	23 40	0 16	3 33	1 32	1 31	15 21	3 30	3 12	14 15	1 13	4 26
F 15	23 18	16 47	4 54	24 1	0 49	23 24	1 39	10 58	1 9	20 18	0 25	11 9	2 33	23 40	0 16	3 33	1 32	1 31	15 21	3 26	3 11	14 16	1 13	4 26
S 16	23 21	14 22	4 27	24 17	0 58	23 13	1 40	11 13	1 9	20 19	0 25	11 9	2 33	23 40	0 16	3 34	1 32	1 31	15 21	3 22	3 9	14 18	1 14	4 27
S 17	23 23	11 12	3 46	24 31	1 6	23 2	1 41	11 29	1 8	20 20	0 25	11 8	2 33	23 40	0 16	3 34	1 32	1 32	15 21	3 20	3 8	14 19	1 14	4 27
M18	23 24	7 35	2 54	24 41	1 14	22 50	1 42	11 44	1 8	20 21	0 25	11 8	2 33	23 40	0 16	3 34	1 32	1 32	15 21	3 18	3 7	14 20	1 14	4 27
T 19	23 26	3 43	1 55	24 49	1 22	22 37	1 42	11 59	1 7	20 23	0 25	11 7	2 32	23 40	0 16	3 35	1 32	1 32	15 21	3 17	3 6	14 21	1 15	4 27
W20	23 27	0s12	0 52	24 53	1 28	22 24	1 43	12 14	1 7	20 24	0 26	11 7	2 32	23 40	0 16	3 35	1 32	1 32	15 22	3 17	3 4	14 22	1 15	4 27
T 21	23 27	4 1	0n12	24 55	1 34	22 10	1 44	12 29	1 7	20 25	0 26	11 7	2 32	23 40	0 16	3 35	1 32	1 32	15 22	3 17	3 3	14 23	1 15	4 28
F 22	23 27	7 38	1 15	24 54	1 39	21 55	1 44	12 44	1 6	20 27	0 26	11 6	2 32	23 39	0 16	3 35	1 32	1 32	15 22	3 17	3 2	14 24	1 16	4 28
S 23	23 27	10 54	2 14	24 51	1 44	21 40	1 45	12 59	1 6	20 28	0 26	11 6	2 31	23 39	0 16	3 36	1 32	1 32	15 22	3 16	3 1	14 26	1 16	4 28
S 24	23 26	13 43	3 6	24 45	1 47	21 24	1 45	13 13	1 5	20 29	0 26	11 6	2 31	23 39	0 16	3 36	1 33	1 32	15 22	3 14	2 59	14 27	1 16	4 28
M25	23 25	15 59	3 51	24 36	1 50																			

SWISS EPHEMERIS for the year 1866

JULY 1866

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
S 1	18 35 16	8 ⁵² 22'28"	12 ²⁸ 4	25 ⁵² 3	10 ¹⁰ 31	13 ¹⁸ 15	29 ⁰ R44	5 ⁰ R42	4 ⁵² 24	12 ¹⁷ 46	14 ¹⁸ 49	6 ⁰ R52	7 ⁵² 9	21 ¹⁸ 1	22 ⁰ R51
M 2	18 39 13	9 ⁰ 49'30"	25 ⁰ 2	26 ⁰ 52	11 ⁴³ 4	13 ⁵⁸ 29	29 ³⁷ 3	5 ¹¹ 41	4 ²⁷ 12	12 ⁴⁷ 14	14 ⁵⁰ 6	6 ⁴⁴ 7	7 ⁰ 6	21 ⁰ 8	22 ¹⁸ 50
T 3	18 43 9	10 ⁰ 46'59"	8 ¹¹ 11	28 ⁰ 40	12 ⁵⁴ 14	14 ⁴¹ 29	29 ³¹ 5	5 ⁴⁰ 4	4 ³¹ 12	12 ⁴⁷ 14	14 ⁵¹ 6	6 ⁴⁰ 7	7 ³ 6	21 ¹⁴ 22	22 ⁵⁰ 50
W 4	18 47 6	11 ⁰ 44'01"	21 ⁰ 33	0 ⁰ 25	14 ⁰ 6	15 ²³ 29	29 ²⁴ 5	5 ⁴⁰ 4	4 ³⁴ 12	12 ⁴⁸ 14	14 ⁵² 6	6 ³⁸ 7	7 ⁰ 0	21 ²¹ 22	22 ⁵⁰ 50
T 5	18 51 3	12 ⁰ 41'13"	5 ⁹ 9	2 ⁰ 8	15 ¹⁸ 16	16 ⁰ 6	29 ¹⁷ 5	5 ³⁹ 4	4 ³⁸ 12	12 ⁴⁸ 14	14 ⁵³ 6	6 ³⁷ 6	6 ⁵⁷ 21	21 ²⁸ 22	22 ⁴⁹ 49
F 6	18 54 59	13 ⁰ 38'25"	19 ⁰ 1	3 ⁰ 49	16 ²⁹ 16	16 ⁴⁹ 29	29 ⁰ 9	5 ³⁹ 4	4 ⁴² 12	12 ⁴⁸ 14	14 ⁵⁴ 6	6 ³⁷ 6	6 ⁵³ 21	21 ³⁴ 22	22 ⁴⁹ 49
S 7	18 58 56	14 ⁰ 35'37"	3 ⁸ 9	5 ⁰ 27	17 ⁴⁰ 17	17 ³¹ 29	29 ⁰ 2	5 ³⁸ 4	4 ⁴⁵ 12	12 ⁴⁹ 14	14 ⁵⁴ 6	6 ³⁶ 6	6 ⁵⁰ 21	21 ⁴¹ 22	22 ⁴⁸ 48
S 8	19 2 52	15 ⁰ 32'50"	17 ⁰ 32	7 ⁰ 4	18 ⁵² 18	18 ¹⁴ 28	28 ⁵⁵ 5	5 ³⁸ 4	4 ⁴⁹ 12	12 ⁴⁹ 14	14 ⁵⁵ 6	6 ³⁴ 6	6 ⁴⁷ 21	21 ⁴⁸ 22	22 ⁴⁸ 48
M 9	19 6 49	16 ⁰ 30'04"	2 ¹¹ 8	8 ⁰ 39	20 ⁰ 3	18 ⁵⁶ 28	28 ⁴⁸ 5	5 ³⁸ 4	4 ⁵² 12	12 ⁴⁹ 14	14 ⁵⁶ 6	6 ²⁸ 6	6 ⁴⁴ 21	21 ⁵⁵ 22	22 ⁴⁷ 47
T 10	19 10 45	17 ⁰ 27'17"	16 ⁰ 51	10 ⁰ 12	21 ¹⁵ 19	19 ³⁹ 28	28 ⁴⁰ 5	5 ³⁸ 4	4 ⁵⁶ 12	12 ⁴⁹ 14	14 ⁵⁷ 6	6 ²⁰ 6	6 ⁴¹ 22	22 ⁰ 1	22 ⁴⁶ 46
W 11	19 14 42	18 ⁰ 24'32"	1 ⁵³ 15	11 ⁰ 42	22 ²⁶ 20	20 ²¹ 28	28 ³³ 5	5 ³⁸ 4	4 ⁵⁹ 12	12 ⁵⁰ 14	14 ⁵⁷ 6	6 ¹¹ 6	6 ³⁷ 22	22 ⁰ 8	22 ⁴⁵ 45
T 12	19 18 38	19 ⁰ 21'46"	16 ⁰ 13	13 ⁰ 11	23 ³⁷ 21	21 ⁰ 3	28 ²⁵ 5	5 ³⁸ 5	5 ⁰ 3	12 ⁵⁰ 14	14 ⁵⁸ 6	6 ⁰ 6	6 ³⁴ 22	22 ¹⁵ 22	22 ⁴⁴ 44
F 13	19 22 35	20 ⁰ 19'01"	0 ⁰ 25	14 ⁰ 37	24 ⁴⁸ 21	21 ⁴⁵ 28	28 ¹⁸ 5	5 ³⁹ 5	5 ⁰ 6	12 ⁵⁰ 14	14 ⁵⁹ 5	5 ⁴⁹ 6	6 ³¹ 22	22 ²¹ 22	22 ⁴⁴ 44
S 14	19 26 32	21 ⁰ 16'16"	14 ⁰ 37	16 ⁰ 1	25 ⁵⁹ 22	22 ²⁷ 28	28 ¹⁰ 5	5 ³⁹ 5	5 ¹⁰ 12	12 ⁵⁰ 14	14 ⁵⁹ 5	5 ⁴⁰ 6	6 ²⁸ 22	22 ²⁸ 22	22 ⁴³ 43
S 15	19 30 28	22 ⁰ 13'32"	28 ⁰ 15	17 ⁰ 23	27 ¹⁰ 23	23 ⁰ 9	28 ⁰ 2	5 ⁴⁰ 5	5 ¹³ 12	12 ⁵⁰ 15	15 ⁰ 5	5 ³³ 6	6 ²⁵ 22	22 ³⁵ 22	22 ⁴² 42
M 16	19 34 25	23 ⁰ 10'47"	11 ¹⁷ 26	18 ⁰ 43	28 ²¹ 23	23 ⁵¹ 27	27 ⁵⁵ 5	5 ⁴⁰ 5	5 ¹⁷ 12	12 ⁵⁰ 15	15 ⁰ 5	5 ²⁸ 6	6 ²² 22	22 ⁴¹ 22	22 ⁴¹ 41
T 17	19 38 21	24 ⁰ 8'03"	24 ⁰ 13	20 ⁰ 0	29 ³² 24	24 ³³ 27	27 ⁴⁷ 5	5 ⁴¹ 5	5 ²⁰ 12	12 ⁵⁰ 15	15 ⁰ 5	5 ²⁶ 6	6 ¹⁸ 22	22 ⁴⁸ 22	22 ⁴⁰ 40
W 18	19 42 18	25 ⁰ 5'19"	6 ²³ 39	21 ¹⁵ 0	0 ¹⁷ 43	25 ¹⁴ 27	27 ³⁹ 5	5 ⁴² 5	5 ²⁴ 12	12 ⁵⁰ 15	15 ⁰ 5	5 ²⁰ 6	6 ¹⁵ 22	22 ⁵⁵ 22	22 ³⁸ 38
T 19	19 46 14	26 ⁰ 2'35"	18 ⁴⁹ 22	22 ⁰ 28	1 ⁵⁴ 25	25 ⁵⁶ 27	27 ³¹ 5	5 ⁴³ 5	5 ²⁷ 12	12 ⁵⁰ 15	15 ⁰ 5	5 ²⁶ 6	6 ¹² 23	23 ⁰ 1	22 ³⁷ 37
F 20	19 50 11	26 ⁰ 59'51"	0 ¹⁸ 46	23 ⁰ 38	3 ⁰ 5	26 ³⁷ 27	27 ²⁴ 5	5 ⁴⁴ 5	5 ³¹ 12	12 ⁵⁰ 15	15 ⁰ 5	5 ²⁰ 6	6 ⁰ 9	23 ⁰ 8	22 ³⁶ 36
S 21	19 54 7	27 ⁰ 57'08"	12 ⁰ 38	24 ⁰ 46	4 ¹⁵ 27	27 ¹⁹ 27	27 ¹⁶ 5	5 ⁴⁵ 5	5 ³⁴ 12	12 ⁵⁰ 15	15 ⁰ 5	5 ²⁵ 6	6 ⁰ 6	23 ¹⁵ 22	22 ³⁵ 35
S 22	19 58 4	28 ⁰ 54'25"	24 ⁰ 28	25 ⁰ 51	5 ²⁶ 28	28 ⁰ 27	27 ⁰ 8	5 ⁴⁶ 5	5 ³⁸ 12	12 ⁵⁰ 15	15 ⁰ 4	5 ²² 6	6 ⁰ 3	23 ²¹ 22	22 ³³ 33
M 23	20 2 1	29 ⁰ 51'43"	6 ¹⁷ 22	26 ⁰ 53	6 ³⁶ 28	28 ⁴¹ 27	27 ⁰ 8	5 ⁴⁷ 5	5 ⁴¹ 12	12 ⁴⁹ 15	15 ⁰ 4	5 ¹⁶ 6	5 ⁵⁹ 23	23 ²⁸ 22	22 ³² 32
T 24	20 5 57	0 ⁰ 49'01"	18 ²³ 27	27 ⁰ 53	7 ⁴⁷ 29	29 ²² 26	26 ⁵³ 5	5 ⁴⁸ 5	5 ⁴⁴ 12	12 ⁴⁹ 15	15 ⁰ 5	5 ⁰ 8	5 ⁵⁶ 23	23 ³⁵ 22	22 ³⁰ 30
W 25	20 9 54	1 ⁰ 46'19"	0 ³⁵ 35	28 ⁰ 49	8 ⁵⁷ 0	0 ¹¹ 3	26 ⁴⁵ 5	5 ⁵⁰ 5	5 ⁴⁸ 12	12 ⁴⁹ 15	15 ⁰ 5	4 ⁵⁹ 5	5 ⁵³ 23	23 ⁴¹ 22	22 ²⁹ 29
T 26	20 13 50	2 ⁰ 43'38"	13 ⁰ 0	29 ⁰ 43	10 ⁰ 8	0 ⁴⁴ 26	26 ³⁷ 5	5 ⁵² 5	5 ⁵¹ 12	12 ⁴⁹ 15	15 ⁰ 6	4 ⁴⁸ 5	5 ⁵⁰ 23	23 ⁴⁸ 22	22 ²⁷ 27
F 27	20 17 47	3 ⁰ 40'58"	25 ⁰ 39	0 ¹⁷ 33	11 ¹⁸ 1 ²⁵	26 ³⁰ 5	5 ⁵³ 5	5 ⁵⁴ 5	5 ⁵⁴ 12	12 ⁴⁸ 15	15 ⁰ 6	4 ³⁷ 5	5 ⁴⁷ 23	23 ⁵⁵ 22	22 ²⁶ 26
S 28	20 21 43	4 ⁰ 38'18"	8 ²³ 32	1 ²⁰ 12	12 ²⁸ 2 ⁰	26 ²² 5	5 ⁵⁵ 5	5 ⁵⁷ 5	5 ⁵⁷ 12	12 ⁴⁸ 15	15 ⁰ 6	4 ²⁷ 5	5 ⁴³ 24	24 ⁰ 2	22 ²⁴ 24
S 29	20 25 40	5 ⁰ 35'39"	21 ⁰ 38	2 ⁰ 4	13 ³⁸ 2 ⁴⁶	26 ¹⁴ 5	5 ⁵⁷ 6	6 ⁰ 1	12 ⁴⁸ 15	15 ⁰ 7	15 ⁰ 7	4 ¹⁹ 5	5 ⁴⁰ 24	24 ⁰ 8	22 ²³ 23
M 30	20 29 36	6 ⁰ 33'01"	4 ¹⁸ 56	2 ⁰ 44	14 ⁴⁸ 3 ²⁷	26 ⁰ 7	5 ⁵⁹ 6	6 ⁰ 4	12 ⁴⁷ 15	15 ⁰ 7	15 ⁰ 7	4 ¹⁴ 5	5 ³⁷ 24	24 ¹⁵ 22	22 ²¹ 21
T 31	20 33 33	7 ⁰ 30'24"	18 ¹⁸ 25	3 ¹⁷ 20	15 ⁵⁸ 4 ¹¹	7 ⁰ 25	5 ⁵⁹ 6	6 ⁰ 1	12 ⁴⁷ 15	15 ⁰ 7	15 ⁰ 8	4 ¹⁰ 5	5 ³⁴ 24	24 ¹² 22	22 ¹⁹ 19

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
S 1	23n 9	13s15	4n 6	22n59	1n53	19n19	1n46	14n51	1s 2	20s40	0s28	11s 5	2n29	23n38	0n16	3n37	1s33	1n32	15s24	2s44	2s50	14s35	1n17	4n29
M 2	23 5 10	2 3	21 22	36 1 51	18 59	1 46	15 4	1 1	20 42	0 28	11 5	2 29	23 38	0 16	3 37	1 33	1 32	15 24	2 41	2 49	14 36	1 17	4 30	
T 3	23 1 6	17 2	24 22	12 1 48	18 38	1 45	15 17	1 0	20 43	0 28	11 5	2 29	23 38	0 16	3 37	1 33	1 32	15 24	2 39	2 48	14 37	1 17	4 30	
W 4	22 56	2 9	1 19	21 47	1 45	18 17	1 45	15 30	1 0	20 45	0 28	11 5	2 29	23 38	0 16	3 38	1 33	1 32	15 25	2 38	2 47	14 38	1 17	4 30
T 5	22 51	2n10	0 8	21 20	1 41	17 55	1 45	15 43	0 59	20 47	0 28	11 5	2 28	23 38	0 16	3 38	1 33	1 32	15 25	2 38	2 45	14 39	1 17	4 30
F 6	22 45	6 27	1s 5	20 53	1 37	17 33	1 44	15 56	0 59	20 48	0 29	11 5	2 28	23 38	0 16	3 38	1 33	1 32	15 25	2 38	2 44	14 40	1 17	4 30
S 7	22 39	10 27	2 15	20 24	1 32	17 11	1 43	16 8	0 58	20 50	0 29	11 5	2 28	23 38	0 16	3 38	1 33	1 32	15 25	2 37	2 43	14 41	1 17	4 31
S 8	22 33	13 54	3 18	19 54	1 26	16 48	1 43	16 21	0 57	20 52	0 29	11 5	2 28	23 38	0 16	3 38	1 33	1 32	15 26	2 36	2 42	14 42	1 17	4 31
M 9	22 26	16 31	4 9	19 24	1 20	16 25	1 42	16 33	0 57	20 53	0 29	11 6	2 27	23 38	0 16	3 38	1 33	1 32	15 26	2 34	2 40	14 43	1 17	4 31
T 10	22 19	18 5	4 44	18 53	1 14	16 1	1 41	16 45	0 56	20 55	0 29	11 6	2 27	23 37	0 16	3 38	1 33	1 32	15 26	2 31	2 39	14 44	1 17	4 31
W 11	22 11	18 26	5 0	18 21	1 7	15 37	1 40	16 57	0 56	20 57	0 29	11 6	2 27	23 37	0 16	3 38	1 34	1 32	15 26	2 27	2 38	14 46	1 17	4 31
T 12	22 3 17	34 4	5 7	17 49	0 59	15 13	1 39	17 9	0 55	20 58	0 30	11 6	2 26	23 37	0 16	3 38	1 34	1 32	15 27	2 23	2 37	14 47	1 16	4 31
F 13	21 55	15 35	4 34	17 17	0 51	14 48	1 38	17 20	0 54	21 0	0 30	11 7	2 26	23 37	0 16	3 38	1 34	1 32	15 27	2 19	2 35	14 48	1 16	4 32
S 14	21 46	12 42	3 55	16 44	0 43	14 22	1 36	17 32	0 54	21 2	0 30	11 7	2 26	23 37	0 16	3 38	1 34	1 32	15 27	2 15	2 34	14 49	1 16	4 32
S 15	21 37	9 13	3 4	16 11	0 34	13 57	1 35	17 43	0 53	21 3	0 30	11 8	2 26	23 37	0 16	3 38	1 34	1 32	15 27	2 12	2 33	14 50	1 16	4 32
M 16	21 28	5 22	2 4	15 38	0 25	13 31	1																	

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	20 37 30	8♌2748	2♃4	3♍52	17♎8	4♏48	25°R52	6♐3	6♑10	12°R46	15♒8	4°D9	5♓31	24♌28	22°R17	
T 2	20 41 26	9°25'13	15°53	4°20	18°18	5°28	25°R45	6°5	6°14	12°Y46	15°8	4♓10	5°28	24°35	22°R16	
F 3	20 45 23	10°22'40	29°50	4°43	19°28	6°8	25°37	6°7	6°17	12°45	15°8	4°10	5°24	24°42	22°14	
S 4	20 49 19	11°20'07	13♌56	5°2	20°37	6°48	25°30	6°10	6°20	12°45	15°9	4°R11	5°21	24°48	22°12	
S 5	20 53 16	12°17'36	28°9	5°16	21°47	7°28	25°23	6°12	6°23	12°44	15°9	4°10	5°18	24°55	22°10	
M 6	20 57 12	13°15'07	12♏27	5°26	22°56	8°7	25°16	6°15	6°26	12°43	15°9	4°7	5°15	25°2	22°8	
T 7	21 1 9	14°12'39	26°48	5°R30	24°6	8°47	25°9	6°18	6°29	12°43	15°9	4°1	5°12	25°8	22°6	
W 8	21 5 5	15°10'12	11♌6	5°29	25°15	9°27	25°2	6°20	6°32	12°42	15°9	3°55	5°9	25°15	22°4	
T 9	21 9 2	16°7'46	25°18	5°22	26°24	10°6	24°55	6°23	6°35	12°41	15°10	3°47	5°5	25°22	22°2	
F 10	21 12 59	17°5'22	9♏17	5°11	27°34	10°45	24°49	6°26	6°38	12°40	15°10	3°40	5°2	25°29	21°59	
S 11	21 16 55	18°2'59	23°0	4°53	28°43	11°25	24°42	6°29	6°41	12°40	15°10	3°33	4°59	25°35	21°57	
S 12	21 20 52	19°0'37	6♎24	4°30	29°52	12°4	24°35	6°32	6°44	12°39	15°10	3°28	4°56	25°42	21°55	
M13	21 24 48	19°58'16	19°27	4°2	1♏0	12°43	24°29	6°35	6°47	12°38	15°10	3°25	4°53	25°49	21°53	
T 14	21 28 45	20°55'56	2♌10	3°29	2°9	13°21	24°23	6°39	6°49	12°37	15°10	3°D25	4°49	25°55	21°50	
W15	21 32 41	21°53'37	14°34	2°51	3°18	14°0	24°17	6°42	6°52	12°36	15°R10	3°25	4°46	26°2	21°48	
T 16	21 36 38	22°51'19	26°43	2°9	4°27	14°39	24°11	6°46	6°55	12°35	15°10	3°26	4°43	26°9	21°46	
F 17	21 40 34	23°49'03	8♏42	1°23	5°35	15°17	24°5	6°49	6°58	12°34	15°10	3°28	4°40	26°15	21°43	
S 18	21 44 31	24°46'47	20°34	0°34	6°43	15°56	23°59	6°53	7°1	12°33	15°10	3°R29	4°37	26°22	21°41	
S 19	21 48 28	25°44'33	2♌26	29♏43	7°52	16°34	23°54	6°56	7°3	12°32	15°10	3°29	4°34	26°29	21°39	
M20	21 52 24	26°42'20	14°21	28°50	9°0	17°12	23°48	7°0	7°6	12°31	15°10	3°27	4°30	26°35	21°36	
T 21	21 56 21	27°40'08	26°25	27°57	10°8	17°50	23°43	7°4	7°8	12°30	15°10	3°24	4°27	26°42	21°34	
W22	22 0 17	28°37'57	8♓42	27°5	11°16	18°28	23°38	7°8	7°11	12°29	15°9	3°19	4°24	26°49	21°31	
T 23	22 4 14	29°35'47	21°14	26°15	12°23	19°5	23°33	7°12	7°14	12°28	15°9	3°14	4°21	26°56	21°28	
F 24	22 8 10	0♎33'39	4♌3	25°27	13°31	19°43	23°28	7°16	7°16	12°27	15°9	3°9	4°18	27°2	21°26	
S 25	22 12 7	1°31'32	17°11	24°43	14°39	20°20	23°24	7°20	7°18	12°26	15°9	3°4	4°14	27°9	21°23	
S 26	22 16 3	2°29'27	0♎37	24°5	15°46	20°57	23°19	7°25	7°21	12°25	15°9	3°0	4°11	27°16	21°21	
M27	22 20 0	3°27'23	14°19	23°32	16°53	21°35	23°15	7°29	7°23	12°24	15°8	2°57	4°8	27°22	21°18	
T 28	22 23 57	4°25'20	28°13	23°6	18°0	22°12	23°11	7°33	7°26	12°22	15°8	2°D56	4°5	27°29	21°15	
W29	22 27 53	5°23'20	12♃18	22°47	19°7	22°48	23°7	7°38	7°28	12°21	15°8	2°56	4°2	27°36	21°13	
T 30	22 31 50	6°21'21	26°28	22°35	20°14	23°25	23°3	7°42	7°30	12°20	15°8	2°57	3°59	27°42	21°10	
F 31	22 35 46	7♎19'24	10♌43	22°D32	21♏21	24♏2	22°59	7♎47	7♓32	12°Y19	15♒7	2♓59	3♓55	27♌49	21♎7	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	18n10	1n0	0n11	7n39	2s37	5n59	0n59	20n27	0s40	21s31	0s32	11s19	2n21	23n35	0n16	3n36	1s35	1n29	15s32	1s39	2s11	15s8	1n8	4n34
T 2	17 54	5 17	1s3	7 18	2 50	5 29	0 56	20 35	0 40	21 32	0 32	11 20	2 21	23 34	0 16	3 35	1 35	1 29	15 33	1 39	2 10	15 9	1 8	4 35
F 3	17 39	9 20	2 13	6 58	3 2	4 59	0 53	20 42	0 39	21 34	0 32	11 21	2 21	23 34	0 16	3 35	1 35	1 29	15 33	1 40	2 9	15 10	1 7	4 35
S 4	17 23	12 54	3 17	6 40	3 14	4 29	0 50	20 50	0 38	21 35	0 33	11 22	2 20	23 34	0 16	3 35	1 35	1 29	15 33	1 40	2 8	15 11	1 7	4 35
S 5	17 7 15	43 4	9 6	24 3	25 3	3 59	0 47	20 57	0 37	21 37	0 33	11 24	2 20	23 34	0 16	3 35	1 35	1 29	15 33	1 39	2 6	15 12	1 6	4 35
M 6	16 51	17 35	4 46	6 10	3 37	3 29	0 44	21 5	0 36	21 38	0 33	11 25	2 20	23 34	0 16	3 34	1 35	1 28	15 34	1 38	2 5	15 13	1 5	4 35
T 7	16 35	18 20	5 5	5 58	3 48	2 58	0 41	21 12	0 35	21 39	0 33	11 26	2 20	23 34	0 16	3 34	1 35	1 28	15 34	1 36	2 4	15 14	1 5	4 35
W 8	16 18	17 56	5 5	5 49	3 58	2 28	0 37	21 19	0 35	21 41	0 33	11 27	2 19	23 34	0 16	3 34	1 35	1 28	15 34	1 33	2 3	15 15	1 4	4 35
T 9	16 1	16 24	4 46	5 42	4 8	1 57	0 34	21 25	0 34	21 42	0 33	11 28	2 19	23 34	0 16	3 33	1 35	1 28	15 35	1 30	2 1	15 16	1 3	4 35
F 10	15 43	13 55	4 10	5 38	4 16	1 26	0 30	21 32	0 33	21 43	0 33	11 29	2 19	23 33	0 16	3 33	1 35	1 27	15 35	1 27	2 0	15 17	1 2	4 35
S 11	15 26	10 42	3 21	5 37	4 24	0 56	0 27	21 38	0 32	21 45	0 33	11 30	2 19	23 33	0 16	3 33	1 35	1 27	15 35	1 25	1 59	15 18	1 2	4 35
S 12	15 8	6 59	2 21	5 39	4 31	0 25	0 23	21 44	0 31	21 46	0 33	11 32	2 18	23 33	0 16	3 32	1 35	1 27	15 36	1 23	1 58	15 19	1 1	4 36
M13	14 50	3 2	1 15	5 44	4 37	0s6	0 20	21 50	0 30	21 47	0 33	11 33	2 18	23 33	0 16	3 32	1 35	1 27	15 36	1 22	1 56	15 20	1 0	4 36
T 14	14 32	0s58	0 7	5 52	4 41	0 37	0 16	21 56	0 29	21 48	0 33	11 34	2 18	23 33	0 16	3 31	1 35	1 26	15 36	1 21	1 55	15 21	0 59	4 36
W15	14 13	4 49	1n0	6 3	4 44	1 8	0 12	22 2	0 28	21 49	0 33	11 36	2 18	23 33	0 16	3 31	1 35	1 26	15 36	1 22	1 54	15 22	0 58	4 36
T 16	13 54	8 24	2 3	6 16	4 45	1 38	0 8	22 7	0 27	21 50	0 34	11 37	2 17	23 33	0 16	3 31	1 35	1 26	15 37	1 22	1 53	15 23	0 57	4 36
F 17	13 35	11 34	3 0	6 33	4 45	2 9	0 4	22 12	0 26	21 52	0 34	11 38	2 17	23 33	0 16	3 30	1 36	1 25	15 37	1 23	1 51	15 24	0 57	4 36
S 18	13 16	14 14	3 49	6 52	4 42	2 40	0 0	22 17	0 25	21 53	0 34	11 40	2 17	23 32	0 16	3 30	1 36	1 25	15 37	1 23	1 50	15 25	0 56	4 36
S 19	12 57	16 18	4 27	7 14	4 38	3 11	0s4	22 22	0 24	21 54	0 34	11 41	2 17	23 32	0 16	3 29	1 36	1 25	15 38	1 23	1 49	15 26	0 55	4 36
M20	12 37	17 40	4 55	7 38	4 32	3 41	0 8	22 27	0 23	21 55	0 34	11 43	2 16	23 32	0 16	3 29	1 36	1 25	15 38	1 22	1 48	15 27	0 54	4 36
T 21	12 17	18 15	5 9	8 4	4 24	4 12	0 12	22 31	0 22	21 56	0 34	11 44	2 16	23 32	0 16	3 29	1 36	1 24	15 38	1 21	1 46	15 28	0 53	4 36
W22	11 57	18 1	5 10	8 31	4 14	4 42	0 16	22 36	0 21	21 57	0 34	11 46	2 16	23 32	0 16	3 28	1 36	1 24	15 39	1 19	1 45	15 29	0 52	4 36
T 23	11 37	16 54	4 56	8 59	4 2	5 13	0 21	22 40	0 20	21 57	0 34	11 47	2 16	23 32	0 16	3 28	1 36	1 24	15 39	1 17	1 44	15 30	0 51	4 36
F 24	11 17	14 55	4 28	9 27	3 49	5 43	0 25	22 44	0 19	21 58	0 34	11 49	2 15	23 32	0 16	3 27	1 36	1 23	15 39	1 15	1 42	15 31	0 50	4 36
S 25	10 56	12 8	3 44	9 55	3 34	6 14	0 29	22 48	0 18	21 59	0 34	11 50	2 15	23 32	0 16	3 27	1 36	1 23	15 39	1 13	1 41	15 32	0 49	4 36
S 26	10 36	8 39	2 48	10 23	3 18	6 44	0 34	22 51	0 17	22 0	0 34	11 52	2 15	23 31	0 17	3 26	1 36	1 23	15 40	1 11	1 40	15 33	0 48	4 36
M27	10 15	4 38	1 40	10 50	3 1	7 14	0 38	22 55	0 16	22 1	0 34	11 53	2 15	23 31	0 17	3 26	1 36	1 22	15 40	1 10	1 39	15 34	0 47	4 36
T 28	9 54	0 19	0 26	11 15	2 44	7 44	0 43	22 58	0 15	22 2	0 34	11 55	2 15	23 31	0 17	3 25	1 36	1 22	15 40	1 10	1 37	15 35	0 46	4 36
W29	9 32	4n5	0s51	11 38	2 25	8 13	0 47	23 1	0 14	22 3	0 34	11 57	2 14	23 31	0 17	3 25	1 36	1 22	15 41</					

SWISS EPHEMERIS for the year 1866

SEPTEMBER 1866

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	22 39 43	8 ^m 17'29"	24 ^h 58'	22 ^h 03'	22 ^h 27'	24 ^h 38'	22 ^h R56	7 ^m 52'	7 ^h 35'	12 ^h R17	15 ^h R 7	3 ^h 0	3 ^h 52'	27 ^m 56'	21 ^h R 5	
S 2	22 43 39	9°15'36"	9 ^h 11'	22°52'	23°34'	25°14'	22 ^h 52'	7°56'	7°37'	12 ^h Y16	15 ^h 8 7	3°R 0	3°49'	28° 2'	21 ^h 8 2	
M 3	22 47 36	10°13'45"	23°20'	23°14'	24°40'	25°50'	22°49'	8° 1'	7°39'	12°15'	15° 6'	3° 0'	3°46'	28° 9'	20°59'	
T 4	22 51 32	11°11'57"	7 ^h 23'	23°45'	25°46'	26°26'	22°46'	8° 6'	7°41'	12°13'	15° 6'	2°58'	3°43'	28°16'	20°56'	
W 5	22 55 29	12°10'10"	21°18'	24°25'	26°52'	27° 2'	22°44'	8°11'	7°43'	12°12'	15° 5'	2°56'	3°40'	28°23'	20°54'	
T 6	22 59 25	13° 8'25"	5 ^h 02'	25°12'	27°58'	27°38'	22°41'	8°16'	7°45'	12°10'	15° 5'	2°53'	3°36'	28°29'	20°51'	
F 7	23 3 22	14° 6'42"	18°35'	26° 8'	29° 3'	28°13'	22°39'	8°21'	7°47'	12° 9'	15° 5'	2°50'	3°33'	28°36'	20°48'	
S 8	23 7 19	15° 5'01"	1 ^h 53'	27°10'	0 ^m 9'	28°48'	22°37'	8°26'	7°49'	12° 8'	15° 4'	2°48'	3°30'	28°43'	20°45'	
S 9	23 11 15	16° 3'22"	14°56'	28°19'	1°14'	29°24'	22°35'	8°32'	7°50'	12° 6'	15° 4'	2°46'	3°27'	28°49'	20°42'	
M10	23 15 12	17° 1'45"	27°44'	29°35'	2°19'	29°58'	22°33'	8°37'	7°52'	12° 5'	15° 3'	2°D46	3°24'	28°56'	20°40'	
T 11	23 19 8	18° 0'09"	10 ^h 16'	0 ^m 56'	3°24'	0 ^h 33'	22°31'	8°42'	7°54'	12° 3'	15° 3'	2°46'	3°20'	29° 3'	20°37'	
W12	23 23 5	18°58'35"	22°34'	2°23'	4°29'	1° 8'	22°30'	8°48'	7°56'	12° 2'	15° 2'	2°47'	3°17'	29° 9'	20°34'	
T 13	23 27 1	19°57'03"	4 ^m 40'	3°54'	5°33'	1°42'	22°29'	8°53'	7°57'	12° 0'	15° 1'	2°48'	3°14'	29°16'	20°31'	
F 14	23 30 58	20°55'33"	16°38'	5°30'	6°38'	2°16'	22°28'	8°59'	7°59'	11°59'	15° 1'	2°49'	3°11'	29°23'	20°28'	
S 15	23 34 54	21°54'04"	28°30'	7° 8'	7°42'	2°50'	22°27'	9° 4'	8° 0'	11°57'	15° 0'	2°50'	3° 8'	29°30'	20°26'	
S 16	23 38 51	22°52'37"	10 ^h 21'	8°50'	8°45'	3°24'	22°26'	9°10'	8° 2'	11°56'	15° 0'	2°51'	3° 5'	29°36'	20°23'	
M17	23 42 48	23°51'12"	22°16'	10°34'	9°49'	3°58'	22°26'	9°16'	8° 3'	11°54'	14°59'	2°R51	3° 1'	29°43'	20°20'	
T 18	23 46 44	24°49'48"	4 ^h 39'	12°20'	10°52'	4°31'	22°25'	9°22'	8° 5'	11°52'	14°58'	2°51'	2°58'	29°50'	20°17'	
W19	23 50 41	25°48'26"	16°35'	14° 8'	11°55'	5° 4'	22°D25	9°27'	8° 6'	11°51'	14°58'	2°50'	2°55'	29°56'	20°14'	
T 20	23 54 37	26°47'06"	29° 8'	15°57'	12°58'	5°37'	22°26'	9°33'	8° 7'	11°49'	14°57'	2°50'	2°52'	0 ^h 3 3'	20°12'	
F 21	23 58 34	27°45'47"	12 ^h 21'	17°46'	14° 1'	6°10'	22°26'	9°39'	8° 9'	11°48'	14°56'	2°49'	2°49'	0°10'	20° 9'	
S 22	0 2 30	28°44'30"	25°16'	19°36'	15° 3'	6°43'	22°26'	9°45'	8°10'	11°46'	14°56'	2°48'	2°46'	0°16'	20° 6'	
S 23	0 6 27	29°43'15"	8 ^h 55'	21°27'	16° 5'	7°15'	22°27'	9°51'	8°11'	11°44'	14°55'	2°48'	2°42'	0°23'	20° 3'	
M24	0 10 23	0 ^h 42'02"	22°55'	23°17'	17° 7'	7°47'	22°28'	9°57'	8°12'	11°43'	14°54'	2°48'	2°39'	0°30'	20° 1'	
T 25	0 14 20	1°40'51"	7 ^h Y13'	25° 7'	18° 8'	8°19'	22°29'	10° 3'	8°13'	11°41'	14°53'	2°D48	2°36'	0°37'	19°58'	
W26	0 18 17	2°39'41"	21°44'	26°57'	19° 9'	8°51'	22°30'	10° 9'	8°14'	11°40'	14°53'	2°R48	2°33'	0°43'	19°55'	
T 27	0 22 13	3°38'34"	6 ^h 23'	28°47'	20°10'	9°23'	22°32'	10°16'	8°15'	11°38'	14°52'	2°48'	2°30'	0°50'	19°52'	
F 28	0 26 10	4°37'29"	21° 3'	0 ^h 36'	21°11'	9°54'	22°34'	10°22'	8°16'	11°36'	14°51'	2°48'	2°26'	0°57'	19°50'	
S 29	0 30 6	5°36'27"	5 ^h 38'	2°25'	22°11'	10°25'	22°36'	10°28'	8°17'	11°35'	14°50'	2°48'	2°23'	1° 3'	19°47'	
S 30	0 34 3	6 ^h 35'27"	20 ^h 2'	4 ^h 12'	23 ^m 11'	10°56'	22 ^h 38'	10 ^m 35'	8 ^h 18'	11 ^h Y33'	14 ^h 8'49'	2 ^h 47'	2 ^h 20'	1 ^h 10'	19 ^h 44'	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
S 1	8n28	15n 0	4s 8	12n34	1s29	9s41	1s 1	23n10	0s11	22s 4	0s34	12s 2	2n14	23n31	0n17	3n23	1s36	1n20	15s41	1s12	1s32	15s39	0n42	4n36
S 2	8 6 17	6 4 48	12 47	1 11 10	11 1 6	23 12	0 10 22	5 0 35	12 4	2 14 23	31 0 17	3 22	1 36	1 20 15	42 1 12	1 31 15	40 0 41	4 36						
M 3	7 44 18	7 5 10	12 57	0 53 10	39 1 11	23 15	0 9 22	5 0 35	12 5	2 13 23	31 0 17	3 22	1 36	1 20 15	42 1 12	1 30 15	41 0 40	4 36						
T 4	7 22 18	2 5 14	13 3	0 35 11	8 1 15	23 17	0 8 22	6 0 35	12 7	2 13 23	31 0 17	3 21	1 36	1 19 15	42 1 11	1 29 15	42 0 38	4 36						
W 5	7 0 16	5 1 4	59 13	6 0 19	11 36 1 20	23 19	0 6 22	6 0 35	12 9	2 13 23	30 0 17	3 21	1 36	1 19 15	42 1 10	1 27 15	43 0 37	4 36						
T 6	6 38 14	4 2 7	13 5	0 3 12	5 1 25	23 21	0 5 22	7 0 35	12 11	2 13 23	30 0 17	3 20	1 36	1 19 15	43 1 9	1 26 15	43 0 36	4 36						
F 7	6 15 11	4 6 3	40 13	1 0n12	12 33 1 30	23 22	0 4 22	7 0 35	12 12	2 13 23	30 0 17	3 20	1 36	1 18 15	43 1 8	1 25 15	44 0 35	4 36						
S 8	5 53 8	1 7 2	42 12	53 0 26	13 0 1 35	23 24	0 3 22	8 0 35	12 14	2 12 23	30 0 17	3 19	1 36	1 18 15	43 1 7	1 24 15	45 0 34	4 36						
S 9	5 30 4	2 7 1	37 12	41 0 39	13 28 1 39	23 25	0 2 22	8 0 35	12 16	2 12 23	30 0 17	3 18	1 36	1 18 15	44 1 6	1 22 15	46 0 33	4 36						
M10	5 8 0	2 9 0	28 12	26 0 51	13 55 1 44	23 27	0 1 22	8 0 35	12 18	2 12 23	30 0 17	3 18	1 36	1 17 15	44 1 6	1 21 15	47 0 32	4 36						
T 11	4 45 3	26 0n41	12 7	1 2 14	22 1 49	23 28	0n 1 22	9 0 35	12 20	2 12 23	30 0 17	3 17	1 36	1 17 15	44 1 6	1 20 15	48 0 31	4 36						
W12	4 22 7	7 1 4	7 11	45 1 12	14 49 1 54	23 29	0 2 22	9 0 35	12 22	2 12 23	30 0 17	3 17	1 36	1 16 15	44 1 6	1 18 15	49 0 29	4 36						
T 13	3 59 10	2 7 2	48 11	20 15 15	1 59 23	30 0 3 22	9 0 35	12 24	2 11 23	30 0 17	3 16	1 37	1 16 15	45 1 7	1 17 15	50 0 28	4 36							
F 14	3 36 13	18 3 40	10 52	1 28 15	41 2 4	23 30	0 4 22	9 0 35	12 26	2 11 23	30 0 17	3 15	1 37	1 16 15	45 1 7	1 16 15	51 0 27	4 36						
S 15	3 13 15	34 4 22	10 21	1 34 16	7 2 9	23 31	0 6 22	9 0 35	12 28	2 11 23	30 0 17	3 15	1 37	1 15 15	45 1 8	1 15 15	52 0 26	4 36						
S 16	2 50 17	11 4 5	3 9 48	1 39 16	32 2 14	23 31	0 7 22	10 0 35	12 29	2 11 23	30 0 17	3 14	1 37	1 15 15	45 1 8	1 13 15	53 0 25	4 36						
M17	2 27 18	2 5 12	9 12	1 43 16	57 2 19	23 32	0 8 22	10 0 35	12 31	2 11 23	30 0 17	3 14	1 37	1 14 15	46 1 8	1 12 15	54 0 24	4 36						
T 18	2 3 18	6 5 17	8 35	1 47 17	22 2 23	23 32	0 9 22	10 0 35	12 33	2 11 23	29 0 17	3 13	1 37	1 14 15	46 1 8	1 11 15	55 0 22	4 36						
W19	1 40 17	20 5 8	7 55	1 49 17	46 2 28	23 32	0 11 22	10 0 35	12 35	2 10 23	29 0 17	3 12	1 37	1 14 15	46 1 8	1 10 15	56 0 21	4 35						
T 20	1 17 15	42 4 44	7 14	1 50 18	10 2 33	23 32	0 12 22	10 0 35	12 37	2 10 23	29 0 17	3 12	1 37	1 13 15	46 1 7	1 8 15	56 0 20	4 35						
F 21	0 53 13	16 4 6	6 32	1 51 18	34 2 38	23 32	0 13 22	10 0 35	12 39	2 10 23	29 0 17	3 11	1 37	1 13 15	46 1 7	1 7 15	57 0 19	4 35						
S 22	0 30 10	4 3 14	5 49	1 51 18	57 2 43	23 32	0 15 22	10 0 35	12 41	2 10 23	29 0 17	3 10	1 37	1 12 15	47 1 7	1 6 15	58 0 18	4 35						
S 23	0 7 6	15 2 9	5 5	1 50 19	20 2 48	23 31	0 16 22	9 0 35	12 43	2 10 23	29 0 17	3 10	1 37	1 12 15	47 1 7	1 5 15	59 0 16	4 35						
M24	0s17	1 59 0	55 4 20	1 48 19	43 2 52	23 31	0 17 22	9 0 35	12 46	2 10 23	29 0 17	3 9	1 37	1 12 15	47 1 7	1 3 16	0 15	4 35						
T 25	0 40 2n29	0s24	3 34	1 46 20	5 2 57	23 30	0 19 22	9 0 35	12 48	2 9 23	29 0 17	3 8	1 37	1 11 15	47 1 7	1 2 16	1 0 14	4 35						
W26	1 4 6	53 1 43	2 48	1 44 20	26 3 2	23 30	0 20 22	9 0 35	12 50	2 9 23	29 0 17	3 8	1 37	1 11 15	47 1 7	1 1 16	2 0 13	4 35						
T 27	1 27 10	53 2 56	2 1	1 41 20	47 3 7	23 29	0 22 22	9 0 35	12 52	2 9 23	29 0 17	3 7	1 37	1 10 15	48 1 7	1 0 16	3 0 12	4 35						
F 28	1 50 14	13 3 57	1 15	1 37 21	8 3 11	23 28	0 23 22	8 0 35	12 54	2 9 23	29 0 17	3 6	1 37	1 10 15	48 1 7	0 58 16	4 0 11	4 34						
S 29	2 14 16	37 4 43	0 28	1 33 21	29 3 16	23 27	0 24 22	8 0 35	12 56	2 9 23	29 0 17	3 6	1 37	1 10 15	48 1 7	0 57 16	5 0 9	4 34						
S 30	2s37	17n56	5s10	0s19	1n29	21s48	3s20	23n26	0n26	22s 8	0s35	12s58	2n 9	23n29	0n17	3n 5	1s37	1n 9	15s48	1s 7	0s56	16s 5	0n 8	4n34

Julian Day Number = 2402845.5, Delta T = 4.43 sec
 Ecliptic obliquity = 23°27'15", Nutation = 0°00'02"
 Ayanamsha: Fagan/Bradley = 22°52'42", Lahiri = 21°59'42"

SWISS EPHEMERIS for the year 1866

NOVEMBER 1866

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
T 1	2 40 12	8♑21'27	25♌24	25♍33	20♊12	24♉42	25♎19	14♍14	8°R15	10°R42	14°R17	2♄19	0♄38	4♌45	18°R35
F 2	2 44 9	9°21'33	8♏19	26°59	20°48	25° 1	25°27	14°21	8♄14	10°Y40	14♌16	2°21	0°35	4°51	18♋33
S 3	2 48 6	10°21'42	20°56	28°25	21°24	25°20	25°34	14°29	8°13	10°39	14°15	2°22	0°32	4°58	18°32
S 4	2 52 2	11°21'53	3♌20	29°50	21°57	25°39	25°42	14°36	8°12	10°37	14°13	2°R23	0°29	5° 5	18°30
M 5	2 55 59	12°22'05	15°34	1♌14	22°30	25°57	25°51	14°43	8°11	10°36	14°12	2°22	0°26	5°11	18°29
T 6	2 59 55	13°22'20	27°39	2°37	23° 1	26°14	25°59	14°50	8°10	10°35	14°11	2°19	0°22	5°18	18°28
W 7	3 3 52	14°22'36	9♍38	4° 0	23°30	26°31	26° 7	14°57	8° 9	10°33	14°10	2°14	0°19	5°25	18°26
T 8	3 7 48	15°22'55	21°33	5°21	23°58	26°48	26°16	15° 5	8° 8	10°32	14° 9	2° 7	0°16	5°32	18°25
F 9	3 11 45	16°23'15	3♌25	6°42	24°24	27° 4	26°25	15°12	8° 6	10°31	14° 8	1°58	0°13	5°38	18°24
S 10	3 15 41	17°23'36	15°16	8° 1	24°49	27°19	26°34	15°19	8° 5	10°29	14° 7	1°49	0°10	5°45	18°23
S 11	3 19 38	18°24'00	27° 7	9°19	25°12	27°34	26°43	15°26	8° 4	10°28	14° 6	1°40	0° 7	5°52	18°22
M12	3 23 34	19°24'24	9♎2	10°36	25°33	27°48	26°52	15°33	8° 2	10°27	14° 4	1°32	0° 3	5°58	18°21
T13	3 27 31	20°24'51	21° 2	11°51	25°52	28° 2	27° 1	15°41	8° 1	10°26	14° 3	1°26	0° 0	6° 5	18°20
W14	3 31 28	21°25'18	3♌12	13° 4	26° 9	28°15	27°10	15°48	7°59	10°25	14° 2	1°22	29♏57	6°12	18°19
T15	3 35 24	22°25'47	15°36	14°16	26°24	28°27	27°20	15°55	7°58	10°23	14° 1	1°20	29°54	6°19	18°18
F16	3 39 21	23°26'17	28°17	15°25	26°37	28°39	27°29	16° 2	7°56	10°22	14° 0	1°D19	29°51	6°25	18°17
S17	3 43 17	24°26'49	11♋22	16°31	26°48	28°50	27°39	16° 9	7°54	10°21	13°59	1°20	29°48	6°32	18°16
S18	3 47 14	25°27'21	24°52	17°35	26°56	29° 1	27°49	16°16	7°53	10°20	13°58	1°R21	29°44	6°39	18°16
M19	3 51 10	26°27'55	8♏51	18°35	27° 2	29°11	27°59	16°23	7°51	10°19	13°57	1°21	29°41	6°45	18°15
T20	3 55 7	27°28'30	23°18	19°32	27° 6	29°20	28° 9	16°31	7°49	10°18	13°56	1°19	29°38	6°52	18°15
W21	3 59 3	28°29'07	8♌11	20°24	27°R 8	29°29	28°19	16°38	7°48	10°17	13°54	1°15	29°35	6°59	18°14
T22	4 3 0	29°29'44	23°23	21°11	27° 7	29°37	28°30	16°45	7°46	10°16	13°53	1° 8	29°32	7° 6	18°14
F23	4 6 57	0♌30'24	8♏44	21°53	27° 4	29°44	28°40	16°52	7°44	10°15	13°52	0°59	29°28	7°12	18°13
S24	4 10 53	1°31'04	24° 2	22°29	26°58	29°50	28°51	16°59	7°42	10°14	13°51	0°50	29°25	7°19	18°13
S25	4 14 50	2°31'46	9♄6	22°58	26°50	29°56	29° 1	17° 6	7°40	10°13	13°50	0°41	29°22	7°26	18°13
M26	4 18 46	3°32'30	23°48	23°20	26°39	0♌1	29°12	17°13	7°38	10°13	13°49	0°33	29°19	7°32	18°12
T27	4 22 43	4°33'15	8♌2	23°33	26°26	0° 5	29°23	17°20	7°36	10°12	13°48	0°28	29°16	7°39	18°12
W28	4 26 39	5°34'02	21°46	23°R36	26°10	0° 9	29°34	17°27	7°34	10°11	13°47	0°25	29°13	7°46	18°12
T29	4 30 36	6°34'50	5♏2	23°30	25°52	0°12	29°45	17°34	7°32	10°10	13°46	0°D24	29° 9	7°53	18°D12
F30	4 34 33	7♌35'39	17♏54	23♌13	25♌32	0♌14	29♎56	17♍41	7♄30	10°Y 9	13♌45	0♄24	29♏6	7♌59	18♋12

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	14s18	10n 6	3s 8	20s58	1s52	27s56	4s51	22n32	1n21	21s40	0s35	14s 7	2n 6	23n30	0n18	2n45	1s37	0n57	15s51	0s55	0s15	16s33	0s25	4n27
F 2	14 37	6 29	2 7	21 23	1 57	27 58	4 51	22 31	1 24	21 38	0 35	14 9	2 6	23 30	0 18	2 45	1 37	0 57	15 51	0 56	0 14	16 33	0 26	4 27
S 3	14 56	2 39	1 2	21 48	2 2	28 0	4 51	22 29	1 26	21 37	0 35	14 11	2 6	23 30	0 18	2 44	1 37	0 57	15 51	0 57	0 13	16 34	0 27	4 27
S 4	15 15	1s15	0n 5	22 11	2 7	28 2	4 50	22 28	1 28	21 35	0 35	14 14	2 6	23 30	0 18	2 44	1 37	0 56	15 51	0 57	0 11	16 35	0 28	4 27
M 5	15 33	5 2	1 11	22 33	2 11	28 3	4 49	22 27	1 30	21 34	0 35	14 16	2 6	23 30	0 18	2 43	1 37	0 56	15 51	0 56	0 10	16 36	0 28	4 26
T 6	15 52	8 35	2 13	22 54	2 15	28 4	4 48	22 25	1 32	21 32	0 35	14 18	2 6	23 30	0 18	2 43	1 37	0 56	15 51	0 55	0 9	16 37	0 29	4 26
W 7	16 10	11 44	3 8	23 14	2 19	28 4	4 46	22 24	1 34	21 31	0 35	14 20	2 6	23 30	0 18	2 42	1 36	0 55	15 51	0 53	0 8	16 37	0 30	4 26
T 8	16 27	14 23	3 54	23 33	2 23	28 3	4 45	22 23	1 37	21 29	0 35	14 22	2 6	23 30	0 18	2 42	1 36	0 55	15 51	0 50	0 6	16 38	0 31	4 25
F 9	16 45	16 25	4 30	23 50	2 26	28 2	4 42	22 22	1 39	21 27	0 35	14 24	2 6	23 31	0 18	2 41	1 36	0 55	15 51	0 47	0 5	16 39	0 31	4 25
S 10	17 2	17 45	4 55	24 7	2 29	28 1	4 40	22 22	1 41	21 26	0 35	14 26	2 5	23 31	0 18	2 41	1 36	0 55	15 51	0 43	0 4	16 40	0 32	4 25
S 11	17 19	18 19	5 6	24 21	2 32	27 59	4 37	22 21	1 43	21 24	0 35	14 28	2 5	23 31	0 18	2 40	1 36	0 54	15 51	0 40	0 3	16 40	0 33	4 25
M12	17 35	18 5	5 5	24 35	2 34	27 56	4 34	22 20	1 46	21 22	0 35	14 30	2 5	23 31	0 18	2 40	1 36	0 54	15 51	0 37	0 1	16 41	0 33	4 24
T13	17 52	17 2	4 50	24 47	2 35	27 53	4 30	22 20	1 48	21 20	0 35	14 32	2 5	23 31	0 18	2 39	1 36	0 54	15 51	0 34	0 0	16 42	0 34	4 24
W14	18 8	15 13	4 21	24 58	2 36	27 50	4 26	22 20	1 50	21 19	0 35	14 35	2 5	23 31	0 18	2 39	1 36	0 54	15 51	0 32	0n 1	16 43	0 35	4 24
T15	18 23	12 39	3 41	25 7	2 37	27 46	4 21	22 19	1 53	21 17	0 35	14 37	2 5	23 31	0 18	2 38	1 36	0 53	15 51	0 32	0 2	16 44	0 35	4 23
F16	18 39	9 27	2 48	25 15	2 37	27 41	4 16	22 19	1 55	21 15	0 35	14 39	2 5	23 31	0 18	2 38	1 36	0 53	15 51	0 32	0 4	16 44	0 36	4 23
S17	18 54	5 41	1 45	25 22	2 36	27 36	4 11	22 20	1 58	21 13	0 35	14 41	2 5	23 31	0 18	2 38	1 36	0 53	15 51	0 32	0 5	16 45	0 36	4 23
S18	19 8	1 31	0 35	25 26	2 35	27 30	4 5	22 20	2 0	21 11	0 35	14 43	2 5	23 32	0 18	2 37	1 36	0 53	15 51	0 32	0 6	16 46	0 37	4 23
M19	19 23	2n54	0s40	25 30	2 32	27 24	3 59	22 20	2 3	21 9	0 35	14 45	2 5	23 32	0 18	2 37	1 36	0 52	15 51	0 32	0 7	16 47	0 37	4 22
T20	19 37	7 17	1 55	25 31	2 29	27 17	3 52	22 21	2 5	21 7	0 35	14 47	2 5	23 32	0 19	2 37	1 36	0 52	15 51	0 32	0 9	16 47	0 38	4 22
W21	19 50	11 21	3 4	25 31	2 26	27 10	3 44	22 21	2 8	21 5	0 35	14 49	2 5	23 32	0 19	2 36	1 36	0 52	15 50	0 30	0 10	16 48	0 38	4 22
T22	20 3	14 44	4 1	25 30	2 21	27 2	3 36	22 22	2 10	21 3	0 35	14 51	2 5	23 32	0 19	2 36	1 36	0 52	15 50	0 27	0 11	16 49	0 39	4 21
F23	20 16	17 8	4 42	25 27	2 15	26 53	3 28	22 23	2 13	21 1	0 35	14 53	2 5	23 32	0 19	2 35	1 36	0 52	15 50	0 24	0 13	16 50	0 39	4 21
S24	20 29	18 18	5 2	25 22	2 8	26 44	3 19	22 24	2 16	20 59	0 35	14 55	2 6	23 32	0 19	2 35	1 36	0 51	15 50	0 20	0 14	16 50	0 40	4 21
S25	20 41	18 8	5 1	25 15	1 59	26 34	3 9	22 26	2 18	20 56	0 35	14 57	2 6	23 33	0 19	2 35	1 36	0 51	15 50	0 16	0 15	16 51	0 40	4 20
M26	20 52	16 46	4 40	25 6	1 49	26 24	2 59	22 27	2 21	20 54	0 35	14 59	2 6	23 33	0 19	2 35	1 36	0 51	15 50	0 13	0 16	16 52	0 40	4 20
T27	21 4	14 23	4 2	24 56	1 38	26 12	2 48	22 29	2 24	20 52	0 35	15 0	2 6	23 33	0 19	2 34	1 36	0 51	15 50	0 11	0 18	16 53	0 41	4 20
W28	21 15	11 15	3 11	24 44	1 26	26 1	2 37	22 31	2 26	20 50	0 35	15 2	2 6	23 33	0 19	2 34	1 36	0 51	15 50	0 10	0 19	16 53	0 41	4 19
T29	21 25	7 38	2 11	24 30	1 12	25 48	2 25	22 33	2 29	20 47	0 35	15 4	2 6	23 33	0 19	2 34	1 36	0 51	15 49	0 9	0 20	16 54	0 41	4 19
F30	21s35	3n46	1s 6	24s13	0s57																			

SWISS EPHEMERIS for the year 1866

DECEMBER 1866

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	4 38 29	8♂36'30	0♂24	22°R45	25°R 9	0♂15	0♂ 7	17♂48	7°R28	10°R 9	13°R44	0°R24	29♂ 3	8♂ 6	18♂12
S 2	4 42 26	9°37'23	12°40	22♂ 6	24♂45	0°R15	0°19	17°55	7♂25	10♂ 8	13♂43	0♂24	29° 0	8°13	18°12
M 3	4 46 22	10°38'17	24°44	21°16	24°18	0°15	0°30	18° 1	7°23	10° 7	13°42	0°21	28°57	8°19	18°12
T 4	4 50 19	11°39'12	6♂40	20°16	23°50	0°13	0°42	18° 8	7°21	10° 7	13°41	0°15	28°54	8°26	18°13
W 5	4 54 15	12°40'08	18°33	19° 7	23°19	0°11	0°53	18°15	7°19	10° 6	13°40	0° 7	28°50	8°33	18°13
T 6	4 58 12	13°41'05	0♂24	17°51	22°48	0° 8	1° 5	18°22	7°16	10° 6	13°39	29♂55	28°47	8°40	18°13
F 7	5 2 8	14°42'04	12°15	16°30	22°15	0° 4	1°17	18°29	7°14	10° 5	13°38	29°42	28°44	8°46	18°14
S 8	5 6 5	15°43'03	24° 8	15° 7	21°40	29♂59	1°29	18°35	7°12	10° 5	13°37	29°27	28°41	8°53	18°14
S 9	5 10 2	16°44'03	6♂ 4	13°45	21° 5	29°54	1°41	18°42	7° 9	10° 4	13°36	29°13	28°38	9° 0	18°15
M10	5 13 58	17°45'05	18° 4	12°26	20°29	29°48	1°53	18°49	7° 7	10° 4	13°35	28°59	28°34	9° 6	18°15
T 11	5 17 55	18°46'06	0♂10	11°14	19°53	29°41	2° 5	18°55	7° 5	10° 3	13°34	28°48	28°31	9°13	18°16
W12	5 21 51	19°47'09	12°24	10° 9	19°17	29°33	2°17	19° 2	7° 2	10° 3	13°34	28°40	28°28	9°20	18°17
T 13	5 25 48	20°48'12	24°49	9°14	18°40	29°24	2°29	19° 8	7° 0	10° 3	13°33	28°35	28°25	9°27	18°17
F 14	5 29 44	21°49'15	7♂29	8°29	18° 4	29°14	2°42	19°15	6°57	10° 2	13°32	28°33	28°22	9°33	18°18
S 15	5 33 41	22°50'19	20°27	7°56	17°29	29° 3	2°54	19°21	6°55	10° 2	13°31	28°32	28°19	9°40	18°19
S 16	5 37 37	23°51'23	3♂47	7°33	16°54	28°52	3° 7	19°27	6°52	10° 2	13°30	28°32	28°15	9°47	18°20
M17	5 41 34	24°52'27	17°33	7°21	16°20	28°40	3°19	19°34	6°50	10° 2	13°29	28°32	28°12	9°53	18°21
T 18	5 45 31	25°53'32	1♂46	7°D20	15°48	28°27	3°32	19°40	6°47	10° 2	13°29	28°29	28° 9	10° 0	18°22
W19	5 49 27	26°54'37	16°25	7°28	15°17	28°13	3°45	19°46	6°45	10° 2	13°28	28°23	28° 6	10° 7	18°23
T 20	5 53 24	27°55'43	1♂27	7°45	14°48	27°59	3°58	19°52	6°42	10° 2	13°27	28°15	28° 3	10°14	18°24
F 21	5 57 20	28°56'48	16°42	8°10	14°21	27°43	4°10	19°59	6°40	10°D 2	13°26	28° 4	28° 0	10°20	18°26
S 22	6 1 17	29°57'55	2♂ 0	8°42	13°55	27°27	4°23	20° 5	6°37	10° 2	13°26	27°53	27°56	10°27	18°27
S 23	6 5 13	0♂59'01	17°10	9°21	13°32	27°10	4°36	20°11	6°34	10° 2	13°25	27°41	27°53	10°34	18°28
M24	6 9 10	2° 0'08	2♂ 2	10° 6	13°11	26°53	4°49	20°17	6°32	10° 2	13°24	27°31	27°50	10°40	18°29
T 25	6 13 6	3° 1'16	16°27	10°55	12°52	26°35	5° 3	20°23	6°29	10° 2	13°23	27°23	27°47	10°47	18°31
W26	6 17 3	4° 2'24	0♂22	11°49	12°36	26°16	5°16	20°29	6°27	10° 2	13°23	27°19	27°44	10°54	18°32
T 27	6 21 0	5° 3'32	13°47	12°47	12°22	25°57	5°29	20°34	6°24	10° 2	13°22	27°17	27°40	11° 1	18°34
F 28	6 24 56	6° 4'41	26°44	13°49	12°11	25°36	5°42	20°40	6°21	10° 2	13°21	27°D16	27°37	11° 7	18°35
S 29	6 28 53	7° 5'50	9♂17	14°54	12° 2	25°16	5°56	20°46	6°19	10° 2	13°21	27°R16	27°34	11°14	18°37
S 30	6 32 49	8° 7'00	21°32	16° 2	11°56	24°55	6° 9	20°52	6°16	10° 3	13°20	27°15	27°31	11°21	18°39
M31	6 36 46	9♂ 8'10	3♂34	17♂12	11♂52	24♂33	6♂22	20♂57	6♂14	10♂ 3	13♂20	27♂13	27♂28	11♂27	18♂40

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	21s45	0s10	0n 0	23s55	0s40	25s22	2s 0	22n38	2n35	20s43	0s35	15s 8	2n 6	23n33	0n19	2n33	1s36	0n50	15s49	0s10	0n23	16s55	0s42	4n19
S 2	21 54	4 1	1 5	23 35	0 22	25 7	1 47	22 40	2 37	20 40	0 35	15 10	2 6	23 33	0 19	2 33	1 36	0 50	15 49	0 9	0 24	16 56	0 42	4 18
M 3	22 3	7 38	2 5	23 13	0 3	24 53	1 33	22 43	2 40	20 38	0 35	15 12	2 6	23 34	0 19	2 33	1 36	0 50	15 49	0 8	0 25	16 57	0 42	4 18
T 4	22 12	10 55	3 0	22 49	0n17	24 37	1 19	22 46	2 43	20 35	0 35	15 14	2 6	23 34	0 19	2 33	1 36	0 50	15 49	0 6	0 26	16 58	0 43	4 18
W 5	22 20	13 44	3 46	22 23	0 38	24 21	1 4	22 49	2 46	20 33	0 35	15 15	2 6	23 34	0 19	2 32	1 35	0 50	15 48	0 3	0 28	16 58	0 43	4 17
T 6	22 27	15 39	4 22	21 56	0 58	24 5	0 49	22 53	2 49	20 30	0 35	15 17	2 6	23 34	0 19	2 32	1 35	0 50	15 48	0n 2	0 29	16 59	0 43	4 17
F 7	22 35	17 32	4 47	21 29	1 18	23 48	0 34	22 56	2 51	20 28	0 35	15 19	2 6	23 34	0 19	2 32	1 35	0 50	15 48	0 7	0 30	17 0	0 43	4 17
S 8	22 41	18 21	4 59	21 2	1 36	23 30	0 19	23 0	2 54	20 25	0 35	15 21	2 6	23 34	0 19	2 32	1 35	0 50	15 48	0 13	0 32	17 0	0 43	4 16
S 9	22 48	18 21	4 58	20 35	1 54	23 13	0 3	23 4	2 57	20 22	0 35	15 23	2 6	23 34	0 19	2 32	1 35	0 50	15 48	0 19	0 33	17 1	0 43	4 16
M10	22 53	17 33	4 44	20 10	2 9	22 54	0n12	23 8	3 0	20 20	0 35	15 24	2 6	23 35	0 19	2 32	1 35	0 50	15 47	0 24	0 34	17 2	0 43	4 16
T 11	22 59	15 56	4 17	19 47	2 22	22 36	0 28	23 12	3 3	20 17	0 35	15 26	2 6	23 35	0 19	2 32	1 35	0 50	15 47	0 29	0 35	17 3	0 43	4 15
W12	23 4	13 36	3 48	19 27	2 33	22 18	0 44	23 17	3 6	20 14	0 35	15 28	2 6	23 35	0 19	2 31	1 35	0 49	15 47	0 32	0 37	17 3	0 43	4 15
T 13	23 8	10 37	2 48	19 11	2 42	21 59	0 59	23 21	3 8	20 12	0 35	15 29	2 6	23 35	0 19	2 31	1 35	0 49	15 47	0 34	0 38	17 4	0 43	4 15
F 14	23 12	7 5	1 49	18 58	2 48	21 41	1 14	23 26	3 11	20 9	0 35	15 31	2 7	23 35	0 19	2 31	1 35	0 49	15 47	0 35	0 39	17 5	0 43	4 15
S 15	23 16	3 8	0 43	18 49	2 52	21 23	1 30	23 31	3 14	20 6	0 36	15 33	2 7	23 35	0 19	2 31	1 35	0 49	15 46	0 35	0 40	17 5	0 43	4 14
S 16	23 19	1n 5	0s28	18 43	2 54	21 5	1 44	23 36	3 17	20 3	0 36	15 34	2 7	23 35	0 19	2 31	1 35	0 49	15 46	0 35	0 42	17 6	0 43	4 14
M17	23 21	5 22	1 39	18 41	2 55	20 47	1 59	23 41	3 19	20 0	0 36	15 36	2 7	23 36	0 19	2 31	1 35	0 49	15 46	0 35	0 43	17 7	0 43	4 14
T 18	23 23	9 30	2 46	18 42	2 54	20 30	2 13	23 47	3 22	19 57	0 36	15 38	2 7	23 36	0 19	2 31	1 35	0 49	15 46	0 36	0 44	17 7	0 43	4 13
W19	23 25	13 11	3 44	18 46	2 51	20 13	2 27	23 52	3 25	19 54	0 36	15 39	2 7	23 36	0 19	2 31	1 35	0 49	15 45	0 38	0 45	17 8	0 43	4 13
T 20	23 26	16 5	4 28	18 52	2 47	19 56	2 40	23 58	3 27	19 51	0 36	15 41	2 7	23 36	0 19	2 31	1 35	0 49	15 45	0 42	0 47	17 9	0 43	4 13
F 21	23 27	17 54	4 54	19 1	2 42	19 41	2 53	24 3	3 30	19 48	0 36	15 42	2 7	23 36	0 19	2 31	1 35	0 49	15 45	0 46	0 48	17 9	0 42	4 12
S 22	23 27	18 27	4 59	19 11	2 37	19 26	3 5	24 9	3 32	19 45	0 36	15 44	2 7	23 36	0 19	2 31	1 35	0 50	15 45	0 51	0 49	17 10	0 42	4 12
S 23	23 27	17 40	4 43	19 23	2 31	19 11	3 16	24 15	3 35	19 42	0 36	15 45	2 7	23 36	0 19	2 31	1 35	0 50	15 44	0 55	0 50	17 11	0 42	4 12
M24	23 26	15 41	4 8	19 36	2 24	18 58	3 27	24 21	3 37	19 39	0 36	15 47	2 7	23 37	0 19	2 31	1 35	0 50	15 44	0 59	0 52	17 11	0 42	4 12
T 25	23 25	12 46	3 18	19 51	2 16	18 45	3 38	24 27	3 40	19 36	0 36	15 48	2 8	23 37	0 19	2 32	1 35	0 50	15 44	1 2	0 53	17 12	0 41	4 11
W26	23 24	9 13	2 17	20 5	2 9	18 33	3 48	24 33	3 42	19 33	0 36	15 50	2 8	23 37	0 19	2 32	1 34	0 50	15 44	1 4	0 54	17 13	0 41	4 11
T 27	23 21	5 18	1 11	20 21	2 1	18 23	3 57	24 39	3 45	19 29	0 36	15 51	2 8	23 37	0 19	2 32	1 34	0 50	15 43	1 5	0 56	17 13	0 41	4 11
F 28	23 19	1 15	0 3	20 36	1 53	18 12	4 6	24 45	3 47	19 26	0 36	15 52	2 8	23 37	0 19	2 32	1 34	0 50	15 43	1 5	0 57	17 14	0 40	4 10
S 29	23 16	2s43																						