

SWISS EPHEMERIS for the year 1414

JANUARY 1414 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	7 15 7	19°31'46	13°32'	10°22'	18°22'	5°56'	5°21'	18°R 8	15°29'	6°R53	18°R 2	28°R 2	28°32'	29°56'	21°38'	
T 2	7 19 4	20°20'52	27°19'	11°58'	19°37'	6°16'	5°32'	18°II 4	15°32'	6°51	18°II 1	28°3 1	28°25'	0°3 0	21°44'	
W 3	7 23 1	21°21'56	10°II55	13°34'	20°51'	6°35'	5°44'	18° 0	15°35'	6°49	18° 0	28° 0	28°22'	0°10	21°49'	
T 4	7 26 57	22°23'00	24°18'	15°10'	22° 5'	6°54'	5°55'	17°56'	15°39'	6°48	17°59'	27°59'	28°19'	0°16	21°54'	
F 5	7 30 54	23°24'03	7°29'	16°47'	23°19'	7°12'	6° 6'	17°53'	15°42'	6°46	17°58'	27°59'	28°15'	0°23	22° 0'	
S 6	7 34 50	24°25'05	20°25'	18°25'	24°33'	7°30'	6°17'	17°49'	15°45'	6°45	17°57'	27°59'	28°12'	0°30	22° 5'	
S 7	7 38 47	25°26'06	3°28'	20° 3'	25°47'	7°47'	6°28'	17°46'	15°49'	6°43	17°56'	27°D59	28° 9'	0°37	22°10'	
M 8	7 42 43	26°27'06	15°36'	21°42'	27° 1'	8° 4'	6°39'	17°43'	15°52'	6°41	17°55'	27°59'	28° 6'	0°43	22°15'	
T 9	7 46 40	27°28'06	27°52'	23°22'	28°15'	8°21'	6°50'	17°39'	15°55'	6°40	17°54'	27°59'	28° 3'	0°50	22°19'	
W10	7 50 36	28°29'05	9°57'	25° 2'	29°29'	8°37'	7° 0'	17°36'	15°59'	6°38	17°53'	27°R59	28° 0'	0°57	22°24'	
T 11	7 54 33	29°30'02	21°54'	26°43'	0°43'	8°53'	7°11'	17°33'	16° 2'	6°37	17°52'	27°59'	27°56'	1° 3'	22°29'	
F 12	7 58 30	0°31'00	3°24'	28°24'	1°56'	9° 8'	7°22'	17°30'	16° 5'	6°35	17°51'	27°58'	27°53'	1°10	22°34'	
S 13	8 2 26	1°31'56	15°38'	0°22'	3°10'	9°23'	7°32'	17°27'	16° 9'	6°34	17°51'	27°58'	27°50'	1°17	22°38'	
S 14	8 6 23	2°32'51	27°33'	1°49'	4°24'	9°38'	7°42'	17°25'	16°12'	6°32	17°50'	27°D58	27°47'	1°23	22°42'	
M15	8 10 19	3°33'46	9°37'	3°33'	5°37'	9°51'	7°53'	17°22'	16°15'	6°31	17°49'	27°58'	27°44'	1°30	22°47'	
T 16	8 14 16	4°34'40	21°53'	5°17'	6°51'	10° 5'	8° 3'	17°19'	16°19'	6°29	17°48'	27°58'	27°41'	1°37	22°51'	
W17	8 18 12	5°35'33	4°26'	7° 2'	8° 4'	10°18'	8°13'	17°17'	16°22'	6°28	17°48'	27°59'	27°37'	1°44	22°55'	
T 18	8 22 9	6°36'26	17°20'	8°48'	9°18'	10°30'	8°23'	17°14'	16°26'	6°26	17°47'	28° 0'	27°34'	1°50	22°59'	
F 19	8 26 5	7°37'17	0°38'	10°34'	10°31'	10°42'	8°33'	17°12'	16°29'	6°25	17°46'	28° 1'	27°31'	1°57	23° 3'	
S 20	8 30 2	8°38'07	14°20'	12°21'	11°45'	10°53'	8°42'	17°10'	16°33'	6°23	17°45'	28° 1'	27°28'	2° 4'	23° 7'	
S 21	8 33 59	9°38'56	28°26'	14° 9'	12°58'	11° 3'	8°52'	17° 8'	16°36'	6°22	17°45'	28°R 2	27°25'	2°10	23°11'	
M22	8 37 55	10°39'44	12°21'	15°57'	14°11'	11°13'	9° 1'	17° 6'	16°40'	6°21	17°44'	28° 1'	27°21'	2°17	23°15'	
T 23	8 41 52	11°40'31	27°30'	17°45'	15°25'	11°23'	9°11'	17° 4'	16°43'	6°19	17°43'	28° 0'	27°18'	2°24	23°18'	
W24	8 45 48	12°41'16	12°17'	19°34'	16°38'	11°32'	9°20'	17° 2'	16°46'	6°18	17°43'	27°58'	27°15'	2°31	23°22'	
T 25	8 49 45	13°41'59	27° 4'	21°24'	17°51'	11°40'	9°29'	17° 1'	16°50'	6°17	17°42'	27°56'	27°12'	2°37	23°25'	
F 26	8 53 41	14°42'41	11°44'	23°13'	19° 4'	11°48'	9°38'	16°59'	16°53'	6°16	17°42'	27°54'	27° 9'	2°44	23°28'	
S 27	8 57 38	15°43'21	26°11'	25° 2'	20°17'	11°55'	9°47'	16°58'	16°57'	6°14	17°41'	27°53'	27° 6'	2°51	23°31'	
S 28	9 1 34	16°43'59	10°22'	26°52'	21°30'	12° 1'	9°56'	16°57'	17° 0'	6°13	17°40'	27°D52	27° 2'	2°57	23°35'	
M29	9 5 31	17°44'36	24°14'	28°41'	22°42'	12° 7'	10° 5'	16°55'	17° 4'	6°12	17°40'	27°52'	26°59'	3° 4'	23°38'	
T 30	9 9 28	18°45'11	7°II48	0°29'	23°55'	12°12'	10°13'	16°54'	17° 7'	6°11	17°39'	27°53'	26°56'	3°11	23°40'	
W31	9 13 24	19°45'44	21°II 5	2°17'	25°8'	12°16'	10°22'	16°II53	17°11'	6°10	17°II39	27°54'	26°53'	3°18	23°43'	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	22s 7	20n48	5n 5	24s35	1s28	16s57	1s40	0n 2	2n37	20s34	0n42	21n43	1s16	16s53	0s40	22n27
T 2	21 58 24	6 4 36	24 31	1 33 16 33	1 39 0s 5	2 38 20 36	0 42 21 43	1 16 16 52	0 40 22 27	0 53 15 47	7 13 20 38	20 33	4 10 15 56	2 25		
W 3	21 49 25	59 3 52	24 26	1 37 16 9	1 38 0 11	2 39 20 38	0 42 21 43	1 16 16 51	0 40 22 27	0 53 15 47	7 13 20 38	20 33	4 13 15 56	2 25		
T 4	21 39 26	20 2 56	24 20	1 41 15 44	1 38 0 18	2 40 20 40	0 42 21 43	1 15 16 50	0 40 22 27	0 53 15 47	7 13 20 38	20 34	4 17 15 57	2 26		
F 5	21 29 25	9 1 51	24 12	1 45 15 19	1 37 0 24	2 41 20 42	0 42 21 43	1 15 16 49	0 40 22 27	0 53 15 47	7 13 20 38	20 35	4 20 15 58	2 26		
S 6	21 18 22	39 0 42	24 2	1 48 14 53	1 36 0 30	2 42 20 44	0 42 21 43	1 15 16 48	0 40 22 28	0 53 15 47	7 13 20 38	20 35	4 23 15 59	2 27		
S 7	21 7 19	4 0s29	23 51	1 52 14 27	1 35 0 36	2 43 20 46	0 42 21 43	1 15 16 47	0 40 22 28	0 53 15 47	7 13 20 38	20 36	4 26 16 0	2 27		
M 8	20 56 14	41 1 36	23 39	1 54 14 1	1 34 0 42	2 44 20 48	0 42 21 42	1 15 16 46	0 40 22 28	0 53 15 47	7 13 20 38	20 37	4 29 16 1	2 28		
T 9	20 44 9	46 2 38	23 24	1 57 13 34	1 33 0 48	2 45 20 49	0 42 21 42	1 15 16 45	0 40 22 28	0 53 15 47	7 12 20 38	20 37	4 32 16 1	2 28		
W10	20 32 4	35 3 32	23 9	1 59 13 7	1 31 0 53	2 46 20 51	0 42 21 42	1 14 16 44	0 40 22 28	0 53 15 47	7 12 20 38	20 38	4 35 16 2	2 29		
T 11	20 19 0s43	4 17 22	51 2	1 12 40	1 30 0 58	2 47 20 53	0 42 21 42	1 14 16 43	0 40 22 28	0 53 15 47	7 12 20 38	20 38	4 38 16 3	2 29		
F 12	20 6 5 56	4 49 22	32 2	2 12 12	1 29 1 3	2 48 20 55	0 42 21 42	1 14 16 42	0 40 22 28	0 53 15 47	7 12 20 38	20 39	4 41 16 4	2 29		
S 13	19 53 10	56 5 10	22 12	2 3 11 44	1 27 1 8	2 49 20 56	0 42 21 42	1 14 16 41	0 40 22 28	0 53 15 47	7 12 20 38	20 40	4 44 16 4	2 30		
S 14	19 39 15	34 5 17	21 50	2 4 11 15	1 26 1 13	2 51 20 58	0 42 21 42	1 14 16 40	0 40 22 28	0 53 15 48	7 12 20 38	20 40	4 47 16 5	2 30		
M15	19 25 19	38 5 11	21 26	2 4 10 47	1 24 1 17	2 52 21 0	0 42 21 42	1 13 16 39	0 40 22 28	0 53 15 48	7 11 20 38	20 41	4 50 16 6	2 31		
T 16	19 11 22	58 4 50	21 1	2 4 10 18	1 22 1 22	2 53 21 1	0 43 21 42	1 13 16 38	0 40 22 29	0 53 15 48	7 11 20 38	20 42	4 53 16 6	2 31		
W17	18 56 25	17 4 15	20 34	2 3 9 49	1 20 1 26	2 54 21 3	0 43 21 42	1 13 16 37	0 40 22 29	0 53 15 48	7 11 20 38	20 42	4 56 16 7	2 32		
T 18	18 41 26	21 3 27	20 5	2 2 9 19	1 19 1 29	2 55 21 4	0 43 21 42	1 13 16 36	0 40 22 29	0 53 15 48	7 11 20 38	20 43	4 59 16 7	2 32		
F 19	18 25 25	57 2 26	19 34	2 1 8 50	1 17 1 33	2 56 21 6	0 43 21 42	1 12 16 35	0 40 22 29	0 53 15 48	7 11 20 38	20 43	5 2 16 8	2 33		
S 20	18 10 23	59 1 15	19 3	1 58 8 20	1 15 1 36	2 57 21 7	0 43 21 42	1 12 16 34	0 40 22 29	0 53 15 48	7 11 20 37	20 44	5 5 16 8	2 34		
S 21	17 54 20	30 0n 2	18 29	1 56 7 50	1 12 1 40	2 58 21 9	0 43 21 42	1 12 16 33	0 40 22 29	0 53 15 48	7 10 20 37	20 45	5 8 16 9	2 34		
M22	17 37 15	43 1 21	17 54	1 53 7 19	1 10 1 43	2 59 21 10	0 43 21 42	1 12 16 32	0 40 22 29	0 53 15 48	7 10 20 37	20 45	5 11 16 9	2 35		
T 23	17 20 9	56 2 36	17 17	1 49 6 49	1 8 1 45	3 0 21 12	0 43 21 42	1 12 16 31	0 40 22 29	0 53 15 48	7 10 20 38	20 46	5 14 16 9	2 35		
W24	17 3 3 34	3 41 16	39 1	4 4 6 18	1 6 1 48	3 1 21 13	0 43 21 42	1 11 16 30	0 40 22 29	0 53 15 49	7 10 20 38	20 47	5 17 16 10	2 36		
T 25	16 46 2n59	4 31 15	59 1	3 9 5 47	1 3 1 50	3 2 21 15	0 43 21 42	1 11 16 29	0 40 22 29	0 53 15 49	7 10 20 38	20 47	5 20 16 10	2 36		
F 26	16 28 9	18 5 3	15 18	1 34 5 17	1 1 1 52	3 3 21 16	0 43 21 42	1 11 16 28	0 40 22 30	0 53 15 49	7 10 20 39	20 48	5 23 16 10	2 37		
S 27	16 10 15	2 5 15	14 35	1 27 4 45	0 58 1 54	3 4 21 17	0 43 21 42	1 11 16 27	0 40 22 30	0 53 15 49	7 9 20 39	20 48	5 26 16 11	2 37		
S 28	15 52 19	51 5 8	13 52	1 21 4 14	0 56 1 56	3 5 21 18	0 43 21 42	1 11 16 26	0 40 22 30	0 53 15 49	7 9 20 39	20 49	5 29 16 11	2 38		
M29	15 34 23	27 4 43	13 7	1 13 3 43	0 53 1 57	3 6 21 20	0 43 21 42	1 10 16 25	0 40 22 30	0 53 15 49	7 9 20 39	20 50	5 32 16 11	2 38		
T 30	15 15 25	40 4 2	12 21	1 5 3 12	0 50 1 58	3 7 21 21	0 43 21 42	1 10 16 24	0 40 22 30	0 53 15 49	7 9 20 39	20 50	5 35 16 11	2 39		
W31	14s56	26n22	3n 9	11s34	0s56	2s40	0s48	1s59	3n 8	21s22	0n43	21n42	1s10	16s22	0s40	22n30

Julian Day Number = 2237521.5, Delta T = 296.72 sec
 Ecliptic obliquity = 23°30'59, Nutation = 0°00'16
 Ayanamsha: Fagan/Bradley = 16°33'56, Lahiri = 15°40'56 Julian Calendar 1 Jan. 1414 == Greg. Calendar 10 Jan. 1414

SWISS EPHEMERIS for the year 1414

FEBRUARY 1414 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	9 17 21	20 ⁴⁶ 15	4 ⁵⁶ 6	4 ³⁸ 3	26 ³⁸ 20	12 ²⁰ 20	10 ³⁰ 30	16 ⁵² R52	17 ¹⁴ 14	6 ⁸ R 8	17 ³⁸ R38	27 ⁵⁶ 56	26 ⁵⁰ 50	3 ²⁴ 24	23 ⁴⁶ 46
F 2	9 21 17	21 ⁴⁶ 44	16 ⁵³	5 ⁴⁸	27 ³³	12 ²³	10 ³⁸	16 ⁵² II	17 ¹⁸	6 ⁷ 6	17 ³⁸ II	27 ⁵⁷	26 ⁴⁷	3 ³¹	23 ⁴⁸
S 3	9 25 14	22 ⁴⁷ 12	29 ²⁸	7 ³⁰	28 ⁴⁵	12 ²⁵	10 ⁴⁶	16 ⁵¹	17 ²¹	6 ⁶	17 ³⁸	27 ⁵⁷ R57	26 ⁴³	3 ³⁸	23 ⁵¹
S 4	9 29 10	23 ⁴⁷ 38	11 ⁵²	9 ¹⁰	29 ⁵⁸	12 ²⁷	10 ⁵⁴	16 ⁵¹	17 ²⁵	6 ⁵	17 ³⁷	27 ⁵⁷	26 ⁴⁰	3 ⁴⁴	23 ⁵³
M 5	9 33 7	24 ⁴⁸ 02	24 ⁷	10 ⁴⁸	1 ¹⁰ 10	12 ²⁸	11 ²	16 ⁵⁰	17 ²⁸	6 ⁴	17 ³⁷	27 ⁵⁴	26 ³⁷	3 ⁵¹	23 ⁵⁶
T 6	9 37 3	25 ⁴⁸ 24	6 ¹³	12 ²¹	2 ²²	12 ²⁸ R28	11 ¹⁰	16 ⁵⁰	17 ³²	6 ³	17 ³⁶	27 ⁵¹	26 ³⁴	3 ⁵⁸	23 ⁵⁸
W 7	9 41 0	26 ⁴⁸ 44	18 ¹³	13 ⁵¹	3 ³⁴	12 ²⁷	11 ¹⁷	16 ⁵⁰	17 ³⁵	6 ²	17 ³⁶	27 ⁴⁶	26 ³¹	4 ⁵	24 ⁰
T 8	9 44 57	27 ⁴⁹ 03	0 ⁸	15 ¹⁵	4 ⁴⁶	12 ²⁶	11 ²⁴	16 ⁵⁰ D50	17 ³⁸	6 ¹	17 ³⁶	27 ⁴¹	26 ²⁷	4 ¹¹	24 ²
F 9	9 48 53	28 ⁴⁹ 21	12 ⁰	16 ³⁵	5 ⁵⁸	12 ²⁴	11 ³²	16 ⁵⁰	17 ⁴²	6 ⁰	17 ³⁶	27 ³⁵	26 ²⁴	4 ¹⁸	24 ⁴
S 10	9 52 50	29 ⁴⁹ 36	23 ⁵²	17 ⁴⁸	7 ¹⁰	12 ²¹	11 ³⁹	16 ⁵⁰	17 ⁴⁵	6 ⁰	17 ³⁵	27 ³⁰	26 ²¹	4 ²⁵	24 ⁵
S 11	9 56 46	0 ⁴⁹ 51	5 ⁴⁷	18 ⁵⁵	8 ²²	12 ¹⁸	11 ⁴⁶	16 ⁵⁰	17 ⁴⁹	5 ⁵⁹	17 ³⁵	27 ²⁶	26 ¹⁸	4 ³¹	24 ⁷
M 12	10 0 43	1 ⁵⁰ 03	17 ⁴⁸	19 ⁵⁵	9 ³³	12 ¹³	11 ⁵²	16 ⁵⁰	17 ⁵²	5 ⁵⁸	17 ³⁵	27 ²³	26 ¹⁵	4 ³⁸	24 ⁹
T 13	10 4 39	2 ⁵⁰ 15	0 ¹⁷	20 ⁴⁷	10 ⁴⁵	12 ⁸	11 ⁵⁹	16 ⁵¹	17 ⁵⁶	5 ⁵⁷	17 ³⁵	27 ²² D22	26 ¹²	4 ⁴⁵	24 ¹⁰
W 14	10 8 36	3 ⁵⁰ 24	12 ²⁹	21 ³⁰	11 ⁵⁶	12 ²	12 ⁶	16 ⁵²	17 ⁵⁹	5 ⁵⁶	17 ³⁴	27 ²²	26 ⁸	4 ⁵²	24 ¹¹
T 15	10 12 32	4 ⁵⁰ 32	25 ¹⁸	22 ⁵	13 ⁸	11 ⁵⁶	12 ¹²	16 ⁵²	18 ²	5 ⁵⁶	17 ³⁴	27 ²³	26 ⁵	4 ⁵⁸	24 ¹³
F 16	10 16 29	5 ⁵⁰ 39	8 ³⁰	22 ³²	14 ¹⁹	11 ⁴⁸	12 ¹⁸	16 ⁵³	18 ⁶	5 ⁵⁵	17 ³⁴	27 ²⁵	26 ²	5 ⁵	24 ¹⁴
S 17	10 20 26	6 ⁵⁰ 44	22 ¹⁰	22 ⁴⁹	15 ³⁰	11 ⁴⁰	12 ²⁴	16 ⁵⁴	18 ⁹	5 ⁵⁴	17 ³⁴	27 ²⁶ R26	25 ⁵⁹	5 ¹²	24 ¹⁵
S 18	10 24 22	7 ⁵⁰ 47	6 ¹⁸	22 ⁵⁷ R57	16 ⁴¹	11 ³¹	12 ³⁰	16 ⁵⁵	18 ¹²	5 ⁵⁴	17 ³⁴	27 ²⁶	25 ⁵⁶	5 ¹⁸	24 ¹⁶
M 19	10 28 19	8 ⁵⁰ 48	20 ⁵¹	22 ⁵⁵	17 ⁵²	11 ²¹	12 ³⁶	16 ⁵⁶	18 ¹⁶	5 ⁵³	17 ³⁴	27 ²⁴	25 ⁵³	5 ²⁵	24 ¹⁶
T 20	10 32 15	9 ⁵⁰ 48	5 ⁴⁶	22 ⁴⁵	19 ³	11 ¹⁰	12 ⁴¹	16 ⁵⁸	18 ¹⁹	5 ⁵³	17 ³⁴	27 ²⁰	25 ⁴⁹	5 ³²	24 ¹⁷
W 21	10 36 12	10 ⁵⁰ 45	20 ⁵⁴	22 ²⁶	20 ¹³	10 ⁵⁹	12 ⁴⁷	16 ⁵⁹	18 ²²	5 ⁵²	17 ³⁴	27 ¹⁴	25 ⁴⁶	5 ³⁹	24 ¹⁸
T 22	10 40 8	11 ⁵⁰ 41	6 ¹⁷	22 ⁰	21 ²⁴	10 ⁴⁷	12 ⁵²	17 ¹	18 ²⁵	5 ⁵²	17 ³⁴ D34	27 ⁷	25 ⁴³	5 ⁴⁵	24 ¹⁸
F 23	10 44 5	12 ⁵⁰ 34	21 ⁹	21 ²⁶	22 ³⁵	10 ³⁴	12 ⁵⁷	17 ²	18 ²⁹	5 ⁵¹	17 ³⁴	27 ⁰	25 ⁴⁰	5 ⁵²	24 ¹⁸
S 24	10 48 1	13 ⁵⁰ 25	5 ⁵⁷	20 ⁴⁵	23 ⁴⁵	10 ²⁰	13 ²	17 ⁴	18 ³²	5 ⁵¹	17 ³⁴	26 ⁵⁴	25 ³⁷	5 ⁵⁹	24 ¹⁹
S 25	10 51 58	14 ⁵⁰ 14	20 ²³	19 ⁵⁹	24 ⁵⁵	10 ⁶	13 ⁷	17 ⁶	18 ³⁵	5 ⁵⁰	17 ³⁴	26 ⁴⁹	25 ³³	6 ⁵	24 ¹⁹
M 26	10 55 55	15 ⁵⁰ 01	4 ²³	19 ⁹	26 ⁵	9 ⁵¹	13 ¹¹	17 ⁸	18 ³⁸	5 ⁵⁰	17 ³⁴	26 ⁴⁷	25 ³⁰	6 ¹²	24 ¹⁹ R19
T 27	10 59 51	16 ⁴⁹ 46	17 ⁵⁷	18 ¹⁵	27 ¹⁵	9 ³⁵	13 ¹⁶	17 ¹⁰	18 ⁴²	5 ⁴⁹	17 ³⁴	26 ⁴⁶ D46	25 ²⁷	6 ¹⁹	24 ¹⁹
W 28	11 3 48	17 ⁴⁹ 28	1 ⁵⁸	17 ¹⁹	28 ¹⁷ 25	9 ¹⁹	13 ²⁰	17 ¹² II	18 ⁴⁵	5 ⁴⁹	17 ³⁴ II	26 ⁴⁷ R47	25 ²⁴	6 ²⁶	24 ¹⁹ II

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
T 1	14s37	25n35	2n 8	10s46	0s46	2s 9	0s45	1s59	3n 9	21s23	0n43	21n43	1s10	16s21	0s40	22n30	0s52	15n50	7s 8	20s39	20s52	5s41	16s12	2n40
F 2	14 18	23 27	1 1	9 58	0 36	1 37	0 42	2 0	3 10	21 24	0 43	21 43	1 10	16 20	0 40	22 30	0 52	15 50	7 8	20 38	20 52	5 44	16 12	2 40
S 3	13 58	20 12	0s 8	9 10	0 24	1 6	0 39	2 0	3 11	21 25	0 43	21 43	1 9	16 19	0 40	22 30	0 52	15 50	7 8	20 38	20 53	5 47	16 12	2 41
S 4	13 38	16 4	1 16	8 21	0 13	0 34	0 36	2 0	3 12	21 27	0 43	21 43	1 9	16 18	0 40	22 30	0 52	15 50	7 8	20 38	20 53	5 50	16 12	2 41
M 5	13 18	11 21	2 19	7 33	0 0	2 0	0 33	1 59	3 13	21 28	0 43	21 43	1 9	16 17	0 40	22 30	0 52	15 50	7 8	20 39	20 54	5 53	16 12	2 42
T 6	12 57	6 15	3 14	6 45	0n13	0n29	0 30	1 58	3 13	21 29	0 43	21 43	1 9	16 16	0 40	22 30	0 52	15 51	7 7	20 40	20 55	5 56	16 12	2 43
W 7	12 37	0 58	4 1	5 58	0 26	1 1	0 27	1 57	3 14	21 30	0 43	21 44	1 8	16 15	0 40	22 31	0 52	15 51	7 7	20 41	20 55	5 59	16 12	2 43
T 8	12 16	4s17	4 37	5 13	0 40	1 33	0 23	1 56	3 15	21 31	0 43	21 44	1 8	16 14	0 40	22 31	0 52	15 51	7 7	20 42	20 56	6 2	16 12	2 44
F 9	11 55	9 22	5 0	4 29	0 54	2 4	0 20	1 55	3 16	21 32	0 43	21 44	1 8	16 13	0 40	22 31	0 52	15 51	7 7	20 43	20 56	6 5	16 12	2 44
S 10	11 34	14 6	5 11	3 47	1 9	2 36	0 17	1 53	3 17	21 33	0 43	21 44	1 8	16 12	0 40	22 31	0 52	15 51	7 7	20 44	20 57	6 8	16 12	2 45
S 11	11 13	18 20	5 8	3 7	1 23	3 7	0 13	1 51	3 17	21 33	0 43	21 45	1 8	16 11	0 40	22 31	0 52	15 51	7 6	20 45	20 58	6 11	16 11	2 45
M 12	10 51	21 52	4 52	2 30	1 38	3 39	0 10	1 48	3 18	21 34	0 43	21 45	1 7	16 10	0 40	22 31	0 52	15 52	7 6	20 45	20 58	6 14	16 11	2 46
T 13	10 30	24 30	4 23	1 56	1 53	4 10	0 6	1 46	3 19	21 35	0 43	21 45	1 7	16 9	0 40	22 31	0 52	15 52	7 6	20 45	20 59	6 17	16 11	2 46
W 14	10 8	26 0	3 40	1 26	2 7	4 41	0 3	1 43	3 19	21 36	0 43	21 45	1 7	16 8	0 40	22 31	0 52	15 52	7 6	20 45	20 59	6 20	16 11	2 47
T 15	9 46	26 12	2 46	0 59	2 21	5 12	0n 1	1 40	3 20	21 37	0 43	21 46	1 7	16 7	0 40	22 31	0 52	15 52	7 6	20 45	21 0	6 23	16 11	2 48
F 16	9 24	24 55	1 41	0 37	2 34	5 44	0 4	1 36	3 21	21 38	0 43	21 46	1 6	16 6	0 40	22 31	0 52	15 52	7 5	20 45	21 1	6 26	16 10	2 48
S 17	9 2	22 9	0 29	0 18	2 47	6 14	0 8	1 33	3 21	21 38	0 43	21 46	1 6	16 5	0 40	22 31	0 52	15 53	7 5	20 44	21 1	6 29	16 10	2 49
S 18	8 39	17 59	0n48	0 5	2 59	6 45	0 12	1 29	3 21	21 39	0 43	21 47	1 6	16 4	0 40	22 31	0 52	15 53	7 5	20 45	21 2	6 32	16 10	2 49
M 19	8 17	12 38	2 4	0n 5	3 9	7 16	0 15	1 24	3 22	21 40	0 43	21 47	1 6	16 3	0 40	22 31	0 52	15 53	7 5	20 45	21 2	6 35	16 9	2 50
T 20	7 54	6 26	3 12	0 9	3 19	7 46	0 19	1 20	3 22	21 40	0 43	21 47	1 6	16 2	0 40	22 31	0 52	15 53	7 5	20 46	21 3	6 38	16 9	2 50
W 21	7 31	0n12	4 9	0 9	3 26	8 17	0 23	1 15	3 23	21 41	0 44	21 48	1 5	16 1	0 40	22 31	0 52	15 53	7 4	20 47	21 4	6 41	16 9	2 51
T 22	7 9	6 50	4 48	0 4	3 32	8 47	0 27	1 10	3 23	21 42	0 44	21 48	1 5	16 0	0 40	22 32	0 52	15 54	7 4	20 48	21 4	6 44	16 8	2 51
F 23	6 46	13 0	5 6	0s 5	3 37	9 17	0 30	1 5	3 23	21 42	0 44	21 48	1 5	15 59	0 40	22 32	0 52	15 54	7 4	20 50	21 5	6 47	16 8	2 52
S 24	6 23	18 20	5 4	0 19	3 39	9 47	0 34	1 0	3 23	21 43	0 44	21 49	1 5	15 58	0 40									

SWISS EPHEMERIS for the year 1414

MARCH 1414 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	11 7 44	18°49'08	13°58'58	16°R23	29°Y35	9°R 2	13°24	17°II14	18°48	5°R49	17°II34	26°348	25°321	6°32	24°R18
F 2	11 11 41	19°48'45	26°31	15°X27	0°B44	8°44	13°28	17°17	18°51	5°48	17°35	26°R49	25°18	6°39	24°M18
S 3	11 15 37	20°48'20	8°51	14°33	1°54	8°26	13°32	17°19	18°54	5°48	17°35	26°48	25°14	6°46	24°17
S 4	11 19 34	21°47'53	21° 1	13°42	3° 3	8° 7	13°35	17°22	18°57	5°48	17°35	26°45	25°11	6°52	24°17
M 5	11 23 30	22°47'24	3°M 3	12°53	4°12	7°48	13°39	17°24	19° 0	5°48	17°35	26°39	25° 8	6°59	24°16
T 6	11 27 27	23°46'53	15° 1	12°10	5°21	7°28	13°42	17°27	19° 3	5°48	17°36	26°31	25° 5	7° 6	24°15
W 7	11 31 23	24°46'19	26°56	11°31	6°30	7° 8	13°45	17°30	19° 6	5°48	17°36	26°21	25° 2	7°13	24°14
T 8	11 35 20	25°45'43	8°48	10°57	7°39	6°47	13°48	17°33	19° 9	5°48	17°36	26°10	24°58	7°19	24°13
F 9	11 39 17	26°45'06	20°41	10°29	8°47	6°26	13°50	17°36	19°12	5°D48	17°36	25°58	24°55	7°26	24°12
S 10	11 43 13	27°44'26	2°M34	10° 7	9°55	6° 4	13°53	17°39	19°15	5°48	17°37	25°47	24°52	7°33	24°11
S 11	11 47 10	28°43'45	14°31	9°51	11° 4	5°42	13°55	17°43	19°18	5°48	17°37	25°37	24°49	7°39	24°10
M12	11 51 6	29°43'01	26°35	9°40	12°12	5°20	13°57	17°46	19°21	5°48	17°38	25°30	24°46	7°46	24° 8
T 13	11 55 3	0°Y42'16	8°X47	9°D36	13°19	4°58	13°59	17°49	19°23	5°48	17°38	25°25	24°43	7°53	24° 7
W14	11 58 59	1°41'29	21°13	9°37	14°27	4°35	14° 1	17°53	19°26	5°48	17°39	25°23	24°39	8° 0	24° 5
T 15	12 2 56	2°40'41	3°357	9°44	15°35	4°12	14° 2	17°57	19°29	5°49	17°39	25°D22	24°36	8° 6	24° 4
F 16	12 6 52	3°39'50	17° 2	9°56	16°42	3°49	14° 4	18° 0	19°32	5°49	17°39	25°22	24°33	8°13	24° 2
S 17	12 10 49	4°38'58	0°33	10°13	17°49	3°26	14° 5	18° 4	19°34	5°49	17°40	25°R22	24°30	8°20	24° 0
S 18	12 14 46	5°38'04	14°33	10°35	18°56	3° 2	14° 6	18° 8	19°37	5°49	17°41	25°21	24°27	8°26	23°58
M19	12 18 42	6°37'08	29° 0	11° 1	20° 3	2°39	14° 7	18°12	19°40	5°50	17°41	25°17	24°24	8°33	23°56
T 20	12 22 39	7°36'10	13°53	11°32	21° 9	2°16	14° 8	18°17	19°42	5°50	17°42	25°11	24°20	8°40	23°54
W21	12 26 35	8°35'10	29° 5	12° 7	22°15	1°53	14° 8	18°21	19°45	5°51	17°42	25° 2	24°17	8°47	23°51
T 22	12 30 32	9°34'08	14°Y25	12°47	23°21	1°30	14° 8	18°25	19°47	5°51	17°43	24°52	24°14	8°53	23°49
F 23	12 34 28	10°33'05	29°42	13°29	24°27	1° 7	14°R 8	18°29	19°50	5°51	17°43	24°41	24°11	9° 0	23°47
S 24	12 38 25	11°31'59	14°B45	14°16	25°33	0°45	14° 8	18°34	19°52	5°52	17°44	24°32	24° 8	9° 7	23°44
S 25	12 42 21	12°30'51	29°25	15° 6	26°38	0°23	14° 8	18°39	19°55	5°52	17°45	24°24	24° 4	9°13	23°41
M26	12 46 18	13°29'40	13°II37	15°59	27°44	0° 1	14° 7	18°43	19°57	5°53	17°46	24°18	24° 1	9°20	23°39
T 27	12 50 15	14°28'28	27°19	16°55	28°49	29°M39	14° 7	18°48	20° 0	5°54	17°46	24°16	23°58	9°27	23°36
W28	12 54 11	15°27'13	10°33	17°54	29°53	29°18	14° 6	18°53	20° 2	5°54	17°47	24°15	23°55	9°34	23°33
T 29	12 58 8	16°25'56	23°22	18°56	0°II58	28°57	14° 5	18°58	20° 4	5°55	17°48	24°15	23°52	9°40	23°30
F 30	13 2 4	17°24'36	5°52	20° 0	2° 2	28°37	14° 3	19° 3	20° 6	5°56	17°49	24°14	23°49	9°47	23°27
S 31	13 6 1	18°Y23'14	18°6	21°X 7	3°II 6	28°M17	14°X 2	19°II 8	20°3 9	5°56	17°II49	24°313	23°345	9°54	23°M24

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	4s26	23n55	1n 9	2s17	3n22	12n12	0n54	0s29	3n23	21s45	0n44	21n51	1s 4	15s53	0s41	22n32	0s51	15n55	7s 3	20s52	21s 8	7s 4	16s 4	2n55
F 2	4 3 20	57 0	2 2	47 3	13 12	40 0	58 0	22 3	23 21	46 0	44 21	51 1	3 15	52 0	41 22	32 0	51 15	55 7	3 20	52 21	9 7	7 16	4 2	56
S 3	3 39	17 4	1s 4	3 17	3 3	13 8	1 2	0 16	3 22	21 46	0 44	21 52	1 3	15 51	0 41	22 32	0 51	15 56	7 2	20 52	21 9	7 10	16 3	2 57
S 4	3 16	12 33	2 6	3 48	2 51	13 36	1 6	0 9	3 22	21 47	0 44	21 52	1 3	15 50	0 41	22 32	0 51	15 56	7 2	20 52	21 10	7 13	16 2	2 57
M 5	2 52	7 36	3 1	4 18	2 38	14 3	1 10	0 1	3 21	21 47	0 44	21 52	1 3	15 49	0 41	22 32	0 51	15 56	7 2	20 54	21 11	7 16	16 2	2 58
T 6	2 29	2 25	3 48	4 48	2 25	14 30	1 13	0n 6	3 21	21 47	0 44	21 53	1 3	15 48	0 41	22 32	0 51	15 56	7 2	20 55	21 11	7 19	16 1	2 58
W 7	2 5	2s49	4 25	5 16	2 10	14 57	1 17	0 13	3 20	21 48	0 44	21 53	1 2	15 47	0 41	22 32	0 51	15 56	7 1	20 57	21 12	7 22	16 0	2 59
T 8	1 41	7 56	4 50	5 42	1 55	15 23	1 21	0 21	3 19	21 48	0 44	21 54	1 2	15 46	0 41	22 32	0 51	15 57	7 1	20 59	21 12	7 25	15 59	2 59
F 9	1 18	12 45	5 2	6 7	1 40	15 49	1 25	0 28	3 18	21 48	0 44	21 54	1 2	15 45	0 41	22 32	0 51	15 57	7 1	21 1	21 13	7 28	15 59	3 0
S 10	0 54	17 7	5 1	6 30	1 25	16 15	1 29	0 36	3 17	21 49	0 44	21 55	1 2	15 45	0 41	22 32	0 51	15 57	7 1	21 3	21 13	7 31	15 58	3 0
S 11	0 30	20 49	4 47	6 50	1 9	16 40	1 33	0 44	3 16	21 49	0 44	21 55	1 2	15 44	0 41	22 32	0 51	15 57	7 1	21 5	21 14	7 34	15 57	3 1
M12	0 7	23 40	4 20	7 8	0 54	17 5	1 37	0 52	3 15	21 49	0 44	21 56	1 1	15 43	0 41	22 32	0 51	15 58	7 0	21 7	21 15	7 37	15 56	3 2
T 13	0n17	25 29	3 41	7 24	0 39	17 30	1 41	1 0	3 14	21 49	0 44	21 56	1 1	15 42	0 41	22 32	0 51	15 58	7 0	21 7	21 15	7 39	15 55	3 2
W14	0 40	26 4	2 51	7 37	0 24	17 54	1 45	1 7	3 13	21 49	0 44	21 57	1 1	15 41	0 41	22 32	0 51	15 58	7 0	21 8	21 16	7 42	15 54	3 3
T 15	1 4	25 19	1 51	7 48	0 10	18 17	1 49	1 15	3 12	21 50	0 44	21 57	1 1	15 40	0 41	22 32	0 51	15 58	7 0	21 8	21 16	7 45	15 53	3 3
F 16	1 28	23 10	0 44	7 56	0s 4	18 41	1 53	1 23	3 10	21 50	0 44	21 58	1 1	15 39	0 41	22 32	0 51	15 59	7 0	21 8	21 17	7 48	15 52	3 4
S 17	1 51	19 39	0n27	8 2	0 17	19 3	1 56	1 31	3 9	21 50	0 44	21 59	1 0	15 39	0 41	22 33	0 51	15 59	6 59	21 8	21 17	7 51	15 51	3 4
S 18	2 15	14 56	1 40	8 5	0 30	19 26	2 0	1 39	3 7	21 50	0 44	21 59	1 0	15 38	0 41	22 33	0 51	15 59	6 59	21 8	21 18	7 54	15 50	3 5
M19	2 38	9 14	2 48	8 7	0 43	19 48	2 4	1 46	3 5	21 50	0 44	22 0	1 0	15 37	0 41	22 33	0 51	15 59	6 59	21 9	21 19	7 57	15 49	3 5
T 20	3 2	2 52	3 47	8 6	0 54	20 9	2 8	1 54	3 4	21 50	0 44	22 0	1 0	15 36	0 41	22 33	0 51	16 0	6 59	21 10	21 19	8 0	15 48	3 6
W21	3 25	3n47	4 31	8 3	1 5	20 30	2 11	2 2	3 2	21 50	0 45	22 1	1 0	15 35	0 41	22 33	0 51	16 0	6 59	21 12	21 20	8 3	15 47	3 6
T 22	3 48	10 15	4 56	7 57	1 16	20 51	2 15	2 9	3 0	21 50	0 45	22 1	1 0	15 35	0 41	22 33	0 51	16 0	6 58	21 13	21 20	8 5	15 46	3 7
F 23	4 11	16 4	5 0	7 50	1 26	21 11	2 18	2 16	2 58	21 50	0 45	22 2	0 59	15 34	0 41	22 33	0 51	16 0	6 58	21 15	21 21	8 8	15 45	3 7
S 24	4 35	20 49	4 43	7 40	1 35	21 30	2 22	2 23	2 56	21 50	0 45	22 2	0 59	15 33	0 41	22 33	0 51	16 1	6 58	21 17	21 21	8 11	15 44	3 8
S 25	4 58	24 7	4 7	7 29	1 44	21 49	2 25	2 30	2 54	21 50	0 45	22 3	0 59	15 32	0 41	22 33	0 51	16 1	6 58	21 19	21 22	8 14	15 43	3 8
M26	5 21	25 46	3 17	7 16	1 52	22 8	2 29	2 37	2 52	21 50	0 45	22 4	0 59	15 32	0 41	22 33	0 50	16 1	6 58	21 19	21 22	8 17	15 42	3 9
T 27	5 43	25 47	2 17	7 1	1 59	22 26	2 32	2 44	2 49	21 50	0 45	22 4	0 59	15 31	0 41	22 33	0 50	16 1	6 58	21 20	21 23	8 20	15 41	3 9
W28	6 6	24 17	1 12	6 44	2 6	22 43	2 36	2 50	2 47	21 50	0 45	22 5	0 58	15 30	0 41	22 33	0 50	16 2	6 57	21 20	21 24	8 23	15 39	3 10
T 29	6 29	21 34	0 5	6 26	2 13	23 0	2 39	2 56	2 45	21 49	0 45													

SWISS EPHEMERIS for the year 1414

APRIL 1414 JC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	13 9 57	19°Y21'50	0m 9	22X17	4II 9	27°R58	14°R 0	19II13	20≈11	5☉57	17II50	24°R 8	23☉42	10♁ 0	23°R21
M 2	13 13 54	20°20'24	12° 5	23°29	5°13	27m40	13X58	19°18	20°13	5°58	17°51	24☉ 2	23°39	10° 7	23m18
T 3	13 17 50	21°18'56	23°57	24°43	6°16	27°22	13°56	19°23	20°15	5°59	17°52	23°52	23°36	10°14	23°14
W 4	13 21 47	22°17'25	5♁49	25°59	7°18	27° 4	13°54	19°29	20°17	6° 0	17°53	23°40	23°33	10°21	23°11
T 5	13 25 44	23°15'53	17°41	27°18	8°21	26°48	13°52	19°34	20°19	6° 0	17°54	23°26	23°30	10°27	23° 8
F 6	13 29 40	24°14'19	29°36	28°39	9°23	26°31	13°49	19°40	20°21	6° 1	17°54	23°11	23°26	10°34	23° 4
S 7	13 33 37	25°12'42	11m35	0Y 1	10°24	26°16	13°47	19°45	20°23	6° 2	17°55	22°58	23°23	10°41	23° 1
S 8	13 37 33	26°11'04	23°38	1°26	11°26	26° 1	13°44	19°51	20°25	6° 3	17°56	22°46	23°20	10°48	22°57
M 9	13 41 30	27° 9'25	5X49	2°52	12°27	25°47	13°41	19°57	20°27	6° 4	17°57	22°37	23°17	10°54	22°53
T 10	13 45 26	28° 7'44	18° 8	4°21	13°27	25°34	13°37	20° 2	20°29	6° 5	17°58	22°30	23°14	11° 1	22°50
W 11	13 49 23	29° 6'01	0☉38	5°52	14°28	25°22	13°34	20° 8	20°30	6° 6	17°59	22°26	23°10	11° 8	22°46
T 12	13 53 19	0♁ 4'16	13°23	7°24	15°28	25°10	13°30	20°14	20°32	6° 8	18° 0	22°25	23° 7	11°14	22°42
F 13	13 57 16	1° 2'30	26°27	8°58	16°27	24°59	13°27	20°20	20°34	6° 9	18° 1	22°25	23° 4	11°21	22°38
S 14	14 1 13	2° 0'43	9≈52	10°34	17°26	24°49	13°23	20°26	20°35	6°10	18° 2	22°25	23° 1	11°28	22°34
S 15	14 5 9	2°58'54	23°42	12°12	18°25	24°39	13°19	20°32	20°37	6°11	18° 3	22°24	22°58	11°35	22°30
M 16	14 9 6	3°57'03	7X57	13°52	19°23	24°31	13°14	20°39	20°38	6°12	18° 4	22°20	22°55	11°41	22°26
T 17	14 13 2	4°55'11	22°37	15°34	20°21	24°23	13°10	20°45	20°40	6°13	18° 5	22°14	22°51	11°48	22°22
W 18	14 16 59	5°53'18	7Y36	17°18	21°18	24°16	13° 5	20°51	20°41	6°15	18° 7	22° 6	22°48	11°55	22°18
T 19	14 20 55	6°51'23	22°47	19° 3	22°15	24° 9	13° 1	20°57	20°43	6°16	18° 8	21°56	22°45	12° 1	22°14
F 20	14 24 52	7°49'26	7♁59	20°50	23°12	24° 4	12°56	21° 4	20°44	6°17	18° 9	21°45	22°42	12° 8	22°10
S 21	14 28 48	8°47'28	23° 1	22°40	24° 7	23°59	12°51	21°10	20°45	6°19	18°10	21°35	22°39	12°15	22° 5
S 22	14 32 45	9°45'28	7II45	24°31	25° 3	23°56	12°46	21°17	20°47	6°20	18°11	21°28	22°35	12°22	22° 1
M 23	14 36 42	10°43'27	22° 3	26°24	25°58	23°53	12°40	21°23	20°48	6°21	18°12	21°22	22°32	12°28	21°57
T 24	14 40 38	11°41'24	5☉52	28°18	26°52	23°50	12°35	21°30	20°49	6°23	18°13	21°19	22°29	12°35	21°53
W 25	14 44 35	12°39'18	19°12	0♁15	27°46	23°49	12°29	21°37	20°50	6°24	18°15	21°D18	22°26	12°42	21°48
T 26	14 48 31	13°37'11	2♁ 6	2°14	28°39	23°D48	12°23	21°43	20°51	6°26	18°16	21°18	22°23	12°49	21°44
F 27	14 52 28	14°35'03	14°38	4°14	29°31	23°48	12°18	21°50	20°52	6°27	18°17	21°R19	22°20	12°55	21°40
S 28	14 56 24	15°32'52	26°53	6°16	0☉23	23°49	12°12	21°57	20°53	6°29	18°18	21°18	22°16	13° 2	21°35
S 29	15 0 21	16°30'39	8m55	8°20	1°14	23°51	12° 6	22° 4	20°54	6°30	18°19	21°16	22°13	13° 9	21°31
M 30	15 4 17	17♁28'25	20m50	10♁25	2♁ 4	23m53	11X59	22II11	20≈55	6☉32	18II21	21☉11	22☉10	13♁15	21m27

Day	☉		☽		♀		♂		♃		♄		♅		♆		♇		♁		♂		♁		♃		♄	
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7n36	8n41	2s57	5s20	2s28	23n48	2n48	3n13	2n37	21s49	0n45	22n 7	0s58	15s27	0s41	22n33	0s50	16n 3	6s57	21s21	21s26	8s34	15s34	3n12				
M 2	7 58	3 36	3 44	4 55	2 32	24 3	2 51	3 18	2 35	21 49	0 45	22 8	0 58	15 27	0 41	22 33	0 50	16 3	6 56	21 22	21 26	8 37	15 33	3 12				
T 3	8 20	1s34	4 20	4 29	2 35	24 17	2 54	3 23	2 32	21 48	0 45	22 8	0 57	15 26	0 41	22 33	0 50	16 3	6 56	21 24	21 27	8 40	15 32	3 13				
W 4	8 42	6 40	4 45	4 1	2 38	24 30	2 57	3 27	2 30	21 48	0 45	22 9	0 57	15 26	0 41	22 33	0 50	16 3	6 56	21 26	21 27	8 43	15 31	3 13				
T 5	9 4	11 33	4 58	3 31	2 40	24 43	3 0	3 32	2 27	21 48	0 45	22 9	0 57	15 25	0 42	22 33	0 50	16 4	6 56	21 29	21 28	8 46	15 29	3 14				
F 6	9 26	16 0	4 57	3 1	2 42	24 56	3 2	3 36	2 24	21 48	0 45	22 10	0 57	15 24	0 42	22 33	0 50	16 4	6 56	21 31	21 28	8 48	15 28	3 14				
S 7	9 47	19 51	4 44	2 29	2 43	25 8	3 5	3 39	2 22	21 47	0 45	22 11	0 57	15 24	0 42	22 33	0 50	16 4	6 56	21 33	21 29	8 51	15 27	3 15				
S 8	10 8	22 54	4 18	1 55	2 43	25 19	3 7	3 43	2 19	21 47	0 45	22 11	0 57	15 23	0 42	22 33	0 50	16 4	6 55	21 35	21 30	8 54	15 25	3 15				
M 9	10 30	24 57	3 39	1 21	2 43	25 30	3 10	3 46	2 16	21 46	0 45	22 12	0 56	15 23	0 42	22 33	0 50	16 5	6 55	21 37	21 30	8 57	15 24	3 15				
T 10	11 50	25 49	2 50	0 45	2 42	25 40	3 12	3 49	2 14	21 46	0 45	22 12	0 56	15 22	0 42	22 33	0 50	16 5	6 55	21 38	21 31	9 0	15 23	3 16				
W 11	11 11	25 23	1 52	0 8	2 41	25 49	3 14	3 51	2 11	21 46	0 45	22 13	0 56	15 22	0 42	22 33	0 50	16 5	6 55	21 38	21 31	9 2	15 21	3 16				
T 12	11 32	23 38	0 48	0n30	2 39	25 58	3 16	3 53	2 8	21 45	0 45	22 14	0 56	15 21	0 42	22 33	0 50	16 5	6 55	21 39	21 32	9 5	15 20	3 17				
F 13	11 52	20 35	0n21	1 10	2 37	26 7	3 18	3 55	2 5	21 45	0 45	22 14	0 56	15 21	0 42	22 33	0 50	16 6	6 55	21 39	21 32	9 8	15 19	3 17				
S 14	12 13	16 22	1 31	1 50	2 34	26 14	3 20	3 57	2 3	21 44	0 45	22 15	0 56	15 20	0 42	22 33	0 50	16 6	6 54	21 39	21 33	9 11	15 17	3 18				
S 15	12 33	11 11	2 37	2 32	2 31	26 22	3 22	3 58	2 0	21 44	0 45	22 15	0 55	15 20	0 42	22 33	0 50	16 6	6 54	21 39	21 33	9 14	15 16	3 18				
M 16	12 53	5 16	3 36	3 14	2 27	26 28	3 23	3 59	1 57	21 43	0 45	22 16	0 55	15 19	0 42	22 33	0 50	16 6	6 54	21 40	21 34	9 17	15 14	3 18				
T 17	13 12	1n 4	4 22	3 57	2 22	26 34	3 25	3 59	1 55	21 43	0 45	22 17	0 55	15 19	0 42	22 33	0 50	16 6	6 54	21 40	21 34	9 19	15 13	3 19				
W 18	13 32	7 29	4 52	4 42	2 17	26 40	3 26	4 0	1 52	21 42	0 45	22 17	0 55	15 18	0 42	22 33	0 50	16 7	6 54	21 42	21 35	9 22	15 12	3 19				
T 19	13 51	13 32	5 1	5 27	2 12	26 44	3 27	4 0	1 49	21 42	0 45	22 18	0 55	15 18	0 42	22 33	0 50	16 7	6 54	21 43	21 35	9 25	15 10	3 20				
F 20	14 10	18 46	4 49	6 13	2 6	26 49	3 29	3 59	1 46	21 41	0 45	22 18	0 55	15 17	0 42	22 32	0 50	16 7	6 53	21 45	21 36	9 28	15 9	3 20				
S 21	14 29	22 44	4 18	7 0	2 0	26 52	3 29	3 59	1 44	21 40	0 45	22 19	0 55	15 17	0 42	22 32	0 50	16 7	6 53	21 47	21 36	9 31	15 7	3 20				
S 22	14 47	25 7	3 29	7 47	1 53	26 56	3 30	3 58	1 41	21 40	0 45	22 19	0 54	15 17	0 42	22 32	0 49	16 8	6 53	21 48	21 37	9 33	15 6	3 21				
M 23	15 5	25 45	2 29	8 35	1 45	26 58	3 31	3 57	1 38	21 39	0 45	22 20	0 54	15 16	0 42	22 32	0 49	16 8	6 53	21 49	21 38	9 36	15 5	3 21				
T 24	15 23	24 44	1 21	9 24	1 37	27 0	3 31	3 55	1 36	21 38	0 45	22 21	0 54	15 16	0 42	22 32	0 49	16 8	6 53	21 49	21 38	9 39	15 3	3 21				
W 25	15 41	22 19	0 11	10 13	1 29	27 2	3 32	3 53	1 33	21 38	0 45	22 21	0 54	15 16	0 42	22 32	0 49	16 8	6 53	21 49	21 39	9 42	15 2	3 22				
T 26	15 59	18 50	0s57	11 2	1 20	27 2	3 32	3 51	1 31	21 37	0 44	22 22	0 54	15 15	0 42	22 32	0 49	16 9	6 53	21 49	21 39	9 45	15 0	3 22				
F 27	16 16	14 34	2 1	11 51	1 11	27 3	3 32	3 49	1 28	21 36	0 44	22 22	0 54	15 15	0 42	22 32	0 49	16 9	6 53	21 49	21 40	9 47	14 59	3 22				
S 28	16 33	9 49	2 57	12 41	1 2	27 3	3 32	3 46	1 25	21 36	0 44	22 23	0 54	15 15	0 42	22 32	0 49	16 9	6 52	21 49	21 40	9 50	14 57	3 23				
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SWISS EPHEMERIS for the year 1414

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T 1	15 8 14	18♁26'10	2♃41	12♂31	2♁54	23♃56	11°R53	22♂18	20♁56	6♁34	18♂22	21°R 4	22♁ 7	13♁22	21°R22							
W 2	15 12 11	19°23'52	14°33	14°39	3°43	24° 0	11♁47	22°25	20°57	6°35	18°23	20♁54	22° 4	13°29	21♂18							
T 3	15 16 7	20°21'33	26°28	16°49	4°31	24° 5	11°40	22°32	20°58	6°37	18°24	20°44	22° 1	13°36	21°13							
F 4	15 20 4	21°19'13	8♂27	18°59	5°18	24°10	11°33	22°39	20°58	6°39	18°26	20°32	21°57	13°42	21° 9							
S 5	15 24 0	22°16'51	20°34	21°10	6° 5	24°16	11°27	22°46	20°59	6°40	18°27	20°22	21°54	13°49	21° 5							
S 6	15 27 57	23°14'29	2♃48	23°21	6°51	24°23	11°20	22°53	20°59	6°42	18°28	20°12	21°51	13°56	21° 0							
M 7	15 31 53	24°12'04	15°10	25°33	7°35	24°30	11°13	23° 0	21° 0	6°44	18°30	20° 5	21°48	14° 2	20°56							
T 8	15 35 50	25° 9'39	27°43	27°44	8°19	24°38	11° 6	23° 8	21° 1	6°45	18°31	20° 1	21°45	14° 9	20°51							
W 9	15 39 46	26° 7'13	10♁26	29°56	9° 2	24°47	10°59	23°15	21° 1	6°47	18°32	19°58	21°41	14°16	20°47							
T 10	15 43 43	27° 4'46	23°23	2♂ 7	9°44	24°56	10°52	23°22	21° 1	6°49	18°34	19°D58	21°38	14°23	20°43							
F 11	15 47 40	28° 2'17	6♁34	4°16	10°24	25° 6	10°44	23°29	21° 2	6°51	18°35	19°59	21°35	14°29	20°38							
S 12	15 51 36	28°59'48	20° 2	6°25	11° 4	25°17	10°37	23°37	21° 2	6°53	18°36	20° 0	21°32	14°36	20°34							
S 13	15 55 33	29°57'18	3♁49	8°33	11°43	25°28	10°30	23°44	21° 2	6°54	18°38	20°R 0	21°29	14°43	20°30							
M14	15 59 29	0♂54'48	17°55	10°39	12°20	25°39	10°22	23°52	21° 3	6°56	18°39	19°59	21°26	14°50	20°25							
T 15	16 3 26	1°52'16	2♂19	12°43	12°56	25°52	10°15	23°59	21° 3	6°58	18°40	19°55	21°22	14°56	20°21							
W16	16 7 22	2°49'44	16°59	14°45	13°31	26° 5	10° 7	24° 7	21° 3	7° 0	18°42	19°50	21°19	15° 3	20°17							
T 17	16 11 19	3°47'11	1♁48	16°46	14° 5	26°18	10° 0	24°14	21° 3	7° 2	18°43	19°44	21°16	15°10	20°13							
F 18	16 15 15	4°44'37	16°40	18°44	14°37	26°32	9°52	24°22	21°R 3	7° 4	18°45	19°37	21°13	15°16	20° 9							
S 19	16 19 12	5°42'02	1♂26	20°40	15° 8	26°47	9°45	24°29	21° 3	7° 6	18°46	19°31	21°10	15°23	20° 4							
S 20	16 23 9	6°39'27	15°58	22°33	15°37	27° 2	9°37	24°37	21° 3	7° 8	18°47	19°26	21° 7	15°30	20° 0							
M21	16 27 5	7°36'51	0♁10	24°24	16° 5	27°18	9°29	24°44	21° 3	7°10	18°49	19°22	21° 3	15°37	19°56							
T 22	16 31 2	8°34'13	13°57	26°12	16°31	27°34	9°22	24°52	21° 2	7°12	18°50	19°D21	21° 0	15°43	19°52							
W23	16 34 58	9°31'35	27°19	27°58	16°56	27°51	9°14	25° 0	21° 2	7°14	18°52	19°21	20°57	15°50	19°48							
T 24	16 38 55	10°28'56	10♁16	29°42	17°19	28° 8	9° 6	25° 7	21° 2	7°16	18°53	19°22	20°54	15°57	19°44							
F 25	16 42 51	11°26'15	22°52	1♁23	17°40	28°25	8°59	25°15	21° 2	7°18	18°54	19°24	20°51	16° 3	19°40							
S 26	16 46 48	12°23'34	5♂10	3° 1	17°59	28°44	8°51	25°23	21° 1	7°20	18°56	19°25	20°47	16°10	19°37							
S 27	16 50 44	13°20'52	17°14	4°36	18°17	29° 2	8°43	25°31	21° 1	7°22	18°57	19°R25	20°44	16°17	19°33							
M28	16 54 41	14°18'08	29°11	6° 9	18°32	29°21	8°36	25°38	21° 0	7°24	18°59	19°24	20°41	16°24	19°29							
T 29	16 58 38	15°15'24	11♁ 3	7°39	18°46	29°41	8°28	25°46	21° 0	7°26	19° 0	19°21	20°38	16°30	19°25							
W30	17 2 34	16°12'39	22°57	9° 7	18°57	0♁ 1	8°21	25°54	20°59	7°28	19° 2	19°17	20°35	16°37	19°22							
T 31	17 6 31	17♂ 9'53	4♂54	10♁32	19♁ 7	0♁21	8♁13	26♂ 2	20♁59	7♁30	19♂ 3	19♁12	20♁32	16♁44	19♂18							

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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	
T 1	17n22	5s28	4s48	15n 9	0s32	26n59	3n30	3n36	1n18	21s33	0n44	22n24	0s53	15s14	0s42	22n32	0s49	16n10	6s52	21s52	21s42	9s58	14s53	3n24
W 2	17 38	10 23	5 1	15 57	0 21	26 57	3 29	3 32	1 15	21 33	0 44	22 25	0 53	15 14	0 43	22 32	0 49	16 10	6 52	21 53	21 42	10 1	14 52	3 24
T 3	17 54	14 55	5 2	16 45	0 11	26 54	3 28	3 28	1 13	21 32	0 44	22 26	0 53	15 14	0 43	22 32	0 49	16 10	6 52	21 55	21 43	10 4	14 50	3 24
F 4	18 9	18 55	4 49	17 31	0n 0	26 51	3 27	3 24	1 11	21 31	0 44	22 26	0 53	15 13	0 43	22 32	0 49	16 10	6 52	21 56	21 43	10 7	14 49	3 24
S 5	18 24	22 10	4 23	18 17	0 11	26 48	3 25	3 20	1 8	21 30	0 44	22 27	0 53	15 13	0 43	22 32	0 49	16 11	6 52	21 58	21 44	10 9	14 48	3 25
S 6	18 39	24 27	3 44	19 1	0 21	26 44	3 24	3 15	1 6	21 29	0 44	22 27	0 52	15 13	0 43	22 32	0 49	16 11	6 51	21 59	21 44	10 12	14 46	3 25
M 7	18 53	25 35	2 55	19 43	0 31	26 39	3 22	3 10	1 4	21 28	0 44	22 28	0 52	15 13	0 43	22 32	0 49	16 11	6 51	22 0	21 45	10 15	14 45	3 25
T 8	19 7	25 26	1 56	20 23	0 41	26 34	3 19	3 4	1 1	21 27	0 44	22 28	0 52	15 13	0 43	22 32	0 49	16 11	6 51	22 1	21 45	10 18	14 43	3 25
W 9	19 21	23 57	0 51	21 2	0 51	26 29	3 17	2 59	0 59	21 26	0 44	22 29	0 52	15 13	0 43	22 32	0 49	16 12	6 51	22 2	21 46	10 20	14 42	3 26
T 10	19 34	21 11	0n18	21 38	1 1	26 23	3 14	2 53	0 57	21 26	0 44	22 29	0 52	15 13	0 43	22 32	0 49	16 12	6 51	22 2	21 46	10 23	14 41	3 26
F 11	19 47	17 16	1 28	22 12	1 9	26 17	3 11	2 47	0 54	21 25	0 44	22 30	0 52	15 13	0 43	22 31	0 49	16 12	6 51	22 1	21 47	10 26	14 39	3 26
S 12	20 0	12 24	2 34	22 44	1 18	26 11	3 8	2 41	0 52	21 24	0 43	22 30	0 52	15 13	0 43	22 31	0 49	16 12	6 51	22 1	21 47	10 29	14 38	3 26
S 13	20 12	6 50	3 33	23 13	1 26	26 4	3 5	2 35	0 50	21 23	0 43	22 31	0 52	15 12	0 43	22 31	0 49	16 12	6 51	22 1	21 48	10 31	14 37	3 27
M14	20 24	0 47	4 21	23 39	1 33	25 57	3 1	2 28	0 48	21 22	0 43	22 31	0 51	15 12	0 43	22 31	0 49	16 13	6 51	22 1	21 48	10 34	14 35	3 27
T 15	20 36	5n24	4 53	24 3	1 40	25 49	2 57	2 21	0 46	21 21	0 43	22 31	0 51	15 12	0 43	22 31	0 49	16 13	6 50	22 2	21 49	10 37	14 34	3 27
W16	20 48	11 25	5 7	24 23	1 46	25 42	2 53	2 14	0 44	21 20	0 43	22 32	0 51	15 12	0 43	22 31	0 49	16 13	6 50	22 3	21 49	10 39	14 33	3 27
T 17	20 59	16 50	5 1	24 42	1 51	25 33	2 48	2 7	0 42	21 19	0 43	22 32	0 51	15 12	0 43	22 31	0 49	16 13	6 50	22 4	21 50	10 42	14 31	3 27
F 18	21 9	21 15	4 34	24 57	1 55	25 25	2 43	1 59	0 40	21 18	0 43	22 33	0 51	15 13	0 43	22 31	0 49	16 13	6 50	22 5	21 50	10 45	14 30	3 27
S 19	21 20	24 16	3 50	25 10	1 59	25 16	2 38	1 52	0 38	21 17	0 43	22 33	0 51	15 13	0 43	22 31	0 49	16 14	6 50	22 6	21 51	10 48	14 29	3 28
S 20	21 29	25 36	2 51	25 20	2 2	25 8	2 33	1 44	0 36	21 16	0 43	22 34	0 51	15 13	0 43	22 31	0 49	16 14	6 50	22 7	21 51	10 50	14 28	3 28
M21	21 39	25 13	1 42	25 28	2 4	24 58	2 27	1 36	0 34	21 15	0 43	22 34	0 51	15 13	0 43	22 31	0 49	16 14	6 50	22 8	21 52	10 53	14 27	3 28
T 22	21 48	23 16	0 29	25 33	2 6	24 49	2 21	1 27	0 32	21 14	0 42	22 34	0 51	15 13	0 43	22 31	0 49	16 14	6 50	22 9	21 52	10 56	14 25	3 28
W23	21 57	20 3	0s43	25 37	2 7	24 39	2 14	1 19	0 30	21 13	0 42	22 35	0 50	15 13	0 43	22 31	0 49	16 14	6 50	22 10	21 53	10 58	14 24	3 28
T 24	22 5	15 56	1 51	25 38	2 7	24 30	2 7	1 10	0 28	21 12	0 42	22 35	0 50	15 13	0 43	22 30	0 49	16 15	6 50	22 7	21 53	11 1	14 23	3 28
F 25	22 14	11 14	2 52	25 36	2 6	24 20	2 0	1 2	0 26	21 10	0 42	22 36	0 50	15 13	0 43	22 30	0 49	16 15	6 50	22 8	21 54	11 4	14 22	3 28
S 26	22 21	6 11	3 43	25 33	2 4	24 10	1 53	0 53	0 24	21 9	0 42	22 36	0 50	15 13	0 43	22 30	0 49	16 15	6 50	22 9	21 54	11 6	14 21	3 29
S 27	22 28	1 0	4 24	25 28	2 2	24 0	1 45	0 44	0 23	21 8	0 42	22 36	0 50	15 13	0 43	22 30	0 49	16 15	6 50	22 10	21 55	11 9		

SWISS EPHEMERIS for the year 1414

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F 1	17 10 27	18II 7'07	16III 59	11☾54	19☽14	0♂42	8°R 6	26II 9	20°R58	7☽33	19II 4	19°R 7	20☽28	16♂51	19°R15	
S 2	17 14 24	19° 4'20	29°14	13°13	19°19	1° 4	7♂58	26°17	20≈57	7°35	19° 6	19☽ 2	20°25	16°57	19III11	
S 3	17 18 20	20° 1'32	11♂40	14°30	19°22	1°25	7°51	26°25	20°57	7°37	19° 7	18°57	20°22	17° 4	19° 8	
M 4	17 22 17	20°58'44	24°18	15°43	19°R22	1°47	7°44	26°33	20°56	7°39	19° 9	18°54	20°19	17°11	19° 5	
T 5	17 26 13	21°55'56	7☽ 9	16°54	19°20	2°10	7°36	26°41	20°55	7°41	19°10	18°52	20°16	17°17	19° 1	
W 6	17 30 10	22°53'07	20°12	18° 2	19°16	2°33	7°29	26°48	20°54	7°43	19°12	18°D52	20°13	17°24	18°58	
T 7	17 34 7	23°50'18	3≈29	19° 6	19° 9	2°56	7°22	26°56	20°53	7°45	19°13	18°53	20° 9	17°31	18°55	
F 8	17 38 3	24°47'29	16°58	20° 8	19° 0	3°20	7°15	27° 4	20°52	7°48	19°14	18°54	20° 6	17°38	18°52	
S 9	17 42 0	25°44'40	0♂40	21° 6	18°49	3°44	7° 8	27°12	20°51	7°50	19°16	18°55	20° 3	17°44	18°49	
S 10	17 45 56	26°41'50	14°33	22° 1	18°35	4° 8	7° 1	27°20	20°50	7°52	19°17	18°56	20° 0	17°51	18°46	
M11	17 49 53	27°39'01	28°39	22°52	18°18	4°33	6°55	27°28	20°49	7°54	19°19	18°R57	19°57	17°58	18°44	
T 12	17 53 49	28°36'12	12♀54	23°40	18° 0	4°58	6°48	27°35	20°48	7°56	19°20	18°56	19°53	18° 5	18°41	
W13	17 57 46	29°33'23	27°16	24°25	17°39	5°23	6°41	27°43	20°47	7°59	19°22	18°55	19°50	18°11	18°38	
T 14	18 1 42	0☽30'34	11♂43	25° 5	17°16	5°49	6°35	27°51	20°45	8° 1	19°23	18°53	19°47	18°18	18°36	
F 15	18 5 39	1°27'46	26° 8	25°42	16°51	6°15	6°28	27°59	20°44	8° 3	19°24	18°51	19°44	18°25	18°33	
S 16	18 9 36	2°24'58	10II28	26°14	16°24	6°41	6°22	28° 7	20°43	8° 5	19°26	18°48	19°41	18°31	18°31	
S 17	18 13 32	3°22'10	24°37	26°43	15°55	7° 8	6°16	28°15	20°42	8° 7	19°27	18°47	19°38	18°38	18°28	
M18	18 17 29	4°19'22	8☽30	27° 7	15°25	7°35	6°10	28°23	20°40	8°10	19°29	18°46	19°34	18°45	18°26	
T 19	18 21 25	5°16'34	22° 5	27°27	14°53	8° 2	6° 4	28°30	20°39	8°12	19°30	18°D46	19°31	18°52	18°24	
W20	18 25 22	6°13'45	5♂19	27°42	14°19	8°29	5°58	28°38	20°37	8°14	19°31	18°46	19°28	18°58	18°22	
T 21	18 29 18	7°10'57	18°13	27°53	13°44	8°57	5°53	28°46	20°36	8°16	19°33	18°47	19°25	19° 5	18°20	
F 22	18 33 15	8° 8'09	0III49	27°59	13° 8	9°25	5°47	28°54	20°34	8°19	19°34	18°48	19°22	19°12	18°18	
S 23	18 37 12	9° 5'21	13° 8	28°R 0	12°32	9°54	5°42	29° 2	20°33	8°21	19°35	18°49	19°19	19°19	18°16	
S 24	18 41 8	10° 2'32	25°14	27°57	11°55	10°23	5°37	29° 9	20°31	8°23	19°37	18°50	19°15	19°25	18°15	
M25	18 45 5	10°59'44	7♂12	27°48	11°17	10°52	5°32	29°17	20°29	8°25	19°38	18°R50	19°12	19°32	18°13	
T 26	18 49 1	11°56'55	19° 5	27°36	10°40	11°21	5°27	29°25	20°28	8°28	19°39	18°50	19° 9	19°39	18°12	
W27	18 52 58	12°54'07	1III 0	27°18	10° 3	11°50	5°22	29°32	20°26	8°30	19°41	18°50	19° 6	19°45	18°10	
T 28	18 56 54	13°51'19	12°59	26°56	9°26	12°20	5°17	29°40	20°24	8°32	19°42	18°49	19° 3	19°52	18° 9	
F 29	19 0 51	14°48'31	25° 8	26°30	8°50	12°50	5°13	29°48	20°22	8°34	19°43	18°49	18°59	19°59	18° 8	
S 30	19 4 47	15☽45'43	7♂28	26☽ 1	8☽14	13♂21	5♂ 9	29II56	20≈21	8☽36	19II45	18☽48	18☽56	20♂ 6	18III 7	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	22n59	21s22	4s36	24n39	1n40	23n 7	0n59	0s 4	0n14	21s 3	0n41	22n38	0s50	15s15	0s44	22n30
S 2	23 4	23 56	3 58	24 25	1 34	22 56	0 49	0 14	0 12	21 2	0 41	22 38	0 49	15 15	0 44	22 30
S 3	23 8	25 23	3 10	24 10	1 27	22 45	0 39	0 24	0 11	21 1	0 41	22 39	0 49	15 15	0 44	22 29
M 4	23 12	25 34	2 11	23 54	1 19	22 34	0 28	0 35	0 9	21 0	0 41	22 39	0 49	15 15	0 44	22 29
T 5	23 16	24 23	1 4	23 37	1 11	22 23	0 16	0 45	0 7	20 59	0 40	22 39	0 49	15 16	0 44	22 29
W 6	23 19	21 52	0n 7	23 19	1 2	22 12	0 5	0 56	0 6	20 58	0 40	22 40	0 49	15 16	0 44	22 29
T 7	23 22	18 9	1 19	23 1	0 52	22 1	0s 7	1 6	0 4	20 57	0 40	22 40	0 49	15 16	0 44	22 29
F 8	23 25	13 27	2 28	22 42	0 42	21 50	0 20	1 17	0 3	20 56	0 40	22 40	0 49	15 17	0 44	22 29
S 9	23 27	8 0	3 30	22 22	0 31	21 39	0 33	1 28	0 1	20 55	0 40	22 40	0 49	15 17	0 44	22 29
S 10	23 28	2 6	4 20	22 2	0 20	21 28	0 46	1 39	0s 0	20 54	0 40	22 41	0 49	15 17	0 44	22 29
M11	23 30	3n58	4 55	21 42	0 8	21 17	0 59	1 50	0 2	20 53	0 39	22 41	0 49	15 18	0 44	22 29
T 12	23 31	9 54	5 13	21 22	0s 4	21 6	1 13	2 2	0 3	20 52	0 39	22 41	0 49	15 18	0 44	22 28
W13	23 31	15 22	5 11	21 2	0 17	20 55	1 26	2 13	0 5	20 51	0 39	22 41	0 49	15 19	0 44	22 28
T 14	23 31	19 59	4 50	20 42	0 30	20 44	1 40	2 25	0 6	20 50	0 39	22 41	0 48	15 19	0 44	22 28
F 15	23 30	23 24	4 11	20 22	0 44	20 33	1 54	2 36	0 8	20 49	0 39	22 42	0 48	15 19	0 44	22 28
S 16	23 30	25 19	3 16	20 2	0 58	20 23	2 9	2 48	0 9	20 49	0 39	22 42	0 48	15 20	0 44	22 28
S 17	23 28	25 34	2 9	19 42	1 12	20 12	2 23	3 0	0 10	20 48	0 38	22 42	0 48	15 20	0 44	22 28
M18	23 27	24 11	0 56	19 23	1 27	20 1	2 37	3 12	0 12	20 47	0 38	22 42	0 48	15 21	0 44	22 28
T 19	23 25	21 24	0s18	19 5	1 41	19 51	2 51	3 24	0 13	20 46	0 38	22 42	0 48	15 21	0 44	22 28
W20	23 22	17 32	1 30	18 47	1 56	19 40	3 5	3 36	0 14	20 45	0 38	22 43	0 48	15 22	0 44	22 28
T 21	23 19	12 57	2 36	18 30	2 12	19 30	3 19	3 48	0 16	20 44	0 38	22 43	0 48	15 22	0 44	22 27
F 22	23 16	7 55	3 32	18 14	2 27	19 20	3 33	4 0	0 17	20 44	0 37	22 43	0 48	15 23	0 44	22 27
S 23	23 12	2 41	4 17	17 59	2 42	19 10	3 46	4 13	0 18	20 43	0 37	22 43	0 48	15 23	0 44	22 27
S 24	23 8	2s32	4 50	17 45	2 57	19 1	3 59	4 25	0 19	20 42	0 37	22 43	0 48	15 24	0 44	22 27
M25	23 4	7 36	5 10	17 33	3 11	18 51	4 12	4 38	0 21	20 41	0 37	22 43	0 48	15 24	0 44	22 27
T 26	22 59	12 22	5 17	17 21	3 25	18 42	4 24	4 50	0 22	20 41	0 37	22 43	0 48	15 25	0 44	22 27
W27	22 53	16 41	5 9	17 11	3 39	18 33	4 35	5 3	0 23	20 40	0 36	22 43	0 47	15 26	0 45	22 27
T 28	22 48	20 22	4 49	17 3	3 52	18 25	4 46	5 16	0 24	20 40	0 36	22 44	0 47	15 26	0 45	22 26
F 29	22 41	23 14	4 15	16 56	4 4	18 17	4 57	5 29	0 25	20 39	0 36	22 44	0 47	15 27	0 45	22 26
S 30	22n35	25s 4	3s29	16n50	4s15	18n 9	5s 7	5s41	0s27	20s38	0n36	22n44	0s47	15s27	0s45	22n26

Julian Day Number = 2237672.5, Delta T = 297.38 sec
 Ecliptic obliquity = 23°30'58", Nutation = 0°00'15"
 Ayanamsha: Fagan/Bradley = 16°34'17", Lahiri = 15°41'17" Julian Calendar 1 June 1414 == Greg. Calendar 10 June 1414

SWISS EPHEMERIS for the year 1414

JULY 1414 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	19 8 44	16°42'55	20°7' 4	25°R27	7°R40	13°51	5°R 5	0°33	20°R19	8°39	19°46	18°R48	18°53	20°12	18°R 6
M 2	19 12 41	17°40'08	2°35' 7	24°51	7°57	14°22	5°R 1	0°11	20°17	8°41	19°47	18°348	18°50	20°19	18°M 5
T 3	19 16 37	18°37'22	16° 7	24°13	6°35	14°53	4°57	0°18	20°15	8°43	19°49	18°48	18°47	20°26	18° 4
W 4	19 20 34	19°34'35	29°33	23°32	6° 5	15°24	4°53	0°26	20°13	8°45	19°50	18°48	18°44	20°32	18° 3
T 5	19 24 30	20°31'50	13°15	22°50	5°37	15°56	4°50	0°34	20°11	8°47	19°51	18°48	18°40	20°39	18° 2
F 6	19 28 27	21°29'05	27°10	22° 8	5°11	16°27	4°46	0°41	20° 9	8°50	19°52	18°47	18°37	20°46	18° 2
S 7	19 32 23	22°26'21	11°15	21°27	4°47	16°59	4°43	0°49	20° 7	8°52	19°54	18°47	18°34	20°53	18° 1
S 8	19 36 20	23°23'37	25°26	20°46	4°25	17°31	4°40	0°56	20° 5	8°54	19°55	18°47	18°31	20°59	18° 1
M 9	19 40 16	24°20'55	9°41	20° 7	4° 5	18° 4	4°38	1° 3	20° 3	8°56	19°56	18°46	18°28	21° 6	18° 1
T 10	19 44 13	25°18'13	23°57	19°30	3°48	18°36	4°35	1°11	20° 1	8°58	19°57	18°D46	18°25	21°13	18° 1
W 11	19 48 10	26°15'33	8°10	18°57	3°33	19° 9	4°33	1°18	19°59	9° 1	19°59	18°46	18°21	21°20	18°D 1
T 12	19 52 6	27°12'54	22°18	18°28	3°20	19°42	4°30	1°26	19°57	9° 3	20° 0	18°47	18°18	21°26	18° 1
F 13	19 56 3	28°10'16	6°11	18° 3	3°10	20°15	4°28	1°33	19°55	9° 5	20° 1	18°47	18°15	21°33	18° 1
S 14	19 59 59	29° 7'39	20°12	17°43	3° 2	20°49	4°26	1°40	19°52	9° 7	20° 2	18°48	18°12	21°40	18° 1
S 15	20 3 56	0°15' 04	3°54	17°28	2°57	21°22	4°25	1°48	19°50	9° 9	20° 3	18°49	18° 9	21°46	18° 1
M 16	20 7 52	1° 2'29	17°22	17°19	2°54	21°56	4°23	1°55	19°48	9°11	20° 4	18°R49	18° 5	21°53	18° 2
T 17	20 11 49	1°59'55	0°37	17°D17	2°D53	22°30	4°22	2° 2	19°46	9°13	20° 5	18°49	18° 2	22° 0	18° 2
W 18	20 15 45	2°57'22	13°36	17°20	2°54	23° 4	4°21	2° 9	19°44	9°15	20° 7	18°48	17°59	22° 7	18° 3
T 19	20 19 42	3°54'50	26°20	17°30	2°58	23°39	4°20	2°16	19°41	9°17	20° 8	18°46	17°56	22°13	18° 4
F 20	20 23 39	4°52'19	8°15	17°47	3° 4	24°13	4°19	2°23	19°39	9°19	20° 9	18°44	17°53	22°20	18° 5
S 21	20 27 35	5°49'49	21° 6	18°10	3°12	24°48	4°18	2°30	19°37	9°22	20°10	18°42	17°50	22°27	18° 6
S 22	20 31 32	6°47'20	3°11	18°40	3°23	25°23	4°18	2°37	19°34	9°24	20°11	18°39	17°46	22°34	18° 7
M 23	20 35 28	7°44'51	15° 8	19°16	3°35	25°58	4°18	2°44	19°32	9°26	20°12	18°37	17°43	22°40	18° 8
T 24	20 39 25	8°42'24	27° 1	20° 0	3°50	26°34	4°D18	2°51	19°30	9°28	20°13	18°36	17°40	22°47	18° 9
W 25	20 43 21	9°39'57	8°15	20°49	4° 6	27° 9	4°18	2°58	19°27	9°30	20°14	18°D35	17°37	22°54	18°10
T 26	20 47 18	10°37'32	20°54	21°46	4°24	27°45	4°18	3° 5	19°25	9°32	20°15	18°36	17°34	23° 0	18°12
F 27	20 51 14	11°35'07	3°17	22°48	4°44	28°21	4°19	3°11	19°23	9°34	20°16	18°37	17°31	23° 7	18°13
S 28	20 55 11	12°32'44	15°24	23°56	5° 6	28°57	4°19	3°18	19°20	9°35	20°17	18°38	17°27	23°14	18°15
S 29	20 59 8	13°30'21	28° 4	25°11	5°30	29°33	4°20	3°25	19°18	9°37	20°18	18°40	17°24	23°21	18°17
M 30	21 3 4	14°28'00	11°5	26°31	5°55	0°M 9	4°21	3°31	19°16	9°39	20°19	18°41	17°21	23°27	18°19
T 31	21 7 1	15°25'39	24°29	27°56	6°22	0°M 45	4°23	3°38	19°13	9°41	20°20	18°R41	17°18	23°34	18°M 21

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	22n28	25s41	2s33	16n46	4s25	18n 2	5s16	5s54	0s28	20s38	0n36	22n44	0s47	15s28	0s45	22n26	0s48	16n20	6s49	22s12	22s11	12s41	13s56	3n29
M 2	22 21	24 56	1 27	16 44	4 34	17 55	5 25	6 7	0 29	20 37	0 35	22 44	0 47	15 29	0 45	22 26	0 48	16 20	6 49	22 12	22 11	12 43	13 56	3 29
T 3	22 13	22 47	0 15	16 44	4 41	17 49	5 33	6 21	0 30	20 37	0 35	22 44	0 47	15 29	0 45	22 26	0 48	16 20	6 49	22 12	22 12	12 46	13 56	3 29
W 4	22 5 19	21 21	0n59	16 45	4 47	17 43	5 40	6 34	0 31	20 36	0 35	22 44	0 47	15 30	0 45	22 26	0 48	16 20	6 49	22 12	22 12	12 48	13 55	3 28
T 5	21 57	14 48	2 11	16 47	4 51	17 38	5 46	6 47	0 32	20 36	0 35	22 44	0 47	15 31	0 45	22 25	0 48	16 20	6 49	22 12	22 13	12 51	13 55	3 28
F 6	21 48	9 25	3 17	16 52	4 54	17 33	5 52	7 0	0 33	20 36	0 35	22 44	0 47	15 31	0 45	22 25	0 48	16 20	6 49	22 12	22 13	12 53	13 55	3 28
S 7	21 38	3 30	4 11	16 57	4 54	17 29	5 57	7 13	0 34	20 35	0 34	22 44	0 47	15 32	0 45	22 25	0 48	16 20	6 49	22 12	22 13	12 56	13 55	3 28
S 8	21 29	2n38	4 51	17 4	4 53	17 25	6 2	7 27	0 35	20 35	0 34	22 44	0 47	15 33	0 45	22 25	0 48	16 20	6 49	22 12	22 14	12 58	13 55	3 28
M 9	21 19	8 38	5 13	17 13	4 51	17 21	6 6	7 40	0 36	20 35	0 34	22 44	0 47	15 33	0 45	22 25	0 48	16 20	6 49	22 12	22 14	13 1	13 55	3 28
T 10	21 9	14 12	5 15	17 22	4 46	17 19	6 9	7 53	0 37	20 34	0 34	22 44	0 47	15 34	0 45	22 25	0 48	16 20	6 49	22 12	22 15	13 3	13 55	3 28
W 11	20 58	18 59	4 59	17 33	4 40	17 16	6 12	8 7	0 38	20 34	0 33	22 44	0 47	15 35	0 45	22 25	0 48	16 20	6 49	22 12	22 15	13 6	13 55	3 28
T 12	20 47	22 39	4 24	17 44	4 33	17 15	6 14	8 20	0 39	20 34	0 33	22 44	0 47	15 35	0 45	22 24	0 48	16 20	6 49	22 12	22 16	13 9	13 56	3 28
F 13	20 36	24 57	3 34	17 56	4 24	17 13	6 15	8 34	0 40	20 34	0 33	22 44	0 47	15 36	0 45	22 24	0 48	16 20	6 49	22 12	22 16	13 11	13 56	3 28
S 14	20 24	25 41	2 32	18 9	4 13	17 12	6 16	8 47	0 41	20 34	0 33	22 44	0 47	15 37	0 45	22 24	0 48	16 20	6 49	22 12	22 16	13 14	13 56	3 27
S 15	20 12	24 49	1 22	18 22	4 2	17 12	6 17	9 1	0 42	20 34	0 33	22 44	0 46	15 37	0 45	22 24	0 48	16 20	6 49	22 11	22 17	13 16	13 56	3 27
M 16	19 59	22 31	0 8	18 36	3 49	17 12	6 17	9 14	0 43	20 33	0 32	22 44	0 46	15 38	0 45	22 24	0 48	16 20	6 49	22 11	22 17	13 19	13 56	3 27
T 17	19 47	19 2	1s 5	18 50	3 36	17 13	6 17	9 28	0 44	20 33	0 32	22 44	0 46	15 39	0 45	22 24	0 48	16 20	6 49	22 11	22 18	13 21	13 57	3 27
W 18	19 34	14 40	2 13	19 4	3 21	17 13	6 16	9 42	0 45	20 33	0 32	22 44	0 46	15 40	0 45	22 24	0 48	16 20	6 50	22 12	22 18	13 23	13 57	3 27
T 19	19 20	9 45	3 13	19 17	3 6	17 15	6 14	9 55	0 46	20 33	0 32	22 44	0 46	15 40	0 45	22 23	0 48	16 20	6 50	22 12	22 19	13 26	13 57	3 27
F 20	19 6	4 33	4 2	19 31	2 51	17 16	6 13	10 9	0 47	20 33	0 32	22 43	0 46	15 41	0 45	22 23	0 48	16 20	6 50	22 12	22 19	13 28	13 58	3 27
S 21	18 52	0s44	4 39	19 43	2 35	17 18	6 11	10 22	0 48	20 34	0 31	22 43	0 46	15 42	0 45	22 23	0 48	16 20	6 50	22 12	22 19	13 31	13 58	3 27
S 22	18 38	5 54	5 3	19 55	2 19	17 20	6 8	10 36	0 49	20 34	0 31	22 43	0 46	15 42	0 45	22 23	0 48	16 20	6 50	22 13	22 20	13 33	13 58	3 27
M 23	18 23	10 48	5 14	20 6	2 2	17 22	6 6	10 50	0 49	20 34	0 31	22 43	0 46	15 43	0 45	22 23	0 48	16 20	6 50	22 13	22 20	13 36	13 59	3 26
T 24	18 8	15 17	5 11	20 16	1 46	17 25	6 3	11 3	0 50	20 34	0 31	22 43	0 46	15 44	0 45	22 23	0 48	16 20	6 50	22 13	22 21	13 38	13 59	3 26
W 25	17 53	19 10	4 55	20 25	1 30	17 28	5 59	11 17	0 51	20 34	0 31	22 43	0 46	15 45	0 45	22 23	0 48	16 20	6 50	22 13	22 21	13 41	14 0	3 26
T 26	17 38	22 19	4 26	20 32	1 14	17 31	5 56	11 31	0 52	20 35	0 30	22 43	0 46	15 45	0 45	22 22	0 48	16 20	6 50	22 13	22 22	13 43	14 0	3 26
F 27	17 22	24 31	3 45	20 38	0 58	17 34	5 52	11 44	0 53	20 35	0 30	22 43	0 46	15 46	0 45	22 22	0 48	16 20	6 50	22 13	22 22	13 46	14 1	3 26
S 28	17 6	25 34	2 53	20 41	0 43	17 37	5 48	11 58	0 53	20 35	0 30	22 43	0 46	15 47	0 45	22 22	0 4							

SWISS EPHEMERIS for the year 1414

AUGUST 1414 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	21 10 57	16°23'20	8♁15	29♁26	6♁50	1♁22	4♁24	3♁44	19°R11	9♁43	20♁20	18°R40	17♁15	23♁41	18♁23
T 2	21 14 54	17°21'03	22°22	1♁ 1	7°20	1°59	4°26	3°51	19° 8	9°45	20°21	18°37	17°11	23°47	18°25
F 3	21 18 50	18°18'46	6♁44	2°40	7°51	2°36	4°28	3°57	19° 6	9°47	20°22	18°34	17° 8	23°54	18°27
S 4	21 22 47	19°16'31	21°17	4°22	8°24	3°13	4°30	4° 4	19° 4	9°49	20°23	18°29	17° 5	24° 1	18°29
S 5	21 26 43	20°14'18	5♁54	6° 8	8°58	3°50	4°32	4°10	19° 1	9°50	20°24	18°25	17° 2	24° 8	18°32
M 6	21 30 40	21°12'06	20°28	7°57	9°34	4°28	4°34	4°16	18°59	9°52	20°25	18°21	16°59	24°14	18°34
T 7	21 34 37	22° 9'57	4♁54	9°49	10°10	5° 5	4°37	4°22	18°56	9°54	20°25	18°19	16°56	24°21	18°37
W 8	21 38 33	23° 7'49	19° 9	11°43	10°48	5°43	4°39	4°28	18°54	9°56	20°26	18°D18	16°52	24°28	18°40
T 9	21 42 30	24° 5'43	3♁ 9	13°38	11°27	6°21	4°42	4°34	18°52	9°57	20°27	18°18	16°49	24°35	18°42
F 10	21 46 26	25° 3'39	16°55	15°34	12° 7	6°59	4°45	4°40	18°49	9°59	20°28	18°19	16°46	24°41	18°45
S 11	21 50 23	26° 1'36	0♁27	17°32	12°49	7°37	4°49	4°46	18°47	10° 1	20°28	18°20	16°43	24°48	18°48
S 12	21 54 19	26°59'36	13°44	19°30	13°31	8°15	4°52	4°52	18°45	10° 2	20°29	18°R21	16°40	24°55	18°51
M13	21 58 16	27°57'37	26°49	21°28	14°14	8°54	4°56	4°58	18°42	10° 4	20°30	18°21	16°37	25° 1	18°54
T 14	22 2 12	28°55'41	9♁42	23°26	14°58	9°32	4°59	5° 4	18°40	10° 6	20°30	18°19	16°33	25° 8	18°58
W15	22 6 9	29°53'46	22°23	25°25	15°43	10°11	5° 3	5° 9	18°37	10° 7	20°31	18°15	16°30	25°15	19° 1
T 16	22 10 6	0♁51'52	4♁53	27°22	16°29	10°50	5° 7	5°15	18°35	10° 9	20°32	18° 9	16°27	25°22	19° 4
F 17	22 14 2	1°50'00	17°12	29°19	17°16	11°29	5°12	5°20	18°33	10°10	20°32	18° 2	16°24	25°28	19° 8
S 18	22 17 59	2°48'10	29°21	1♁16	18° 4	12° 8	5°16	5°26	18°31	10°12	20°33	17°53	16°21	25°35	19°11
S 19	22 21 55	3°46'22	11♁22	3°11	18°53	12°47	5°21	5°31	18°28	10°13	20°33	17°45	16°17	25°42	19°15
M20	22 25 52	4°44'35	23°17	5° 6	19°42	13°26	5°25	5°36	18°26	10°15	20°34	17°37	16°14	25°48	19°19
T 21	22 29 48	5°42'50	5♁ 9	7° 0	20°32	14° 6	5°30	5°42	18°24	10°16	20°34	17°31	16°11	25°55	19°23
W22	22 33 45	6°41'06	17° 0	8°53	21°22	14°45	5°36	5°47	18°21	10°18	20°35	17°27	16° 8	26° 2	19°27
T 23	22 37 41	7°39'24	28°56	10°44	22°14	15°25	5°41	5°52	18°19	10°19	20°35	17°25	16° 5	26° 9	19°31
F 24	22 41 38	8°37'44	11♁ 1	12°35	23° 6	16° 5	5°46	5°57	18°17	10°20	20°36	17°D24	16° 2	26°15	19°35
S 25	22 45 35	9°36'05	23°20	14°24	23°59	16°45	5°52	6° 2	18°15	10°22	20°36	17°25	15°58	26°22	19°39
S 26	22 49 31	10°34'28	5♁59	16°13	24°52	17°25	5°58	6° 6	18°13	10°23	20°36	17°26	15°55	26°29	19°43
M27	22 53 28	11°32'52	19° 0	18° 0	25°46	18° 6	6° 3	6°11	18°11	10°24	20°37	17°R27	15°52	26°36	19°48
T 28	22 57 24	12°31'18	2♁28	19°46	26°40	18°46	6°10	6°16	18° 8	10°26	20°37	17°26	15°49	26°42	19°52
W29	23 1 21	13°29'46	16°24	21°31	27°36	19°26	6°16	6°20	18° 6	10°27	20°37	17°22	15°46	26°49	19°57
T 30	23 5 17	14°28'16	0♁46	23°15	28°31	20° 7	6°22	6°25	18° 4	10°28	20°38	17°17	15°42	26°56	20° 1
F 31	23 9 14	15°26'47	15♁30	24°58	29♁27	20♁48	6♁29	6♁29	18° 2	10♁29	20°38	17° 9	15♁39	27° 2	20♁ 6

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	15n59	16s34	1n45	20n33	0n14	17n50	5s30	12s52	0s57	20s37	0n29	22n42	0s46	15s50	0s45	22n22	0s48	16n20	6s50	22s13	22s24	13s58	14s 4	3n25
T 2	15 41	11 22	2 54	20 25	0 26	17 54	5 25	13 6	0 57	20 37	0 29	22 42	0 46	15 51	0 45	22 21	0 48	16 20	6 51	22 13	22 24	14 0	14 5	3 25
F 3	15 23	5 28	3 53	20 14	0 37	17 57	5 20	13 19	0 58	20 38	0 29	22 42	0 46	15 51	0 45	22 21	0 48	16 20	6 51	22 14	22 25	14 3	14 5	3 25
S 4	15 5	0n47	4 38	20 0	0 48	18 0	5 15	13 33	0 59	20 38	0 28	22 42	0 46	15 52	0 45	22 21	0 48	16 20	6 51	22 14	22 25	14 5	14 6	3 25
S 5	14 47	7 0	5 4	19 44	0 58	18 3	5 10	13 46	0 59	20 39	0 28	22 41	0 46	15 53	0 45	22 21	0 48	16 20	6 51	22 15	22 26	14 8	14 7	3 25
M 6	14 29	12 49	5 11	19 25	1 7	18 6	5 5	14 0	1 0	20 40	0 28	22 41	0 46	15 54	0 45	22 21	0 48	16 20	6 51	22 15	22 26	14 10	14 8	3 25
T 7	14 10	17 53	4 59	19 3	1 15	18 9	4 59	14 13	1 1	20 40	0 28	22 41	0 46	15 55	0 45	22 21	0 48	16 20	6 51	22 16	22 26	14 12	14 8	3 25
W 8	13 51	21 51	4 28	18 38	1 22	18 12	4 53	14 26	1 2	20 41	0 28	22 41	0 46	15 55	0 45	22 21	0 48	16 20	6 51	22 16	22 27	14 15	14 9	3 24
T 9	13 32	24 28	3 41	18 11	1 28	18 15	4 48	14 39	1 2	20 42	0 27	22 41	0 46	15 56	0 45	22 20	0 48	16 20	6 51	22 16	22 27	14 17	14 10	3 24
F 10	13 13	25 34	2 43	17 42	1 33	18 17	4 42	14 53	1 3	20 42	0 27	22 41	0 46	15 57	0 45	22 20	0 48	16 20	6 51	22 16	22 28	14 20	14 11	3 24
S 11	12 53	25 7	1 36	17 11	1 38	18 19	4 36	15 6	1 4	20 43	0 27	22 40	0 45	15 57	0 45	22 20	0 48	16 20	6 51	22 15	22 28	14 22	14 12	3 24
S 12	12 33	23 13	0 25	16 37	1 41	18 21	4 30	15 19	1 4	20 44	0 27	22 40	0 45	15 58	0 45	22 20	0 48	16 20	6 51	22 15	22 28	14 24	14 13	3 24
M13	12 13	20 7	0s46	16 2	1 44	18 22	4 24	15 32	1 5	20 45	0 27	22 40	0 45	15 59	0 45	22 20	0 48	16 20	6 52	22 15	22 29	14 27	14 14	3 24
T 14	11 53	16 4	1 53	15 24	1 45	18 24	4 18	15 45	1 5	20 46	0 27	22 40	0 45	16 0	0 45	22 20	0 48	16 20	6 52	22 16	22 29	14 29	14 15	3 24
W15	11 33	11 22	2 54	14 46	1 47	18 25	4 12	15 58	1 6	20 47	0 26	22 40	0 45	16 0	0 45	22 20	0 48	16 20	6 52	22 16	22 30	14 32	14 16	3 24
T 16	11 12	6 16	3 45	14 6	1 47	18 25	4 6	16 11	1 7	20 48	0 26	22 39	0 45	16 1	0 45	22 20	0 48	16 20	6 52	22 17	22 30	14 34	14 17	3 24
F 17	10 51	1 1	4 24	13 25	1 47	18 26	4 0	16 23	1 7	20 49	0 26	22 39	0 45	16 2	0 45	22 19	0 48	16 20	6 52	22 18	22 30	14 36	14 18	3 23
S 18	10 30	4s12	4 52	12 42	1 46	18 26	3 54	16 36	1 8	20 50	0 26	22 39	0 45	16 3	0 45	22 19	0 48	16 20	6 52	22 19	22 31	14 39	14 19	3 23
S 19	10 9	9 11	5 5	11 59	1 44	18 25	3 48	16 49	1 8	20 51	0 26	22 39	0 45	16 3	0 45	22 19	0 48	16 20	6 52	22 20	22 31	14 41	14 20	3 23
M20	9 48	13 48	5 6	11 15	1 42	18 25	3 42	17 1	1 9	20 52	0 25	22 39	0 45	16 4	0 45	22 19	0 48	16 20	6 52	22 21	22 32	14 43	14 21	3 23
T 21	9 27	17 52	4 53	10 30	1 39	18 23	3 35	17 14	1 9	20 53	0 25	22 38	0 45	16 5	0 45	22 19	0 48	16 19	6 52	22 22	22 32	14 46	14 22	3 23
W22	9 5	21 14	4 28	9 45	1 36	18 22	3 29	17 26	1 10	20 54	0 25	22 38	0 45	16 5	0 45	22 19	0 48	16 19	6 52	22 22	22 32	14 48	14 23	3 23
T 23	8 43	23 44	3 51	8 59	1 33	18 20	3 23	17 38	1 11	20 55	0 25	22 38	0 45	16 6	0 45	22 19	0 48	16 19	6 53	22 23	22 33	14 50	14 25	3 23
F 24	8 22	25 11	3 3	8 13	1 29	18 18	3 17	17 50	1 11	20 56	0 25	22 38	0 45	16 7	0 45	22 19	0 48	16 19	6 53	22 23	22 33	14 53	14 26	3 23
S 25	8 0	25 27	2 6	7 27	1 24	18 15	3 11	18 2	1 12	20 57	0 24	22 38	0 45	16 7	0 45	22 18	0 48	16 19	6 53	22 23	22 33	14 55	14 27	3 23
S 26	7 38	24 24	1 1	6 41	1 20	18 12	3 4	18 14	1 12	20 58	0 24	22 37	0 45	16 8	0 45	22 18	0 48	16 19	6 53	22 23	22 34	14 57	14 28	3 23
M27	7 15	22 2	0n 8	5 54	1 14	18 9	2 58	18 26	1 13	21 0	0 24	22 37	0 45	16 9	0 45	22 18	0 48	16 19	6 53	22 22	22 34	15 0	14 29	3 22
T 28	6 53	18 23	1 20	5 7	1 9	18 5	2 52	18 38	1 13	21 1	0 24	22 37	0 45	16 9	0 45	22 18	0 48	16 19	6 5					

SWISS EPHEMERIS for the year 1414

SEPTEMBER 1414 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	23 13 10	16 ^h 25'20	0 ^h Y'28	26 ^h 40	0 ^h Q24	21 ^h M28	6 ^h 35	6 ^h 33	18°R 0	10 ^h 30	20 ^h II38	17°R 1	15 ^h 36	27 ^h 9	20 ^h M10
S 2	23 17 7	17°23'55	15°30	28°21	1°21	22° 9	6°42	6°38	17 ^h 58	10°32	20°39	16 ^h 352	15°33	27°16	20°15
M 3	23 21 4	18°22'33	0 ^h 28	0 ^h 1	2°19	22°50	6°49	6°42	17°56	10°33	20°39	16°43	15°30	27°23	20°20
T 4	23 25 0	19°21'13	15°13	1°40	3°17	23°32	6°56	6°46	17°54	10°34	20°39	16°37	15°27	27°29	20°25
W 5	23 28 57	20°19'55	29°38	3°17	4°16	24°13	7° 3	6°50	17°52	10°35	20°39	16°33	15°23	27°36	20°30
T 6	23 32 53	21°18'39	13 ^h II42	4°54	5°15	24°54	7°11	6°54	17°51	10°36	20°39	16°31	15°20	27°43	20°35
F 7	23 36 50	22°17'26	27°24	6°30	6°15	25°36	7°18	6°57	17°49	10°37	20°39	16°D31	15°17	27°49	20°40
S 8	23 40 46	23°16'15	10 ^h 345	8° 5	7°15	26°17	7°26	7° 1	17°47	10°38	20°40	16°R32	15°14	27°56	20°46
S 9	23 44 43	24°15'06	23°48	9°39	8°15	26°59	7°34	7° 5	17°45	10°38	20°40	16°32	15°11	28° 3	20°51
M10	23 48 39	25°14'00	6 ^h Q36	11°12	9°16	27°41	7°41	7° 8	17°43	10°39	20°40	16°30	15° 8	28°10	20°56
T 11	23 52 36	26°12'55	19°10	12°45	10°17	28°23	7°50	7°12	17°42	10°40	20°40	16°25	15° 4	28°16	21° 2
W12	23 56 33	27°11'53	1 ^h 35	14°16	11°19	29° 5	7°58	7°15	17°40	10°41	20°R40	16°18	15° 1	28°23	21° 7
T 13	0 0 29	28°10'53	13°50	15°46	12°20	29°47	8° 6	7°18	17°38	10°42	20°40	16° 8	14°58	28°30	21°13
F 14	0 4 26	29° 9'56	25°58	17°16	13°23	0 ^h 29	8°14	7°21	17°37	10°42	20°40	15°56	14°55	28°37	21°18
S 15	0 8 22	0 ^h 9'00	8 ^h 0	18°44	14°25	1°11	8°23	7°24	17°35	10°43	20°40	15°43	14°52	28°43	21°24
S 16	0 12 19	1° 8'06	19°56	20°12	15°28	1°54	8°32	7°27	17°34	10°44	20°40	15°29	14°48	28°50	21°30
M17	0 16 15	2° 7'14	1 ^h M48	21°39	16°31	2°36	8°41	7°30	17°32	10°45	20°40	15°16	14°45	28°57	21°36
T 18	0 20 12	3° 6'25	13°38	23° 5	17°35	3°19	8°49	7°32	17°31	10°45	20°39	15° 5	14°42	29° 3	21°41
W19	0 24 8	4° 5'37	25°29	24°30	18°39	4° 1	8°59	7°35	17°29	10°46	20°39	14°57	14°39	29°10	21°47
T 20	0 28 5	5° 4'51	7 ^h 23	25°54	19°43	4°44	9° 8	7°38	17°28	10°46	20°39	14°51	14°36	29°17	21°53
F 21	0 32 1	6° 4'07	19°26	27°17	20°47	5°27	9°17	7°40	17°26	10°47	20°39	14°49	14°33	29°24	21°59
S 22	0 35 58	7° 3'25	1 ^h 341	28°38	21°52	6°10	9°26	7°42	17°25	10°47	20°39	14°48	14°29	29°30	22° 5
S 23	0 39 55	8° 2'45	14°14	29°59	22°57	6°53	9°36	7°44	17°24	10°48	20°38	14°48	14°26	29°37	22°12
M24	0 43 51	9° 2'06	27°10	1 ^h M19	24° 2	7°36	9°46	7°46	17°23	10°48	20°38	14°47	14°23	29°44	22°18
T 25	0 47 48	10° 1'29	10 ^h 34	2°37	25° 8	8°20	9°55	7°48	17°22	10°48	20°38	14°45	14°20	29°50	22°24
W26	0 51 44	11° 0'54	24°27	3°55	26°13	9° 3	10° 5	7°50	17°20	10°49	20°38	14°41	14°17	29°57	22°30
T 27	0 55 41	12° 0'21	8 ^h 50	5°10	27°19	9°46	10°15	7°52	17°19	10°49	20°37	14°34	14°14	0 ^h M 4	22°37
F 28	0 59 37	12°59'50	23°40	6°25	28°26	10°30	10°25	7°54	17°18	10°49	20°37	14°25	14°10	0°11	22°43
S 29	1 3 34	13°59'20	8 ^h Y49	7°38	29°32	11°13	10°35	7°55	17°17	10°50	20°37	14°14	14° 7	0°17	22°50
S 30	1 7 30	14 ^h 58'53	24 ^h Y 8	8 ^h M49	0 ^h 39	11 ^h 257	10 ^h 246	7 ^h 56	17 ^h 16	10 ^h 50	20 ^h II36	14 ^h 3 3	14 ^h 3 4	0 ^h M24	22 ^h M56

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	5n23	4n38	4n51	2n 1	0n45	17n44	2s27	19s24	1s15	21s 6	0n23	22n36	0s45	16s12	0s45	22n18	0s48	16n19	6s53	22s26	22s36	15s11	14s36	3n22
S 2	5 0 10 47	5 4	1 15	0 39	17 38	2 21	19 35	1 15	21 7	0 23	22 36	0 45	16 12	0 45	22 18	0 48	16 19	6 54	22 27	22 36	15 14	14 37	3 22	
M 3	4 37 16 16	4 55	0 29	0 32	17 31	2 15	19 46	1 16	21 9	0 23	22 36	0 45	16 13	0 45	22 18	0 48	16 18	6 54	22 28	22 37	15 16	14 39	3 22	
T 4	4 14 20 42	4 27	0s16	0 26	17 24	2 9	19 57	1 16	21 10	0 23	22 36	0 45	16 14	0 45	22 17	0 48	16 18	6 54	22 29	22 37	15 18	14 40	3 22	
W 5	3 51 23 46	3 43	1 2	0 19	17 16	2 3	20 7	1 16	21 11	0 23	22 35	0 45	16 14	0 45	22 17	0 48	16 18	6 54	22 29	22 38	15 20	14 41	3 22	
T 6	3 27 25 15	2 45	1 47	0 12	17 8	1 57	20 18	1 17	21 13	0 22	22 35	0 45	16 15	0 45	22 17	0 48	16 18	6 54	22 29	22 38	15 23	14 43	3 22	
F 7	3 4 25 9	1 40	2 31	0 5	16 59	1 51	20 28	1 17	21 14	0 22	22 35	0 45	16 15	0 45	22 17	0 48	16 18	6 54	22 29	22 38	15 25	14 44	3 22	
S 8	2 41 23 35	0 31	3 15	0s 2	16 50	1 45	20 39	1 18	21 15	0 22	22 35	0 45	16 16	0 45	22 17	0 48	16 18	6 54	22 29	22 39	15 27	14 46	3 22	
S 9	2 17 20 47	0s39	3 59	0 10	16 40	1 39	20 49	1 18	21 17	0 22	22 35	0 45	16 16	0 45	22 17	0 49	16 18	6 54	22 29	22 39	15 29	14 47	3 21	
M10	1 54 17 0	1 44	4 42	0 17	16 30	1 33	20 59	1 18	21 18	0 22	22 35	0 45	16 17	0 45	22 17	0 49	16 18	6 54	22 30	22 39	15 32	14 48	3 21	
T 11	1 31 12 31	2 44	5 25	0 24	16 19	1 27	21 8	1 19	21 20	0 22	22 34	0 45	16 17	0 45	22 17	0 49	16 18	6 55	22 30	22 40	15 34	14 50	3 21	
W12	1 7 7 36	3 35	6 8	0 32	16 8	1 22	21 18	1 19	21 21	0 21	22 34	0 45	16 18	0 45	22 17	0 49	16 18	6 55	22 31	22 40	15 36	14 51	3 21	
T 13	0 44 2 28	4 15	6 50	0 39	15 56	1 16	21 28	1 19	21 23	0 21	22 34	0 45	16 18	0 45	22 17	0 49	16 17	6 55	22 32	22 40	15 38	14 53	3 21	
F 14	0 20 2s43	4 43	7 31	0 46	15 44	1 10	21 37	1 20	21 24	0 21	22 34	0 45	16 19	0 45	22 17	0 49	16 17	6 55	22 34	22 41	15 41	14 54	3 21	
S 15	0s 4 7 44	4 58	8 12	0 54	15 32	1 5	21 46	1 20	21 26	0 21	22 34	0 45	16 19	0 45	22 16	0 49	16 17	6 55	22 35	22 41	15 43	14 56	3 21	
S 16	0 27 12 26	4 59	8 52	1 1	15 19	0 59	21 55	1 20	21 27	0 21	22 34	0 45	16 20	0 45	22 16	0 49	16 17	6 55	22 37	22 41	15 45	14 57	3 21	
M17	0 51 16 38	4 48	9 31	1 8	15 5	0 54	22 4	1 21	21 29	0 21	22 33	0 45	16 20	0 45	22 16	0 49	16 17	6 55	22 38	22 42	15 47	14 59	3 21	
T 18	1 14 20 11	4 24	10 10	1 15	14 51	0 48	22 12	1 21	21 30	0 20	22 33	0 45	16 21	0 45	22 16	0 49	16 17	6 55	22 40	22 42	15 50	15 0	3 21	
W19	1 38 22 54	3 49	10 48	1 23	14 36	0 43	22 21	1 21	21 32	0 20	22 33	0 45	16 21	0 45	22 16	0 49	16 17	6 55	22 41	22 42	15 52	15 2	3 21	
T 20	2 2 24 38	3 4	11 25	1 30	14 21	0 38	22 29	1 21	21 34	0 20	22 33	0 45	16 21	0 45	22 16	0 49	16 17	6 55	22 41	22 43	15 54	15 4	3 21	
F 21	2 25 25 15	2 10	12 2	1 37	14 6	0 32	22 37	1 22	21 35	0 20	22 33	0 45	16 22	0 44	22 16	0 49	16 17	6 56	22 41	22 43	15 56	15 5	3 21	
S 22	2 49 24 39	1 9	12 38	1 43	13 50	0 27	22 45	1 22	21 37	0 20	22 33	0 45	16 22	0 44	22 16	0 49	16 16	6 56	22 42	22 44	15 58	15 7	3 21	
S 23	3 12 22 48	0 3	13 13	1 50	13 34	0 22	22 53	1 22	21 38	0 20	22 33	0 45	16 22	0 44	22 16	0 49	16 16	6 56	22 42	22 44	16 1	15 8	3 21	
M24	3 36 19 44	1n 5	13 47	1 57	13 17	0 17	23 0	1 22	21 40	0 20	22 33	0 45	16 23	0 44	22 16	0 49	16 16	6 56	22 42	22 44	16 3	15 10	3 21	
T 25	3 59 15 32	2 12	14 21	2 3	13 0	0 12	23 7	1 23	21 41	0 19	22 32	0 45	16 23	0 44	22 16	0 49	16 16	6 56	22 42	22 45	16 5	15 11	3 21	
W26	4 22 10 23	3 13	14 53	2 9	12 42	0 7	23 14	1 23	21 43	0 19	22 32	0 45	16 23	0 44	22 16	0 49	16 16	6 56	22 42	22 45	16 7	15 13	3 21	
T 27	4 46 4 31	4 4	15 25	2 15	12 24	0 2	23 21	1 23	21 45	0 19	22 32	0 45	16 24	0 44	22 16	0 49	16 16	6 56	22 43	22 45	16 9	15 15	3 21	
F 28	5 9 1n46	4 41	15 55	2 21	12 6	0n 2	23 28	1 23	21 46	0 19	22 32	0 45	16 24	0 44	22 16	0 49	16 16	6 56	22 44	22 46	16 12	15 16		

SWISS EPHEMERIS for the year 1414

OCTOBER 1414 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	1 11 27	15 ⁵⁸ 28	9 ²⁵ 25	9 ¹¹ 58	1 ¹¹ 46	12 ²⁷ 41	10 ²⁷ 56	7 ⁵⁸ 58	17 ¹⁵ R15	10 ⁵⁰ 50	20 ³⁶ R36	13 ⁵² R52	14 ³ 1	0 ³¹ M31	23 ³ M 3
T 2	1 15 24	16 ⁵⁸ 05	24 ²⁸ 28	11 ⁶ 6	2 ⁵³ 53	13 ²⁵ 25	11 ⁶ 6	7 ⁵⁹ 59	17 ¹⁵ A15	10 ⁵⁰ 50	20 ³⁵ 35	13 ³⁸ 38	13 ⁵⁸ 58	0 ³⁷ 37	23 ⁹ 9
W 3	1 19 20	17 ⁵⁷ 44	9 ¹¹ 11	12 ¹¹ 11	4 ¹ 1	14 ⁹ 9	11 ¹⁷ 17	8 ⁰ 0	17 ¹⁴ 14	10 ⁵⁰ 50	20 ³⁵ 35	13 ³⁸ 38	13 ⁵⁴ 54	0 ⁴⁴ 44	23 ¹⁶ 16
T 4	1 23 17	18 ⁵⁷ 26	23 ²⁷ 27	13 ¹⁴ 14	5 ⁸ 8	14 ⁵³ 53	11 ²⁸ 28	8 ¹ 1	17 ¹³ 13	10 ⁵⁰ 50	20 ³⁵ 35	13 ³⁵ 35	13 ⁵¹ 51	0 ⁵¹ 51	23 ²² 22
F 5	1 27 13	19 ⁵⁷ 10	7 ⁵⁸ 15	14 ¹⁴ 14	6 ¹⁶ 16	15 ³⁷ 37	11 ³⁸ 38	8 ² 2	17 ¹² 12	10 ⁵⁰ 50	20 ³⁴ 34	13 ³⁴ 34	13 ⁴⁸ 48	0 ⁵⁸ 58	23 ²⁹ 29
S 6	1 31 10	20 ⁵⁶ 56	20 ³⁷ 37	15 ¹² 12	7 ²⁴ 24	16 ²¹ 21	11 ⁴⁹ 49	8 ³ 3	17 ¹² 12	10 ⁵⁰ R50	20 ³⁴ 34	13 ³⁴ 34	13 ⁴⁵ 45	1 ⁴ 4	23 ³⁶ 36
S 7	1 35 6	21 ⁵⁶ 44	3 ² 36	16 ⁶ 6	8 ³² 32	17 ⁵ 5	12 ⁰ 0	8 ³ 3	17 ¹¹ 11	10 ⁵⁰ 50	20 ³³ 33	13 ³⁴ 34	13 ⁴² 42	1 ¹¹ 11	23 ⁴³ 43
M 8	1 39 3	22 ⁵⁶ 35	16 ¹⁶ 16	16 ⁵⁷ 57	9 ⁴¹ 41	17 ⁴⁹ 49	12 ¹¹ 11	8 ⁴ 4	17 ¹⁰ 10	10 ⁵⁰ 50	20 ³² 32	13 ³² 32	13 ³⁹ 39	1 ¹⁸ 18	23 ⁵⁰ 50
T 9	1 42 59	23 ⁵⁶ 28	28 ⁴¹ 41	17 ⁴³ 43	10 ⁴⁹ 49	18 ³⁴ 34	12 ²² 22	8 ⁴ 4	17 ¹⁰ 10	10 ⁵⁰ 50	20 ³² 32	13 ²⁸ 28	13 ³⁵ 35	1 ²⁴ 24	23 ⁵⁶ 56
W10	1 46 56	24 ⁵⁶ 23	10 ¹¹ 54	18 ²⁶ 26	11 ⁵⁸ 58	19 ¹⁸ 18	12 ³⁴ 34	8 ⁴ 4	17 ⁹ 9	10 ⁵⁰ 50	20 ³¹ 31	13 ²⁰ 20	13 ³² 32	1 ³¹ 31	24 ³ 3
T 11	1 50 53	25 ⁵⁶ 20	22 ⁵⁹ 59	19 ⁴ 4	13 ⁷ 7	20 ³ 3	12 ⁴⁵ 45	8 ⁵ 5	17 ⁹ 9	10 ⁵⁰ 50	20 ³¹ 31	13 ¹⁰ 10	13 ²⁹ 29	1 ³⁸ 38	24 ¹⁰ 10
F 12	1 54 49	26 ⁵⁶ 19	4 ² 58	19 ³⁶ 36	14 ¹⁶ 16	20 ⁴⁷ 47	12 ⁵⁶ 56	8 ^R 5	17 ⁹ 9	10 ⁵⁰ 50	20 ³⁰ 30	12 ⁵⁸ 58	13 ²⁶ 26	1 ⁴⁵ 45	24 ¹⁷ 17
S 13	1 58 46	27 ⁵⁶ 21	16 ⁵⁴ 54	20 ³ 3	15 ²⁶ 26	21 ³² 32	13 ⁸ 8	8 ⁵ 5	17 ⁸ 8	10 ⁵⁰ 50	20 ²⁹ 29	12 ⁴⁴ 44	13 ²³ 23	1 ⁵¹ 51	24 ²⁴ 24
S 14	2 2 42	28 ⁵⁶ 24	28 ⁴⁶ 46	20 ²³ 23	16 ³⁵ 35	22 ¹⁷ 17	13 ¹⁹ 19	8 ⁴ 4	17 ⁸ 8	10 ⁴⁹ 49	20 ²⁹ 29	12 ²⁹ 29	13 ¹⁹ 19	1 ⁵⁸ 58	24 ³¹ 31
M15	2 6 39	29 ⁵⁶ 29	10 ¹¹ 37	20 ³⁶ 36	17 ⁴⁵ 45	23 ¹ 1	13 ³¹ 31	8 ⁴ 4	17 ⁸ 8	10 ⁴⁹ 49	20 ²⁸ 28	12 ¹⁶ 16	13 ¹⁶ 16	2 ⁵ 5	24 ³⁸ 38
T 16	2 10 35	0 ¹¹ 56	22 ²⁹ 29	20 ^R 42	18 ⁵⁵ 55	23 ⁴⁶ 46	13 ⁴³ 43	8 ⁴ 4	17 ⁸ 8	10 ⁴⁹ 49	20 ²⁷ 27	12 ⁵ 5	13 ¹³ 13	2 ¹¹ 11	24 ⁴⁵ 45
W17	2 14 32	1 ⁵⁶ 46	4 ² 22	20 ³⁹ 39	20 ⁵ 5	24 ³¹ 31	13 ⁵⁵ 55	8 ³ 3	17 ⁸ 8	10 ⁴⁸ 48	20 ²⁷ 27	11 ⁵⁶ 56	13 ¹⁰ 10	2 ¹⁸ 18	24 ⁵³ 53
T 18	2 18 28	2 ⁵⁶ 56	16 ²⁰ 20	20 ²⁷ 27	21 ¹⁵ 15	25 ¹⁶ 16	14 ⁶ 6	8 ³ 3	17 ⁷ 7	10 ⁴⁸ 48	20 ²⁶ 26	11 ⁵⁰ 50	13 ⁷ 7	2 ²⁵ 25	25 ⁰ 0
F 19	2 22 25	3 ⁵⁷ 09	28 ²⁵ 25	20 ⁶ 6	22 ²⁵ 25	26 ¹ 1	14 ¹⁸ 18	8 ² 2	17 ^D 7	10 ⁴⁷ 47	20 ²⁵ 25	11 ⁴⁷ 47	13 ⁴ 4	2 ³² 32	25 ⁷ 7
S 20	2 26 22	4 ⁵⁷ 23	10 ³ 41	19 ³⁵ 35	23 ³⁵ 35	26 ⁴⁶ 46	14 ³⁰ 30	8 ¹ 1	17 ⁷ 7	10 ⁴⁷ 47	20 ²⁴ 24	11 ^D 46	13 ⁰ 0	2 ³⁸ 38	25 ¹⁴ 14
S 21	2 30 18	5 ⁵⁷ 38	23 ¹² 12	18 ⁵⁴ 54	24 ⁴⁶ 46	27 ³² 32	14 ⁴² 42	8 ⁰ 0	17 ⁸ 8	10 ⁴⁶ 46	20 ²⁴ 24	11 ⁴⁷ 47	12 ⁵⁷ 57	2 ⁴⁵ 45	25 ²¹ 21
M22	2 34 15	6 ⁵⁷ 55	6 ³ 3	18 ⁴ 4	25 ⁵⁶ 56	28 ¹⁷ 17	14 ⁵⁵ 55	7 ⁵⁹ 59	17 ⁸ 8	10 ⁴⁶ 46	20 ²³ 23	11 ^R 47	12 ⁵⁴ 54	2 ⁵² 52	25 ²⁹ 29
T 23	2 38 11	7 ⁵⁸ 14	19 ¹⁹ 19	17 ⁵ 5	27 ⁷ 7	29 ² 2	15 ⁷ 7	7 ⁵⁸ 58	17 ⁸ 8	10 ⁴⁵ 45	20 ²² 22	11 ⁴⁶ 46	12 ⁵¹ 51	2 ⁵⁸ 58	25 ³⁶ 36
W24	2 42 8	8 ⁵⁸ 34	3 ² 2	15 ⁵⁷ 57	28 ¹⁸ 18	29 ⁴⁸ 48	15 ¹⁹ 19	7 ⁵⁷ 57	17 ⁸ 8	10 ⁴⁵ 45	20 ²¹ 21	11 ⁴⁴ 44	12 ⁴⁸ 48	3 ⁵ 5	25 ⁴³ 43
T 25	2 46 4	9 ⁵⁸ 55	17 ¹⁴ 14	14 ⁴⁴ 44	29 ²⁹ 29	0 ³ 33	15 ³¹ 31	7 ⁵⁵ 55	17 ⁸ 8	10 ⁴⁴ 44	20 ²⁰ 20	11 ³⁹ 39	12 ⁴⁵ 45	3 ¹² 12	25 ⁵¹ 51
F 26	2 50 1	10 ⁵⁹ 18	1 ⁷ 53	13 ²⁶ 26	0 ⁴ 40	1 ¹⁸ 18	15 ⁴⁴ 44	7 ⁵⁴ 54	17 ⁹ 9	10 ⁴³ 43	20 ¹⁹ 19	11 ³² 32	12 ⁴¹ 41	3 ¹⁹ 19	25 ⁵⁸ 58
S 27	2 53 57	11 ⁵⁹ 42	16 ⁵⁶ 56	12 ⁵ 5	1 ⁵² 52	2 ⁴ 4	15 ⁵⁶ 56	7 ⁵² 52	17 ⁹ 9	10 ⁴³ 43	20 ¹⁹ 19	11 ²³ 23	12 ³⁸ 38	3 ²⁵ 25	26 ⁵ 5
S 28	2 57 54	13 ⁰ 08	2 ² 12	10 ⁴⁵ 45	3 ³ 3	2 ⁵⁰ 50	16 ⁹ 9	7 ⁵⁰ 50	17 ¹⁰ 10	10 ⁴² 42	20 ¹⁸ 18	11 ¹⁴ 14	12 ³⁵ 35	3 ³² 32	26 ¹³ 13
M29	3 1 51	14 ⁰ 35	17 ¹² 12	9 ²⁹ 29	4 ¹⁴ 14	3 ³⁵ 35	16 ²¹ 21	7 ⁴⁹ 49	17 ¹⁰ 10	10 ⁴¹ 41	20 ¹⁷ 17	11 ⁵ 5	12 ³² 32	3 ³⁹ 39	26 ²⁰ 20
T 30	3 5 47	15 ¹ 04	2 ¹¹ 44	8 ¹⁸ 18	5 ²⁶ 26	4 ²¹ 21	16 ³⁴ 34	7 ⁴⁷ 47	17 ¹¹ 11	10 ⁴¹ 41	20 ¹⁶ 16	10 ⁵⁸ 58	12 ²⁹ 29	3 ⁴⁵ 45	26 ²⁷ 27
W31	3 9 44	16 ¹¹ 35	17 ¹¹ 38	7 ¹¹ 14	6 ³⁸ 38	5 ³ 7	16 ⁴⁷ 47	7 ⁴⁵ 45	17 ¹¹ 11	10 ⁴⁰ 40	20 ¹⁵ 15	10 ⁵⁴ 54	12 ²⁵ 25	3 ⁵² 52	26 ³⁵ 35

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	6s18	18n57	4n31	17s20	2s37	11n 8	0n16	23s46	1s24	21s51	0n18	22n32	0s45	16s25	0s44	22n16	0s49	16n15	6s57	22s47	22s47	16s18	15s21	3n21
T 2	6 41	22 38	3 48	17 46	2 41	10 48	0 20	23 52	1 24	21 53	0 18	22 32	0 45	16 25	0 44	22 16	0 49	16 15	6 57	22 48	22 47	16 20	15 23	3 21
W 3	7 4	24 43	2 51	18 10	2 46	10 27	0 25	23 58	1 24	21 54	0 18	22 32	0 45	16 25	0 44	22 16	0 49	16 15	6 57	22 49	22 47	16 22	15 24	3 21
T 4	7 27	25 5	1 44	18 33	2 50	10 6	0 29	24 3	1 24	21 56	0 18	22 32	0 45	16 25	0 44	22 16	0 49	16 15	6 57	22 49	22 48	16 25	15 26	3 21
F 5	7 50	23 52	0 33	18 55	2 53	9 45	0 33	24 8	1 24	21 57	0 18	22 32	0 45	16 26	0 44	22 16	0 49	16 15	6 57	22 49	22 48	16 27	15 27	3 21
S 6	8 12	21 19	0s37	19 15	2 56	9 23	0 37	24 13	1 24	21 59	0 18	22 32	0 45	16 26	0 44	22 16	0 49	16 15	6 57	22 49	22 48	16 29	15 29	3 21
S 7	8 35	17 44	1 44	19 33	2 58	9 1	0 41	24 17	1 24	22 1	0 18	22 32	0 45	16 26	0 44	22 15	0 49	16 15	6 57	22 49	22 49	16 31	15 31	3 21
M 8	8 57	13 24	2 44	19 50	3 0	8 39	0 45	24 22	1 25	22 2	0 18	22 32	0 45	16 26	0 44	22 15	0 49	16 14	6 57	22 50	22 49	16 33	15 32	3 21
T 9	9 19	8 37	3 34	20 4	3 1	8 17	0 48	24 26	1 25	22 4	0 17	22 32	0 45	16 26	0 44	22 15	0 49	16 14	6 57	22 50	22 49	16 35	15 34	3 21
W10	9 41	3 35	4 14	20 17	3 2	7 54	0 52	24 29	1 25	22 5	0 17	22 32	0 45	16 26	0 44	22 15	0 49	16 14	6 57	22 51	22 50	16 37	15 36	3 21
T 11	10 3	1s32	4 42	20 27	3 1	7 31	0 56	24 33	1 25	22 7	0 17	22 32	0 45	16 27	0 44	22 15	0 49	16 14	6 57	22 52	22 50	16 40	15 37	3 21
F 12	10 25	6 32	4 57	20 34	3 0	7 7	0 59	24 36	1 25	22 9	0 17	22 32	0 44	16 27	0 44	22 15	0 49	16 14	6 58	22 53	22 50	16 42	15 39	3 21
S 13	10 46	11 16	4 59	20 40	2 58	6 43	1 3	24 39	1 25	22 10	0 17	22 32	0 44	16 27	0 44	22 15	0 49	16 14	6 58	22 54	22 50	16 44	15 41	3 21
S 14	11 8	15 33	4 48	20 42	2 54	6 19	1 6	24 42	1 25	22 12	0 17	22 32	0 44	16 27	0 44	22 15	0 49	16 14	6 58	22 56	22 51	16 46	15 42	3 22
M15	11 29	19 15	4 25	20 41	2 49	5 55	1 9	24 45	1 25	22 13	0 17	22 32	0 44	16 27	0 44	22 15	0 49	16 14	6 58	22 57	22 51	16 48	15 44	3 22
T 16	11 50	22 9	3 50	20 37	2 44	5 30	1 12	24 47	1 25	22 15	0 16	22 32	0 44	16 27	0 44	22 15	0 49	16 13	6 58	22 58	22 51	16 50	15 45	3 22
W17	12 11	24 6	3 5	20 29	2 36	5 6	1 15	24 49	1 25	22 1														

SWISS EPHEMERIS for the year 1414

NOVEMBER 1414 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	3 13 40	17M 2'08	2☾ 6	6°R20	7♁50	5☾53	17♁ 0	7°R43	17♁12	10°R39	20°R14	10°R51	12☾22	3M59	26M42
F 2	3 17 37	18° 2'42	16° 7	5M37	9° 2	6°38	17°12	7☾40	17°13	10☾38	20II13	10°D51	12°19	4° 6	26°50
S 3	3 21 33	19° 3'18	29°38	5° 6	10°14	7°24	17°25	7°38	17°13	10°37	20°12	10☾52	12°16	4°12	26°57
S 4	3 25 30	20° 3'56	12♁43	4°46	11°26	8°10	17°38	7°35	17°14	10°36	20°11	10°53	12°13	4°19	27° 5
M 5	3 29 26	21° 4'36	25°25	4°D37	12°38	8°56	17°51	7°33	17°15	10°35	20°10	10°R53	12°10	4°26	27°12
T 6	3 33 23	22° 5'17	7M49	4°40	13°50	9°42	18° 4	7°30	17°16	10°34	20° 9	10°52	12° 6	4°32	27°19
W 7	3 37 20	23° 6'00	19°58	4°53	15° 3	10°28	18°17	7°28	17°17	10°33	20° 8	10°48	12° 3	4°39	27°27
T 8	3 41 16	24° 6'44	1♁58	5°16	16°15	11°14	18°30	7°25	17°18	10°32	20° 7	10°42	12° 0	4°46	27°34
F 9	3 45 13	25° 7'30	13°53	5°48	17°28	12° 1	18°43	7°22	17°19	10°31	20° 6	10°35	11°57	4°53	27°42
S 10	3 49 9	26° 8'18	25°44	6°27	18°41	12°47	18°57	7°19	17°20	10°30	20° 5	10°26	11°54	4°59	27°49
S 11	3 53 6	27° 9'07	7M35	7°14	19°53	13°33	19°10	7°16	17°21	10°29	20° 4	10°17	11°51	5° 6	27°57
M12	3 57 2	28° 9'58	19°28	8° 6	21° 6	14°19	19°23	7°12	17°22	10°28	20° 3	10° 9	11°47	5°13	28° 4
T13	4 0 59	29°10'49	1♁24	9° 4	22°19	15° 6	19°37	7° 9	17°24	10°27	20° 1	10° 2	11°44	5°19	28°12
W14	4 4 55	0♁11'42	13°25	10° 7	23°32	15°52	19°50	7° 6	17°25	10°25	20° 0	9°56	11°41	5°26	28°19
T 15	4 8 52	1°12'36	25°32	11°13	24°45	16°39	20° 3	7° 2	17°26	10°24	19°59	9°53	11°38	5°33	28°27
F 16	4 12 49	2°13'32	7☾47	12°24	25°58	17°25	20°17	6°59	17°28	10°23	19°58	9°D52	11°35	5°40	28°34
S 17	4 16 45	3°14'28	20°13	13°37	27°12	18°12	20°30	6°55	17°29	10°22	19°57	9°53	11°31	5°46	28°42
S 18	4 20 42	4°15'25	2♁52	14°53	28°25	18°58	20°44	6°51	17°31	10°20	19°56	9°54	11°28	5°53	28°49
M19	4 24 38	5°16'22	15°46	16°11	29°38	19°45	20°57	6°48	17°32	10°19	19°55	9°56	11°25	6° 0	28°57
T 20	4 28 35	6°17'21	29° 0	17°31	0M51	20°31	21°11	6°44	17°34	10°18	19°54	9°57	11°22	6° 6	29° 4
W21	4 32 31	7°18'19	12M36	18°53	2° 5	21°18	21°24	6°40	17°35	10°16	19°52	9°R57	11°19	6°13	29°11
T 22	4 36 28	8°19'19	26°34	20°16	3°18	22° 5	21°38	6°36	17°37	10°15	19°51	9°56	11°16	6°20	29°19
F 23	4 40 24	9°20'19	10V56	21°40	4°32	22°51	21°52	6°32	17°39	10°14	19°50	9°53	11°12	6°27	29°26
S 24	4 44 21	10°21'20	25°37	23° 6	5°46	23°38	22° 5	6°27	17°40	10°12	19°49	9°49	11° 9	6°33	29°34
S 25	4 48 18	11°22'22	10♁34	24°32	6°59	24°25	22°19	6°23	17°42	10°11	19°48	9°45	11° 6	6°40	29°41
M26	4 52 14	12°23'24	25°37	25°59	8°13	25°11	22°33	6°19	17°44	10° 9	19°47	9°41	11° 3	6°47	29°48
T 27	4 56 11	13°24'27	10II38	27°27	9°27	25°58	22°46	6°15	17°46	10° 8	19°45	9°38	11° 0	6°53	29°56
W28	5 0 7	14°25'30	25°28	28°56	10°40	26°45	23° 0	6°10	17°48	10° 6	19°44	9°36	10°57	7° 0	0♁ 3
T 29	5 4 4	15°26'35	9☾59	0♁25	11°54	27°32	23°14	6° 6	17°50	10° 5	19°43	9°D35	10°53	7° 7	0°10
F 30	5 8 0	16♁27'40	24☾ 5	1♁54	13M 8	28☾19	23♁27	6☾ 1	17♁52	10☾ 3	19II42	9☾36	10☾50	7M14	0♁17

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	16s59	24n17	0n47	12s12	1n34	1s28	1n48	24s47	1s24	22s38	0n15	22n34	0s44	16s25	0s43	22n16	0s49	16n12	6s59	23s 4	22s56	17s23	16s11	3n23
F 2	17 16 22	4 0s28	11 45	1 47	1 55	1 49	24 45	1 24	22 40	0 14	22 34	0 44	16 25	0 43	22 16	0 49	16 11	6 59	23 4	4 22 57	17 25	16 12	3 24	
S 3	17 32 18	41 1 39	11 23	1 59	2 22	1 51	24 42	1 24	22 41	0 14	22 34	0 44	16 24	0 43	22 16	0 49	16 11	6 59	23 4	4 22 57	17 27	16 14	3 24	
S 4	17 49 14	27 2 43	11 8	2 9	2 49	1 52	24 39	1 24	22 42	0 14	22 34	0 44	16 24	0 43	22 16	0 49	16 11	6 59	23 4	4 22 57	17 29	16 16	3 24	
M 5	18 5 9	42 3 36	10 58	2 16	3 16	1 53	24 36	1 24	22 44	0 14	22 34	0 44	16 24	0 43	22 16	0 49	16 11	6 59	23 4	4 22 57	17 31	16 17	3 24	
T 6	18 21 4	40 4 18	10 53	2 22	3 44	1 54	24 33	1 23	22 45	0 14	22 34	0 44	16 24	0 43	22 16	0 49	16 11	6 59	23 4	4 22 58	17 33	16 19	3 24	
W 7	18 36 0s26	4 48	10 54	2 26	4 11	1 55	24 29	1 23	22 46	0 14	22 35	0 44	16 23	0 43	22 16	0 49	16 11	6 59	23 4	4 22 58	17 35	16 20	3 24	
T 8	18 52 5	26 5 4	10 59	2 29	4 38	1 56	24 25	1 23	22 47	0 14	22 35	0 44	16 23	0 43	22 16	0 49	16 11	6 59	23 5	22 58	17 37	16 22	3 25	
F 9	19 6 10	12 5 7	11 8	2 30	5 5	1 56	24 21	1 23	22 49	0 14	22 35	0 44	16 23	0 43	22 17	0 49	16 11	6 59	23 6	22 59	17 39	16 23	3 25	
S 10	19 21 14	35 4 57	11 21	2 30	5 32	1 57	24 16	1 23	22 50	0 14	22 35	0 44	16 22	0 43	22 17	0 49	16 11	6 59	23 6	22 59	17 41	16 24	3 25	
S 11	19 35 18	24 4 34	11 37	2 29	5 59	1 57	24 12	1 23	22 51	0 13	22 35	0 44	16 22	0 43	22 17	0 49	16 11	6 59	23 7	22 59	17 43	16 26	3 25	
M12	19 49 21	29 3 59	11 57	2 27	6 26	1 58	24 6	1 22	22 52	0 13	22 36	0 44	16 21	0 43	22 17	0 49	16 11	6 59	23 8	22 59	17 45	16 27	3 25	
T 13	20 2 23	40 3 13	12 18	2 23	6 53	1 58	24 1	1 22	22 53	0 13	22 36	0 43	16 21	0 43	22 17	0 50	16 10	6 59	23 8	23 0	17 47	16 29	3 26	
W14	20 15 24	47 2 19	12 41	2 20	7 20	1 58	23 55	1 22	22 54	0 13	22 36	0 43	16 21	0 43	22 17	0 50	16 10	6 59	23 9	23 0	17 49	16 30	3 26	
T 15	20 28 24	44 1 17	13 6	2 15	7 47	1 59	23 50	1 22	22 56	0 13	22 36	0 43	16 20	0 43	22 17	0 50	16 10	6 59	23 9	23 0	17 51	16 32	3 26	
F 16	20 40 23	28 0 11	13 32	2 10	8 13	1 59	23 43	1 21	22 57	0 13	22 37	0 43	16 20	0 43	22 17	0 50	16 10	6 59	23 9	23 1	17 53	16 33	3 26	
S 17	20 52 21	4 0n56	14 0	2 5	8 40	1 59	23 37	1 21	22 58	0 13	22 37	0 43	16 19	0 43	22 17	0 50	16 10	6 59	23 9	23 1	17 54	16 35	3 26	
S 18	21 4 17	36 2 2	14 28	1 59	9 6	1 58	23 30	1 21	22 59	0 13	22 37	0 43	16 19	0 43	22 17	0 50	16 10	6 59	23 9	23 1	17 56	16 36	3 27	
M19	21 15 13	14 3 3	14 56	1 52	9 32	1 58	23 23	1 21	23 0	0 13	22 37	0 43	16 18	0 43	22 17	0 50	16 10	6 59	23 9	23 1	17 58	16 37	3 27	
T 20	21 26 8	10 3 57	15 25	1 46	9 58	1 58	23 16	1 20	23 1	0 12	22 38	0 43	16 18	0 43	22 17	0 50	16 10	6 59	23 8	23 2	18 0	16 39	3 27	
W21	21 36 2	34 4 38	15 54	1 39	10 24	1 57	23 9	1 20	23 2	0 12	22 38	0 43	16 17	0 43	22 18	0 50	16 10	6 59	23 8	23 2	18 2	16 40	3 27	
T 22	21 46 3n17	5 4	16 23	1 32	10 49	1 57	23 1	1 20	23 3	0 12	22 38	0 43	16 17	0 42	22 18	0 50	16 10	6 59	23 8	23 2	18 4	16 41	3 28	
F 23	21 55 9	8 5 13	16 52	1 25	11 15	1 56	22 53	1 20	23 4	0 12	22 38	0 43	16 16	0 42	22 18	0 50	16 10	6 59	23 8	23 2	18 6	16 43	3 28	
S 24	22 4 14	36 5 1	17 21	1 18	11 40	1 56	22 44	1 19	23 5	0 12	22 39	0 43	16 15	0 42	22 18	0 50	16 10	6 59	23 8	23 3	18 8	16 44	3 28	
S 25	22 13 19	17 4 29	17 49	1 11	12 5	1 55	22 36	1 19	23 6	0 12	22 39	0 43	16 15	0 42	22 18	0 50	16 10	6 59	23 8	23 3	18 10	16 45	3 28	
M26	22 21 22	45 3 38	18 17	1 3	12 29	1 54	22 27	1 19	23 6	0 12	22 39	0 43	16 14	0 42	22 18	0 50	16 9	6 59	23 10	23 3	18 12	16 47	3 29	
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