

SWISS EPHEMERIS for the year 1411

JANUARY 1411 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♅
T 1	7 14 2	19♌ 2'53	4♍27	14°R28	2♋53	20♌46	12°R33	4♃25	4♁ 3	0°R 0	14°R53	25♋27	26♌30	27♍50	5♎14
F 2	7 17 58	20° 3'59	16°41	13♌14	4° 2	21°33	12♍30	4°26	4° 6	29♌59	14♌52	25°R27	26°27	27°57	5°15
S 3	7 21 55	21° 5'05	28°41	12° 7	5°11	22°20	12°28	4°26	4° 9	29°57	14°51	25°27	26°24	28° 3	5°16
S 4	7 25 52	22° 6'09	10♌34	11° 6	6°20	23° 7	12°25	4°27	4°13	29°55	14°50	25°25	26°21	28°10	5°16
M 5	7 29 48	23° 7'12	22°23	10°14	7°29	23°54	12°22	4°28	4°16	29°54	14°49	25°21	26°18	28°17	5°17
T 6	7 33 45	24° 8'15	4♌15	9°30	8°38	24°41	12°19	4°29	4°20	29°52	14°48	25°14	26°14	28°23	5°18
W 7	7 37 41	25° 9'17	16°11	8°56	9°46	25°28	12°16	4°30	4°23	29°51	14°47	25° 5	26°11	28°30	5°18
T 8	7 41 38	26°10'17	28°16	8°30	10°54	26°15	12°12	4°31	4°27	29°49	14°46	24°54	26° 8	28°37	5°19
F 9	7 45 34	27°11'17	10♌32	8°14	12° 3	27° 3	12° 8	4°32	4°30	29°48	14°45	24°42	26° 5	28°44	5°19
S 10	7 49 31	28°12'16	22°59	8°D 6	13°10	27°50	12° 5	4°33	4°34	29°46	14°45	24°31	26° 2	28°50	5°19
S 11	7 53 28	29°13'13	5♌37	8° 6	14°18	28°37	12° 1	4°35	4°37	29°45	14°44	24°21	25°58	28°57	5°R19
M12	7 57 24	0♌41'10	18°27	8°14	15°26	29°24	11°56	4°36	4°41	29°44	14°43	24°14	25°55	29° 4	5°19
T 13	8 1 21	1°15'06	1♍29	8°29	16°33	0♌11	11°52	4°38	4°44	29°42	14°42	24° 9	25°52	29°10	5°19
W14	8 5 17	2°16'00	14°41	8°51	17°40	0°58	11°47	4°40	4°48	29°41	14°42	24° 6	25°49	29°17	5°18
T 15	8 9 14	3°16'54	28° 5	9°18	18°47	1°46	11°43	4°42	4°51	29°39	14°41	24°D 6	25°46	29°24	5°18
F 16	8 13 10	4°17'47	11♌40	9°51	19°53	2°33	11°38	4°44	4°55	29°38	14°40	24° 7	25°43	29°31	5°17
S 17	8 17 7	5°18'40	25°27	10°29	21° 0	3°20	11°33	4°46	4°58	29°37	14°39	24° 8	25°39	29°37	5°17
S 18	8 21 3	6°19'31	9♌26	11°11	22° 6	4° 7	11°28	4°48	5° 2	29°35	14°39	24°R 8	25°36	29°44	5°16
M19	8 25 0	7°20'22	23°37	11°58	23°12	4°54	11°22	4°51	5° 5	29°34	14°38	24° 7	25°33	29°51	5°15
T 20	8 28 57	8°21'11	7♌58	12°48	24°17	5°42	11°17	4°53	5° 9	29°33	14°37	24° 4	25°30	29°57	5°14
W21	8 32 53	9°22'00	22°26	13°42	25°23	6°29	11°11	4°56	5°12	29°32	14°37	23°59	25°27	0♌ 4	5°13
T 22	8 36 50	10°22'48	6♌57	14°39	26°28	7°16	11° 6	4°58	5°16	29°30	14°36	23°52	25°24	0°11	5°11
F 23	8 40 46	11°23'35	21°23	15°39	27°33	8° 4	11° 0	5° 1	5°19	29°29	14°36	23°45	25°20	0°18	5°10
S 24	8 44 43	12°24'20	5♌40	16°41	28°37	8°51	10°54	5° 4	5°23	29°28	14°35	23°38	25°17	0°24	5° 9
S 25	8 48 39	13°25'04	19°41	17°46	29°41	9°38	10°48	5° 7	5°26	29°27	14°34	23°33	25°14	0°31	5° 7
M26	8 52 36	14°25'47	3♌22	18°53	0♍45	10°26	10°41	5°10	5°30	29°26	14°34	23°29	25°11	0°38	5° 5
T 27	8 56 32	15°26'27	16°41	20° 2	1°49	11°13	10°35	5°13	5°33	29°25	14°33	23°27	25° 8	0°44	5° 3
W28	9 0 29	16°27'07	29°37	21°14	2°52	12° 0	10°28	5°17	5°36	29°24	14°33	23°D27	25° 4	0°51	5° 1
T 29	9 4 26	17°27'44	12♍12	22°27	3°55	12°48	10°22	5°20	5°40	29°23	14°32	23°28	25° 1	0°58	4°59
F 30	9 8 22	18°28'20	24°29	23°41	4°57	13°35	10°15	5°23	5°43	29°22	14°32	23°30	24°58	1° 4	4°57
S 31	9 12 19	19°28'54	6♌33	24°58	6♍ 0	14°22	10♍ 8	5♃27	5♁47	29♌21	14♌32	23♋31	24♌55	1♌11	4♎55

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♅										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	22s10	2n30	0n48	19s24	3n21	11s36	1s12	22s54	1s 0	8n 5	1n18	10n46	2s25	19s53	0s36	22n27	1s 4	14n38	8s 5	1s49	1s24	24n 8	5s 0	3s11
F 2	22 1 8 17	1 51	19 26	3 26	11 8	1 9	22 47	1 0	8 6	1 19	10 46	2 24	19 52	0 36	22 27	1 4	14 38	8 4	1 49	1 25	24 10	5 0	3 11	
S 3	21 52	13 39	2 47	19 30	3 29	10 39	1 6	22 39	1 1	8 7	1 19	10 47	2 24	19 51	0 36	22 27	1 4	14 38	8 4	1 49	1 26	24 12	5 1	3 11
S 4	21 42	18 27	3 36	19 34	3 29	10 11	1 2	22 32	1 1	8 9	1 19	10 47	2 24	19 51	0 36	22 27	1 4	14 38	8 4	1 50	1 27	24 14	5 1	3 11
M 5	21 32	22 32	4 15	19 40	3 28	9 42	0 58	22 24	1 1	8 10	1 20	10 48	2 24	19 50	0 36	22 27	1 4	14 38	8 4	1 51	1 29	24 16	5 2	3 11
T 6	21 21	25 42	4 44	19 47	3 24	9 12	0 55	22 16	1 1	8 11	1 20	10 48	2 23	19 49	0 36	22 27	1 4	14 38	8 4	1 54	1 30	24 18	5 2	3 11
W 7	21 10	27 46	5 0	19 54	3 19	8 43	0 51	22 7	1 2	8 13	1 20	10 49	2 23	19 48	0 36	22 27	1 4	14 38	8 4	1 58	1 31	24 20	5 2	3 11
T 8	20 59	28 33	5 3	20 3	3 12	8 13	0 47	21 59	1 2	8 15	1 20	10 50	2 23	19 47	0 36	22 27	1 4	14 38	8 3	2 2	1 33	24 22	5 2	3 11
F 9	20 47	27 57	4 52	20 11	3 5	7 43	0 43	21 50	1 2	8 16	1 21	10 50	2 22	19 46	0 36	22 27	1 4	14 38	8 3	2 7	1 34	24 24	5 3	3 11
S 10	20 35	25 57	4 28	20 20	2 56	7 13	0 38	21 41	1 2	8 18	1 21	10 51	2 22	19 46	0 36	22 27	1 4	14 38	8 3	2 11	1 35	24 26	5 3	3 11
S 11	20 23	22 38	3 49	20 30	2 47	6 43	0 34	21 31	1 2	8 20	1 21	10 52	2 22	19 45	0 36	22 27	1 4	14 38	8 3	2 15	1 36	24 28	5 3	3 11
M12	20 10	18 11	2 59	20 39	2 37	6 13	0 30	21 22	1 3	8 22	1 21	10 53	2 21	19 44	0 36	22 27	1 4	14 39	8 3	2 18	1 38	24 30	5 3	3 11
T 13	19 57	12 49	1 58	20 48	2 27	5 43	0 25	21 12	1 3	8 23	1 22	10 54	2 21	19 43	0 36	22 27	1 4	14 39	8 3	2 20	1 39	24 32	5 3	3 11
W14	19 43	6 49	0 50	20 58	2 16	5 13	0 21	21 2	1 3	8 25	1 22	10 55	2 21	19 42	0 36	22 27	1 4	14 39	8 2	2 21	1 40	24 33	5 3	3 11
T 15	19 29	0 26	0s21	21 7	2 5	4 42	0 16	20 52	1 3	8 27	1 22	10 55	2 20	19 41	0 36	22 27	1 4	14 39	8 2	2 21	1 41	24 35	5 2	3 11
F 16	19 15	6s 3	1 33	21 15	1 54	4 11	0 11	20 41	1 3	8 30	1 22	10 56	2 20	19 41	0 36	22 27	1 4	14 39	8 2	2 21	1 43	24 37	5 2	3 12
S 17	19 0	12 22	2 41	21 23	1 43	3 41	0 7	20 30	1 3	8 32	1 23	10 57	2 20	19 40	0 36	22 27	1 4	14 39	8 2	2 20	1 44	24 39	5 2	3 12
S 18	18 45	18 9	3 39	21 31	1 33	3 10	0 2	20 19	1 4	8 34	1 23	10 58	2 20	19 39	0 36	22 27	1 4	14 39	8 2	2 20	1 45	24 41	5 2	3 12
M19	18 30	23 1	4 26	21 37	1 22	2 40	0n 3	20 8	1 4	8 36	1 23	10 59	2 19	19 38	0 36	22 27	1 4	14 39	8 1	2 21	1 46	24 43	5 1	3 12
T 20	18 14	26 35	4 56	21 43	1 11	2 9	0 8	19 56	1 4	8 38	1 23	11 1	2 19	19 37	0 36	22 27	1 4	14 39	8 1	2 22	1 48	24 45	5 1	3 12
W21	17 58	28 26	5 8	21 49	1 0	1 38	0 14	19 45	1 4	8 41	1 24	11 2	2 19	19 36	0 36	22 27	1 4	14 40	8 1	2 24	1 49	24 46	5 0	3 12
T 22	17 42	28 20	5 0	21 53	0 50	1 7	0 19	19 33	1 4	8 43	1 24	11 3	2 18	19 35	0 36	22 27	1 4	14 40	8 1	2 27	1 50	24 48	5 0	3 12
F 23	17 25	26 19	4 33	21 56	0 40	0 37	0 24	19 21	1 4	8 46	1 24	11 4	2 18	19 35	0 36	22 27	1 4	14 40	8 1	2 29	1 51	24 50	4 59	3 12
S 24	17 8	22 37	3 50	21 59	0 30	0 6	0 30	19 8	1 4	8 48	1 24	11 5	2 18	19 34	0 36	22 27	1 4	14 40	8 1	2 32	1 53	24 52	4 59	3 12
S 25	16 51	17 41	2 53	22 0	0 20	0n25	0 35	18 56	1 4	8 51	1 24	11 7	2 18	19 33	0 36	22 27	1 4	14 40	8 0	2 34	1 54	24 54	4 58	3 12
M26	16 33	11 58	1 47	22 1	0 10	0 55	0 41	18 43	1 5	8 53	1 25	11 8	2 17	19 32	0 36	22 27	1 4	14 40	8 0	2 36	1 55	24 56	4 57	3 12
T 27	16 16	5 50	0 37	22 0	0 1	1 26	0 47	18 30	1 5	8 56	1 25	11 9	2 17	19 31	0 36	22 27	1 4	14 40	8 0	2 37	1 57	24 57	4 57	3 12
W28	15 57	0n21	0n34	21 58	0s 8	1 57	0 52	18 17	1 5	8 59	1 25	11 11	2 17	19 30	0 36	22 28	1 4	14 41	8 0	2 37	1 58	24 59	4 56	3 12
T 29	15 39	6 23	1 40	21 55	0 17	2 27	0 58	18 4	1 5	9 1	1 25	11 12	2 16	19 30	0 36	22 28	1 3	14 41	8 0	2 36	1 59			

SWISS EPHEMERIS for the year 1411

FEBRUARY 1411 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♅	♆	♁	♂	♄	♃	♅
S 1	9 16 15	20 ^h 29 ^m 27 ^s	18 ^h 08 ^m 28 ^s	26 ^h 31 ^m 15 ^s	7 ^h 07 ^m 1 ^s	15 ^h 00 ^m 10 ^s	10 ^h 08 ^m 1 ^s	5 ^h 08 ^m 31 ^s	5 ^h 00 ^m 50 ^s	29 ^h R20	14 ^h R31	23 ^h R32	24 ^h X52	1 ^h II18	4 ^h R53
M 2	9 20 12	21 ^h 29 ^m 57 ^s	0 ^h II20	27 ^h 35 ^m 8 ^s	8 ^h 3 ^m	15 ^h 57 ^m	9 ^h 05 ^m 54 ^s	5 ^h 34 ^m	5 ^h 54 ^m	29 ^h II19	14 ^h II31	23 ^h X32	24 ^h 49	1 ^h 25	4 ^h 050
T 3	9 24 8	22 ^h 30 ^m 26 ^s	12 ^h 13 ^m	28 ^h 55 ^m	9 ^h 4 ^m	16 ^h 45 ^m	9 ^h 47 ^m	5 ^h 38 ^m	5 ^h 57 ^m	29 ^h 18	14 ^h 30	23 ^h 30	24 ^h 45	1 ^h 31	4 ^h 48
W 4	9 28 5	23 ^h 30 ^m 53 ^s	24 ^h 11 ^m	0 ^h 00 ^m 17 ^s	10 ^h 4 ^m	17 ^h 32 ^m	9 ^h 40 ^m	5 ^h 42 ^m	6 ^h 0 ^m	29 ^h 17	14 ^h 30	23 ^h 27	24 ^h 42	1 ^h 38	4 ^h 45
T 5	9 32 1	24 ^h 31 ^m 17 ^s	6 ^h 02 ^m 20 ^s	1 ^h 41 ^m	11 ^h 4 ^m	18 ^h 19 ^m	9 ^h 32 ^m	5 ^h 46 ^m	6 ^h 4 ^m	29 ^h 16	14 ^h 30	23 ^h 22	24 ^h 39	1 ^h 45	4 ^h 42
F 6	9 35 58	25 ^h 31 ^m 41 ^s	18 ^h 41 ^m	3 ^h 5 ^m	12 ^h 4 ^m	19 ^h 7 ^m	9 ^h 25 ^m	5 ^h 50 ^m	6 ^h 7 ^m	29 ^h 15	14 ^h 30	23 ^h 18	24 ^h 36	1 ^h 51	4 ^h 39
S 7	9 39 55	26 ^h 32 ^m 02 ^s	1 ^h 01 ^m 18 ^s	4 ^h 31 ^m	13 ^h 3 ^m	19 ^h 54 ^m	9 ^h 18 ^m	5 ^h 55 ^m	6 ^h 11 ^m	29 ^h 15	14 ^h 29	23 ^h 13	24 ^h 33	1 ^h 58	4 ^h 36
S 8	9 43 51	27 ^h 32 ^m 21 ^s	14 ^h 11 ^m	5 ^h 58 ^m	14 ^h 2 ^m	20 ^h 41 ^m	9 ^h 10 ^m	5 ^h 59 ^m	6 ^h 14 ^m	29 ^h 14	14 ^h 29	23 ^h 9	24 ^h 30	2 ^h 5	4 ^h 33
M 9	9 47 48	28 ^h 32 ^m 38 ^s	27 ^h 20 ^m	7 ^h 26 ^m	15 ^h 0 ^m	21 ^h 29 ^m	9 ^h 3 ^m	6 ^h 3 ^m	6 ^h 17 ^m	29 ^h 13	14 ^h 29	23 ^h 6	24 ^h 26	2 ^h 12	4 ^h 30
T 10	9 51 44	29 ^h 32 ^m 54 ^s	10 ^h 07 ^m 45 ^s	8 ^h 55 ^m	15 ^h 58 ^m	22 ^h 16 ^m	8 ^h 55 ^m	6 ^h 8 ^m	6 ^h 20 ^m	29 ^h 13	14 ^h 29	23 ^h 4	24 ^h 23	2 ^h 18	4 ^h 27
W 11	9 55 41	0 ^h X33 ^m 08 ^s	24 ^h 23 ^m	10 ^h 25 ^m	16 ^h 55 ^m	23 ^h 3 ^m	8 ^h 47 ^m	6 ^h 12 ^m	6 ^h 24 ^m	29 ^h 12	14 ^h 28	23 ^h D 4	24 ^h 20	2 ^h 25	4 ^h 24
T 12	9 59 37	1 ^h 33 ^m 20 ^s	8 ^h 01 ^m 13 ^s	11 ^h 56 ^m	17 ^h 52 ^m	23 ^h 51 ^m	8 ^h 40 ^m	6 ^h 17 ^m	6 ^h 27 ^m	29 ^h 11	14 ^h 28	23 ^h 4	24 ^h 17	2 ^h 32	4 ^h 20
F 13	10 3 34	2 ^h 33 ^m 30 ^s	22 ^h 11 ^m	13 ^h 29 ^m	18 ^h 48 ^m	24 ^h 38 ^m	8 ^h 32 ^m	6 ^h 22 ^m	6 ^h 30 ^m	29 ^h 11	14 ^h 28	23 ^h 5	24 ^h 14	2 ^h 38	4 ^h 17
S 14	10 7 30	3 ^h 33 ^m 39 ^s	6 ^h 01 ^m 16 ^s	15 ^h 2 ^m	19 ^h 43 ^m	25 ^h 25 ^m	8 ^h 24 ^m	6 ^h 27 ^m	6 ^h 33 ^m	29 ^h 10	14 ^h 28	23 ^h 7	24 ^h 10	2 ^h 45	4 ^h 13
S 15	10 11 27	4 ^h 33 ^m 47 ^s	20 ^h 25 ^m	16 ^h 37 ^m	20 ^h 38 ^m	26 ^h 13 ^m	8 ^h 16 ^m	6 ^h 32 ^m	6 ^h 37 ^m	29 ^h 10	14 ^h 28	23 ^h 8	24 ^h 7	2 ^h 52	4 ^h 10
M 16	10 15 24	5 ^h 33 ^m 53 ^s	4 ^h X7 ^m 37 ^s	18 ^h 12 ^m	21 ^h 32 ^m	27 ^h 0 ^m	8 ^h 8 ^m	6 ^h 37 ^m	6 ^h 40 ^m	29 ^h 9	14 ^h 28	23 ^h R 8	24 ^h 4	2 ^h 59	4 ^h 6
T 17	10 19 20	6 ^h 33 ^m 57 ^s	18 ^h 48 ^m	19 ^h 49 ^m	22 ^h 26 ^m	27 ^h 47 ^m	8 ^h 1 ^m	6 ^h 42 ^m	6 ^h 43 ^m	29 ^h 9	14 ^h 28	23 ^h 8	24 ^h 1	3 ^h 5	4 ^h 2
W 18	10 23 17	7 ^h 34 ^m 00 ^s	2 ^h 35 ^m 7 ^s	21 ^h 27 ^m	23 ^h 19 ^m	28 ^h 35 ^m	7 ^h 53 ^m	6 ^h 47 ^m	6 ^h 46 ^m	29 ^h 8	14 ^h 28	23 ^h 7	23 ^h 58	3 ^h 12	3 ^h 58
T 19	10 27 13	8 ^h 34 ^m 01 ^s	17 ^h 2 ^m	23 ^h 6 ^m	24 ^h 11 ^m	29 ^h 22 ^m	7 ^h 45 ^m	6 ^h 52 ^m	6 ^h 49 ^m	29 ^h 8	14 ^h D28	23 ^h 5	23 ^h 55	3 ^h 19	3 ^h 54
F 20	10 31 10	9 ^h 34 ^m 01 ^s	0 ^h 00 ^m 59 ^s	24 ^h 46 ^m	25 ^h 3 ^m	0 ^h X9	7 ^h 37 ^m	6 ^h 57 ^m	6 ^h 52 ^m	29 ^h 8	14 ^h 28	23 ^h 3	23 ^h 51	3 ^h 25	3 ^h 50
S 21	10 35 6	10 ^h 33 ^m 59 ^s	14 ^h 47 ^m	26 ^h 27 ^m	25 ^h 53 ^m	0 ^h 56	7 ^h 29 ^m	7 ^h 3 ^m	6 ^h 55 ^m	29 ^h 7	14 ^h 28	23 ^h 2	23 ^h 48	3 ^h 32	3 ^h 46
S 22	10 39 3	11 ^h 33 ^m 54 ^s	28 ^h 21 ^m	28 ^h 10 ^m	26 ^h 43 ^m	1 ^h 44	7 ^h 21 ^m	7 ^h 8 ^m	6 ^h 58 ^m	29 ^h 7	14 ^h 28	23 ^h 0	23 ^h 45	3 ^h 39	3 ^h 42
M 23	10 42 59	12 ^h 33 ^m 48 ^s	11 ^h X40	29 ^h 53 ^m	27 ^h 33 ^m	2 ^h 31	7 ^h 14 ^m	7 ^h 14 ^m	7 ^h 1 ^m	29 ^h 7	14 ^h 28	23 ^h 0	23 ^h 42	3 ^h 46	3 ^h 38
T 24	10 46 56	13 ^h 33 ^m 40 ^s	24 ^h 43 ^m	1 ^h X38	28 ^h 21 ^m	3 ^h 18	7 ^h 6 ^m	7 ^h 19 ^m	7 ^h 4 ^m	29 ^h 6	14 ^h 28	22 ^h D59	23 ^h 39	3 ^h 52	3 ^h 34
W 25	10 50 53	14 ^h 33 ^m 30 ^s	7 ^h 07 ^m 29 ^s	3 ^h 24 ^m	29 ^h 9 ^m	4 ^h 5	6 ^h 58 ^m	7 ^h 25 ^m	7 ^h 7 ^m	29 ^h 6	14 ^h 28	23 ^h 0	23 ^h 36	3 ^h 59	3 ^h 29
T 26	10 54 49	15 ^h 33 ^m 17 ^s	20 ^h 0 ^m	5 ^h 11 ^m	29 ^h 55 ^m	4 ^h 52	6 ^h 50 ^m	7 ^h 31 ^m	7 ^h 10 ^m	29 ^h 6	14 ^h 28	23 ^h 0	23 ^h 32	4 ^h 6	3 ^h 25
F 27	10 58 46	16 ^h 33 ^m 03 ^s	2 ^h 01 ^m 16 ^s	6 ^h 59 ^m	0 ^h 04 ^m 1 ^s	5 ^h 40	6 ^h 43 ^m	7 ^h 37 ^m	7 ^h 13 ^m	29 ^h 6	14 ^h 28	23 ^h 1	23 ^h 29	4 ^h 12	3 ^h 21
S 28	11 2 42	17 ^h X32 ^m 46 ^s	14 ^h 08 ^m 20 ^s	8 ^h X48	1 ^h 08 ^m 26 ^s	6 ^h X27	6 ^h 07 ^m 35 ^s	7 ^h 04 ^m 2 ^s	7 ^h 00 ^m 16 ^s	29 ^h II 6	14 ^h II29	23 ^h X 2	23 ^h X26	4 ^h II19	3 ^h 016

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
S 1	14s42	21n29	4n16	21s39	0s41	3n58	1n16	17s23	1s 5	9n10	1n26	11n16	2s16	19s27	0s36	22n28	1s 3	14n41	7s59	2s34	2s 3	25n 6	4s52	3s11
M 2	14 23 24	58 4 47	21 31 0 49	4 28 1 22	17 8 1 5	9 12 1 26	11 18 2 15	19 26 0 36	22 28 1 3	14 41 7 59	2 35 2 4	25 8 4 51	3 11											
T 3	14 3 27	24 5 6	21 22 0 56	4 57 1 28	16 54 1 5	9 15 1 26	11 19 2 15	19 25 0 36	22 28 1 3	14 42 7 58	2 35 2 5	25 10 4 50	3 11											
W 4	13 44 28	35 5 12	21 11 1 3	5 27 1 34	16 40 1 5	9 18 1 26	11 21 2 15	19 25 0 36	22 28 1 3	14 42 7 58	2 37 2 7	25 11 4 49	3 11											
T 5	13 23 28	26 5 5	20 59 1 10	5 56 1 41	16 25 1 5	9 21 1 26	11 22 2 15	19 24 0 36	22 28 1 3	14 42 7 58	2 38 2 8	25 13 4 48	3 11											
F 6	13 3 26	52 4 43	20 46 1 17	6 26 1 47	16 10 1 5	9 24 1 26	11 24 2 14	19 23 0 36	22 28 1 3	14 42 7 58	2 40 2 9	25 15 4 47	3 11											
S 7	12 43 23	56 4 6	20 32 1 23	6 55 1 53	15 55 1 5	9 27 1 27	11 26 2 14	19 22 0 36	22 28 1 3	14 42 7 58	2 42 2 10	25 17 4 45	3 11											
S 8	12 22 19	46 3 17	20 16 1 28	7 24 2 0	15 40 1 5	9 30 1 27	11 27 2 14	19 21 0 36	22 28 1 3	14 42 7 57	2 44 2 12	25 18 4 44	3 11											
M 9	12 1 14	34 2 17	19 59 1 34	7 52 2 6	15 25 1 5	9 33 1 27	11 29 2 13	19 20 0 36	22 28 1 3	14 43 7 57	2 45 2 13	25 20 4 43	3 11											
T 10	11 40 8	36 1 7	19 41 1 39	8 21 2 13	15 10 1 5	9 36 1 27	11 31 2 13	19 20 0 36	22 28 1 3	14 43 7 57	2 46 2 14	25 22 4 41	3 11											
W 11	11 19 2 7	0s 7 19	21 1 44	8 49 2 20	14 54 1 5	9 39 1 27	11 33 2 13	19 19 0 36	22 28 1 3	14 43 7 57	2 46 2 15	25 23 4 40	3 11											
T 12	10 57 4s32	1 22	19 0 1 48	9 17 2 26	14 38 1 5	9 42 1 27	11 34 2 13	19 18 0 36	22 28 1 3	14 43 7 57	2 46 2 17	25 25 4 39	3 11											
F 13	10 36 11	2 2 34	18 37 1 52	9 45 2 33	14 23 1 5	9 45 1 27	11 36 2 12	19 17 0 36	22 28 1 3	14 43 7 56	2 45 2 18	25 27 4 37	3 10											
S 14	10 14 17	3 3 36	18 13 1 56	10 12 2 40	14 7 1 5	9 48 1 27	11 38 2 12	19 16 0 36	22 28 1 3	14 44 7 56	2 45 2 19	25 29 4 36	3 10											
S 15	9 52 22	10 4 26	17 48 1 59	10 39 2 46	13 50 1 5	9 51 1 27	11 40 2 12	19 16 0 36	22 28 1 3	14 44 7 56	2 44 2 21	25 30 4 34	3 10											
M 16	9 30 26	2 4 59	17 21 2 2	11 6 2 53	13 34 1 5	9 54 1 27	11 42 2 12	19 15 0 36	22 28 1 3	14 44 7 56	2 44 2 22	25 32 4 32	3 10											
T 17	9 8 28	16 5 15	16 53 2 4	11 32 3 0	13 18 1 5	9 57 1 28	11 43 2 11	19 14 0 36	22 28 1 3	14 44 7 55	2 44 2 23	25 33 4 31	3 10											
W 18	8 46 28	40 5 11	16 24 2 6	11 59 3 7	13 1 1 5	10 0 1 28	11 45 2 11	19 13 0 36	22 28 1 3	14 44 7 55	2 45 2 24	25 35 4 29	3 10											
T 19	8 23 27																							

SWISS EPHEMERIS for the year 1411

MARCH 1411 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	11 6 39	18°32'28"	26°17'	10°39'	28° 9'	7°14'	6°R28	7°48'	7°19'	29°R 6'	14°II29	23°H 2'	23°H23	4°II26	3°R12	
M 2	11 10 35	19°32'06"	8°II 9'	12°31'	2°52'	8° 1'	6°II20	7°54'	7°22'	29°D 6'	14°29'	23° 2'	23°20	4°33	3° 7'	
T 3	11 14 32	20°31'43"	20° 2'	14°24'	3°33'	8°48'	6°13'	8° 0'	7°25'	29°II 6'	14°29'	23°R 2'	23°16	4°39	3° 3'	
W 4	11 18 28	21°31'17"	2° 1'	16°18'	4°14'	9°35'	6° 5'	8° 7'	7°27'	29° 6'	14°30'	23° 2'	23°13	4°46	2°58	
T 5	11 22 25	22°30'49"	14° 9'	18°13'	4°53'	10°22'	5°58'	8°13'	7°30'	29° 6'	14°30'	23°D 2'	23°10	4°53	2°54	
F 6	11 26 21	23°30'19"	26°31'	20°10'	5°31'	11° 9'	5°51'	8°19'	7°33'	29° 6'	14°30'	23° 2'	23° 7'	4°59	2°49	
S 7	11 30 18	24°29'47"	9°II12	22° 8'	6° 8'	11°56'	5°44'	8°25'	7°35'	29° 6'	14°31'	23° 2'	23° 4'	5° 6'	2°44	
S 8	11 34 15	25°29'12"	22°12'	24° 7'	6°43'	12°43'	5°37'	8°32'	7°38'	29° 6'	14°31'	23° 3'	23° 1'	5°13	2°40	
M 9	11 38 11	26°28'34"	5°II34	26° 6'	7°17'	13°30'	5°30'	8°38'	7°41'	29° 7'	14°31'	23° 3'	22°57	5°20	2°35	
T 10	11 42 8	27°27'55"	19°17'	28° 7'	7°49'	14°17'	5°23'	8°45'	7°43'	29° 7'	14°32'	23°R 3'	22°54	5°26	2°30	
W 11	11 46 4	28°27'13"	3°II19	0°Y 9'	8°20'	15° 4'	5°16'	8°51'	7°46'	29° 7'	14°32'	23° 3'	22°51	5°33	2°25	
T 12	11 50 1	29°26'30"	17°37'	2°11'	8°50'	15°51'	5°10'	8°58'	7°48'	29° 7'	14°33'	23° 3'	22°48	5°40	2°21	
F 13	11 53 57	0°Y25'44"	2°II 4'	4°14'	9°18'	16°38'	5° 3'	9° 4'	7°51'	29° 8'	14°33'	23° 2'	22°45	5°46	2°16	
S 14	11 57 54	1°24'57"	16°36'	6°17'	9°44'	17°24'	4°57'	9°11'	7°53'	29° 8'	14°34'	23° 1'	22°41	5°53	2°11	
S 15	12 1 50	2°24'07"	1° 7'	8°20'	10° 8'	18°11'	4°50'	9°18'	7°55'	29° 9'	14°34'	23° 0'	22°38	6° 0'	2° 6'	
M 16	12 5 47	3°23'17"	15°33'	10°23'	10°31'	18°58'	4°44'	9°25'	7°58'	29° 9'	14°35'	22°59	22°35	6° 7'	2° 2'	
T 17	12 9 44	4°22'24"	29°48'	12°26'	10°52'	19°45'	4°38'	9°31'	8° 0'	29°10'	14°35'	22°D59	22°32	6°13	1°57	
W 18	12 13 40	5°21'29"	13°51'	14°28'	11°11'	20°31'	4°32'	9°38'	8° 2'	29°10'	14°36'	22°59	22°29	6°20	1°52	
T 19	12 17 37	6°20'33"	27°41'	16°29'	11°28'	21°18'	4°27'	9°45'	8° 5'	29°11'	14°37'	22°59	22°26	6°27	1°47	
F 20	12 21 33	7°19'35"	11°16'	18°29'	11°43'	22° 5'	4°21'	9°52'	8° 7'	29°11'	14°37'	23° 1'	22°22	6°34	1°43	
S 21	12 25 30	8°18'35"	24°38'	20°27'	11°56'	22°51'	4°15'	9°59'	8° 9'	29°12'	14°38'	23° 2'	22°19	6°40	1°38	
S 22	12 29 26	9°17'33"	7°H46	22°23'	12° 7'	23°38'	4°10'	10° 6'	8°11'	29°13'	14°39'	23° 3'	22°16	6°47	1°33	
M 23	12 33 23	10°16'30"	20°41'	24°16'	12°16'	24°25'	4° 5'	10°13'	8°13'	29°13'	14°39'	23°R 3'	22°13	6°54	1°28	
T 24	12 37 19	11°15'24"	3°Y24	26° 7'	12°22'	25°11'	4° 0'	10°20'	8°15'	29°14'	14°40'	23° 3'	22°10	7° 0'	1°24	
W 25	12 41 16	12°14'16"	15°54'	27°55'	12°26'	25°58'	3°55'	10°28'	8°17'	29°15'	14°41'	23° 2'	22° 7'	7° 7'	1°19	
T 26	12 45 13	13°13'06"	28°14'	29°38'	12°R28	26°44'	3°50'	10°35'	8°19'	29°15'	14°41'	22°59	22° 3'	7°14	1°15	
F 27	12 49 9	14°11'54"	10°H23	1°H19	12°27'	27°30'	3°46'	10°42'	8°21'	29°16'	14°42'	22°56	22° 0'	7°21	1°10	
S 28	12 53 6	15°10'41"	22°25'	2°55'	12°24'	28°17'	3°41'	10°49'	8°23'	29°17'	14°43'	22°53	21°57	7°27	1° 5'	
S 29	12 57 2	16° 9'25"	4°II20	4°26'	12°19'	29° 3'	3°37'	10°57'	8°25'	29°18'	14°44'	22°49	21°54	7°34	1° 1'	
M 30	13 0 59	17° 8'06"	16°12'	5°54'	12°11'	29°49'	3°33'	11° 4'	8°26'	29°19'	14°45'	22°46	21°51	7°41	0°57	
T 31	13 4 55	18°Y 6'46"	28°II 4'	7°H16	12° 1'	0°Y36	3°II29	11°H11	8°28'	29°II20	14°II45	22°H43	21°H47	7°II47	0°52	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
S 1	4s33	23n58	4n43	9s28	2s 1	16n22	4n22	9s52	1s 4	10n32	1n28	12n 8	2s 9	19s 5	0s36	22n29	1s 2	14n47	7s53	2s46	2s38	25n53	4s 9	3s 8
M 2	4 9 26	47 5	6 8	42 1	57 1	16 43	4 29	9 34	1 3	10 35	1 28	12 10	2 9	19 5	0 36	22 29	1 2	14 47	7 53	2 46	2 39	25 54	4 7	3 7
T 3	3 46	28 24	5 17	7 54	1 54	17 4	4 36	9 16	1 3	10 37	1 28	12 12	2 8	19 4	0 36	22 29	1 2	14 48	7 52	2 46	2 41	25 56	4 4	3 7
W 4	3 22	28 43	5 13	7 6	1 49	17 24	4 43	8 58	1 3	10 40	1 28	12 14	2 8	19 3	0 36	22 29	1 2	14 48	7 52	2 46	2 42	25 57	4 2	3 7
T 5	2 59	27 40	4 56	6 16	1 44	17 44	4 49	8 40	1 3	10 43	1 28	12 16	2 8	19 2	0 36	22 29	1 2	14 48	7 52	2 46	2 43	25 59	4 0	3 7
F 6	2 35	25 15	4 25	5 25	1 39	18 3	4 56	8 22	1 3	10 45	1 28	12 18	2 8	19 2	0 36	22 29	1 2	14 48	7 52	2 46	2 45	26 0	3 58	3 6
S 7	2 12	21 33	3 40	4 33	1 33	18 21	5 3	8 4	1 3	10 48	1 28	12 21	2 8	19 1	0 36	22 29	1 2	14 49	7 51	2 46	2 46	26 2	3 56	3 6
S 8	1 48	16 43	2 43	3 40	1 26	18 39	5 9	7 46	1 2	10 51	1 28	12 23	2 7	19 0	0 36	22 29	1 2	14 49	7 51	2 46	2 47	26 4	3 54	3 6
M 9	1 24	10 59	1 35	2 46	1 19	18 57	5 15	7 28	1 2	10 53	1 28	12 25	2 7	19 0	0 36	22 29	1 2	14 49	7 51	2 46	2 48	26 5	3 52	3 5
T 10	1 1 4	3 34	0 21	1 50	1 11	19 14	5 22	7 9	1 2	10 56	1 28	12 27	2 7	18 59	0 36	22 29	1 2	14 49	7 51	2 46	2 50	26 7	3 50	3 5
W 11	0 37	2s11	0s57	0 54	1 3	19 30	5 28	6 51	1 2	10 58	1 28	12 30	2 7	18 59	0 36	22 29	1 2	14 50	7 51	2 46	2 51	26 8	3 47	3 5
T 12	0 13	8 58	2 12	0n 2	0 54	19 45	5 34	6 33	1 2	11 0	1 28	12 32	2 7	18 58	0 37	22 29	1 2	14 50	7 50	2 46	2 52	26 10	3 45	3 5
F 13	0n10	15 21	3 20	1 0	0 45	20 0	5 40	6 14	1 1	11 3	1 27	12 34	2 7	18 57	0 37	22 29	1 2	14 50	7 50	2 46	2 53	26 11	3 43	3 4
S 14	0 34	20 55	4 15	1 57	0 36	20 17	5 46	5 56	1 1	11 5	1 27	12 36	2 6	18 57	0 37	22 29	1 2	14 50	7 50	2 47	2 55	26 12	3 41	3 4
S 15	0 57	25 14	4 54	2 55	0 26	20 24	5 51	5 37	1 1	11 7	1 27	12 39	2 6	18 56	0 37	22 29	1 2	14 51	7 50	2 47	2 56	26 14	3 39	3 4
M 16	1 21	27 56	5 14	3 54	0 15	20 40	5 57	5 18	1 1	11 9	1 27	12 41	2 6	18 56	0 37	22 29	1 1	14 51	7 49	2 48	2 57	26 15	3 36	3 3
T 17	1 45	28 45	5 14	4 52	0 4	20 51	6 2	5 0	1 0	11 12	1 27	12 43	2 6	18 55	0 37	22 29	1 1	14 51	7 49	2 48	2 58	26 17	3 34	3 3
W 18	2 8	27 42	4 56	5 50	0n 7	21 2	6 7	4 41	1 0	11 14	1 27	12 46	2 6	18 54	0 37	22 30	1 1	14 51	7 49	2 48	3 0	26 18	3 32	3 2
T 19	2 32	24 57	4 20	6 47	0 18	21 12	6 12	4 22	1 0	11 16	1 27	12 48	2 6	18 54	0 37	22 30	1 1	14 52	7 49	2 47	3 1	26 20	3 30	3 2
F 20	2 55	20 50	3 31	7 43	0 29	21 22	6 17	4 4	1 0	11 18	1 27	12 50	2 5	18 53	0 37	22 30	1 1	14 52	7 49	2 47	3 2	26 21	3 28	3 2
S 21	3 18	15 43	2 31	8 39	0 41	21 30	6 21	3 45	0 59	11 20	1 27	12 53	2 5	18 53	0 37	22 30	1 1	14 52	7 48	2 47	3 3	26 23	3 25	3 1
S 22	3 42	9 58	1 23	9 33	0 53	21 37	6 25	3 26	0 59	11 21	1 27	12 55	2 5	18 52	0 37	22 30	1 1	14 53	7 48	2 46	3 5	26 24	3 23	3 1
M 23	4 5	3 54	0 13	10 26	1 4	21 43	6 29	3 7	0 59	11 23	1 27	12 57	2 5	18 52	0 37	22 30	1 1	14 53	7 48	2 46	3 6	26 25	3 21	3 0
T 24	4 28	2n13	0n57	11 17	1 15	21 49	6 32	2 49	0 58	11 25	1 26	13 0	2 5	18 51	0 37	22 30	1 1	14 53	7 48	2 46	3 7	26 27	3 19	3 0
W 25	4 51	8 10	2 3	12 6	1 26	21 53	6 35	2 30	0 58	11 27	1 26	13 2	2 5	18 51	0 37	22 30	1 1	14 53	7 48	2 47	3 8	26 28	3 16	3 0
T 26	5 14	13 42	3 2	12 54	1 37	21 56	6 38	2 11	0 58	11 28	1 26	13 4	2 5	18 50	0 37	22 30	1 1	14 54	7 47	2 47	3 10	26 30	3 14	2 59
F 27	5 37	18 39	3 52	13 39	1 47	21 58	6 40	1 52	0 57	11 30	1 26	13 7	2 4	18 50	0 37	22 30	1 1	14 54	7 47	2 49	3 11	26 31	3 12	2 59
S 28	6 0	22 47	4 31	14 21	1 57	21 58	6 42	1 33	0 57	11 31	1 26	13 9	2 4	18 49	0 37	22 30	1 1	14 54	7 47	2 50	3 12	26 32	3 10	2 58
S 29	6 23	25 57	4 58	15 1	2 6	21 58	6 43	1 15	0 57	11 33	1 26	13 12	2 4	18 49	0 37	22 30	1 1	14 54	7 47	2 52	3 13			

SWISS EPHEMERIS for the year 1411

APRIL 1411 JC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
W 1	13 8 52	19°Y 5'23	10°☾ 1	8°♂34	11°R48	1°Y22	3°R25	11°♂19	8°♂30	29°II21	14°II46	22°R41	21°♂44	7°II54	0°R48
T 2	13 12 48	20° 3'59	22° 7	9°46	11°♂32	2° 8	3°M22	11°26	8°31	29°22	14°47	22°D41	21°41	8° 1	0°♂43
F 3	13 16 45	21° 2'31	4°♂27	10°54	11°15	2°54	3°18	11°34	8°33	29°23	14°48	22°♂42	21°38	8° 8	0°39
S 4	13 20 42	22° 1'02	17° 5	11°56	10°55	3°40	3°15	11°41	8°35	29°24	14°49	22°43	21°35	8°14	0°35
S 5	13 24 38	22°59'31	0°♂ 4	12°52	10°32	4°26	3°12	11°49	8°36	29°25	14°50	22°45	21°32	8°21	0°31
M 6	13 28 35	23°57'57	13°29	13°43	10° 7	5°12	3° 9	11°56	8°38	29°26	14°51	22°46	21°28	8°28	0°27
T 7	13 32 31	24°56'21	27°20	14°29	9°41	5°58	3° 6	12° 4	8°39	29°27	14°52	22°R46	21°25	8°34	0°23
W 8	13 36 28	25°54'43	11°♂36	15° 9	9°12	6°44	3° 4	12°11	8°40	29°28	14°53	22°45	21°22	8°41	0°19
T 9	13 40 24	26°53'03	26°14	15°43	8°41	7°30	3° 2	12°19	8°42	29°30	14°54	22°42	21°19	8°48	0°15
F 10	13 44 21	27°51'22	11°♂ 6	16°12	8° 9	8°16	2°59	12°26	8°43	29°31	14°55	22°38	21°16	8°55	0°11
S 11	13 48 17	28°49'38	26° 5	16°35	7°35	9° 2	2°57	12°34	8°44	29°32	14°56	22°33	21°13	9° 1	0° 7
S 12	13 52 14	29°47'53	11°♂ 2	16°52	7° 1	9°48	2°56	12°42	8°45	29°33	14°57	22°27	21° 9	9° 8	0° 3
M13	13 56 11	0°♂46'07	25°48	17° 4	6°24	10°33	2°54	12°49	8°46	29°35	14°58	22°23	21° 6	9°15	29°M59
T 14	14 0 7	1°44'19	10°♂17	17°10	5°48	11°19	2°53	12°57	8°48	29°36	14°59	22°19	21° 3	9°21	29°56
W15	14 4 4	2°42'30	24°26	17°R11	5°10	12° 5	2°51	13° 5	8°49	29°37	15° 0	22°18	21° 0	9°28	29°53
T 16	14 8 0	3°40'39	8°♂13	17° 6	4°32	12°50	2°50	13°13	8°50	29°39	15° 1	22°D17	20°57	9°35	29°49
F 17	14 11 57	4°38'46	21°39	16°57	3°55	13°36	2°49	13°20	8°51	29°40	15° 2	22°18	20°53	9°42	29°46
S 18	14 15 53	5°36'52	4°♂45	16°43	3°17	14°21	2°49	13°28	8°51	29°42	15° 3	22°20	20°50	9°48	29°43
S 19	14 19 50	6°34'57	17°35	16°24	2°39	15° 7	2°48	13°36	8°52	29°43	15° 4	22°R21	20°47	9°55	29°40
M20	14 23 46	7°33'00	0°Y11	16° 1	2° 3	15°52	2°48	13°44	8°53	29°45	15° 6	22°20	20°44	10° 2	29°37
T 21	14 27 43	8°31'01	12°36	15°35	1°27	16°37	2°D48	13°51	8°54	29°46	15° 7	22°18	20°41	10° 9	29°34
W22	14 31 40	9°29'02	24°51	15° 6	0°52	17°23	2°48	13°59	8°55	29°48	15° 8	22°14	20°38	10°15	29°31
T 23	14 35 36	10°27'00	6°♂59	14°34	0°19	18° 8	2°48	14° 7	8°55	29°49	15° 9	22° 8	20°34	10°22	29°28
F 24	14 39 33	11°24'57	19° 0	14° 0	29°Y47	18°53	2°48	14°15	8°56	29°51	15°10	21°59	20°31	10°29	29°25
S 25	14 43 29	12°22'53	0°II56	13°25	29°17	19°38	2°49	14°22	8°56	29°52	15°12	21°50	20°28	10°35	29°23
S 26	14 47 26	13°20'47	12°49	12°49	28°48	20°23	2°50	14°30	8°57	29°54	15°13	21°40	20°25	10°42	29°20
M27	14 51 22	14°18'39	24°40	12°13	28°21	21° 8	2°50	14°38	8°57	29°56	15°14	21°31	20°22	10°49	29°18
T 28	14 55 19	15°16'30	6°♂33	11°38	27°57	21°53	2°52	14°46	8°58	29°57	15°15	21°23	20°19	10°56	29°15
W29	14 59 15	16°14'19	18°29	11° 3	27°35	22°38	2°53	14°54	8°58	29°59	15°17	21°17	20°15	11° 2	29°13
T 30	15 3 12	17°12'06	0°♂34	10°♂31	27°Y14	23°Y23	2°M54	15°♂ 1	8°♂58	0°♂ 1	15°II18	21°♂14	20°♂12	11°II 9	29°M11

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	7n30	28n 7	4n59	16n46	2n30	21n49	6n44	0s18	0s56	11n37	1n25	13n19	2s 4	18s48	0s37	22n30	1s 1	14n55	7s46	2s55	3s17	26n38	3s 1	2s57
T 2	7 52	26 11	4 33	17 15	2 36	21 43	6 43	0n 0	0 55	11 38	1 25	13 21	2 4	18 47	0 37	22 30	1 1	14 56	7 46	2 55	3 18	26 39	2 59	2 56
F 3	8 14	23 0	3 54	17 42	2 42	21 36	6 41	0 19	0 55	11 39	1 25	13 24	2 4	18 47	0 37	22 30	1 1	14 56	7 46	2 54	3 20	26 40	2 57	2 56
S 4	8 36	18 40	3 3	18 6	2 46	21 27	6 39	0 38	0 55	11 40	1 25	13 26	2 3	18 47	0 37	22 30	1 1	14 56	7 46	2 54	3 21	26 42	2 54	2 55
S 5	8 58	13 22	2 1	18 26	2 49	21 17	6 36	0 56	0 54	11 41	1 25	13 28	2 3	18 46	0 37	22 30	1 1	14 56	7 46	2 53	3 22	26 43	2 52	2 55
M 6	9 20	7 17	0 51	18 44	2 52	21 6	6 32	1 15	0 54	11 42	1 24	13 31	2 3	18 46	0 37	22 30	1 1	14 57	7 45	2 53	3 24	26 44	2 50	2 54
T 7	9 41	0 41	0s25	19 0	2 53	20 53	6 28	1 34	0 53	11 43	1 24	13 33	2 3	18 46	0 37	22 30	1 1	14 57	7 45	2 53	3 25	26 46	2 48	2 54
W 8	10 3	6s 9	1 41	19 12	2 53	20 39	6 23	1 52	0 53	11 43	1 24	13 36	2 3	18 45	0 37	22 31	1 1	14 57	7 45	2 53	3 26	26 47	2 46	2 53
T 9	10 24	12 50	2 52	19 21	2 52	20 23	6 17	2 11	0 53	11 44	1 24	13 38	2 3	18 45	0 37	22 31	1 0	14 58	7 45	2 54	3 27	26 48	2 44	2 53
F 10	10 45	18 54	3 53	19 27	2 50	20 6	6 11	2 29	0 52	11 45	1 24	13 40	2 3	18 45	0 37	22 31	1 0	14 58	7 45	2 56	3 29	26 49	2 42	2 52
S 11	11 6	23 50	4 38	19 31	2 47	19 48	6 4	2 48	0 52	11 45	1 24	13 43	2 3	18 44	0 37	22 31	1 0	14 58	7 45	2 58	3 30	26 51	2 40	2 52
S 12	11 26	27 11	5 4	19 32	2 43	19 29	5 55	3 6	0 51	11 46	1 23	13 45	2 3	18 44	0 38	22 31	1 0	14 58	7 44	3 0	3 31	26 52	2 38	2 51
M13	11 47	28 37	5 10	19 29	2 37	19 9	5 47	3 25	0 51	11 46	1 23	13 48	2 3	18 44	0 38	22 31	1 0	14 59	7 44	3 2	3 32	26 53	2 36	2 51
T 14	12 7	28 1	4 55	19 24	2 30	18 47	5 37	3 43	0 51	11 46	1 23	13 50	2 2	18 44	0 38	22 31	1 0	14 59	7 44	3 3	3 34	26 54	2 34	2 50
W15	12 27	25 37	4 23	19 17	2 21	18 25	5 27	4 1	0 50	11 47	1 23	13 52	2 2	18 43	0 38	22 31	1 0	14 59	7 44	3 4	3 35	26 56	2 32	2 49
T 16	12 47	21 45	3 36	19 6	2 12	18 2	5 16	4 19	0 50	11 47	1 23	13 55	2 2	18 43	0 38	22 31	1 0	14 59	7 44	3 4	3 36	26 57	2 31	2 49
F 17	13 7	16 50	2 39	18 53	2 1	17 38	5 5	4 38	0 49	11 47	1 23	13 57	2 2	18 43	0 38	22 31	1 0	15 0	7 44	3 4	3 37	26 58	2 29	2 48
S 18	13 26	11 15	1 34	18 38	1 49	17 14	4 53	4 56	0 49	11 47	1 22	13 59	2 2	18 43	0 38	22 31	1 0	15 0	7 43	3 3	3 39	26 59	2 27	2 48
S 19	13 45	5 19	0 26	18 20	1 36	16 49	4 41	5 14	0 48	11 47	1 22	14 2	2 2	18 42	0 38	22 31	1 0	15 0	7 43	3 3	3 40	27 0	2 25	2 47
M20	14 5	0n43	0n42	18 0	1 22	16 24	4 28	5 32	0 48	11 47	1 22	14 4	2 2	18 42	0 38	22 31	1 0	15 1	7 43	3 3	3 41	27 2	2 23	2 47
T 21	14 23	6 38	1 47	17 38	1 7	15 59	4 15	5 50	0 47	11 47	1 22	14 7	2 2	18 42	0 38	22 31	1 0	15 1	7 43	3 4	3 42	27 3	2 22	2 46
W22	14 42	12 14	2 46	17 15	0 52	15 34	4 1	6 7	0 47	11 47	1 22	14 9	2 2	18 42	0 38	22 31	1 0	15 1	7 43	3 5	3 44	27 4	2 20	2 46
T 23	15 0	17 18	3 37	16 50	0 35	15 10	3 47	6 25	0 46	11 47	1 21	14 11	2 2	18 42	0 38	22 31	1 0	15 1	7 43	3 8	3 45	27 5	2 18	2 45
F 24	15 18	21 38	4 17	16 23	0 19	14 45	3 33	6 43	0 46	11 46	1 21	14 14	2 2	18 42	0 38	22 31	1 0	15 2	7 42	3 11	3 46	27 6	2 17	2 44
S 25	15 36	25 4	4 46	15 56	0 1	14 21	3 19	7 0	0 45	11 46	1 21	14 16	2 2	18 42	0 38	22 31	1 0	15 2	7 42	3 15	3 47	27 7	2 15	2 44
S 26	15 54	27 24	5 2	15 29	0s16	13 57	3 5	7 18	0 45	11 45	1 21	14 18	2 2	18 41	0 38	22 31	1 0	15 2	7 42	3 19	3 49	27 9	2 14	2 43
M27	16 11	28 29	5 5	15 1	0 33	13 34	2 50	7 35	0 44	11 45	1 21	14 21	2 2	18 41	0 38	22 31	1 0	15 2	7 42	3 23	3 50	27 10	2 12	2 43
T 28	16 28	28 16	4 55	14 34	0 51	13 12	2 36	7 53	0 44	11 44	1 20	14 23	2 2	18 41	0 38	22 31	1 0	15 3	7 42	3 26	3 51	27 11	2 11	2 42
W29	16 45	26 44	4 32	14 7	1 8	12 51	2 22	8 10	0 43	11 44	1 20	14 25	2 2	18 41	0 38	22 31	1 0	15 3	7 42	3 28	3 52	27 12	2 9	2 41

SWISS EPHEMERIS for the year 1411

MAY 1411 JC

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

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
F 1	17n18	20n 3	13n10	13n17	1s40	12n11	1n53	8n44	0s42	11n42	1n20	14n30	2s 2	18s41	0s38	22n31	1s 0	15n 3	7s42	3s30	3s55	27n14	2s 7	2s40
S 2	17 34	15 11	2 14	12 54	1 56	11 52	1 40	9 1	0 42	11 41	1 20	14 32	2 1	18 41	0 38	22 31	1 0	15 4	7 41	3 30	3 56	27 15	2 5	2 40
S 3	17 49	9 32	1 8	12 32	2 10	11 35	1 26	9 18	0 41	11 40	1 19	14 34	2 1	18 41	0 38	22 31	1 0	15 4	7 41	3 30	3 57	27 16	2 4	2 39
M 4	18 5	3 17	0s 2	12 13	2 24	11 18	1 13	9 35	0 41	11 39	1 19	14 37	2 1	18 41	0 38	22 31	1 0	15 4	7 41	3 30	3 59	27 17	2 3	2 39
T 5	18 20	3s20	1 15	11 55	2 36	11 3	0 59	9 51	0 40	11 38	1 19	14 39	2 1	18 41	0 38	22 32	1 0	15 4	7 41	3 30	4 0	27 19	2 2	2 38
W 6	18 35	10 0	2 26	11 40	2 48	10 49	0 47	10 8	0 40	11 37	1 19	14 41	2 1	18 41	0 38	22 32	1 0	15 5	7 41	3 31	4 1	27 20	2 0	2 37
T 7	18 49	16 20	3 29	11 27	2 58	10 36	0 34	10 24	0 39	11 36	1 19	14 43	2 1	18 41	0 38	22 32	1 0	15 5	7 41	3 33	4 2	27 21	1 59	2 37
F 8	19 3	21 49	4 19	11 17	3 8	10 24	0 22	10 40	0 39	11 35	1 18	14 46	2 1	18 41	0 38	22 32	0 59	15 5	7 41	3 36	4 4	27 22	1 58	2 36
S 9	19 17	25 56	4 51	11 9	3 16	10 14	0 10	10 57	0 38	11 33	1 18	14 48	2 1	18 41	0 39	22 32	0 59	15 5	7 41	3 40	4 5	27 23	1 57	2 35
S 10	19 30	28 10	5 3	11 4	3 23	10 5	0s 1	11 13	0 37	11 32	1 18	14 50	2 1	18 42	0 39	22 32	0 59	15 6	7 41	3 43	4 6	27 24	1 56	2 35
M 11	19 44	28 18	4 53	11 1	3 30	9 56	0 12	11 29	0 37	11 31	1 18	14 52	2 1	18 42	0 39	22 32	0 59	15 6	7 40	3 47	4 7	27 25	1 55	2 34
T 12	19 56	26 23	3 24	11 0	3 35	9 49	0 23	11 45	0 36	11 29	1 18	14 54	2 1	18 42	0 39	22 32	0 59	15 6	7 40	3 49	4 9	27 26	1 54	2 34
W 13	20 9	22 48	3 49	11 2	3 39	9 43	0 34	12 0	0 36	11 28	1 17	14 57	2 1	18 42	0 39	22 32	0 59	15 6	7 40	3 51	4 10	27 27	1 54	2 33
T 14	20 21	18 1	2 42	11 6	3 42	9 38	0 44	12 16	0 35	11 26	1 17	14 59	2 1	18 42	0 39	22 32	0 59	15 7	7 40	3 52	4 11	27 28	1 53	2 32
F 15	20 33	12 28	1 37	11 12	3 44	9 35	0 53	12 31	0 35	11 24	1 17	15 1	2 1	18 42	0 39	22 32	0 59	15 7	7 40	3 52	4 12	27 29	1 52	2 32
S 16	20 44	6 32	0 30	11 21	3 45	9 32	1 2	12 47	0 34	11 23	1 17	15 3	2 1	18 42	0 39	22 32	0 59	15 7	7 40	3 52	4 14	27 30	1 51	2 31
S 17	20 56	0 30	0n37	11 32	3 45	9 30	1 11	13 2	0 33	11 21	1 17	15 5	2 1	18 42	0 39	22 32	0 59	15 7	7 40	3 52	4 15	27 31	1 51	2 31
M 18	21 6	5n25	1 41	11 44	3 44	9 29	1 20	13 17	0 33	11 19	1 17	15 7	2 1	18 43	0 39	22 32	0 59	15 8	7 40	3 53	4 16	27 32	1 50	2 30
T 19	21 17	11 3	2 39	11 59	3 43	9 30	1 28	13 32	0 32	11 17	1 16	15 9	2 1	18 43	0 39	22 32	0 59	15 8	7 40	3 54	4 17	27 33	1 49	2 29
W 20	21 27	16 11	3 29	12 15	3 40	9 31	1 36	13 47	0 32	11 15	1 16	15 11	2 1	18 43	0 39	22 32	0 59	15 8	7 40	3 57	4 19	27 34	1 49	2 29
T 21	21 36	20 40	4 10	12 33	3 37	9 32	1 43	14 1	0 31	11 13	1 16	15 14	2 1	18 43	0 39	22 32	0 59	15 8	7 40	4 1	4 20	27 35	1 48	2 28
F 22	21 46	24 17	4 39	12 53	3 33	9 35	1 51	14 16	0 30	11 11	1 16	15 16	2 1	18 44	0 39	22 32	0 59	15 8	7 40	4 5	4 21	27 36	1 48	2 28
S 23	21 55	26 52	4 55	13 14	3 29	9 39	1 58	14 30	0 30	11 9	1 16	15 18	2 2	18 44	0 39	22 32	0 59	15 9	7 40	4 11	4 22	27 36	1	

SWISS EPHEMERIS for the year 1411

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
M 1	17 9 22	17II50'56	0Ω30	26♃48	5♃10	16♃51	5♃10	19♃4	8°R43	1♁5	16II2	18°R30	18♃30	14II44	29♃1
T 2	17 13 18	18°48'10	14°11	28°18	5°51	17°34	5°16	19°11	8≈41	1°7	16°3	18♃29	18°27	14°51	29°2
W 3	17 17 15	19°45'23	28°20	29°52	6°33	18°17	5°23	19°18	8°40	1°9	16°4	18°25	18°24	14°58	29°4
T 4	17 21 11	20°42'35	12II57	1II28	7°16	19°0	5°30	19°25	8°39	1°11	16°6	18°19	18°21	15°4	29°5
F 5	17 25 8	21°39'47	27°58	3°8	8°0	19°43	5°37	19°32	8°37	1°14	16°7	18°11	18°18	15°11	29°7
S 6	17 29 5	22°36'58	13♃13	4°50	8°44	20°26	5°44	19°39	8°36	1°16	16°9	18°1	18°15	15°18	29°9
S 7	17 33 1	23°34'09	28°33	6°36	9°30	21°8	5°52	19°46	8°35	1°18	16°10	17°50	18°11	15°25	29°11
M 8	17 36 58	24°31'20	13♃46	8°24	10°16	21°51	5°59	19°53	8°33	1°20	16°11	17°40	18°8	15°31	29°14
T 9	17 40 54	25°28'31	28°41	10°15	11°3	22°34	6°7	20°0	8°32	1°23	16°13	17°32	18°5	15°38	29°16
W10	17 44 51	26°25'41	13≈11	12°9	11°51	23°16	6°15	20°6	8°30	1°25	16°14	17°26	18°2	15°45	29°18
T 11	17 48 47	27°22'51	27°13	14°5	12°40	23°59	6°23	20°13	8°28	1°27	16°16	17°23	17°59	15°51	29°21
F 12	17 52 44	28°20'02	10♃45	16°4	13°29	24°41	6°30	20°20	8°27	1°29	16°17	17°22	17°56	15°58	29°23
S 13	17 56 41	29°17'12	23°51	18°5	14°19	25°23	6°39	20°27	8°25	1°31	16°18	17°22	17°52	16°5	29°26
S 14	18 0 37	0Ω14'23	6♃33	20°8	15°10	26°6	6°47	20°33	8°23	1°34	16°20	17°22	17°49	16°12	29°29
M15	18 4 34	1°11'33	18°56	22°13	16°1	26°48	6°55	20°40	8°22	1°36	16°21	17°21	17°46	16°18	29°32
T 16	18 8 30	2°8'44	1♃5	24°19	16°53	27°30	7°4	20°46	8°20	1°38	16°23	17°17	17°43	16°25	29°35
W17	18 12 27	3°5'56	13°5	26°27	17°46	28°12	7°12	20°53	8°18	1°40	16°24	17°12	17°40	16°32	29°38
T 18	18 16 23	4°3'07	24°59	28°35	18°39	28°54	7°21	20°59	8°16	1°43	16°25	17°3	17°36	16°39	29°41
F 19	18 20 20	5°0'19	6II51	0Ω45	19°33	29°36	7°29	21°6	8°15	1°45	16°27	16°52	17°33	16°45	29°45
S 20	18 24 16	5°57'31	18°43	2°55	20°27	0II18	7°38	21°12	8°13	1°47	16°28	16°40	17°30	16°52	29°48
S 21	18 28 13	6°54'43	0Ω36	5°5	21°22	1°0	7°47	21°18	8°11	1°49	16°29	16°27	17°27	16°59	29°52
M22	18 32 10	7°51'56	12°33	7°15	22°17	1°42	7°56	21°25	8°9	1°52	16°31	16°15	17°24	17°5	29°55
T 23	18 36 6	8°49'08	24°34	9°24	23°13	2°24	8°6	21°31	8°7	1°54	16°32	16°5	17°21	17°12	29°59
W24	18 40 3	9°46'21	6♃42	11°33	24°9	3°5	8°15	21°37	8°5	1°56	16°33	15°56	17°17	17°19	0Ω3
T 25	18 43 59	10°43'34	18°57	13°41	25°6	3°47	8°24	21°43	8°3	1°58	16°35	15°50	17°14	17°26	0°7
F 26	18 47 56	11°40'46	1II23	15°48	26°3	4°28	8°34	21°49	8°1	2°0	16°36	15°47	17°11	17°32	0°11
S 27	18 51 52	12°37'59	14°1	17°54	27°0	5°10	8°43	21°55	7°59	2°3	16°37	15°D46	17°8	17°39	0°15
S 28	18 55 49	13°35'12	26°55	19°58	27°58	5°51	8°53	22°1	7°57	2°5	16°39	15°47	17°5	17°46	0°19
M29	18 59 45	14°32'25	10Ω9	22°2	28°56	6°33	9°3	22°6	7°54	2°7	16°40	15°R47	17°2	17°53	0°24
T 30	19 3 42	15Ω29'38	23Ω45	24Ω3	29♃55	7II14	9II13	22♃12	7≈52	2Ω9	16II41	15♃47	16♃58	17II59	0Ω28

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			
M 1	22n58	1s10	1s3	17n15	2s19	10n41	2s46	16n32	0s24	10n48	1n14	15n35	2s2	18s46	0s39	22n32	0s59	15n10	7s39	4s34	4s34	27n44	1s46	2s22							
T 2	23 3	7 37	2 11	17 45	2 9	10 51	2 50	16 45	0 23	10 45	1 14	15 37	2 2	18 47	0 39	22 32	0 59	15 10	7 39	4 34	4 35	27 45	1 46	2 21							
W 3	23 7	13 56	3 14	18 15	1 59	11 1	2 53	16 58	0 23	10 43	1 14	15 39	2 2	18 47	0 39	22 32	0 59	15 11	7 39	4 36	4 36	27 46	1 46	2 20							
T 4	23 11	19 40	4 5	18 46	1 48	11 12	2 57	17 10	0 22	10 40	1 14	15 41	2 2	18 48	0 39	22 32	0 59	15 11	7 39	4 38	4 37	27 47	1 46	2 20							
F 5	23 15	24 21	4 42	19 16	1 37	11 23	3 0	17 23	0 21	10 37	1 13	15 43	2 2	18 48	0 39	22 32	0 59	15 11	7 39	4 41	4 39	27 48	1 47	2 19							
S 6	23 19	27 24	4 59	19 46	1 25	11 34	3 3	17 35	0 21	10 34	1 13	15 45	2 2	18 48	0 39	22 32	0 59	15 11	7 39	4 45	4 40	27 49	1 47	2 19							
S 7	23 22	28 26	4 55	20 16	1 14	11 46	3 6	17 47	0 20	10 31	1 13	15 46	2 2	18 49	0 40	22 32	0 59	15 11	7 39	4 49	4 41	27 49	1 47	2 18							
M 8	23 24	27 17	4 30	20 45	1 2	11 58	3 8	17 58	0 19	10 28	1 13	15 48	2 2	18 49	0 40	22 32	0 59	15 11	7 39	4 53	4 42	27 50	1 47	2 17							
T 9	23 26	24 11	3 47	21 13	0 51	12 11	3 10	18 10	0 19	10 25	1 13	15 50	2 2	18 50	0 40	22 32	0 59	15 12	7 39	4 56	4 44	27 51	1 48	2 17							
W10	23 28	19 38	2 50	21 41	0 39	12 23	3 12	18 22	0 18	10 22	1 13	15 52	2 2	18 50	0 40	22 32	0 59	15 12	7 39	4 59	4 45	27 52	1 48	2 16							
T 11	23 30	14 7	1 44	22 7	0 27	12 36	3 14	18 33	0 17	10 19	1 12	15 53	2 3	18 50	0 40	22 32	0 59	15 12	7 39	5 0	4 46	27 53	1 49	2 16							
F 12	23 30	8 6	0 35	22 32	0 16	12 49	3 16	18 44	0 17	10 16	1 12	15 55	2 3	18 51	0 40	22 32	0 59	15 12	7 39	5 0	4 47	27 53	1 49	2 15							
S 13	23 31	1 56	0n34	22 55	0 4	13 3	3 17	18 55	0 16	10 13	1 12	15 57	2 3	18 51	0 40	22 32	0 59	15 12	7 39	5 0	4 49	27 54	1 50	2 14							
S 14	23 31	4n 8	1 40	23 16	0n 7	13 16	3 19	19 5	0 15	10 10	1 12	15 58	2 3	18 52	0 40	22 32	0 59	15 12	7 39	5 0	4 50	27 55	1 50	2 14							
M15	23 31	9 53	2 39	23 35	0 18	13 30	3 20	19 16	0 15	10 7	1 12	16 0	2 3	18 52	0 40	22 32	0 59	15 13	7 39	5 1	4 51	27 56	1 51	2 13							
T 16	23 30	15 10	3 29	23 52	0 28	13 44	3 21	19 26	0 14	10 3	1 12	16 2	2 3	18 53	0 40	22 32	0 59	15 13	7 39	5 2	4 52	27 56	1 52	2 13							
W17	23 29	19 47	4 10	24 7	0 38	13 58	3 21	19 37	0 13	10 0	1 12	16 3	2 3	18 53	0 40	22 32	0 59	15 13	7 39	5 4	4 53	27 57	1 52	2 12							
T 18	23 27	23 35	4 39	24 19	0 48	14 12	3 22	19 47	0 13	9 57	1 11	16 5	2 3	18 54	0 40	22 32	0 59	15 13	7 39	5 8	4 55	27 58	1 53	2 12							
F 19	23 25	26 24	4 57	24 28	0 57	14 26	3 22	19 56	0 12	9 53	1 11	16 7	2 3	18 54	0 40	22 32	0 59	15 13	7 39	5 12	4 56	27 58	1 54	2 11							
S 20	23 23	28 2	5 1	24 34	1 5	14 40	3 23	20 6	0 11	9 50	1 11	16 8	2 3	18 55	0 40	22 32	0 59	15 13	7 39	5 17	4 57	27 59	1 55	2 10							
S 21	23 20	28 23	4 52	24 38	1 13	14 54	3 23	20 15	0 10	9 46	1 11	16 10	2 3	18 55	0 40	22 32	0 59	15 13	7 39	5 22	4 58	28 0	1 56	2 10							
M22	23 17	27 25	4 30	24 39	1 20	15 8	3 23	20 25	0 10	9 43	1 11	16 11	2 4	18 56	0 40	22 32	0 59	15 13	7 39	5 26	5 0	28 1	1 57	2 9							
T 23	23 13	25 10	3 57	24 37	1 26	15 22	3 22	20 34	0 9	9 39	1 11	16 13	2 4	18 56	0 40	22 32	0 59	15 14	7 39	5 31	5 1	28 1	1 58	2 9							
W24	23 9	21 45	3 12	24 32	1 32	15 36	3 22	20 42	0 8	9 36	1 11	16 14	2 4	18 57	0 40	22 32	0 59	15 14	7 39	5 34	5 2	28 2	1 59	2 8							
T 25	23 5	17 22	2 18	24 25	1 37	15 50	3 22	20 51	0 8	9 32	1 10	16 15	2 4	18 58	0 40	22 32	0 59	15 14	7 39	5 36	5 3	28 3	2 0	2 8							
F 26	23 0	12 12	1 16	24 15	1 41	16 4	3 21	21 0	0 7	9 28	1 10	16 17	2 4	18 58	0 40	22 32	0 59	15 14	7 39	5 37	5 5										

SWISS EPHEMERIS for the year 1411

JULY 1411 JC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
W 1	19 7 39	16°26'52	7♎45	26°3	0♈54	7♎55	9♍23	22♉18	7°R50	2♉11	16♎42	15°R45	16♋55	18♎6	0♉33							
T 2	19 11 35	17°24'05	22°10	28°1	1°54	8°36	9°33	22°23	7°48	2°14	16°44	15°41	16°52	18°13	0°37							
F 3	19 15 32	18°21'19	6♌55	29°58	2°53	9°17	9°43	22°29	7°46	2°16	16°45	15°35	16°49	18°19	0°42							
S 4	19 19 28	19°18'33	21°56	1♎53	3°53	9°58	9°53	22°34	7°44	2°18	16°46	15°28	16°46	18°26	0°47							
S 5	19 23 25	20°15'48	7♌3	3°46	4°54	10°39	10°3	22°40	7°41	2°20	16°47	15°19	16°42	18°33	0°52							
M 6	19 27 21	21°13'03	22°8	5°37	5°55	11°20	10°14	22°45	7°39	2°22	16°49	15°12	16°39	18°40	0°57							
T 7	19 31 18	22°10'19	7♌0	7°26	6°56	12°1	10°24	22°50	7°37	2°24	16°50	15°5	16°36	18°46	1°2							
W 8	19 35 15	23°7'35	21°31	9°14	7°57	12°42	10°35	22°55	7°35	2°26	16°51	15°1	16°33	18°53	1°7							
T 9	19 39 11	24°4'53	5♌36	11°0	8°59	13°22	10°45	23°0	7°32	2°29	16°52	14°59	16°30	19°0	1°12							
F 10	19 43 8	25°2'11	19°13	12°45	10°1	14°3	10°56	23°5	7°30	2°31	16°53	14°D59	16°27	19°6	1°17							
S 11	19 47 4	25°59'30	2♎23	14°27	11°3	14°44	11°7	23°10	7°28	2°33	16°54	14°59	16°23	19°13	1°23							
S 12	19 51 1	26°56'50	15°9	16°8	12°5	15°24	11°17	23°15	7°25	2°35	16°56	15°1	16°20	19°20	1°28							
M13	19 54 57	27°54'11	27°35	17°47	13°8	16°5	11°28	23°20	7°23	2°37	16°57	15°R1	16°17	19°27	1°34							
T 14	19 58 54	28°51'33	9♌46	19°25	14°11	16°45	11°39	23°25	7°21	2°39	16°58	15°1	16°14	19°33	1°39							
W15	20 2 50	29°48'57	21°45	21°0	15°15	17°25	11°50	23°29	7°18	2°41	16°59	14°58	16°11	19°40	1°45							
T 16	20 6 47	0♎46'21	3♎39	22°34	16°18	18°5	12°1	23°34	7°16	2°43	17°0	14°54	16°8	19°47	1°51							
F 17	20 10 44	1°43'47	15°31	24°6	17°22	18°46	12°13	23°38	7°13	2°45	17°1	14°48	16°4	19°54	1°57							
S 18	20 14 40	2°41'14	27°24	25°37	18°26	19°26	12°24	23°43	7°11	2°47	17°2	14°41	16°1	20°0	2°3							
S 19	20 18 37	3°38'43	9♌21	27°6	19°30	20°6	12°35	23°47	7°9	2°49	17°3	14°33	15°58	20°7	2°9							
M20	20 22 33	4°36'12	21°24	28°33	20°35	20°46	12°47	23°51	7°6	2°51	17°4	14°26	15°55	20°14	2°15							
T 21	20 26 30	5°33'42	3♎35	29°58	21°40	21°25	12°58	23°55	7°4	2°53	17°5	14°19	15°52	20°20	2°21							
W22	20 30 26	6°31'14	15°54	1♎22	22°44	22°5	13°10	23°59	7°1	2°55	17°6	14°15	15°48	20°27	2°27							
T 23	20 34 23	7°28'46	28°24	2°43	23°50	22°45	13°21	24°3	6°59	2°57	17°7	14°12	15°45	20°34	2°34							
F 24	20 38 19	8°26'20	11♎5	4°3	24°55	23°25	13°33	24°7	6°57	2°59	17°8	14°D10	15°42	20°41	2°40							
S 25	20 42 16	9°23'54	23°59	5°21	26°0	24°4	13°45	24°11	6°54	3°1	17°9	14°11	15°39	20°47	2°47							
S 26	20 46 13	10°21'30	7♌6	6°37	27°6	24°44	13°56	24°15	6°52	3°2	17°10	14°12	15°36	20°54	2°53							
M27	20 50 9	11°19'06	20°28	7°50	28°12	25°23	14°8	24°18	6°49	3°4	17°11	14°14	15°33	21°1	3°0							
T 28	20 54 6	12°16'43	4♎7	9°2	29°18	26°3	14°20	24°22	6°47	3°6	17°12	14°15	15°29	21°8	3°6							
W29	20 58 2	13°14'22	18°3	10°12	0♌24	26°42	14°32	24°25	6°45	3°8	17°13	14°R15	15°26	21°14	3°13							
T 30	21 1 59	14°12'01	2♌16	11°19	1°31	27°21	14°44	24°28	6°42	3°10	17°14	14°14	15°23	21°21	3°20							
F 31	21 5 55	15°9'42	16♌43	12♎24	2♌37	28♎0	14♎56	24♎31	6°40	3♌11	17♎14	14♎11	15♎20	21♎28	3♌27							

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
W 1	22n30	17s56	4s 1	22n48	1n50	17n13	3s16	21n39	0s 3	9n 9	1n10	16n24	2s 5	19s 1	0s40	22n31	0s59	15n14	7s39	5s38	5s11	28n 6	2s 7	2s 4	
T 2	22 23 22	52 4	40 22	25 1	50 17	26 3	14 21	46 0	3 9	5 1	10 16	25 2	5 19	1 0	40 22	31 0	59 15	14 7	39 5	40 5	12 28	7 2	8 2	4	
F 3	22 15 26	29 5	1 22	0 1	49 17	39 3	13 21	53 0	2 9	2 1	10 16	26 2	5 19	2 0	40 22	31 0	59 15	14 7	39 5	42 5	13 28	8 2	10 2	3	
S 4	22 7 28	19 5	3 21	33 1	47 17	52 3	11 22	0 0	1 8	58 1	9 16	28 2	5 19	3 0	40 22	31 0	59 15	14 7	39 5	45 5	15 28	8 2	11 2	3	
S 5	21 59 28	3 4	4 44	21 5	1 45	18 5	3 9	22 7	0 0	8 54	1 9	16 29	2 5	19 3	0 40	22 31	0 59	15 15	7 39	5 48	5 16	28 9	2 13	2	2
M 6	21 50 25	43 4	4 20	35 1	43 18	17 3	7 22	13 0	m 0	8 50	1 9	16 30	2 5	19 4	0 40	22 31	0 59	15 15	7 39	5 51	5 17	28 9	2 14	2	2
T 7	21 41 21	38 3	9 20	4 1	39 18	30 3	5 22	20 0	1 8	45 1	9 16	31 2	5 19	4 0	40 22	31 0	59 15	15 7	39 5	54 5	18 28	10 2	16 2	1	1
W 8	21 32 16	19 2	3 19	32 1	36 18	42 3	3 22	26 0	2 8	41 1	9 16	32 2	6 19	5 0	40 22	31 0	59 15	15 7	39 5	55 5	20 28	10 2	17 2	1	1
T 9	21 22 10	16 0	5 18	59 1	31 18	53 3	1 22	31 0	3 8	37 1	9 16	33 2	6 19	6 0	40 22	31 0	59 15	15 7	39 5	56 5	21 28	11 2	19 2	0	0
F 10	21 12 3 56	0n23	18 26	1 27	19 5	3 2	59 22	37 0	3 8	33 1	9 16	35 2	6 19	6 0	40 22	31 0	59 15	15 7	39 5	56 5	22 28	11 2	21 2	0	0
S 11	21 1 2n22	1 32	17 51	1 21	19 16	2 56	22 43	0 4	8 29	1 9	16 36	2 6	19 7	0 40	22 31	0 59	15 15	7 39	5 56	5 23	28 12	2 22	1 59		
S 12	20 50 8 22	2 35	17 16	1 16	19 26	2 54	22 48	0 5	8 25	1 9	16 37	2 6	19 7	0 40	22 31	0 59	15 15	7 40	5 55	5 24	28 13	2 24	1 59		
M13	20 39 13 54	3 29	16 40	1 10	19 37	2 51	22 53	0 6	8 20	1 8	16 38	2 6	19 8	0 40	22 31	0 59	15 15	7 40	5 55	5 26	28 13	2 26	1 58		
T 14	20 27 18 46	4 12	16 3	1 3	19 47	2 49	22 58	0 7	8 16	1 8	16 39	2 6	19 9	0 40	22 31	0 59	15 15	7 40	5 55	5 27	28 14	2 28	1 58		
W15	20 15 22 49	4 44	15 26	0 57	19 57	2 46	23 3	0 7	8 12	1 8	16 40	2 7	19 9	0 40	22 31	0 59	15 15	7 40	5 56	5 28	28 14	2 29	1 57		
T 16	20 3 25 54	5 2	14 49	0 50	20 6	2 43	23 7	0 8	8 7	1 8	16 41	2 7	19 10	0 40	22 31	0 59	15 15	7 40	5 58	5 29	28 15	2 31	1 57		
F 17	19 50 27 50	5 8	14 11	0 42	20 15	2 41	23 11	0 9	8 3	1 8	16 42	2 7	19 11	0 40	22 31	0 59	15 15	7 40	6 0	5 31	28 15	2 33	1 56		
S 18	19 37 28 30	5 1	13 34	0 34	20 24	2 38	23 15	0 10	7 59	1 8	16 43	2 7	19 11	0 40	22 31	0 59	15 15	7 40	6 3	5 32	28 15	2 35	1 56		
S 19	19 24 27 51	4 40	12 56	0 26	20 32	2 35	23 19	0 10	7 54	1 8	16 44	2 7	19 12	0 40	22 31	0 59	15 15	7 40	6 6	5 33	28 16	2 37	1 55		
M20	19 10 25 53	4 7	12 18	0 18	20 40	2 32	23 23	0 11	7 50	1 8	16 44	2 7	19 12	0 40	22 31	0 59	15 15	7 40	6 9	5 34	28 16	2 39	1 55		
T 21	18 57 22 42	3 22	11 40	0 9	20 47	2 28	23 26	0 12	7 45	1 8	16 45	2 8	19 13	0 40	22 30	0 59	15 15	7 40	6 11	5 36	28 17	2 41	1 54		
W22	18 42 18 28	2 28	11 2	0 0	20 54	2 25	23 30	0 13	7 41	1 8	16 46	2 8	19 14	0 40	22 30	0 59	15 15	7 40	6 13	5 37	28 17	2 43	1 54		
T 23	18 28 13 23	1 25	10 24	0s 9	21 0	2 22	23 33	0 14	7 36	1 8	16 47	2 8	19 14	0 40	22 30	0 59	15 15	7 40	6 14	5 38	28 18	2 45	1 53		
F 24	18 13 7 41	0 17	9 47	0 18	21 6	2 19	23 36	0 14	7 32	1 8	16 48	2 8	19 15	0 40	22 30	0 59	15 15	7 40	6 15	5 39	28 18	2 47	1 53		
S 25	17 58 1 35	0s53	9 9	0 27	21 12	2 16	23 38	0 15	7 27	1 7	16 48	2 8	19 16	0 40	22 30	0 59	15 15	7 41	6 15	5 41	28 19	2 50	1 52		
S 26	17 42 4s41	2 2	8 32	0 37	21 17	2 12	23 41	0 16	7 23	1 7	16 49	2 8	19 16	0 40	22 30	0 59	15 15	7 41	6 14	5 42	28 19	2 52	1 52		
M27	17 26 10 53	3 5	7 56	0 47	21 22	2 9	23 43	0 17	7 18	1 7	16 50	2 9	19 17	0 40	22 30	0 59	15 15	7 41	6 14	5 43	28 19	2 54	1 52		
T 28	17 10 16 41	3 59	7 20	0 57	21 26	2 5	23 45	0 18	7 13	1 7	16 50	2 9	19 17	0 40	22 30	0 59	15 15	7 41							

SWISS EPHEMERIS for the year 1411

AUGUST 1411 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	21 9 52	16♌ 7'23	1♃22	13♎27	3♌44	28♋39	15♎ 8	24♌35	6♌R38	3♌13	17♋15	14♌R 8	15♌17	21♋34	3♌34	
S 2	21 13 48	17° 5'06	16° 6	14°27	4°51	29°18	15°20	24°38	6♌35	3°15	17°16	14♌ 4	15°14	21°41	3°41	
M 3	21 17 45	18° 2'50	0♌49	15°24	5°58	29°57	15°32	24°41	6°33	3°17	17°17	14° 1	15°10	21°48	3°48	
T 4	21 21 42	19° 0'35	15°23	16°18	7° 6	0♌36	15°44	24°43	6°31	3°18	17°18	13°58	15° 7	21°55	3°55	
W 5	21 25 38	19°58'22	29°41	17°10	8°13	1°15	15°56	24°46	6°28	3°20	17°18	13°56	15° 4	22° 1	4° 2	
T 6	21 29 35	20°56'10	13♌39	17°58	9°21	1°54	16° 9	24°49	6°26	3°22	17°19	13°D55	15° 1	22° 8	4° 9	
F 7	21 33 31	21°54'00	27°14	18°43	10°28	2°32	16°21	24°51	6°24	3°23	17°20	13°56	14°58	22°15	4°17	
S 8	21 37 28	22°51'51	10♌26	19°24	11°36	3°11	16°33	24°54	6°21	3°25	17°20	13°57	14°54	22°21	4°24	
S 9	21 41 24	23°49'44	23°14	20° 1	12°44	3°49	16°46	24°56	6°19	3°26	17°21	13°59	14°51	22°28	4°31	
M10	21 45 21	24°47'39	5♌43	20°35	13°53	4°28	16°58	24°58	6°17	3°28	17°22	14° 0	14°48	22°35	4°39	
T 11	21 49 17	25°45'36	17°57	21° 4	15° 1	5° 6	17°11	25° 0	6°15	3°30	17°22	14° 1	14°45	22°42	4°46	
W12	21 53 14	26°43'35	29°58	21°29	16°10	5°44	17°23	25° 2	6°12	3°31	17°23	14°R 1	14°42	22°48	4°54	
T 13	21 57 11	27°41'35	11♋53	21°49	17°18	6°22	17°36	25° 4	6°10	3°33	17°24	14° 0	14°39	22°55	5° 1	
F 14	22 1 7	28°39'38	23°46	22° 4	18°27	7° 0	17°48	25° 6	6° 8	3°34	17°24	13°59	14°35	23° 2	5° 9	
S 15	22 5 4	29°37'42	5♌40	22°13	19°36	7°38	18° 1	25° 8	6° 6	3°35	17°25	13°57	14°32	23° 9	5°17	
S 16	22 9 0	0♎35'49	17°41	22°R17	20°45	8°16	18°14	25° 9	6° 4	3°37	17°25	13°55	14°29	23°15	5°25	
M17	22 12 57	1°33'57	29°50	22°15	21°54	8°54	18°26	25°11	6° 2	3°38	17°26	13°53	14°26	23°22	5°32	
T 18	22 16 53	2°32'07	12♌11	22° 7	23° 4	9°32	18°39	25°12	6° 0	3°40	17°26	13°52	14°23	23°29	5°40	
W19	22 20 50	3°30'19	24°45	21°53	24°13	10°10	18°52	25°14	5°58	3°41	17°27	13°51	14°20	23°35	5°48	
T 20	22 24 46	4°28'32	7♎32	21°32	25°23	10°47	19° 4	25°15	5°56	3°42	17°27	13°D50	14°16	23°42	5°56	
F 21	22 28 43	5°26'48	20°34	21° 5	26°33	11°25	19°17	25°16	5°54	3°43	17°28	13°50	14°13	23°49	6° 4	
S 22	22 32 40	6°25'05	3♌50	20°32	27°42	12° 2	19°30	25°17	5°52	3°45	17°28	13°51	14°10	23°56	6°12	
S 23	22 36 36	7°23'23	17°19	19°52	28°52	12°40	19°43	25°18	5°50	3°46	17°29	13°51	14° 7	24° 2	6°20	
M24	22 40 33	8°21'44	1♌ 1	19° 7	0♌ 2	13°17	19°56	25°18	5°48	3°47	17°29	13°52	14° 4	24° 9	6°28	
T 25	22 44 29	9°20'06	14°53	18°16	1°13	13°54	20° 8	25°19	5°46	3°48	17°29	13°52	14° 0	24°16	6°36	
W26	22 48 26	10°18'30	28°55	17°21	2°23	14°31	20°21	25°19	5°44	3°49	17°30	13°52	13°57	24°22	6°44	
T 27	22 52 22	11°16'55	13♌ 5	16°22	3°33	15° 8	20°34	25°20	5°42	3°50	17°30	13°R53	13°54	24°29	6°52	
F 28	22 56 19	12°15'22	27°20	15°21	4°44	15°45	20°47	25°20	5°41	3°51	17°30	13°52	13°51	24°36	7° 1	
S 29	23 0 15	13°13'51	11♃39	14°19	5°54	16°22	21° 0	25°20	5°39	3°53	17°30	13°52	13°48	24°43	7° 9	
S 30	23 4 12	14°12'21	25°57	13°17	7° 5	16°59	21°13	25°R20	5°37	3°54	17°31	13°D52	13°45	24°49	7°17	
MB1	23 8 9	15♎10'53	10♌12	12♎17	8♌16	17♃35	21♎26	25♌20	5♌35	3♌55	17♋31	13♌52	13♌41	24♋56	7♌25	

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	16n 3	28s29	4s59	5n 1	1s38	21n37	1s51	23n51	0n21	6n54	1n 7	16n53	2s10	19s20	0s40	22n30	0s59	15n15	7s41	6s16	5s49	28n21	3s 6	1s49
S 2	15 46	26 56	4 25	4 29	1 48	21 38	1 47	23 53	0 22	6 50	1 7	16 54	2 10	19 20	0 40	22 30	0 59	15 15	7 41	6 17	5 50	28 22	3 8	1 49
M 3	15 28	23 32	3 35	3 57	1 59	21 39	1 44	23 53	0 22	6 45	1 7	16 54	2 10	19 21	0 40	22 30	0 59	15 15	7 41	6 19	5 52	28 22	3 10	1 48
T 4	15 10	18 40	2 30	3 26	2 9	21 40	1 40	23 54	0 23	6 40	1 7	16 55	2 10	19 21	0 40	22 30	0 59	15 15	7 42	6 20	5 53	28 22	3 13	1 48
W 5	14 52	12 50	1 17	2 57	2 19	21 39	1 36	23 55	0 24	6 35	1 7	16 55	2 10	19 22	0 40	22 30	0 59	15 15	7 42	6 20	5 54	28 23	3 15	1 48
T 6	14 34	6 28	0 1	2 29	2 30	21 39	1 33	23 55	0 25	6 30	1 7	16 55	2 10	19 23	0 40	22 30	0 59	15 15	7 42	6 21	5 55	28 23	3 18	1 47
F 7	14 15	0n 1	1n13	2 2	2 40	21 37	1 29	23 55	0 26	6 26	1 7	16 56	2 11	19 23	0 40	22 30	0 59	15 15	7 42	6 20	5 57	28 23	3 20	1 47
S 8	13 56	6 18	2 21	1 36	2 50	21 36	1 25	23 55	0 26	6 21	1 7	16 56	2 11	19 24	0 40	22 30	0 59	15 15	7 42	6 20	5 58	28 23	3 23	1 46
S 9	13 37	12 9	3 20	1 12	3 0	21 33	1 21	23 55	0 27	6 16	1 7	16 57	2 11	19 24	0 40	22 29	0 59	15 15	7 42	6 19	5 59	28 24	3 25	1 46
M10	13 18	17 22	4 8	0 50	3 10	21 30	1 18	23 55	0 28	6 11	1 7	16 57	2 11	19 25	0 40	22 29	0 59	15 15	7 42	6 19	6 0	28 24	3 28	1 46
T 11	12 59	21 46	4 43	0 30	3 19	21 27	1 14	23 54	0 29	6 6	1 7	16 57	2 11	19 25	0 40	22 29	0 59	15 15	7 42	6 19	6 2	28 24	3 31	1 45
W12	12 39	25 11	5 6	0 12	3 28	21 23	1 10	23 53	0 30	6 1	1 7	16 58	2 12	19 26	0 40	22 29	0 59	15 15	7 42	6 19	6 3	28 25	3 33	1 45
T 13	12 19	27 29	5 15	0s 4	3 37	21 18	1 6	23 53	0 31	5 56	1 7	16 58	2 12	19 27	0 40	22 29	0 59	15 15	7 42	6 19	6 4	28 25	3 36	1 44
F 14	11 59	28 33	5 11	0 17	3 45	21 13	1 3	23 51	0 32	5 51	1 6	16 58	2 12	19 27	0 40	22 29	0 59	15 15	7 43	6 19	6 5	28 25	3 38	1 44
S 15	11 38	28 17	4 53	0 27	3 52	21 7	0 59	23 50	0 32	5 46	1 6	16 58	2 12	19 28	0 40	22 29	0 59	15 14	7 43	6 20	6 6	28 25	3 41	1 43
S 16	11 18	26 41	4 23	0 35	3 59	21 0	0 55	23 49	0 33	5 41	1 6	16 59	2 12	19 28	0 40	22 29	0 59	15 14	7 43	6 21	6 8	28 25	3 44	1 43
M17	10 57	23 50	3 40	0 40	4 5	20 53	0 51	23 47	0 34	5 36	1 6	16 59	2 13	19 29	0 40	22 29	0 59	15 14	7 43	6 21	6 9	28 26	3 47	1 43
T 18	10 36	19 51	2 46	0 41	4 10	20 46	0 47	23 45	0 35	5 31	1 6	16 59	2 13	19 29	0 40	22 29	0 59	15 14	7 43	6 22	6 10	28 26	3 49	1 42
W19	10 15	14 57	1 44	0 40	4 14	20 37	0 44	23 43	0 36	5 26	1 6	16 59	2 13	19 30	0 40	22 29	0 59	15 14	7 43	6 22	6 11	28 26	3 52	1 42
T 20	9 54	9 18	0 35	0 34	4 17	20 29	0 40	23 41	0 37	5 21	1 6	16 59	2 13	19 30	0 40	22 29	0 59	15 14	7 43	6 23	6 13	28 26	3 55	1 42
F 21	9 33	3 11	0s37	0 25	4 18	20 19	0 36	23 39	0 38	5 16	1 6	16 59	2 13	19 31	0 40	22 29	0 59	15 14	7 43	6 23	6 14	28 26	3 58	1 41
S 22	9 11	3s11	1 49	0 12	4 18	20 10	0 32	23 37	0 38	5 11	1 6	16 59	2 13	19 31	0 40	22 29	0 59	15 14	7 44	6 22	6 15	28 27	4 1	1 41
S 23	8 49	9 31	2 55	0n 5	4 17	19 59	0 29	23 34	0 39	5 6	1 6	16 5												

SWISS EPHEMERIS for the year 1411

SEPTEMBER 1411 JC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	23 12 5	16 ¹⁷ 9'26	24 ²⁸ 18	11°R19	9 ¹² 27	18 ²⁶ 12	21 ¹⁷ 39	25°R20	5°R34	3 ²⁶ 55	17 ¹¹ 31	13 ¹³ 53	13 ¹³ 38	25 ¹¹ 3	7 ¹² 34							
W 2	23 16 2	17° 8'01	8 ¹⁴ 14	10 ¹⁷ 27	10°38	18°48	21°52	25 ²⁰ 20	5 ³² 32	3°56	17°31	13°R53	13°35	25°10	7°42							
T 3	23 19 58	18° 6'38	21°54	9°41	11°49	19°25	22° 5	25°20	5°31	3°57	17°31	13°53	13°32	25°16	7°51							
F 4	23 23 55	19° 5'18	5 ¹⁷ 17	9° 1	13° 0	20° 1	22°18	25°19	5°29	3°58	17°32	13°52	13°29	25°23	7°59							
S 5	23 27 51	20° 3'59	18°21	8°30	14°12	20°37	22°31	25°19	5°28	3°59	17°32	13°52	13°26	25°30	8° 7							
S 6	23 31 48	21° 2'42	1 ⁸ 7	8° 8	15°23	21°13	22°44	25°18	5°26	4° 0	17°32	13°51	13°22	25°36	8°16							
M 7	23 35 44	22° 1'28	13°36	7°56	16°35	21°49	22°57	25°17	5°25	4° 0	17°32	13°50	13°19	25°43	8°24							
T 8	23 39 41	23° 0'16	25°50	7°D54	17°47	22°25	23°10	25°16	5°23	4° 1	17°32	13°49	13°16	25°50	8°33							
W 9	23 43 37	23°59'06	7 ¹¹ 53	8° 1	18°58	23° 1	23°23	25°15	5°22	4° 2	17°R32	13°48	13°13	25°57	8°41							
T 10	23 47 34	24°57'58	19°49	8°19	20°10	23°36	23°36	25°14	5°21	4° 3	17°32	13°D48	13°10	26° 3	8°50							
F 11	23 51 31	25°56'53	1 ²⁶ 41	8°46	21°22	24°12	23°49	25°13	5°19	4° 3	17°32	13°48	13° 6	26°10	8°59							
S 12	23 55 27	26°55'50	13°36	9°23	22°34	24°48	24° 2	25°12	5°18	4° 4	17°32	13°48	13° 3	26°17	9° 7							
S 13	23 59 24	27°54'50	25°37	10° 8	23°46	25°23	24°15	25°10	5°17	4° 4	17°32	13°49	13° 0	26°23	9°16							
M14	0 3 20	28°53'51	7 ¹² 49	11° 2	24°58	25°58	24°28	25° 9	5°16	4° 5	17°32	13°51	12°57	26°30	9°24							
T 15	0 7 17	29°52'55	20°16	12° 3	26°11	26°33	24°41	25° 7	5°15	4° 5	17°31	13°52	12°54	26°37	9°33							
W16	0 11 13	0 ² 52'01	3 ¹⁷ 0	13°11	27°23	27° 8	24°54	25° 5	5°14	4° 6	17°31	13°53	12°51	26°44	9°42							
T 17	0 15 10	1°51'09	16° 4	14°25	28°36	27°43	25° 6	25° 3	5°13	4° 6	17°31	13°R53	12°47	26°50	9°50							
F 18	0 19 6	2°50'20	29°27	15°45	29°48	28°18	25°19	25° 1	5°12	4° 7	17°31	13°52	12°44	26°57	9°59							
S 19	0 23 3	3°49'32	13 ² 8	17° 9	1 ¹⁷ 1	28°53	25°32	24°59	5°11	4° 7	17°31	13°51	12°41	27° 4	10° 8							
S 20	0 27 0	4°48'47	27° 5	18°38	2°14	29°28	25°45	24°57	5°10	4° 7	17°31	13°48	12°38	27°10	10°16							
M21	0 30 56	5°48'03	11 ¹¹ 14	20° 9	3°26	0 ¹² 2	25°58	24°55	5° 9	4° 8	17°30	13°45	12°35	27°17	10°25							
T 22	0 34 53	6°47'22	25°31	21°44	4°39	0°36	26°11	24°52	5° 8	4° 8	17°30	13°42	12°31	27°24	10°34							
W23	0 38 49	7°46'42	9 ² 50	23°21	5°52	1°11	26°24	24°50	5° 8	4° 8	17°30	13°39	12°28	27°31	10°42							
T 24	0 42 46	8°46'04	24° 9	25° 0	7° 5	1°45	26°37	24°47	5° 7	4° 8	17°29	13°38	12°25	27°37	10°51							
F 25	0 46 42	9°45'28	8 ³ 23	26°40	8°18	2°19	26°50	24°45	5° 6	4° 9	17°29	13°D37	12°22	27°44	11° 0							
S 26	0 50 39	10°44'54	22°30	28°22	9°31	2°53	27° 3	24°42	5° 6	4° 9	17°29	13°37	12°19	27°51	11° 9							
S 27	0 54 35	11°44'21	6 ² 29	0 ² 4	10°45	3°27	27°15	24°39	5° 5	4° 9	17°28	13°38	12°16	27°58	11°17							
M28	0 58 32	12°43'50	20°18	1°47	11°58	4° 0	27°28	24°36	5° 5	4° 9	17°28	13°40	12°12	28° 4	11°26							
T 29	1 2 29	13°43'21	3 ¹ 57	3°31	13°11	4°34	27°41	24°33	5° 5	4°R 9	17°28	13°41	12° 9	28°11	11°35							
W30	1 6 25	14°42'54	17 ¹ 25	5 ² 14	14 ¹⁷ 25	5 ¹² 7	27 ¹⁷ 54	24 ¹⁸ 30	5 ² 4	4 ²⁶ 9	17 ¹¹ 27	13°R42	12 ¹ 6	28 ¹¹ 18	11 ¹² 43							

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓			
	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	5n29	15s 8	1s46	4n53	2s39	18n 0	0n 3	23n 3	0n47	4n20	1n 6	16n58	2s15	19s35	0s40	22n28	0s59	15n13	7s45	6s22	6s27	28n28	4s30	1s37
W 2	5 6 9 0	0 31	5 30	2 21	17 44	0 7	22 59	0 48	4 15	1 6	16 58	2 16	19 36	0 40	22 28	0 59	15 13	7 45	6 22	6 29	28 28	4 33	1 37	
T 3	4 43	2 33	0n44	6 6	2 1	17 28	0 10	22 55	0 49	4 10	1 6	16 58	2 16	19 36	0 40	22 28	0 59	15 13	7 45	6 22	6 30	28 28	4 36	1 36
F 4	4 20	3n53	1 56	6 39	1 42	17 11	0 13	22 51	0 50	4 5	1 6	16 57	2 16	19 36	0 40	22 28	0 59	15 13	7 45	6 22	6 31	28 28	4 39	1 36
S 5	3 57	9 59	3 0	7 9	1 22	16 53	0 17	22 46	0 51	4 0	1 6	16 57	2 16	19 37	0 40	22 28	0 59	15 12	7 45	6 22	6 32	28 28	4 42	1 36
S 6	3 34	15 32	3 53	7 35	1 2	16 35	0 20	22 42	0 52	3 55	1 6	16 57	2 16	19 37	0 40	22 28	1 0	15 12	7 45	6 22	6 33	28 28	4 45	1 35
M 7	3 10	20 19	4 33	7 58	0 42	16 17	0 23	22 37	0 53	3 49	1 6	16 56	2 16	19 37	0 40	22 28	1 0	15 12	7 46	6 23	6 35	28 28	4 48	1 35
T 8	2 47	24 9	5 1	8 16	0 24	15 58	0 26	22 32	0 54	3 44	1 6	16 56	2 17	19 38	0 40	22 28	1 0	15 12	7 46	6 23	6 36	28 28	4 51	1 35
W 9	2 24	26 52	5 15	8 30	0 6	15 39	0 29	22 27	0 55	3 39	1 6	16 56	2 17	19 38	0 40	22 28	1 0	15 12	7 46	6 23	6 37	28 28	4 54	1 34
T 10	2 0 28	21 5	5 15	8 39	0n11	15 19	0 32	22 22	0 56	3 34	1 6	16 55	2 17	19 38	0 40	22 28	1 0	15 12	7 46	6 24	6 38	28 28	4 57	1 34
F 11	1 37	28 31	5 1	8 43	0 27	14 59	0 35	22 16	0 57	3 29	1 6	16 55	2 17	19 39	0 40	22 28	1 0	15 12	7 46	6 24	6 40	28 28	5 0	1 34
S 12	1 13	27 22	4 35	8 43	0 41	14 38	0 38	22 11	0 58	3 24	1 6	16 54	2 17	19 39	0 40	22 28	1 0	15 12	7 46	6 23	6 41	28 28	5 3	1 33
S 13	0 50	24 57	3 56	8 38	0 54	14 17	0 41	22 5	0 58	3 19	1 6	16 54	2 18	19 39	0 40	22 28	1 0	15 11	7 46	6 23	6 42	28 28	5 7	1 33
M14	0 26	21 22	3 6	8 28	1 6	13 56	0 44	22 0	0 59	3 14	1 7	16 53	2 18	19 39	0 40	22 28	1 0	15 11	7 46	6 23	6 43	28 28	5 10	1 33
T 15	0 3 16	47 2 7	8 15	1 17	13 34	0 47	21 54	1 0	3 8	1 7	16 53	2 18	19 40	0 40	22 28	1 0	15 11	7 47	6 22	6 44	28 28	5 13	1 33	
W16	0s21	11 22	1 0	7 57	1 26	13 11	0 49	21 48	1 1	3 3	1 7	16 52	2 18	19 40	0 40	22 28	1 0	15 11	7 47	6 22	6 46	28 28	5 16	1 32
T 17	0 44	5 20	0s12	7 36	1 34	12 49	0 52	21 42	1 2	2 58	1 7	16 51	2 18	19 40	0 40	22 28	1 0	15 11	7 47	6 22	6 47	28 28	5 19	1 32
F 18	1 8	1s 4	1 25	7 11	1 40	12 26	0 54	21 36	1 3	2 53	1 7	16 51	2 18	19 40	0 40	22 27	1 0	15 11	7 47	6 22	6 48	28 28	5 22	1 32
S 19	1 32	7 34	2 34	6 43	1 46	12 2	0 57	21 30	1 4	2 48	1 7	16 50	2 19	19 41	0 40	22 27	1 0	15 11	7 47	6 22	6 49	28 28	5 25	1 31
S 20	1 55	13 49	3 36	6 12	1 50	11 38	0 59	21 24	1 5	2 43	1 7	16 49	2 19	19 41	0 40	22 27	1 0	15 11	7 47	6 23	6 50	28 28	5 28	1 31
M21	2 19	19 27	4 25	5 39	1 53	11 14	1 2	21 17	1 6	2 38	1 7	16 49	2 19	19 41	0 40	22 27	1 0	15 10	7 47	6 25	6 52	28 28	5 32	1 31
T 22	2 42	24 1	4 58	5 3	1 55	10 50	1 4	21 11	1 7	2 33	1 7	16 48	2 19	19 41	0 40	22 27	1 0	15 10	7 47	6 26	6 53	28 28	5 35	1 30
W23	3 6	27 9	5 13	4 26	1 57	10 25	1 6	21 4	1 8	2 27	1 7	16 47	2 19	19 41	0 40	22 27	1 0	15 10	7 48	6 27	6 54	28 28	5 38	1 30
T 24	3 29	28 31	5 8	3 47	1 57	10 0	1 8	20 58	1 9	2 22	1 7	16 47	2 19	19 41	0 40	22 27	1 0	15 10	7 48	6 28	6 55	28 28	5 41	1 30
F 25	3 53	28 0	4 45	3 7	1 57	9 34	1 10	20 51	1 10	2 17	1 7	16 46	2 19	19 41	0 39	22 27	1 0	15 10	7 48	6 28	6 57	28 28	5 44	1 29
S 26	4 16	25 39	4 4	2 25	1 56	9 9	1 12	20 44	1 11	2 12	1 7	16 45	2 20	19 42	0 39	22 27	1 0	15 10	7 48	6 28	6 58	28 28	5 47	1 29
S 27	4 39	21 47	3 10	1 43	1 54	8 43	1 14	20 37	1 12	2 7	1 7	16 44	2 20	19 42	0 39	22 27	1 0	15 9	7 48	6 27	6 59	28 27	5 51	1 29
M28	5 3	16 44	2 5	0 59	1 51	8 16	1 16	20 30	1 13	2 2	1 7													

SWISS EPHEMERIS for the year 1411

OCTOBER 1411 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	1 10 22	15 ^h 42'28"	0 ^h 42'	6 ^h 58'	15 ^h 38'	5 ^h 04'	28 ^h 06'	24 ^h 27'	5 ^h 04'	4 ^h 09'	17 ^h 27'	13 ^h 40'	12 ^h 33'	28 ^h 24'	11 ^h 52'
F 2	1 14 18	16 ^h 42'05"	13 ^h 45'	8 ^h 41'	16 ^h 52'	6 ^h 13'	28 ^h 19'	24 ^h 24'	5 ^h 04'	4 ^h 09'	17 ^h 26'	13 ^h 38'	12 ^h 00'	28 ^h 31'	12 ^h 01'
S 3	1 18 15	17 ^h 41'44"	26 ^h 35'	10 ^h 24'	18 ^h 05'	6 ^h 46'	28 ^h 32'	24 ^h 20'	5 ^h 03'	4 ^h 09'	17 ^h 26'	13 ^h 33'	11 ^h 57'	28 ^h 38'	12 ^h 09'
S 4	1 22 11	18 ^h 41'24"	9 ^h 12'	12 ^h 07'	19 ^h 19'	7 ^h 19'	28 ^h 44'	24 ^h 17'	5 ^h 03'	4 ^h 08'	17 ^h 25'	13 ^h 27'	11 ^h 53'	28 ^h 45'	12 ^h 18'
M 5	1 26 8	19 ^h 41'07"	21 ^h 35'	13 ^h 50'	20 ^h 33'	7 ^h 52'	28 ^h 57'	24 ^h 13'	5 ^h 03'	4 ^h 08'	17 ^h 25'	13 ^h 21'	11 ^h 50'	28 ^h 51'	12 ^h 27'
T 6	1 30 4	20 ^h 40'52"	3 ^h 11'47"	15 ^h 32'	21 ^h 46'	8 ^h 24'	29 ^h 09'	24 ^h 10'	5 ^h 03'	4 ^h 08'	17 ^h 24'	13 ^h 14'	11 ^h 47'	28 ^h 58'	12 ^h 35'
W 7	1 34 1	21 ^h 40'39"	15 ^h 48'	17 ^h 14'	23 ^h 00'	8 ^h 57'	29 ^h 22'	24 ^h 06'	5 ^h 03'	4 ^h 08'	17 ^h 24'	13 ^h 08'	11 ^h 44'	29 ^h 05'	12 ^h 44'
T 8	1 37 58	22 ^h 40'29"	27 ^h 43'	18 ^h 56'	24 ^h 14'	9 ^h 29'	29 ^h 34'	24 ^h 02'	5 ^h 03'	4 ^h 08'	17 ^h 23'	13 ^h 03'	11 ^h 41'	29 ^h 11'	12 ^h 53'
F 9	1 41 54	23 ^h 40'20"	9 ^h 53'4"	20 ^h 37'	25 ^h 28'	10 ^h 01'	29 ^h 47'	23 ^h 58'	5 ^h 03'	4 ^h 07'	17 ^h 22'	13 ^h 00'	11 ^h 37'	29 ^h 18'	13 ^h 01'
S 10	1 45 51	24 ^h 40'14"	21 ^h 27'	22 ^h 17'	26 ^h 42'	10 ^h 33'	29 ^h 59'	23 ^h 54'	5 ^h 03'	4 ^h 07'	17 ^h 22'	12 ^h 59'	11 ^h 34'	29 ^h 25'	13 ^h 10'
S 11	1 49 47	25 ^h 40'10"	3 ^h 02'26"	23 ^h 57'	27 ^h 56'	11 ^h 05'	0 ^h 12'	23 ^h 50'	5 ^h 03'	4 ^h 06'	17 ^h 21'	12 ^h 59'	11 ^h 31'	29 ^h 32'	13 ^h 19'
M 12	1 53 44	26 ^h 40'08"	15 ^h 36'	25 ^h 36'	29 ^h 10'	11 ^h 37'	0 ^h 24'	23 ^h 46'	5 ^h 04'	4 ^h 06'	17 ^h 20'	13 ^h 00'	11 ^h 28'	29 ^h 38'	13 ^h 27'
T 13	1 57 40	27 ^h 40'09"	28 ^h 02'	27 ^h 15'	0 ^h 24'	12 ^h 08'	0 ^h 36'	23 ^h 42'	5 ^h 04'	4 ^h 06'	17 ^h 20'	13 ^h 02'	11 ^h 25'	29 ^h 45'	13 ^h 36'
W 14	2 1 37	28 ^h 40'11"	10 ^h 10'50"	28 ^h 54'	1 ^h 39'	12 ^h 40'	0 ^h 48'	23 ^h 38'	5 ^h 04'	4 ^h 05'	17 ^h 19'	13 ^h 03'	11 ^h 22'	29 ^h 52'	13 ^h 44'
T 15	2 5 33	29 ^h 40'16"	24 ^h 01'	0 ^h 11'32"	2 ^h 53'	13 ^h 11'	1 ^h 01'	23 ^h 34'	5 ^h 05'	4 ^h 05'	17 ^h 18'	13 ^h 02'	11 ^h 18'	29 ^h 58'	13 ^h 53'
F 16	2 9 30	0 ^h 11'40'23"	7 ^h 53'7"	2 ^h 09'	4 ^h 07'	13 ^h 42'	1 ^h 13'	23 ^h 30'	5 ^h 05'	4 ^h 04'	17 ^h 17'	13 ^h 00'	11 ^h 15'	0 ^h 55'	14 ^h 01'
S 17	2 13 27	1 ^h 40'31"	21 ^h 38'	3 ^h 46'	5 ^h 22'	14 ^h 13'	1 ^h 25'	23 ^h 25'	5 ^h 06'	4 ^h 04'	17 ^h 17'	12 ^h 55'	11 ^h 12'	0 ^h 12'	14 ^h 10'
S 18	2 17 23	2 ^h 40'42"	6 ^h 11'00"	5 ^h 23'	6 ^h 36'	14 ^h 43'	1 ^h 37'	23 ^h 21'	5 ^h 06'	4 ^h 03'	17 ^h 16'	12 ^h 48'	11 ^h 09'	0 ^h 19'	14 ^h 18'
M 19	2 21 20	3 ^h 40'54"	20 ^h 38'	6 ^h 59'	7 ^h 51'	15 ^h 14'	1 ^h 49'	23 ^h 16'	5 ^h 07'	4 ^h 02'	17 ^h 15'	12 ^h 40'	11 ^h 06'	0 ^h 25'	14 ^h 27'
T 20	2 25 16	4 ^h 41'09"	5 ^h 42'33"	8 ^h 35'	9 ^h 05'	15 ^h 44'	2 ^h 01'	23 ^h 12'	5 ^h 07'	4 ^h 02'	17 ^h 14'	12 ^h 31'	11 ^h 03'	0 ^h 32'	14 ^h 35'
W 21	2 29 13	5 ^h 41'25"	20 ^h 09'	10 ^h 10'	10 ^h 20'	16 ^h 14'	2 ^h 13'	23 ^h 07'	5 ^h 08'	4 ^h 01'	17 ^h 13'	12 ^h 24'	10 ^h 59'	0 ^h 39'	14 ^h 43'
T 22	2 33 9	6 ^h 41'42"	4 ^h 53'47"	11 ^h 45'	11 ^h 34'	16 ^h 44'	2 ^h 24'	23 ^h 03'	5 ^h 09'	4 ^h 00'	17 ^h 13'	12 ^h 18'	10 ^h 56'	0 ^h 45'	14 ^h 52'
F 23	2 37 6	7 ^h 42'01"	19 ^h 12'	13 ^h 19'	12 ^h 49'	17 ^h 14'	2 ^h 36'	22 ^h 58'	5 ^h 10'	3 ^h 59'	17 ^h 12'	12 ^h 14'	10 ^h 53'	0 ^h 52'	15 ^h 00'
S 24	2 41 2	8 ^h 42'22"	3 ^h 32'21"	14 ^h 54'	14 ^h 03'	17 ^h 43'	2 ^h 48'	22 ^h 53'	5 ^h 10'	3 ^h 59'	17 ^h 11'	12 ^h 09'	10 ^h 50'	0 ^h 59'	15 ^h 08'
S 25	2 44 59	9 ^h 42'44"	17 ^h 12'	16 ^h 28'	15 ^h 18'	18 ^h 13'	2 ^h 59'	22 ^h 49'	5 ^h 11'	3 ^h 58'	17 ^h 10'	12 ^h 03'	10 ^h 47'	1 ^h 06'	15 ^h 17'
M 26	2 48 56	10 ^h 43'07"	0 ^h 11'47"	18 ^h 01'	16 ^h 33'	18 ^h 42'	3 ^h 11'	22 ^h 44'	5 ^h 12'	3 ^h 57'	17 ^h 09'	12 ^h 03'	10 ^h 43'	1 ^h 12'	15 ^h 25'
T 27	2 52 52	11 ^h 43'31"	14 ^h 07'	19 ^h 34'	17 ^h 47'	19 ^h 11'	3 ^h 23'	22 ^h 39'	5 ^h 13'	3 ^h 56'	17 ^h 08'	12 ^h 01'	10 ^h 40'	1 ^h 19'	15 ^h 33'
W 28	2 56 49	12 ^h 43'57"	27 ^h 12'	21 ^h 07'	19 ^h 02'	19 ^h 39'	3 ^h 34'	22 ^h 34'	5 ^h 14'	3 ^h 55'	17 ^h 07'	12 ^h 03'	10 ^h 37'	1 ^h 26'	15 ^h 41'
T 29	3 0 45	13 ^h 44'24"	10 ^h 10'6"	22 ^h 40'	20 ^h 17'	20 ^h 08'	3 ^h 45'	22 ^h 30'	5 ^h 15'	3 ^h 54'	17 ^h 06'	12 ^h 09'	10 ^h 34'	1 ^h 32'	15 ^h 49'
F 30	3 4 42	14 ^h 44'53"	22 ^h 49'	24 ^h 12'	21 ^h 32'	20 ^h 36'	3 ^h 57'	22 ^h 25'	5 ^h 17'	3 ^h 53'	17 ^h 05'	12 ^h 03'	10 ^h 31'	1 ^h 39'	15 ^h 57'
S 31	3 8 38	15 ^h 45'23"	5 ^h 52'22"	25 ^h 11'45"	22 ^h 47'	21 ^h 04'	4 ^h 08'	22 ^h 20'	5 ^h 18'	3 ^h 52'	17 ^h 04'	11 ^h 54'	10 ^h 28'	1 ^h 46'	16 ^h 05'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	6s12	1n41	1n32	1s13	1n41	6n56	1n21	20n 9	1n17	1n47	1n 7	16n41	2s20	19s42	0s39	22n27	1s 0	15n 9	7s48	6s26	7s 4	28n27	6s 3	1s28
F 2	6 35	7 51	2 37	1 58	1 37	6 29	1 23	20 2	1 18	1 42	1 7	16 40	2 20	19 42	0 39	22 27	1 0	15 9	7 49	6 28	7 5	28 27	6 6	1 28
S 3	6 58	13 35	3 32	2 43	1 32	6 1	1 24	19 55	1 19	1 37	1 8	16 39	2 20	19 42	0 39	22 27	1 0	15 9	7 49	6 29	7 6	28 26	6 10	1 27
S 4	7 21	18 39	4 17	3 28	1 27	5 34	1 26	19 47	1 20	1 32	1 8	16 38	2 20	19 42	0 39	22 27	1 0	15 8	7 49	6 32	7 8	28 26	6 13	1 27
M 5	7 43	22 51	4 48	4 13	1 22	5 6	1 27	19 40	1 21	1 27	1 8	16 37	2 21	19 42	0 39	22 27	1 0	15 8	7 49	6 34	7 9	28 26	6 16	1 27
T 6	8 6	25 58	5 6	4 57	1 17	4 38	1 29	19 32	1 22	1 22	1 8	16 36	2 21	19 42	0 39	22 27	1 0	15 8	7 49	6 37	7 10	28 26	6 19	1 26
W 7	8 29	27 53	5 9	5 42	1 11	4 10	1 30	19 25	1 23	1 17	1 8	16 35	2 21	19 42	0 39	22 27	1 0	15 8	7 49	6 39	7 11	28 26	6 22	1 26
T 8	8 51	28 30	5 0	6 26	1 5	3 41	1 31	19 17	1 24	1 13	1 8	16 34	2 21	19 42	0 39	22 27	1 0	15 8	7 49	6 41	7 12	28 25	6 25	1 26
F 9	9 13	27 47	4 37	7 10	0 59	3 13	1 32	19 10	1 25	1 8	1 8	16 33	2 21	19 42	0 39	22 27	1 0	15 8	7 49	6 42	7 14	28 25	6 28	1 26
S 10	9 35	25 48	4 3	7 53	0 53	2 44	1 33	19 2	1 26	1 3	1 8	16 32	2 21	19 42	0 39	22 27	1 0	15 8	7 49	6 42	7 15	28 25	6 31	1 25
S 11	9 57	22 39	3 18	8 36	0 46	2 15	1 34	18 54	1 27	0 58	1 8	16 31	2 21	19 42	0 39	22 27	1 0	15 7	7 49	6 42	7 16	28 25	6 35	1 25
M 12	10 19	18 29	2 23	9 19	0 40	1 47	1 35	18 47	1 29	0 53	1 8	16 30	2 21	19 42	0 39	22 27	1 0	15 7	7 50	6 42	7 17	28 24	6 38	1 25
T 13	10 41	13 27	1 20	10 1	0 33	1 18	1 35	18 39	1 30	0 48	1 8	16 29	2 21	19 42	0 39	22 27	1 0	15 7	7 50	6 41	7 18	28 24	6 41	1 25
W 14	11 2	7 43	0 12	10 42	0 27	0 49	1 36	18 31	1 31	0 43	1 8	16 28	2 21	19 42	0 39	22 27	1 0	15 7	7 50	6 41	7 20	28 24	6 44	1 24
T 15	11 24	1 29	0s59	11 23	0 20	0 19	1 36	18 23	1 32	0 39	1 9	16 27	2 21	19 41	0 39	22 27	1 0	15 7	7 50	6 41	7 21	28 24	6 47	1 24
F 16	11 45	5s 0	2 8	12 3	0 14	0s10	1 37	18 15	1 33	0 34	1 9	16 26	2 21	19 41	0 39	22 27	1 0	15 7	7 50	6 42	7 22	28 23	6 50	1 24
S 17	12 6	11 26	3 12	12 42	0 7	0 39	1 37	18 7	1 34	0 29	1 9	16 24	2 21	19 41	0 39	22 27	1 0	15 6	7 50	6 44	7 23	28 23	6 53	1 24
S 18	12 27	17 25	4 6	13 21	0 0	1 8	1 38	18 0	1 35	0 25	1 9	16 23	2 22	19 41										

SWISS EPHEMERIS for the year 1411

NOVEMBER 1411 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	3 12 35	16♌45'55	17♋44	27♍16	24♌ 2	21♌32	4♌19	22♌R15	5♌19	3♌R51	17♌R 3	11♌R43	10♌X24	1♌53	16♌13	
M 2	3 16 31	17°46'28	29°58	28°48	25°16	21°59	4°30	22♌10	5°20	3♌50	17♌II 2	11♌X30	10°21	1°59	16°21	
T 3	3 20 28	18°47'03	12♌II 3	0♌X20	26°31	22°27	4°41	22° 5	5°22	3°49	17° 1	11°17	10°18	2° 6	16°29	
W 4	3 24 25	19°47'40	24° 1	1°51	27°46	22°54	4°52	22° 0	5°23	3°48	17° 0	11° 5	10°15	2°13	16°37	
T 5	3 28 21	20°48'18	5♌54	3°22	29° 1	23°21	5° 3	21°55	5°24	3°47	16°59	10°54	10°12	2°19	16°45	
F 6	3 32 18	21°48'58	17°43	4°52	0♌16	23°48	5°14	21°50	5°26	3°46	16°58	10°47	10° 9	2°26	16°52	
S 7	3 36 14	22°49'40	29°34	6°23	1°31	24°14	5°24	21°45	5°28	3°45	16°57	10°41	10° 5	2°33	17° 0	
S 8	3 40 11	23°50'23	11♌30	7°53	2°47	24°40	5°35	21°40	5°29	3°43	16°56	10°39	10° 2	2°40	17° 8	
M 9	3 44 7	24°51'07	23°36	9°22	4° 2	25° 6	5°46	21°36	5°31	3°42	16°55	10°D38	9°59	2°46	17°15	
T 10	3 48 4	25°51'53	5♌58	10°52	5°17	25°32	5°56	21°31	5°32	3°41	16°54	10°R38	9°56	2°53	17°23	
W 11	3 52 0	26°52'41	18°41	12°21	6°32	25°57	6° 6	21°26	5°34	3°40	16°53	10°38	9°53	3° 0	17°30	
T 12	3 55 57	27°53'30	1♌49	13°49	7°47	26°22	6°17	21°21	5°36	3°38	16°52	10°36	9°49	3° 6	17°38	
F 13	3 59 54	28°54'21	15°26	15°17	9° 2	26°47	6°27	21°16	5°38	3°37	16°51	10°32	9°46	3°13	17°45	
S 14	4 3 50	29°55'13	29°33	16°45	10°17	27°11	6°37	21°11	5°40	3°36	16°50	10°26	9°43	3°20	17°53	
S 15	4 7 47	0♌56'07	14♌ 7	18°12	11°33	27°35	6°47	21° 6	5°41	3°34	16°48	10°16	9°40	3°27	18° 0	
M 16	4 11 43	1°57'02	29° 3	19°38	12°48	27°59	6°57	21° 1	5°43	3°33	16°47	10° 5	9°37	3°33	18° 7	
T 17	4 15 40	2°57'58	14♌X11	21° 3	14° 3	28°23	7° 6	20°57	5°45	3°32	16°46	9°53	9°34	3°40	18°14	
W 18	4 19 36	3°58'55	29°21	22°27	15°18	28°46	7°16	20°52	5°47	3°30	16°45	9°42	9°30	3°47	18°21	
T 19	4 23 33	4°59'53	14♌X23	23°50	16°34	29° 9	7°26	20°47	5°49	3°29	16°44	9°33	9°27	3°53	18°28	
F 20	4 27 29	6° 0'51	29° 8	25°11	17°49	29°31	7°35	20°43	5°52	3°27	16°43	9°27	9°24	4° 0	18°35	
S 21	4 31 26	7° 1'51	13♌X30	26°31	19° 4	29°53	7°45	20°38	5°54	3°26	16°42	9°23	9°21	4° 7	18°42	
S 22	4 35 23	8° 2'51	27°28	27°49	20°20	0♌15	7°54	20°33	5°56	3°24	16°40	9°22	9°18	4°14	18°49	
M 23	4 39 19	9° 3'51	11♌X 2	29° 5	21°35	0°37	8° 3	20°29	5°58	3°23	16°39	9°22	9°15	4°20	18°56	
T 24	4 43 16	10° 4'52	24°15	0♌18	22°50	0°58	8°12	20°24	6° 0	3°21	16°38	9°21	9°11	4°27	19° 2	
W 25	4 47 12	11° 5'54	7♌ 9	1°29	24° 6	1°19	8°21	20°20	6° 3	3°20	16°37	9°19	9° 8	4°34	19° 9	
T 26	4 51 9	12° 6'56	19°48	2°36	25°21	1°39	8°30	20°15	6° 5	3°18	16°36	9°15	9° 5	4°40	19°16	
F 27	4 55 5	13° 7'59	2♌15	3°39	26°36	1°59	8°38	20°11	6° 8	3°17	16°35	9° 8	9° 2	4°47	19°22	
S 28	4 59 2	14° 9'02	14°33	4°37	27°52	2°19	8°47	20° 7	6°10	3°15	16°33	8°57	8°59	4°54	19°28	
S 29	5 2 58	15°10'06	26°42	5°30	29° 7	2°38	8°55	20° 3	6°12	3°13	16°32	8°44	8°55	5° 1	19°35	
M 30	5 6 55	16♌11'10	8♌II46	6♌17	0♌X22	2♌57	9♌ 4	19♌58	6♌15	3♌52	16♌II31	8♌X30	8♌X52	5♌5 7	19♌41	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	16s54	21n35	4n36	21s 2	1s28	7s53	1n35	16n 9	1n53	0s39	1n11	16n 7	2s22	19s37	0s38	22n27
M 2	17 11 25	1 4 56	21 28	1 33	8 21	1 34	16 2	1 54	0 43	1 11	16 5	2 22	19 37	0 38	22 27	1 1 15
T 3	17 28 27	17 5 1	21 53	1 38	8 49	1 33	15 54	1 56	0 47	1 11	16 4	2 21	19 37	0 38	22 27	1 1 15
W 4	17 45 28	17 4 54	22 17	1 43	9 17	1 32	15 46	1 57	0 51	1 11	16 3	2 21	19 36	0 38	22 27	1 1 15
T 5	18 1 27	17 4 34	22 40	1 48	9 45	1 31	15 38	1 58	0 55	1 11	16 2	2 21	19 36	0 38	22 27	1 1 15
F 6	18 17 26	20 4 2	23 1	1 52	10 12	1 30	15 31	2 0	1 0	1 11	16 1	2 21	19 36	0 38	22 27	1 1 15
S 7	18 32 23	33 3 19	23 22	1 57	10 39	1 29	15 23	2 1	1 4	1 11	15 59	2 21	19 35	0 38	22 27	1 1 15
S 8	18 48 19	45 2 28	23 41	2 1	11 6	1 28	15 16	2 2	1 8	1 12	15 58	2 21	19 35	0 38	22 27	1 1 15
M 9	19 3 15	6 1 29	23 59	2 5	11 33	1 27	15 8	2 4	1 12	1 12	15 57	2 21	19 34	0 38	22 27	1 1 15
T 10	19 17 9	44 0 25	24 16	2 8	11 59	1 25	15 1	2 5	1 16	1 12	15 56	2 21	19 34	0 38	22 27	1 1 15
W 11	19 31 3 50	042 24 31	2 11	12 25	1 24	14 54	2 7	1 20	1 12	15 55	2 21	19 33	0 38	22 27	1 1 15	
T 12	19 45 2s24	1 50 24 45	2 14	12 51	1 23	14 47	2 8	1 24	1 12	15 53	2 21	19 33	0 38	22 27	1 1 15	
F 13	19 59 8 45	2 53 24 58	2 17	13 16	1 21	14 39	2 10	1 28	1 12	15 52	2 21	19 33	0 38	22 27	1 1 15	
S 14	20 12 14 54	3 48 25 9	2 19	13 42	1 20	14 32	2 11	1 31	1 13	15 51	2 21	19 32	0 38	22 27	1 1 15	
S 15	20 25 20 25	4 30 25 19	2 20	14 6	1 18	14 25	2 13	1 35	1 13	15 50	2 21	19 32	0 38	22 27	1 1 15	
M 16	20 37 24 48	4 55 25 28	2 22	14 31	1 17	14 19	2 14	1 39	1 13	15 49	2 20	19 31	0 38	22 27	1 1 15	
T 17	20 49 27 32	4 59 25 35	2 23	14 55	1 15	14 12	2 16	1 43	1 13	15 48	2 20	19 31	0 38	22 27	1 1 15	
W 18	21 1 28 14	4 43 25 41	2 23	15 19	1 13	14 5	2 17	1 46	1 13	15 47	2 20	19 30	0 38	22 27	1 1 15	
T 19	21 12 26 50	4 7 25 45	2 23	15 42	1 11	13 58	2 19	1 50	1 13	15 45	2 20	19 29	0 38	22 27	1 1 15	
F 20	21 23 23 35	3 15 25 47	2 22	16 5	1 10	13 52	2 20	1 54	1 14	15 44	2 20	19 29	0 38	22 27	1 1 15	
S 21	21 33 18 56	2 12 25 48	2 20	16 28	1 8	13 46	2 22	1 57	1 14	15 43	2 20	19 28	0 38	22 27	1 1 15	
S 22	21 43 13 22	1 2 25 48	2 18	16 50	1 6	13 39	2 23	2 1	1 14	15 42	2 20	19 28	0 38	22 27	1 1 15	
M 23	21 53 7 19	0n 9 25 46	2 15	17 11	1 4	13 33	2 25	2 4	1 14	15 41	2 19	19 27	0 38	22 27	1 1 15	
T 24	22 2 1 6	1 18 25 43	2 12	17 33	1 2	13 27	2 27	2 7	1 14	15 40	2 19	19 27	0 38	22 28	1 1 15	
W 25	22 11 5n 0	2 21 25 38	2 7	17 53	1 0	13 21	2 28	2 11	1 15	15 39	2 19	19 26	0 38	22 28	1 1 15	
T 26	22 19 10 47	3 16 25 31	2 2 18 14	0 58	13 15	2 20	2 11	1 15	15 38	2 19	19 25	0 38	22 28	1 1 15		
F 27	22 27 16 3	4 0 25 23	1 55	18 33	0 56	13 10	2 32	2 17	1 15	15 37	2 19	19 25	0 38	22 28	1 1 15	
S 28	22 34 20 36	4 33 25 14	1 48	18 53	0 54	13 4	2 33	2 21	1 15	15 36	2 19	19 24	0 38	22 28	1 1 15	
S 29	22 41 24 14	4 53 25 3	1 39	19 11	0 51	12 59	2 35	2 24	1 15	15 35	2 18	19 24	0 38	22 28	1 1 15	
M 30	22s48	26n46	4n59	24s52	1s30	19s30	0n49	12n54	2n37	2s27	1n16	15n34	2s18	19s23	0s38	22n28

Julian Day Number = 2236729.5, Delta T = 05m00s

Ecliptic obliquity = 23°31'05, Nutation = 0°00'04

Ayanamsha: Fagan/Bradley = 16°32'08, Lahiri = 15°39'08 Julian Calendar 1 Nov. 1411 == Greg. Calendar 10 Nov. 1411

SWISS EPHEMERIS for the year 1411

DECEMBER 1411 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	5 10 52	17°12'15	20°11'44	6°58	1°38	3°15	9°12	19°54	6°17	3°10	16°30	8°15	8°49	5°14	19°47
W 2	5 14 48	18°13'21	2°28	7°30	2°53	3°33	9°20	19°50	6°20	3°09	16°29	8°11	8°46	5°21	19°53
T 3	5 18 45	19°14'27	14°29	7°55	4°08	3°50	9°28	19°46	6°23	3°07	16°28	7°49	8°43	5°27	19°59
F 4	5 22 41	20°15'34	26°19	8°09	5°24	4°07	9°36	19°42	6°25	3°05	16°26	7°39	8°40	5°34	20°05
S 5	5 26 38	21°16'42	8°10	8°R14	6°39	4°24	9°43	19°39	6°28	3°04	16°25	7°32	8°36	5°41	20°11
S 6	5 30 34	22°17'50	20°06	8°07	7°55	4°40	9°51	19°35	6°31	3°02	16°24	7°29	8°33	5°47	20°17
M 7	5 34 31	23°18'58	2°11	7°49	9°10	4°56	9°58	19°31	6°33	3°00	16°23	7°D27	8°30	5°54	20°22
T 8	5 38 28	24°20'08	14°30	7°20	10°25	5°11	10°06	19°28	6°36	2°59	16°22	7°28	8°27	6°01	20°28
W 9	5 42 24	25°21'17	27°07	6°38	11°41	5°26	10°13	19°24	6°39	2°57	16°21	7°R28	8°24	6°08	20°34
T 10	5 46 21	26°22'28	10°08	5°46	12°56	5°40	10°20	19°21	6°42	2°55	16°19	7°27	8°21	6°14	20°39
F 11	5 50 17	27°23'39	23°37	4°43	14°12	5°53	10°27	19°17	6°45	2°54	16°18	7°24	8°17	6°21	20°44
S 12	5 54 14	28°24'50	7°36	3°32	15°27	6°06	10°33	19°14	6°48	2°52	16°17	7°19	8°14	6°28	20°49
S 13	5 58 10	29°26'02	22°05	2°15	16°43	6°19	10°40	19°11	6°51	2°50	16°16	7°11	8°11	6°34	20°55
M14	6 2 7	0°27'14	6°59	0°55	17°58	6°31	10°46	19°08	6°53	2°49	16°15	7°01	8°08	6°41	21°00
T 15	6 6 3	1°28'27	22°12	29°33	19°13	6°42	10°53	19°05	6°56	2°47	16°14	6°51	8°05	6°48	21°05
W16	6 10 0	2°29'40	7°33	28°13	20°29	6°53	10°59	19°02	6°59	2°45	16°12	6°41	8°01	6°55	21°09
T 17	6 13 57	3°30'53	22°50	26°57	21°44	7°04	11°05	18°59	7°03	2°43	16°11	6°33	7°58	7°01	21°14
F 18	6 17 53	4°32'05	7°52	25°47	23°00	7°13	11°11	18°56	7°06	2°42	16°10	6°27	7°55	7°08	21°19
S 19	6 21 50	5°33'17	22°32	24°46	24°15	7°22	11°16	18°54	7°09	2°40	16°09	6°24	7°52	7°15	21°23
S 20	6 25 46	6°34'29	6°44	23°53	25°31	7°31	11°22	18°51	7°12	2°38	16°08	6°D23	7°49	7°21	21°28
M21	6 29 43	7°35'40	20°29	23°11	26°46	7°38	11°27	18°49	7°15	2°37	16°07	6°23	7°46	7°28	21°32
T 22	6 33 39	8°36'51	3°46	22°38	28°02	7°45	11°32	18°47	7°18	2°35	16°06	6°R24	7°42	7°35	21°36
W23	6 37 36	9°38'01	16°41	22°15	29°17	7°52	11°37	18°44	7°21	2°33	16°05	6°24	7°39	7°41	21°41
T 24	6 41 32	10°39'11	29°16	22°02	0°32	7°58	11°42	18°42	7°24	2°32	16°04	6°22	7°36	7°48	21°45
F 25	6 45 29	11°40'20	11°37	21°D59	1°48	8°03	11°47	18°40	7°28	2°30	16°03	6°18	7°33	7°55	21°49
S 26	6 49 26	12°41'29	23°45	22°04	3°03	8°07	11°51	18°38	7°31	2°28	16°02	6°11	7°30	8°02	21°52
S 27	6 53 22	13°42'37	5°46	22°17	4°19	8°11	11°56	18°37	7°34	2°27	16°01	6°02	7°27	8°08	21°56
M28	6 57 19	14°43'45	17°42	22°37	5°34	8°14	12°00	18°35	7°37	2°25	16°00	5°52	7°23	8°15	22°00
T 29	7 1 15	15°44'52	29°35	23°04	6°49	8°17	12°04	18°33	7°41	2°23	15°59	5°42	7°20	8°22	22°03
W30	7 5 12	16°45'58	11°26	23°37	8°05	8°18	12°08	18°32	7°44	2°22	15°58	5°32	7°17	8°28	22°07
T 31	7 9 8	17°47'04	23°18	24°15	9°20	8°19	12°11	18°31	7°47	2°20	15°57	5°23	7°14	8°35	22°10

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22s54	28n 3	4n52	24s39	1s19	19s47	0n47	12n48	2n38	2s30	1n16	15n33	2s18	19s22	0s38	22n28
W 2	23 0 28	2 4 33	24 25	1 7 20	4 0 45	12 43	2 40	2 33	1 16	15 33	2 18	19 22	0 38	22 28	1 1 15	1 7 51
T 3	23 5 26	43 4	1 24 10	0 53 20	21 0 43	12 39	2 42	2 36	1 16	15 32	2 18	19 21	0 38	22 28	1 1 15	1 7 51
F 4	23 10 24	13 3	1 19 23	54 0 39	20 37	0 40	12 34	2 44	2 39	1 16	15 31	2 17	19 20	0 38	22 28	1 1 15
S 5	23 14 20	40 2	2 28 23	38 0 23	20 52	0 38	12 30	2 45	2 41	1 17	15 30	2 17	19 20	0 38	22 28	1 1 15
S 6	23 18 16	16 1	3 31 23	21 0 5 21	7 0 36	12 25	2 47	2 44	1 17	15 29	2 17	19 19	0 38	22 28	1 1 15	1 7 51
M 7	23 21 11	10 0	4 0 28	23 4 0n13	21 21	0 33	12 21	2 49	2 47	1 17	15 28	2 17	19 18	0 38	22 28	1 1 15
T 8	23 24 5 33	0s37	22 47	0 32 21	35 0 31	12 17	2 51	2 50	1 17	15 28	2 17	19 17	0 38	22 28	1 1 15	1 7 51
W 9	23 26 0s25	1 42	22 30	0 52 21	47 0 28	12 14	2 53	2 52	1 17	15 27	2 16	19 17	0 38	22 28	1 1 15	1 7 50
T 10	23 28 6 33	2 44	22 12	1 11 22	0 0	26 12 10	2 55	2 55	1 18	15 26	2 16	19 16	0 38	22 28	1 1 15	1 7 50
F 11	23 30 12 35	3 39	21 55	1 31 22	11 0 24	12 7 2 57	2 57	2 57	1 18	15 26	2 16	19 15	0 38	22 28	1 1 15	1 7 50
S 12	23 31 18 14	4 23	21 38	1 50 22	22 0 21	12 4 2 58	3 0	3 0	1 18	15 25	2 16	19 14	0 38	22 28	1 1 15	1 7 50
S 13	23 31 23 3	4 52	21 22	2 8 22	33 0 19	12 1 3 0	3 2	3 2	1 18	15 24	2 15	19 14	0 38	22 28	1 1 15	1 7 50
M14	23 31 26 31	5 3 21	6 2 24	22 42	0 16	11 58	3 2	3 4	1 19	15 24	2 15	19 13	0 38	22 28	1 1 15	1 7 50
T 15	23 31 28 9	4 52	20 52	2 39 22	51 0 14	11 56	3 4	3 7	1 19	15 23	2 15	19 12	0 37	22 28	1 1 15	1 7 50
W16	23 30 27 38	4 20	20 39	2 51 22	59 0 11	11 53	3 6	3 9	1 19	15 23	2 15	19 11	0 37	22 28	1 1 15	1 7 50
T 17	23 28 25 2	3 30	20 28	3 1 23	7 0 9	11 51	3 8	3 11	1 19	15 22	2 14	19 11	0 37	22 28	1 1 15	1 7 50
F 18	23 26 20 42	2 26	20 19	3 8 23	14 0 6	11 50	3 10	3 13	1 20	15 22	2 14	19 10	0 37	22 28	1 1 15	1 7 50
S 19	23 24 15 12	1 13	20 12	3 13 23	20 0 4	11 48	3 12	3 15	1 20	15 21	2 14	19 9	0 37	22 29	1 1 15	1 7 50
S 20	23 21 9 2	0n 2	20 8	3 15 23	25 0 1	11 47	3 14	3 17	1 20	15 21	2 14	19 8	0 37	22 29	1 1 15	1 7 49
M21	23 18 2 39	1 15	20 5	3 15 23	30 0s 1	11 46	3 16	3 19	1 20	15 20	2 13	19 7	0 37	22 29	1 1 15	1 7 49
T 22	23 14 3n40	2 21	20 5	3 14 23	34 0 3	11 45	3 18	3 21	1 21	15 20	2 13	19 7	0 37	22 29	1 1 15	1 7 49
W23	23 10 9 38	3 18	20 7	3 11 23	37 0 6	11 44	3 20	3 22	1 21	15 20	2 13	19 6	0 37	22 29	1 1 15	1 7 49
T 24	23 5 15 3	4 4	20 11	3 6 23	39 0 8	11 44	3 22	3 24	1 21	15 19	2 13	19 5	0 37	22 29	1 1 15	1 7 49
F 25	23 0 19 46	4 38	20 16	3 0 23	41 0 11	11 44	3 24	3 26	1 21	15 19	2 12	19 4	0 37	22 29	1 1 15	1 7 49
S 26	22 55 23 35	4 58	20 24	2 54 23	42 0 13	11 44	3 26	3 27	1 22	15 19	2 12	19 3	0 37	22 29	1 1 15	1 7 49
S 27	22 49 26 21	5 5	20 32	2 46 23	42 0 16	11 45	3 28	3 29	1 22	15 18	2 12	19 2	0 37	22 29	1 1 15	1 7 49
M28	22 42 27 55	4 59	20 41	2 38 23	42 0 18	11 45	3 30	3 30	1 22	15 18	2 12	19 2	0 37	22 29	1 1 15	1 7 48
T 29	22 35 28 11	4 40	20 51	2 29 23	41 0 20	11 46	3 32	3 31	1 22	15 18	2 11	19 1	0 37	22 29	1 1 15	1 7 48
W30	22 28 27 9	4 8	21 2	2 20 23	39 0 23	11 48	3 34	3 32	1 23	15 18	2 11	19 0	0 37	22 29	1 1 15	1 7 48
T 31	22s20	24n53	3n26	21s13	2n11	23s36	0s25	11n49	3n36	3s34	1n23	15n18	2s11	18s59	0s37	22n29

Julian Day Number = 2236759.5, Delta T = 05m00s
 Ecliptic obliquity = 23°31'04, Nutation = 0°00'05
 Ayanamsha: Fagan/Bradley = 16°32'12, Lahiri = 15°39'12 Julian Calendar 1 Dec. 1411 == Greg. Calendar 10 Dec. 1411