

SWISS EPHEMERIS for the year 1409

JANUARY 1409 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	7 15 56	19°32'07	4°39	0°45	0°46	5°36	3°R 1	8°Y 8	26°24	25°R23	12°R47	6°R 1	5°R 9	6°H42	29°R22
W 2	7 19 52	20°33'12	19°16	2°27	1°21	6°21	2°54	8°11	26°28	25°R22	12°R46	5°R 50	5° 6	6°49	29°R19
T 3	7 23 49	21°34'15	4°9	4° 7	2°36	7° 7	2°47	8°15	26°31	25°20	12°46	5°39	5° 3	6°56	29°16
F 4	7 27 46	22°35'18	19° 7	5°48	3°52	7°53	2°39	8°18	26°35	25°19	12°45	5°28	5° 0	7° 2	29°13
S 5	7 31 42	23°36'20	4°3	7°27	5° 7	8°39	2°32	8°22	26°38	25°17	12°44	5°18	4°57	7° 9	29°10
S 6	7 35 39	24°37'22	18°46	9° 6	6°22	9°25	2°25	8°25	26°42	25°16	12°43	5°12	4°54	7°16	29° 6
M 7	7 39 35	25°38'23	3°13	10°43	7°37	10°11	2°18	8°29	26°45	25°15	12°42	5° 8	4°50	7°22	29° 3
T 8	7 43 32	26°39'24	17°19	12°18	8°52	10°57	2°11	8°33	26°49	25°13	12°41	5° 6	4°47	7°29	29° 0
W 9	7 47 28	27°40'24	1°18	13°52	10° 8	11°43	2° 5	8°37	26°52	25°12	12°41	5° 6	4°44	7°36	28°56
T 10	7 51 25	28°41'23	14°32	15°23	11°23	12°29	1°58	8°41	26°56	25°10	12°40	5° 6	4°41	7°42	28°52
F 11	7 55 21	29°42'22	27°42	16°51	12°38	13°15	1°52	8°45	27° 0	25° 9	12°39	5° 5	4°38	7°49	28°49
S 12	7 59 18	0°43'20	10°37	18°16	13°53	14° 1	1°46	8°50	27° 3	25° 8	12°38	5° 1	4°35	7°56	28°45
S 13	8 3 15	1°44'17	23°21	19°37	15° 8	14°47	1°39	8°54	27° 7	25° 6	12°38	4°54	4°31	8° 3	28°41
M14	8 7 11	2°45'14	5°53	20°52	16°23	15°33	1°33	8°58	27°10	25° 5	12°37	4°44	4°28	8° 9	28°37
T 15	8 11 8	3°46'09	18°17	22° 2	17°38	16°20	1°28	9° 3	27°14	25° 4	12°36	4°31	4°25	8°16	28°33
W16	8 15 4	4°47'04	0°32	23° 6	18°54	17° 6	1°22	9° 8	27°17	25° 3	12°36	4°16	4°22	8°23	28°29
T 17	8 19 1	5°47'57	12°38	24° 2	20° 9	17°52	1°16	9°12	27°21	25° 2	12°35	4° 1	4°19	8°29	28°25
F 18	8 22 57	6°48'49	24°38	24°51	21°24	18°39	1°11	9°17	27°24	25° 0	12°34	3°47	4°15	8°36	28°21
S 19	8 26 54	7°49'40	6°32	25°31	22°39	19°25	1° 6	9°22	27°28	24°59	12°34	3°34	4°12	8°43	28°17
S 20	8 30 50	8°50'29	18°21	26° 1	23°54	20°11	1° 1	9°27	27°31	24°58	12°33	3°25	4° 9	8°49	28°13
M21	8 34 47	9°51'17	0°Y 9	26°21	25° 9	20°58	0°56	9°32	27°35	24°57	12°33	3°18	4° 6	8°56	28° 8
T 22	8 38 44	10°52'04	12° 0	26°R31	26°24	21°44	0°51	9°37	27°38	24°56	12°32	3°14	4° 3	9° 3	28° 4
W23	8 42 40	11°52'48	23°57	26°30	27°39	22°30	0°46	9°42	27°41	24°55	12°31	3°12	4° 0	9°10	28° 0
T 24	8 46 37	12°53'32	6°R 5	26°18	28°54	23°17	0°42	9°47	27°45	24°54	12°31	3°12	3°56	9°16	27°55
F 25	8 50 33	13°54'13	18°31	25°56	0°H 8	24° 3	0°38	9°53	27°48	24°53	12°30	3°12	3°53	9°23	27°51
S 26	8 54 30	14°54'53	1°R 18	25°24	1°23	24°50	0°34	9°58	27°52	24°52	12°30	3°11	3°50	9°30	27°46
S 27	8 58 26	15°55'32	14°33	24°42	2°38	25°36	0°30	10° 3	27°55	24°51	12°29	3° 8	3°47	9°36	27°42
M28	9 2 23	16°56'08	28°17	23°52	3°53	26°23	0°26	10° 9	27°58	24°50	12°29	3° 2	3°44	9°43	27°37
T 29	9 6 19	17°56'43	12°32	22°55	5° 8	27°10	0°23	10°15	28° 2	24°49	12°29	2°54	3°41	9°50	27°32
W30	9 10 16	18°57'16	27°14	21°52	6°23	27°56	0°20	10°20	28° 5	24°48	12°28	2°44	3°37	9°56	27°28
T 31	9 14 13	19°57'48	12°R 17	20°46	7°37	28°43	0°17	10°Y 26	28° 9	24°R 47	12°R 28	2°R 33	3°R 34	10°H 3	27°R 23

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	22s 5	27n43	4n17	21s57	1s56	21s29	1s19	24s 8	0s44	23n32	0n 3	0n58	2s28	21s27	0s32	22n15	1s11	13n51	8s37	13n34	13n17	13s 9	5n36	6s33
W 2	21 56	26 53	4 48	21 30	1 52	21 14	1 20	24 7	0 45	23 32	0 3	1 0	2 28	21 27	0 32	22 15	1 11	13 51	8 37	13 31	13 16	13 6	5 37	6 33
T 3	21 47	24 9	5 1	21 2	1 48	20 58	1 21	24 5	0 45	23 32	0 3	1 1	2 27	21 26	0 32	22 15	1 11	13 51	8 37	13 27	13 15	13 3	5 37	6 33
F 4	21 37	19 46	4 52	20 33	1 43	20 41	1 22	24 3	0 46	23 33	0 3	1 3	2 27	21 25	0 32	22 15	1 11	13 51	8 37	13 23	13 14	13 0	5 38	6 34
S 5	21 27	14 9	4 24	20 2	1 37	20 24	1 23	24 0	0 47	23 33	0 3	1 5	2 27	21 25	0 32	22 15	1 11	13 52	8 36	13 20	13 13	12 57	5 39	6 34
S 6	21 16	7 48	3 39	19 30	1 31	20 6	1 24	23 58	0 47	23 33	0 3	1 6	2 27	21 24	0 32	22 15	1 11	13 52	8 36	13 18	13 12	12 54	5 40	6 34
M 7	21 5	1 10	2 40	18 57	1 24	19 48	1 25	23 55	0 48	23 34	0 4	1 8	2 26	21 23	0 32	22 15	1 11	13 52	8 36	13 17	13 11	12 51	5 41	6 34
T 8	20 54	5s24	1 33	18 22	1 15	19 29	1 26	23 52	0 48	23 34	0 4	1 10	2 26	21 23	0 32	22 15	1 11	13 52	8 36	13 16	13 10	12 48	5 41	6 35
W 9	20 42	11 34	0 21	17 47	1 7	19 9	1 27	23 48	0 49	23 34	0 4	1 12	2 26	21 22	0 32	22 15	1 11	13 52	8 36	13 16	13 9	12 45	5 42	6 35
T 10	20 29	17 3	0s50	17 11	0 57	18 49	1 27	23 45	0 49	23 34	0 4	1 13	2 26	21 21	0 32	22 15	1 11	13 52	8 36	13 16	13 7	12 42	5 43	6 35
F 11	20 17	21 36	1 56	16 34	0 46	18 29	1 28	23 41	0 50	23 34	0 4	1 15	2 26	21 21	0 32	22 15	1 11	13 52	8 35	13 15	13 6	12 39	5 44	6 36
S 12	20 4	25 1	2 56	15 57	0 35	18 7	1 28	23 36	0 50	23 35	0 4	1 17	2 25	21 20	0 32	22 15	1 11	13 52	8 35	13 14	13 5	12 36	5 45	6 36
S 13	19 50	27 6	3 45	15 20	0 22	17 46	1 29	23 32	0 51	23 35	0 4	1 19	2 25	21 19	0 32	22 15	1 11	13 52	8 35	13 12	13 4	12 33	5 47	6 36
M14	19 37	27 46	4 23	14 44	0 9	17 14	1 29	23 27	0 51	23 35	0 5	1 21	2 25	21 19	0 32	22 15	1 11	13 52	8 35	13 8	13 3	12 30	5 48	6 36
T 15	19 22	27 1	4 47	14 8	0n 5	17 1	1 30	23 22	0 52	23 35	0 5	1 23	2 25	21 18	0 32	22 15	1 11	13 52	8 35	13 4	13 2	12 28	5 49	6 36
W16	19 8	24 57	4 58	13 34	0 19	16 38	1 30	23 17	0 52	23 35	0 5	1 25	2 24	21 17	0 32	22 15	1 11	13 53	8 34	12 59	13 1	12 25	5 50	6 37
T 17	18 53	21 48	4 56	13 0	0 35	16 14	1 30	23 11	0 53	23 36	0 5	1 27	2 24	21 17	0 32	22 15	1 11	13 53	8 34	12 54	13 0	12 22	5 51	6 37
F 18	18 38	17 45	4 40	12 29	0 51	15 50	1 30	23 5	0 53	23 36	0 5	1 29	2 24	21 16	0 32	22 15	1 11	13 53	8 34	12 49	12 59	12 19	5 53	6 37
S 19	18 22	13 2	4 12	12 0	1 7	15 26	1 30	22 59	0 54	23 36	0 5	1 31	2 24	21 15	0 32	22 15	1 11	13 53	8 34	12 45	12 58	12 16	5 54	6 37
S 20	18 6	7 53	3 33	11 34	1 24	15 1	1 30	22 53	0 54	23 36	0 5	1 33	2 24	21 15	0 32	22 15	1 11	13 53	8 34	12 42	12 57	12 13	5 55	6 37
M21	17 50	2 28	2 45	11 11	1 41	14 36	1 30	22 46	0 54	23 36	0 5	1 36	2 23	21 14	0 32	22 15	1 11	13 53	8 33	12 39	12 56	12 9	5 57	6 37
T 22	17 34	3n 5	1 50	10 52	1 58	14 10	1 30	22 40	0 55	23 36	0 6	1 38	2 23	21 13	0 32	22 15	1 11	13 53	8 33	12 38	12 55	12 6	5 58	6 37
W23	17 17	8 34	0 49	10 37	2 15	13 44	1 30	22 33	0 55	23 37	0 6	1 40	2 23	21 13	0 32	22 15	1 10	13 53	8 33	12 37	12 53	12 3	5 59	6 37
T 24	17 0	13 50	0n15	10 26	2 31	13 18	1 30	22 25	0 56	23 37	0 6	1 42	2 23	21 12	0 32	22 15	1 10	13 54	8 33	12 37	12 52	12 0	6 1	6 37
F 25	16 43	18 41	1 20	10 19	2 46	12 51	1 29	22 18	0 56	23 37	0 6	1 45	2 22	21 11	0 32	22 15	1 10	13 54	8 33	12 37	12 51	11 57	6 2	6 38
S 26	16 25	22 49	2 23	10 17	3 0	12 24	1 29	22 10	0 57	23 37	0 6	1 47	2 22	21 11	0 32	22 15	1 10	13 54	8 32	12 37	12 50	11 54	6 4	6 38
S 27	16 7	25 56	3 20	10 19	3 12	11 57	1 29	22 2	0 57	23 37	0 6	1 49	2 22	21 10	0 32	22 15	1 10	13 54	8 32	12 36	12 49	11 51	6 5	6 38
M28	15 49	27 39	4 8	10 25	3 23	11 29	1 28	21 53	0 58	23 37	0 6	1 51	2 22	21 9	0 32	22 15	1 10	13 54	8 32	12 34	12 48	11 48	6 7	6 38
T 29	15 30	27 37	4 43	10 35	3 32	11 1	1 28	21 45																

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00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	9 18 9	20 ^h 58 ^m 17 ^s	27 ^h 02 ^m 32 ^s	19 ^h R39	8 ^h X52	29 ^h 32 ^m 29 ^s	0 ^h R14	10 ^h Y32	28 ^h 31 ^m 12 ^s	24 ^h R46	12 ^h R28	2 ^h R23	3 ^h B31	10 ^h X10	27 ^h R18	
S 2	9 22 6	21 ^h 58 ^m 45 ^s	12 ^h 07 ^m 48 ^s	18 ^h X31	10 ^h 7	0 ^h X16	0 ^h E11	10 ^h 38	28 ^h 15	24 ^h II46	12 ^h II27	2 ^h B14	3 ^h 28	10 ^h 17	27 ^h 014	
S 3	9 26 2	22 ^h 59 ^m 12 ^s	27 ^h 03	17 ^h 25	11 ^h 21	1 ^h 3	0 ^h 8	10 ^h 44	28 ^h 18	24 ^h 45	12 ^h 27	2 ^h 7	3 ^h 25	10 ^h 23	27 ^h 9	
M 4	9 29 59	23 ^h 59 ^m 37 ^s	12 ^h 03	16 ^h 22	12 ^h 36	1 ^h 49	0 ^h 6	10 ^h 50	28 ^h 22	24 ^h 44	12 ^h 27	2 ^h 3	3 ^h 21	10 ^h 30	27 ^h 4	
T 5	9 33 55	25 ^h 0 ^m 01 ^s	27 ^h 2	15 ^h 23	13 ^h 51	2 ^h 36	0 ^h 4	10 ^h 56	28 ^h 25	24 ^h 44	12 ^h 26	2 ^h D 2	3 ^h 18	10 ^h 37	26 ^h 59	
W 6	9 37 52	26 ^h 0 ^m 23 ^s	10 ^h 08 ^m 58 ^s	14 ^h 30	15 ^h 5	3 ^h 23	0 ^h 2	11 ^h 2	28 ^h 28	24 ^h 43	12 ^h 26	2 ^h 2	3 ^h 15	10 ^h 43	26 ^h 55	
T 7	9 41 48	27 ^h 0 ^m 44 ^s	24 ^h 29	13 ^h 43	16 ^h 20	4 ^h 9	0 ^h 0	11 ^h 8	28 ^h 31	24 ^h 42	12 ^h 26	2 ^h R 2	3 ^h 12	10 ^h 50	26 ^h 50	
F 8	9 45 45	28 ^h 1 ^m 04 ^s	7 ^h X38	13 ^h 3	17 ^h 34	4 ^h 56	29 ^h II59	11 ^h 14	28 ^h 35	24 ^h 42	12 ^h 26	2 ^h 2	3 ^h 9	10 ^h 57	26 ^h 45	
S 9	9 49 42	29 ^h 1 ^m 22 ^s	20 ^h 27	12 ^h 30	18 ^h 49	5 ^h 43	29 ^h 58	11 ^h 20	28 ^h 38	24 ^h 41	12 ^h 26	2 ^h 0	3 ^h 6	11 ^h 3	26 ^h 40	
S 10	9 53 38	0 ^h X 1 ^m 39 ^s	3 ^h 30	12 ^h 4	20 ^h 3	6 ^h 30	29 ^h 56	11 ^h 27	28 ^h 41	24 ^h 41	12 ^h 25	1 ^h 55	3 ^h 2	11 ^h 10	26 ^h 36	
M 11	9 57 35	1 ^h 1 ^m 54 ^s	15 ^h 20	11 ^h 45	21 ^h 18	7 ^h 17	29 ^h 55	11 ^h 33	28 ^h 44	24 ^h 40	12 ^h 25	1 ^h 48	2 ^h 59	11 ^h 17	26 ^h 31	
T 12	10 1 31	2 ^h 2 ^m 08 ^s	27 ^h 31	11 ^h 34	22 ^h 32	8 ^h 3	29 ^h 55	11 ^h 40	28 ^h 47	24 ^h 40	12 ^h 25	1 ^h 38	2 ^h 56	11 ^h 23	26 ^h 26	
W 13	10 5 28	3 ^h 3 ^m 19 ^s	9 ^h X34	11 ^h D29	23 ^h 46	8 ^h 50	29 ^h 54	11 ^h 46	28 ^h 50	24 ^h 39	12 ^h 25	1 ^h 27	2 ^h 53	11 ^h 30	26 ^h 21	
T 14	10 9 24	4 ^h 4 ^m 29 ^s	21 ^h 32	11 ^h 31	25 ^h 1	9 ^h 37	29 ^h 54	11 ^h 53	28 ^h 53	24 ^h 39	12 ^h 25	1 ^h 15	2 ^h 50	11 ^h 37	26 ^h 17	
F 15	10 13 21	5 ^h 5 ^m 27 ^s	3 ^h X25	11 ^h 39	26 ^h 15	10 ^h 24	29 ^h D54	11 ^h 59	28 ^h 56	24 ^h 39	12 ^h 25	1 ^h 4	2 ^h 47	11 ^h 44	26 ^h 12	
S 16	10 17 17	6 ^h 6 ^m 44 ^s	15 ^h 16	11 ^h 53	27 ^h 29	11 ^h 11	29 ^h 54	12 ^h 6	28 ^h 59	24 ^h 38	12 ^h D25	0 ^h 54	2 ^h 43	11 ^h 50	26 ^h 7	
S 17	10 21 14	7 ^h 7 ^m 48 ^s	27 ^h 5	12 ^h 13	28 ^h 44	11 ^h 58	29 ^h 54	12 ^h 13	29 ^h 2	24 ^h 38	12 ^h 25	0 ^h 46	2 ^h 40	11 ^h 57	26 ^h 3	
M 18	10 25 11	8 ^h 8 ^m 50 ^s	8 ^h Y55	12 ^h 37	29 ^h 58	12 ^h 44	29 ^h 54	12 ^h 19	29 ^h 5	24 ^h 38	12 ^h 25	0 ^h 41	2 ^h 37	12 ^h 4	25 ^h 58	
T 19	10 29 7	9 ^h 9 ^m 25 ^s	20 ^h 48	13 ^h 7	1 ^h Y12	13 ^h 31	29 ^h 55	12 ^h 26	29 ^h 8	24 ^h 37	12 ^h 25	0 ^h 39	2 ^h 34	12 ^h 10	25 ^h 53	
W 20	10 33 4	10 ^h 10 ^m 24 ^s	2 ^h B48	13 ^h 41	2 ^h 26	14 ^h 18	29 ^h 56	12 ^h 33	29 ^h 11	24 ^h 37	12 ^h 25	0 ^h D38	2 ^h 31	12 ^h 17	25 ^h 49	
T 21	10 37 0	11 ^h 11 ^m 24 ^s	14 ^h 59	14 ^h 19	3 ^h 40	15 ^h 5	29 ^h 57	12 ^h 40	29 ^h 14	24 ^h 37	12 ^h 25	0 ^h 39	2 ^h 27	12 ^h 24	25 ^h 44	
F 22	10 40 57	12 ^h 12 ^m 39 ^s	27 ^h 24	15 ^h 2	4 ^h 54	15 ^h 52	29 ^h 58	12 ^h 47	29 ^h 17	24 ^h 37	12 ^h 25	0 ^h 40	2 ^h 24	12 ^h 30	25 ^h 40	
S 23	10 44 53	13 ^h 13 ^m 30 ^s	10 ^h II 8	15 ^h 48	6 ^h 8	16 ^h 39	29 ^h 59	12 ^h 54	29 ^h 19	24 ^h 37	12 ^h 26	0 ^h R41	2 ^h 21	12 ^h 37	25 ^h 35	
S 24	10 48 50	14 ^h 14 ^m 22 ^s	23 ^h 16	16 ^h 37	7 ^h 22	17 ^h 26	0 ^h E 1	13 ^h 1	29 ^h 22	24 ^h 37	12 ^h 26	0 ^h 41	2 ^h 18	12 ^h 44	25 ^h 31	
M 25	10 52 46	15 ^h 15 ^m 07 ^s	6 ^h E51	17 ^h 30	8 ^h 36	18 ^h 13	0 ^h 3	13 ^h 8	29 ^h 25	24 ^h D37	12 ^h 26	0 ^h 38	2 ^h 15	12 ^h 50	25 ^h 27	
T 26	10 56 43	16 ^h 16 ^m 52 ^s	20 ^h 56	18 ^h 26	9 ^h 50	19 ^h 0	0 ^h 5	13 ^h 15	29 ^h 28	24 ^h 37	12 ^h 26	0 ^h 34	2 ^h 12	12 ^h 57	25 ^h 22	
W 27	11 0 40	17 ^h 17 ^m 35 ^s	5 ^h Q27	19 ^h 25	11 ^h 4	19 ^h 46	0 ^h 7	13 ^h 22	29 ^h 30	24 ^h 37	12 ^h 26	0 ^h 29	2 ^h 8	13 ^h 4	25 ^h 18	
T 28	11 4 36	18 ^h 18 ^m 15 ^s	20 ^h Q23	20 ^h X26	12 ^h Y18	20 ^h X33	0 ^h E10	13 ^h Y29	29 ^h 33	24 ^h II37	12 ^h II27	0 ^h B22	2 ^h 5	13 ^h X11	25 ^h Q14	

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	14s33	16n38	4n33	11s25	3n45	9s35	1s25	21s17	0s59	23n38	0n 7	2n 1	2s21	21s 7	0s32	22n15	1s10	13n55	8s31	12n20	12n44	11s36	6n13	6s37
S 2	14 14	10 19	3 50	11 46	3 45	9 6	1 25	21 8	1 0	23 38	0 7	2 4	2 21	21 6	0 32	22 15	1 10	13 55	8 31	12 17	12 43	11 33	6 15	6 37
S 3	13 54	3 27	2 51	12 8	3 42	8 37	1 24	20 58	1 0	23 38	0 7	2 6	2 21	21 5	0 32	22 15	1 10	13 55	8 31	12 15	12 42	11 30	6 17	6 37
M 4	13 34	3s28	1 41	12 31	3 38	8 7	1 23	20 48	1 1	23 38	0 7	2 9	2 21	21 5	0 32	22 15	1 10	13 55	8 30	12 14	12 40	11 27	6 18	6 37
T 5	13 14	10 2	0 27	12 54	3 31	7 38	1 22	20 38	1 1	23 38	0 7	2 11	2 20	21 4	0 32	22 15	1 10	13 56	8 30	12 13	12 39	11 24	6 20	6 37
W 6	12 53	15 55	0s47	13 17	3 23	7 8	1 20	20 27	1 1	23 38	0 7	2 14	2 20	21 3	0 32	22 15	1 10	13 56	8 30	12 13	12 38	11 21	6 22	6 37
T 7	12 33	20 50	1 57	13 40	3 14	6 38	1 19	20 17	1 1	23 39	0 7	2 16	2 20	21 3	0 32	22 15	1 10	13 56	8 30	12 13	12 37	11 18	6 23	6 37
F 8	12 12	24 34	2 58	14 2	3 3	6 7	1 18	20 6	1 1	23 39	0 8	2 19	2 20	21 2	0 32	22 15	1 10	13 56	8 29	12 13	12 36	11 15	6 25	6 36
S 9	11 51	26 58	3 48	14 22	2 52	5 37	1 17	19 55	1 1	23 39	0 8	2 21	2 20	21 1	0 32	22 15	1 10	13 56	8 29	12 12	12 35	11 12	6 27	6 36
S 10	11 30	27 55	4 26	14 41	2 39	5 6	1 15	19 43	1 1	23 39	0 8	2 24	2 20	21 1	0 32	22 15	1 10	13 57	8 29	12 11	12 34	11 9	6 29	6 36
M 11	11 9	27 27	4 51	14 59	2 26	4 36	1 14	19 32	1 1	23 39	0 8	2 27	2 20	21 0	0 32	22 15	1 10	13 57	8 29	12 8	12 33	11 6	6 31	6 36
T 12	10 47	25 40	5 3	15 14	2 13	4 5	1 12	19 20	1 1	23 39	0 8	2 29	2 19	21 0	0 32	22 15	1 10	13 57	8 29	12 5	12 32	11 2	6 32	6 36
W 13	10 25	22 44	5 1	15 29	2 0	3 34	1 11	19 8	1 1	23 39	0 8	2 32	2 19	20 59	0 32	22 15	1 10	13 57	8 28	12 1	12 31	10 59	6 34	6 35
T 14	10 4	18 52	4 45	15 41	1 46	3 3	1 9	18 56	1 1	23 39	0 8	2 35	2 19	20 58	0 32	22 15	1 10	13 58	8 28	11 57	12 30	10 56	6 36	6 35
F 15	9 42	14 17	4 17	15 52	1 33	2 32	1 7	18 44	1 1	23 39	0 8	2 37	2 19	20 58	0 32	22 15	1 9	13 58	8 28	11 53	12 29			

SWISS EPHEMERIS for the year 1409

MARCH 1409 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	11 8 33	19° 05'3	5° 35'	21° 30'	13° 32'	21° 20'	0° 12'	13° 36'	29° 35'	24° 37'	12° 27'	0° 16'	2° 2'	13° 17'	25° 10'		
S 2	11 12 29	20° 02'9	20° 53'	22° 36'	14° 45'	22° 7'	0° 15'	13° 44'	29° 38'	24° 37'	12° 27'	0° 11'	1° 59'	13° 24'	25° 6'		
S 3	11 16 26	21° 00'3	6° 56'	23° 45'	15° 59'	22° 54'	0° 18'	13° 51'	29° 40'	24° 37'	12° 27'	0° 7'	1° 56'	13° 31'	25° 2'		
M 4	11 20 22	21° 59'35	21° 5'	24° 55'	17° 13'	23° 41'	0° 21'	13° 58'	29° 43'	24° 38'	12° 28'	0° 5'	1° 52'	13° 37'	24° 58'		
T 5	11 24 19	22° 59'05	5° 34'	26° 8'	18° 26'	24° 28'	0° 24'	14° 5'	29° 45'	24° 38'	12° 28'	0° 5'	1° 49'	13° 44'	24° 54'		
W 6	11 28 15	23° 58'33	19° 52'	27° 23'	19° 40'	25° 15'	0° 28'	14° 13'	29° 48'	24° 38'	12° 29'	0° 6'	1° 46'	13° 51'	24° 50'		
T 7	11 32 12	24° 58'00	3° 27'34	28° 40'	20° 53'	26° 2'	0° 31'	14° 20'	29° 50'	24° 39'	12° 29'	0° 7'	1° 43'	13° 57'	24° 46'		
F 8	11 36 9	25° 57'24	16° 50'	29° 58'	22° 7'	26° 48'	0° 35'	14° 27'	29° 53'	24° 39'	12° 29'	0° 8'	1° 40'	14° 4'	24° 43'		
S 9	11 40 5	26° 56'47	29° 43'	1° 19'	23° 20'	27° 35'	0° 39'	14° 35'	29° 55'	24° 39'	12° 30'	0° 9'	1° 37'	14° 11'	24° 39'		
S 10	11 44 2	27° 56'09	12° 31'5	2° 41'	24° 33'	28° 22'	0° 43'	14° 42'	29° 57'	24° 40'	12° 30'	0° 8'	1° 33'	14° 17'	24° 36'		
M 11	11 47 58	28° 55'28	24° 32'	4° 4'	25° 47'	29° 9'	0° 48'	14° 50'	29° 59'	24° 40'	12° 31'	0° 5'	1° 30'	14° 24'	24° 32'		
T 12	11 51 55	29° 54'46	6° 33'7	5° 29'	27° 0'	29° 56'	0° 52'	14° 57'	0° 1'	24° 41'	12° 31'	0° 1'	1° 27'	14° 31'	24° 29'		
W 13	11 55 51	0° 54'01	18° 34'	6° 56'	28° 13'	0° 43'	0° 57'	15° 5'	0° 4'	24° 41'	12° 32'	29° 57'	1° 24'	14° 37'	24° 26'		
T 14	11 59 48	1° 53'15	0° 26'	8° 25'	29° 26'	1° 30'	1° 2'	15° 12'	0° 6'	24° 42'	12° 32'	29° 52'	1° 21'	14° 44'	24° 22'		
F 15	12 3 44	2° 52'27	12° 16'	9° 55'	0° 39'	2° 16'	1° 7'	15° 20'	0° 8'	24° 42'	12° 33'	29° 47'	1° 18'	14° 51'	24° 19'		
S 16	12 7 41	3° 51'37	24° 5'	11° 26'	1° 52'	3° 3'	1° 12'	15° 27'	0° 10'	24° 43'	12° 34'	29° 42'	1° 14'	14° 58'	24° 16'		
S 17	12 11 38	4° 50'44	5° 57'	12° 59'	3° 5'	3° 50'	1° 17'	15° 35'	0° 12'	24° 44'	12° 34'	29° 39'	1° 11'	15° 4'	24° 13'		
M 18	12 15 34	5° 49'50	17° 52'	14° 34'	4° 18'	4° 37'	1° 23'	15° 42'	0° 14'	24° 44'	12° 35'	29° 37'	1° 8'	15° 11'	24° 10'		
T 19	12 19 31	6° 48'54	29° 54'	16° 10'	5° 31'	5° 24'	1° 29'	15° 50'	0° 16'	24° 45'	12° 35'	29° D37	1° 5'	15° 18'	24° 8'		
W 20	12 23 27	7° 47'55	12° 3'	17° 47'	6° 44'	6° 10'	1° 34'	15° 58'	0° 17'	24° 46'	12° 36'	29° 37'	1° 2'	15° 24'	24° 5'		
T 21	12 27 24	8° 46'54	24° 23'	19° 26'	7° 57'	6° 57'	1° 40'	16° 5'	0° 19'	24° 46'	12° 37'	29° 39'	0° 58'	15° 31'	24° 2'		
F 22	12 31 20	9° 45'51	6° 33'7	21° 7'	9° 10'	7° 44'	1° 46'	16° 13'	0° 21'	24° 47'	12° 38'	29° 40'	0° 55'	15° 38'	24° 0'		
S 23	12 35 17	10° 44'46	19° 46'	22° 49'	10° 22'	8° 31'	1° 53'	16° 21'	0° 23'	24° 48'	12° 38'	29° 42'	0° 52'	15° 44'	23° 58'		
S 24	12 39 13	11° 43'39	2° 55'	24° 32'	11° 35'	9° 17'	1° 59'	16° 28'	0° 24'	24° 49'	12° 39'	29° 42'	0° 49'	15° 51'	23° 55'		
M 25	12 43 10	12° 42'29	16° 55'	26° 17'	12° 48'	10° 4'	2° 6'	16° 36'	0° 26'	24° 50'	12° 40'	29° R43	0° 46'	15° 58'	23° 53'		
T 26	12 47 7	13° 41'17	0° 19'	28° 4'	14° 0'	10° 51'	2° 13'	16° 43'	0° 28'	24° 51'	12° 41'	29° 42'	0° 43'	16° 4'	23° 51'		
W 27	12 51 3	14° 40'03	14° 35'	29° 52'	15° 13'	11° 37'	2° 19'	16° 51'	0° 29'	24° 52'	12° 41'	29° 41'	0° 39'	16° 11'	23° 49'		
T 28	12 55 0	15° 38'46	29° 13'	1° 41'	16° 25'	12° 24'	2° 26'	16° 59'	0° 31'	24° 53'	12° 42'	29° 39'	0° 36'	16° 18'	23° 47'		
F 29	12 58 56	16° 37'27	14° 6'	3° 32'	17° 37'	13° 11'	2° 34'	17° 6'	0° 32'	24° 54'	12° 43'	29° 37'	0° 33'	16° 24'	23° 46'		
S 30	13 2 53	17° 36'06	29° 9'	5° 25'	18° 49'	13° 57'	2° 41'	17° 14'	0° 33'	24° 55'	12° 44'	29° 36'	0° 30'	16° 31'	23° 44'		
S 31	13 6 49	18° 34'42	14° 12'	7° 19'	20° 2'	14° 44'	2° 48'	17° 22'	0° 35'	24° 56'	12° 45'	29° 35'	0° 27'	16° 38'	23° 42'		

Day	☉			☽			♀			♂			♂			♂			♂			♂			♂			♂			♂		
	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat			
F 1	4s22	13n24	4n13	15s25	1s 6	4n46	0s38	15s31	1s 9	23n41	0n10	3n17	2s17	20s50	0s32	22n16	1s 9	14n 1	8s25	11n36	12n13	10s10	7n 4	6s29									
S 2	3 58	6 38	3 17	15 12	1 14	5 17	0 36	15 16	1 9	23 41	0 10	3 20	2 17	20 49	0 32	22 16	1 9	14 1	8 24	11 34	12 12	10 7	7 5	6 29									
S 3	3 35	0s30	2 7	14 56	1 22	5 48	0 33	15 1	1 9	23 41	0 10	3 22	2 17	20 49	0 32	22 16	1 9	14 2	8 24	11 33	12 11	10 3	7 7	6 28									
M 4	3 11	7 30	0 49	14 39	1 29	6 18	0 31	14 46	1 9	23 41	0 10	3 25	2 17	20 48	0 32	22 16	1 9	14 2	8 24	11 32	12 10	10 0	7 9	6 28									
T 5	2 48	13 57	0s31	14 21	1 36	6 49	0 28	14 30	1 10	23 41	0 10	3 28	2 17	20 48	0 33	22 16	1 9	14 2	8 24	11 32	12 9	9 57	7 11	6 27									
W 6	2 24	19 27	1 46	14 2	1 43	7 19	0 26	14 15	1 10	23 41	0 10	3 31	2 17	20 47	0 33	22 16	1 9	14 3	8 23	11 33	12 8	9 54	7 13	6 26									
T 7	2 0	23 45	2 52	13 41	1 49	7 49	0 23	13 59	1 10	23 41	0 10	3 34	2 17	20 47	0 33	22 16	1 9	14 3	8 23	11 33	12 7	9 51	7 14	6 26									
F 8	1 37	26 38	3 48	13 18	1 54	8 19	0 20	13 43	1 10	23 41	0 10	3 37	2 17	20 46	0 33	22 16	1 8	14 3	8 23	11 34	12 5	9 48	7 16	6 25									
S 9	1 13	28 1	4 30	12 54	1 59	8 49	0 18	13 27	1 10	23 41	0 10	3 40	2 17	20 46	0 33	22 16	1 8	14 3	8 23	11 34	12 4	9 45	7 18	6 25									
S 10	0 49	27 53	4 57	12 29	2 4	9 19	0 15	13 11	1 11	23 41	0 10	3 43	2 17	20 46	0 33	22 16	1 8	14 4	8 23	11 33	12 3	9 41	7 20	6 24									
M 11	0 26	26 23	5 11	12 2	2 8	9 48	0 12	12 55	1 11	23 41	0 10	3 46	2 17	20 45	0 33	22 16	1 8	14 4	8 22	11 32	12 2	9 38	7 21	6 23									
T 12	0 2	23 41	5 10	11 34	2 12	10 18	0 9	12 38	1 11	23 42	0 11	3 49	2 16	20 45	0 33	22 16	1 8	14 4	8 22	11 31	12 1	9 35	7 23	6 23									
W 13	0n22	20 0	4 56	11 5	2 15	10 47	0 6	12 22	1 11	23 42	0 11	3 52	2 16	20 44	0 33	22 16	1 8	14 5	8 22	11 29	12 0	9 32	7 25	6 22									
T 14	0 45	15 33	4 29	10 34	2 18	11 15	0 4	12 5	1 11	23 42	0 11	3 55	2 16	20 44	0 33	22 17	1 8	14 5	8 22	11 28	11 59	9 29	7 26	6 21									
F 15	1 9	10 32	3 51	10 2	2 20	11 44	0 1	11 49	1 12	23 42	0 11	3 58	2 16	20 43	0 33	22 17	1 8	14 5	8 21	11 26	11 58	9 26	7 28	6 21									
S 16	1 32	5 9	3 3	9 29	2 22	12 12	0n 2	11 32	1 12	23 42	0 11	4 1	2 16	20 43	0 33	22 17	1 8	14 5	8 21	11 24	11 57	9 22	7 30	6 20									
S 17	1 56	0n26	2 6	8 55	2 23	12 40	0 5	11 15	1 12	23 42	0 11	4 4	2 16	20 43	0 33	22 17	1 8	14 6	8 21	11 23	11 56	9 19	7 31	6 19									
M 18	2 19	6 3	1 4	8 19	2 24	13 7	0 8	10 58	1 12	23 42	0 11	4 6	2 16	20 42	0 33	22 17	1 8	14 6	8 21	11 23													

SWISS EPHEMERIS for the year 1409

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♆	♄	♁	♁	♁	♁	♁
M 1	13 10 46	19°33'17	29°06	9°15	21°14	15°30	2°56	17°29	0°36	24°57	12°46	29°D35	0°24	16°44	23°R41	
T 2	13 14 42	20°31'50	13°04	11°12	22°26	16°17	3°04	17°37	0°37	24°58	12°47	29°Y35	0°20	16°51	23°Q40	
W 3	13 18 39	21°30'21	28°01	13°11	23°38	17°03	3°11	17°45	0°38	25°00	12°48	29°36	0°17	16°58	23°38	
T 4	13 22 35	22°28'50	11°52	15°11	24°50	17°50	3°19	17°52	0°40	25°01	12°48	29°36	0°14	17°05	23°37	
F 5	13 26 32	23°27'18	25°16	17°13	26°02	18°36	3°27	18°00	0°41	25°02	12°49	29°37	0°11	17°11	23°36	
S 6	13 30 29	24°25'44	8°36	19°16	27°13	19°23	3°36	18°08	0°42	25°03	12°50	29°37	0°08	17°18	23°35	
S 7	13 34 25	25°24'09	20°53	21°21	28°25	20°09	3°44	18°15	0°43	25°05	12°51	29°R38	0°04	17°25	23°35	
M 8	13 38 22	26°22'32	3°22	23°26	29°37	20°55	3°52	18°23	0°44	25°06	12°52	29°38	0°01	17°31	23°34	
T 9	13 42 18	27°20'53	15°17	25°33	0°48	21°42	4°01	18°30	0°45	25°07	12°53	29°38	29°Y58	17°38	23°33	
W10	13 46 15	28°19'13	27°12	27°41	2°00	22°28	4°10	18°38	0°45	25°09	12°54	29°37	29°55	17°45	23°33	
T 11	13 50 11	29°17'31	9°33	29°49	3°11	23°14	4°19	18°46	0°46	25°10	12°56	29°D37	29°52	17°51	23°33	
F 12	13 54 08	0°15'47	20°52	1°58	4°23	24°00	4°27	18°53	0°47	25°11	12°57	29°37	29°49	17°58	23°32	
S 13	13 58 04	1°14'02	2°43	4°07	5°34	24°47	4°36	19°01	0°48	25°13	12°58	29°37	29°45	18°05	23°32	
S 14	14 02 01	2°12'15	14°39	6°17	6°45	25°33	4°46	19°08	0°48	25°14	12°59	29°38	29°42	18°11	23°D32	
M15	14 05 58	3°10'26	26°43	8°26	7°56	26°19	4°55	19°16	0°49	25°16	13°00	29°R38	29°39	18°18	23°32	
T 16	14 09 54	4°08'36	8°56	10°34	9°08	27°05	5°04	19°23	0°50	25°17	13°01	29°38	29°36	18°25	23°33	
W17	14 13 51	5°06'44	21°21	12°42	10°19	27°51	5°14	19°31	0°50	25°19	13°02	29°37	29°33	18°31	23°33	
T 18	14 17 47	6°04'50	3°58	14°49	11°30	28°37	5°23	19°38	0°51	25°20	13°03	29°37	29°29	18°38	23°33	
F 19	14 21 44	7°02'55	16°48	16°55	12°40	29°23	5°33	19°46	0°51	25°22	13°04	29°36	29°26	18°45	23°34	
S 20	14 25 40	8°00'58	29°53	18°58	13°51	0°09	5°43	19°53	0°51	25°24	13°06	29°35	29°23	18°51	23°35	
S 21	14 29 37	8°58'59	13°12	21°00	15°02	0°55	5°53	20°00	0°52	25°25	13°07	29°34	29°20	18°58	23°35	
M22	14 33 33	9°56'58	26°48	23°00	16°12	1°41	6°03	20°08	0°52	25°27	13°08	29°33	29°17	19°05	23°36	
T 23	14 37 30	10°54'55	10°29	24°57	17°23	2°27	6°13	20°15	0°52	25°29	13°09	29°D33	29°14	19°11	23°37	
W24	14 41 27	11°52'50	24°45	26°52	18°33	3°13	6°23	20°23	0°52	25°30	13°10	29°33	29°10	19°18	23°38	
T 25	14 45 23	12°50'43	9°09	28°43	19°44	3°58	6°33	20°30	0°52	25°32	13°12	29°34	29°07	19°25	23°40	
F 26	14 49 20	13°48'34	23°36	0°32	20°54	4°44	6°44	20°37	0°53	25°34	13°13	29°35	29°04	19°31	23°41	
S 27	14 53 16	14°46'24	8°14	2°18	22°04	5°30	6°54	20°44	0°R53	25°36	13°14	29°36	29°01	19°38	23°43	
S 28	14 57 13	15°44'12	22°54	4°01	23°14	6°15	7°05	20°52	0°52	25°37	13°15	29°R37	28°58	19°45	23°44	
M29	15 01 09	16°41'58	7°32	5°41	24°24	7°01	7°15	20°59	0°52	25°39	13°17	29°37	28°55	19°52	23°46	
T 30	15 05 06	17°39'43	21°54	7°17	25°34	7°47	7°26	21°09	0°52	25°41	13°18	29°Y36	28°51	19°58	23°Q48	

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M 1	7n41	11s 9	0n 3	2n 5	1s44	18n55	0n50	6s51	1s13	23n41	0n12	4n48	2s16	20s38	0s33	22n18	1s 7	14n10	8s18	11n22	11n39	8s31	7n52	6s 8						
T 2	8 3 17	15 1s18	2 58	1 37	19 17	0 53	6 33	1 13	23 41	0 12	4 51	2 16	20 38	0 33	22 18	1 7	14 10	8 18	11 22	11 38	8 28	7 53	6 7							
W 3	8 25 22	14 2 31	3 51	1 30	19 38	0 55	6 15	1 13	23 41	0 12	4 53	2 16	20 37	0 33	22 18	1 7	14 11	8 18	11 22	11 37	8 25	7 55	6 7							
T 4	8 47 25	49 3 34	4 44	1 22	19 59	0 58	5 57	1 13	23 41	0 12	4 56	2 16	20 37	0 33	22 18	1 7	14 11	8 17	11 22	11 35	8 22	7 56	6 6							
F 5	9 8 27	48 4 22	5 39	1 14	20 19	1 1	5 38	1 13	23 41	0 12	4 59	2 16	20 37	0 33	22 18	1 7	14 11	8 17	11 22	11 34	8 19	7 57	6 5							
S 6	9 30 28	11 4 56	6 33	1 6	20 39	1 4	5 20	1 13	23 41	0 13	5 2	2 16	20 37	0 34	22 18	1 7	14 12	8 17	11 23	11 33	8 15	7 58	6 4							
S 7	9 51 27	3 5 14	7 29	0 57	20 58	1 7	5 2	1 13	23 41	0 13	5 5	2 16	20 37	0 34	22 19	1 7	14 12	8 17	11 23	11 32	8 12	7 59	6 3							
M 8	10 13 24	38 5 17	8 24	0 47	21 16	1 10	4 44	1 13	23 40	0 13	5 8	2 16	20 36	0 34	22 19	1 7	14 12	8 17	11 23	11 31	8 9	8 0	6 3							
T 9	10 34 21	10 5 6	9 20	0 38	21 34	1 13	4 25	1 13	23 40	0 13	5 11	2 16	20 36	0 34	22 19	1 7	14 12	8 17	11 23	11 30	8 6	8 1	6 2							
W10	10 55 16	53 4 41	10 15	0 28	21 52	1 15	4 7	1 13	23 40	0 13	5 14	2 16	20 36	0 34	22 19	1 7	14 13	8 16	11 23	11 29	8 2	8 2	6 1							
T 11	11 15 11	59 4 5	11 11	0 17	22 8	1 18	3 48	1 13	23 40	0 13	5 16	2 16	20 36	0 34	22 19	1 7	14 13	8 16	11 23	11 28	7 59	8 3	6 0							
F 12	11 36 6	41 3 19	12 5	0 7	22 25	1 21	3 30	1 13	23 40	0 13	5 19	2 16	20 36	0 34	22 19	1 7	14 13	8 16	11 23	11 26	7 56	8 4	5 59							
S 13	11 56 1	7 2 24	13 0	0n 4	22 40	1 24	3 11	1 13	23 39	0 13	5 22	2 16	20 36	0 34	22 19	1 7	14 14	8 16	11 23	11 25	7 53	8 4	5 58							
S 14	12 17 4n32	1 22	13 53	0 14	22 55	1 26	2 53	1 12	23 39	0 13	5 25	2 16	20 36	0 34	22 19	1 7	14 14	8 16	11 23	11 24	7 50	8 5	5 58							
M15	12 37 10	5 0 16	14 45	0 25	23 10	1 29	2 34	1 12	23 39	0 13	5 28	2 16	20 36	0 34	22 19	1 7	14 14	8 16	11 23	11 23	7 46	8 6	5 57							
T 16	12 57 15	20 0n51	15 37	0 36	23 24	1 31	2 16	1 12	23 39	0 13	5 31	2 16	20 35	0 34	22 19	1 7	14 15	8 15	11 23	11 22	7 43	8 7	5 56							
W17	13 16 20	3 1 58	16 26	0 46	23 37	1 34	1 58	1 12	23 38	0 13	5 33	2 16	20 35	0 34	22 19	1 7	14 15	8 15	11 23	11 21	7 40	8 7	5 55							
T 18	13 36 23	57 2 59	17 14	0 56	23 49	1 36	1 39	1 12	23 38	0 13	5 36	2 16	20 35	0 34	22 20	1 7	14 15	8 15	11 22	11 20	7 37	8 8	5 54							
F 19	13 55 26	43 3 53	18 0	1 6	24 1	1 39	1 21	1 12	23 38	0 13	5 39	2 17	20 35	0 34	22 20	1 7	14 15	8 15	11 22	11 19	7 33	8 9	5 53							
S 20	14 14 28	6 4 35	18 44	1 16	24 13	1 41	1 2	1 12	23 37	0 14	5 42	2 17	20 35	0 34	22 20	1 7	14 16	8 15	11 22	11 17	7 30	8 9	5 53							
S 21	14 32 27	54 5 4	19 26	1 25	24 23	1 43	0 44	1 12	23 37	0 14	5 44	2 17	20 35	0 34	22 20	1 7	14 16	8 15	11 21	11 16	7 27	8 10	5 52							
M22	14 51 26	2 5 16	20 6	1 34	24 33	1 46	0 25	1 11	23 36	0 14	5 47	2 17	20 35	0 34	22 20	1 7	14 16	8 14	11 21	11 15	7 24	8 10	5 51							
T 23	15 9 22	36 5 11	20 43	1 42	24 42	1 48	0 7	1 11	23 36	0 14	5 50	2 17	20 35	0 34	22 20	1 6	14 17	8 14	11 21	11 14	7 20	8 11	5 50							
W24	15 27 17	49 4 47	21 18	1 49	24 51	1 50	0n12	1 11	23 36	0 14	5 52	2 17	20 35	0 34	22 20	1 6	14 17	8 14	11 21	11 13	7 17	8 11	5 49							
T 25	15 45 11	58 4 5	21 50	1 56	24 59	1 52	0 30	1 11	23 35	0 14	5 55	2 17	20 35	0 34	22 20	1 6	14 17	8 14	11 21	11 12	7 14	8 12	5 48							
F 26	16 2 5 24	3 6 22	19 2	2 25	6 1	54 0	48	1 11	23 35	0 14	5 58	2 17	20 35	0 34	22 20	1 6	14 17	8 14	11 22	11 11	7 11	8 12	5 47							
S 27	16 19 1s30	1 56	22 47	2 8	25 13	1 56	1 7	1 11	23 34	0 14	6 0	2 17	20 35	0 34	22 20	1 6	14 18	8 14	11 22	11 10	7 7	8 12	5 47							
S 28	16 36 8	21 0 37	23 11	2 12	25 18	1 58	1 25	1 10	23 34	0 14	6 3	2 17	20 35	0 34	22 20	1 6	14 18	8 14	11 22	11 8	7 4	8 13	5 46							
M29	16 53 14	44 0s43	23 33	2 16	25 24	2 0	1 43	1 10	23 33	0 14	6 6	2 17	20 35	0 34	22 21	1 6	14 18	8 14	11 22	11 7										

SWISS EPHEMERIS for the year 1409

MAY 1409 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	15 9 2	18 ⁸ 37'27	6 ⁷ 3	8 ^{II} 50	26 ^{II} 44	8 ^Y 32	7 ⁵ 37	21 ^Y 13	0 ⁰ R52	25 ^{II} 43	13 ^{II} 19	29 ⁰ R34	28 ^Y 48	20 ^X 5	23 ⁰ 249		
T 2	15 12 59	19 ⁰ 35'09	19 ⁰ 51	10 ⁰ 19	27 ⁰ 53	9 ⁰ 18	7 ⁰ 48	21 ⁰ 20	0 ⁰ ≈52	25 ⁰ 45	13 ⁰ 21	29 ⁰ Y31	28 ⁰ 45	20 ⁰ 12	23 ⁰ 51		
F 3	15 16 56	20 ⁰ 32'50	3 ³ 17	11 ⁰ 45	29 ⁰ 3	10 ⁰ 3	7 ⁰ 59	21 ⁰ 27	0 ⁰ 52	25 ⁰ 47	13 ⁰ 22	29 ⁰ 28	28 ⁰ 42	20 ⁰ 18	23 ⁰ 54		
S 4	15 20 52	21 ⁰ 30'30	16 ⁰ 19	13 ⁰ 8	0 ⁰ ≈12	10 ⁰ 48	8 ⁰ 10	21 ⁰ 34	0 ⁰ 51	25 ⁰ 49	13 ⁰ 23	29 ⁰ 25	28 ⁰ 39	20 ⁰ 25	23 ⁰ 56		
S 5	15 24 49	22 ⁰ 28'09	29 ⁰ 0	14 ⁰ 27	1 ⁰ 22	11 ⁰ 34	8 ⁰ 21	21 ⁰ 41	0 ⁰ 51	25 ⁰ 50	13 ⁰ 25	29 ⁰ 23	28 ⁰ 35	20 ⁰ 32	23 ⁰ 58		
M 6	15 28 45	23 ⁰ 25'47	11 ⁰ ≈22	15 ⁰ 42	2 ⁰ 31	12 ⁰ 19	8 ⁰ 32	21 ⁰ 48	0 ⁰ 50	25 ⁰ 52	13 ⁰ 26	29 ⁰ 21	28 ⁰ 32	20 ⁰ 38	24 ⁰ 1		
T 7	15 32 42	24 ⁰ 23'24	23 ⁰ 29	16 ⁰ 54	3 ⁰ 40	13 ⁰ 4	8 ⁰ 43	21 ⁰ 55	0 ⁰ 50	25 ⁰ 54	13 ⁰ 27	29 ⁰ D21	28 ⁰ 29	20 ⁰ 45	24 ⁰ 3		
W 8	15 36 38	25 ⁰ 21'00	5 ^X 25	18 ⁰ 2	4 ⁰ 49	13 ⁰ 49	8 ⁰ 55	22 ⁰ 2	0 ⁰ 49	25 ⁰ 56	13 ⁰ 29	29 ⁰ 21	28 ⁰ 26	20 ⁰ 52	24 ⁰ 6		
T 9	15 40 35	26 ⁰ 18'35	17 ⁰ 16	19 ⁰ 6	5 ⁰ 58	14 ⁰ 34	9 ⁰ 6	22 ⁰ 9	0 ⁰ 49	25 ⁰ 58	13 ⁰ 30	29 ⁰ 22	28 ⁰ 23	20 ⁰ 58	24 ⁰ 9		
F 10	15 44 31	27 ⁰ 16'09	29 ⁰ 6	20 ⁰ 6	7 ⁰ 7	15 ⁰ 20	9 ⁰ 17	22 ⁰ 15	0 ⁰ 48	26 ⁰ 0	13 ⁰ 31	29 ⁰ 24	28 ⁰ 20	21 ⁰ 5	24 ⁰ 11		
S 11	15 48 28	28 ⁰ 13'42	10 ⁰ Y59	21 ⁰ 3	8 ⁰ 15	16 ⁰ 5	9 ⁰ 29	22 ⁰ 22	0 ⁰ 48	26 ⁰ 2	13 ⁰ 33	29 ⁰ 26	28 ⁰ 16	21 ⁰ 12	24 ⁰ 14		
S 12	15 52 25	29 ⁰ 11'14	23 ⁰ 1	21 ⁰ 55	9 ⁰ 24	16 ⁰ 50	9 ⁰ 41	22 ⁰ 29	0 ⁰ 47	26 ⁰ 4	13 ⁰ 34	29 ⁰ 27	28 ⁰ 13	21 ⁰ 18	24 ⁰ 17		
M13	15 56 21	0 ^{II} 8'45	5 ⁸ 13	22 ⁰ 43	10 ⁰ 32	17 ⁰ 35	9 ⁰ 52	22 ⁰ 35	0 ⁰ 46	26 ⁰ 6	13 ⁰ 35	29 ⁰ R27	28 ⁰ 10	21 ⁰ 25	24 ⁰ 21		
T 14	16 0 18	1 ⁰ 6'15	17 ⁰ 40	23 ⁰ 28	11 ⁰ 40	18 ⁰ 19	10 ⁰ 4	22 ⁰ 42	0 ⁰ 45	26 ⁰ 8	13 ⁰ 37	29 ⁰ 25	28 ⁰ 7	21 ⁰ 32	24 ⁰ 24		
W15	16 4 14	2 ⁰ 3'44	0 ^{II} 21	24 ⁰ 8	12 ⁰ 49	19 ⁰ 4	10 ⁰ 16	22 ⁰ 49	0 ⁰ 45	26 ⁰ 11	13 ⁰ 38	29 ⁰ 22	28 ⁰ 4	21 ⁰ 38	24 ⁰ 27		
T 16	16 8 11	3 ⁰ 1'13	13 ⁰ 19	24 ⁰ 44	13 ⁰ 57	19 ⁰ 49	10 ⁰ 28	22 ⁰ 55	0 ⁰ 44	26 ⁰ 13	13 ⁰ 39	29 ⁰ 18	28 ⁰ 1	21 ⁰ 45	24 ⁰ 31		
F 17	16 12 7	3 ⁰ 58'40	26 ⁰ 32	25 ⁰ 15	15 ⁰ 5	20 ⁰ 34	10 ⁰ 40	23 ⁰ 1	0 ⁰ 43	26 ⁰ 15	13 ⁰ 41	29 ⁰ 13	27 ⁰ 57	21 ⁰ 52	24 ⁰ 34		
S 18	16 16 4	4 ⁰ 56'06	10 ⁰ ≈0	25 ⁰ 42	16 ⁰ 12	21 ⁰ 18	10 ⁰ 52	23 ⁰ 8	0 ⁰ 42	26 ⁰ 17	13 ⁰ 42	29 ⁰ 7	27 ⁰ 54	21 ⁰ 58	24 ⁰ 38		
S 19	16 20 1	5 ⁰ 53'31	23 ⁰ 40	26 ⁰ 5	17 ⁰ 20	22 ⁰ 3	11 ⁰ 4	23 ⁰ 14	0 ⁰ 41	26 ⁰ 19	13 ⁰ 44	29 ⁰ 2	27 ⁰ 51	22 ⁰ 5	24 ⁰ 42		
M20	16 23 57	6 ⁰ 50'55	7 ⁰ 31	26 ⁰ 23	18 ⁰ 27	22 ⁰ 48	11 ⁰ 16	23 ⁰ 20	0 ⁰ 40	26 ⁰ 21	13 ⁰ 45	28 ⁰ 58	27 ⁰ 48	22 ⁰ 12	24 ⁰ 46		
T 21	16 27 54	7 ⁰ 48'18	21 ⁰ 30	26 ⁰ 36	19 ⁰ 35	23 ⁰ 32	11 ⁰ 28	23 ⁰ 27	0 ⁰ 39	26 ⁰ 23	13 ⁰ 46	28 ⁰ 55	27 ⁰ 45	22 ⁰ 18	24 ⁰ 50		
W22	16 31 50	8 ⁰ 45'40	5 ^{II} 36	26 ⁰ 45	20 ⁰ 42	24 ⁰ 17	11 ⁰ 40	23 ⁰ 33	0 ⁰ 37	26 ⁰ 25	13 ⁰ 48	28 ⁰ D54	27 ⁰ 41	22 ⁰ 25	24 ⁰ 54		
T 23	16 35 47	9 ⁰ 43'00	19 ⁰ 46	26 ⁰ R49	21 ⁰ 49	25 ⁰ 1	11 ⁰ 52	23 ⁰ 39	0 ⁰ 36	26 ⁰ 27	13 ⁰ 49	28 ⁰ 54	27 ⁰ 38	22 ⁰ 32	24 ⁰ 58		
F 24	16 39 43	10 ⁰ 40'20	4 ⁰ 0	26 ⁰ 49	22 ⁰ 56	25 ⁰ 45	12 ⁰ 5	23 ⁰ 45	0 ⁰ 35	26 ⁰ 30	13 ⁰ 51	28 ⁰ 55	27 ⁰ 35	22 ⁰ 38	25 ⁰ 2		
S 25	16 43 40	11 ⁰ 37'38	18 ⁰ 15	26 ⁰ 44	24 ⁰ 2	26 ⁰ 29	12 ⁰ 17	23 ⁰ 51	0 ⁰ 34	26 ⁰ 32	13 ⁰ 52	28 ⁰ 56	27 ⁰ 32	22 ⁰ 45	25 ⁰ 7		
S 26	16 47 36	12 ⁰ 34'56	2 ^{III} 29	26 ⁰ 35	25 ⁰ 9	27 ⁰ 14	12 ⁰ 30	23 ⁰ 57	0 ⁰ 32	26 ⁰ 34	13 ⁰ 53	28 ⁰ R57	27 ⁰ 29	22 ⁰ 52	25 ⁰ 11		
M27	16 51 33	13 ⁰ 32'12	16 ⁰ 38	26 ⁰ 22	26 ⁰ 15	27 ⁰ 58	12 ⁰ 42	24 ⁰ 3	0 ⁰ 31	26 ⁰ 36	13 ⁰ 55	28 ⁰ 55	27 ⁰ 26	22 ⁰ 58	25 ⁰ 15		
T 28	16 55 30	14 ⁰ 29'28	0 ^X 40	26 ⁰ 4	27 ⁰ 21	28 ⁰ 42	12 ⁰ 55	24 ⁰ 9	0 ⁰ 30	26 ⁰ 38	13 ⁰ 56	28 ⁰ 52	27 ⁰ 22	23 ⁰ 5	25 ⁰ 20		
W29	16 59 26	15 ⁰ 26'44	14 ⁰ 30	25 ⁰ 43	28 ⁰ 27	29 ⁰ 26	13 ⁰ 7	24 ⁰ 14	0 ⁰ 28	26 ⁰ 41	13 ⁰ 58	28 ⁰ 47	27 ⁰ 19	23 ⁰ 12	25 ⁰ 25		
T 30	17 3 23	16 ⁰ 23'58	28 ⁰ 4	25 ⁰ 19	29 ⁰ 33	0 ^X 10	13 ⁰ 20	24 ⁰ 20	0 ⁰ 27	26 ⁰ 43	13 ⁰ 59	28 ⁰ 40	27 ⁰ 16	23 ⁰ 18	25 ⁰ 30		
F 31	17 7 19	17 ⁰ 12'12	11 ⁰ ≈21	24 ⁰ II52	0 ^{II} 39	0 ^X 54	13 ⁰ ≈32	24 ⁰ Y26	0 ⁰ ≈25	26 ⁰ II45	14 ⁰ II 1	28 ⁰ Y32	27 ⁰ Y13	23 ⁰ X25	25 ⁰ 034		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
W 1	17n25	24s28	3s 8	24n10	2n21	25n32	2n 3	2n20	1s10	23n32	0n14	6n11	2s18	20s35	0s34	22n21	1s 6	14n19	8s13	11n21	11n 5	6s54	8n13	5s43
T 2	17 41	27 10	4 3	24 25	2 23	25 35	2 5	2 38	1 9	23 32	0 14	6 13	2 18	20 35	0 34	22 21	1 6	14 19	8 13	11 20	11 4	6 51	8 13	5 42
F 3	17 57	28 11	4 43	24 38	2 23	25 37	2 6	2 56	1 9	23 31	0 14	6 16	2 18	20 36	0 34	22 21	1 6	14 19	8 13	11 19	11 3	6 48	8 13	5 42
S 4	18 12	27 35	5 7	24 48	2 23	25 39	2 8	3 14	1 9	23 30	0 15	6 18	2 18	20 36	0 34	22 21	1 6	14 20	8 13	11 18	11 2	6 44	8 13	5 41
S 5	18 27	25 33	5 15	24 57	2 21	25 40	2 9	3 32	1 9	23 30	0 15	6 21	2 18	20 36	0 35	22 21	1 6	14 20	8 13	11 17	11 1	6 41	8 13	5 40
M 6	18 42	22 21	5 8	25 3	2 19	25 40	2 10	3 50	1 8	23 29	0 15	6 23	2 18	20 36	0 35	22 21	1 6	14 20	8 13	11 17	10 59	6 38	8 13	5 39
T 7	18 56	18 15	4 47	25 8	2 16	25 40	2 12	4 8	1 8	23 29	0 15	6 26	2 18	20 36	0 35	22 21	1 6	14 20	8 13	11 17	10 58	6 35	8 13	5 38
W 8	19 10	13 30	4 15	25 11	2 13	25 38	2 13	4 26	1 8	23 28	0 15	6 28	2 18	20 36	0 35	22 21	1 6	14 21	8 12	11 17	10 57	6 31	8 13	5 37
T 9	19 23	8 17	3 31	25 11	2 8	25 37	2 14	4 44	1 8	23 27	0 15	6 31	2 18	20 36	0 35	22 21	1 6	14 21	8 12	11 17	10 56	6 28	8 13	5 37
F 10	19 37	2 47	2 39	25 11	2 2	25 34	2 15	5 1	1 7	23 26	0 15	6 33	2 19	20 37	0 35	22 22	1 6	14 21	8 12	11 18	10 55	6 25	8 13	5 36
S 11	19 50	2n50	1 40	25 8	1 56	25 31	2 16	5 19	1 7	23 26	0 15	6 35	2 19	20 37	0 35	22 22	1 6	14 21	8 12	11 18	10 54	6 21	8 13	5 35
S 12	20 3	8 26	0 35	25 4	1 48	25 27	2 16	5 36	1 7	23 25	0 15	6 38	2 19	20 37	0 35	22 22	1 6	14 22	8 12	11 19	10 53	6 18	8 13	5 34
M13	20 15	13 48	0n32	24 59	1 40	25 22	2 17	5 54	1 6	23 24	0 15	6 40	2 19	20 37	0 35	22 22	1 6	14 22	8 12	11 19	10 51	6 15	8 12	5 33
T 14	20 27	18 43	1 38	24 52	1 31	25 17	2 18	6 11	1 6	23 23	0 15	6 42	2 19	20 37	0 35	22 22	1 6	14 22	8 12	11 18	10 50	6 11	8 12	5 33
W15	20 39	22 55	2 41	24 44	1 21	25 11	2 18	6 29	1 6	23 22	0 15	6 45	2 19	20 37	0 35	22 22	1 6	14 22	8 12	11 17	10 49	6 8	8 12	5 32
T 16	20 50	26 3	3 37	24 35	1 10	25 5	2 18	6 46	1 5	23 22	0 15	6 47	2 19	20 38	0 35	22 22	1 6	14 23	8 12	11 16				

SWISS EPHEMERIS for the year 1409

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	17 11 16	18II18'26	24☾19	24°R22	1♁44	1♁37	13♁45	24♁31	0°R24	26II47	14II 2	28°R23	27♁10	23♁32	25♁39
S 2	17 15 12	19°15'40	6♁57	23II50	2°49	2°21	13°58	24°37	0♁22	26°49	14° 3	28°V16	27° 7	23°38	25°45
M 3	17 19 9	20°12'53	19°19	23°17	3°54	3° 5	14°10	24°42	0°20	26°52	14° 5	28°10	27° 3	23°45	25°50
T 4	17 23 5	21°10'06	1♁26	22°43	4°59	3°49	14°23	24°48	0°19	26°54	14° 6	28° 6	27° 0	23°52	25°55
W 5	17 27 2	22° 7'18	13°22	22° 8	6° 4	4°32	14°36	24°53	0°17	26°56	14° 8	28° 4	26°57	23°58	26° 0
T 6	17 30 59	23° 4'31	25°13	21°33	7° 8	5°16	14°49	24°58	0°15	26°58	14° 9	28°D 3	26°54	24° 5	26° 6
F 7	17 34 55	24° 1'43	7♁ 3	21° 0	8°12	5°59	15° 2	25° 3	0°14	27° 1	14°10	28° 4	26°51	24°12	26°11
S 8	17 38 52	24°58'56	18°58	20°27	9°16	6°42	15°15	25° 9	0°12	27° 3	14°12	28° 5	26°47	24°18	26°17
S 9	17 42 48	25°56'08	1♁ 2	19°57	10°20	7°26	15°28	25°14	0°10	27° 5	14°13	28°R 5	26°44	24°25	26°22
M10	17 46 45	26°53'20	13°21	19°29	11°23	8° 9	15°41	25°19	0° 8	27° 7	14°15	28° 4	26°41	24°32	26°28
T 11	17 50 41	27°50'33	25°58	19° 4	12°27	8°52	15°54	25°23	0° 6	27° 9	14°16	28° 0	26°38	24°38	26°34
W12	17 54 38	28°47'45	8II54	18°42	13°30	9°35	16° 7	25°28	0° 4	27°12	14°17	27°55	26°35	24°45	26°40
T 13	17 58 34	29°44'58	22°12	18°25	14°32	10°18	16°20	25°33	0° 2	27°14	14°19	27°47	26°32	24°52	26°45
F 14	18 2 31	0♁42'10	5♁49	18°11	15°35	11° 1	16°33	25°38	0° 0	27°16	14°20	27°37	26°28	24°58	26°51
S 15	18 6 28	1°39'23	19°43	18° 2	16°37	11°44	16°46	25°42	29☾58	27°18	14°21	27°27	26°25	25° 5	26°58
S 16	18 10 24	2°36'35	3♁49	17°D57	17°39	12°27	16°59	25°47	29°56	27°21	14°23	27°18	26°22	25°12	27° 4
M17	18 14 21	3°33'47	18° 3	17°57	18°40	13°10	17°12	25°51	29°54	27°23	14°24	27° 9	26°19	25°18	27°10
T 18	18 18 17	4°30'59	2♁20	18° 2	19°42	13°52	17°25	25°55	29°52	27°25	14°25	27° 3	26°16	25°25	27°16
W19	18 22 14	5°28'10	16°36	18°12	20°43	14°35	17°39	26° 0	29°50	27°27	14°27	27° 0	26°13	25°32	27°23
T 20	18 26 10	6°25'22	0♁48	18°27	21°43	15°17	17°52	26° 4	29°48	27°30	14°28	26°D59	26° 9	25°38	27°29
F 21	18 30 7	7°22'33	14°55	18°47	22°43	16° 0	18° 5	26° 8	29°46	27°32	14°29	26°59	26° 6	25°45	27°36
S 22	18 34 3	8°19'44	28°55	19°12	23°43	16°42	18°18	26°12	29°44	27°34	14°31	26°R59	26° 3	25°52	27°42
S 23	18 38 0	9°16'54	12III48	19°43	24°43	17°24	18°32	26°16	29°42	27°36	14°32	26°58	26° 0	25°58	27°49
M24	18 41 57	10°14'05	26°33	20°18	25°42	18° 7	18°45	26°20	29°39	27°38	14°33	26°55	25°57	26° 5	27°55
T 25	18 45 53	11°11'16	10♁10	20°59	26°41	18°49	18°58	26°23	29°37	27°41	14°35	26°50	25°53	26°12	28° 2
W26	18 49 50	12° 8'27	23°36	21°45	27°39	19°31	19°11	26°27	29°35	27°43	14°36	26°41	25°50	26°18	28° 9
T 27	18 53 46	13° 5'39	6☾50	22°36	28°38	20°13	19°25	26°31	29°33	27°45	14°37	26°31	25°47	26°25	28°16
F 28	18 57 43	14° 2'50	19°50	23°31	29°35	20°55	19°38	26°34	29°30	27°47	14°38	26°19	25°44	26°32	28°23
S 29	19 1 39	15° 0'03	2♁36	24°32	0♁32	21°36	19°51	26°37	29°28	27°49	14°40	26° 6	25°41	26°38	28°30
S 30	19 5 36	15♁57'15	15♁ 6	25II37	1♁29	22♁18	20♁ 5	26♁41	29☾26	27II51	14II41	25♁55	25♁38	26♁45	28♁37

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	23n 0	26s21	5s 6	20n30	2s54	21n56	2n 9	11n10	0s59	23n 5	0n17	7n20	2s22	20s43	0s35	22n23	1s 6	14n26	8s11	10n56	10n30	5s12	8n 0	5s19
S 2	23 5	23 29	5 3	20 13	3 9	21 40	2 8	11 25	0 58	23 4	0 17	7 22	2 22	20 43	0 35	22 23	1 6	14 26	8 11	10 54	10 29	5 9	7 59	5 18
M 3	23 9	19 37	4 47	19 58	3 24	21 23	2 6	11 41	0 58	23 2	0 17	7 24	2 22	20 43	0 35	22 23	1 5	14 26	8 11	10 51	10 27	5 5	7 58	5 18
T 4	23 13	15 0	4 17	19 43	3 37	21 6	2 4	11 56	0 57	23 1	0 17	7 25	2 23	20 44	0 35	22 23	1 5	14 27	8 11	10 50	10 26	5 2	7 57	5 17
W 5	23 17	9 53	3 37	19 29	3 49	20 48	2 2	12 11	0 57	23 0	0 17	7 27	2 23	20 44	0 35	22 24	1 5	14 27	8 11	10 49	10 25	4 59	7 56	5 16
T 6	23 20	4 28	2 47	19 16	4 0	20 29	2 0	12 26	0 56	22 58	0 17	7 29	2 23	20 44	0 36	22 24	1 5	14 27	8 11	10 49	10 24	4 55	7 55	5 15
F 7	23 23	1n 7	1 50	19 4	4 9	20 10	1 58	12 41	0 56	22 57	0 17	7 31	2 23	20 45	0 36	22 24	1 5	14 27	8 11	10 49	10 23	4 52	7 54	5 15
S 8	23 25	6 42	0 49	18 54	4 17	19 51	1 56	12 56	0 55	22 56	0 17	7 32	2 23	20 45	0 36	22 24	1 5	14 27	8 11	10 50	10 22	4 49	7 52	5 14
S 9	23 27	12 7	0n16	18 45	4 24	19 32	1 53	13 11	0 55	22 54	0 17	7 34	2 24	20 46	0 36	22 24	1 5	14 27	8 11	10 50	10 21	4 45	7 51	5 13
M10	23 29	17 11	1 21	18 38	4 29	19 12	1 51	13 25	0 54	22 53	0 17	7 35	2 24	20 46	0 36	22 24	1 5	14 28	8 11	10 49	10 19	4 42	7 50	5 13
T 11	23 30	21 38	2 23	18 32	4 33	18 51	1 48	13 40	0 53	22 51	0 17	7 37	2 24	20 47	0 36	22 24	1 5	14 28	8 11	10 48	10 18	4 39	7 48	5 12
W12	23 31	25 9	3 20	18 28	4 35	18 30	1 45	13 54	0 53	22 50	0 17	7 39	2 24	20 47	0 36	22 24	1 5	14 28	8 11	10 46	10 17	4 35	7 47	5 11
T 13	23 31	27 24	4 7	18 26	4 36	18 9	1 42	14 8	0 52	22 48	0 18	7 40	2 24	20 47	0 36	22 24	1 5	14 28	8 11	10 43	10 16	4 32	7 46	5 11
F 14	23 31	28 5	4 42	18 25	4 35	17 48	1 39	14 22	0 52	22 47	0 18	7 42	2 25	20 48	0 36	22 24	1 5	14 28	8 11	10 40	10 15	4 28	7 44	5 10
S 15	23 30	27 1	5 0	18 27	4 33	17 26	1 36	14 36	0 51	22 45	0 18	7 43	2 25	20 48	0 36	22 24	1 5	14 28	8 11	10 36	10 14	4 25	7 43	5 9
S 16	23 30	24 14	5 1	18 29	4 30	17 3	1 32	14 49	0 51	22 44	0 18	7 44	2 25	20 49	0 36	22 24	1 5	14 28	8 11	10 33	10 12	4 22	7 41	5 9
M17	23 28	19 58	4 43	18 34	4 25	16 41	1 29	15 3	0 50	22 42	0 18	7 46	2 25	20 49	0 36	22 24	1 5	14 29	8 11	10 30	10 11	4 18	7 40	5 8
T 18	23 26	14 32	4 8	18 40	4 20	16 18	1 25	15 16	0 49	22 41	0 18	7 47	2 26	20 50	0 36	22 24	1 5	14 29	8 11	10 27	10 10	4 15	7 38	5 8
W19	23 24	8 20	3 17	18 48	4 13	15 55	1 21	15 29	0 49	22 39	0 18	7 49	2 26	20 50	0 36	22 24	1 5	14 29	8 11	10 26	10 9	4 12	7 37	5 7
T 20	23 22	1 44	2 14	18 57	4 5	15 32	1 17	15 42	0 48	22 37	0 18	7 50	2 26	20 51	0 36	22 24	1 5	14 29	8 11	10 26	10 8	4 8	7 35	5 6
F 21	23 19	4s55	1 4	19 7	3 56	15 8	1 13	15 55	0 48	22 36	0 18	7 51	2 26	20 51	0 36	22 24	1 5	14 29	8 11	10 26	10 7	4 5	7 34	5 6
S 22	23 15	11 17	0s10	19 19	3 47	14 44	1 9	16 8	0 47	22 34	0 18	7 52	2 26	20 52	0 36	22 24	1 5	14 29	8 11	10 26	10 6	4 2	7 32	5 5
S 23	23 12	17 3	1 23	19 31	3 36	14 20	1 4	16 21	0 46	22 32	0 18	7 53	2 27	20 52	0 36	22 24	1 5	14 29	8 11	10 26	10 4	3 58	7 30	5 5
M24	23 7 21	53 2	30 19	45 3	25 13	56 0	59 16	33 0	46 22	30 0	18 7	55 2	27 20	52 0	36 22	24 1	5 14	29 8	11 10	24 10	3 3	55 7	28 5	4
T 25	23 3 25	28 3	28 19	59 3	14 13	31 0	55 16	45 0	45 22	29 0	19 7	56 2	27 20	53 0	36 22	25 1	5 14	30 8	11 10	22 10	2 3	52 7	27 5	3
W26	22 58	27 34	4 13	20 14	3 2	13 6	0 50	16 57	0 44	22 27	0 19	7 57	2 27	20 53	0 36	22 25	1 5	14 30	8 11	10 19	10 1	3 48	7 25	5 3
T 27	22 52	28 4	4 43	20 30	2 49	12 41	0 45	17 9	0 44	22 25	0 19	7 58	2 28	20 54	0 36	22 25	1 5	14 30	8 11	10 16	10 0	3 45	7 23	5 2
F 28	22 46	26 58	4 59	20 45	2 36	12 16	0 39	17 21	0 43	22 23	0 19	7 59	2 28	20 54	0 36	22 25	1 5	14 30	8 11	10 11	9 59	3 41	7 21	5 2
S 29	22 40	24 29	4 59	21 1	2 23	11 51	0 34	17 33	0 42	22 21	0 19	8 0	2 28	2										

SWISS EPHEMERIS for the year 1409

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Day	Sid.t	☉	☽	♀	♂	♂	♄	♃	♁	♁	♁	♁	♁	♁	♁
M 1	19 9 33	16°54'28	27°22	26°47	27°25	23°0	20°18	26°44	29°R23	27°54	14°42	25°R45	25°Y34	26°X52	28°Q44
T 2	19 13 29	17°51'42	9°H25	28° 2	3°21	23°41	20°31	26°47	29°Z21	27°56	14°43	25°Y37	25°31	26°58	28°51
W 3	19 17 26	18°48'56	21°20	29°21	4°16	24°23	20°45	26°50	29°19	27°58	14°45	25°32	25°28	27° 5	28°58
T 4	19 21 22	19°46'11	3°Y 9	0°E45	5°11	25° 4	20°58	26°53	29°16	28° 0	14°46	25°30	25°25	27°12	29° 5
F 5	19 25 19	20°43'27	14°58	2°13	6° 5	25°45	21°11	26°56	29°14	28° 2	14°47	25°29	25°22	27°18	29°13
S 6	19 29 15	21°40'44	26°53	3°46	6°59	26°27	21°25	26°59	29°12	28° 4	14°48	25°29	25°19	27°25	29°20
S 7	19 33 12	22°38'02	8°S57	5°22	7°52	27° 8	21°38	27° 1	29° 9	28° 6	14°49	25°29	25°15	27°32	29°28
M 8	19 37 8	23°35'20	21°18	7° 3	8°45	27°49	21°51	27° 4	29° 7	28° 8	14°50	25°27	25°12	27°38	29°35
T 9	19 41 5	24°32'40	3°II59	8°47	9°37	28°30	22° 5	27° 6	29° 5	28°10	14°52	25°23	25° 9	27°45	29°43
W10	19 45 2	25°30'01	17° 4	10°34	10°28	29°11	22°18	27° 8	29° 2	28°12	14°53	25°17	25° 6	27°52	29°50
T 11	19 48 58	26°27'22	0°E35	12°25	11°19	29°52	22°31	27°11	29° 0	28°14	14°54	25° 8	25° 3	27°58	29°58
F 12	19 52 55	27°24'45	14°29	14°18	12° 9	0°II32	22°45	27°13	28°57	28°16	14°55	24°57	24°59	28° 5	0°m 5
S 13	19 56 51	28°22'09	28°45	16°15	12°58	1°13	22°58	27°15	28°55	28°18	14°56	24°45	24°56	28°12	0°13
S 14	20 0 48	29°19'33	13°Q16	18°13	13°47	1°53	23°11	27°17	28°53	28°20	14°57	24°34	24°53	28°18	0°21
M15	20 4 44	0°Q16'58	27°56	20°13	14°35	2°34	23°25	27°19	28°50	28°22	14°58	24°25	24°50	28°25	0°29
T 16	20 8 41	1°14'24	12°m36	22°15	15°22	3°14	23°38	27°20	28°48	28°24	14°59	24°18	24°47	28°32	0°36
W17	20 12 37	2°11'50	27°10	24°18	16° 9	3°54	23°51	27°22	28°45	28°26	15° 0	24°13	24°44	28°38	0°44
T 18	20 16 34	3° 9'17	11°E35	26°22	16°54	4°35	24° 4	27°24	28°43	28°28	15° 1	24°11	24°40	28°45	0°52
F 19	20 20 31	4° 6'45	25°46	28°26	17°39	5°15	24°18	27°25	28°41	28°30	15° 2	24°D11	24°37	28°52	1° 0
S 20	20 24 27	5° 4'13	9°m42	0°Q31	18°22	5°55	24°31	27°26	28°38	28°32	15° 3	24°R11	24°34	28°58	1° 8
S 21	20 28 24	6° 1'43	23°25	2°35	19° 5	6°34	24°44	27°28	28°36	28°34	15° 4	24°10	24°31	29° 5	1°16
M22	20 32 20	6°59'13	6°X54	4°40	19°47	7°14	24°57	27°29	28°33	28°36	15° 5	24° 7	24°28	29°12	1°24
T 23	20 36 17	7°56'44	20°11	6°43	20°28	7°54	25°10	27°30	28°31	28°37	15° 6	24° 2	24°25	29°18	1°32
W24	20 40 13	8°54'16	3°S15	8°46	21° 8	8°33	25°24	27°31	28°29	28°39	15° 7	23°54	24°21	29°25	1°40
T 25	20 44 10	9°51'49	16° 8	10°49	21°46	9°13	25°37	27°31	28°26	28°41	15° 8	23°43	24°18	29°32	1°48
F 26	20 48 6	10°49'23	28°49	12°50	22°24	9°52	25°50	27°32	28°24	28°43	15° 9	23°31	24°15	29°38	1°57
S 27	20 52 3	11°46'59	11°S19	14°50	23° 0	10°31	26° 3	27°33	28°22	28°45	15° 9	23°19	24°12	29°45	2° 5
S 28	20 56 0	12°44'35	23°37	16°49	23°35	11°10	26°16	27°33	28°19	28°46	15°10	23° 7	24° 9	29°52	2°13
M29	20 59 56	13°42'13	5°H44	18°46	24° 9	11°49	26°29	27°34	28°17	28°48	15°11	22°57	24° 5	29°58	2°21
T 30	21 3 53	14°39'52	17°41	20°43	24°41	12°28	26°42	27°34	28°15	28°50	15°12	22°49	24° 2	0°Y 5	2°29
W31	21 7 49	15°Q37'32	29°H32	22°Q38	25°m12	13°II 7	26°E55	27°Y34	28°S13	28°II51	15°II13	22°Y44	23°Y59	0°Y12	2°m38

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	22n27	16s27	4s17	21n33	1s56	11n 0	0n23	17n55	0s41	22n18	0n19	8n 2	2s29	20s56	0s36	22n25	1s 5	14n30	8s11	9n59	9n55	3s31	7n16	5s 0
T 2	22 19	11 26	3 38	21 48	1 42	10 35	0 17	18 6	0 40	22 16	0 19	8 3	2 29	20 56	0 36	22 25	1 5	14 30	8 11	9 56	9 54	3 28	7 14	5 0
W 3	22 12	6 3	2 50	22 3	1 28	10 9	0 11	18 17	0 39	22 14	0 19	8 4	2 29	20 57	0 36	22 25	1 5	14 30	8 11	9 54	9 53	3 25	7 12	4 59
T 4	22 3	0 30	1 55	22 17	1 14	9 43	0 5	18 28	0 39	22 12	0 19	8 4	2 29	20 57	0 36	22 25	1 5	14 30	8 11	9 54	9 52	3 21	7 10	4 59
F 5	21 55	5n 4	0 55	22 30	1 0	9 17	0s 1	18 39	0 38	22 10	0 19	8 5	2 30	20 58	0 36	22 25	1 5	14 30	8 11	9 53	9 50	3 18	7 8	4 58
S 6	21 46	10 30	0n 7	22 41	0 47	8 51	0 8	18 49	0 37	22 8	0 20	8 6	2 30	20 58	0 36	22 25	1 5	14 30	8 11	9 53	9 49	3 15	7 6	4 58
S 7	21 37	15 39	1 11	22 51	0 33	8 25	0 14	18 59	0 37	22 6	0 20	8 7	2 30	20 59	0 36	22 25	1 5	14 31	8 12	9 53	9 48	3 11	7 3	4 57
M 8	21 27	20 16	2 12	23 0	0 20	7 59	0 21	19 9	0 36	22 4	0 20	8 7	2 30	20 59	0 36	22 25	1 5	14 31	8 12	9 52	9 47	3 8	7 1	4 57
T 9	21 17	24 6	3 9	23 6	0 8	7 33	0 28	19 19	0 35	22 0	0 20	8 8	2 31	21 0	0 36	22 25	1 5	14 31	8 12	9 51	9 46	3 4	6 59	4 56
W10	21 7	26 49	3 57	23 10	0n 5	7 7	0 35	19 29	0 34	22 0	0 20	8 8	2 31	21 0	0 36	22 25	1 5	14 31	8 12	9 49	9 45	3 1	6 57	4 56
T 11	20 56	28 5	4 34	23 13	0 16	6 41	0 42	19 38	0 34	21 57	0 20	8 9	2 31	21 1	0 36	22 25	1 5	14 31	8 12	9 45	9 44	2 58	6 55	4 55
F 12	20 45	27 37	4 56	23 12	0 28	6 15	0 50	19 48	0 33	21 55	0 20	8 10	2 31	21 1	0 36	22 25	1 5	14 31	8 12	9 41	9 42	2 54	6 53	4 55
S 13	20 33	25 22	5 0	23 10	0 38	5 49	0 57	19 57	0 32	21 53	0 20	8 10	2 32	21 2	0 36	22 25	1 5	14 31	8 12	9 37	9 41	2 51	6 50	4 54
S 14	20 22	21 26	4 45	23 4	0 48	5 24	1 5	20 6	0 31	21 51	0 20	8 10	2 32	21 2	0 36	22 25	1 5	14 31	8 12	9 33	9 40	2 47	6 48	4 54
M15	20 9	16 9	4 11	22 56	0 57	4 58	1 13	20 15	0 30	21 49	0 20	8 11	2 32	21 3	0 36	22 25	1 5	14 31	8 12	9 30	9 39	2 44	6 46	4 53
T 16	19 57	9 57	3 21	22 45	1 6	4 32	1 21	20 23	0 30	21 47	0 20	8 11	2 33	21 3	0 36	22 25	1 5	14 31	8 12	9 27	9 38	2 41	6 43	4 53
W17	19 44	3 14	2 18	22 32	1 13	4 7	1 29	20 32	0 29	21 45	0 21	8 12	2 33	21 4	0 36	22 25	1 5	14 31	8 12	9 25	9 37	2 37	6 41	4 53
T 18	19 31	3s35	1 6	22 16	1 20	3 41	1 38	20 40	0 28	21 42	0 21	8 12	2 33	21 4	0 36	22 25	1 5	14 31	8 12	9 25	9 35	2 34	6 39	4 52
F 19	19 18	10 7	0s 8	21 57	1 26	3 16	1 46	20 48	0 27	21 40	0 21	8 12	2 33	21 5	0 36	22 25	1 5	14 31	8 13	9 25	9 34	2 31	6 36	4 52
S 20	19 4	16 3	1 21	21 36	1 32	2 51	1 55	20 56	0 26	21 38	0 21	8 12	2 34	21 5	0 36	22 25	1 5	14 31	8 13	9 25	9 33	2 27	6 34	4 51
S 21	18 50	21 5	2 28	21 12	1 36	2 26	2 4	21 3	0 26	21 36	0 21	8 13	2 34	21 6	0 36	22 25	1 6	14 31	8 13	9 24	9 32	2 24	6 31	4 51
M22	18 35	24 55	3 26	20 46	1 39	2 1	2 13	21 11	0 25	21 33	0 21	8 13	2 34	21 6	0 36	22 25	1 6	14 31	8 13	9 23	9 31	2 20	6 29	4 51
T 23	18 20	27 19	4 11	20 18	1 42	1 37	2 22	21 18	0 24	21 31	0 21	8 13	2 34	21 7	0 36	22 25	1 6	14 31	8 13	9 21	9 29	2 17	6 27	4 50
W24	18 5	28 11	4 42	19 48	1 44	1 12	2 32	21 25	0 23	21 29	0 21	8 13	2 35	21 7	0 36	22 25	1 6	14 31	8 13	9 18	9 28	2 14	6 24	4 50
T 25	17 50	27 29	4 59	19 16	1 46	0 49	2 41	21 32	0 21	21 26	0 21	8 13	2 35	21 8	0 36	22 25	1 6	14 31	8 13	9 14	9 27	2 10	6 22	4 49
F 26	17 35	25 21	5 0	18 43	1 46	0 25	2 51	21 39	0 21	21 24	0 21	8 13	2 35	21 8	0 36	22 25	1 6	14 31	8 13	9 10	9 26	2 7	6 19	4 49
S 27	17 19	22 2	4 47	18 8	1 46	0 2	3 1	21 46	0 20	21 22	0 22	8 13	2 36	21 9	0 36	22 25	1 6	14 31	8 13	9 5	9 25	2 3	6 16	4 49
S 28	17 2	17 47	4 20	17 31	1 45	0s21	3 10	21 52	0 20	21 19	0 22	8 13	2 36	21 9	0 36	22 25	1 6	14 31	8 13	9 1	9 24	2 0	6 14	4 48
M29	16 46	12 53	3 42	16 54	1 44	0 44	3 21	21																

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	21 11 46	16°13'51.14	11°17'20	24°03'1	25°17'42	13°11'46	27°08'8	27°R34	28°R10	28°11'53	15°11'14	22°R42	23°17'56	0°17'18	2°17'46		
F 2	21 15 42	17°32'58	23°8'8	26°24	26°10	14°25	27°21	27°17'34	28°11'8	28°55	15°14	22°D41	23°53	0°25	2°54		
S 3	21 19 39	18°30'43	5°1'1	28°15	26°36	15°3	27°34	27°34	28°6	28°56	15°15	22°17'42	23°50	0°32	3°3		
S 4	21 23 35	19°28'30	17°4	0°17'4	27°1	15°41	27°46	27°34	28°4	28°58	15°16	22°R42	23°46	0°38	3°11		
M 5	21 27 32	20°26'19	29°24	1°52	27°25	16°20	27°59	27°33	28°1	28°59	15°16	22°42	23°43	0°45	3°20		
T 6	21 31 29	21°24'10	12°11'4	3°39	27°46	16°58	28°12	27°33	27°59	29°1	15°17	22°40	23°40	0°51	3°28		
W 7	21 35 25	22°22'02	25°9	5°24	28°6	17°36	28°25	27°32	27°57	29°2	15°18	22°36	23°37	0°58	3°36		
T 8	21 39 22	23°19'56	8°54'2	7°8	28°24	18°14	28°37	27°32	27°55	29°4	15°18	22°29	23°34	1°5	3°45		
F 9	21 43 18	24°17'52	22°43	8°51	28°40	18°52	28°50	27°31	27°53	29°5	15°19	22°21	23°31	1°11	3°53		
S 10	21 47 15	25°15'50	7°01'10	10°32	28°54	19°30	29°3	27°30	27°51	29°7	15°20	22°12	23°27	1°18	4°2		
S 11	21 51 11	26°13'49	21°57	12°12	29°7	20°7	29°15	27°29	27°49	29°8	15°20	22°4	23°24	1°25	4°10		
M12	21 55 8	27°11'50	6°17'56	13°51	29°17	20°45	29°28	27°28	27°47	29°9	15°21	21°56	23°21	1°31	4°19		
T 13	21 59 4	28°9'52	21°58	15°29	29°25	21°22	29°40	27°27	27°45	29°11	15°21	21°51	23°18	1°38	4°27		
W14	22 3 1	29°7'56	6°53'13	17°5	29°31	21°59	29°53	27°25	27°43	29°12	15°22	21°48	23°15	1°45	4°36		
T 15	22 6 58	0°17'6'01	21°36	18°40	29°34	22°36	0°01'5	27°24	27°41	29°13	15°22	21°D47	23°11	1°51	4°44		
F 16	22 10 54	1°4'08	6°11'0	20°13	29°R36	23°13	0°17	27°23	27°39	29°15	15°23	21°48	23°8	1°58	4°53		
S 17	22 14 51	2°2'16	20°4	21°46	29°35	23°50	0°30	27°21	27°37	29°16	15°23	21°49	23°5	2°5	5°2		
S 18	22 18 47	3°0'26	3°17'47	23°17	29°31	24°27	0°42	27°19	27°36	29°17	15°24	21°R49	23°2	2°11	5°10		
M19	22 22 44	3°58'37	0°17'11	24°47	29°25	25°3	0°54	27°17	27°34	29°18	15°24	21°48	22°59	2°18	5°19		
T 20	22 26 40	4°56'50	17°11'16	26°15	29°17	25°40	1°6	27°15	27°32	29°19	15°25	21°45	22°56	2°25	5°27		
W21	22 30 37	5°55'04	13°7	27°43	29°7	26°16	1°18	27°13	27°30	29°21	15°25	21°41	22°52	2°31	5°36		
T 22	22 34 33	6°53'20	25°43	29°9	28°54	26°52	1°30	27°11	27°29	29°22	15°25	21°34	22°49	2°38	5°44		
F 23	22 38 30	7°51'37	8°11'8	0°13'4	28°39	27°28	1°42	27°9	27°27	29°23	15°26	21°26	22°46	2°45	5°53		
S 24	22 42 27	8°49'56	20°22	1°57	28°21	28°4	1°54	27°7	27°25	29°24	15°26	21°18	22°43	2°51	6°1		
S 25	22 46 23	9°48'17	2°11'27	3°19	28°1	28°40	2°6	27°5	27°24	29°25	15°26	21°11	22°40	2°58	6°10		
M26	22 50 20	10°46'39	14°25	4°40	27°39	29°15	2°17	27°2	27°22	29°26	15°26	21°5	22°37	3°5	6°19		
T 27	22 54 16	11°45'04	26°17	5°59	27°15	29°51	2°29	26°59	27°21	29°27	15°27	21°0	22°33	3°11	6°27		
W28	22 58 13	12°43'30	8°17'6	7°17	26°48	0°52'6	2°41	26°57	27°19	29°28	15°27	20°57	22°30	3°18	6°36		
T 29	23 2 9	13°41'58	19°52	8°33	26°20	1°1	2°52	26°54	27°18	29°29	15°27	20°D56	22°27	3°25	6°44		
F 30	23 6 6	14°40'29	1°8'41	9°48	25°50	1°36	3°4	26°51	27°16	29°29	15°27	20°57	22°24	3°31	6°53		
S 31	23 10 2	15°17'39'02	13°11'35	11°11	25°19	2°51	3°01'5	26°17'48	27°15	29°11'30	15°11'27	20°17'58	22°17'21	3°17'38	7°11		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
T 1	15n55	3n34	1s 0	14n55	1n37	1s49	3s52	22n16	0s16	21n10	0n22	8n12	2s37	21s11	0s36	22n25	1s 6	14n31	8s14	8n51	9n19	1s46	6n 3	4s47
F 2	15 37	9 3	0n 2	14 13	1 33	2 10	4 2	22 21	0 15	21 7	0 22	8 12	2 37	21 12	0 36	22 25	1 6	14 31	8 14	8 51	9 18	1 43	6 1	4 47
S 3	15 20	14 16	1 5	13 31	1 30	2 31	4 13	22 27	0 14	21 5	0 22	8 12	2 37	21 12	0 36	22 25	1 6	14 31	8 14	8 51	9 17	1 40	5 58	4 46
S 4	15 2 19	1 2	7 12	49 1 25	2 51	4 24	22 32	0 13	21 3	0 22	8 11	2 38	21 12	0 36	22 25	1 6	14 31	8 14	8 52	9 15	1 36	5 55	4 46	
M 5	14 43	23 4	3 3	12 6	1 21	3 10	4 35	22 37	0 12	21 0	0 23	8 11	2 38	21 13	0 36	22 25	1 6	14 31	8 14	8 51	9 14	1 33	5 53	4 46
T 6	14 25	26 9	3 52	11 23	1 16	3 29	4 46	22 41	0 11	20 58	0 23	8 10	2 38	21 13	0 36	22 25	1 6	14 31	8 14	8 51	9 13	1 29	5 50	4 46
W 7	14 6	27 57	4 31	10 39	1 10	3 47	4 57	22 46	0 10	20 55	0 23	8 10	2 38	21 14	0 36	22 25	1 6	14 31	8 15	8 49	9 12	1 26	5 47	4 45
T 8	13 47	28 10	4 57	9 55	1 5	4 4	5 8	22 50	0 9	20 53	0 23	8 10	2 39	21 14	0 36	22 25	1 6	14 30	8 15	8 47	9 11	1 23	5 44	4 45
F 9	13 28	26 37	5 5	9 11	0 59	4 21	5 19	22 55	0 8	20 50	0 23	8 9	2 39	21 15	0 36	22 25	1 6	14 30	8 15	8 44	9 10	1 19	5 42	4 45
S 10	13 9	23 18	4 55	8 27	0 52	4 36	5 30	22 59	0 7	20 48	0 23	8 8	2 39	21 15	0 36	22 25	1 6	14 30	8 15	8 40	9 8	1 16	5 39	4 44
S 11	12 49	18 25	4 25	7 43	0 46	4 52	5 41	23 2	0 6	20 45	0 23	8 8	2 39	21 15	0 36	22 25	1 6	14 30	8 15	8 37	9 7	1 12	5 36	4 44
M12	12 29	12 21	3 37	6 58	0 39	5 6	5 52	23 6	0 6	20 43	0 23	8 7	2 40	21 16	0 36	22 25	1 6	14 30	8 15	8 34	9 6	1 9	5 33	4 44
T 13	12 9	5 33	2 33	6 14	0 32	5 19	6 4	23 10	0 5	20 40	0 24	8 7	2 40	21 16	0 36	22 25	1 6	14 30	8 15	8 32	9 5	1 6	5 30	4 44
W14	11 49	1s32	1 19	5 30	0 25	5 32	6 15	23 13	0 4	20 38	0 24	8 6	2 40	21 16	0 36	22 25	1 6	14 30	8 15	8 31	9 4	1 2	5 27	4 43
T 15	11 28	8 26	0 1	4 46	0 17	5 43	6 26	23 16	0 2	20 35	0 24	8 5	2 41	21 17	0 36	22 25	1 6	14 30	8 16	8 31	9 2	0 59	5 24	4 43
F 16	11 8	14 46	1s16	4 4	0 10	5 54	6 36	23 19	0 1	20 33	0 24	8 4	2 41	21 17	0 36	22 25	1 6	14 30	8 16	8 31	9 1	0 55	5 22	4 43
S 17	10 47	20 10	2 26	3 19	0 2	6 3	6 47	23 22	0 0	20 30	0 24	8 4	2 41	21 18	0 36	22 25	1 6	14 30	8 16	8 32	9 0	0 52	5 19	4 43
S 18	10 26	24 22	3 27	2 36	0s 5	6 11	6 58	23 25	0n 1	20 28	0 24	8 3	2 41	21 18	0 36	22 25	1 6	14 30	8 16	8 32	8 59	0 49	5 16	4 43
M19	10 5	27 7	4 14	1 53	0 13	6 18	7 8	23 27	0 2	20 25	0 24	8 2	2 41	21 18	0 36	22 25	1 6	14 30	8 16	8 31	8 58	0 45	5 13	4 42
T 20	9 44	28 18	4 47	1 10	0 21	6 24	7 18	23 29	0 3	20 23	0 24	8 1	2 42	21 19	0 36	22 25	1 6	14 30	8 16	8 30	8 57	0 42	5 10	4 42
W21	9 22	27 56	5 5	0 28	0 29	6 29	7 28	23 32	0 4	20 20	0 25	8 0	2 42	21 19	0 36	22 25	1 6	14 29	8 16	8 29	8 55	0 38	5 7	4 42
T 22	9 1	26 6	5 8	0s14	0 38	6 32	7 37	23 34	0 5	20 18	0 25	7 59	2 42	21 19	0 36	22 25	1 6	14 29	8 17	8 26	8 54	0 35	5 4	4 42
F 23	8 39	23 3	4 56	0 55	0 46	6 34	7 46	23 36	0 6	20 15	0 25	7 58	2 42	21 20	0 36	22 25	1 6	14 29	8 17	8 23	8 53	0 32	5 1	4 42
S 24	8 17	19 1	4 30	1 36	0 54	6 35	7 54	23 37	0 7	20 12	0 25	7 57	2 43	21 20	0 36	22 25	1 6	14 29	8 17	8 20	8 52	0 28	4 58	4 42
S 25	7 55	14 15	3 53	2 17	1 2	6 34	8 2	23 39	0 8	20 10	0 25	7 56	2 43	21 20	0 36	22 25	1 6	14 29	8 17	8 17	8 51	0 25	4 55	4 41
M26	7 33	9 0	3 5	2 56	1 11	6 32	8 9	23 40	0 9	20 7	0 25	7 55	2 43	21 20	0 36	22 25	1 6	14 29	8 17	8 15	8 49	0 21	4 52	4 41
T 27	7 11	3 28	2 10	3 35	1 19	6 29	8 16	23 41	0 10	20 5	0 25	7 54	2 43	21 21	0 36	22 25	1 6	14 29	8 17	8 13	8 48	0 18	4 49	4 41
W28	6 48	2n 9	1 9	4 14	1 27	6 24	8 22	23 4																

SWISS EPHEMERIS for the year 1409

SEPTEMBER 1409 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	23 13 59	16 ^h 37 ^m 36 ^s	25 ^h 39 ^m	12 ^h 21 ^m	24 ^h R46	2 ^h 54 ^m	3 ^h 26 ^m	26 ^h R45	27 ^h R14	29 ^h II31	15 ^h II28	21 ^h Y 0	22 ^h Y17	3 ^h Y45	7 ^h m10	
M 2	23 17 56	17 ^h 36 ^m 13 ^s	7 ^h II58	13 ^h 22	24 ^h II12	3 ^h 20	3 ^h 38	26 ^h Y42	27 ^h III13	29 ^h 32	15 ^h 28	21 ^h 1	22 ^h 14	3 ^h 51	7 ^h 18	
T 3	23 21 52	18 ^h 34 ^m 53 ^s	20 ^h 35	14 ^h 29	23 ^h 36	3 ^h 55	3 ^h 49	26 ^h 39	27 ^h 11	29 ^h 32	15 ^h 28	21 ^h R 2	22 ^h 11	3 ^h 58	7 ^h 27	
W 4	23 25 49	19 ^h 33 ^m 35 ^s	3 ^h 56	15 ^h 35	23 ^h 0	4 ^h 29	4 ^h 0	26 ^h 36	27 ^h 10	29 ^h 33	15 ^h 28	21 ^h 1	22 ^h 8	4 ^h 4	7 ^h 35	
T 5	23 29 45	20 ^h 32 ^m 18 ^s	17 ^h 3	16 ^h 38	22 ^h 24	5 ^h 3	4 ^h 11	26 ^h 32	27 ^h 9	29 ^h 34	15 ^h 28	20 ^h 59	22 ^h 5	4 ^h 11	7 ^h 44	
F 6	23 33 42	21 ^h 31 ^m 05 ^s	0 ^h 25 ^m	17 ^h 39	21 ^h 47	5 ^h 37	4 ^h 22	26 ^h 29	27 ^h 8	29 ^h 34	15 ^h 28	20 ^h 55	22 ^h 2	4 ^h 18	7 ^h 52	
S 7	23 37 38	22 ^h 29 ^m 53 ^s	15 ^h 22	18 ^h 37	21 ^h 10	6 ^h 10	4 ^h 33	26 ^h 25	27 ^h 7	29 ^h 35	15 ^h R28	20 ^h 51	21 ^h 58	4 ^h 24	8 ^h 1	
S 8	23 41 35	23 ^h 28 ^m 44 ^s	0 ^h m 9	19 ^h 33	20 ^h 34	6 ^h 44	4 ^h 44	26 ^h 22	27 ^h 6	29 ^h 36	15 ^h 28	20 ^h 47	21 ^h 55	4 ^h 31	8 ^h 9	
M 9	23 45 31	24 ^h 27 ^m 36 ^s	15 ^h 14	20 ^h 26	19 ^h 57	7 ^h 17	4 ^h 54	26 ^h 18	27 ^h 5	29 ^h 36	15 ^h 28	20 ^h 44	21 ^h 52	4 ^h 38	8 ^h 18	
T 10	23 49 28	25 ^h 26 ^m 31 ^s	0 ^h 26	21 ^h 15	19 ^h 22	7 ^h 50	5 ^h 5	26 ^h 14	27 ^h 4	29 ^h 37	15 ^h 28	20 ^h 42	21 ^h 49	4 ^h 44	8 ^h 26	
W11	23 53 25	26 ^h 25 ^m 28 ^s	15 ^h 37	22 ^h 1	18 ^h 47	8 ^h 23	5 ^h 15	26 ^h 11	27 ^h 3	29 ^h 37	15 ^h 28	20 ^h D41	21 ^h 46	4 ^h 51	8 ^h 34	
T 12	23 57 21	27 ^h 24 ^m 26 ^s	0 ^h m.36	22 ^h 43	18 ^h 13	8 ^h 56	5 ^h 26	26 ^h 7	27 ^h 2	29 ^h 38	15 ^h 28	20 ^h 41	21 ^h 42	4 ^h 58	8 ^h 43	
F 13	0 1 18	28 ^h 23 ^m 27 ^s	15 ^h 17	23 ^h 22	17 ^h 41	9 ^h 29	5 ^h 36	26 ^h 3	27 ^h 2	29 ^h 38	15 ^h 28	20 ^h 42	21 ^h 39	5 ^h 4	8 ^h 51	
S 14	0 5 14	29 ^h 22 ^m 29 ^s	29 ^h 35	23 ^h 55	17 ^h 10	10 ^h 1	5 ^h 46	25 ^h 59	27 ^h 1	29 ^h 38	15 ^h 27	20 ^h 43	21 ^h 36	5 ^h 11	8 ^h 59	
S 15	0 9 11	0 ^h 21 ^m 34 ^s	13 ^h 28	24 ^h 24	16 ^h 40	10 ^h 33	5 ^h 56	25 ^h 55	27 ^h 0	29 ^h 39	15 ^h 27	20 ^h 44	21 ^h 33	5 ^h 18	9 ^h 8	
M16	0 13 7	1 ^h 20 ^m 40 ^s	26 ^h 55	24 ^h 48	16 ^h 13	11 ^h 5	6 ^h 7	25 ^h 51	27 ^h 0	29 ^h 39	15 ^h 27	20 ^h R45	21 ^h 30	5 ^h 24	9 ^h 16	
T 17	0 17 4	2 ^h 19 ^m 48 ^s	10 ^h 3 0	25 ^h 6	15 ^h 47	11 ^h 37	6 ^h 16	25 ^h 47	26 ^h 59	29 ^h 39	15 ^h 27	20 ^h 45	21 ^h 27	5 ^h 31	9 ^h 24	
W18	0 21 0	3 ^h 18 ^m 57 ^s	22 ^h 44	25 ^h 18	15 ^h 24	12 ^h 9	6 ^h 26	25 ^h 42	26 ^h 58	29 ^h 39	15 ^h 27	20 ^h 44	21 ^h 23	5 ^h 38	9 ^h 32	
T 19	0 24 57	4 ^h 18 ^m 09 ^s	5 ^h 11	25 ^h R23	15 ^h 2	12 ^h 40	6 ^h 36	25 ^h 38	26 ^h 58	29 ^h 40	15 ^h 26	20 ^h 42	21 ^h 20	5 ^h 44	9 ^h 40	
F 20	0 28 54	5 ^h 17 ^m 22 ^s	17 ^h 25	25 ^h 22	14 ^h 43	13 ^h 11	6 ^h 46	25 ^h 34	26 ^h 58	29 ^h 40	15 ^h 26	20 ^h 40	21 ^h 17	5 ^h 51	9 ^h 48	
S 21	0 32 50	6 ^h 16 ^m 37 ^s	29 ^h 29	25 ^h 12	14 ^h 26	13 ^h 42	6 ^h 55	25 ^h 29	26 ^h 57	29 ^h 40	15 ^h 26	20 ^h 38	21 ^h 14	5 ^h 58	9 ^h 57	
S 22	0 36 47	7 ^h 15 ^m 54 ^s	11 ^h 25	24 ^h 55	14 ^h 12	14 ^h 13	7 ^h 5	25 ^h 25	26 ^h 57	29 ^h 40	15 ^h 25	20 ^h 36	21 ^h 11	6 ^h 4	10 ^h 5	
M23	0 40 43	8 ^h 15 ^m 12 ^s	23 ^h 16	24 ^h 30	14 ^h 0	14 ^h 43	7 ^h 14	25 ^h 20	26 ^h 57	29 ^h 40	15 ^h 25	20 ^h 34	21 ^h 8	6 ^h 11	10 ^h 13	
T 24	0 44 40	9 ^h 14 ^m 33 ^s	5 ^h Y 4	23 ^h 57	13 ^h 50	15 ^h 14	7 ^h 23	25 ^h 16	26 ^h 56	29 ^h R40	15 ^h 25	20 ^h 33	21 ^h 4	6 ^h 17	10 ^h 21	
W25	0 48 36	10 ^h 13 ^m 56 ^s	16 ^h 52	23 ^h 15	13 ^h 43	15 ^h 44	7 ^h 32	25 ^h 11	26 ^h 56	29 ^h 40	15 ^h 24	20 ^h D32	21 ^h 1	6 ^h 24	10 ^h 29	
T 26	0 52 33	11 ^h 13 ^m 21 ^s	28 ^h 42	22 ^h 26	13 ^h 39	16 ^h 14	7 ^h 41	25 ^h 7	26 ^h 56	29 ^h 40	15 ^h 24	20 ^h 33	20 ^h 58	6 ^h 31	10 ^h 36	
F 27	0 56 29	12 ^h 12 ^m 48 ^s	10 ^h 36	21 ^h 29	13 ^h D36	16 ^h 43	7 ^h 50	25 ^h 2	26 ^h 56	29 ^h 40	15 ^h 23	20 ^h 33	20 ^h 55	6 ^h 37	10 ^h 44	
S 28	1 0 26	13 ^h 12 ^m 18 ^s	22 ^h 37	20 ^h 26	13 ^h 37	17 ^h 13	7 ^h 59	24 ^h 58	26 ^h D56	29 ^h 40	15 ^h 23	20 ^h 34	20 ^h 52	6 ^h 44	10 ^h 52	
S 29	1 4 22	14 ^h 11 ^m 49 ^s	4 ^h II46	19 ^h 17	13 ^h 39	17 ^h 42	8 ^h 7	24 ^h 53	26 ^h 56	29 ^h 40	15 ^h 23	20 ^h 34	20 ^h 48	6 ^h 51	11 ^h 0	
M30	1 8 19	15 ^h 11 ^m 23 ^s	17 ^h II 9	18 ^h 5	13 ^h II44	18 ^h 510	8 ^h 16	24 ^h Y48	26 ^h 56	29 ^h II40	15 ^h II22	20 ^h Y35	20 ^h Y45	6 ^h Y57	11 ^h II 8	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	5n18	22n 7	2n59	6s40	2s 0	5s51	8s39	23n45	0n16	19n52	0n26	7n48	2s44	21s22	0s36	22n25	1s 6
M 2	4 55	25 29	3 49	7 15	2 8	5 39	8 41	23 46	0 17	19 50	0 26	7 46	2 45	21 22	0 36	22 25	1 6
T 3	4 32	27 41	4 30	7 48	2 15	5 26	8 42	23 46	0 18	19 47	0 26	7 45	2 45	21 22	0 36	22 25	1 6
W 4	4 9	28 27	4 59	8 21	2 23	5 12	8 42	23 46	0 20	19 45	0 26	7 44	2 45	21 23	0 36	22 25	1 6
T 5	3 46	27 36	5 13	8 52	2 30	4 57	8 41	23 46	0 21	19 42	0 27	7 42	2 45	21 23	0 36	22 25	1 7
F 6	3 22	25 1	5 9	9 22	2 38	4 41	8 40	23 46	0 22	19 40	0 27	7 41	2 45	21 23	0 36	22 25	1 7
S 7	2 59	20 49	4 45	9 51	2 45	4 25	8 37	23 46	0 23	19 37	0 27	7 40	2 45	21 23	0 36	22 24	1 7
S 8	2 36	15 14	4 3	10 19	2 51	4 7	8 34	23 45	0 24	19 35	0 27	7 38	2 46	21 23	0 36	22 24	1 7
M 9	2 12	8 39	3 3	10 45	2 58	3 49	8 29	23 45	0 26	19 32	0 27	7 37	2 46	21 24	0 36	22 24	1 7
T 10	1 49	1 30	1 49	11 9	3 4	3 30	8 24	23 44	0 27	19 30	0 27	7 35	2 46	21 24	0 36	22 24	1 7
W11	1 26	5s44	0 28	11 32	3 10	3 11	8 18	23 43	0 28	19 28	0 27	7 34	2 46	21 24	0 36	22 24	1 7
T 12	1 2	12 34	0s55	11 53	3 15	2 51	8 11	23 42	0 29	19 25	0 28	7 32	2 46	21 24	0 36	22 24	1 7
F 13	0 39	18 34	2 12	12 11	3 20	2 31	8 3	23 41	0 31	19 23	0 28	7 31	2 46	21 24	0 36	22 24	1 7
S 14	0 15	23 21	3 19	12 28	3 24	2 12	7 54	23 40	0 32	19 20	0 28	7 29	2 46	21 24	0 36	22 24	1 7
S 15	0s 9	26 39	4 12	12 42	3 27	1 52	7 45	23 39	0 33	19 18	0 28	7 27	2 47	21 24	0 35	22 24	1 7
M16	0 32	28 18	4 49	12 53	3 30	1 32	7 35	23 38	0 35	19 16	0 28	7 26	2 47	21 25	0 35	22 24	1 7
T 17	0 56	28 18	5 10	13 2	3 32	1 13	7 25	23 36	0 36	19 13	0 28	7 24	2 47	21 25	0 35	22 24	1 7
W18	1 19	26 47	5 16	13 7	3 33	0 53	7 14	23 35	0 37	19 11	0 29	7 22	2 47	21 25	0 35	22 24	1 7

SWISS EPHEMERIS for the year 1409

OCTOBER 1409 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	1 12 16	16♌10'59	29♏47	16°R51	13♎51	18♍39	8♌24	24°R43	26♎56	29°R39	15°R22	20°Y35	20°Y42	7°Y 4	11♎15	
W 2	1 16 12	17°10'38	12♍45	15♌38	14° 1	19° 7	8°33	24°Y39	26°56	29♏39	15♏21	20°R36	20°39	7°11	11°23	
T 3	1 20 9	18°10'19	26° 5	14°26	14°13	19°35	8°41	24°34	26°56	29°39	15°21	20°36	20°36	7°17	11°31	
F 4	1 24 5	19°10'02	9♌50	13°20	14°27	20° 3	8°49	24°29	26°57	29°38	15°20	20°36	20°33	7°24	11°38	
S 5	1 28 2	20° 9'47	24° 0	12°20	14°43	20°31	8°57	24°24	26°57	29°38	15°19	20°D35	20°29	7°31	11°46	
S 6	1 31 58	21° 9'35	8♎33	11°28	15° 0	20°58	9° 4	24°19	26°57	29°38	15°19	20°35	20°26	7°37	11°53	
M 7	1 35 55	22° 9'25	23°26	10°46	15°20	21°25	9°12	24°15	26°58	29°37	15°18	20°36	20°23	7°44	12° 1	
T 8	1 39 51	23° 9'17	8♌32	10°15	15°42	21°51	9°19	24°10	26°58	29°37	15°17	20°36	20°20	7°51	12° 8	
W 9	1 43 48	24° 9'11	23°42	9°55	16° 6	22°18	9°27	24° 5	26°59	29°36	15°17	20°R36	20°17	7°57	12°15	
T 10	1 47 45	25° 9'07	8♏47	9°D46	16°31	22°44	9°34	24° 0	26°59	29°36	15°16	20°36	20°14	8° 4	12°22	
F 11	1 51 41	26° 9'05	23°38	9°49	16°58	23° 9	9°41	23°55	27° 0	29°35	15°15	20°35	20°10	8°11	12°30	
S 12	1 55 38	27° 9'05	8♌ 8	10° 3	17°27	23°35	9°48	23°50	27° 1	29°35	15°15	20°34	20° 7	8°17	12°37	
S 13	1 59 34	28° 9'06	22°12	10°27	17°57	24° 0	9°54	23°46	27° 1	29°34	15°14	20°34	20° 4	8°24	12°44	
M14	2 3 31	29° 9'10	5♎49	11° 1	18°29	24°24	10° 1	23°41	27° 2	29°34	15°13	20°33	20° 1	8°30	12°51	
T 15	2 7 27	0♏ 9'15	18°59	11°43	19° 2	24°49	10° 8	23°36	27° 3	29°33	15°12	20°32	19°58	8°37	12°58	
W16	2 11 24	1° 9'21	1♌45	12°33	19°37	25°13	10°14	23°31	27° 4	29°32	15°12	20°D32	19°54	8°44	13° 5	
T 17	2 15 20	2° 9'29	14°11	13°30	20°13	25°36	10°20	23°27	27° 5	29°31	15°11	20°32	19°51	8°50	13°11	
F 18	2 19 17	3° 9'39	26°21	14°33	20°51	25°59	10°26	23°22	27° 6	29°31	15°10	20°33	19°48	8°57	13°18	
S 19	2 23 14	4° 9'50	8♏19	15°41	21°29	26°22	10°32	23°17	27° 7	29°30	15° 9	20°34	19°45	9° 4	13°25	
S 20	2 27 10	5°10'02	20°10	16°54	22° 9	26°45	10°37	23°12	27° 8	29°29	15° 8	20°36	19°42	9°10	13°31	
M21	2 31 7	6°10'17	1°Y58	18°11	22°50	27° 7	10°43	23° 8	27° 9	29°28	15° 8	20°37	19°39	9°17	13°38	
T 22	2 35 3	7°10'32	13°46	19°32	23°33	27°29	10°48	23° 3	27°10	29°27	15° 7	20°38	19°35	9°24	13°44	
W23	2 39 0	8°10'50	25°37	20°55	24°16	27°50	10°53	22°59	27°12	29°26	15° 6	20°R38	19°32	9°30	13°51	
T 24	2 42 56	9°11'09	7♎33	22°20	25° 0	28°11	10°58	22°54	27°13	29°26	15° 5	20°37	19°29	9°37	13°57	
F 25	2 46 53	10°11'30	19°37	23°48	25°46	28°31	11° 3	22°50	27°14	29°25	15° 4	20°35	19°26	9°44	14° 3	
S 26	2 50 49	11°11'53	1♏50	25°17	26°32	28°51	11° 8	22°45	27°16	29°24	15° 3	20°32	19°23	9°50	14°10	
S 27	2 54 46	12°12'18	14°13	26°48	27°19	29°11	11°13	22°41	27°17	29°23	15° 2	20°29	19°19	9°57	14°16	
M28	2 58 43	13°12'44	26°48	28°19	28° 8	29°30	11°17	22°36	27°18	29°22	15° 1	20°25	19°16	10° 4	14°22	
T 29	3 2 39	14°13'12	9♎37	29°52	28°57	29°49	11°21	22°32	27°20	29°20	15° 0	20°22	19°13	10°10	14°28	
W30	3 6 36	15°13'42	22°40	1♏25	29°47	0♌ 7	11°25	22°28	27°22	29°19	14°59	20°19	19°10	10°17	14°34	
T 31	3 10 32	16♏14'14	6♌ 0	2♏58	0♌38	0♌25	11♌29	22°Y24	27♎23	29♏18	14♏58	20°Y17	19°Y 7	10°Y23	14♎39	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	6s23	28n28	4n57	8s 5	1s33	2n15	4s28	23n 8	0n56	18n43	0n31	7n 0	2s48	21s25	0s35	22n24	1s 7
W 2	6 46 28	8 5 15	7 18 1	1 13	2 23	4 15	23 6	0 58	18 41	0 31	6 58	2 48	21 25	0 35	22 24	1 7	14 24
T 3	7 9 26	11 5 16	6 31 0	5 32	2 30	4 2 23	3 0	59	18 39	0 31	6 57	2 48	21 25	0 35	22 24	1 7	14 23
F 4	7 32 22	39 5 0	5 46 0	3 32	2 37	3 49	23 1	1 1	18 37	0 31	6 55	2 48	21 25	0 35	22 24	1 7	14 23
S 5	7 54 17	44 4 26	5 4 0	1 12	2 42	3 37	22 58	1 2	18 35	0 31	6 53	2 48	21 25	0 35	22 24	1 7	14 23
S 6	8 17 11	41 3 33	4 26 0	n 8	2 47	3 24	22 56	1 4	18 33	0 32	6 51	2 48	21 24	0 35	22 24	1 7	14 23
M 7	8 39 4	50 2 25	3 52 0	27	2 51	3 12	22 53	1 5	18 32	0 32	6 50	2 48	21 24	0 35	22 24	1 7	14 23
T 8	9 2 2s22	1 7 3	23 0	44	2 53	3 0	22 51	1 7	18 30	0 32	6 48	2 48	21 24	0 35	22 24	1 7	14 22
W 9	9 24 9	30 0s17	3 1 1	0 2	2 55	2 48	22 48	1 9	18 28	0 32	6 46	2 48	21 24	0 35	22 24	1 7	14 22
T 10	9 46 16	2 1 39	2 44	1 15	2 56	2 36	22 45	1 10	18 26	0 32	6 44	2 48	21 24	0 35	22 24	1 8	14 22
F 11	10 8 21	32 2 54	2 44	1 27	2 56	2 25	22 43	1 12	18 25	0 33	6 43	2 48	21 24	0 35	22 24	1 8	14 22
S 12	10 30 25	36 3 55	2 29	1 38	2 55	2 14	22 40	1 14	18 23	0 33	6 41	2 48	21 24	0 35	22 24	1 8	14 22
S 13	10 51 27	56 4 40	2 30	1 48	2 54	2 3	22 37	1 16	18 21	0 33	6 39	2 48	21 23	0 35	22 23	1 8	14 22
M14	11 13 28	30 5 7	2 36	1 55	2 51	1 52	22 35	1 17	18 20	0 33	6 37	2 48	21 23	0 35	22 23	1 8	14 21
T 15	11 34 27	24 5 17	2 47	2 1	2 48	1 41	22 32	1 19	18 18	0 33	6 36	2 48	21 23	0 35	22 23	1 8	14 21
W16	11 55 24	53 5 11	3 2 2	6 2	2 44	1 31	22 29	1 21	18 17	0 34	6 34	2 48	21 23	0 35	22 23	1 8	14 21
T 17	12 16 21	16 4 51	3 22	2 9	2 39	1 21	22 27	1 23	18 15	0 34	6 32	2 48	21 23	0 35	22 23	1 8	14 21
F 18	12 36 16	48 4 18	3 44	2 11	2 34	1 11	22 24	1 24	18 14	0 34	6 31	2 48	21 23	0 35	22 23	1 8	14 21
S 19	12 57 11	47 3 34	4 10	2 12	2 27	1 1	22 22	1 26	18 12	0 34	6 29	2 48	21 22	0 35	22 23	1 8	14 21
S 20	13 17 6	22 2 41	4 38	2 12	2 20	0 51	22 19	1 28	18 11	0 34	6 27	2 47	21 22	0 35	22 23	1 8	14 20
M21	13 37 0	46 1 42	5 8	2 11	2 12	0 42	22 17	1 30	18 10	0 35	6 26	2 47	21 22	0 35	22 23	1 8	14 20
T 22	13 57 4n52	0 38 5	40 2 9	2 4	0 33	22 14	1 32	18 8	0 35	6 24	2 47	21 22	0 35	22 23	1 8	14 20	
W23	14 17 10	22 0n28	6 14 2	7 1	55 0	24 22	12 1	34 18	7 0	35 6	22 2	47 21	21 0	35 22	23 1	8 14 20	
T 24	14 36 15	32 1 32	6 49 2	4 1	45 0	16 22	9 1	36 18	6 0	35 6	21 2	47 21	21 0	35 22	23 1	8 14 20	
F 25	14 55 20	9 2 33	7 25 2	0 1	34 0	8 22	7 1	38 18	5 0	35 6	19 2	47 21	21 0	35 22	23 1	8 14 20	
S 26	15 14 24	0 3 28	8 1 1	56 8	1 23	0n 1	22 5	1 40	18 4	0 36	6 18	2 47	21 20	0 35	22 23	1 8	14 19
S 27	15 33 26	47 4 14	8 38 1	51 1	12 0	8 22	3 1	42 18	3 0	36 6	16 2	47 21	20 0	34 22	23 1	8 14 19	
M28	15 51 28	17 4 48	9 16 1	46 1	0 16	22 1	1 44	18 2	0 36	6 15	2 47	21 20	0 34	22 23	1 8	14 19	
T 29	16 10 28	18 5 9	9 53 1	41 0	47 0	24 21	59 1	46 18	1 0	36 6	13 2	46 21	19 0	34 22	23 1	8 14 19	
W30	16 27 26	46 5 14	10 31 1	35 0	33 0	31 21	57 1	48 18	0 0	37 6	12 2	46 21	19 0	34 22	23 1	8 14 19	
T 31	16s45	23n43	5n 3	11s 9	1n29	0n20	0n38	21n55	1n50	17n59	0n37	6n10	2s46	21s19	0s34	22n23	1s 8

Julian Day Number = 2235968.5, Delta T = 05m02s
 Ecliptic obliquity = 23°31'06, Nutation = - 0°00'07
 Ayanamsha: Fagan/Bradley = 16°30'23, Lahiri = 15°37'23 Julian Calendar 1 Oct. 1409 == Greg. Calendar 10 Oct. 1409

SWISS EPHEMERIS for the year 1409

NOVEMBER 1409 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	3 14 29	17 ^m 14'48"	19 ^Ω 37	4 ^m 33	1 ^Ω 29	0 ^Ω 42	11 ^Ω 32	22°R19	27 ^Ω 25	29°R17	14°R57	20°D17	19 ^Υ 4	10 ^Υ 30	14 ^m 45		
S 2	3 18 25	18°15'24"	3 ^m 33	6° 7	2°21	0°59	11°36	22 ^Υ 15	27°27	29 ^{II} 16	14 ^{II} 56	20 ^Υ 18	19° 0	10°37	14°51		
S 3	3 22 22	19°16'01"	17°48	7°42	3°15	1°15	11°39	22°11	27°28	29°15	14°55	20°19	18°57	10°43	14°56		
M 4	3 26 18	20°16'40"	2 ^Ω 19	9°16	4° 8	1°31	11°42	22° 7	27°30	29°14	14°54	20°20	18°54	10°50	15° 2		
T 5	3 30 15	21°17'21"	17° 3	10°51	5° 3	1°46	11°45	22° 3	27°32	29°12	14°53	20°R21	18°51	10°57	15° 7		
W 6	3 34 12	22°18'03"	1 ^m 55	12°26	5°58	2° 1	11°48	22° 0	27°34	29°11	14°52	20°21	18°48	11° 3	15°12		
T 7	3 38 8	23°18'47"	16°48	14° 1	6°54	2°15	11°50	21°56	27°36	29°10	14°51	20°19	18°45	11°10	15°17		
F 8	3 42 5	24°19'33"	1 ^Ω 33	15°36	7°50	2°28	11°53	21°52	27°38	29° 8	14°50	20°15	18°41	11°17	15°23		
S 9	3 46 1	25°20'19"	16° 4	17°10	8°47	2°41	11°55	21°48	27°40	29° 7	14°49	20°10	18°38	11°23	15°28		
S 10	3 49 58	26°21'08"	0 ^Ω 12	18°45	9°44	2°54	11°57	21°45	27°42	29° 6	14°48	20° 4	18°35	11°30	15°32		
M11	3 53 54	27°21'57"	13°56	20°20	10°42	3° 5	11°59	21°41	27°44	29° 4	14°46	19°58	18°32	11°37	15°37		
T 12	3 57 51	28°22'47"	27°13	21°55	11°41	3°16	12° 0	21°38	27°46	29° 3	14°45	19°53	18°29	11°43	15°42		
W13	4 1 48	29°23'38"	10 ^Ω 4	23°29	12°40	3°27	12° 2	21°35	27°48	29° 2	14°44	19°49	18°25	11°50	15°47		
T 14	4 5 44	0 ^Ω 24'30"	22°33	25° 4	13°39	3°37	12° 3	21°32	27°51	29° 0	14°43	19°47	18°22	11°57	15°51		
F 15	4 9 41	1°25'23"	4 ^Ω 44	26°38	14°39	3°46	12° 4	21°28	27°53	28°59	14°42	19°D47	18°19	12° 3	15°56		
S 16	4 13 37	2°26'16"	16°41	28°12	15°39	3°54	12° 5	21°25	27°55	28°57	14°41	19°48	18°16	12°10	16° 0		
S 17	4 17 34	3°27'11"	28°31	29°47	16°40	4° 2	12° 5	21°22	27°57	28°56	14°40	19°49	18°13	12°16	16° 4		
M18	4 21 30	4°28'06"	10 ^Υ 18	1 ^Ω 21	17°41	4° 9	12° 6	21°20	28° 0	28°54	14°39	19°51	18°10	12°23	16° 8		
T 19	4 25 27	5°29'02"	22° 7	2°55	18°43	4°16	12° 6	21°17	28° 2	28°53	14°37	19°R51	18° 6	12°30	16°12		
W20	4 29 23	6°29'59"	4 ^Ω 2	4°29	19°45	4°22	12°R 6	21°14	28° 5	28°51	14°36	19°50	18° 3	12°36	16°16		
T 21	4 33 20	7°30'57"	16° 6	6° 3	20°47	4°27	12° 6	21°12	28° 7	28°50	14°35	19°47	18° 0	12°43	16°20		
F 22	4 37 16	8°31'55"	28°22	7°38	21°50	4°31	12° 5	21° 9	28°10	28°48	14°34	19°41	17°57	12°50	16°24		
S 23	4 41 13	9°32'55"	10 ^{II} 51	9°12	22°53	4°35	12° 5	21° 7	28°12	28°46	14°33	19°33	17°54	12°56	16°27		
S 24	4 45 10	10°33'55"	23°33	10°46	23°57	4°38	12° 4	21° 4	28°15	28°45	14°32	19°24	17°51	13° 3	16°31		
M25	4 49 6	11°34'57"	6 ^Ω 29	12°21	25° 1	4°40	12° 3	21° 2	28°18	28°43	14°30	19°14	17°47	13°10	16°34		
T 26	4 53 3	12°35'59"	19°38	13°55	26° 5	4°41	12° 2	21° 0	28°20	28°42	14°29	19° 5	17°44	13°16	16°37		
W27	4 56 59	13°37'02"	2 ^Ω 58	15°30	27° 9	4°R42	12° 1	20°58	28°23	28°40	14°28	18°57	17°41	13°23	16°41		
T 28	5 0 56	14°38'06"	16°30	17° 4	28°14	4°42	11°59	20°56	28°26	28°38	14°27	18°51	17°38	13°30	16°44		
F 29	5 4 52	15°39'11"	0 ^m 11	18°39	29°19	4°41	11°57	20°55	28°29	28°37	14°26	18°47	17°35	13°36	16°47		
S 30	5 8 49	16°40'17"	14 ^m 3	20°14	0 ^m 25	4°Ω39	11°Ω55	20°Υ53	28°Ω31	28°II35	14°II25	18°D46	17°Υ31	13°Υ43	16°m49		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
F 1	17s 2	19n19	4n34	11s47	1n23	0n 5	0n44	21n53	1n52	17n58	0n37	6n 9	2s46	21s18	0s34	22n23	1s 8	14n19	8s24	7n57	7n29	3n28	1n38	4s45
S 2	17 19	13 48	3 49	12 24	1 16	0s10	0 51	21 52	1 54	17 57	0 37	6 8	2 46	21 18	0 34	22 23	1 8	14 18	8 24	7 57	7 28	3 31	1 36	4 46
S 3	17 36	7 26	2 49	13 1	1 10	0 25	0 57	21 50	1 56	17 57	0 37	6 6	2 46	21 18	0 34	22 23	1 8	14 18	8 25	7 58	7 27	3 35	1 33	4 46
M 4	17 52	0 34	1 37	13 38	1 3	0 41	1 4	21 49	1 59	17 56	0 38	6 5	2 46	21 17	0 34	22 23	1 8	14 18	8 25	7 58	7 26	3 38	1 31	4 46
T 5	18 9	6s26	0 18	14 14	0 57	0 57	1 9	21 48	2 1	17 55	0 38	6 4	2 45	21 17	0 34	22 23	1 8	14 18	8 25	7 59	7 24	3 42	1 29	4 46
W 6	18 24	13 10	1s 3	14 50	0 50	1 14	1 15	21 47	2 3	17 55	0 38	6 2	2 45	21 17	0 34	22 23	1 8	14 18	8 25	7 59	7 23	3 45	1 26	4 47
T 7	18 40	19 8	2 20	15 25	0 43	1 31	1 21	21 46	2 5	17 54	0 38	6 1	2 45	21 16	0 34	22 23	1 8	14 18	8 25	7 58	7 22	3 48	1 24	4 47
F 8	18 55	23 54	3 26	15 59	0 36	1 48	1 26	21 45	2 8	17 54	0 38	6 0	2 45	21 16	0 34	22 23	1 8	14 18	8 25	7 56	7 21	3 52	1 22	4 47
S 9	19 10	27 4	4 18	16 33	0 29	2 6	1 31	21 44	2 10	17 54	0 39	5 59	2 45	21 15	0 34	22 23	1 8	14 17	8 25	7 54	7 20	3 55	1 20	4 48
S 10	19 24	28 24	4 53	17 6	0 22	2 24	1 36	21 43	2 12	17 53	0 39	5 58	2 44	21 15	0 34	22 23	1 8	14 17	8 25	7 52	7 18	3 59	1 18	4 48
M11	19 38	27 55	5 9	17 38	0 16	2 42	1 41	21 43	2 15	17 53	0 39	5 57	2 44	21 14	0 34	22 23	1 8	14 17	8 25	7 50	7 17	4 2	1 16	4 48
T 12	19 52	25 50	5 9	18 10	0 9	3 1	1 45	21 43	2 17	17 53	0 39	5 56	2 44	21 14	0 34	22 23	1 8	14 17	8 25	7 48	7 16	4 5	1 13	4 48
W13	20 5	22 28	4 52	18 41	0 2	3 20	1 50	21 42	2 19	17 53	0 40	5 54	2 44	21 14	0 34	22 23	1 8	14 17	8 25	7 47	7 15	4 9	1 11	4 49
T 14	20 18	18 10	4 22	19 10	0s 5	3 39	1 54	21 42	2 22	17 52	0 40	5 53	2 44	21 13	0 34	22 23	1 8	14 17	8 25	7 46	7 14	4 12	1 9	4 49
F 15	20 31	13 14	3 41	19 39	0 12	3 59	1 58	21 43	2 24	17 52	0 40	5 53	2 43	21 13	0 34	22 23	1 8	14 17	8 25	7 46	7 12	4 16	1 7	4 49
S 16	20 43	7 53	2 50	20 7	0 18	4 19	2 2	21 43	2 27	17 52	0 40	5 52	2 43	21 12	0 34	22 23	1 8	14 17	8 25	7 46	7 11	4 19	1 5	4 50
S 17	20 55	2 19	1 53	20 34	0 25	4 39	2 5	21 44	2 29	17 52	0 41	5 51	2 43	21 12	0 34	22 23	1 8	14 16	8 25	7 47	7 10	4 23	1 4	4 50
M18	21 6	3n18	0 52	21 0	0 31	4 59	2 9	21 44	2 32	17 53	0 41	5 50	2 43	21 11	0 34	22 23	1 8	14 16	8 25	7 47	7 9	4 26	1 2	4 50
T 19	21 17	8 50	0n12	21 26	0 38	5 19	2 12	21 45	2 34	17 53	0 41	5 49	2 42	21 11	0 34	22 23	1 8	14 16	8 25	7 47	7 7	4 29	1 0	4 51
W20	21 28	14 6	1 16	21 50	0 44	5 40	2 15	21 46	2 37	17 53	0 41	5 48	2 42	21 10	0 34	22 23	1 8	14 16	8 25	7 47	7 6	4 33	0 58	4 51
T 21	21 38	18 54	2 17	22 13	0 50	6 0	2 18	21 47	2 39	17 53	0 41	5 48	2 42	21 10	0 34	22 23	1 8	14 16	8 25	7 46	7 5	4 36	0 56	4 51
F 22	21 48	22 59	3 12	22 34	0 56	6 21	2 21	21 49	2 42	17 54	0 42	5 47	2 42	21 9	0 34	22 23	1 8	14 16	8 25	7 43	7 4	4 40	0 54	4 52
S 23	21																							

SWISS EPHEMERIS for the year 1409

DECEMBER 1409 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	5 12 46	17°41'24	28°17' 5	21°49	11°30	4°R36	11°R53	20°R51	28°33	28°R33	14°R23	18°Y46	17°Y28	13°Y49	16°17'52
M 2	5 16 42	18°42'31	12°21' 23	23°25	2°36	4°L33	11°L51	20°Y50	28°37	28°II32	14°II22	18°R47	17°25	13°56	16°55
T 3	5 20 39	19°43'40	26°37	25° 0	3°42	4°28	11°48	20°49	28°40	28°30	14°21	18°47	17°22	14° 3	16°57
W 4	5 24 35	20°44'49	11°11' 2	26°36	4°49	4°23	11°46	20°47	28°43	28°28	14°20	18°45	17°19	14° 9	17° 0
T 5	5 28 32	21°45'59	25°30	28°11	5°55	4°17	11°43	20°46	28°46	28°27	14°19	18°40	17°16	14°16	17° 2
F 6	5 32 28	22°47'10	9°47' 5	29°47	7° 2	4°11	11°40	20°45	28°49	28°25	14°18	18°33	17°12	14°23	17° 4
S 7	5 36 25	23°48'21	24° 7	1°23	8° 9	4° 3	11°37	20°44	28°52	28°23	14°16	18°23	17° 9	14°29	17° 6
S 8	5 40 21	24°49'33	8°36' 6	3° 0	9°17	3°54	11°33	20°43	28°55	28°22	14°15	18°11	17° 6	14°36	17° 8
M 9	5 44 18	25°50'44	21°45	4°36	10°24	3°45	11°29	20°43	28°58	28°20	14°14	18° 0	17° 3	14°43	17°10
T 10	5 48 15	26°51'56	5°38' 1	6°13	11°32	3°35	11°26	20°42	29° 1	28°18	14°13	17°49	17° 0	14°49	17°11
W 11	5 52 11	27°53'08	17°54	7°49	12°40	3°24	11°22	20°42	29° 4	28°17	14°12	17°40	16°57	14°56	17°13
T 12	5 56 8	28°54'20	0°42' 5	9°26	13°48	3°12	11°17	20°41	29° 7	28°15	14°11	17°34	16°53	15° 3	17°14
F 13	6 0 4	29°55'31	12°37	11° 3	14°56	3° 0	11°13	20°41	29°10	28°13	14°10	17°30	16°50	15° 9	17°16
S 14	6 4 1	0°35'6'43	24°36	12°39	16° 5	2°46	11° 8	20°41	29°14	28°11	14° 8	17°29	16°47	15°16	17°17
S 15	6 7 57	1°57'54	6°Y26	14°16	17°13	2°32	11° 4	20°D41	29°17	28°10	14° 7	17°D29	16°44	15°23	17°18
M 16	6 11 54	2°59'05	18°13	15°52	18°22	2°17	10°59	20°41	29°20	28° 8	14° 6	17°R29	16°41	15°29	17°19
T 17	6 15 50	4° 0'15	0°36' 3	17°28	19°31	2° 2	10°54	20°41	29°23	28° 6	14° 5	17°28	16°37	15°36	17°20
W 18	6 19 47	5° 1'26	12° 1	19° 4	20°40	1°45	10°49	20°42	29°27	28° 5	14° 4	17°26	16°34	15°42	17°21
T 19	6 23 44	6° 2'36	24°10	20°39	21°50	1°28	10°43	20°42	29°30	28° 3	14° 3	17°21	16°31	15°49	17°21
F 20	6 27 40	7° 3'46	6°II36	22°13	22°59	1°11	10°38	20°43	29°33	28° 1	14° 2	17°13	16°28	15°56	17°22
S 21	6 31 37	8° 4'56	19°19	23°46	24° 8	0°52	10°32	20°43	29°36	28° 0	14° 1	17° 2	16°25	16° 2	17°22
S 22	6 35 33	9° 6'05	2°21' 25	25°18	25°18	0°33	10°26	20°44	29°40	27°58	14° 0	16°49	16°22	16° 9	17°22
M 23	6 39 30	10° 7'14	15°40	26°49	26°28	0°14	10°20	20°45	29°43	27°56	13°59	16°36	16°18	16°16	17°22
T 24	6 43 26	11° 8'23	29°14	28°17	27°38	29°53	10°14	20°46	29°46	27°55	13°58	16°23	16°15	16°22	17°R22
W 25	6 47 23	12° 9'32	13°L 0	29°44	28°48	29°33	10° 8	20°47	29°50	27°53	13°57	16°12	16°12	16°29	17°22
T 26	6 51 20	13°10'40	26°55	1°38' 7	29°58	29°11	10° 2	20°48	29°53	27°51	13°56	16° 3	16° 9	16°36	17°22
F 27	6 55 16	14°11'49	10°17' 5	2°28	1°47' 8	28°50	9°55	20°50	29°57	27°50	13°55	15°57	16° 6	16°42	17°22
S 28	6 59 13	15°12'56	24°57	3°44	2°19	28°28	9°49	20°51	0°30' 0	27°48	13°54	15°54	16° 3	16°49	17°21
S 29	7 3 9	16°14'04	9°L 1	4°56	3°29	28° 5	9°42	20°52	0° 3	27°47	13°53	15°54	15°59	16°56	17°21
M 30	7 7 6	17°15'12	23° 6	6° 3	4°40	27°42	9°35	20°54	0° 7	27°45	13°52	15°54	15°56	17° 2	17°20
T 31	7 11 2	18°16'19	7°II10	7°34' 4	5°47' 5	27°59	9°28	20°Y56	0°31' 0	27°II43	13°II51	15°Y53	15°Y53	17°Y 9	17°19

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	22s57	2n25	1n48	24s58	1s42	9s34	2n38	22n11	3n 6	17n59	0n44	5n42	2s39	21s 4	0s34	22n22	1s 8	14n15	8s24	7n23	6n53	5n10	0n41	4s55
M 2	23 2	4s20	0 35	25 7	1 46	9 55	2 40	22 14	3 9	18 0	0 44	5 42	2 39	21 3	0 34	22 22	1 8	14 15	8 24	7 23	6 52	5 14	0 39	4 55
T 3	23 7	10 57	0s42	25 15	1 50	10 16	2 41	22 18	3 11	18 1	0 44	5 42	2 39	21 3	0 34	22 22	1 8	14 15	8 24	7 23	6 50	5 17	0 38	4 55
W 4	23 12	17 1	1 56	25 22	1 53	10 38	2 42	22 22	3 14	18 2	0 45	5 42	2 39	21 2	0 34	22 22	1 8	14 15	8 24	7 22	6 49	5 20	0 37	4 56
T 5	23 16	22 9	3 3	25 27	1 57	10 59	2 42	22 26	3 17	18 3	0 45	5 41	2 38	21 2	0 34	22 22	1 8	14 15	8 24	7 20	6 48	5 24	0 36	4 56
F 6	23 19	25 55	3 57	25 31	1 59	11 21	2 43	22 30	3 19	18 4	0 45	5 41	2 38	21 1	0 34	22 22	1 8	14 15	8 24	7 17	6 47	5 27	0 34	4 56
S 7	23 22	27 59	4 36	25 33	2 2	11 42	2 43	22 35	3 22	18 5	0 45	5 41	2 38	21 0	0 34	22 22	1 8	14 15	8 24	7 14	6 46	5 31	0 33	4 57
S 8	23 25	28 14	4 58	25 33	2 4	12 3	2 44	22 39	3 25	18 6	0 45	5 41	2 37	21 0	0 34	22 22	1 8	14 15	8 24	7 9	6 44	5 34	0 32	4 57
M 9	23 27	26 43	5 2	25 32	2 6	12 24	2 44	22 44	3 27	18 7	0 46	5 41	2 37	20 59	0 34	22 22	1 8	14 15	8 24	7 5	6 43	5 37	0 31	4 57
T 10	23 29	23 45	4 49	25 30	2 8	12 45	2 44	22 49	3 30	18 9	0 46	5 41	2 37	20 58	0 34	22 22	1 8	14 15	8 24	7 1	6 42	5 41	0 30	4 58
W 11	23 30	19 40	4 22	25 26	2 9	13 5	2 44	22 54	3 33	18 10	0 46	5 41	2 36	20 58	0 34	22 22	1 8	14 15	8 24	6 57	6 41	5 44	0 29	4 58
T 12	23 31	14 50	3 43	25 20	2 10	13 26	2 44	22 59	3 35	18 11	0 46	5 42	2 36	20 57	0 34	22 22	1 8	14 14	8 23	6 55	6 39	5 47	0 29	4 58
F 13	23 31	9 31	2 54	25 13	2 10	13 46	2 43	23 5	3 38	18 13	0 47	5 42	2 36	20 56	0 34	22 22	1 8	14 14	8 23	6 54	6 38	5 51	0 28	4 59
S 14	23 31	3 58	1 58	25 4	2 10	14 6	2 43	23 10	3 40	18 14	0 47	5 42	2 36	20 56	0 34	22 22	1 8	14 14	8 23	6 53	6 37	5 54	0 27	4 59
S 15	23 30	1n40	0 58	24 53	2 9	14 26	2 42	23 16	3 43	18 16	0 47	5 42	2 35	20 55	0 34	22 22	1 8	14 14	8 23	6 53	6 36	5 58	0 26	4 59
M 16	23 29	7 14	0n 4	24 41	2 8	14 46	2 42	23 22	3 45	18 17	0 47	5 43	2 35	20 54	0 34	22 22	1 8	14 14	8 23	6 53	6 35	6 1	0 25	5 0
T 17	23 27	12 34	1 6	24 27	2 6	15 5	2 41	23 28	3 47	18 19	0 47	5 43	2 35	20 54	0 34	22 22	1 8	14 14	8 23	6 53	6 33	6 4	0 25	5 0
W 18	23 25	17 29	2 6	24 12	2 4	15 24	2 40	23 34	3 50	18 21	0 48	5 43	2 34	20 53	0 34	22 22	1 8	14 14	8 23	6 52	6 32	6 8	0 24	5 0
T 19	23 23	21 48	3 1	23 55	2 1	15 43	2 39	23 40	3 52	18 22	0 48	5 44	2 34	20 52	0 34	22 22	1 8	14 14	8 23	6 50	6 31	6 11	0 24	5 1
F 20	23 20	25 14	3 49	23 36	1 57	16 2	2 38	23 46	3 54	18 24	0 48	5 44	2 34	20 52	0 34	22 22	1 8	14 14	8 23	6 47	6 30	6 15	0 23	5 1
S 21	23 16	27 31	4 26	23 16	1 53	16 20	2 37	23 52	3 56	18 26	0 48	5 45	2 34	20 51	0 34	22 22	1 8	14 14	8 22	6 43	6 28	6 18	0 23	5 1
S 22	23 12	28 21	4 51	22 55	1 48	16 38	2 35	23 59	3 59	18 27	0 48	5 45	2 33	20 50	0 34	22 22	1 8	14 14	8 22	6 38	6 27	6 21	0 22	5 2
M 23	23 8	27 34	5 0	22 32	1 42	16 56	2 34	24 5	4 1	18 29	0 49	5 46	2 33	20 49	0 34	22 22	1 8	14 14	8 22	6 33	6 26	6 25	0 22	5 2
T 24	23 3 25	9 4	5 23	22 7	1 35	17 13	2 32	24 11	4 3	18 31	0 49	5 47	2 33	20 49	0 34	22 22	1 8	14 14	8 22	6 28	6 25	6 28	0 22	5 2
W 25	22 58	21 15	4 28	21 42	1 28	17 30	2 31	24 18	4 4	18 33	0 49	5 47	2 32	20 48	0 34	22 22	1 8	14 14	8 22	6 23	6 24	6 31	0 22	5 3
T 26	22 52	16 9	3 48	21 16	1 19	17 47	2 29	24 24	4 6	18 35	0 49	5 48	2 32	20 47	0 34	22 22	1 8	14 14	8 22	6 20	6 22	6 35	0 21	5 3
F 27	22 46	10 10	2 53	20 48	1 10	18 3	2 27	24 30	4 8	18 37	0 49	5 49	2 32	20 47	0 34	22 22	1 8	14 14	8 22	6 18	6 21	6 38	0 21	5 3
S 28	22 39	3 40	1 48	20 21	0 59	18 19	2 25	24 37	4 10	18 39	0 50	5 50	2 31	20 46	0 34	22 22	1 8	14 14	8 22	6 17	6 20	6 42	0 21	5 4
S 29	22 32</																							