

SWISS EPHEMERIS for the year 1428

JANUARY 1428 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	7 13 33	18°54'54	26°11' 7	20°31'11	11°35'56	0°25'25	0°36'36	16°33'33	9°7' 7	8°R51	3°R41	28°R22	27°Y42	29°Y39	27°54
F 2	7 17 30	19°55'59	8°59' 9	21°52' 1	13°12' 2	1°13' 1	0°50' 0	16°39' 9	9° 8	8°L49	3°E40	28°Y10	27°39	29°45	27°57
S 3	7 21 27	20°57'04	22° 7' 2	23°33' 2	14°27' 2	2° 0' 2	1° 4' 1	16°45' 9	9° 9	8°47	3°39	27°56	27°36	29°52	28° 1
S 4	7 25 23	21°58'07	5°03'22	25°15' 2	15°43' 2	2°47' 2	1°18' 1	16°52' 9	9°11	8°46	3°37	27°43	27°33	29°59	28° 4
M 5	7 29 20	22°59'10	19°10' 1	26°57' 2	16°58' 2	3°35' 2	1°33' 1	16°58' 9	9°12	8°44	3°36	27°31	27°30	0°5	28° 7
T 6	7 33 16	24° 0'13	2°17'57	28°40' 2	18°13' 2	4°22' 2	1°47' 1	17° 4' 9	9°13	8°43	3°35	27°21	27°27	0°12	28°11
W 7	7 37 13	25° 1'15	16°52' 0	29°23' 0	19°29' 0	5° 9' 2	2° 1' 1	17°10' 9	9°15	8°41	3°34	27°14	27°23	0°18	28°14
T 8	7 41 9	26° 2'16	0°51' 2	2° 7' 2	20°44' 2	5°57' 2	2°15' 1	17°16' 9	9°16	8°39	3°33	27°11	27°20	0°25	28°18
F 9	7 45 6	27° 3'16	14°53' 3	3°51' 2	21°59' 2	6°44' 2	2°30' 1	17°22' 9	9°18	8°38	3°32	27° 9	27°17	0°32	28°21
S 10	7 49 2	28° 4'16	28°57' 4	5°35' 2	23°15' 2	7°32' 2	2°44' 1	17°28' 9	9°19	8°36	3°31	27° 9	27°14	0°38	28°25
S 11	7 52 59	29° 5'16	13°11' 2	7°20' 2	24°30' 2	8°19' 2	2°58' 1	17°34' 9	9°21	8°34	3°29	27° 9	27°11	0°45	28°28
M 12	7 56 56	0°6'15	27° 8' 2	9° 5' 2	25°45' 2	9° 6' 2	3°12' 1	17°40' 9	9°22	8°33	3°28	27° 7	27° 8	0°52	28°32
T 13	8 0 52	1° 7'13	11°13' 2	10°50' 2	27° 1' 2	9°54' 2	3°27' 1	17°46' 9	9°24	8°31	3°27	27° 3	27° 4	0°58	28°36
W 14	8 4 49	2° 8'11	25°14' 2	12°35' 2	28°16' 2	10°41' 2	3°41' 1	17°51' 9	9°26	8°29	3°26	26°55	27° 1	1° 5	28°39
T 15	8 8 45	3° 9'08	9°3' 9	14°20' 2	29°31' 2	11°29' 2	3°55' 1	17°57' 9	9°28	8°28	3°25	26°45	26°58	1°12	28°43
F 16	8 12 42	4°10'03	22°55' 2	16° 4' 2	0°47' 2	12°16' 2	4° 9' 1	18° 3' 9	9°30	8°26	3°24	26°33	26°55	1°18	28°47
S 17	8 16 38	5°10'58	6°26' 2	17°48' 2	2° 2' 2	13° 4' 2	4°24' 1	18° 8' 9	9°31	8°24	3°23	26°19	26°52	1°25	28°50
S 18	8 20 35	6°11'51	19°41' 2	19°31' 2	3°17' 2	13°51' 2	4°38' 1	18°14' 9	9°33	8°23	3°22	26° 6	26°48	1°32	28°54
M 19	8 24 32	7°12'44	2°13'36	21°13' 2	4°33' 2	14°39' 2	4°52' 1	18°19' 9	9°35	8°21	3°21	25°55	26°45	1°38	28°58
T 20	8 28 28	8°13'34	15°13' 2	22°54' 2	5°48' 2	15°26' 2	5° 7' 1	18°24' 9	9°37	8°19	3°20	25°46	26°42	1°45	29° 2
W 21	8 32 25	9°14'24	27°33' 2	24°32' 2	7° 3' 2	16°14' 2	5°21' 1	18°30' 9	9°39	8°18	3°19	25°40	26°39	1°52	29° 5
T 22	8 36 21	10°15'11	9°Y37	26° 8' 2	8°18' 2	17° 1' 2	5°35' 1	18°35' 9	9°41	8°16	3°18	25°37	26°36	1°58	29° 9
F 23	8 40 18	11°15'58	21°31' 2	27°42' 2	9°34' 2	17°49' 2	5°49' 1	18°40' 9	9°43	8°14	3°17	25°D36	26°33	2° 5	29°13
S 24	8 44 14	12°16'42	3°B19	29°12' 2	10°49' 2	18°36' 2	6° 4' 1	18°45' 9	9°46	8°13	3°16	25°36	26°29	2°11	29°17
S 25	8 48 11	13°17'26	15° 7' 2	0°13'37	12° 4' 2	19°23' 2	6°18' 1	18°50' 9	9°48	8°11	3°15	25°R36	26°26	2°18	29°21
M 26	8 52 7	14°18'07	27° 0' 2	1°59' 2	13°19' 2	20°11' 2	6°32' 1	18°55' 9	9°50	8° 9	3°14	25°35	26°23	2°25	29°25
T 27	8 56 4	15°18'47	9°II 4	3°15' 2	14°35' 2	20°58' 2	6°46' 1	19° 0' 9	9°52	8° 7	3°13	25°32	26°20	2°31	29°29
W 28	9 0 0	16°19'25	21°24' 2	4°25' 2	15°50' 2	21°46' 2	7° 1' 1	19° 5' 9	9°55	8° 6	3°12	25°27	26°17	2°38	29°32
T 29	9 3 57	17°20'02	4°E 3	5°28' 2	17° 5' 2	22°33' 2	7°15' 1	19°10' 9	9°57	8° 4	3°12	25°20	26°14	2°45	29°36
F 30	9 7 54	18°20'37	17° 4' 2	6°23' 2	18°20' 2	23°21' 2	7°29' 1	19°15' 9	9°59	8° 2	3°11	25°10	26°10	2°51	29°40
S 31	9 11 50	19°21'10	0°L27	7°11'11	19°35' 2	24° 8' 2	7°43' 1	19°19' 9	10°Y 2	8°L 1	3°E10	24°Y59	26°Y 7	2°58	29°44

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	22s11	27n42	4n15	24s 0	2s 2	23s30	0s31	21s12	1s 6	20s36	0s32	21s30	1n20	3n 1	0s39	18n11	0n 5	20n46	2s42	10n56	10n41	11n33	7s 8	5n26
F 2	22 2 27 56	4 44 23 46	2 3 23 25	0 33 21 1	1 6 20 33	0 32 21 31	1 20 3 2	0 39 18 12	0 5 20 46	2 42 10 51	10 40 11 36	7 7 5 26												
S 3	21 53 26 36	4 59 23 30	2 4 23 19	0 36 20 51	1 6 20 30	0 32 21 32	1 20 3 2	0 39 18 12	0 5 20 46	2 42 10 47	10 39 11 39	7 6 5 26												
S 4	21 43 23 45	4 57 23 12	2 5 23 13	0 38 20 40	1 6 20 27	0 32 21 32	1 20 3 3	0 39 18 13	0 5 20 47	2 42 10 42	10 38 11 42	7 5 5 26												
M 5	21 33 19 32	4 39 22 53	2 5 23 6	0 40 20 29	1 6 20 24	0 32 21 33	1 20 3 3	0 39 18 13	0 5 20 47	2 41 10 37	10 37 11 45	7 4 5 25												
T 6	21 23 14 15	4 5 22 31	2 5 22 58	0 42 20 18	1 6 20 21	0 32 21 33	1 20 3 4	0 39 18 14	0 5 20 47	2 41 10 34	10 36 11 49	7 3 5 25												
W 7	21 12 8 12	3 16 22 9	2 4 22 49	0 44 20 6	1 6 20 18	0 32 21 34	1 20 3 5	0 39 18 14	0 5 20 47	2 41 10 31	10 35 11 52	7 2 5 25												
T 8	21 0 1 42	2 14 21 44	2 2 22 40	0 46 19 54	1 6 20 15	0 32 21 35	1 20 3 5	0 39 18 15	0 5 20 47	2 41 10 30	10 33 11 55	7 1 5 25												
F 9	20 49 4s54	1 4 21 18	2 1 22 30	0 48 19 42	1 6 20 12	0 32 21 35	1 20 3 6	0 39 18 15	0 5 20 47	2 41 10 30	10 32 11 58	7 0 5 24												
S 10	20 37 11 17	0s10	20 51 1 58	22 20 0 50	19 30 1 6 20	8 0 32 21 36	1 20 3 6	0 39 18 15	0 5 20 47	2 41 10 29	10 31 12 1 6 59	5 24												
S 11	20 24 17 7	1 23 20 21	1 55 22 9	0 52 19 18	1 6 20 5	0 33 21 36	1 20 3 7	0 39 18 16	0 5 20 47	2 41 10 29	10 30 12 4 6 58	5 24												
M 12	20 12 22 2	2 31 19 50	1 52 21 57	0 54 19 5	1 6 20 2	0 33 21 37	1 20 3 8	0 39 18 16	0 5 20 47	2 41 10 29	10 29 12 8 6 57	5 24												
T 13	19 58 25 40	3 30 19 18	1 48 21 44	0 56 18 53	1 6 19 59	0 33 21 37	1 20 3 8	0 39 18 17	0 5 20 48	2 41 10 27	10 28 12 11 6 56	5 24												
W 14	19 45 27 42	4 16 18 44	1 43 21 31	0 57 18 40	1 5 19 55	0 33 21 38	1 20 3 9	0 39 18 17	0 5 20 48	2 41 10 24	10 27 12 14 6 55	5 23												
T 15	19 31 27 58	4 46 18 8	1 38 21 17	0 59 18 26	1 5 19 52	0 33 21 38	1 20 3 10	0 39 18 18	0 5 20 48	2 41 10 21	10 25 12 17 6 54	5 23												
F 16	19 17 26 29	5 0 17 32	1 32 21 2	1 1 18 13	1 5 19 49	0 33 21 39	1 20 3 11	0 39 18 18	0 6 20 48	2 40 10 16	10 24 12 20 6 53	5 23												
S 17	19 2 23 29	4 56 16 53	1 25 20 47	1 3 17 59	1 5 19 45	0 33 21 39	1 20 3 11	0 39 18 19	0 6 20 48	2 40 10 11	10 23 12 23 6 52	5 23												
S 18	18 47 19 19	4 36 16 14	1 17 20 31	1 4 17 46	1 5 19 42	0 33 21 40	1 20 3 12	0 39 18 19	0 6 20 48	2 40 10 7	10 22 12 26 6 51	5 23												
M 19	18 32 14 20	4 2 15 34	1 9 20 15	1 6 17 32	1 5 19 39	0 33 21 40	1 20 3 13	0 39 18 19	0 6 20 48	2 40 10 3	10 21 12 30 6 50	5 23												
T 20	18 16 8 52	3 17 14 52	1 0 19 58	1 7 17 18	1 5 19 35	0 33 21 40	1 20 3 14	0 39 18 20	0 6 20 48	2 40 9 59	10 20 12 33 6 49	5 22												
W 21	18 0 3 10	2 23 14 10	0 50 19 41	1 9 17 3	1 5 19 32	0 33 21 41	1 20 3 15	0 39 18 20	0 6 20 48	2 40 9 57	10 19 12 36 6 47	5 22												
T 22	17 44 2n32	1 24 13 28	0 40 19 22	1 10 16 49	1 5 19 29	0 34 21 41	1 20 3 15	0 39 18 21	0 6 20 49	2 40 9 56	10 17 12 39 6 46	5 22												
F 23	17 27 8 5	0 22 12 45	0 28 19 4	1 11 16 34	1 5 19 25	0 34 21 42	1 21 3 16	0 39 18 21	0 6 20 49	2 40 9 56	10 16 12 42 6 45	5 22												
S 24	17 10 13 18	0n41	12 3 0 16	18 45 1 13	16 19 1 5 19	22 0 34 21 42	1 21 3 17	0 39 18 22	0 6 20 49	2 40 9 56	10 15 12 45 6 44	5 22												
S 25	16 53 18 3	1 42 11 20	0 3 18 25	1 14 16 4	1 4 19 18	0 34 21 42	1 21 3 18	0 39 18 22	0 6 20 49	2 40 9 56	10 14 12 48 6 43	5 22												
M 26	16 36 22 8	2 39 10 18	0n10	18 4 1 15	15 49 1 4 19	15 0 34 21 43	1 21 3 19	0 39 18 23	0 6 20 49	2 40 9 55	10 13 12 51 6 41	5 22												
T 27	16 18 25 20	3 30 9 58	0 25 17 44	1 16 15 34	1 4 19 11	0 34 21 43																		

SWISS EPHEMERIS for the year 1428

FEBRUARY 1428 JC

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Day	Sid.t	☉	☽	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒
S 1	9 15 47	20 ²² 141	14 ⁰² 12	7 ⁴⁹ 49	20 ⁵⁰ 50	24 ⁵⁵ 55	7 ⁵⁷ 57	19 ²⁴ 24	10 ⁰⁴ 4	7 ⁵⁹ 59	3 ⁰⁹ 9	24 ⁴⁷ 47	26 ⁰⁴ 4	3 ⁰⁵ 5	29 ⁴⁸ 48				
M 2	9 19 43	21 ²² 11	28 ¹⁴ 14	8 ¹⁸ 18	22 ⁰⁵ 5	25 ⁴³ 43	8 ¹¹ 11	19 ²⁸ 28	10 ⁰⁷ 7	7 ⁵⁸ 58	3 ⁰⁸ 8	24 ³⁷ 37	26 ⁰¹ 1	3 ¹¹ 11	29 ⁵² 52				
T 3	9 23 40	22 ²² 39	12 ⁰⁹ 29	8 ³⁸ 38	23 ²⁰ 20	26 ³⁰ 30	8 ²⁵ 25	19 ³³ 33	10 ⁰⁹ 9	7 ⁵⁶ 56	3 ⁰⁸ 8	24 ²⁹ 29	25 ⁰⁸ 8	3 ¹⁸ 18	29 ⁵⁶ 56				
W 4	9 27 36	23 ²³ 06	26 ⁵¹ 51	8 ⁴⁷ 47	24 ³⁶ 36	27 ¹⁸ 18	8 ⁴⁰ 40	19 ³⁷ 37	10 ¹² 12	7 ⁵⁴ 54	3 ⁰⁷ 7	24 ²³ 23	25 ⁰⁴ 4	3 ²⁵ 25	29 ⁵⁹ 59				
T 5	9 31 33	24 ²³ 31	11 ⁰⁵ 15	8 ⁴⁷ 47	25 ⁵¹ 51	28 ⁰⁵ 05	8 ⁵⁴ 54	19 ⁴¹ 41	10 ¹⁵ 15	7 ⁵³ 53	3 ⁰⁶ 6	24 ²⁰ 20	25 ⁰¹ 1	3 ³¹ 31	0 ⁰⁴ 4				
F 6	9 35 29	25 ²³ 55	25 ³⁷ 37	8 ³⁶ 36	27 ⁰⁶ 06	28 ⁵² 52	9 ⁰⁸ 08	19 ⁴⁵ 45	10 ¹⁷ 17	7 ⁵¹ 51	3 ⁰⁵ 5	24 ^{D20} 20	25 ⁴⁸ 48	3 ³⁸ 38	0 ⁰⁸ 8				
S 7	9 39 26	26 ²⁴ 17	9 ⁰⁵ 02	8 ¹⁶ 16	28 ²¹ 21	29 ⁴⁰ 40	9 ²² 22	19 ⁵⁰ 50	10 ²⁰ 20	7 ⁴⁹ 49	3 ⁰⁵ 5	24 ²⁰ 20	25 ⁴⁵ 45	3 ⁴⁵ 45	0 ¹² 12				
S 8	9 43 23	27 ²⁴ 38	24 ⁰⁰ 00	7 ⁴⁶ 46	29 ³⁶ 36	0 ⁰⁴ 27	9 ³⁶ 36	19 ⁵⁴ 54	10 ²³ 23	7 ⁴⁸ 48	3 ⁰⁴ 4	24 ^{R21} 21	25 ⁴² 42	3 ⁵¹ 51	0 ¹⁶ 16				
M 9	9 47 19	28 ²⁴ 58	7 ⁴⁷ 59	7 ⁰⁸ 08	0 ⁰⁴ 51	1 ¹⁴ 14	9 ⁴⁹ 49	19 ⁵⁸ 58	10 ²⁵ 25	7 ⁴⁶ 46	3 ⁰³ 3	24 ²¹ 21	25 ³⁹ 39	3 ⁵⁸ 58	0 ²⁰ 20				
T 10	9 51 16	29 ²⁵ 16	21 ⁵⁰ 50	6 ²² 22	2 ⁰⁶ 06	2 ⁰² 02	10 ⁰³ 03	20 ⁰¹ 01	10 ²⁸ 28	7 ⁴⁵ 45	3 ⁰³ 3	24 ¹⁸ 18	25 ³⁵ 35	4 ⁰⁴ 04	0 ²⁴ 24				
W 11	9 55 12	0 ⁰⁴ 2533	5 ⁰³ 30	5 ³⁰ 30	3 ²¹ 21	2 ⁴⁹ 49	10 ¹⁷ 17	20 ⁰⁵ 05	10 ³¹ 31	7 ⁴³ 43	3 ⁰² 2	24 ¹⁴ 14	25 ³² 32	4 ¹¹ 11	0 ²⁸ 28				
T 12	9 59 9	1 ²⁵ 48	19 ⁰⁰ 00	4 ³³ 33	4 ³⁶ 36	3 ³⁶ 36	10 ³¹ 31	20 ⁰⁹ 09	10 ³⁴ 34	7 ⁴² 42	3 ⁰² 2	24 ⁰⁷ 07	25 ²⁹ 29	4 ¹⁸ 18	0 ³² 32				
F 13	10 3 5	2 ²⁶ 01	2 ⁰⁰ 19	3 ³³ 33	5 ⁵¹ 51	4 ²³ 23	10 ⁴⁵ 45	20 ¹³ 13	10 ³⁶ 36	7 ⁴⁰ 40	3 ⁰¹ 1	23 ⁵⁸ 58	25 ²⁶ 26	4 ²⁴ 24	0 ³⁶ 36				
S 14	10 7 2	3 ²⁶ 13	15 ²⁶ 26	2 ³¹ 31	7 ⁰⁶ 06	5 ¹¹ 11	10 ⁵⁹ 59	20 ¹⁶ 16	10 ³⁹ 39	7 ³⁹ 39	3 ⁰¹ 1	23 ⁴⁹ 49	25 ²³ 23	4 ³¹ 31	0 ⁴⁰ 40				
S 15	10 10 59	4 ²⁶ 23	28 ¹⁹ 19	1 ²⁸ 28	8 ²¹ 21	5 ⁵⁸ 58	11 ¹² 12	20 ²⁰ 20	10 ⁴² 42	7 ³⁷ 37	3 ⁰⁰ 0	23 ⁴⁰ 40	25 ²⁰ 20	4 ³⁸ 38	0 ⁴⁴ 44				
M 16	10 14 55	5 ²⁶ 31	10 ⁰⁴ 58	0 ²⁶ 26	9 ³⁵ 35	6 ⁴⁵ 45	11 ²⁶ 26	20 ²³ 23	10 ⁴⁵ 45	7 ³⁶ 36	3 ⁰⁰ 0	23 ³² 32	25 ¹⁶ 16	4 ⁴⁴ 44	0 ⁴⁸ 48				
T 17	10 18 52	6 ²⁶ 38	23 ²² 22	29 ²⁷ 27	10 ⁵⁰ 50	7 ³² 32	11 ⁴⁰ 40	20 ²⁶ 26	10 ⁴⁸ 48	7 ³⁴ 34	2 ⁵⁹ 59	23 ²⁵ 25	25 ¹³ 13	4 ⁵¹ 51	0 ⁵² 52				
W 18	10 22 48	7 ²⁶ 42	5 ⁰⁴ 34	28 ³¹ 31	12 ⁰⁵ 05	8 ¹⁹ 19	11 ⁵³ 53	20 ²⁹ 29	10 ⁵¹ 51	7 ³³ 33	2 ⁵⁹ 59	23 ²¹ 21	25 ¹⁰ 10	4 ⁵⁸ 58	0 ⁵⁶ 56				
T 19	10 26 45	8 ²⁶ 44	17 ³⁴ 34	27 ³⁹ 39	13 ²⁰ 20	9 ⁰⁶ 06	12 ⁰⁷ 07	20 ³² 32	10 ⁵⁴ 54	7 ³¹ 31	2 ⁵⁸ 58	23 ²⁰ 20	25 ⁰⁷ 07	5 ⁰⁴ 04	1 ⁰⁰ 00				
F 20	10 30 41	9 ²⁶ 44	29 ²⁶ 26	26 ⁵³ 53	14 ³⁵ 35	9 ⁵⁴ 54	12 ²¹ 21	20 ³⁵ 35	10 ⁵⁷ 57	7 ³⁰ 30	2 ⁵⁸ 58	23 ^{D20} 20	25 ⁰⁴ 04	5 ¹¹ 11	1 ⁰³ 03				
S 21	10 34 38	10 ²⁶ 42	11 ⁰⁴ 14	26 ¹³ 13	15 ⁵⁰ 50	10 ⁴¹ 41	12 ³⁴ 34	20 ³⁸ 38	11 ⁰⁰ 00	7 ²⁹ 29	2 ⁵⁷ 57	23 ²¹ 21	25 ⁰⁰ 00	5 ¹⁸ 18	1 ⁰⁷ 07				
S 22	10 38 34	11 ²⁶ 38	23 ⁰² 02	25 ³⁹ 39	17 ⁰⁵ 05	11 ²⁸ 28	12 ⁴⁷ 47	20 ⁴¹ 41	11 ⁰³ 03	7 ²⁷ 27	2 ⁵⁷ 57	23 ²² 22	24 ⁵⁷ 57	5 ²⁴ 24	1 ¹¹ 11				
M 23	10 42 31	12 ²⁶ 32	4 ¹¹ 54	25 ¹¹ 11	18 ¹⁹ 19	12 ¹⁵ 15	13 ⁰¹ 01	20 ⁴⁴ 44	11 ⁰⁶ 06	7 ²⁶ 26	2 ⁵⁷ 57	23 ²⁴ 24	24 ⁵⁴ 54	5 ³¹ 31	1 ¹⁵ 15				
T 24	10 46 27	13 ²⁶ 23	16 ⁵⁷ 57	24 ⁵⁰ 50	19 ³⁴ 34	13 ⁰² 02	13 ¹⁴ 14	20 ⁴⁷ 47	11 ¹⁰ 10	7 ²⁵ 25	2 ⁵⁶ 56	23 ^{R24} 24	24 ⁵¹ 51	5 ³⁷ 37	1 ¹⁹ 19				
W 25	10 50 24	14 ²⁶ 12	29 ¹⁵ 15	24 ³⁶ 36	20 ⁴⁹ 49	13 ⁴⁹ 49	13 ²⁷ 27	20 ⁴⁹ 49	11 ¹³ 13	7 ²³ 23	2 ⁵⁶ 56	23 ²³ 23	24 ⁴⁸ 48	5 ⁴⁴ 44	1 ²³ 23				
T 26	10 54 21	15 ²⁵ 59	11 ⁰⁵ 54	24 ²⁸ 28	22 ⁰⁴ 04	14 ³⁶ 36	13 ⁴¹ 41	20 ⁵² 52	11 ¹⁶ 16	7 ²² 22	2 ⁵⁶ 56	23 ²⁰ 20	24 ⁴⁵ 45	5 ⁵¹ 51	1 ²⁷ 27				
F 27	10 58 17	16 ²⁵ 44	24 ⁵⁵ 55	24 ^{D26} 26	23 ¹⁸ 18	15 ²² 22	13 ⁵⁴ 54	20 ⁵⁴ 54	11 ¹⁹ 19	7 ²¹ 21	2 ⁵⁶ 56	23 ¹⁵ 15	24 ⁴¹ 41	5 ⁵⁷ 57	1 ³¹ 31				
S 28	11 2 14	17 ²⁵ 26	8 ⁰² 22	24 ³⁰ 30	24 ³³ 33	16 ⁰⁹ 09	14 ⁰⁷ 07	20 ⁵⁶ 56	11 ²² 22	7 ²⁰ 20	2 ⁵⁵ 55	23 ¹⁰ 10	24 ³⁸ 38	6 ⁰⁴ 04	1 ³⁵ 35				
S 29	11 6 10	18 ²⁵ 07	22 ⁰² 15	24 ⁴⁰ 40	25 ⁴⁸ 48	16 ⁵⁶ 56	14 ²⁰ 20	20 ⁵⁹ 59	11 ²⁵ 25	7 ¹⁹ 19	2 ⁵⁵ 55	23 ⁰⁴ 04	24 ³⁵ 35	6 ¹¹ 11	1 ³⁹ 39				

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	decl	lat	decl	lat	decl	lat		
S 1	14s45	21n11	4n46	7s 5	1n42	15s52	1s21	14s15	1s 3	18s54	0s35	21s45	1n21	3n25	0s38	18n25	0n 6	20n50	2s39	9n38	10n 6	13n10	6s34	5n21												
M 2	14 25 16	4 4	13 6	4 40	1 58	15 29	1 22	13 59	1 3	18 50	0 35	21 45	1 21	3 26	0 38	18 26	0 6	20 50	2 39	9 34	10 5	13 13	6 33	5 21												
T 3	14 6 10	2 3	4 23	6 18	2 13	15 5	1 23	13 42	1 3	18 46	0 35	21 45	1 21	3 27	0 38	18 26	0 6	20 50	2 39	9 31	10 4	13 16	6 31	5 21												
W 4	13 46 3 25	2 21	6 0	2 28	14 40	1 23	13 26	1 3	18 43	0 35	21 46	1 21	3 28	0 38	18 27	0 6	20 50	2 39	9 29	10 2	13 19	6 30	5 21													
T 5	13 26 3s24	1 9	5 47	2 43	14 16	1 24	13 9	1 3	18 39	0 35	21 46	1 21	3 29	0 38	18 27	0 6	20 50	2 38	9 28	10 1	13 23	6 29	5 20													
F 6	13 6 10	2 0s 7	5 39	2 56	13 50	1 24	12 53	1 2	18 36	0 35	21 46	1 21	3 30	0 38	18 27	0 6	20 50	2 38	9 28	10 0	13 26	6 28	5 20													
S 7	12 45 16	7 1	22 5	3 35	8 13	25 1	2 5	12 36	1 2	18 32	0 35	21 46	1 21	3 31	0 38	18 28	0 6	20 51	2 38	9 28	10 9	13 29	6 26	5 20												
S 8	12 25 21	17 2	32 5	3 36	3 19	12 59	1 25	12 19	1 2	18 28	0 35	21 47	1 21	3 32	0 38	18 28	0 6	20 51	2 38	9 28	9 58	13 32	6 25	5 20												
M 9	12 4 25	12 3	32 5	4 2	3 28	12 32	1 26	12 2	1 2	18 25	0 35	21 47	1 21	3 33	0 38	18 29	0 6	20 51	2 38	9 28	9 57	13 35	6 24	5 20												
T 10	11 43 27	34 4	19 5	5 2	3 36	12 6	1 26	11 45	1 1	18 21	0 36	21 47	1 21	3 34	0 38	18 29	0 6	20 51	2 38	9 27	9 55	13 38	6 22	5 20												
W 11	11 21 28	14 4	5 0	6 6	3 41	11 39	1 26	11 27	1 1	18 18	0 36	21 47	1 21	3 35	0 38	18 29	0 6	20 51	2 38	9 25	9 54	13 41	6 21	5 20												
T 12	11 0 27	12 5	6 24	3 5	6 24	11 12	1 26	11 10	1 1	18 14	0 36	21 48	1 22	3 37	0 38	18 30	0 6	20 51	2 38	9 23	9 53	13 44	6 20	5 20												
F 13	10 38 24	37 5	3 6	4 5	3 45	10 44	1 26	10 52	1 1	18 10	0 36	21 48	1 22	3 38	0 38	18 30	0 6	20 51	2 38	9 20	9 52	13 47	6 18	5 20												
S 14	10 17 20	47 4	4 5	7 8	3 44	10 16	1 26	10 35	1 0	18 7	0 36	21 48	1 22	3 39	0 38	18 31	0 6	20 51	2 37	9 16	9 51	13 50	6 17	5 20												
S 15	9 55 16	3 4	13 7	7 33	3 40	9 48	1 26	10 17	1 0	18 3	0 36	21 48	1 22	3 40	0 38	18 31	0 6	20 52	2 37	9 13	9 50	13 53	6 16	5 20												
M 16	9 33 10	41 3	28 8	0 3	3 35	9 20	1 26	9 59	1 0	17 59	0 36	21 48	1 22	3 41	0 38	18 31	0 6	20 52	2 37	9 10	9 48	13 56	6 14	5 20												
T 17	9 11 5 0	2 35	8 28	3 28	8 51	1 26	9 41	1 0	17 56	0 36	21 49	1 22	3 42	0 38	18 32	0 6	20 52	2 37	9 8	9 47	14 0	6 13	5 20													
W 18	8 48 0n46	1 35	8 55	3 19	8 22	1 26	9 24	0 59	17 52	0 37	21 49	1																								

SWISS EPHEMERIS for the year 1428

MARCH 1428 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	11 10 7	19 ^h 24'44"	6 ^m 31"	24 ^s 56"	27 ^h 2	17 ^h 43	14 ^h 33	21 ^h 1	11 ^h 29	7 ^h 17	2 ^h 55	22 ^h 59	24 ^h 32	6 ^h 17	1 ^h 42
T 2	11 14 3	20 ^h 24'20"	21 ^m 6"	25 ^s 16"	28 ^h 17	18 ^h 30	14 ^h 46	21 ^h 3	11 ^h 32	7 ^h 16	2 ^h 55	22 ^h 55	24 ^h 29	6 ^h 24	1 ^h 46
W 3	11 18 0	21 ^h 23'54"	5 ^m 52"	25 ^s 42"	29 ^h 31	19 ^h 17	14 ^h 59	21 ^h 5	11 ^h 35	7 ^h 15	2 ^h 55	22 ^h 52	24 ^h 25	6 ^h 31	1 ^h 50
T 4	11 21 56	22 ^h 23'26"	20 ^m 42"	26 ^s 12"	0 ^h 46	20 ^h 3	15 ^h 12	21 ^h 6	11 ^h 38	7 ^h 14	2 ^h 55	22 ^h 51	24 ^h 22	6 ^h 37	1 ^h 54
F 5	11 25 53	23 ^h 22'56"	5 ^m 29"	26 ^s 47"	2 ^h 0	20 ^h 50	15 ^h 24	21 ^h 8	11 ^h 42	7 ^h 13	2 ^h 54	22 ^h 52	24 ^h 19	6 ^h 44	1 ^h 57
S 6	11 29 50	24 ^h 22'24"	20 ^m 7"	27 ^s 26"	3 ^h 15	21 ^h 37	15 ^h 37	21 ^h 10	11 ^h 45	7 ^h 12	2 ^h 54	22 ^h 53	24 ^h 16	6 ^h 51	2 ^h 1
S 7	11 33 46	25 ^h 21'50"	4 ^m 30"	28 ^s 8"	4 ^h 29	22 ^h 23	15 ^h 50	21 ^h 11	11 ^h 48	7 ^h 11	2 ^h 54	22 ^h 54	24 ^h 13	6 ^h 57	2 ^h 5
M 8	11 37 43	26 ^h 21'15"	18 ^m 37"	28 ^s 54"	5 ^h 44	23 ^h 10	16 ^h 2	21 ^h 13	11 ^h 52	7 ^h 10	2 ^h 54	22 ^h 56	24 ^h 10	7 ^h 4	2 ^h 9
T 9	11 41 39	27 ^h 20'38"	2 ^m 37"	29 ^s 44"	6 ^h 58	23 ^h 56	16 ^h 15	21 ^h 14	11 ^h 55	7 ^h 9	2 ^h 54	22 ^h 56	24 ^h 6	7 ^h 11	2 ^h 12
W10	11 45 36	28 ^h 19'59"	15 ^m 59"	0 ^h 37	8 ^h 13	24 ^h 43	16 ^h 27	21 ^h 15	11 ^h 58	7 ^h 8	2 ^h 54	22 ^h 55	24 ^h 3	7 ^h 17	2 ^h 16
T 11	11 49 32	29 ^h 19'18"	29 ^m 14"	1 ^s 33	9 ^h 27	25 ^h 29	16 ^h 40	21 ^h 16	12 ^h 2	7 ^h 7	2 ^h 55	22 ^h 52	24 ^h 0	7 ^h 24	2 ^h 20
F 12	11 53 29	0 ^h 18'36"	12 ^m 33"	2 ^s 32	10 ^h 42	26 ^h 16	16 ^h 52	21 ^h 17	12 ^h 5	7 ^h 6	2 ^h 55	22 ^h 49	23 ^h 57	7 ^h 31	2 ^h 23
S 13	11 57 25	1 ^h 17'51"	24 ^m 58"	3 ^s 33	11 ^h 56	27 ^h 2	17 ^h 4	21 ^h 18	12 ^h 9	7 ^h 5	2 ^h 55	22 ^h 46	23 ^h 54	7 ^h 37	2 ^h 27
S 14	12 1 22	2 ^h 17'05"	7 ^m 31"	4 ^s 37	13 ^h 10	27 ^h 49	17 ^h 16	21 ^h 19	12 ^h 12	7 ^h 4	2 ^h 55	22 ^h 43	23 ^h 51	7 ^h 44	2 ^h 30
M15	12 5 19	3 ^h 16'16"	19 ^m 51"	5 ^s 44	14 ^h 25	28 ^h 35	17 ^h 28	21 ^h 20	12 ^h 15	7 ^h 4	2 ^h 55	22 ^h 40	23 ^h 47	7 ^h 50	2 ^h 34
T 16	12 9 15	4 ^h 15'26"	2 ^m 41"	6 ^s 53	15 ^h 39	29 ^h 21	17 ^h 40	21 ^h 21	12 ^h 19	7 ^h 3	2 ^h 55	22 ^h 38	23 ^h 44	7 ^h 57	2 ^h 38
W17	12 13 12	5 ^h 14'33"	14 ^m 2"	8 ^s 4	16 ^h 53	0 ^h 48	17 ^h 52	21 ^h 21	12 ^h 22	7 ^h 2	2 ^h 55	22 ^h 37	23 ^h 41	8 ^h 4	2 ^h 41
T 18	12 17 8	6 ^h 13'39"	25 ^m 56"	9 ^s 17	18 ^h 7	0 ^h 54	18 ^h 4	21 ^h 22	12 ^h 26	7 ^h 1	2 ^h 56	22 ^h 36	23 ^h 38	8 ^h 10	2 ^h 44
F 19	12 21 5	7 ^h 12'42"	7 ^m 46"	10 ^s 33	19 ^h 22	1 ^h 40	18 ^h 16	21 ^h 22	12 ^h 29	7 ^h 1	2 ^h 56	22 ^h 37	23 ^h 35	8 ^h 17	2 ^h 48
S 20	12 25 1	8 ^h 11'43"	19 ^m 33"	11 ^s 50	20 ^h 36	2 ^h 26	18 ^h 27	21 ^h 22	12 ^h 32	7 ^h 0	2 ^h 56	22 ^h 38	23 ^h 31	8 ^h 24	2 ^h 51
S 21	12 28 58	9 ^h 10'42"	1 ^m 21"	13 ^s 9	21 ^h 50	3 ^h 12	18 ^h 39	21 ^h 22	12 ^h 36	7 ^h 0	2 ^h 56	22 ^h 39	23 ^h 28	8 ^h 30	2 ^h 55
M22	12 32 54	10 ^h 9'39"	13 ^m 15"	14 ^s 31	23 ^h 4	3 ^h 59	18 ^h 50	21 ^h 22	12 ^h 39	6 ^h 59	2 ^h 57	22 ^h 41	23 ^h 25	8 ^h 37	2 ^h 58
T 23	12 36 51	11 ^h 8'33"	25 ^m 17"	15 ^s 54	24 ^h 18	4 ^h 45	19 ^h 2	21 ^h 22	12 ^h 43	6 ^h 58	2 ^h 57	22 ^h 41	23 ^h 22	8 ^h 44	3 ^h 1
W24	12 40 48	12 ^h 7'26"	7 ^m 34"	17 ^s 19	25 ^h 32	5 ^h 31	19 ^h 13	21 ^h 22	12 ^h 46	6 ^h 58	2 ^h 57	22 ^h 42	23 ^h 19	8 ^h 50	3 ^h 5
T 25	12 44 44	13 ^h 6'16"	20 ^m 8"	18 ^s 45	26 ^h 46	6 ^h 16	19 ^h 24	21 ^h 22	12 ^h 50	6 ^h 57	2 ^h 58	22 ^h 42	23 ^h 16	8 ^h 57	3 ^h 8
F 26	12 48 41	14 ^h 5'03"	3 ^m 25"	20 ^s 14	28 ^h 0	7 ^h 2	19 ^h 35	21 ^h 21	12 ^h 53	6 ^h 57	2 ^h 58	22 ^h 41	23 ^h 12	9 ^h 4	3 ^h 11
S 27	12 52 37	15 ^h 3'48"	16 ^m 27"	21 ^s 44	29 ^h 14	7 ^h 48	19 ^h 46	21 ^h 21	12 ^h 57	6 ^h 56	2 ^h 59	22 ^h 41	23 ^h 9	9 ^h 10	3 ^h 14
S 28	12 56 34	16 ^h 2'31"	0 ^m 17"	23 ^s 15	0 ^h 28	8 ^h 34	19 ^h 57	21 ^h 21	13 ^h 0	6 ^h 56	2 ^h 59	22 ^h 40	23 ^h 6	9 ^h 17	3 ^h 17
M29	13 0 30	17 ^h 1'12"	14 ^m 32"	24 ^s 49	1 ^h 42	9 ^h 20	20 ^h 8	21 ^h 20	13 ^h 3	6 ^h 56	3 ^h 0	22 ^h 39	23 ^h 3	9 ^h 24	3 ^h 21
T 30	13 4 27	17 ^h 59'50"	29 ^m 12"	26 ^s 24	2 ^h 56	10 ^h 6	20 ^h 19	21 ^h 19	13 ^h 7	6 ^h 55	3 ^h 0	22 ^h 39	23 ^h 0	9 ^h 30	3 ^h 24
W31	13 8 23	18 ^h 58'27"	14 ^m 8"	28 ^s 40	4 ^h 10	10 ^h 51	20 ^h 29	21 ^h 18	13 ^h 10	6 ^h 55	3 ^h 1	22 ^h 38	22 ^h 56	9 ^h 37	3 ^h 27

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	4s12	12n39	3n46	12s39	0n38	2s22	1s18	5s43	0s55	17s 8	0s38	21s50	1n23	3n59	0s38	18n36	0n 6	20n53	2s36	8n58	9n32	14n39	5s55	5n20
T 2	3 49	6 4	2 45	12 45	0 25	1 52	1 17	5 24	0 55	17 4	0 38	21 50	1 23	4 0	0 38	18 37	0 6	20 54	2 35	8 56	9 31	14 42	5 54	5 20
W 3	3 25	0s56	1 32	12 49	0 12	1 21	1 16	5 6	0 55	17 0	0 38	21 50	1 23	4 1	0 38	18 37	0 6	20 54	2 35	8 55	9 30	14 45	5 52	5 20
T 4	3 2	7 56	0 12	12 50	0s 1	0 50	1 15	4 47	0 54	16 57	0 39	21 50	1 23	4 2	0 38	18 37	0 6	20 54	2 35	8 55	9 29	14 48	5 51	5 20
F 5	2 38	14 28	1s 9	12 50	0 13	0 19	1 13	4 28	0 54	16 53	0 39	21 50	1 23	4 4	0 38	18 37	0 6	20 54	2 35	8 55	9 27	14 51	5 49	5 20
S 6	2 15	20 8	2 24	12 48	0 25	0n12	1 12	4 9	0 53	16 49	0 39	21 50	1 23	4 5	0 38	18 38	0 6	20 54	2 35	8 56	9 26	14 54	5 48	5 20
S 7	1 51	24 32	3 29	12 43	0 36	0 42	1 11	3 51	0 53	16 46	0 39	21 50	1 23	4 6	0 38	18 38	0 6	20 54	2 35	8 56	9 25	14 57	5 47	5 20
M 8	1 27	27 21	4 20	12 37	0 47	1 13	1 9	3 32	0 53	16 42	0 39	21 50	1 23	4 8	0 38	18 38	0 6	20 54	2 35	8 56	9 24	15 0	5 45	5 20
T 9	1 4	28 24	4 55	12 29	0 57	1 44	1 8	3 13	0 52	16 39	0 39	21 50	1 23	4 9	0 38	18 39	0 6	20 54	2 35	8 57	9 23	15 3	5 44	5 21
W10	0 40	27 43	5 12	12 20	1 6	2 15	1 7	2 54	0 52	16 35	0 40	21 50	1 23	4 10	0 38	18 39	0 6	20 55	2 35	8 56	9 22	15 6	5 43	5 21
T 11	0 16	25 28	5 13	12 8	1 16	2 46	1 5	2 35	0 51	16 31	0 40	21 50	1 23	4 12	0 38	18 39	0 6	20 55	2 34	8 55	9 20	15 9	5 41	5 21
F 12	0n 7	21 56	4 57	11 55	1 24	3 16	1 3	2 16	0 51	16 28	0 40	21 50	1 24	4 13	0 38	18 39	0 6	20 55	2 34	8 54	9 19	15 12	5 40	5 21
S 13	0 31	17 25	4 26	11 40	1 32	3 47	1 2	1 57	0 51	16 24	0 40	21 50	1 24	4 14	0 38	18 39	0 6	20 55	2 34	8 53	9 18	15 15	5 38	5 21
S 14	0 55	12 14	3 44	11 24	1 40	4 18	1 0	1 38	0 50	16 21	0 40	21 50	1 24	4 16	0 38	18 40	0 6	20 55	2 34	8 52	9 17	15 18	5 37	5 21
M15	1 18	6 39	2 51	11 6	1 47	4 48	0 58	1 19	0 50	16 17	0 40	21 50	1 24	4 17	0 38	18 40	0 6	20 55	2 34	8 51	9 16	15 21	5 36	5 21
T 16	1 42	0 54	1 51	10 46	1 54	5 19	0 56	1 1	0 49	16 14	0 41	21 50	1 24	4 18	0 37	18 40	0 6	20 55	2 34	8 50	9 15	15 24	5 34	5 21
W17	2 5	4n50	0 47	10 25	2 0	5 49	0 55	0 42	0 49	16 10	0 41	21 50	1 24	4 20	0 37	18 40	0 6	20 55	2 34	8 49	9 13	15 27	5 33	5 21
T 18	2 29	10 20	0n18	10 3	2 5	6 19	0 53	0 23	0 48	16 7	0 41	21 50	1 24	4 21	0 37	18 40	0 6	20 55	2 34	8 49	9 12	15 30	5 32	5 21
F 19	2																							

SWISS EPHEMERIS for the year 1428

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	13 12 20	19°57'01	29°15	29°39	5°24	11°37	20°40	21°R17	13°Y14	6°R55	3°E 1	22°D38	22°Y53	9°B44	3°K30								
F 2	13 16 16	20°55'34	14°M23	1°Y19	6°38	12°22	20°50	21°A16	13°17	6°L55	3° 2	22°Y39	22°50	9°50	3°33								
S 3	13 20 13	21°54'04	29°22	3° 0	7°52	13° 8	21° 0	21°15	13°20	6°54	3° 2	22°39	22°47	9°57	3°36								
S 4	13 24 10	22°52'34	14°A 6	4°44	9° 5	13°53	21°11	21°14	13°24	6°54	3° 3	22°R39	22°44	10° 3	3°38								
M 5	13 28 6	23°51'01	28°29	6°29	10°19	14°39	21°21	21°13	13°27	6°54	3° 4	22°39	22°41	10°10	3°41								
T 6	13 32 3	24°49'27	12°B28	8°15	11°33	15°24	21°31	21°11	13°31	6°54	3° 4	22°38	22°37	10°17	3°44								
W 7	13 35 59	25°47'51	26° 2	10° 4	12°46	16°10	21°41	21°10	13°34	6°54	3° 5	22°D38	22°34	10°23	3°47								
T 8	13 39 56	26°46'14	9°A13	11°54	14° 0	16°55	21°50	21° 8	13°37	6°54	3° 6	22°39	22°31	10°30	3°50								
F 9	13 43 52	27°44'35	22° 3	13°45	15°14	17°40	22° 0	21° 7	13°41	6°D54	3° 6	22°39	22°28	10°37	3°52								
S 10	13 47 49	28°42'55	4°K36	15°39	16°27	18°25	22° 9	21° 5	13°44	6°54	3° 7	22°39	22°25	10°43	3°55								
S 11	13 51 46	29°41'12	16°54	17°34	17°41	19°11	22°19	21° 3	13°48	6°54	3° 8	22°40	22°22	10°50	3°58								
M12	13 55 42	0°B39'28	29° 1	19°31	18°55	19°56	22°28	21° 1	13°51	6°54	3° 9	22°41	22°18	10°57	4° 0								
T 13	13 59 39	1°37'43	10°Y59	21°29	20° 8	20°41	22°37	20°59	13°54	6°54	3° 9	22°41	22°15	11° 3	4° 3								
W14	14 3 35	2°35'56	23°29	23°29	21°22	21°26	22°46	20°57	13°57	6°54	3°10	22°R42	22°12	11°10	4° 5								
T 15	14 7 32	3°34'07	4°B40	25°31	22°35	22°11	22°55	20°55	14° 1	6°55	3°11	22°41	22° 9	11°17	4° 8								
F 16	14 11 28	4°32'16	16°28	27°34	23°49	22°56	23° 4	20°52	14° 4	6°55	3°12	22°40	22° 6	11°23	4°10								
S 17	14 15 25	5°30'24	28°16	29°39	25° 2	23°41	23°12	20°50	14° 7	6°55	3°13	22°39	22° 2	11°30	4°12								
S 18	14 19 21	6°28'30	10°II 8	1°B45	26°15	24°25	23°21	20°48	14°11	6°55	3°14	22°37	21°59	11°37	4°15								
M19	14 23 18	7°26'34	22° 5	3°52	27°29	25°10	23°29	20°45	14°14	6°56	3°15	22°35	21°56	11°43	4°17								
T 20	14 27 14	8°24'36	4°E12	6° 0	28°42	25°55	23°38	20°42	14°17	6°56	3°16	22°33	21°53	11°50	4°19								
W21	14 31 11	9°22'36	16°30	8° 9	29°55	26°39	23°46	20°40	14°20	6°56	3°17	22°31	21°50	11°57	4°21								
T 22	14 35 8	10°20'35	29° 4	10°19	1°II 9	27°24	23°54	20°37	14°23	6°57	3°18	22°30	21°47	12° 3	4°23								
F 23	14 39 4	11°18'32	11°L57	12°30	2°22	28° 9	24° 1	20°34	14°27	6°57	3°19	22°D29	21°43	12°10	4°25								
S 24	14 43 1	12°16'26	25°12	14°40	3°35	28°53	24° 9	20°31	14°30	6°58	3°20	22°30	21°40	12°17	4°27								
S 25	14 46 57	13°14'19	8°M52	16°51	4°48	29°38	24°17	20°28	14°33	6°58	3°21	22°31	21°37	12°23	4°29								
M26	14 50 54	14°12'10	22°57	19° 1	6° 1	0°B22	24°24	20°25	14°36	6°59	3°22	22°32	21°34	12°30	4°31								
T 27	14 54 50	15° 9'59	7°E28	21°11	7°15	1° 6	24°31	20°22	14°39	6°59	3°23	22°33	21°31	12°36	4°33								
W28	14 58 47	16° 7'47	22°20	23°20	8°28	1°51	24°38	20°19	14°42	7° 0	3°24	22°R34	21°28	12°43	4°35								
T 29	15 2 43	17° 5'33	7°M28	25°28	9°41	2°35	24°45	20°16	14°45	7° 1	3°25	22°33	21°24	12°50	4°37								
F 30	15 6 40	18° 3'17	22°M42	27°B34	10°II54	3°B19	24°52	20°12	14°48	7°L 1	3°E26	22°Y32	21°Y21	12°B56	4°K38								

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	7n49	11s49	0s37	2s25	2s29	13n 1	0s22	3n58	0s42	15s20	0s43	21s49	1n25	4n40	0s37	18n42	0n 6	20n57	2s32	8n50	8n56	16n11	5s14	5n23
F 2	8 12 18	5 1 58	1 43	2 26	13 28	0 20	4 16	0 41	15 17	0 44	21 49	1 25	4 41	0 37	18 42	0 6	20 57	2 32	8 50	8 54	16 14	5 13	5 24	
S 3	8 34 23	11 3 10	1 0	2 24	13 54	0 17	4 35	0 41	15 14	0 44	21 49	1 25	4 43	0 37	18 42	0 6	20 57	2 32	8 50	8 53	16 17	5 11	5 24	
S 4	8 55 26	41 4 9	0 16	2 20	14 20	0 15	4 53	0 40	15 11	0 44	21 49	1 25	4 44	0 37	18 42	0 6	20 57	2 32	8 50	8 52	16 20	5 10	5 24	
M 5	9 17 28	20 4 50	0n29	2 17	14 46	0 12	5 11	0 39	15 8	0 44	21 48	1 25	4 45	0 37	18 42	0 6	20 57	2 31	8 50	8 51	16 23	5 9	5 24	
T 6	9 39 28	7 5 13	1 16	2 12	15 11	0 10	5 29	0 39	15 5	0 44	21 48	1 25	4 46	0 37	18 43	0 6	20 58	2 31	8 50	8 50	16 26	5 8	5 24	
W 7	10 0 26	12 5 17	2 3	2 8	15 36	0 7	5 47	0 38	15 2	0 45	21 48	1 25	4 48	0 37	18 43	0 6	20 58	2 31	8 50	8 49	16 29	5 7	5 25	
T 8	10 21 22	54 5 5	2 51	2 2	16 1	0 5	6 5	0 38	14 59	0 45	21 48	1 25	4 49	0 37	18 43	0 6	20 58	2 31	8 50	8 47	16 32	5 5	5 25	
F 9	10 42 18	34 4 37	3 39	1 56	16 25	0 2	6 23	0 37	14 56	0 45	21 48	1 25	4 50	0 37	18 43	0 6	20 58	2 31	8 50	8 46	16 35	5 4	5 25	
S 10	11 3 13	31 3 57	4 29	1 50	16 49	0n 0	6 41	0 37	14 53	0 45	21 48	1 25	4 52	0 37	18 43	0 6	20 58	2 31	8 50	8 45	16 38	5 3	5 25	
S 11	11 24 8	2 3 6	5 20	1 43	17 12	0 3	6 58	0 36	14 50	0 45	21 47	1 25	4 53	0 37	18 43	0 6	20 58	2 31	8 51	8 44	16 41	5 2	5 25	
M12	11 44 2 21	2 8 6	11 1 36	17 35	0 5	7 16	0 36	14 47	0 46	21 47	1 26	4 54	0 37	18 43	0 6	20 58	2 31	8 51	8 43	16 43	5 1	5 26		
T 13	12 5 3n22	1 5 7	2 1	2 28	17 58	0 8	7 33	0 35	14 45	0 46	21 47	1 26	4 56	0 37	18 43	0 6	20 58	2 31	8 51	8 41	16 46	5 0	5 26	
W14	12 25 8 56	0n 1	7 55	1 20	18 20	0 11	7 51	0 35	14 42	0 46	21 47	1 26	4 57	0 37	18 42	0 6	20 58	2 30	8 51	8 40	16 49	4 59	5 26	
T 15	12 45 14 9	1 6 8	4 47	1 11	18 41	0 13	8 8	0 34	14 39	0 46	21 47	1 26	4 58	0 37	18 42	0 6	20 58	2 30	8 51	8 39	16 52	4 58	5 26	
F 16	13 4 18	51 2 8	9 40	1 2	19 2	0 16	8 25	0 33	14 36	0 47	21 47	1 26	4 59	0 37	18 42	0 6	20 58	2 30	8 51	8 38	16 55	4 57	5 26	
S 17	13 24 22	50 3 5	10 33	0 53	19 23	0 18	8 43	0 33	14 34	0 47	21 46	1 26	5 1	0 37	18 42	0 6	20 59	2 30	8 50	8 37	16 58	4 55	5 27	
S 18	13 43 25	53 3 53	11 26	0 43	19 43	0 21	9 0	0 32	14 31	0 47	21 46	1 26	5 2	0 37	18 42	0 6	20 59	2 30	8 50	8 36	17 1	4 54	5 27	
M19	14 2 27	49 4 33	12 19	0 33	20 3	0 24	9 17	0 32	14 29	0 47	21 46	1 26	5 3	0 37	18 42	0 6	20 59	2 30	8 49	8 34	17 4	4 53	5 27	
T 20	14 21 28	27 5 0	13 12	0 23	20 22	0 26	9 34	0 31	14 26	0 47	21 46	1 26	5 4	0 37	18 42	0 6	20 59	2 30	8 48	8 33	17 6	4 52	5 27	
W21	14 40 27	41 5 14	14 4	0 13	20 40	0 29	9 50	0 31	14 24	0 48	21 46	1 26	5 6	0 37	18 42	0 6	20 59	2 30	8 47	8 32	17 9	4 51	5 28	
T 22	14 58 25	31 5 14	14 56	0 2	20 58	0 31	10 7	0 30	14 21	0 48	21 45	1 26	5 7	0 37	18 42	0 6	20 59	2 30	8 47	8 31	17 12	4 50	5 28	
F 23	15 16 22	2 4 58	15 46	0n 8	21 15	0 34	10 23	0 29	14 19	0 48	21 45	1 26	5 8	0 37	18 42	0 6	20 59	2 29	8 47	8 30	17 15	4 49	5 28	
S 24	15 34 17	20 4 26	16 36	0 19	21 32	0 36	10 40	0 29	14 16	0 48	21 45	1 26	5 9	0 38	18 42	0 6	20 59	2 29	8 47	8 28	17 18	4 49	5 28	
S 25	15 52 11	38 3 38	17 24	0 29	21 48	0 39	10 56	0 28	14 14	0 49	21 45	1 26	5 11	0 38	18 42	0 6	20 59	2 29	8 47	8 27	17 21	4 48	5 29	
M26	16 9 5 12	2 36	18 10	0 40	22 4	0 41	11 12	0 28	14 12	0 49	21 44	1 26	5 12	0 38	18 41	0 6	20 59	2 29	8 48	8 26	17 23	4 47	5 29	
T 27	16 26 1s43	1 22	18 55	0 50	22 19	0 44	11 28	0 27	14 10	0 49	21 44	1 26	5 13	0 38	18 41	0 6	20 59	2 29	8 48	8 25	17 26	4 46	5 29	
W28	16 43 8 42	0 1 19	38 1	0 22	33	0 46	11 44	0 26	14 8	0 49	21 44	1 26	5 14	0 38	18 41	0 6	20 59	2 29	8 48	8 24	17 29	4 45	5 29	
T 29	17 0 15	19 1s21	20 18	1 9	22 47	0 49	12 0	0 26	14 5	0 50	21 44	1 26	5 15	0 38	18 41	0 6	20 59	2 29	8 48	8 22	17 32			

SWISS EPHEMERIS for the year 1428

MAY 1428 JC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
S 1	15 10 37	19♈ 1'01	7♌52	29♋39	12♈ 7	4♈ 3	24♌59	20♌R 9	14♌51	7♌ 2	3♌27	22♌R29	21♌18	13♌ 3	4♌40
S 2	15 14 33	19°58'43	22°50	1♈42	13°20	4°47	25° 5	20♌ 5	14°54	7° 3	3°28	22♌25	21°15	13°10	4°42
M 3	15 18 30	20°56'24	7♌27	3°42	14°32	5°31	25°12	20° 2	14°57	7° 4	3°29	22°21	21°12	13°16	4°43
T 4	15 22 26	21°54'03	21°37	5°41	15°45	6°15	25°18	19°58	15° 0	7° 5	3°31	22°18	21° 8	13°23	4°45
W 5	15 26 23	22°51'42	5♌20	7°37	16°58	6°59	25°24	19°55	15° 3	7° 5	3°32	22°15	21° 5	13°30	4°46
T 6	15 30 19	23°49'20	18°34	9°30	18°11	7°43	25°30	19°51	15° 6	7° 6	3°33	22°D14	21° 2	13°36	4°47
F 7	15 34 16	24°46'56	1♌24	11°21	19°24	8°27	25°35	19°47	15° 9	7° 7	3°34	22°14	20°59	13°43	4°49
S 8	15 38 13	25°44'32	13°53	13° 9	20°37	9°10	25°41	19°44	15°11	7° 8	3°35	22°15	20°56	13°50	4°50
S 9	15 42 9	26°42'06	26° 4	14°55	21°49	9°54	25°46	19°40	15°14	7° 9	3°37	22°17	20°53	13°56	4°51
M10	15 46 6	27°39'40	8♌ 4	16°37	23° 2	10°38	25°51	19°36	15°17	7°10	3°38	22°18	20°49	14° 3	4°52
T 11	15 50 2	28°37'13	19°56	18°16	24°15	11°21	25°57	19°32	15°20	7°11	3°39	22°R19	20°46	14°10	4°54
W12	15 53 59	29°34'44	1♌43	19°53	25°27	12° 5	26° 1	19°28	15°22	7°12	3°41	22°19	20°43	14°16	4°55
T 13	15 57 55	0♈32'15	13°30	21°26	26°40	12°48	26° 6	19°24	15°25	7°13	3°42	22°17	20°40	14°23	4°56
F 14	16 1 52	1°29'45	25°19	22°57	27°52	13°32	26°11	19°20	15°28	7°14	3°43	22°13	20°37	14°30	4°57
S 15	16 5 48	2°27'14	7♈12	24°24	29° 5	14°15	26°15	19°16	15°30	7°15	3°44	22° 7	20°34	14°36	4°57
S 16	16 9 45	3°24'42	19°11	25°49	0♈17	14°58	26°19	19°12	15°33	7°17	3°46	22° 0	20°30	14°43	4°58
M17	16 13 42	4°22'09	1♌17	27°10	1°30	15°42	26°23	19° 7	15°35	7°18	3°47	21°52	20°27	14°50	4°59
T 18	16 17 38	5°19'35	13°33	28°28	2°42	16°25	26°27	19° 3	15°38	7°19	3°48	21°45	20°24	14°56	5° 0
W19	16 21 35	6°16'59	26° 0	29°43	3°55	17° 8	26°31	18°59	15°40	7°20	3°50	21°38	20°21	15° 3	5° 0
T 20	16 25 31	7°14'23	8♌39	0♈54	5° 7	17°51	26°34	18°55	15°43	7°21	3°51	21°33	20°18	15°10	5° 1
F 21	16 29 28	8°11'45	21°34	2° 2	6°19	18°34	26°37	18°51	15°45	7°23	3°53	21°29	20°14	15°16	5° 2
S 22	16 33 24	9° 9'07	4♌47	3° 7	7°32	19°17	26°41	18°46	15°47	7°24	3°54	21°D28	20°11	15°23	5° 2
S 23	16 37 21	10° 6'27	18°19	4° 8	8°44	20° 0	26°43	18°42	15°50	7°25	3°55	21°28	20° 8	15°30	5° 3
M24	16 41 17	11° 3'46	2♌13	5° 6	9°56	20°43	26°46	18°38	15°52	7°27	3°57	21°29	20° 5	15°36	5° 3
T 25	16 45 14	12° 1'04	16°30	6° 0	11° 8	21°26	26°49	18°33	15°54	7°28	3°58	21°R30	20° 2	15°43	5° 3
W26	16 49 11	12°58'21	1♌ 7	6°50	12°20	22° 8	26°51	18°29	15°57	7°30	4° 0	21°30	19°59	15°50	5° 4
T 27	16 53 7	13°55'37	16° 1	7°37	13°32	22°51	26°53	18°24	15°59	7°31	4° 1	21°28	19°55	15°56	5° 4
F 28	16 57 4	14°52'53	1♌ 5	8°20	14°44	23°34	26°55	18°20	16° 1	7°33	4° 2	21°23	19°52	16° 3	5° 4
S 29	17 1 0	15°50'08	16°11	8°58	15°56	24°16	26°57	18°16	16° 3	7°34	4° 4	21°17	19°49	16°10	5° 4
S 30	17 4 57	16°47'22	1♌ 9	9°33	17° 8	24°59	26°59	18°11	16° 5	7°36	4° 5	21° 9	19°46	16°16	5°R 4
M31	17 8 53	17°II44'36	15♌49	10♌ 3	18♌20	25♌41	27♌ 0	18♌ 7	16° 7	7♌37	4♌ 7	21° 0	19° 43	16♌23	5♌ 4

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	17n32	25s22	3s44	21n33	1n26	23n12	0n54	12n31	0s25	14s 1	0s50	21s43	1n26	5n18	0s38	18n41	0n 6	21n 0	2s29	8n46	8n20	17n38	4s42	5n30
S 2	17 47 27	52 4	33 22	6 1	34 23	24 0	56 12	47 0	24 13	59 0	50 21	43 1	26 5	19 0	38 18	40 0	7 21	0	2 29	8 45	8 19	17 40	4 42	5 30
M 3	18 3 28	21 5	3 22	37 1	42 23	35 0	58 13	2	23 13	58 0	51 21	43 1	26 5	20 0	38 18	40 0	7 21	0	2 28	8 44	8 18	17 43	4 41	5 31
T 4	18 18 26	56 5	13 23	6 1	48 23	45 1	1 13	17 0	23 13	56 0	51 21	42 1	26 5	21 0	38 18	40 0	7 21	0	2 28	8 42	8 16	17 46	4 40	5 31
W 5	18 33 23	56 5	5 23	32 1	54 23	55 1	3 13	32 0	22 13	54 0	51 21	42 1	26 5	22 0	38 18	40 0	7 21	0	2 28	8 41	8 15	17 49	4 39	5 31
T 6	18 47 19	45 4	4 21	33 55 1	59 24	4 1	5 13	47 0	21 13	52 0	51 21	42 1	26 5	23 0	38 18	40 0	7 21	0	2 28	8 41	8 14	17 52	4 38	5 31
F 7	19 1 14	48 4	3 24	16 2	4 24	13 1	7 14	2 0	21 13	50 0	52 21	42 1	26 5	24 0	38 18	39 0	7 21	0	2 28	8 41	8 13	17 54	4 38	5 32
S 8	19 15 9	21 3	15 24	34 2	8 24	20 1	10 14	17 0	20 13	49 0	52 21	41 1	26 5	25 0	38 18	39 0	7 21	0	2 28	8 41	8 12	17 57	4 37	5 32
S 9	19 29 3	41 2	2 19	24 49 2	11 24	27 1	12 14	31 0	20 13	47 0	52 21	41 1	26 5	26 0	38 18	39 0	7 21	0	2 28	8 42	8 10	18 0	4 36	5 32
M10	19 42 2n	2 1	17 25	2 2	13 24	34 1	14 14	46 0	19 13	46 0	52 21	41 1	26 5	27 0	38 18	39 0	7 21	0	2 28	8 43	8 9	18 3	4 36	5 32
T 11	19 55 7	37 0	13 25	13 2	14 24	39 1	16 15	0 0	18 13	44 0	53 21	40 1	26 5	28 0	38 18	38 0	7 21	0	2 28	8 43	8 8	18 6	4 35	5 33
W12	20 8 12	54 0n51	25 22 2	15 24	44 1	18 15	14 0	18 13	43 0	53 21	40 1	26 5	29 0	38 18	38 0	7 21	0	2 28	8 43	8 7	18 8	4 34	5 33	
T 13	20 20 17	44 1	5 25	28 2	14 24	48 1	20 15	28 0	17 13	41 0	53 21	40 1	26 5	30 0	38 18	38 0	7 21	0	2 28	8 42	8 6	18 11	4 34	5 33
F 14	20 32 21	54 2	5 25	33 2	13 24	52 1	22 15	41 0	16 13	40 0	53 21	39 1	26 5	31 0	38 18	38 0	7 21	0	2 27	8 41	8 4	18 14	4 33	5 34
S 15	20 43 25	11 3	4 25	35 2	12 24	54 1	24 15	55 0	16 13	39 0	54 21	39 1	26 5	32 0	38 18	37 0	7 21	0	2 27	8 38	8 3	18 17	4 33	5 34
S 16	20 54 27	23 4	2 25	36 2	9 24	56 1	25 16	8 0	15 13	38 0	54 21	39 1	26 5	33 0	38 18	37 0	7 21	0	2 27	8 36	8 2	18 19	4 32	5 34
M17	21 5 28	20 4	4 49	25 35 2	5 24	58 1	27 16	22 0	15 13	37 0	54 21	39 1	26 5	34 0	38 18	37 0	7 21	1	2 27	8 33	8 1	18 22	4 31	5 34
T 18	21 16 27	53 5	5 25	32 2	1 24	58 1	29 16	35 0	14 13	36 0	55 21	38 1	26 5	35 0	38 18	36 0	7 21	1	2 27	8 30	8 0	18 25	4 31	5 35
W19	21 26 26	3 5	8 25	27 1	56 24	58 1	31 16	48 0	13 13	35 0	55 21	38 1	26 5	36 0	38 18	36 0	7 21	1	2 27	8 28	7 58	18 28	4 30	5 35
T 20	21 35 22	54 4	5 25	21 1	50 24	57 1	32 17	0 0	13 13	34 0	55 21	38 1	26 5	37 0	38 18	36 0	7 21	1	2 27	8 26	7 57	18 30	4 30	5 35
F 21	21 45 18	34 4	27 25	14 1	44 24	56 1	34 17	13 0	12 13	33 0	55 21	37 1	26 5	38 0	38 18	36 0	7 21	1	2 27	8 24	7 56	18 33	4 29	5 35
S 22	21 54 13	17 3	4 25	5 1	37 24	53 1	35 17	25 0	11 13	32 0	56 21	37 1	26 5	39 0	38 18	35 0	7 21	1	2 27	8 24	7 55	18 36	4 29	5 36
S 23	22 2 7	14 2	4 29	24 55 1	28 24	50 1	37 17	38 0	10 13	31 0	56 21	37 1	26 5	40 0	38 18	35 0	7 21	1	2 27	8 24	7 54	18 39	4 29	5 36
M24	22 10 0																							

SWISS EPHEMERIS for the year 1428

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	17 12 50	18II41'49	0♋ 5	10♉30	19♉32	26♉24	27♋ 1	18°R 2	16♉ 9	7♉39	4♉ 8	20°R52	19♉40	16♉30	5°R 4
W 2	17 16 46	19°39'02	13°54	10°51	20°44	27° 6	27° 2	17♉58	16°11	7°40	4°10	20♉46	19°36	16°36	5♉ 4
T 3	17 20 43	20°36'15	27°13	11° 9	21°55	27°48	27° 3	17°54	16°13	7°42	4°11	20°41	19°33	16°43	5° 4
F 4	17 24 40	21°33'28	10♉ 6	11°21	23° 7	28°31	27° 4	17°49	16°15	7°44	4°13	20°39	19°30	16°50	5° 3
S 5	17 28 36	22°30'40	22°36	11°30	24°19	29°13	27° 5	17°45	16°17	7°45	4°14	20°D38	19°27	16°56	5° 3
S 6	17 32 33	23°27'53	4♉47	11°R33	25°30	29°55	27° 5	17°40	16°18	7°47	4°16	20°39	19°24	17° 3	5° 3
M 7	17 36 29	24°25'05	16°45	11°32	26°42	0II37	27°R 5	17°36	16°20	7°49	4°17	20°R39	19°20	17°10	5° 2
T 8	17 40 26	25°22'18	28°35	11°27	27°53	1°19	27° 5	17°32	16°22	7°50	4°19	20°39	19°17	17°16	5° 2
W 9	17 44 22	26°19'30	10♉22	11°17	29° 5	2° 1	27° 4	17°27	16°24	7°52	4°20	20°37	19°14	17°23	5° 1
T 10	17 48 19	27°16'42	22°10	11° 3	0♉16	2°43	27° 4	17°23	16°25	7°54	4°22	20°33	19°11	17°29	5° 1
F 11	17 52 15	28°13'54	4II 3	10°44	1°27	3°25	27° 3	17°19	16°27	7°56	4°23	20°26	19° 8	17°36	5° 0
S 12	17 56 12	29°11'07	16° 3	10°22	2°39	4° 7	27° 2	17°14	16°28	7°58	4°25	20°16	19° 5	17°43	4°59
S 13	18 0 9	0♉ 8'19	28°12	9°57	3°50	4°48	27° 1	17°10	16°30	7°59	4°26	20° 5	19° 1	17°49	4°59
M14	18 4 5	1° 5'31	10♉31	9°28	5° 1	5°30	27° 0	17° 6	16°31	8° 1	4°28	19°53	18°58	17°56	4°58
T 15	18 8 2	2° 2'43	23° 2	8°56	6°12	6°12	26°59	17° 2	16°33	8° 3	4°29	19°41	18°55	18° 3	4°57
W16	18 11 58	2°59'55	5♉43	8°22	7°23	6°53	26°57	16°58	16°34	8° 5	4°31	19°30	18°52	18° 9	4°56
T 17	18 15 55	3°57'07	18°37	7°47	8°34	7°35	26°55	16°54	16°35	8° 7	4°32	19°21	18°49	18°16	4°55
F 18	18 19 51	4°54'18	1♉42	7°10	9°45	8°16	26°53	16°49	16°37	8° 9	4°34	19°15	18°46	18°23	4°54
S 19	18 23 48	5°51'29	15° 1	6°32	10°56	8°58	26°51	16°45	16°38	8°11	4°35	19°11	18°42	18°29	4°53
S 20	18 27 45	6°48'40	28°34	5°55	12° 7	9°39	26°48	16°41	16°39	8°13	4°37	19° 9	18°39	18°36	4°52
M21	18 31 41	7°45'51	12♉23	5°19	13°18	10°20	26°46	16°37	16°40	8°15	4°38	19° 9	18°36	18°43	4°51
T 22	18 35 38	8°43'02	26°28	4°43	14°29	11° 1	26°43	16°33	16°41	8°17	4°40	19° 9	18°33	18°49	4°49
W23	18 39 34	9°40'13	10II49	4°10	15°39	11°43	26°40	16°30	16°42	8°19	4°41	19° 8	18°30	18°56	4°48
T 24	18 43 31	10°37'23	25°24	3°40	16°50	12°24	26°37	16°26	16°43	8°21	4°43	19° 5	18°26	19° 3	4°47
F 25	18 47 27	11°34'34	10♉ 8	3°12	18° 0	13° 5	26°34	16°22	16°44	8°23	4°45	18°59	18°23	19° 9	4°45
S 26	18 51 24	12°31'45	24°55	2°48	19°11	13°46	26°30	16°18	16°45	8°25	4°46	18°50	18°20	19°16	4°44
S 27	18 55 20	13°28'56	9♉37	2°29	20°21	14°27	26°26	16°15	16°46	8°27	4°48	18°40	18°17	19°23	4°42
M28	18 59 17	14°26'08	24° 7	2°14	21°32	15° 8	26°23	16°11	16°47	8°29	4°49	18°28	18°14	19°29	4°41
T 29	19 3 14	15°23'20	8♉17	2° 3	22°42	15°48	26°19	16° 7	16°47	8°31	4°51	18°17	18°11	19°36	4°39
W30	19 7 10	16°20'32	22♉ 3	1°D58	23♉52	16II29	26♉14	16♉ 4	16♉48	8♉33	4♉52	18♉ 8	18♉ 7	19♉43	4♉38

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	23n 2	25s 6	5s 2	22n50	0s16	23n51	1n46	19n20	0s 5	13s27	0s58	21s34	1n25	5n47	0s38	18n32	0n 7	21n 1	2s26	8n10	7n43	19n 3	4s26	5n39
W 2	23 7	21 11	4 41	22 34	0 30	23 41	1 47	19 30	0 4	13 27	0 59	21 34	1 25	5 48	0 38	18 31	0 7	21 1	2 26	8 8	7 42	19 6	4 26	5 39
T 3	23 11	16 19	4 6	22 18	0 45	23 30	1 48	19 41	0 3	13 27	0 59	21 33	1 25	5 49	0 38	18 31	0 7	21 1	2 26	8 6	7 40	19 8	4 25	5 39
F 4	23 15	10 53	3 19	22 1	1 1	23 19	1 48	19 51	0 3	13 27	0 59	21 33	1 25	5 49	0 38	18 30	0 7	21 1	2 26	8 5	7 39	19 11	4 25	5 39
S 5	23 18	5 9	2 24	21 45	1 17	23 7	1 49	20 1	0 2	13 28	1 0	21 33	1 25	5 50	0 38	18 30	0 7	21 1	2 26	8 5	7 38	19 14	4 25	5 40
S 6	23 21	0n37	1 24	21 28	1 33	22 54	1 49	20 10	0 1	13 28	1 0	21 32	1 25	5 51	0 38	18 29	0 7	21 1	2 26	8 5	7 37	19 16	4 25	5 40
M 7	23 24	6 17	0 21	21 12	1 49	22 41	1 50	20 20	0 1	13 28	1 0	21 32	1 25	5 51	0 38	18 29	0 7	21 1	2 26	8 5	7 36	19 19	4 25	5 40
T 8	23 26	11 40	0n42	20 57	2 5	22 27	1 50	20 29	0 0	13 28	1 0	21 32	1 24	5 52	0 38	18 29	0 7	21 1	2 26	8 5	7 34	19 22	4 25	5 40
W 9	23 28	16 36	1 43	20 41	2 21	22 12	1 50	20 39	0n 1	13 29	1 1	21 31	1 24	5 53	0 38	18 28	0 7	21 1	2 25	8 5	7 33	19 24	4 25	5 41
T 10	23 29	20 56	2 40	20 26	2 37	21 57	1 50	20 47	0 1	13 29	1 1	21 31	1 24	5 53	0 38	18 28	0 7	21 1	2 25	8 3	7 32	19 27	4 25	5 41
F 11	23 30	24 27	3 29	20 12	2 53	21 41	1 50	20 56	0 2	13 30	1 1	21 31	1 24	5 54	0 38	18 27	0 7	21 1	2 25	8 0	7 31	19 30	4 25	5 41
S 12	23 31	26 56	4 10	19 59	3 8	21 25	1 50	21 5	0 3	13 30	1 2	21 30	1 24	5 54	0 38	18 27	0 7	21 1	2 25	7 57	7 30	19 32	4 25	5 41
S 13	23 31	28 10	4 40	19 46	3 23	21 8	1 50	21 13	0 3	13 31	1 2	21 30	1 24	5 55	0 38	18 26	0 7	21 1	2 25	7 53	7 28	19 35	4 25	5 42
M14	23 31	28 2	4 57	19 34	3 37	20 51	1 50	21 21	0 4	13 31	1 2	21 30	1 24	5 55	0 38	18 26	0 7	21 1	2 25	7 48	7 27	19 38	4 25	5 42
T 15	23 30	26 29	5 1	19 23	3 50	20 33	1 49	21 29	0 5	13 32	1 2	21 30	1 24	5 56	0 38	18 25	0 7	21 1	2 25	7 43	7 26	19 40	4 25	5 42
W16	23 29	23 34	4 50	19 14	4 2	20 14	1 49	21 37	0 5	13 33	1 3	21 29	1 24	5 56	0 39	18 25	0 7	21 1	2 25	7 39	7 25	19 43	4 25	5 43
T 17	23 27	19 28	4 24	19 5	4 13	19 55	1 48	21 45	0 6	13 34	1 3	21 29	1 23	5 57	0 39	18 24	0 7	21 1	2 25	7 36	7 24	19 45	4 25	5 43
F 18	23 25	14 22	3 43	18 57	4 22	19 36	1 48	21 52	0 7	13 35	1 3	21 29	1 23	5 57	0 39	18 24	0 7	21 1	2 25	7 33	7 22	19 48	4 25	5 43
S 19	23 23	8 32	2 50	18 51	4 30	19 16	1 47	21 59	0 7	13 36	1 4	21 28	1 23	5 58	0 39	18 23	0 7	21 1	2 25	7 32	7 21	19 51	4 25	5 43
S 20	23 20	2 12	1 47	18 46	4 37	18 55	1 46	22 6	0 8	13 37	1 4	21 28	1 23	5 58	0 39	18 23	0 7	21 1	2 25	7 31	7 20	19 53	4 26	5 44
M21	23 17	4s22	0 36	18 43	4 42	18 34	1 45	22 13	0 9	13 38	1 4	21 28	1 23	5 59	0 39	18 22	0 7	21 1	2 25	7 31	7 19	19 56	4 26	5 44
T 22	23 14	10 51	0s39	18 40	4 46	18 12	1 45	22 19	0 9	13 39	1 4	21 28	1 23	5 59	0 39	18 22	0 7	21 1	2 25	7 31	7 17	19 58	4 26	5 44
W23	23 10	16 53	1 52	18 40	4 48	17 50	1 43	22 26	0 10	13 41	1 5	21 27	1 23	5 59	0 39	18 21	0 7	21 1	2 25	7 31	7 16	20 1	4 26	5 44
T 24	23 5	22 4	2 59	18 40	4 48	17 28	1 42	22 32	0 11	13 42	1 5	21 27	1 23	6 0	0 39	18 21	0 7	21 1	2 25	7 30	7 15	20 4	4 27	5 44
F 25	23 1	25 55	3 55	18 42	4 47	17 5	1 41	22 38	0 12	13 43	1 5	21 27	1 22	6 0	0 39	18 20	0 7	21 1	2 25	7 27	7 14	20 6	4 27	5 45
S 26	22 55	28 0	4 35	18 46	4 44	16 42	1 40	22 44	0 12	13 45	1 6	21 27	1 22	6 0	0 39	18 20	0 7	21 1	2 25	7 24	7 13	20 9	4 27	5 45
S 27	22 50	28 6	4 57	18 50	4 39	16 18	1 38	22 49	0 13	13 46	1 6	21 26	1 22	6 1	0 39	18 19	0 7	21 1	2 24	7 20	7 11	20 11	4 27	5 45
M28	22 44	26 16	4 59	18 56	4 34	15 54	1 37	22 54	0 14	13 48	1 6	21 26	1 22	6 1	0 39	18 19	0 7	21 1	2 24	7 16	7 10	20 14	4 28	5 45
T 29	22 37	22 48	4 43	19 3	4 27	15 30	1 35	23 0	0 14	13 50	1 6	21 26	1 22	6 1	0 39	18 18	0 7	21 1	2 24	7 12	7 9	20 17	4 28	5 46
W30	22n31	18s 9	4s10	19n12	4s18</																			

SWISS EPHEMERIS for the year 1428

JULY 1428 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	19 11 7	17°51'45	5°23	15°58	25°02	17°10	26°R10	16°R 0	16°49	8°35	4°54	18°R 1	18°4	19°49	4°R36
F 2	19 15 3	18°14'59	18°17	2° 4	26°12	17°51	26°55	15°57	16°49	8°37	4°55	17°57	18° 1	19°56	4°R34
S 3	19 19 0	19°12'13	0°48	2°15	27°22	18°31	26° 1	15°54	16°50	8°39	4°57	17°54	17°58	20° 3	4°32
S 4	19 22 56	20° 9'28	13° 0	2°32	28°32	19°12	25°56	15°50	16°50	8°41	4°58	17°54	17°55	20° 9	4°31
M 5	19 26 53	21° 6'44	25° 0	2°54	29°42	19°52	25°51	15°47	16°51	8°43	4°59	17°54	17°52	20°16	4°29
T 6	19 30 49	22° 4'01	6°51	3°23	30°51	20°33	25°46	15°44	16°51	8°46	5° 1	17°53	17°48	20°23	4°27
W 7	19 34 46	23° 1'19	18°39	3°57	2° 1	21°13	25°40	15°41	16°52	8°48	5° 2	17°51	17°45	20°29	4°25
T 8	19 38 43	23°58'38	0°11	4°37	3°10	21°53	25°35	15°38	16°52	8°50	5° 4	17°47	17°42	20°36	4°23
F 9	19 42 39	24°55'57	12°27	5°23	4°20	22°34	25°29	15°35	16°52	8°52	5° 5	17°40	17°39	20°43	4°21
S 10	19 46 36	25°53'18	24°35	6°14	5°29	23°14	25°23	15°32	16°52	8°54	5° 7	17°30	17°36	20°49	4°19
S 11	19 50 32	26°50'40	6°55	7°11	6°39	23°54	25°17	15°30	16°53	8°56	5° 8	17°19	17°32	20°56	4°17
M12	19 54 29	27°48'02	19°28	8°14	7°48	24°34	25°11	15°27	16°53	8°59	5°10	17° 6	17°29	21° 3	4°15
T13	19 58 25	28°45'25	2°16	9°22	8°57	25°14	25° 5	15°24	16°53	9° 1	5°11	16°53	17°26	21° 9	4°12
W14	20 2 22	29°42'50	15°18	10°35	10° 6	25°54	24°59	15°22	16°R53	9° 3	5°12	16°42	17°23	21°16	4°10
T 15	20 6 18	0°40'15	28°31	11°53	11°15	26°34	24°52	15°19	16°53	9° 5	5°14	16°33	17°20	21°23	4° 8
F 16	20 10 15	1°37'40	11°56	13°16	12°24	27°14	24°46	15°17	16°53	9° 7	5°15	16°26	17°17	21°30	4° 6
S 17	20 14 12	2°35'07	25°31	14°44	13°32	27°54	24°39	15°15	16°52	9°10	5°17	16°22	17°13	21°36	4° 3
S 18	20 18 8	3°32'34	9°16	16°17	14°41	28°34	24°32	15°12	16°52	9°12	5°18	16°21	17°10	21°43	4° 1
M19	20 22 5	4°30'01	23° 9	17°54	15°49	29°13	24°26	15°10	16°52	9°14	5°19	16°D21	17° 7	21°50	3°58
T 20	20 26 1	5°27'30	7°11	19°35	16°58	29°53	24°19	15° 8	16°52	9°16	5°21	16°R21	17° 4	21°56	3°56
W21	20 29 58	6°24'59	21°22	21°19	18° 6	0°32	24°11	15° 6	16°51	9°19	5°22	16°20	17° 1	22° 3	3°54
T 22	20 33 54	7°22'30	5°39	23° 7	19°14	1°12	24° 4	15° 4	16°51	9°21	5°23	16°17	16°58	22°10	3°51
F 23	20 37 51	8°20'01	20° 1	24°58	20°22	1°51	23°57	15° 3	16°51	9°23	5°25	16°12	16°54	22°16	3°49
S 24	20 41 47	9°17'33	4°23	26°52	21°30	2°31	23°50	15° 1	16°50	9°25	5°26	16° 4	16°51	22°23	3°46
S 25	20 45 44	10°15'06	18°41	28°48	22°38	3°10	23°42	14°59	16°50	9°27	5°27	15°55	16°48	22°30	3°43
M26	20 49 41	11°12'40	2°49	0°45	23°46	3°50	23°35	14°58	16°49	9°30	5°29	15°45	16°45	22°36	3°41
T 27	20 53 37	12°10'15	16°41	2°45	24°53	4°29	23°27	14°56	16°48	9°32	5°30	15°35	16°42	22°43	3°38
W28	20 57 34	13° 7'52	0°13	4°45	26° 1	5° 8	23°20	14°55	16°48	9°34	5°31	15°27	16°38	22°50	3°35
T 29	21 1 30	14° 5'29	13°24	6°47	27° 8	5°47	23°12	14°54	16°47	9°36	5°32	15°20	16°35	22°56	3°33
F 30	21 5 27	15° 3'09	26°14	8°48	28°15	6°26	23° 4	14°53	16°46	9°39	5°34	15°16	16°32	23° 3	3°30
S 31	21 9 23	16° 0'49	8°43	10°50	29°22	7° 5	22°57	14°52	16°46	9°41	5°35	15°14	16°29	23°10	3°27

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	22n24	12s44	3s25	19n21	4s 9	14n40	1n32	23n 9	0n16	13s53	1s 7	21s26	1n22	6n 2	0s39	18n17	0n 7	21n 1	2s24	7n 5	7n 7	20n22	4s29	5n46
F 2	22 16	6 57	2 30	19 31	3 59	14 14	1 30	23 14	0 16	13 55	1 7	21 25	1 21	6 2	0 39	18 17	0 7	21 1	2 24	7 4	7 5	20 24	4 29	5 46
S 3	22 8	1 3	1 29	19 43	3 47	13 48	1 28	23 18	0 17	13 57	1 7	21 25	1 21	6 2	0 39	18 16	0 7	21 1	2 24	7 3	7 4	20 27	4 30	5 46
S 4	22 0	4n45	0 26	19 54	3 35	13 22	1 26	23 22	0 18	13 59	1 8	21 25	1 21	6 2	0 39	18 16	0 7	21 1	2 24	7 3	7 3	20 29	4 30	5 47
M 5	21 51	10 17	0n38	20 7	3 22	12 55	1 24	23 26	0 18	14 0	1 8	21 25	1 21	6 2	0 39	18 15	0 7	21 1	2 24	7 3	7 2	20 32	4 31	5 47
T 6	21 42	15 24	1 39	20 19	3 9	12 29	1 22	23 30	0 19	14 2	1 8	21 25	1 21	6 3	0 39	18 14	0 7	21 1	2 24	7 2	7 0	20 34	4 31	5 47
W 7	21 33	19 55	2 35	20 32	2 55	12 1	1 19	23 33	0 20	14 5	1 8	21 24	1 21	6 3	0 39	18 14	0 7	21 1	2 24	7 2	6 59	20 37	4 32	5 47
T 8	21 23	23 40	3 25	20 45	2 41	11 34	1 17	23 36	0 20	14 7	1 9	21 24	1 20	6 3	0 39	18 13	0 7	21 1	2 24	7 0	6 58	20 39	4 32	5 47
F 9	21 13	26 26	4 6	20 58	2 26	11 6	1 14	23 39	0 21	14 9	1 9	21 24	1 20	6 3	0 39	18 13	0 7	21 1	2 24	6 57	6 57	20 42	4 33	5 47
S 10	21 2 28	1 4	37	21 11	2 12	10 38	1 12	23 42	0 22	14 11	1 9	21 24	1 20	6 3	0 39	18 12	0 7	21 1	2 24	6 54	6 56	20 44	4 34	5 48
S 11	20 51	28 15	4 56	21 23	1 57	10 10	1 9	23 45	0 23	14 13	1 9	21 24	1 20	6 3	0 39	18 12	0 7	21 1	2 24	6 49	6 54	20 47	4 34	5 48
M12	20 40	27 3	5 0	21 34	1 42	9 42	1 6	23 47	0 23	14 15	1 10	21 24	1 20	6 3	0 39	18 11	0 7	21 1	2 24	6 44	6 53	20 49	4 35	5 48
T13	20 28	24 25	4 50	21 44	1 27	9 13	1 3	23 50	0 24	14 18	1 10	21 24	1 20	6 3	0 39	18 11	0 7	21 1	2 24	6 39	6 52	20 52	4 35	5 48
W14	20 17	20 30	4 24	21 54	1 12	8 44	1 0	23 52	0 25	14 20	1 10	21 24	1 19	6 3	0 39	18 10	0 7	21 1	2 24	6 35	6 51	20 54	4 36	5 48
T 15	20 4 15	32	3 44	22 2	0 57	8 15	0 57	23 54	0 25	14 22	1 10	21 23	1 19	6 3	0 39	18 9	0 7	21 1	2 24	6 31	6 50	20 57	4 37	5 48
F 16	19 52	9 45	2 51	22 8	0 43	7 46	0 54	23 55	0 26	14 25	1 10	21 23	1 19	6 3	0 39	18 9	0 7	21 1	2 24	6 29	6 48	20 59	4 37	5 49
S 17	19 39	3 26	1 48	22 13	0 29	7 17	0 51	23 57	0 27	14 27	1 11	21 23	1 19	6 3	0 39	18 8	0 7	21 1	2 24	6 27	6 47	21 2	4 38	5 49
S 18	19 25	3s 6	0 38	22 16	0 15	6 47	0 48	23 58	0 27	14 30	1 11	21 23	1 19	6 3	0 39	18 8	0 7	21 1	2 24	6 27	6 46	21 4	4 39	5 49
M19	19 12	9 35	0s36	22 17	0 2	6 17	0 44	23 59	0 28	14 32	1 11	21 23	1 19	6 3	0 39	18 7	0 7	21 1	2 24	6 27	6 45	21 7	4 40	5 49
T 20	18 58	15 40	1 48	22 15	0n10	5 47	0 41	24 0	0 29	14 35	1 11	21 23	1 18	6 2	0 39	18 6	0 7	21 1	2 24	6 27	6 43	21 9	4 40	5 49
W21	18 44	20 58	2 55	22 11	0 22	5 17	0 37	24 0	0 30	14 37	1 11	21 23	1 18	6 2	0 39	18 6	0 7	21 1	2 24	6 27	6 42	21 12	4 41	5 49
T 22	18 29	25 6	3 51	22 5	0 33	4 47	0 34	24 1	0 30	14 40	1 12	21 23	1 18	6 2	0 40	18 5	0 7	21 1	2 24	6 25	6 41	21 14	4 42	5 49
F 23	18 14	27 40	4 32	21 56	0 44	4 17	0 30	24 1	0 31	14 42	1 12	21 23	1 18	6 2	0 40	18 5	0 7	21 1	2 23	6 23	6 40	21 17	4 43	5 49
S 24	17 59	28 23	4 57	21 44	0 54	3 47	0 26	24 1	0 32	14 45	1 12	21 23	1 18	6 2	0 40	18 4	0 7	21 1	2 23	6 21	6 39	21 19	4 44	5 49
S 25	17 44	27 12	5 2	21 29	1 3	3 16	0 22	24 1	0 32	14 48	1 12	21 23	1 17	6 1	0 40	18 4	0 7	21 1	2 23	6 17	6 37	21 21	4 44	5 50
M26	17 28	24 17	4 50	21 12	1 11	2 46	0 18	24 1	0 33	14 50	1 12	21 23	1 17	6 1	0 40	18 3	0 7	21 1	2 23	6 13	6 36	21 24	4 45	5 50
T 27	17 12	20 1	4 20	20 52	1 18	2 15	0 14	24 0	0 34	14 53	1 12	21 23	1 17	6 1	0 40	18 2	0 7	21 1	2 23	6 9	6 35	21 26	4 46	5 50
W28	16 56	14 48	3 36	20 30	1 24	1 45	0 10	23 59	0 34	14 56	1 13	21 23	1 17	6 1	0 40	18 2	0 7	21 1	2 23	6 6	6 34	21 29	4 47	5 50
T 29	16 39	9 2	2 41	20 5	1 30	1 14	0 6	23 58	0 35	14 58	1 13	21 23	1 17	6 0	0 40	18 1	0 7	21 1	2 23	6 3	6 32	21		

SWISS EPHEMERIS for the year 1428

AUGUST 1428 JC

00:00 UT

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

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	15n48	8n40	0n30	18n38	1n42	0s18	0s7	23n55	0n37	15s6	1s13	21s23	1n16	5n59	0s40	17n59	0n7	21n1	2s23	6n1	6n29	21n38	4s51	5n50
M 2	15 30	13 59	1 33	18 4	1 44	0 48	0 11	23 53	0 38	15 9	1 13	21 23	1 16	5 59	0 40	17 59	0 7	21 1	2 23	6 2	6 28	21 41	4 52	5 50
T 3	15 12	18 45	2 32	17 29	1 45	1 19	0 16	23 51	0 39	15 12	1 13	21 24	1 16	5 59	0 40	17 58	0 7	21 1	2 23	6 2	6 26	21 43	4 53	5 50
W 4	14 54	22 45	3 23	16 53	1 46	1 50	0 20	23 49	0 39	15 15	1 14	21 24	1 16	5 58	0 40	17 58	0 7	21 1	2 23	6 2	6 25	21 46	4 54	5 50
T 5	14 36	25 51	4 6	16 15	1 46	2 20	0 25	23 47	0 40	15 17	1 14	21 24	1 15	5 58	0 40	17 57	0 7	21 1	2 23	6 1	6 24	21 48	4 55	5 50
F 6	14 17	27 49	4 39	15 36	1 46	2 51	0 30	23 44	0 41	15 20	1 14	21 24	1 15	5 57	0 40	17 57	0 7	21 1	2 23	6 0	6 23	21 50	4 56	5 50
S 7	13 58	28 29	5 0	14 55	1 44	3 21	0 34	23 42	0 41	15 23	1 14	21 24	1 15	5 57	0 40	17 56	0 7	21 0	2 23	5 57	6 21	21 53	4 57	5 50
S 8	13 39	27 43	5 7	14 14	1 43	3 52	0 39	23 39	0 42	15 25	1 14	21 24	1 15	5 56	0 40	17 55	0 7	21 0	2 23	5 54	6 20	21 55	4 58	5 50
M 9	13 20	25 31	4 59	13 32	1 40	4 22	0 44	23 36	0 43	15 28	1 14	21 24	1 15	5 56	0 40	17 55	0 7	21 0	2 23	5 51	6 19	21 57	4 59	5 50
T 10	13 1	21 56	4 35	12 49	1 37	4 53	0 49	23 33	0 44	15 31	1 14	21 25	1 14	5 55	0 40	17 54	0 7	21 0	2 23	5 48	6 18	22 0	5 0	5 50
W 11	12 41	17 10	3 56	12 5	1 34	5 23	0 54	23 30	0 44	15 33	1 14	21 25	1 14	5 55	0 40	17 54	0 7	21 0	2 23	5 45	6 17	22 2	5 1	5 50
T 12	12 21	11 27	3 3	11 21	1 30	5 53	0 59	23 26	0 45	15 36	1 14	21 25	1 14	5 54	0 40	17 53	0 7	21 0	2 23	5 42	6 15	22 4	5 2	5 50
F 13	12 1	5 6	1 59	10 36	1 26	6 23	1 4	23 23	0 46	15 38	1 14	21 25	1 14	5 54	0 40</									

SWISS EPHEMERIS for the year 1428

SEPTEMBER 1428 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	23 15 33	17 ^m 1'00	4 ^{II} 31	7 [♁] 19	3 [♁] 26	27 [♁] 21	19°R 0	15 [♁] 9	15°R58	10 [♁] 47	6 [♁] 5	13°V53	14°V47	26 [♁] 43	1°R56
T 2	23 19 30	17°59'37	16°24	8°46	4°26	27°58	18 [♁] 54	15°11	15°V56	10°49	6° 5	13°R54	14°44	26°50	1 [♁] 53
F 3	23 23 26	18°58'17	28°24	10°12	5°25	28°35	18°49	15°13	15°54	10°51	6° 6	13°53	14°41	26°57	1°50
S 4	23 27 23	19°56'59	10 [♁] 37	11°37	6°24	29°12	18°43	15°15	15°52	10°53	6° 7	13°52	14°38	27° 3	1°48
S 5	23 31 19	20°55'43	23° 7	13° 1	7°22	29°49	18°37	15°18	15°50	10°55	6° 7	13°50	14°35	27°10	1°45
M 6	23 35 16	21°54'30	5 [♁] 56	14°24	8°20	0 [♁] 26	18°32	15°20	15°48	10°57	6° 8	13°47	14°31	27°17	1°42
T 7	23 39 12	22°53'19	19° 7	15°45	9°18	1° 2	18°27	15°23	15°45	10°58	6° 8	13°43	14°28	27°23	1°40
W 8	23 43 9	23°52'09	2 [♁] 41	17° 5	10°15	1°39	18°22	15°25	15°43	11° 0	6° 9	13°40	14°25	27°30	1°37
T 9	23 47 6	24°51'02	16°35	18°24	11°12	2°15	18°17	15°28	15°41	11° 2	6° 9	13°38	14°22	27°37	1°34
F 10	23 51 2	25°49'57	0 [♁] 48	19°41	12° 8	2°52	18°12	15°31	15°39	11° 4	6° 9	13°37	14°19	27°43	1°32
S 11	23 54 59	26°48'54	15°13	20°57	13° 4	3°28	18° 7	15°34	15°36	11° 5	6°10	13°D36	14°15	27°50	1°29
S 12	23 58 55	27°47'53	29°46	22°12	13°59	4° 4	18° 3	15°37	15°34	11° 7	6°10	13°37	14°12	27°57	1°27
M13	0 2 52	28°46'54	14 [♁] 21	23°25	14°54	4°40	17°59	15°40	15°32	11° 9	6°11	13°38	14° 9	28° 3	1°24
T 14	0 6 48	29°45'56	28°52	24°36	15°48	5°16	17°55	15°43	15°30	11°10	6°11	13°39	14° 6	28°10	1°22
W15	0 10 45	0 [♁] 45'01	13 [♁] 15	25°45	16°42	5°52	17°51	15°46	15°27	11°12	6°11	13°40	14° 3	28°17	1°19
T 16	0 14 41	1°44'07	27°27	26°53	17°35	6°28	17°47	15°50	15°25	11°13	6°12	13°R40	14° 0	28°23	1°17
F 17	0 18 38	2°43'15	11 [♁] 26	27°58	18°28	7° 4	17°43	15°53	15°23	11°15	6°12	13°40	13°56	28°30	1°15
S 18	0 22 35	3°42'25	25°11	29° 1	19°20	7°40	17°40	15°57	15°20	11°16	6°12	13°40	13°53	28°37	1°12
S 19	0 26 31	4°41'36	8 [♁] 42	0 [♁] 2	20°11	8°16	17°37	16° 0	15°18	11°18	6°12	13°39	13°50	28°44	1°10
M20	0 30 28	5°40'50	21°58	1° 0	21° 1	8°51	17°34	16° 4	15°15	11°19	6°13	13°38	13°47	28°50	1° 8
T 21	0 34 24	6°40'05	5 [♁] 0	1°56	21°51	9°27	17°31	16° 8	15°13	11°21	6°13	13°37	13°44	28°57	1° 6
W22	0 38 21	7°39'22	17°48	2°48	22°40	10° 2	17°29	16°12	15°11	11°22	6°13	13°36	13°41	29° 4	1° 3
T 23	0 42 17	8°38'41	0 [♁] 24	3°37	23°28	10°38	17°26	16°16	15° 8	11°24	6°13	13°36	13°37	29°10	1° 1
F 24	0 46 14	9°38'02	12°47	4°22	24°16	11°13	17°24	16°20	15° 6	11°25	6°13	13°D35	13°34	29°17	0°59
S 25	0 50 10	10°37'25	24°59	5° 3	25° 3	11°48	17°22	16°24	15° 3	11°26	6°13	13°36	13°31	29°24	0°57
S 26	0 54 7	11°36'50	7 [♁] 1	5°40	25°48	12°23	17°20	16°28	15° 1	11°28	6°13	13°36	13°28	29°30	0°55
M27	0 58 4	12°36'17	18°57	6°11	26°33	12°58	17°19	16°32	14°58	11°29	6°13	13°36	13°25	29°37	0°53
T 28	1 2 0	13°35'47	0 [♁] 48	6°37	27°17	13°33	17°17	16°36	14°56	11°30	6°R13	13°R36	13°21	29°44	0°51
W29	1 5 57	14°35'19	12°38	6°58	28° 0	14° 8	17°16	16°41	14°54	11°31	6°13	13°36	13°18	29°50	0°49
T 30	1 9 53	15°34'53	24 ^{II} 30	7 [♁] 12	28 [♁] 42	14°43	17 [♁] 15	16°45	14°V51	11°D33	6°D13	13°V36	13°V15	29°D57	0°48

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	5n 9	25n 6	4n 3	3s31	0s39	15s18	2s46	21n44	1n 0	16s21	1s15	21s31	1n10	5n41	0s40	17n42	0n 8	21n 0	2s23	5n30	5n51	22n50	5s24	5n48
T 2	4 46	27 27	4 39	4 13	0 47	15 44	2 51	21 37	1 0	16 23	1 15	21 32	1 10	5 40	0 40	17 42	0 8	21 0	2 23	5 30	5 49	22 52	5 25	5 48
F 3	4 23	28 34	5 3	4 54	0 55	16 9	2 57	21 30	1 1	16 25	1 15	21 32	1 10	5 39	0 40	17 41	0 8	21 0	2 23	5 30	5 48	22 54	5 26	5 48
S 4	4 0	28 18	5 14	5 34	1 3	16 34	3 2	21 23	1 2	16 27	1 14	21 33	1 10	5 38	0 40	17 41	0 8	21 0	2 23	5 29	5 47	22 57	5 27	5 48
S 5	3 36	26 38	5 10	6 14	1 10	16 58	3 8	21 16	1 2	16 28	1 14	21 33	1 10	5 38	0 40	17 40	0 8	21 0	2 23	5 28	5 46	22 59	5 28	5 48
M 6	3 13	23 33	4 51	6 53	1 18	17 23	3 13	21 9	1 3	16 30	1 14	21 33	1 9	5 37	0 40	17 40	0 8	21 0	2 23	5 27	5 45	23 1	5 29	5 48
T 7	2 50	19 12	4 17	7 32	1 26	17 46	3 19	21 2	1 4	16 31	1 14	21 34	1 9	5 36	0 40	17 39	0 8	21 0	2 23	5 26	5 43	23 3	5 30	5 47
W 8	2 27	13 46	3 27	8 10	1 33	18 10	3 24	20 55	1 5	16 33	1 14	21 34	1 9	5 35	0 40	17 39	0 8	21 0	2 23	5 25	5 42	23 5	5 31	5 47
T 9	2 3	7 31	2 24	8 47	1 41	18 33	3 29	20 47	1 5	16 34	1 14	21 35	1 9	5 34	0 40	17 39	0 8	21 0	2 23	5 24	5 41	23 8	5 33	5 47
F 10	1 40	0 45	1 10	9 24	1 48	18 56	3 35	20 39	1 6	16 36	1 14	21 35	1 9	5 33	0 40	17 38	0 8	21 0	2 23	5 23	5 40	23 10	5 34	5 47
S 11	1 16	6s 9	0s 9	9 59	1 56	19 18	3 40	20 32	1 7	16 37	1 14	21 36	1 8	5 32	0 40	17 38	0 8	21 0	2 23	5 23	5 38	23 12	5 35	5 47
S 12	0 53	12 48	1 28	10 34	2 3	19 40	3 45	20 24	1 8	16 39	1 14	21 36	1 8	5 32	0 40	17 37	0 8	21 0	2 23	5 23	5 37	23 14	5 36	5 46
M13	0 29	18 46	2 42	11 8	2 10	20 2	3 50	20 16	1 8	16 40	1 14	21 37	1 8	5 31	0 40	17 37	0 8	21 0	2 23	5 24	5 36	23 16	5 37	5 46
T 14	0 6	23 38	3 45	11 41	2 17	20 23	3 56	20 8	1 9	16 41	1 14	21 37	1 8	5 30	0 40	17 36	0 8	20 59	2 23	5 24	5 35	23 18	5 38	5 46
W15	0s18	26 59	4 33	12 13	2 24	20 43	4 1	20 0	1 10	16 42	1 14	21 38	1 8	5 29	0 40	17 36	0 8	20 59	2 23	5 25	5 33	23 21	5 39	5 46
T 16	0 42	28 34	5 4	12 43	2 30	21 4	4 6	19 51	1 11	16 43	1 14	21 38	1 8	5 28	0 40	17 36	0 8	20 59	2 23	5 25	5 32	23 23	5 40	5 45
F 17	1 5	28 17	5 16	13 13	2 36	21 23	4 11	19 43	1 12	16 44	1 13	21 39	1 7	5 27	0 40	17 35	0 8	20 59	2 23	5 25	5 31	23 25	5 41	5 45
S 18	1 29	26 15	5 10	13 41	2 42	21 43	4 16	19 35	1 12	16 45	1 13	21 39	1 7	5 26	0 40	17 35	0 8	20 59	2 23	5 24	5 30	23 27	5 42	5 45
S 19	1 52	22 45	4 47	14 8	2 48	22 1	4 20	19 26	1 13	16 46	1 13	21 40	1 7	5 25	0 40	17 34	0 8	20 59	2 23	5 24	5 28	23 29	5 43	5 45
M20	2 16	18 9	4 9	14 34	2 53	22 20	4 25	19 17	1 14	16 47	1 13	21 41	1 7	5 24	0 40	17 34	0 8	20 59	2 23	5 24	5 27	23 31	5 44	5 44
T 21	2 39	12 47	3 18	14 58	2 58	22 38	4 30	19 9	1 15	16 47	1 13	21 41	1 7	5 23	0 40	17 34	0 8	20 59	2 23	5 23	5 26	23 33	5 45	5 44
W22	3 3	6 57	2 18	15 21	3 3	22 55	4 34	19 0	1 15	16 48	1 13	21 42	1 7	5 22	0 40	17 33	0 8	20 59	2 23	5 23	5 25	23 35	5 46	5 44
T 23	3 26	0 57	1 13	15 41	3 7	23 12	4 39	18 51	1 16	16 49	1 13	21 42	1 6	5 22	0 40	17 33	0 8	20 59	2 23	5 23	5 24	23 37	5 47	5 44
F 24	3 50	5n 0	0 5	16 0	3 10	23 28	4 43	18 42	1 17	16 49	1 13	21 43	1 6	5 21	0 40	17 32	0 8	20 59	2 23	5 23	5 22	23 40	5 48	5 43
S 25	4 13	10 40	1n 3	16 17	3 13	23 44	4 48	18 33	1 18	16 50	1 13	21 43	1 6	5 20	0 40	17 32	0 8	20 59	2 23	5 23	5 21	23 42	5 49	5 43
S 26	4 36	15 54	2 6	16 31	3 16	23 59	4 52	18 24	1 19	16 50	1 12	21 44	1 6	5 19	0 40	17 32	0 8	20 59	2 23	5 23	5 20	23 44	5 50	5 43
M27	5 0	20 27	3 4	16 43	3 17	24 14	4 56	18 15	1 19	16 51	1 12	21 45	1 6	5 18	0 40	17 31	0 8	20 59	2 23	5 23	5 19	23 46	5 51	5 42
T 28	5 23	24 11	3 53	16 53	3 18	24 28	5 0	18 5	1 20	16 51	1 12	21 45	1 6	5 17	0 40	17 31	0 8	20 59	2 23	5 23	5 17	23 48	5 52	5 42
W29	5 46	26 53	4 32	16 59	3 18	24 42	5 3	17 56	1 21</															

SWISS EPHEMERIS for the year 1428

OCTOBER 1428 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	1 13 50	16♁34'30	6♁29	7°R19	29♁23	15♁17	17°R14	16♁50	14°R49	11♁34	6°R13	13°R36	13°Y12	0♁ 4	0°R46
S 2	1 17 46	17°34'09	18°39	7♁19	0♁ 3	15°52	17♁14	16°54	14°Y46	11°35	6♁13	13°D35	13° 9	0°10	0°X44
S 3	1 21 43	18°33'50	1♁ 5	7°10	0°42	16°26	17°13	16°59	14°44	11°36	6°13	13°Y36	13° 6	0°17	0°42
M 4	1 25 39	19°33'33	13°51	6°53	1°19	17° 1	17°D13	17° 4	14°41	11°37	6°13	13°36	13° 2	0°24	0°41
T 5	1 29 36	20°33'19	27° 0	6°28	1°56	17°35	17°13	17° 9	14°39	11°38	6°13	13°37	12°59	0°30	0°39
W 6	1 33 33	21°33'07	10♁35	5°53	2°31	18° 9	17°13	17°14	14°36	11°39	6°12	13°37	12°56	0°37	0°38
T 7	1 37 29	22°32'56	24°36	5°10	3° 4	18°43	17°14	17°18	14°34	11°40	6°12	13°38	12°53	0°44	0°36
F 8	1 41 26	23°32'49	9♁ 0	4°18	3°37	19°18	17°14	17°23	14°32	11°41	6°12	13°R38	12°50	0°51	0°35
S 9	1 45 22	24°32'43	23°44	3°18	4° 8	19°51	17°15	17°29	14°29	11°42	6°12	13°38	12°47	0°57	0°33
S 10	1 49 19	25°32'39	8♁41	2°11	4°37	20°25	17°16	17°34	14°27	11°43	6°11	13°38	12°43	1° 4	0°32
M 11	1 53 15	26°32'37	23°42	0°59	5° 5	20°59	17°18	17°39	14°24	11°44	6°11	13°36	12°40	1°11	0°31
T 12	1 57 12	27°32'37	8♁39	29♁43	5°31	21°32	17°19	17°44	14°22	11°45	6°11	13°35	12°37	1°17	0°29
W 13	2 1 8	28°32'39	23°23	28°26	5°56	22° 6	17°21	17°50	14°20	11°45	6°11	13°33	12°34	1°24	0°28
T 14	2 5 5	29°32'42	7♁49	27° 9	6°19	22°39	17°22	17°55	14°17	11°46	6°10	13°31	12°31	1°31	0°27
F 15	2 9 2	0♁32'47	21°54	25°56	6°40	23°13	17°24	18° 0	14°15	11°47	6°10	13°30	12°27	1°37	0°26
S 16	2 12 58	1°32'53	5♁37	24°49	6°59	23°46	17°27	18° 6	14°13	11°48	6° 9	13°D30	12°24	1°44	0°25
S 17	2 16 55	2°33'01	18°57	23°49	7°16	24°19	17°29	18°11	14°10	11°48	6° 9	13°31	12°21	1°51	0°24
M 18	2 20 51	3°33'11	1♁58	22°58	7°31	24°52	17°32	18°17	14° 8	11°49	6° 8	13°32	12°18	1°57	0°23
T 19	2 24 48	4°33'22	14°42	22°18	7°44	25°24	17°35	18°23	14° 6	11°50	6° 8	13°34	12°15	2° 4	0°22
W 20	2 28 44	5°33'34	27°12	21°50	7°55	25°57	17°38	18°29	14° 4	11°50	6° 7	13°35	12°12	2°11	0°22
T 21	2 32 41	6°33'49	9°Y30	21°33	8° 3	26°30	17°41	18°34	14° 2	11°51	6° 7	13°R36	12° 8	2°18	0°21
F 22	2 36 37	7°34'05	21°38	21°D28	8°10	27° 2	17°44	18°40	13°59	11°51	6° 6	13°36	12° 5	2°24	0°20
S 23	2 40 34	8°34'22	3♁39	21°33	8°14	27°34	17°48	18°46	13°57	11°52	6° 6	13°34	12° 2	2°31	0°20
S 24	2 44 30	9°34'41	15°35	21°50	8°R16	28° 6	17°52	18°52	13°55	11°52	6° 5	13°31	11°59	2°38	0°19
M 25	2 48 27	10°35'02	27°27	22°16	8°15	28°38	17°56	18°58	13°53	11°52	6° 5	13°27	11°56	2°44	0°19
T 26	2 52 24	11°35'25	9♁18	22°52	8°12	29°10	18° 0	19° 4	13°51	11°53	6° 4	13°22	11°52	2°51	0°18
W 27	2 56 20	12°35'50	21° 9	23°35	8° 7	29°42	18° 4	19°10	13°49	11°53	6° 3	13°17	11°49	2°58	0°18
T 28	3 0 17	13°36'17	3♁ 2	24°26	7°59	0♁14	18° 9	19°16	13°47	11°53	6° 3	13°12	11°46	3° 4	0°18
F 29	3 4 13	14°36'45	15° 1	25°22	7°48	0°45	18°13	19°22	13°45	11°54	6° 2	13° 7	11°43	3°11	0°17
S 30	3 8 10	15°37'15	27°10	26°25	7°36	1°17	18°18	19°29	13°43	11°54	6° 1	13° 4	11°40	3°18	0°17
S 31	3 12 6	16♁37'47	9♁32	27♁32	7♁20	1♁48	18♁23	19♁35	13°Y41	11♁54	6♁ 1	13°Y 3	11°Y37	3♁24	0°X17

Day	☉			☽			♀			♁			♂			♃			♅			♁			♁			♁			♁						
	decl	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	decl	lat						
F 1	6s32	28n36	5n15	17s 3	3s14	25s 8	5s10	17n37	1n22	16s51	1s12	21s47	1n 5	5n14	0s40	17n30	0n 8	20n59	2s23	5n23	5n14	23n54	5s55	5n41													
S 2	6 55	27 26	5 16	16 59	3 10	25 20	5 14	17 27	1 23	16 51	1 12	21 47	1 5	5 13	0 40	17 30	0 8	20 59	2 23	5 23	5 12	23 56	5 56	5 41													
S 3	7 18	24 54	5 3	16 52	3 5	25 31	5 17	17 18	1 24	16 51	1 11	21 48	1 5	5 12	0 40	17 29	0 8	20 59	2 23	5 23	5 11	23 58	5 57	5 41													
M 4	7 41	21 6	4 34	16 40	2 58	25 42	5 20	17 8	1 25	16 51	1 11	21 49	1 5	5 11	0 40	17 29	0 8	20 59	2 23	5 23	5 10	24 0	5 58	5 40													
T 5	8 3	16 10	3 51	16 23	2 50	25 52	5 22	16 58	1 26	16 51	1 11	21 49	1 5	5 10	0 40	17 29	0 8	20 59	2 23	5 23	5 9	24 2	5 58	5 40													
W 6	8 26	10 18	2 53	16 3	2 40	26 2	5 25	16 49	1 27	16 51	1 11	21 50	1 4	5 9	0 40	17 29	0 8	20 59	2 23	5 24	5 7	24 4	5 59	5 40													
T 7	8 48	3 44	1 44	15 37	2 28	26 11	5 27	16 39	1 27	16 51	1 11	21 51	1 4	5 8	0 40	17 28	0 8	20 59	2 23	5 24	5 6	24 6	6 0	5 39													
F 8	9 10	3s11	0 26	15 6	2 15	26 19	5 29	16 29	1 28	16 50	1 11	21 51	1 4	5 7	0 40	17 28	0 8	20 59	2 23	5 24	5 5	24 8	6 1	5 39													
S 9	9 32	10 6	0s56	14 32	2 0	26 27	5 31	16 19	1 29	16 50	1 11	21 52	1 4	5 7	0 40	17 28	0 8	20 59	2 23	5 24	5 4	24 10	6 2	5 39													
S 10	9 54	16 34	2 14	13 53	1 43	26 34	5 32	16 9	1 30	16 50	1 10	21 52	1 4	5 6	0 40	17 28	0 8	21 0	2 23	5 24	5 2	24 12	6 2	5 38													
M 11	10 16	22 3	3 24	13 10	1 24	26 41	5 34	15 59	1 31	16 49	1 10	21 53	1 4	5 5	0 40	17 27	0 8	21 0	2 23	5 23	5 1	24 14	6 3	5 38													
T 12	10 38	26 5	4 19	12 25	1 5	26 47	5 35	15 49	1 32	16 49	1 10	21 54	1 4	5 4	0 40	17 27	0 8	21 0	2 23	5 22	5 0	24 16	6 4	5 38													
W 13	10 59	28 17	4 57	11 38	0 44	26 52	5 35	15 39	1 32	16 48	1 10	21 54	1 3	5 3	0 40	17 27	0 8	21 0	2 23	5 22	4 59	24 18	6 5	5 37													
T 14	11 21	28 31	5 14	10 52	0 24	26 56	5 36	15 28	1 33	16 47	1 10	21 55	1 3	5 2	0 40	17 27	0 8	21 0	2 23	5 21	4 57	24 20	6 5	5 37													
F 15	11 42	26 52	5 13	10 6	0 3	27 0	5 36	15 18	1 34	16 46	1 10	21 56	1 3	5 1	0 40	17 27	0 8	21 0	2 23	5 21	4 56	24 22	6 6	5 37													
S 16	12 3	23 39	4 53	9 22	0m17	27 3	5 35	15 8	1 35	16 46	1 10	21 56	1 3	5 0	0 40	17 26	0 8	21 0	2 23	5 21	4 55	24 24	6 7	5 36													
S 17	12 24	19 16	4 18	8 43	0 36	27 5	5 35	14 58	1 36	16 45	1 9	21 57	1 3	4 59	0 40	17 26	0 8	21 0	2 23	5 21	4 54	24 26	6 7	5 36													
M 18	12 44	14 4	3 30	8 7	0 54	27 7	5 34	14 48	1 37	16 44	1 9	21 57	1 3	4 58	0 40	17 26	0 8	21 0	2 23	5 22	4 53	24 28	6 8	5 36													
T 19	13 5	8 23	2 33	7 37	1 11	27 8	5 32	14 37	1 38	16 43	1 9	21 58	1 3	4 58	0 40	17 26	0 8	21 0	2 23																		

SWISS EPHEMERIS for the year 1428

NOVEMBER 1428 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	3 16 3	17 ^m 38'21	22 ^Ω 11	28 [♁] 44	7°R 3	2 [♁] 19	18 [♁] 29	19 [♁] 41	13°R39	11 [♁] 54	6°R 0	13°D 2	11 [♁] 33	3 [♁] 31	0°R17
T 2	3 20 0	18°38'57	5 [♁] 12	29°59	6 [♁] 43	2°50	18°34	19°48	13 [♁] 37	11°54	5 [♁] 59	13 [♁] 3	11°30	3°38	0°D17
W 3	3 23 56	19°39'34	18°39	1 [♁] 17	6°21	3°21	18°40	19°54	13°35	11°55	5°58	13° 5	11°27	3°45	0 [♁] 17
T 4	3 27 53	20°40'13	2 [♁] 32	2°37	5°57	3°51	18°45	20° 0	13°33	11°55	5°57	13° 6	11°24	3°51	0°17
F 5	3 31 49	21°40'54	16°54	4° 0	5°30	4°22	18°51	20° 7	13°32	11°R55	5°57	13°R 7	11°21	3°58	0°17
S 6	3 35 46	22°41'36	1 [♁] 41	5°24	5° 2	4°52	18°57	20°13	13°30	11°55	5°56	13° 5	11°18	4° 5	0°17
S 7	3 39 42	23°42'20	16°47	6°51	4°32	5°22	19° 4	20°20	13°28	11°55	5°55	13° 2	11°14	4°11	0°18
M 8	3 43 39	24°43'06	2 [♁] 7	8°18	4° 1	5°52	19°10	20°26	13°26	11°54	5°54	12°57	11°11	4°18	0°18
T 9	3 47 35	25°43'52	17°19	9°46	3°28	6°22	19°17	20°33	13°25	11°54	5°53	12°50	11° 8	4°25	0°18
W10	3 51 32	26°44'40	2 [♁] 24	11°16	2°54	6°52	19°24	20°40	13°23	11°54	5°52	12°43	11° 5	4°31	0°19
T 11	3 55 29	27°45'30	17° 9	12°46	2°19	7°21	19°31	20°46	13°22	11°54	5°51	12°37	11° 2	4°38	0°19
F 12	3 59 25	28°46'20	1 [♁] 28	14°17	1°44	7°50	19°38	20°53	13°20	11°54	5°50	12°32	10°58	4°45	0°20
S 13	4 3 22	29°47'11	15°19	15°48	1° 7	8°19	19°45	21° 0	13°19	11°54	5°49	12°29	10°55	4°51	0°21
S 14	4 7 18	0 [♁] 48'02	28°41	17°19	0°31	8°48	19°52	21° 6	13°17	11°53	5°48	12°D28	10°52	4°58	0°21
M15	4 11 15	1°48'55	11 [♁] 39	18°51	29 [♁] 55	9°17	20° 0	21°13	13°16	11°53	5°47	12°28	10°49	5° 5	0°22
T 16	4 15 11	2°49'48	24°15	20°24	29°18	9°45	20° 8	21°20	13°14	11°53	5°46	12°29	10°46	5°12	0°23
W17	4 19 8	3°50'43	6 [♁] 34	21°56	28°43	10°14	20°16	21°27	13°13	11°52	5°45	12°R30	10°43	5°18	0°24
T 18	4 23 4	4°51'38	18°41	23°29	28° 8	10°42	20°24	21°34	13°12	11°52	5°44	12°30	10°39	5°25	0°25
F 19	4 27 1	5°52'34	0 [♁] 39	25° 1	27°34	11°10	20°32	21°41	13°11	11°51	5°43	12°28	10°36	5°32	0°26
S 20	4 30 58	6°53'30	12°33	26°34	27° 1	11°37	20°40	21°47	13°10	11°51	5°42	12°24	10°33	5°38	0°27
S 21	4 34 54	7°54'28	24°24	28° 7	26°30	12° 5	20°49	21°54	13° 8	11°50	5°41	12°17	10°30	5°45	0°28
M22	4 38 51	8°55'27	6 [♁] 114	29°40	26° 1	12°32	20°57	22° 1	13° 7	11°50	5°40	12° 8	10°27	5°52	0°29
T 23	4 42 47	9°56'26	18° 6	1 [♁] 13	25°33	12°59	21° 6	22° 8	13° 6	11°49	5°39	11°56	10°24	5°58	0°30
W24	4 46 44	10°57'27	0 [♁] 1	2°47	25° 7	13°26	21°15	22°15	13° 5	11°49	5°38	11°44	10°20	6° 5	0°32
T 25	4 50 40	11°58'28	12° 0	4°20	24°44	13°53	21°24	22°22	13° 4	11°48	5°37	11°33	10°17	6°12	0°33
F 26	4 54 37	12°59'30	24° 5	5°53	24°22	14°19	21°33	22°29	13° 3	11°47	5°36	11°22	10°14	6°19	0°35
S 27	4 58 33	14° 0'33	6 [♁] 18	7°27	24° 3	14°45	21°42	22°36	13° 3	11°47	5°34	11°13	10°11	6°25	0°36
S 28	5 2 30	15° 1'37	18°41	9° 1	23°46	15°11	21°52	22°43	13° 2	11°46	5°33	11° 7	10° 8	6°32	0°37
M29	5 6 27	16° 2'42	1 [♁] 19	10°34	23°32	15°36	22° 1	22°50	13° 1	11°45	5°32	11° 4	10° 4	6°39	0°39
T 30	5 10 23	17 [♁] 3'48	14 [♁] 14	12 [♁] 8	23 [♁] 20	16 [♁] 2	22 [♁] 11	22 [♁] 57	13 [♁] 0	11 [♁] 44	5 [♁] 31	11°D 3	10 [♁] 1	6 [♁] 45	0 [♁] 41

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	17s 9	17n58	4n 2	8s57	2n15	25s56	4s26	12n23	1n49	16s24	1s 7	22s 6	1n 1	4n47	0s40	17n25	0n 9	21n 0	2s23	5n10	4n35	24n54	6s15	5n30
T 2	17 26	12 36	3 12	9 27	2 12	25 43	4 17	12 13	1 50	16 22	1 7	22 7	1 1	4 47	0 40	17 25	0 9	21 0	2 23	5 10	4 34	24 56	6 15	5 30
W 3	17 42	6 29	2 9	9 57	2 8	25 29	4 7	12 2	1 51	16 20	1 7	22 7	1 1	4 46	0 40	17 25	0 9	21 0	2 23	5 11	4 33	24 58	6 16	5 30
T 4	17 59	0s 8	0 57	10 29	2 4	25 15	3 56	11 52	1 52	16 19	1 7	22 8	1 1	4 45	0 40	17 25	0 9	21 0	2 23	5 11	4 31	25 0	6 16	5 29
F 5	18 15	6 59	0s21	11 2	1 59	24 59	3 45	11 42	1 53	16 17	1 7	22 8	1 1	4 45	0 40	17 25	0 9	21 0	2 23	5 12	4 30	25 2	6 16	5 29
S 6	18 30	13 39	1 39	11 35	1 53	24 42	3 34	11 31	1 54	16 15	1 7	22 9	1 1	4 44	0 40	17 25	0 9	21 0	2 23	5 11	4 29	25 3	6 17	5 29
S 7	18 46	19 39	2 52	12 9	1 48	24 25	3 21	11 21	1 55	16 12	1 6	22 10	1 0	4 43	0 40	17 25	0 9	21 1	2 23	5 10	4 28	25 5	6 17	5 28
M 8	19 1	24 27	3 54	12 43	1 42	24 6	3 9	11 11	1 56	16 10	1 6	22 10	1 0	4 43	0 40	17 25	0 9	21 1	2 23	5 8	4 26	25 7	6 17	5 28
T 9	19 15	27 32	4 39	13 17	1 36	23 47	2 55	11 1	1 57	16 8	1 6	22 11	1 0	4 42	0 40	17 25	0 9	21 1	2 23	5 5	4 25	25 9	6 17	5 27
W10	19 29	28 33	5 4	13 51	1 29	23 27	2 41	10 51	1 58	16 6	1 6	22 11	1 0	4 41	0 40	17 25	0 9	21 1	2 23	5 2	4 24	25 11	6 18	5 27
T 11	19 43	27 30	5 8	14 24	1 23	23 6	2 27	10 41	1 59	16 3	1 6	22 12	1 0	4 41	0 40	17 25	0 9	21 1	2 23	5 0	4 23	25 12	6 18	5 27
F 12	19 57	24 38	4 52	14 58	1 16	22 44	2 12	10 31	2 0	16 1	1 6	22 12	1 0	4 40	0 40	17 25	0 9	21 1	2 22	4 58	4 21	25 14	6 18	5 26
S 13	20 10	20 26	4 20	15 31	1 9	22 22	1 58	10 21	2 1	15 59	1 6	22 13	1 0	4 40	0 40	17 25	0 9	21 1	2 22	4 57	4 20	25 16	6 18	5 26
S 14	20 23	15 18	3 34	16 4	1 2	21 59	1 42	10 11	2 2	15 56	1 5	22 14	1 0	4 39	0 40	17 25	0 9	21 1	2 22	4 56	4 19	25 18	6 18	5 25
M15	20 35	9 40	2 39	16 36	0 55	21 37	1 27	10 1	2 3	15 54	1 5	22 14	0 59	4 39	0 40	17 25	0 9	21 1	2 22	4 57	4 18	25 19	6 18	5 25
T 16	20 48	3 46	1 37	17 8	0 48	21 14	1 11	9 51	2 4	15 51	1 5	22 15	0 59	4 38	0 39	17 26	0 9	21 1	2 22	4 57	4 16	25 21	6 18	5 25
W17	20 59	2n 8	0 32	17 39	0 41	20 51	0 56	9 41	2 5	15 48	1 5	22 15	0 59	4 38	0 39	17 26	0 9	21 1	2 22	4 57	4 15	25 23	6 18	5 24
T 18	21 10	7 51	0n33	18 9	0 34	20 28	0 40	9 31	2 6	15 46	1 5	22 16	0 59	4 37	0 39	17 26	0 9	21 1	2 22	4 57	4 14	25 25	6 18	5 24
F 19	21 21	13 14	1 36	18 39	0 27	20 5	0 25	9 22	2 7	15 43	1 5	22 16	0 59	4 37	0 39	17 26	0 9	21 1	2 22	4 57	4 13	25 26	6 18	5 24
S 20	21 32	18 6	2 34	19 8	0 20	19 42	0 9	9 12	2 8	15 40	1 5	22 17	0 59	4 36	0 39	17 26	0 9	21 1	2 22	4 55	4 11	25 28	6 18	5 23
S 21	21 42	22 14	3 25	19 36	0 13	19 20	0n 6	9 3	2 9	15 37	1 5	22 17	0 59	4 36	0 39	17 26	0 9	21 1	2 22	4 52	4 10	25 30	6 18	5 23
M22	21 51	25 28	4 7	20 3	0 6	18 59	0 21	8 53	2 10	15 34	1 4	22 18	0 59	4 36	0 39	17 26	0 9	21 2	2 22	4 49	4 9	25 32	6 18	5 23
T 23	22 1	27 36	4 38	20 29	0s 1	18 38	0 36	8 44	2 12	15 31	1 4	22 18	0 59	4 35	0 39	17 27	0 9	21 2	2 22	4 44	4 8	25 33	6 18	5 22
W24	22 9	28 28	4 57	20 55	0 8	18 18	0 50	8 34	2 13	15 29	1 4	22 19	0 59	4 35	0 39	17 27	0 9	21 2	2 22	4 39	4 6	25 35	6 18	5 22
T 25	22 18	28 0	5 3	21 19	0 15	17 58	1 4	8 25	2 14	15 25	1 4	22 19	0 59	4 35	0 39	17 27	0 9	21 2	2 22	4 35	4 5	25 37	6 18	5 21
F 26	22 26	26 13	4 56	21 43	0 21	17 40	1 18	8 16	2 15	15 22	1 4	22 20	0 59	4 34	0 39	17 27	0 9	21 2	2 22	4 31	4 4	25 38	6 18	5 21
S 27	22 33	23 12	4 35	22 5	0 28	17 22	1 31	8 7	2 16	15 19	1 4	22 20	0 58	4 34	0 39	17 27	0 9	21 2	2 22	4 27	4 3	25 40	6 18	5 21
S 28	22 40	19 5	4 1	22 26	0 34	17 6	1 44	7 58	2 17	15 16	1 4	22 21	0 58	4 34	0 39	17 28	0 9	21 2	2 22	4 25	4 1	25 42	6 17	5 20
M29	22 47	14 4	3 15	22 47	0 41	16 51	1 56	7 49	2 18	15 1														

SWISS EPHEMERIS for the year 1428

DECEMBER 1428 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
W 1	5 14 20	18♂ 4'55	27♁30	13♂42	22°R11	16♁27	22♂21	23♂ 4	13°R 0	11°R43	5°R30	11°Y 3	9°Y58	6II52	0K42
T 2	5 18 16	19° 6'02	11♁11	15°16	23III 4	16°52	22°31	23°11	12°Y59	11°L43	5°D29	11°R 3	9°55	6°59	0°44
F 3	5 22 13	20° 7'11	25°18	16°51	23° 0	17°16	22°41	23°18	12°59	11°42	5°27	11° 3	9°52	7° 5	0°46
S 4	5 26 9	21° 8'20	9III52	18°25	22°D58	17°41	22°51	23°25	12°58	11°41	5°26	11° 0	9°49	7°12	0°48
S 5	5 30 6	22° 9'30	24°48	20° 0	22°59	18° 5	23° 1	23°32	12°58	11°40	5°25	10°54	9°45	7°19	0°50
M 6	5 34 2	23°10'41	10♂ 1	21°35	23° 2	18°28	23°12	23°39	12°57	11°39	5°24	10°45	9°42	7°26	0°52
T 7	5 37 59	24°11'52	25°19	23°10	23° 7	18°52	23°22	23°46	12°57	11°38	5°23	10°35	9°39	7°32	0°54
W 8	5 41 56	25°13'03	10♁31	24°45	23°15	19°15	23°33	23°54	12°57	11°37	5°21	10°24	9°36	7°39	0°56
T 9	5 45 52	26°14'15	25°27	26°21	23°25	19°37	23°44	24° 1	12°56	11°36	5°20	10°13	9°33	7°46	0°58
F 10	5 49 49	27°15'27	9♂59	27°56	23°37	20° 0	23°55	24° 8	12°56	11°35	5°19	10° 3	9°30	7°52	1° 0
S 11	5 53 45	28°16'38	24° 0	29°32	23°52	20°22	24° 6	24°15	12°56	11°34	5°18	9°57	9°26	7°59	1° 2
S 12	5 57 42	29°17'50	7K32	1♁ 9	24° 8	20°44	24°17	24°22	12°56	11°32	5°16	9°53	9°23	8° 6	1° 4
M13	6 1 38	0♁19'01	20°34	2°46	24°27	21° 5	24°28	24°29	12°D56	11°31	5°15	9°51	9°20	8°13	1° 7
T 14	6 5 35	1°20'12	3°Y12	4°23	24°47	21°26	24°39	24°36	12°56	11°30	5°14	9°51	9°17	8°19	1° 9
W15	6 9 32	2°21'23	15°30	6° 0	25° 9	21°47	24°51	24°43	12°56	11°29	5°13	9°51	9°14	8°26	1°11
T 16	6 13 28	3°22'34	27°34	7°37	25°34	22° 7	25° 2	24°50	12°56	11°28	5°11	9°50	9°10	8°33	1°14
F 17	6 17 25	4°23'45	9♁29	9°15	26° 0	22°27	25°14	24°57	12°56	11°26	5°10	9°47	9° 7	8°39	1°16
S 18	6 21 21	5°24'55	21°19	10°54	26°27	22°47	25°25	25° 4	12°57	11°25	5° 9	9°41	9° 4	8°46	1°19
S 19	6 25 18	6°26'05	3II 8	12°32	26°57	23° 6	25°37	25°11	12°57	11°24	5° 8	9°32	9° 1	8°53	1°21
M20	6 29 14	7°27'15	14°59	14°11	27°27	23°25	25°49	25°18	12°57	11°23	5° 6	9°20	8°58	8°59	1°24
T 21	6 33 11	8°28'24	26°55	15°50	28° 0	23°43	26° 1	25°25	12°58	11°21	5° 5	9° 6	8°55	9° 6	1°27
W22	6 37 7	9°29'34	8♁57	17°30	28°34	24° 1	26°13	25°32	12°58	11°20	5° 4	8°51	8°51	9°13	1°29
T 23	6 41 4	10°30'43	21° 5	19° 9	29° 9	24°19	26°25	25°39	12°59	11°18	5° 3	8°36	8°48	9°20	1°32
F 24	6 45 1	11°31'52	3♁22	20°49	29°46	24°36	26°37	25°45	12°59	11°17	5° 1	8°23	8°45	9°26	1°35
S 25	6 48 57	12°33'01	15°47	22°29	0♁24	24°53	26°50	25°52	13° 0	11°16	5° 0	8°12	8°42	9°33	1°38
S 26	6 52 54	13°34'09	28°21	24° 9	1° 3	25° 9	27° 2	25°59	13° 0	11°14	4°59	8° 4	8°39	9°40	1°41
M27	6 56 50	14°35'17	11♁ 7	25°49	1°44	25°25	27°14	26° 6	13° 1	11°13	4°58	7°59	8°36	9°46	1°44
T 28	7 0 47	15°36'25	24° 6	27°29	2°25	25°41	27°27	26°13	13° 2	11°11	4°56	7°56	8°32	9°53	1°46
W29	7 4 43	16°37'33	7♁21	29° 8	3° 8	25°55	27°39	26°20	13° 3	11°10	4°55	7°D56	8°29	10° 0	1°49
T 30	7 8 40	17°38'40	20°55	0♁48	3°52	26°10	27°52	26°26	13° 3	11° 8	4°54	7°R56	8°26	10° 6	1°52
F 31	7 12 36	18°39'48	4III49	2♁26	4♁37	26♁24	28♂ 5	26♁33	13°Y 4	11°L 7	4°D53	7°Y55	8°Y23	10III13	1K56

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	22s59	2n 5	1n11	23s24	0s53	16s23	2n19	7n31	2n20	15s 6	1s 3	22s22	0n58	4n33	0s39	17n28	0n 9	21n 2	2s22	4n23	3n58	25n47	6s17	5n19
T 2	23 4	4s27	0s 1	23 40	0 59	16 11	2 30	7 23	2 22	15 3	1 3	22 22	0 58	4 33	0 39	17 29	0 9	21 2	2 22	4 23	3 56	25 48	6 16	5 19
F 3	23 9	10 59	1 15	23 56	1 5	16 0	2 40	7 14	2 23	15 0	1 3	22 23	0 58	4 33	0 39	17 29	0 9	21 3	2 22	4 23	3 55	25 50	6 16	5 19
S 4	23 13	17 8	2 27	24 10	1 10	15 50	2 50	7 6	2 24	14 56	1 3	22 23	0 58	4 32	0 39	17 29	0 9	21 3	2 22	4 22	3 54	25 51	6 16	5 18
S 5	23 17	22 25	3 30	24 24	1 15	15 42	2 59	6 57	2 25	14 53	1 3	22 24	0 58	4 32	0 39	17 29	0 9	21 3	2 22	4 20	3 53	25 53	6 15	5 18
M 6	23 20	26 18	4 19	24 35	1 21	15 34	3 7	6 49	2 26	14 49	1 3	22 24	0 58	4 32	0 39	17 30	0 9	21 3	2 22	4 16	3 51	25 55	6 15	5 18
T 7	23 23	28 16	4 51	24 46	1 26	15 27	3 16	6 41	2 28	14 46	1 3	22 24	0 58	4 32	0 39	17 30	0 9	21 3	2 22	4 12	3 50	25 56	6 15	5 17
W 8	23 26	28 6	5 1	24 55	1 30	15 22	3 23	6 33	2 29	14 42	1 3	22 25	0 58	4 32	0 39	17 30	0 9	21 3	2 22	4 8	3 49	25 58	6 14	5 17
T 9	23 28	25 53	4 51	25 3	1 35	15 17	3 30	6 25	2 30	14 38	1 3	22 25	0 58	4 32	0 39	17 31	0 9	21 3	2 21	4 3	3 48	25 59	6 14	5 17
F 10	23 29	22 0	4 21	25 9	1 39	15 14	3 37	6 17	2 31	14 35	1 2	22 26	0 58	4 32	0 39	17 31	0 9	21 3	2 21	4 0	3 46	26 1	6 13	5 16
S 11	23 30	16 58	3 37	25 14	1 43	15 11	3 43	6 10	2 33	14 31	1 2	22 26	0 58	4 32	0 39	17 31	0 9	21 3	2 21	3 57	3 45	26 3	6 13	5 16
S 12	23 31	11 17	2 42	25 18	1 47	15 10	3 49	6 2	2 34	14 27	1 2	22 26	0 57	4 32	0 39	17 32	0 9	21 3	2 21	3 56	3 44	26 4	6 12	5 16
M13	23 31	5 17	1 40	25 20	1 51	15 9	3 54	5 55	2 35	14 23	1 2	22 27	0 57	4 32	0 39	17 32	0 9	21 3	2 21	3 55	3 43	26 6	6 12	5 15
T 14	23 31	0n44	0 35	25 20	1 54	15 9	3 59	5 48	2 36	14 19	1 2	22 27	0 57	4 32	0 38	17 32	0 9	21 4	2 21	3 55	3 41	26 7	6 11	5 15
W15	23 30	6 35	0n30	25 19	1 57	15 10	4 4	5 41	2 38	14 15	1 2	22 27	0 57	4 32	0 38	17 33	0 9	21 4	2 21	3 55	3 40	26 9	6 11	5 15
T 16	23 28	12 5	1 32	25 17	1 59	15 12	4 8	5 34	2 39	14 11	1 2	22 28	0 57	4 32	0 38	17 33	0 9	21 4	2 21	3 54	3 39	26 10	6 10	5 14
F 17	23 27	17 4	2 30	25 13	2 1	15 14	4 12	5 27	2 40	14 7	1 2	22 28	0 57	4 32	0 38	17 33	0 9	21 4	2 21	3 53	3 38	26 12	6 10	5 14
S 18	23 24	21 22	3 20	25 7	2 3	15 17	4 15	5 21	2 42	14 3	1 2	22 28	0 57	4 32	0 38	17 34	0 9	21 4	2 21	3 51	3 36	26 13	6 9	5 14
S 19	23 22	24 48	4 2	25 0	2 5	15 21	4 18	5 14	2 43	13 59	1 2	22 29	0 57	4 32	0 38	17 34	0 9	21 4	2 21	3 47	3 35	26 15	6 8	5 13
M20	23 18	27 11	4 33	24 51	2 6	15 25	4 21	5 8	2 44	13 55	1 2	22 29	0 57	4 33	0 38	17 34	0 9	21 4	2 21	3 43	3 34	26 16	6 8	5 13
T 21	23 15	28 21	4 52	24 40	2 7	15 30	4 23	5 2	2 46	13 51	1 2	22 29	0 57	4 33	0 38	17 35	0 9	21 4	2 21	3 37	3 33	26 18	6 7	5 13
W22	23 10	28 11	4 59	24 28	2 7	15 36	4 25	4 56	2 47	13 47	1 1	22 29	0 57	4 33	0 38	17 35	0 9	21 4	2 21	3 31	3 31	26 19	6 6	5 13
T 23	23 6	26 40	4 52	24 14	2 7	15 41	4 27	4 50	2 48	13 43	1 1	22 30	0 57	4 33	0 38	17 36	0 9	21 5	2 21	3 25	3 30	26 21	6 6	5 12
F 24	23 1	23 52	4 32	23 59	2 6	15 48	4 28	4 45	2 50	13 39	1 1	22 30	0 57	4 34	0 38	17 36	0 10	21 5	2 21	3 20	3 29	26 22	6 5	5 12
S 25	22 55	19 57	3 58	23 42	2 5	15 55	4 29	4 39	2 51	13 34	1 1	22 30	0 57	4 34	0 38	17 36	0 10	21 5	2 21	3 16	3 28	26 24	6 4	5 12
S 26	22 49	15 5	3 12	23 23	2 4	16 2	4 30	4 34	2 52	13 30	1 1	22 31	0 57	4 34	0 38	17 37	0 10	21 5	2 20	3 12	3 26	26 25	6 4	5 11
M27	22 43	9 31	2 17	23 2	2 2	16 9	4 31	4 29	2 54	13 26	1 1	22 31	0 57	4 34	0 38	17 37	0 10	21 5	2 20	3 10	3 25	26 27	6 3	5 11
T 28	22 36	3 28	1 12	22 40	1 59	16 17	4 31	4 24	2 55	13 21	1 1	22 31	0 57	4 35	0 38	17 38	0 10	21 5	2 20	3 10	3 24	26 28	6 2	5 11
W29	22 29	2s53	0 3	22 17	1 55	16 25	4 31	4 20	2 57	13 17	1 1	22 31	0 57	4 35	0 38	17 38	0 10	21 5	2 20	3 9	3 23	26 30		