

SWISS EPHEMERIS for the year 1438

JANUARY 1438 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	7 15 51	19°30'09	21°32'	27°32'	20°14'	9°53'	12°46'	2°49'	20°R 5	1°R23	16°R12	13°R53	14°16'	16°II32	5°V20
T 2	7 19 47	20°31'16	4°V31	27°54'	21°28'	10°14'	12°58'	2°52'	20°R 5	1°R22	16°R11	13°R51	14°13'	16°38'	5°22
F 3	7 23 44	21°32'22	17° 6'	28°22'	22°42'	10°35'	13°10'	2°56'	20° 4	1°21	16°10	13°51	14°10	16°45'	5°23
S 4	7 27 40	22°33'26	29°22'	28°56'	23°56'	10°57'	13°22'	3° 0	20° 3	1°20	16° 9	13°51	14° 7	16°52'	5°25
S 5	7 31 37	23°34'30	11°R23	29°35'	25°10'	11°18'	13°34'	3° 4	20° 2	1°18	16° 7	13°50	14° 3	16°59'	5°26
M 6	7 35 34	24°35'33	23°17'	0°R19	26°24'	11°41'	13°46'	3° 9	20° 1	1°17	16° 6	13°46	14° 0	17° 5	5°28
T 7	7 39 30	25°36'35	5°II 6	1° 7	27°38'	12° 3	13°58'	3°13	20° 1	1°16	16° 5	13°40	13°57	17°12'	5°30
W 8	7 43 27	26°37'36	16°56'	1°59	28°51'	12°26'	14° 9	3°17	20° 0	1°14	16° 3	13°31	13°54	17°19'	5°31
T 9	7 47 23	27°38'36	28°49'	2°55	0°R 5	12°49'	14°21	3°22	20° 0	1°13	16° 2	13°20	13°51	17°25'	5°33
F 10	7 51 20	28°39'35	10°R49	3°53	1°18	13°13'	14°33'	3°26	19°59	1°12	16° 1	13° 6	13°48	17°32'	5°35
S 11	7 55 16	29°40'33	22°56'	4°55	2°32	13°37'	14°44'	3°31	19°59	1°10	16° 0	12°52	13°44	17°39'	5°37
S 12	7 59 13	0°R41'29	5°R12	5°59	3°46	14° 1	14°56'	3°36	19°58	1° 9	15°58	12°39	13°41	17°45'	5°39
M13	8 3 10	1°42'25	17°37'	7° 5	4°59	14°25'	15° 7	3°40	19°58	1° 8	15°57	12°27	13°38	17°52'	5°41
T 14	8 7 6	2°43'20	0°R12	8°14	6°12	14°50'	15°18'	3°45	19°58	1° 6	15°56	12°18	13°35	17°59'	5°43
W15	8 11 3	3°44'14	12°56'	9°25	7°26	15°15'	15°29'	3°50	19°57	1° 5	15°55	12°11	13°32	18° 6	5°45
T 16	8 14 59	4°45'07	25°52'	10°37	8°39	15°40'	15°40'	3°55	19°57	1° 3	15°53	12° 7	13°28	18°12'	5°47
F 17	8 18 56	5°45'59	9°R 0	11°52	9°52	16° 5	15°51'	4° 0	19°57	1° 2	15°52	12°D 6	13°25	18°19'	5°49
S 18	8 22 52	6°46'50	22°23'	13° 7	11° 5	16°31'	16° 2	4° 6	19°57	1° 0	15°51	12° 6	13°22	18°26'	5°51
S 19	8 26 49	7°47'40	6°R 2	14°25	12°18	16°57'	16°13'	4°11	19°D57	0°59	15°50	12°R 7	13°19	18°32'	5°54
M20	8 30 45	8°48'29	19°59	15°43	13°31	17°23'	16°24'	4°16	19°57	0°57	15°49	12° 6	13°16	18°39'	5°56
T 21	8 34 42	9°49'18	4°R13	17° 3	14°44	17°50'	16°34'	4°22	19°57	0°56	15°47	12° 4	13°13	18°46'	5°58
W22	8 38 38	10°50'05	18°44	18°25	15°57	18°16'	16°45'	4°27	19°57	0°54	15°46	11°59	13° 9	18°53'	6° 1
T 23	8 42 35	11°50'52	3°R27	19°47	17°10	18°43'	16°55'	4°33	19°57	0°53	15°45	11°52	13° 6	18°59'	6° 3
F 24	8 46 32	12°51'37	18°16	21°11	18°23	19°11'	17° 6	4°38	19°58	0°51	15°44	11°43	13° 3	19° 6	6° 6
S 25	8 50 28	13°52'21	3°R 3	22°36	19°36	19°38'	17°16'	4°44	19°58	0°50	15°43	11°33	13° 0	19°13'	6° 8
S 26	8 54 25	14°53'04	17°39	24° 1	20°48	20° 6	17°26'	4°50	19°58	0°48	15°42	11°24	12°57	19°19'	6°11
M27	8 58 21	15°53'45	1°R58	25°28	22° 1	20°33'	17°36'	4°55	19°59	0°46	15°40	11°16	12°54	19°26'	6°13
T 28	9 2 18	16°54'25	15°53	26°56	23°13	21° 1	17°46'	5° 1	19°59	0°45	15°39	11°11	12°50	19°33'	6°16
W29	9 6 14	17°55'03	29°22	28°25	24°26	21°30'	17°56'	5° 7	20° 0	0°43	15°38	11° 8	12°47	19°40'	6°19
T 30	9 10 11	18°55'39	12°R25	29°54	25°38	21°58'	18° 5	5°13	20° 0	0°42	15°37	11°D 8	12°44	19°46'	6°21
F 31	9 14 7	19°56'13	25°R 5	1°R25	26°R50	22°R27	18°R15	5°R19	20°R 1	0°R40	15°R36	11°R 8	12°R41	19°R53	6°R24

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	22s 5	1s36	1n55	20s49	2n40	16s21	1s40	16n21	1n37	21s51	0n33	1s 6	2s25	17n34	0s15	11n44	0n47	23n38	1n 7	5s29	5s39	18n17	3n58	2n 0
T 2	21 56	2n33	0 49	20 59	2 31	15 57	1 39	16 29	1 38	21 52	0 33	1 4	2 25	17 34	0 15	11 45	0 47	23 39	1 7	5 29	5 37	18 18	3 58	2 0
F 3	21 47	6 28	0s17	21 9	2 21	15 32	1 38	16 36	1 38	21 54	0 33	1 2	2 24	17 34	0 15	11 45	0 47	23 39	1 8	5 29	5 36	18 18	3 59	2 0
S 4	21 37	10 1	1 21	21 19	2 12	15 6	1 37	16 43	1 39	21 55	0 33	1 0	2 24	17 34	0 15	11 46	0 47	23 39	1 8	5 29	5 35	18 18	3 59	2 0
S 5	21 27	13 4	2 20	21 29	2 2	14 40	1 36	16 50	1 39	21 57	0 33	0 58	2 24	17 34	0 15	11 46	0 47	23 39	1 8	5 28	5 34	18 18	4 0	1 59
M 6	21 16	15 32	3 12	21 39	1 52	14 14	1 35	16 57	1 39	21 58	0 33	0 57	2 24	17 33	0 15	11 47	0 47	23 39	1 8	5 27	5 32	18 19	4 0	1 59
T 7	21 5	17 20	3 56	21 49	1 42	13 48	1 33	17 5	1 40	22 0	0 33	0 55	2 23	17 33	0 15	11 47	0 47	23 40	1 8	5 25	5 31	18 19	4 1	1 59
W 8	20 53	18 24	4 29	21 58	1 31	13 21	1 32	17 12	1 40	22 1	0 33	0 53	2 23	17 33	0 15	11 48	0 47	23 40	1 8	5 21	5 30	18 19	4 1	1 59
T 9	20 42	18 39	4 51	22 7	1 21	12 53	1 31	17 20	1 40	22 3	0 33	0 51	2 23	17 33	0 15	11 48	0 47	23 40	1 8	5 17	5 29	18 19	4 2	1 59
F 10	20 29	18 5	5 0	22 16	1 11	12 26	1 29	17 27	1 41	22 4	0 33	0 49	2 23	17 33	0 15	11 49	0 47	23 40	1 8	5 11	5 27	18 20	4 2	1 59
S 11	20 17	16 41	4 56	22 24	1 2	11 58	1 28	17 35	1 41	22 5	0 33	0 47	2 23	17 33	0 15	11 49	0 47	23 40	1 8	5 6	5 26	18 20	4 3	1 58
S 12	20 4	14 32	4 38	22 31	0 52	11 30	1 26	17 42	1 41	22 7	0 33	0 45	2 22	17 33	0 15	11 50	0 47	23 41	1 8	5 1	5 25	18 20	4 3	1 58
M13	19 50	11 41	4 7	22 37	0 42	11 1	1 24	17 50	1 42	22 8	0 33	0 42	2 22	17 33	0 15	11 50	0 47	23 41	1 8	4 56	5 24	18 20	4 4	1 58
T 14	19 37	8 16	3 23	22 42	0 33	10 32	1 23	17 57	1 42	22 9	0 33	0 40	2 22	17 33	0 15	11 51	0 47	23 41	1 8	4 52	5 22	18 20	4 5	1 58
W15	19 22	4 26	2 28	22 47	0 24	10 3	1 21	18 5	1 42	22 10	0 33	0 38	2 22	17 33	0 15	11 51	0 47	23 41	1 8	4 50	5 21	18 21	4 5	1 58
T 16	19 8	0 21	1 25	22 51	0 14	9 34	1 19	18 13	1 42	22 12	0 33	0 36	2 22	17 33	0 15	11 52	0 47	23 42	1 8	4 48	5 20	18 21	4 6	1 58
F 17	18 53	3s50	0 16	22 53	0 6	9 4	1 17	18 20	1 43	22 13	0 33	0 34	2 21	17 33	0 15	11 52	0 47	23 42	1 8	4 48	5 19	18 21	4 7	1 57
S 18	18 38	7 54	0n55	22 55	0s 3	8 35	1 15	18 28	1 43	22 14	0 33	0 32	2 21	17 33	0 15	11 53	0 47	23 42	1 8	4 48	5 18	18 21	4 8	1 57
S 19	18 22	11 37	2 4	22 55	0 11	8 5	1 12	18 36	1 43	22 15	0 33	0 29	2 21	17 33	0 15	11 53	0 47	23 42	1 9	4 48	5 16	18 21	4 8	1 57
M20	18 7	14 47	3 7	22 54	0 20	7 34	1 10	18 43	1 43	22 16	0 33	0 27	2 21	17 33	0 15	11 54	0 47	23 42	1 9	4 48	5 15	18 22	4 9	1 57
T 21	17 50	17 6	4 1	22 52	0 28	7 4	1 8	18 51	1 43	22 17	0 33	0 25	2 21	17 33	0 15	11 54	0 47	23 42	1 9	4 47	5 14	18 22	4 10	1 57
W22	17 34	18 23	4 40	22 49	0 35	6 34	1 5	18 59	1 44	22 18	0 33	0 22	2 20	17 33	0 15	11 55	0 47	23 43	1 9	4 45	5 13	18 22	4 11	1 57
T 23	17 17	18 27	5 1	22 45	0 43	6 3	1 3	19 6	1 44	22 19	0 33	0 20	2 20	17 33	0 15	11 56	0 47	23 43	1 9	4 42	5 11	18 22	4 11	1 56
F 24	17 0	17 16	5 2	22 39	0 50	5 32	1 0	19 14	1 44	22 20	0 33	0 18	2 20	17 33	0 15	11 56	0 47	23 43	1 9	4 39	5 10	18 22	4 12	1 56
S 25	16 43	14 56	4 43	22 33	0 57	5 1	0 58	19 22	1 44	22 21	0 33	0 15	2 20	17 33	0 15	11 57	0 47	23 43	1 9	4 35	5 9	18 22	4 13	1 56
S 26	16 25	11 41	4 6	22 25	1 3	4 30	0 55	19 29	1 44	22 22	0 33	0 13	2 20	17 33	0 15	11 57	0 47	23 43	1 9	4 31	5 8	18 23	4 14	1 56
M27	16 7	7 47	3 14	22 15	1 10	3 59	0 52	19 37	1 44	22 23	0 33	0 10	2 20	17 33	0 15	11 58	0 47	23 44	1 9	4 28	5 6	18 23	4 15	1 56
T 28	15 49	3 34	2 11	22 4	1 16	3 27	0 50	19 45	1 44	22 24	0 33	0 8	2 19	17 33	0 15	11 58	0 47	23 44	1 9	4 26	5 5	18 23	4 16	1 56
W29	15 30	0n42	1 3	21 52	1 22	2 56	0 47	19 52	1 44	22 25	0 33													

SWISS EPHEMERIS for the year 1438

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00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
S 1	9 18 4	20 ^h 56'46"	7 ^h 25'	2 ^h 57'	28 ^h 3'	22 ^h 55'	18 ^h 24'	5 ^h 25'	20 ^h 8'	0 ^h R38	15 ^h R35	11 ^h 10'	12 ^h 38'	20 ^h II 0	6 ^h Y27
S 2	9 22 1	21 ^h 57'17"	19 ^h 30'	4 ^h 29'	29 ^h 15'	23 ^h 24'	18 ^h 34'	5 ^h 32'	20 ^h 2'	0 ^h mp37	15 ^h 34'	11 ^h R10	12 ^h 34'	20 ^h 6'	6 ^h 30
M 3	9 25 57	22 ^h 57'46"	1 ^h II26	6 ^h 3'	0 ^h Y27	23 ^h 53'	18 ^h 43'	5 ^h 38'	20 ^h 3'	0 ^h 35	15 ^h 33'	11 ^h 10'	12 ^h 31'	20 ^h 13'	6 ^h 33
T 4	9 29 54	23 ^h 58'13"	13 ^h 17'	7 ^h 37'	1 ^h 39'	24 ^h 23'	18 ^h 52'	5 ^h 44'	20 ^h 4'	0 ^h 33	15 ^h 32'	11 ^h 8'	12 ^h 28'	20 ^h 20'	6 ^h 35
W 5	9 33 50	24 ^h 58'38"	25 ^h 9'	9 ^h 12'	2 ^h 50'	24 ^h 52'	19 ^h 1'	5 ^h 51'	20 ^h 5'	0 ^h 32	15 ^h 31'	11 ^h 3'	12 ^h 25'	20 ^h 27'	6 ^h 38
T 6	9 37 47	25 ^h 59'02"	7 ^h 5'	10 ^h 49'	4 ^h 2'	25 ^h 22'	19 ^h 10'	5 ^h 57'	20 ^h 6'	0 ^h 30	15 ^h 30'	10 ^h 57'	12 ^h 22'	20 ^h 33'	6 ^h 41
F 7	9 41 43	26 ^h 59'23"	19 ^h 9'	12 ^h 26'	5 ^h 14'	25 ^h 52'	19 ^h 19'	6 ^h 3'	20 ^h 7'	0 ^h 28	15 ^h 29'	10 ^h 50'	12 ^h 19'	20 ^h 40'	6 ^h 44
S 8	9 45 40	27 ^h 59'43"	1 ^h 12'23"	14 ^h 4'	6 ^h 25'	26 ^h 22'	19 ^h 27'	6 ^h 10'	20 ^h 8'	0 ^h 27	15 ^h 28'	10 ^h 42'	12 ^h 15'	20 ^h 47'	6 ^h 47
S 9	9 49 36	29 ^h 0'00"	13 ^h 50'	15 ^h 44'	7 ^h 37'	26 ^h 52'	19 ^h 36'	6 ^h 17'	20 ^h 9'	0 ^h 25	15 ^h 27'	10 ^h 34'	12 ^h 12'	20 ^h 53'	6 ^h 50
M10	9 53 33	0 ^h X 0'16"	26 ^h 31'	17 ^h 24'	8 ^h 48'	27 ^h 22'	19 ^h 44'	6 ^h 23'	20 ^h 10'	0 ^h 23	15 ^h 27'	10 ^h 27'	12 ^h 9'	21 ^h 0'	6 ^h 54
T 11	9 57 30	1 ^h 0'30"	9 ^h mp24	19 ^h 5'	9 ^h 59'	27 ^h 52'	19 ^h 53'	6 ^h 30'	20 ^h 11'	0 ^h 22	15 ^h 26'	10 ^h 21'	12 ^h 6'	21 ^h 7'	6 ^h 57
W12	10 1 26	2 ^h 0'42"	22 ^h 30'	20 ^h 47'	11 ^h 10'	28 ^h 23'	20 ^h 1'	6 ^h 36'	20 ^h 12'	0 ^h 20	15 ^h 25'	10 ^h 18'	12 ^h 3'	21 ^h 14'	7 ^h 0
T 13	10 5 23	3 ^h 0'52"	5 ^h 14'48"	22 ^h 31'	12 ^h 21'	28 ^h 53'	20 ^h 9'	6 ^h 43'	20 ^h 13'	0 ^h 18	15 ^h 24'	10 ^h D16	11 ^h 59'	21 ^h 20'	7 ^h 3
F 14	10 9 19	4 ^h 1'01"	19 ^h 17'	24 ^h 15'	13 ^h 32'	29 ^h 24'	20 ^h 17'	6 ^h 50'	20 ^h 15'	0 ^h 17	15 ^h 23'	10 ^h 16'	11 ^h 56'	21 ^h 27'	7 ^h 6
S 15	10 13 16	5 ^h 1'08"	2 ^h 11'57"	26 ^h 1'	14 ^h 43'	29 ^h 55'	20 ^h 24'	6 ^h 57'	20 ^h 16'	0 ^h 15	15 ^h 22'	10 ^h 18'	11 ^h 53'	21 ^h 34'	7 ^h 9
S 16	10 17 12	6 ^h 1'14"	16 ^h 47'	27 ^h 47'	15 ^h 53'	0 ^h II26	20 ^h 32'	7 ^h 4'	20 ^h 18'	0 ^h 13	15 ^h 22'	10 ^h 19'	11 ^h 50'	21 ^h 40'	7 ^h 13
M17	10 21 9	7 ^h 1'18"	0 ^h X 47'	29 ^h 35'	17 ^h 4'	0 ^h 57'	20 ^h 39'	7 ^h 11'	20 ^h 19'	0 ^h 12	15 ^h 21'	10 ^h R20	11 ^h 47'	21 ^h 47'	7 ^h 16
T 18	10 25 5	8 ^h 1'20"	14 ^h 55'	1 ^h X 23'	18 ^h 14'	1 ^h 28'	20 ^h 47'	7 ^h 18'	20 ^h 21'	0 ^h 10	15 ^h 20'	10 ^h 20'	11 ^h 44'	21 ^h 54'	7 ^h 19
W19	10 29 2	9 ^h 1'21"	29 ^h 11'	3 ^h 13'	19 ^h 24'	2 ^h 0'	20 ^h 54'	7 ^h 25'	20 ^h 22'	0 ^h 8	15 ^h 19'	10 ^h 19'	11 ^h 40'	22 ^h 1'	7 ^h 23
T 20	10 32 59	10 ^h 1'20"	13 ^h 31'	5 ^h 4'	20 ^h 34'	2 ^h 31'	21 ^h 1'	7 ^h 32'	20 ^h 24'	0 ^h 7	15 ^h 19'	10 ^h 16'	11 ^h 37'	22 ^h 7'	7 ^h 26
F 21	10 36 55	11 ^h 1'18"	27 ^h 52'	6 ^h 56'	21 ^h 44'	3 ^h 3'	21 ^h 8'	7 ^h 39'	20 ^h 25'	0 ^h 5	15 ^h 18'	10 ^h 12'	11 ^h 34'	22 ^h 14'	7 ^h 29
S 22	10 40 52	12 ^h 1'14"	12 ^h 10'	8 ^h 49'	22 ^h 54'	3 ^h 34'	21 ^h 15'	7 ^h 46'	20 ^h 27'	0 ^h 3	15 ^h 17'	10 ^h 8'	11 ^h 31'	22 ^h 21'	7 ^h 33
S 23	10 44 48	13 ^h 1'08"	26 ^h 19'	10 ^h 43'	24 ^h 4'	4 ^h 6'	21 ^h 21'	7 ^h 53'	20 ^h 29'	0 ^h 2	15 ^h 17'	10 ^h 4'	11 ^h 28'	22 ^h 27'	7 ^h 36
M24	10 48 45	14 ^h 1'00"	10 ^h X 14'	12 ^h 39'	25 ^h 14'	4 ^h 38'	21 ^h 28'	8 ^h 0'	20 ^h 31'	0 ^h 0	15 ^h 16'	10 ^h 0'	11 ^h 25'	22 ^h 34'	7 ^h 40
T 25	10 52 41	15 ^h 0'50"	23 ^h 53'	14 ^h 35'	26 ^h 23'	5 ^h 10'	21 ^h 34'	8 ^h 7'	20 ^h 32'	29 ^h 159	15 ^h 16'	9 ^h 58'	11 ^h 21'	22 ^h 41'	7 ^h 43
W26	10 56 38	16 ^h 0'38"	7 ^h Y 12'	16 ^h 32'	27 ^h 33'	5 ^h 42'	21 ^h 40'	8 ^h 15'	20 ^h 34'	29 ^h 57	15 ^h 15'	9 ^h D57	11 ^h 18'	22 ^h 48'	7 ^h 47
T 27	11 0 34	17 ^h 0'23"	20 ^h 10'	18 ^h 30'	28 ^h 42'	6 ^h 14'	21 ^h 46'	8 ^h 22'	20 ^h 36'	29 ^h 55	15 ^h 15'	9 ^h 58'	11 ^h 15'	22 ^h 54'	7 ^h 50
F 28	11 4 31	18 ^h X 0'07"	2 ^h X 49'	20 ^h X 29'	29 ^h Y 51'	6 ^h II 47'	21 ^h X 52'	8 ^h Y 29'	20 ^h X 38'	29 ^h 154	15 ^h 14'	9 ^h 159	11 ^h 12'	23 ^h II 1	7 ^h Y 54

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	14s33	11n52	2s17	21s 8	1s37	1s21	0s38	20n15	1n45	22s28	0n33	0n 2	2s19	17n34	0s14	12n 1	0n47	23n44	1n 9	4s26	5s 0	18n24	4n20	1n55
S 2	14 14	14 35	3 12	20 50	1 42	0 50	0 35	20 22	1 45	22 29	0 33	0 5	2 19	17 34	0 14	12 1	0 47	23 45	1 9	4 26	4 59	18 24	4 21	1 55
M 3	13 54	16 38	3 58	20 32	1 46	0 18	0 31	20 29	1 45	22 29	0 33	0 8	2 18	17 34	0 14	12 2	0 47	23 45	1 9	4 26	4 58	18 24	4 22	1 55
T 4	13 34	17 57	4 33	20 11	1 50	0n14	0 28	20 37	1 45	22 30	0 33	0 10	2 18	17 35	0 14	12 3	0 47	23 45	1 9	4 25	4 56	18 24	4 23	1 55
W 5	13 14	18 29	4 57	19 49	1 53	0 45	0 25	20 44	1 45	22 31	0 33	0 13	2 18	17 35	0 14	12 3	0 47	23 45	1 9	4 23	4 55	18 24	4 24	1 55
T 6	12 54	18 12	5 7	19 26	1 56	1 17	0 21	20 51	1 45	22 32	0 33	0 16	2 18	17 35	0 14	12 4	0 47	23 45	1 9	4 21	4 54	18 24	4 25	1 54
F 7	12 33	17 6	5 5	19 2	1 59	1 48	0 18	20 58	1 45	22 32	0 33	0 18	2 18	17 36	0 14	12 5	0 47	23 45	1 9	4 18	4 53	18 24	4 26	1 54
S 8	12 12	15 13	4 49	18 36	2 2	2 20	0 15	21 6	1 45	22 33	0 33	0 21	2 18	17 36	0 14	12 5	0 47	23 46	1 10	4 15	4 51	18 25	4 27	1 54
S 9	11 51	12 36	4 18	18 8	2 4	2 51	0 11	21 13	1 45	22 34	0 32	0 24	2 18	17 36	0 14	12 6	0 47	23 46	1 10	4 12	4 50	18 25	4 28	1 54
M10	11 30	9 21	3 35	17 39	2 5	3 23	0 8	21 20	1 45	22 34	0 32	0 26	2 17	17 36	0 14	12 6	0 47	23 46	1 10	4 9	4 49	18 25	4 29	1 54
T 11	11 9	5 36	2 40	17 9	2 7	3 54	0 4	21 27	1 45	22 35	0 32	0 29	2 17	17 37	0 14	12 7	0 47	23 46	1 10	4 7	4 48	18 25	4 30	1 54
W12	10 47	1 32	1 35	16 37	2 7	4 26	0 0	21 33	1 45	22 36	0 32	0 32	2 17	17 37	0 14	12 8	0 47	23 46	1 10	4 5	4 46	18 25	4 31	1 54
T 13	10 26	2s41	0 24	16 4	2 8	4 57	0n 3	21 40	1 45	22 36	0 32	0 35	2 17	17 37	0 14	12 8	0 47	23 46	1 10	4 5	4 45	18 25	4 33	1 53
F 14	10 4	6 49	0n49	15 29	2 8	5 28	0 7	21 47	1 45	22 37	0 32	0 37	2 17	17 38	0 14	12 9	0 47	23 46	1 10	4 5	4 44	18 25	4 34	1 53
S 15	9 42	10 39	2 1	14 53	2 7	5 59	0 11	21 54	1 45	22 37	0 32	0 40	2 17	17 38	0 14	12 9	0 47	23 47	1 10	4 5	4 43	18 25	4 35	1 53
S 16	9 20	13 56	3 6	14 15	2 7	6 30	0 15	22 0	1 44	22 38	0 32	0 43	2 17	17 39	0 14	12 10	0 47	23 47	1 10	4 6	4 42	18 25	4 36	1 53
M17	8 58	16 26	4 1	13 36	2 5	7 0	0 19	22 7	1 44	22 38	0 32	0 46	2 17	17 39	0 14	12 11	0 47	23 47	1 10	4 6	4 40	18 26	4 37	1 53
T 18	8 35	17 59	4 42	12 56	2 3	7 31	0 22	22 13	1 44	22 39	0 32	0 49	2 17	17 39	0 14	12 11	0 47	23 47	1 10	4 6	4 39	18 26	4 38	1 53
W19	8 13	18 24	5 7	12 14	2 1	8 1	0 26	22 19	1 44	22 39	0 32	0 52	2 16	17 40	0 14	12 12	0 47	23 47	1 10	4 6	4 38	18 26	4 40	1 53
T 20	7 50	17 39	5 12	11 31	1 58	8 32	0 30	22 26	1 44	22 40	0 32	0 54	2 16	17 40	0 14	12 12	0 47	23 47	1 10	4 5	4 37	18 26	4 41	1 53
F 21	7 27	15 47	4 58	10 46	1 55	9 2	0 34	22 32	1 44	22 40	0 32	0 57	2 16	17 41	0 14	12 13	0 47	23 47	1 10	4 3	4 35	18 26	4 42	

SWISS EPHEMERIS for the year 1438

MARCH 1438 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
S 1	11 8 28	18 ^h 59 ^m 49 ^s	15 ^h 08 ^m 11 ^s	22 ^h 28 ^m 28 ^s	1 ^h 08 ^m 00 ^s	7 ^h 11 ^m 19 ^s	21 ^h 27 ^m 57 ^s	8 ^h 09 ^m 36 ^s	20 ^h 08 ^m 40 ^s	29 ^h 05 ^m 52 ^s	15 ^h 01 ^m 14 ^s	10 ^h 05 ^m 00 ^s	11 ^h 05 ^m 09 ^s	23 ^h 11 ^m 08 ^s	7 ^h 09 ^m 57 ^s									
S 2	11 12 24	19 ^h 59 ^m 28 ^s	27 ^h 01 ^m 19 ^s	24 ^h 28 ^m 28 ^s	2 ^h 08 ^m 00 ^s	7 ^h 52 ^m 00 ^s	22 ^h 03 ^m 00 ^s	8 ^h 44 ^m 00 ^s	20 ^h 42 ^m 00 ^s	29 ^h 05 ^m 51 ^s	15 ^h 05 ^m 13 ^s	10 ^h 02 ^m 00 ^s	11 ^h 05 ^m 05 ^s	23 ^h 14 ^m 00 ^s	8 ^h 01 ^m 00 ^s									
M 3	11 16 21	20 ^h 59 ^m 05 ^s	9 ^h 11 ^m 17 ^s	26 ^h 28 ^m 28 ^s	3 ^h 17 ^m 00 ^s	8 ^h 24 ^m 00 ^s	22 ^h 08 ^m 00 ^s	8 ^h 51 ^m 00 ^s	20 ^h 44 ^m 00 ^s	29 ^h 04 ^m 49 ^s	15 ^h 13 ^m 00 ^s	10 ^h 03 ^m 00 ^s	11 ^h 02 ^m 00 ^s	23 ^h 21 ^m 00 ^s	8 ^h 04 ^m 00 ^s									
T 4	11 20 17	21 ^h 58 ^m 39 ^s	21 ^h 01 ^m 10 ^s	28 ^h 29 ^m 42 ^s	4 ^h 25 ^m 00 ^s	8 ^h 57 ^m 00 ^s	22 ^h 13 ^m 00 ^s	8 ^h 59 ^m 00 ^s	20 ^h 47 ^m 00 ^s	29 ^h 04 ^m 27 ^s	15 ^h 12 ^m 00 ^s	10 ^h 04 ^m 00 ^s	10 ^h 59 ^m 00 ^s	23 ^h 28 ^m 00 ^s	8 ^h 08 ^m 00 ^s									
W 5	11 24 14	22 ^h 58 ^m 12 ^s	3 ^h 03 ^m 03 ^s	0 ^h 09 ^m 29 ^s	5 ^h 33 ^m 00 ^s	9 ^h 30 ^m 00 ^s	22 ^h 18 ^m 00 ^s	9 ^h 06 ^m 00 ^s	20 ^h 49 ^m 00 ^s	29 ^h 04 ^m 06 ^s	15 ^h 12 ^m 00 ^s	10 ^h 03 ^m 00 ^s	10 ^h 56 ^m 00 ^s	23 ^h 35 ^m 00 ^s	8 ^h 11 ^m 00 ^s									
T 6	11 28 10	23 ^h 57 ^m 42 ^s	15 ^h 00 ^m 00 ^s	2 ^h 29 ^m 00 ^s	6 ^h 41 ^m 00 ^s	10 ^h 02 ^m 00 ^s	22 ^h 23 ^m 00 ^s	9 ^h 13 ^m 00 ^s	20 ^h 51 ^m 00 ^s	29 ^h 04 ^m 05 ^s	15 ^h 12 ^m 00 ^s	10 ^h 02 ^m 00 ^s	10 ^h 53 ^m 00 ^s	23 ^h 41 ^m 00 ^s	8 ^h 15 ^m 00 ^s									
F 7	11 32 7	24 ^h 57 ^m 10 ^s	27 ^h 06 ^m 00 ^s	4 ^h 29 ^m 00 ^s	7 ^h 49 ^m 00 ^s	10 ^h 35 ^m 00 ^s	22 ^h 28 ^m 00 ^s	9 ^h 21 ^m 00 ^s	20 ^h 53 ^m 00 ^s	29 ^h 04 ^m 03 ^s	15 ^h 11 ^m 00 ^s	10 ^h 00 ^m 00 ^s	10 ^h 50 ^m 00 ^s	23 ^h 48 ^m 00 ^s	8 ^h 19 ^m 00 ^s									
S 8	11 36 3	25 ^h 56 ^m 35 ^s	9 ^h 02 ^m 24 ^s	6 ^h 27 ^m 00 ^s	8 ^h 57 ^m 00 ^s	11 ^h 08 ^m 00 ^s	22 ^h 33 ^m 00 ^s	9 ^h 28 ^m 00 ^s	20 ^h 56 ^m 00 ^s	29 ^h 04 ^m 02 ^s	15 ^h 11 ^m 00 ^s	9 ^h 58 ^m 00 ^s	10 ^h 46 ^m 00 ^s	23 ^h 55 ^m 00 ^s	8 ^h 22 ^m 00 ^s									
S 9	11 40 0	26 ^h 55 ^m 58 ^s	21 ^h 58 ^m 00 ^s	8 ^h 24 ^m 00 ^s	10 ^h 04 ^m 00 ^s	11 ^h 41 ^m 00 ^s	22 ^h 37 ^m 00 ^s	9 ^h 36 ^m 00 ^s	20 ^h 58 ^m 00 ^s	29 ^h 04 ^m 00 ^s	15 ^h 11 ^m 00 ^s	9 ^h 56 ^m 00 ^s	10 ^h 43 ^m 00 ^s	24 ^h 01 ^m 00 ^s	8 ^h 26 ^m 00 ^s									
M10	11 43 56	27 ^h 55 ^m 19 ^s	4 ^h 07 ^m 50 ^s	10 ^h 20 ^m 00 ^s	11 ^h 12 ^m 00 ^s	12 ^h 15 ^m 00 ^s	22 ^h 41 ^m 00 ^s	9 ^h 43 ^m 00 ^s	21 ^h 00 ^m 00 ^s	29 ^h 03 ^m 00 ^s	15 ^h 10 ^m 00 ^s	9 ^h 55 ^m 00 ^s	10 ^h 40 ^m 00 ^s	24 ^h 08 ^m 00 ^s	8 ^h 30 ^m 00 ^s									
T 11	11 47 53	28 ^h 54 ^m 38 ^s	17 ^h 59 ^m 00 ^s	12 ^h 14 ^m 00 ^s	12 ^h 19 ^m 00 ^s	12 ^h 48 ^m 00 ^s	22 ^h 45 ^m 00 ^s	9 ^h 51 ^m 00 ^s	21 ^h 03 ^m 00 ^s	29 ^h 03 ^m 00 ^s	15 ^h 10 ^m 00 ^s	9 ^h 53 ^m 00 ^s	10 ^h 37 ^m 00 ^s	24 ^h 15 ^m 00 ^s	8 ^h 33 ^m 00 ^s									
W12	11 51 50	29 ^h 53 ^m 54 ^s	1 ^h 02 ^m 27 ^s	14 ^h 05 ^m 00 ^s	13 ^h 26 ^m 00 ^s	13 ^h 21 ^m 00 ^s	22 ^h 49 ^m 00 ^s	9 ^h 58 ^m 00 ^s	21 ^h 05 ^m 00 ^s	29 ^h 03 ^m 00 ^s	15 ^h 10 ^m 00 ^s	9 ^h 53 ^m 00 ^s	10 ^h 34 ^m 00 ^s	24 ^h 22 ^m 00 ^s	8 ^h 37 ^m 00 ^s									
T 13	11 55 46	0 ^h 09 ^m 53 ^s 09 ^s	15 ^h 10 ^m 00 ^s	15 ^h 53 ^m 00 ^s	14 ^h 32 ^m 00 ^s	13 ^h 54 ^m 00 ^s	22 ^h 52 ^m 00 ^s	10 ^h 06 ^m 00 ^s	21 ^h 08 ^m 00 ^s	29 ^h 03 ^m 00 ^s	15 ^h 10 ^m 00 ^s	9 ^h 53 ^m 00 ^s	10 ^h 30 ^m 00 ^s	24 ^h 28 ^m 00 ^s	8 ^h 41 ^m 00 ^s									
F 14	11 59 43	1 ^h 52 ^m 21 ^s	29 ^h 07 ^m 00 ^s	17 ^h 37 ^m 00 ^s	15 ^h 39 ^m 00 ^s	14 ^h 28 ^m 00 ^s	22 ^h 56 ^m 00 ^s	10 ^h 14 ^m 00 ^s	21 ^h 10 ^m 00 ^s	29 ^h 03 ^m 00 ^s	15 ^h 10 ^m 00 ^s	9 ^h 53 ^m 00 ^s	10 ^h 27 ^m 00 ^s	24 ^h 35 ^m 00 ^s	8 ^h 44 ^m 00 ^s									
S 15	12 3 39	2 ^h 51 ^m 32 ^s	13 ^h 01 ^m 13 ^s	19 ^h 19 ^m 00 ^s	16 ^h 45 ^m 00 ^s	15 ^h 01 ^m 00 ^s	22 ^h 59 ^m 00 ^s	10 ^h 21 ^m 00 ^s	21 ^h 13 ^m 00 ^s	29 ^h 03 ^m 00 ^s	15 ^h 09 ^m 00 ^s	9 ^h 54 ^m 00 ^s	10 ^h 24 ^m 00 ^s	24 ^h 42 ^m 00 ^s	8 ^h 48 ^m 00 ^s									
S 16	12 7 36	3 ^h 50 ^m 40 ^s	27 ^h 27 ^m 00 ^s	20 ^h 56 ^m 00 ^s	17 ^h 51 ^m 00 ^s	15 ^h 35 ^m 00 ^s	23 ^h 02 ^m 00 ^s	10 ^h 29 ^m 00 ^s	21 ^h 15 ^m 00 ^s	29 ^h 03 ^m 00 ^s	15 ^h 09 ^m 00 ^s	9 ^h 54 ^m 00 ^s	10 ^h 21 ^m 00 ^s	24 ^h 48 ^m 00 ^s	8 ^h 52 ^m 00 ^s									
M17	12 11 32	4 ^h 49 ^m 47 ^s	11 ^h 27 ^m 43 ^s	22 ^h 28 ^m 00 ^s	18 ^h 57 ^m 00 ^s	16 ^h 08 ^m 00 ^s	23 ^h 05 ^m 00 ^s	10 ^h 36 ^m 00 ^s	21 ^h 18 ^m 00 ^s	29 ^h 02 ^m 00 ^s	15 ^h 09 ^m 00 ^s	9 ^h 55 ^m 00 ^s	10 ^h 18 ^m 00 ^s	24 ^h 55 ^m 00 ^s	8 ^h 55 ^m 00 ^s									
T 18	12 15 29	5 ^h 48 ^m 53 ^s	25 ^h 59 ^m 00 ^s	23 ^h 56 ^m 00 ^s	20 ^h 02 ^m 00 ^s	16 ^h 42 ^m 00 ^s	23 ^h 08 ^m 00 ^s	10 ^h 44 ^m 00 ^s	21 ^h 21 ^m 00 ^s	29 ^h 02 ^m 00 ^s	15 ^h 09 ^m 00 ^s	9 ^h 55 ^m 00 ^s	10 ^h 15 ^m 00 ^s	25 ^h 02 ^m 00 ^s	8 ^h 59 ^m 00 ^s									
W19	12 19 25	6 ^h 47 ^m 56 ^s	10 ^h 03 ^m 12 ^s	25 ^h 19 ^m 00 ^s	21 ^h 08 ^m 00 ^s	17 ^h 16 ^m 00 ^s	23 ^h 11 ^m 00 ^s	10 ^h 52 ^m 00 ^s	21 ^h 23 ^m 00 ^s	29 ^h 02 ^m 00 ^s	15 ^h 09 ^m 00 ^s	9 ^h 55 ^m 00 ^s	10 ^h 11 ^m 00 ^s	25 ^h 09 ^m 00 ^s	9 ^h 03 ^m 00 ^s									
T 20	12 23 22	7 ^h 46 ^m 58 ^s	24 ^h 20 ^m 00 ^s	26 ^h 37 ^m 00 ^s	22 ^h 13 ^m 00 ^s	17 ^h 50 ^m 00 ^s	23 ^h 13 ^m 00 ^s	10 ^h 59 ^m 00 ^s	21 ^h 26 ^m 00 ^s	29 ^h 02 ^m 00 ^s	15 ^h 09 ^m 00 ^s	9 ^h 55 ^m 00 ^s	10 ^h 08 ^m 00 ^s	25 ^h 15 ^m 00 ^s	9 ^h 06 ^m 00 ^s									
F 21	12 27 19	8 ^h 45 ^m 58 ^s	8 ^h 20 ^m 00 ^s	27 ^h 49 ^m 00 ^s	23 ^h 18 ^m 00 ^s	18 ^h 23 ^m 00 ^s	23 ^h 15 ^m 00 ^s	11 ^h 07 ^m 00 ^s	21 ^h 29 ^m 00 ^s	29 ^h 02 ^m 00 ^s	15 ^h 09 ^m 00 ^s	9 ^h 55 ^m 00 ^s	10 ^h 05 ^m 00 ^s	25 ^h 22 ^m 00 ^s	9 ^h 10 ^m 00 ^s									
S 22	12 31 15	9 ^h 44 ^m 56 ^s	22 ^h 11 ^m 00 ^s	28 ^h 55 ^m 00 ^s	24 ^h 22 ^m 00 ^s	18 ^h 57 ^m 00 ^s	23 ^h 17 ^m 00 ^s	11 ^h 14 ^m 00 ^s	21 ^h 32 ^m 00 ^s	29 ^h 02 ^m 00 ^s	15 ^h 09 ^m 00 ^s	9 ^h 55 ^m 00 ^s	10 ^h 02 ^m 00 ^s	25 ^h 29 ^m 00 ^s	9 ^h 14 ^m 00 ^s									
S 23	12 35 12	10 ^h 43 ^m 52 ^s	5 ^h 25 ^m 52 ^s	29 ^h 55 ^m 00 ^s	25 ^h 26 ^m 00 ^s	19 ^h 31 ^m 00 ^s	23 ^h 19 ^m 00 ^s	11 ^h 22 ^m 00 ^s	21 ^h 34 ^m 00 ^s	29 ^h 02 ^m 00 ^s	15 ^h 09 ^m 00 ^s	9 ^h 55 ^m 00 ^s	9 ^h 59 ^m 00 ^s	25 ^h 35 ^m 00 ^s	9 ^h 17 ^m 00 ^s									
M24	12 39 8	11 ^h 42 ^m 46 ^s	19 ^h 19 ^m 00 ^s	0 ^h 26 ^m 30 ^s	26 ^h 30 ^m 00 ^s	20 ^h 05 ^m 00 ^s	23 ^h 21 ^m 00 ^s	11 ^h 30 ^m 00 ^s	21 ^h 37 ^m 00 ^s	29 ^h 02 ^m 00 ^s	15 ^h 09 ^m 00 ^s	9 ^h 55 ^m 00 ^s	9 ^h 56 ^m 00 ^s	25 ^h 42 ^m 00 ^s	9 ^h 21 ^m 00 ^s									
T 25	12 43 5	12 ^h 41 ^m 39 ^s	2 ^h 09 ^m 33 ^s	1 ^h 38 ^m 00 ^s	27 ^h 34 ^m 00 ^s	20 ^h 39 ^m 00 ^s	23 ^h 22 ^m 00 ^s	11 ^h 37 ^m 00 ^s																

SWISS EPHEMERIS for the year 1438

APRIL 1438 JC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	13 10 41	19°32'248	29°11' 3	4°R16	4°II52	24°II40	23°R27	12°V31	22°8 1	29°R12	15°E11	9°R51	9°E30	26°II36	9°V51
W 2	13 14 37	20°31'24	10°E56	4°B14	5°53	25°14	23°A27	12°38	22° 4	29°L11	15°11	9°E50	9°27	26°43	9°54
T 3	13 18 34	21°29'57	22°52	4° 6	6°54	25°49	23°27	12°46	22° 7	29°10	15°11	9°D50	9°24	26°49	9°58
F 4	13 22 30	22°28'28	4°L57	3°52	7°55	26°23	23°27	12°53	22°10	29° 9	15°12	9°50	9°21	26°56	10° 2
S 5	13 26 27	23°26'57	17°15	3°33	8°55	26°58	23°26	13° 1	22°13	29° 9	15°12	9°51	9°17	27° 3	10° 5
S 6	13 30 23	24°25'24	29°50	3°10	9°54	27°33	23°25	13° 8	22°17	29° 8	15°12	9°52	9°14	27°10	10° 9
M 7	13 34 20	25°23'49	12°M46	2°42	10°54	28° 7	23°24	13°16	22°20	29° 7	15°13	9°53	9°11	27°16	10°12
T 8	13 38 16	26°22'11	26° 4	2°11	11°53	28°42	23°23	13°23	22°23	29° 6	15°13	9°54	9° 8	27°23	10°16
W 9	13 42 13	27°20'32	9°E45	1°37	12°51	29°17	23°22	13°31	22°26	29° 6	15°14	9°R55	9° 5	27°30	10°20
T 10	13 46 10	28°18'50	23°49	1° 0	13°49	29°52	23°20	13°38	22°30	29° 5	15°14	9°54	9° 2	27°36	10°23
F 11	13 50 6	29°17'07	8°L11	0°22	14°46	0°E27	23°19	13°46	22°33	29° 4	15°15	9°53	8°58	27°43	10°27
S 12	13 54 3	0°B15'22	22°46	29°V42	15°44	1° 1	23°17	13°53	22°36	29° 4	15°15	9°51	8°55	27°50	10°30
S 13	13 57 59	1°13'35	7°A27	29° 3	16°40	1°36	23°15	14° 1	22°39	29° 3	15°16	9°48	8°52	27°57	10°34
M14	14 1 56	2°11'47	22° 8	28°24	17°36	2°11	23°13	14° 8	22°43	29° 2	15°17	9°45	8°49	28° 3	10°37
T 15	14 5 52	3° 9'57	6°B43	27°46	18°31	2°46	23°10	14°15	22°46	29° 2	15°17	9°43	8°46	28°10	10°41
W16	14 9 49	4° 8'06	21° 5	27°10	19°26	3°21	23° 7	14°23	22°49	29° 1	15°18	9°41	8°42	28°17	10°44
T 17	14 13 45	5° 6'14	5°A13	26°36	20°21	3°57	23° 5	14°30	22°53	29° 1	15°18	9°D41	8°39	28°23	10°48
F 18	14 17 42	6° 4'20	19° 4	26° 5	21°15	4°32	23° 2	14°37	22°56	29° 0	15°19	9°41	8°36	28°30	10°51
S 19	14 21 39	7° 2'24	2°H39	25°38	22° 8	5° 7	22°59	14°45	23° 0	29° 0	15°20	9°42	8°33	28°37	10°55
S 20	14 25 35	8° 0'27	15°58	25°14	23° 0	5°42	22°55	14°52	23° 3	29° 0	15°21	9°44	8°30	28°44	10°58
M21	14 29 32	8°58'29	29° 2	24°54	23°52	6°17	22°52	14°59	23° 6	28°59	15°21	9°45	8°27	28°50	11° 1
T 22	14 33 28	9°56'29	11°V53	24°39	24°43	6°53	22°48	15° 6	23°10	28°59	15°22	9°R46	8°23	28°57	11° 5
W23	14 37 25	10°54'28	24°32	24°28	25°34	7°28	22°44	15°13	23°13	28°59	15°23	9°45	8°20	29° 4	11° 8
T 24	14 41 21	11°52'25	6°B59	24°21	26°24	8° 3	22°40	15°21	23°17	28°58	15°24	9°42	8°17	29°11	11°11
F 25	14 45 18	12°50'20	19°17	24°D19	27°13	8°39	22°36	15°28	23°20	28°58	15°25	9°38	8°14	29°17	11°15
S 26	14 49 14	13°48'15	1°II26	24°22	28° 1	9°14	22°32	15°35	23°24	28°58	15°25	9°33	8°11	29°24	11°18
S 27	14 53 11	14°46'07	13°27	24°29	28°49	9°49	22°27	15°42	23°27	28°58	15°26	9°26	8° 7	29°31	11°21
M28	14 57 8	15°43'58	25°23	24°41	29°35	10°25	22°22	15°49	23°31	28°58	15°27	9°20	8° 4	29°37	11°24
T 29	15 1 4	16°41'47	7°E15	24°58	0°E21	11° 0	22°18	15°56	23°34	28°58	15°28	9°14	8° 1	29°44	11°27
W30	15 5 1	17°39'35	19°E 7	25°V19	1°E 6	11°E36	22°A13	16°V 3	23°B38	28°L57	15°E29	9°E 9	7°E58	29°II51	11°V31

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
T 1	7n40	18n19	5s11	15n49	3n 1	24n11	3n 4	25n 2	1n38	22s49	0n32	2n53	2s15	18n 7	0s13	12n31	0n47	23n50	1n12	3s55	3s47	18n27	5n35	1n49				
W 2	8 2	17 48	5 16	15 44	2 56	24 25	3 7	25 3	1 37	22 49	0 32	2 56	2 15	18 7	0 13	12 32	0 47	23 50	1 12	3 54	3 45	18 27	5 36	1 49				
T 3	8 24	16 30	5 8	15 36	2 51	24 39	3 10	25 4	1 37	22 49	0 32	2 59	2 15	18 8	0 13	12 32	0 47	23 50	1 12	3 54	3 44	18 27	5 38	1 49				
F 4	8 46	14 27	4 47	15 24	2 43	24 52	3 13	25 5	1 37	22 49	0 32	3 2	2 15	18 9	0 13	12 32	0 47	23 50	1 12	3 54	3 43	18 27	5 39	1 49				
S 5	9 8	11 43	4 12	15 10	2 35	25 4	3 15	25 5	1 37	22 49	0 32	3 5	2 15	18 10	0 13	12 33	0 47	23 50	1 12	3 55	3 42	18 27	5 41	1 49				
S 6	9 30	8 23	3 24	14 52	2 25	25 16	3 18	25 6	1 37	22 49	0 32	3 8	2 15	18 11	0 13	12 33	0 47	23 50	1 12	3 55	3 40	18 27	5 42	1 49				
M 7	9 51	4 34	2 25	14 32	2 14	25 27	3 20	25 6	1 36	22 49	0 32	3 10	2 15	18 12	0 13	12 33	0 47	23 50	1 12	3 56	3 39	18 27	5 43	1 49				
T 8	10 12	0 25	1 16	14 10	2 1	25 38	3 23	25 6	1 36	22 49	0 32	3 13	2 15	18 12	0 13	12 33	0 47	23 50	1 12	3 56	3 38	18 27	5 45	1 49				
W 9	10 33	3s53	0 1	13 45	1 47	25 48	3 25	25 6	1 36	22 49	0 32	3 16	2 15	18 13	0 13	12 34	0 47	23 50	1 12	3 56	3 37	18 27	5 46	1 49				
T 10	10 54	8 5	1n16	13 18	1 33	25 57	3 27	25 6	1 36	22 49	0 32	3 19	2 16	18 14	0 13	12 34	0 47	23 50	1 12	3 56	3 35	18 27	5 47	1 49				
F 11	11 15	11 55	2 30	12 50	1 17	26 6	3 29	25 6	1 35	22 49	0 32	3 22	2 16	18 15	0 13	12 34	0 47	23 50	1 12	3 56	3 34	18 27	5 49	1 49				
S 12	11 36	15 3	3 35	12 21	1 1	26 15	3 31	25 5	1 35	22 49	0 32	3 25	2 16	18 16	0 13	12 34	0 47	23 49	1 12	3 55	3 33	18 27	5 50	1 49				
S 13	11 56	17 15	4 26	11 52	0 45	26 23	3 33	25 5	1 35	22 49	0 32	3 27	2 16	18 17	0 13	12 35	0 47	23 49	1 12	3 54	3 31	18 26	5 51	1 49				
M14	12 16	18 17	5 0	11 22	0 28	26 30	3 35	25 4	1 35	22 48	0 32	3 30	2 16	18 17	0 13	12 35	0 47	23 49	1 12	3 52	3 30	18 26	5 53	1 49				
T 15	12 36	18 7	5 14	10 52	0 11	26 36	3 37	25 3	1 34	22 48	0 32	3 33	2 16	18 18	0 13	12 35	0 47	23 49	1 12	3 51	3 29	18 26	5 54	1 49				
W16	12 56	16 46	5 8	10 23	0s 7	26 43	3 38	25 2	1 34	22 48	0 32	3 36	2 16	18 19	0 13	12 35	0 47	23 49	1 12	3 51	3 28	18 26	5 56	1 49				
T 17	13 16	14 26	4 44	9 55	0 24	26 48	3 39	25 1	1 34	22 48	0 32	3 39	2 16	18 20	0 13	12 35	0 47	23 49	1 12	3 51	3 26	18 26	5 57	1 49				
F 18	13 35	11 18	4 3	9 29	0 40	26 53	3 40	24 59	1 34	22 48	0 32	3 41	2 16	18 21	0 13	12 35	0 47	23 49	1 12	3 51	3 25	18 26	5 58	1 48				
S 19	13 54	7 37	3 10	9 3	0 57	26 57	3 41	24 58	1 33	22 48	0 31	3 44	2 16	18 22	0 13	12 35	0 47	23 49	1 12	3 51	3 24	18 26	5 59	1 48				
S 20	14 13	3 36	2 7	8 40	1 12	27 1	3 42	24 56	1 33	22 48	0 31	3 47	2 16	18 23	0 13	12 36	0 47	23 49	1 12	3 52	3 23	18 26	6 1	1 48				
M21	14 32	0n30	0 58	8 19	1 27	27 5	3 43	24 54	1 33	22 48	0 31	3 49	2 16	18 24	0 13	12 36	0 47	23 49	1 12	3 52	3 21	18 26	6 2	1 48				
T 22	14 50	4 32	0s12	8 0	1 42	27 7	3 43	24 52	1 32	22 48	0 31	3 52	2 16	18 24	0 13	12 36	0 47	23 49	1 12	3 53	3 20	18 26	6 3	1 48				
W23	15 9	8 18	1 20	7 43	1 55	27 10	3 44	24 50	1 32	22 47	0 31	3 55	2 17	18 25	0 13	12 36	0 47	23 49	1 12	3 52	3 19	18 26	6 5	1 48				
T 24	15 27	11 38	2 23	7 29	2 8	27 11	3 44	24 48	1 32	22 47	0 31	3 57	2 17	18 26	0 13	12 36	0 47	23 49	1 12	3 51	3 18	18 26	6 6	1 48				
F 25	15 44	14 24	3 19	7 17	2 20	27 13	3 44	24 45	1 32	22 47	0 31	4 0	2 17	18 27	0 13	12 36	0 47	23 49	1 12	3 50	3 16	18 25	6 7	1 48				
S 26	16 2	16 31	4 5	7 8	2 30	27 13	3 44	24 42	1 31	22 47	0 31	4 3	2 17	18 28	0 13	12 36	0 47	23 49	1 12	3 47	3 15	18 25	6 8	1 48				
S 27	16 19	17 52	4 39	7 2	2 40	27 14	3 43	24 40	1 31	22 47	0 31	4 5	2 17	18 29	0 13	12 36	0 47	23 49	1 12	3 45	3 14	18 25	6 10	1 48				
M28	16 36	18 25	5 1	6 58	2 49	27 13	3 43	24 37	1 31	22 46	0 31	4 8	2 17	18 30	0 13	12 36	0 47	23 49	1 12	3 42	3 13	18 25	6 11	1 48				
T 29	16 53	18 9	5 10	6 57	2 57	27 13																						

SWISS EPHEMERIS for the year 1438

MAY 1438 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	15 8 57	18♂37'21	1♂ 2	25♂44	1♂50	12♂12	22°R 8	16♂ 9	23♂41	28°R57	15♂30	9°R 6	7♂55	29♂58	11♂34	
F 2	15 12 54	19°35'05	13° 5	26°14	2°33	12°47	22♂ 2	16°16	23°45	28°D57	15°31	9♂ 4	7°52	0♂ 4	11°37	
S 3	15 16 50	20°32'48	25°20	26°47	3°15	13°23	21°57	16°23	23°48	28♂57	15°32	9°D 4	7°48	0°11	11°40	
S 4	15 20 47	21°30'29	7♂52	27°25	3°56	13°59	21°51	16°30	23°52	28°58	15°33	9° 5	7°45	0°18	11°43	
M 5	15 24 43	22°28'08	20°45	28° 6	4°36	14°34	21°46	16°36	23°55	28°58	15°34	9° 6	7°42	0°24	11°46	
T 6	15 28 40	23°25'46	4♂ 3	28°51	5°15	15°10	21°40	16°43	23°59	28°58	15°35	9°R 7	7°39	0°31	11°49	
W 7	15 32 37	24°23'22	17°48	29°40	5°52	15°46	21°34	16°50	24° 2	28°58	15°36	9° 7	7°36	0°38	11°52	
T 8	15 36 33	25°20'57	2♂ 1	0♂32	6°29	16°21	21°28	16°56	24° 6	28°58	15°37	9° 5	7°33	0°45	11°55	
F 9	15 40 30	26°18'31	16°37	1°28	7° 4	16°57	21°22	17° 3	24° 9	28°58	15°38	9° 1	7°29	0°51	11°58	
S 10	15 44 26	27°16'03	1♂32	2°26	7°37	17°33	21°16	17° 9	24°13	28°59	15°40	8°55	7°26	0°58	12° 0	
S 11	15 48 23	28°13'34	16°37	3°29	8°10	18° 9	21° 9	17°16	24°16	28°59	15°41	8°48	7°23	1° 5	12° 3	
M12	15 52 19	29°11'05	1♂43	4°34	8°41	18°45	21° 3	17°22	24°20	28°59	15°42	8°41	7°20	1°12	12° 6	
T 13	15 56 16	0♂ 8'34	16°39	5°42	9°10	19°21	20°56	17°28	24°23	29° 0	15°43	8°34	7°17	1°18	12° 9	
W14	16 0 12	1° 6'02	1♂17	6°53	9°38	19°57	20°49	17°35	24°27	29° 0	15°44	8°29	7°13	1°25	12°12	
T 15	16 4 9	2° 3'30	15°35	8° 8	10° 4	20°33	20°43	17°41	24°30	29° 0	15°45	8°26	7°10	1°32	12°14	
F 16	16 8 6	3° 0'57	29°28	9°25	10°29	21° 9	20°36	17°47	24°34	29° 1	15°47	8°D24	7° 7	1°38	12°17	
S 17	16 12 2	3°58'23	12♂57	10°45	10°52	21°45	20°29	17°53	24°37	29° 1	15°48	8°25	7° 4	1°45	12°19	
S 18	16 15 59	4°55'48	26° 6	12° 7	11°13	22°21	20°22	17°59	24°41	29° 2	15°49	8°26	7° 1	1°52	12°22	
M19	16 19 55	5°53'13	8♂56	13°33	11°33	22°57	20°14	18° 5	24°44	29° 2	15°50	8°R26	6°58	1°59	12°25	
T 20	16 23 52	6°50'37	21°31	15° 1	11°50	23°33	20° 7	18°11	24°47	29° 3	15°52	8°25	6°54	2° 5	12°27	
W21	16 27 48	7°48'01	3♂53	16°32	12° 6	24° 9	20° 0	18°17	24°51	29° 4	15°53	8°22	6°51	2°12	12°29	
T 22	16 31 45	8°45'23	16° 7	18° 6	12°20	24°45	19°53	18°23	24°54	29° 4	15°54	8°17	6°48	2°19	12°32	
F 23	16 35 41	9°42'45	28°13	19°42	12°31	25°21	19°45	18°28	24°58	29° 5	15°56	8° 9	6°45	2°25	12°34	
S 24	16 39 38	10°40'07	10♂13	21°21	12°41	25°57	19°38	18°34	25° 1	29° 6	15°57	7°58	6°42	2°32	12°37	
S 25	16 43 35	11°37'27	22° 9	23° 3	12°48	26°34	19°30	18°40	25° 5	29° 6	15°58	7°47	6°39	2°39	12°39	
M26	16 47 31	12°34'47	4♂ 1	24°47	12°53	27°10	19°23	18°45	25° 8	29° 7	16° 0	7°35	6°35	2°46	12°41	
T 27	16 51 28	13°32'06	15°53	26°34	12°56	27°46	19°15	18°51	25°11	29° 8	16° 1	7°23	6°32	2°52	12°43	
W28	16 55 24	14°29'24	27°45	28°24	12°R57	28°22	19° 8	18°56	25°15	29° 9	16° 3	7°14	6°29	2°59	12°45	
T 29	16 59 21	15°26'42	9♂41	0♂16	12°55	28°59	19° 0	19° 2	25°18	29°10	16° 4	7° 6	6°26	3° 6	12°48	
F 30	17 3 17	16°23'58	21°43	2°11	12°51	29°35	18°52	19° 7	25°21	29°11	16° 5	7° 1	6°23	3°13	12°50	
S 31	17 7 14	17♂21'14	3♂56	4♂ 8	12♂45	0♂12	18♂45	19♂12	25♂25	29♂11	16♂ 7	6♂58	6♂19	3♂19	12♂52	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	17n25	15n18	4s48	7n 1	3s10	27n10	3n40	24n27	1n30	22s46	0n31	4n15	2s17	18n32	0s13	12n36
F 2	17 41	12 49	4 18	7 7	3 15	27 7	3 38	24 23	1 30	22 46	0 31	4 18	2 18	18 33	0 13	12 36
S 3	17 56	9 44	3 35	7 15	3 19	27 5	3 37	24 19	1 29	22 45	0 31	4 20	2 18	18 34	0 13	12 36
S 4	18 12	6 9	2 41	7 26	3 23	27 2	3 35	24 15	1 29	22 45	0 31	4 23	2 18	18 35	0 13	12 36
M 5	18 27	2 11	1 38	7 38	3 25	26 58	3 33	24 11	1 29	22 45	0 31	4 25	2 18	18 36	0 13	12 36
T 6	18 41	2s 2	0 27	7 53	3 27	26 54	3 30	24 7	1 29	22 44	0 30	4 28	2 18	18 37	0 13	12 36
W 7	18 55	6 17	0n47	8 9	3 27	26 50	3 28	24 2	1 28	22 44	0 30	4 30	2 18	18 38	0 13	12 36
T 8	19 9	10 19	2 0	8 27	3 27	26 45	3 25	23 58	1 28	22 44	0 30	4 33	2 18	18 38	0 13	12 36
F 9	19 23	13 51	3 8	8 47	3 27	26 40	3 21	23 53	1 28	22 43	0 30	4 35	2 19	18 39	0 13	12 36
S 10	19 36	16 32	4 4	9 9	3 25	26 35	3 18	23 48	1 27	22 43	0 30	4 37	2 19	18 40	0 13	12 36
S 11	19 49	18 7	4 44	9 32	3 23	26 29	3 14	23 43	1 27	22 43	0 30	4 40	2 19	18 41	0 13	12 36
M12	20 2	18 25	5 5	9 56	3 20	26 23	3 10	23 38	1 27	22 42	0 30	4 42	2 19	18 42	0 13	12 35
T 13	20 14	17 27	5 4	10 22	3 16	26 17	3 6	23 32	1 26	22 42	0 30	4 44	2 19	18 43	0 13	12 35
W14	20 26	15 20	4 43	10 50	3 12	26 10	3 1	23 27	1 26	22 42	0 30	4 46	2 19	18 44	0 13	12 35
T 15	20 38	12 19	4 5	11 18	3 7	26 3	2 56	23 21	1 26	22 41	0 30	4 49	2 20	18 45	0 13	12 35
F 16	20 49	8 40	3 13	11 48	3 2	25 56	2 51	23 15	1 26	22 41	0 30	4 51	2 20	18 45	0 13	12 35
S 17	21 0	4 41	2 12	12 19	2 56	25 48	2 45	23 9	1 25	22 41	0 29	4 53	2 20	18 46	0 13	12 35
S 18	21 11	0 33	1 6	12 50	2 49	25 40	2 39	23 3	1 25	22 40	0 29	4 55	2 20	18 47	0 13	12 34
M19	21 21	3n31	0s 3	13 23	2 42	25 32	2 32	22 57	1 25	22 40	0 29	4 57	2 20	18 48	0 13	12 34
T 20	21 31	7 20	1 9	13 56	2 34	25 24	2 25	22 50	1 24	22 39	0 29	4 59	2 20	18 49	0 13	12 34
W21	21 40	10 47	2 12	14 30	2 26	25 15	2 18	22 43	1 24	22 39	0 29	5 1	2 21	18 50	0 13	12 34
T 22	21 50	13 43	3 7	15 5	2 17	25 6	2 11	22 37	1 24	22 38	0 29	5 3	2 21	18 50	0 13	12 34
F 23	21 58	16 2	3 53	15 39	2 8	24 57	2 3	22 30	1 23	22 38	0 29	5 5	2 21	18 51	0 13	12 33
S 24	22 7	17 37	4 28	16 15	1 59	24 48	1 54	22 23	1 23	22 38	0 29	5 7	2 21	18 52	0 13	12 33
S 25	22 15	18 26	4 51	16 50	1 49	24 38	1 45	22 15	1 23	22 37	0 29	5 9	2 21	18 53	0 13	12 33
M26	22 22	18 25	5 2	17 26	1 39	24 29	1 36	22 8	1 22	22 37	0 28	5 11	2 22	18 54	0 13	12 32
T 27	22 29	17 37	4 59	18 1	1 28	24 19	1 27	22 1	1 22	22 36	0 28	5 13	2 22	18 55	0 13	12 32
W28	22 36	16 2	4 44	18 36	1 17	24 9	1 17	21 53	1 22	22 36	0 28	5 15	2 22	18 55	0 13	12 32
T 29	22 43	13 46	4 16	19 11	1 6	23 59	1 6	21 45	1 21	22 35	0 28	5 17	2 22	18 56	0 13	12 32
F 30	22 49	10 54	3 36	19 45	0 55	23 48	0 55	21 37	1 21	22 35	0 28	5 19	2 22	18 57	0 13	12 31
S 31	22n54	7n31	2s46	20n19	0s44	23n38	0n44	21n29	1n21	22s34	0n28	5n20	2s23	18n58	0s13	12n31

Julian Day Number = 2246407.5, Delta T = 269.15 sec

Ecliptic obliquity = 23°30'35", Nutation = 0°00'01"

Ayanamsha: Fagan/Bradley = 16°54'17", Lahiri = 16°01'17" Julian Calendar 1 May 1438 == Greg. Calendar 10 May 1438

SWISS EPHEMERIS for the year 1438

JUNE 1438 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	17 11 10	18II18'28	16II25	6II 7	12°R36	0Ω48	18°R37	19°V17	25°R28	29°Ω12	16°Ω 8	6°D57	6Ω16	3Ω26	12°V54	
M 2	17 15 7	19°15'42	29°14	8° 8	12°Ω25	1°24	18°R29	19°22	25°31	29°13	16°10	6Ω58	6°13	3°33	12°55	
T 3	17 19 4	20°12'56	12Ω26	10°11	12°11	2° 1	18°22	19°27	25°35	29°14	16°11	6°R58	6°10	3°39	12°57	
W 4	17 23 0	21°10'08	26° 7	12°17	11°55	2°37	18°14	19°32	25°38	29°15	16°13	6°56	6° 7	3°46	12°59	
T 5	17 26 57	22° 7'20	10III17	14°23	11°36	3°14	18° 6	19°37	25°41	29°16	16°14	6°53	6° 4	3°53	13° 1	
F 6	17 30 53	23° 4'32	24°55	16°31	11°16	3°50	17°59	19°42	25°44	29°18	16°16	6°47	6° 0	4° 0	13° 3	
S 7	17 34 50	24° 1'42	9°V56	18°41	10°53	4°27	17°51	19°46	25°47	29°19	16°17	6°39	5°57	4° 6	13° 4	
S 8	17 38 46	24°58'53	25°11	20°51	10°28	5° 4	17°44	19°51	25°51	29°20	16°19	6°29	5°54	4°13	13° 6	
M 9	17 42 43	25°56'03	10Ω30	23° 2	10° 0	5°40	17°36	19°56	25°54	29°21	16°20	6°19	5°51	4°20	13° 8	
T 10	17 46 39	26°53'13	25°42	25°13	9°31	6°17	17°29	20° 0	25°57	29°22	16°22	6° 9	5°48	4°27	13° 9	
W 11	17 50 36	27°50'23	10Ω36	27°24	9° 1	6°53	17°21	20° 4	26° 0	29°23	16°23	6° 1	5°45	4°33	13°11	
T 12	17 54 33	28°47'33	25° 5	29°35	8°28	7°30	17°14	20° 9	26° 3	29°25	16°25	5°56	5°41	4°40	13°12	
F 13	17 58 29	29°44'43	9°H 7	1Ω45	7°55	8° 7	17° 6	20°13	26° 6	29°26	16°26	5°53	5°38	4°47	13°14	
S 14	18 2 26	0Ω41'53	22°40	3°55	7°20	8°43	16°59	20°17	26° 9	29°27	16°28	5°51	5°35	4°53	13°15	
S 15	18 6 22	1°39'04	5°V48	6° 3	6°44	9°20	16°52	20°21	26°12	29°29	16°29	5°51	5°32	5° 0	13°16	
M 16	18 10 19	2°36'14	18°33	8°11	6° 7	9°57	16°45	20°25	26°15	29°30	16°31	5°51	5°29	5° 7	13°17	
T 17	18 14 15	3°33'25	1Ω 1	10°17	5°30	10°34	16°38	20°29	26°18	29°31	16°33	5°49	5°25	5°14	13°19	
W 18	18 18 12	4°30'36	13°15	12°22	4°53	11°11	16°31	20°33	26°21	29°33	16°34	5°46	5°22	5°20	13°20	
T 19	18 22 8	5°27'48	25°20	14°25	4°15	11°48	16°24	20°37	26°24	29°34	16°36	5°39	5°19	5°27	13°21	
F 20	18 26 5	6°24'59	7III18	16°27	3°38	12°24	16°17	20°40	26°27	29°36	16°37	5°29	5°16	5°34	13°22	
S 21	18 30 2	7°22'11	19°12	18°26	3° 1	13° 1	16°10	20°44	26°30	29°37	16°39	5°18	5°13	5°40	13°23	
S 22	18 33 58	8°19'23	1Ω 4	20°24	2°25	13°38	16° 3	20°47	26°33	29°39	16°41	5° 4	5°10	5°47	13°24	
M 23	18 37 55	9°16'36	12°56	22°21	1°50	14°15	15°57	20°51	26°35	29°40	16°42	4°50	5° 6	5°54	13°25	
T 24	18 41 51	10°13'48	24°49	24°15	1°16	14°52	15°51	20°54	26°38	29°42	16°44	4°37	5° 3	6° 1	13°26	
W 25	18 45 48	11°11'01	6Ω45	26° 7	0°43	15°29	15°44	20°57	26°41	29°44	16°45	4°25	5° 0	6° 7	13°26	
T 26	18 49 44	12° 8'14	18°44	27°58	0°11	16° 6	15°38	21° 0	26°44	29°45	16°47	4°16	4°57	6°14	13°27	
F 27	18 53 41	13° 5'26	0III51	29°46	29II41	16°43	15°32	21° 3	26°46	29°47	16°49	4° 9	4°54	6°21	13°28	
S 28	18 57 37	14° 2'39	13° 8	1Ω33	29°13	17°21	15°26	21° 6	26°49	29°48	16°50	4° 6	4°51	6°28	13°28	
S 29	19 1 34	14°59'53	25°38	3°18	28°47	17°58	15°20	21° 9	26°52	29°50	16°52	4° 4	4°47	6°34	13°29	
M 30	19 5 31	15°57'06	8Ω25	5Ω 1	28II23	18Ω35	15°15	21°V12	26Ω54	29Ω52	16Ω53	4°D 4	4Ω44	6Ω41	13°V29	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
S 1	23n 0	3n44	1s47	20n51	0s33	23n27	0n32	21n21	1n20	22s34	0n28	5n22	2s23	18n59	0s13	12n31	0n46	23n45	1n14	2s46	2s30	18n20	6n46	1n48
M 2	23 4	0s19	0 41	21 23	0 21	23 16	0 20	21 12	1 20	22 33	0 28	5 24	2 23	18 59	0 13	12 30	0 46	23 45	1 14	2 46	2 29	18 19	6 47	1 48
T 3	23 9	4 29	0n29	21 52	0 10	23 5	0 8	21 4	1 20	22 33	0 27	5 26	2 23	19 0	0 13	12 30	0 46	23 45	1 14	2 46	2 27	18 19	6 48	1 48
W 4	23 13	8 34	1 40	22 21	0n 1	22 54	0s 5	20 55	1 19	22 32	0 27	5 27	2 23	19 1	0 13	12 29	0 46	23 45	1 14	2 46	2 26	18 19	6 48	1 48
T 5	23 16	12 18	2 47	22 47	0 12	22 43	0 18	20 46	1 19	22 31	0 27	5 29	2 24	19 2	0 13	12 29	0 46	23 45	1 14	2 44	2 25	18 19	6 49	1 48
F 6	23 20	15 25	3 45	23 12	0 22	22 31	0 31	20 38	1 19	22 31	0 27	5 30	2 24	19 3	0 13	12 29	0 46	23 45	1 14	2 42	2 24	18 19	6 50	1 48
S 7	23 22	17 34	4 29	23 34	0 33	22 19	0 44	20 28	1 18	22 30	0 27	5 32	2 24	19 3	0 13	12 28	0 46	23 45	1 14	2 39	2 22	18 18	6 50	1 48
S 8	23 25	18 30	4 55	23 54	0 42	22 8	0 58	20 19	1 18	22 30	0 27	5 34	2 24	19 4	0 13	12 28	0 46	23 44	1 14	2 35	2 21	18 18	6 51	1 49
M 9	23 27	18 6	5 0	24 11	0 52	21 56	1 12	20 10	1 18	22 29	0 27	5 35	2 24	19 5	0 13	12 27	0 46	23 44	1 14	2 31	2 20	18 18	6 52	1 49
T 10	23 28	16 25	4 44	24 26	1 0	21 44	1 26	20 0	1 17	22 29	0 26	5 37	2 25	19 6	0 13	12 27	0 46	23 44	1 14	2 27	2 18	18 18	6 52	1 49
W 11	23 30	13 39	4 8	24 38	1 9	21 32	1 40	19 51	1 17	22 28	0 26	5 38	2 25	19 6	0 13	12 26	0 46	23 44	1 14	2 24	2 17	18 17	6 53	1 49
T 12	23 30	10 5	3 18	24 47	1 16	21 20	1 55	19 41	1 17	22 28	0 26	5 39	2 25	19 7	0 13	12 26	0 46	23 44	1 15	2 22	2 16	18 17	6 54	1 49
F 13	23 31	6 4	2 16	24 53	1 23	21 8	2 9	19 31	1 16	22 27	0 26	5 41	2 25	19 8	0 13	12 26	0 46	23 44	1 15	2 20	2 15	18 17	6 54	1 49
S 14	23 30	1 52	1 9	24 56	1 29	20 56	2 23	19 21	1 16	22 27	0 26	5 42	2 26	19 8	0 13	12 25	0 46	23 44	1 15	2 20	2 13	18 17	6 55	1 49
S 15	23 30	2n19	0 0	24 57	1 35	20 43	2 37	19 11	1 16	22 26	0 26	5 43	2 26	19 9	0 13	12 25	0 46	23 43	1 15	2 20	2 12	18 16	6 55	1 49
M 16	23 29	6 16	1s 7	24 55	1 39	20 31	2 51	19 1	1 15	22 25	0 25	5 45	2 26	19 10	0 13	12 24	0 46	23 43	1 15	2 20	2 11	18 16	6 56	1 49
T 17	23 28	9 51	2 9	24 50	1 43	20 20	3 4	18 51	1 15	22 25	0 25	5 46	2 26	19 11	0 13	12 24	0 46	23 43	1 15	2 19	2 10	18 16	6 56	1 49
W 18	23 26	12 56	3 4	24 42	1 47	20 8	3 18	18 40	1 15	22 24	0 25	5 47	2 27	19 11	0 13	12 23	0 46	23 43	1 15	2 18	2 8	18 16	6 57	1 49
T 19	23 24	15 26	3 50	24 32	1 49	19 56	3 30	18 29	1 14	22 24	0 25	5 48	2 27	19 12	0 13	12 23	0 46	23 43	1 15	2 15	2 7	18 15	6 57	1 49
F 20	23 21	17 14	4 25	24 20	1 51	19 45	3 43	18 19	1 14	22 23	0 25	5 49	2 27	19 13	0 13	12 22	0 46	23 43	1 15	2 11	2 6	18 15	6 58	1 49
S 21	23 18	18 17	4 48	24 5	1 52	19 34	3 55	18 8	1 14	22 23	0 25	5 50	2 27	19 13	0 13	12 22	0 46	23 43	1 15	2 7	2 5	18 15	6 58	1 49
S 22	23 15	18 31	4 59	23 48	1 52	19 23	4 7	17 57	1 13	22 22	0 25	5 52	2 28	19 14	0 13	12 21	0 46	23 42	1 15	2 1	2 3	18 15	6 58	1 49
M 23	23 11	17 57	4 57	23 30	1 52	19 12	4 18	17 46	1 13	22 22	0 24	5 53	2 28	19 15	0 13	12 20	0 46	23 42	1 15	1 56	2 2	18 14	6 59	1 49
T 24	23 7	16 37	4 42	23 9	1 51	19 2	4 28	17 35	1 13	22 21	0 24	5 54	2 28	19 15	0 13	12 20	0 46	23 42	1 15	1 50	2 1	18 14	6 59	1 49
W 25	23 2	14 32	4 14	22 47	1 50	18 53	4 38	17 23	1 12	22 21	0 24	5 54	2 28	19 16	0 13	12 19	0 46	23 42	1 15	1 46	2 0	18 14	7 0	1 49
T 26	22 57	11 51	3 35	22 23	1 47	18 43	4 47	17 12	1 12	22 20	0 24	5 55	2 29	19 17	0 13	12 19	0 46	23 42	1 15	1 42	1 58	18 13	7 0	1 49
F 27	22 52	8 37	2 46	21 58	1 45	18 35	4 56	17 0	1 11	22 20	0 24	5 56	2 29	19 17	0 13	12 18	0 46	23 42	1 15	1 39	1 57	18 13	7 0	1 49
S 28	22 46	4 59	1 48	21 31	1 41	18 27	5 4	16 49	1 11	22 19	0 23	5 57	2 29	19 18	0 13	12 18	0 46	23 42	1 15	1 38	1 56	18 13	7 0	1 49
S 29	22 40	1 4	0 45	21 3	1 37	18 19	5 11	16 37	1 11	22 19	0 23	5 58	2 29	19 18	0 13	12 17	0 46	23 41	1 16	1 37	1 55	18		

SWISS EPHEMERIS for the year 1438

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	19 9 27	16 ⁵⁵ 41'19	21 ⁵³ 34	6 ⁴²	28°R 1	19 ¹²	15°R 9	21 ¹⁴	26 ⁵⁷	29 ⁵⁴	16 ⁵⁵	4°R 4	4 ⁴¹	6 ⁴⁸	13 ³⁰
W 2	19 13 24	17°51'33	5 ¹¹	8°21	27 ¹¹	19°49	15 ⁴	21°17	26°59	29°55	16°57	4 ³	4°38	6°54	13°30
T 3	19 17 20	18°48'47	19° 7	9°58	27°23	20°27	14°58	21°19	27° 2	29°57	16°58	4° 0	4°35	7° 1	13°31
F 4	19 21 17	19°46'01	3 ³⁷	11°34	27° 8	21° 4	14°53	21°21	27° 4	29°59	17° 0	3°55	4°31	7° 8	13°31
S 5	19 25 13	20°43'15	18°29	13° 7	26°55	21°41	14°48	21°24	27° 7	0 ¹	17° 2	3°47	4°28	7°15	13°31
S 6	19 29 10	21°40'30	3 ³⁹	14°38	26°44	22°18	14°43	21°26	27° 9	0° 2	17° 3	3°38	4°25	7°21	13°31
M 7	19 33 6	22°37'46	18°57	16° 8	26°36	22°56	14°39	21°28	27°11	0° 4	17° 5	3°28	4°22	7°28	13°31
T 8	19 37 3	23°35'02	4 ³⁰	17°36	26°31	23°33	14°34	21°30	27°14	0° 6	17° 6	3°19	4°19	7°35	13°32
W 9	19 41 0	24°32'19	19°10	19° 1	26°27	24°11	14°30	21°32	27°16	0° 8	17° 8	3°11	4°16	7°42	13°R32
T 10	19 44 56	25°29'36	3 ⁴⁷	20°25	26°D26	24°48	14°26	21°33	27°18	0°10	17°10	3° 6	4°12	7°48	13°32
F 11	19 48 53	26°26'55	17°56	21°47	26°28	25°25	14°22	21°35	27°20	0°12	17°11	3° 3	4° 9	7°55	13°31
S 12	19 52 49	27°24'14	1 ³⁶	23° 6	26°31	26° 3	14°18	21°36	27°22	0°14	17°13	3°D 2	4° 6	8° 2	13°31
S 13	19 56 46	28°21'35	14°48	24°24	26°37	26°40	14°14	21°38	27°24	0°16	17°14	3° 2	4° 3	8° 8	13°31
M14	20 0 42	29°18'56	27°36	25°39	26°45	27°18	14°10	21°39	27°26	0°18	17°16	3°R 3	4° 0	8°15	13°31
T 15	20 4 39	0 ¹⁶ 19'19	10 ³	26°52	26°56	27°56	14° 7	21°40	27°28	0°20	17°18	3° 2	3°56	8°22	13°31
W16	20 8 35	1°13'43	22°16	28° 3	27° 8	28°33	14° 4	21°42	27°30	0°22	17°19	3° 0	3°53	8°29	13°30
T 17	20 12 32	2°11'08	4 ¹⁸	29°12	27°22	29°11	14° 1	21°43	27°32	0°24	17°21	2°55	3°50	8°35	13°30
F 18	20 16 29	3° 8'35	16°13	0 ¹⁸	27°39	29°48	13°58	21°43	27°34	0°26	17°22	2°49	3°47	8°42	13°29
S 19	20 20 25	4° 6'02	28° 4	1°22	27°57	0 ²⁶	13°55	21°44	27°36	0°28	17°24	2°40	3°44	8°49	13°29
S 20	20 24 22	5° 3'31	9 ⁵⁶	2°23	28°17	1° 4	13°53	21°45	27°38	0°30	17°25	2°29	3°41	8°55	13°28
M21	20 28 18	6° 1'01	21°50	3°21	28°39	1°42	13°50	21°46	27°40	0°32	17°27	2°19	3°37	9° 2	13°28
T 22	20 32 15	6°58'32	3 ⁴⁷	4°16	29° 2	2°19	13°48	21°46	27°41	0°34	17°28	2° 8	3°34	9° 9	13°27
W23	20 36 11	7°56'04	15°50	5° 9	29°27	2°57	13°46	21°46	27°43	0°36	17°30	1°59	3°31	9°16	13°26
T 24	20 40 8	8°53'38	27°59	5°58	29°54	3°35	13°45	21°47	27°45	0°38	17°32	1°52	3°28	9°22	13°25
F 25	20 44 4	9°51'12	10 ¹⁶	6°44	0 ²³	4°13	13°43	21°47	27°46	0°40	17°33	1°48	3°25	9°29	13°24
S 26	20 48 1	10°48'47	22°43	7°26	0°52	4°51	13°42	21°R47	27°48	0°42	17°35	1°45	3°22	9°36	13°24
S 27	20 51 58	11°46'23	5 ²²	8° 5	1°24	5°29	13°40	21°47	27°49	0°44	17°36	1°D45	3°18	9°43	13°23
M28	20 55 54	12°44'01	18°16	8°39	1°56	6° 7	13°39	21°47	27°51	0°46	17°38	1°46	3°15	9°49	13°22
T 29	20 59 51	13°41'39	1 ²⁷	9°10	2°30	6°45	13°39	21°46	27°52	0°49	17°39	1°47	3°12	9°56	13°21
W30	21 3 47	14°39'18	14°58	9°36	3° 5	7°23	13°38	21°46	27°54	0°51	17°41	1°R48	3° 9	10° 3	13°19
T 31	21 7 44	15 ³⁶ 59	28 ¹¹ 52	9 ⁵⁸	3 ⁴²	8 ¹	13 ³⁷	21 ⁴⁶	27 ⁵⁵	0 ⁵³	17 ⁴²	1 ⁴⁷	3 ⁶	10 ⁹	13 ¹⁸

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	22n26	7s 1	1n31	20n 4	1n28	18n 6	5s24	16n13	1n10	22s18	0n23	5n59	2s30	19n20	0s13	12n16	0n46	23n41	1n16	1s37	1s52	18n12	7n 1	1n49
W 2	22 19 10	48 2 37	19 33	1 22	18 0	5 29	16 1	1 10	22 18	0 23	6 0	2 30	19 20	0 13	12 15	0 46	23 41	1 16	1 37	1 51	18 12	7 1	1 49	
T 3	22 11 14	7 3 35	19 2	1 17	17 55	5 34	15 49	1 9	22 17	0 23	6 1	2 31	19 21	0 13	12 14	0 46	23 41	1 16	1 36	1 49	18 11	7 1	1 49	
F 4	22 3 16	40 4 21	18 29	1 10	17 50	5 38	15 36	1 9	22 17	0 22	6 1	2 31	19 21	0 13	12 14	0 46	23 41	1 16	1 34	1 48	18 11	7 2	1 49	
S 5	21 54 18	10 4 51	17 57	1 3	17 46	5 42	15 24	1 8	22 16	0 22	6 2	2 31	19 22	0 13	12 13	0 46	23 41	1 16	1 31	1 47	18 11	7 2	1 49	
S 6	21 46 18	26 5 2	17 23	0 56	17 43	5 45	15 11	1 8	22 16	0 22	6 2	2 31	19 22	0 13	12 13	0 46	23 40	1 16	1 27	1 46	18 10	7 2	1 49	
M 7	21 36 17	22 4 51	16 49	0 49	17 40	5 48	14 59	1 8	22 16	0 22	6 3	2 32	19 23	0 13	12 12	0 46	23 40	1 16	1 23	1 44	18 10	7 2	1 49	
T 8	21 27 15	4 4 20	16 15	0 41	17 38	5 50	14 46	1 7	22 15	0 22	6 3	2 32	19 23	0 13	12 11	0 46	23 40	1 16	1 19	1 43	18 10	7 2	1 49	
W 9	21 17 11	47 3 31	15 41	0 32	17 36	5 51	14 33	1 7	22 15	0 22	6 4	2 32	19 24	0 13	12 11	0 46	23 40	1 16	1 16	1 42	18 9	7 2	1 49	
T 10	21 6 7	50 2 29	15 6	0 24	17 35	5 52	14 20	1 7	22 15	0 21	6 4	2 32	19 24	0 13	12 10	0 46	23 40	1 16	1 14	1 41	18 9	7 2	1 49	
F 11	20 56 3	34 1 20	14 31	0 15	17 35	5 53	14 7	1 6	22 14	0 21	6 5	2 33	19 25	0 13	12 9	0 46	23 40	1 16	1 13	1 39	18 9	7 2	1 49	
S 12	20 44 0	n45 0 8	13 57	0 6	17 35	5 53	13 54	1 6	22 14	0 21	6 5	2 33	19 25	0 13	12 9	0 46	23 40	1 16	1 13	1 38	18 8	7 2	1 49	
S 13	20 33 4	53 1s 2	13 22	0s 4	17 35	5 53	13 41	1 5	22 14	0 21	6 5	2 33	19 26	0 13	12 8	0 46	23 39	1 16	1 13	1 37	18 8	7 2	1 49	
M14	20 21 8	40 2 7	12 47	0 14	17 36	5 53	13 28	1 5	22 14	0 21	6 5	2 34	19 26	0 13	12 7	0 46	23 39	1 17	1 13	1 36	18 8	7 2	1 50	
T 15	20 9 11	58 3 4	12 13	0 24	17 37	5 52	13 14	1 5	22 13	0 20	6 6	2 34	19 27	0 13	12 6	0 46	23 39	1 17	1 13	1 34	18 7	7 2	1 50	
W16	19 57 14	40 3 51	11 39	0 34	17 38	5 50	13 1	1 4	22 13	0 20	6 6	2 34	19 27	0 13	12 6	0 46	23 39	1 17	1 12	1 33	18 7	7 2	1 50	
T 17	19 44 16	41 4 27	11 5	0 45	17 40	5 49	12 47	1 4	22 13	0 20	6 6	2 34	19 28	0 13	12 5	0 46	23 39	1 17	1 10	1 32	18 7	7 1	1 50	
F 18	19 31 17	57 4 52	10 32	0 55	17 43	5 47	12 34	1 3	22 13	0 20	6 6	2 35	19 28	0 13	12 4	0 46	23 39	1 17	1 7	1 30	18 6	7 1	1 50	
S 19	19 17 18	27 5 3	9 59	1 6	17 45	5 45	12 20	1 3	22 13	0 20	6 6	2 35	19 29	0 13	12 4	0 46	23 39	1 17	1 4	1 29	18 6	7 1	1 50	
S 20	19 3 18	7 5 2	9 27	1 17	17 48	5 42	12 6	1 3	22 13	0 20	6 6	2 35	19 29	0 13	12 3	0 46	23 39	1 17	1 0	1 28	18 6	7 1	1 50	
M21	18 49 17	1 4 47	8 56	1 29	17 51	5 39	11 52	1 2	22 12	0 19	6 6	2 36	19 29	0 13	12 2	0 46	23 38	1 17	0 55	1 27	18 5	7 1	1 50	
T 22	18 35 15	9 4 20	8 25	1 40	17 54	5 36	11 38	1 2	22 12	0 19	6 6	2 36	19 30	0 13	12 1	0 46	23 38	1 17	0 51	1 25	18 5	7 0	1 50	
W23	18 20 12	38 3 41	7 56	1 51	17 57	5 33	11 24	1 1	22 12	0 19	6 6	2 36	19 30	0 13	12 1	0 46	23 38	1 17	0 48	1 24	18 5	7 0	1 50	
T 24	18 5 9	32 2 51	7 27	2 3	18 1	5 30	11 10	1 1	22 12	0 19	6 6	2 36	19 30	0 13	12 0	0 46	23 38	1 17	0 45	1 23	18 4	7 0	1 50	
F 25	17 50 6	0 1 53	7 0	2 14	18 4	5 26	10 56	1 1	22 12	0 19	6 5	2 37	19 31	0 13	11 59	0 46	23 38	1 17	0 43	1 22	18 4	7 0	1 50	
S 26	17 34 2	9 0 49	6 33	2 26	18 8	5 22	10 42	1 0	22 12	0 18	6 5	2 37	19 31	0 13	11 58	0 46	23 38	1 17	0 42	1 20	18 4	6 59	1 50	
S 27	17 18 1s50	0n19	6 8	2 37	18 12	5 18	10 27	1 0	22 12	0 18	6 5	2 37	19 32	0 13	11 58	0 46	23 38	1 17	0 42	1 19	18 3	6 59	1 50	
M28	17 2 5 50	1 28	5 45	2 48	18 15	5 14	10 13	0 59	22 12	0 18	6 5	2 37	19 32	0 13	11 57	0 46	23 38	1 18	0 42	1 18	18 3	6 58	1 50	
T 29	16 46 9 37	2 33	5 23	2 59	18 19	5 10	9 58	0 59	22 12	0 18	6 4	2 38												

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	21 11 40	16♌34'40	13♌ 8	10♍15	4♌19	8♍39	13°R37	21°R45	27♌56	0♍55	17♌43	1°R44	3♌ 2	10♌16	13°R17
S 2	21 15 37	17°32'23	27°44	10°27	4°58	9°17	13°D37	21°Y44	27°57	0°57	17°45	1♌40	2°59	10°23	13°Y16
S 3	21 19 33	18°30'07	12♌35	10°34	5°38	9°55	13♌37	21°44	27°59	0°59	17°46	1°34	2°56	10°30	13°15
M 4	21 23 30	19°27'52	27°35	10°R35	6°19	10°34	13°38	21°43	28° 0	1° 2	17°48	1°28	2°53	10°36	13°13
T 5	21 27 27	20°25'38	12♌35	10°30	7° 1	11°12	13°38	21°42	28° 1	1° 4	17°49	1°22	2°50	10°43	13°12
W 6	21 31 23	21°23'25	27°25	10°20	7°44	11°50	13°39	21°41	28° 2	1° 6	17°51	1°17	2°47	10°50	13°10
T 7	21 35 20	22°21'15	11♌58	10° 4	8°28	12°28	13°40	21°40	28° 3	1° 8	17°52	1°14	2°43	10°57	13° 9
F 8	21 39 16	23°19'05	26° 7	9°42	9°13	13° 7	13°41	21°38	28° 4	1°10	17°53	1°D13	2°40	11° 3	13° 7
S 9	21 43 13	24°16'58	9°Y51	9°15	9°59	13°45	13°42	21°37	28° 5	1°13	17°55	1°13	2°37	11°10	13° 6
S 10	21 47 9	25°14'52	23° 8	8°41	10°46	14°23	13°43	21°35	28° 5	1°15	17°56	1°14	2°34	11°17	13° 4
M11	21 51 6	26°12'48	6♌ 0	8° 2	11°33	15° 2	13°45	21°34	28° 6	1°17	17°57	1°16	2°31	11°23	13° 2
T 12	21 55 2	27°10'46	18°31	7°18	12°21	15°40	13°47	21°32	28° 7	1°19	17°59	1°17	2°28	11°30	13° 1
W13	21 58 59	28° 8'46	0♌46	6°30	13°10	16°19	13°49	21°30	28° 8	1°21	18° 0	1°R17	2°24	11°37	12°59
T 14	22 2 56	29° 6'47	12°48	5°38	14° 0	16°57	13°51	21°28	28° 8	1°24	18° 1	1°16	2°21	11°44	12°57
F 15	22 6 52	0♍ 4'51	24°44	4°43	14°51	17°36	13°53	21°26	28° 9	1°26	18° 2	1°14	2°18	11°50	12°55
S 16	22 10 49	1° 2'57	6♌36	3°46	15°42	18°15	13°56	21°24	28° 9	1°28	18° 4	1°10	2°15	11°57	12°53
S 17	22 14 45	2° 1'04	18°28	2°49	16°34	18°53	13°58	21°22	28°10	1°30	18° 5	1° 6	2°12	12° 4	12°51
M18	22 18 42	2°59'14	0♌25	1°52	17°27	19°32	14° 1	21°20	28°10	1°33	18° 6	1° 1	2° 8	12°10	12°49
T 19	22 22 38	3°57'25	12°28	0°56	18°20	20°11	14° 4	21°17	28°11	1°35	18° 7	0°56	2° 5	12°17	12°47
W20	22 26 35	4°55'38	24°40	0° 4	19°14	20°49	14° 7	21°15	28°11	1°37	18° 9	0°52	2° 2	12°24	12°45
T 21	22 30 31	5°53'53	7♍ 2	29♌16	20° 8	21°28	14°11	21°12	28°11	1°39	18°10	0°49	1°59	12°31	12°43
F 22	22 34 28	6°52'10	19°35	28°33	21° 3	22° 7	14°14	21°10	28°11	1°41	18°11	0°47	1°56	12°37	12°41
S 23	22 38 25	7°50'28	2♌20	27°57	21°58	22°46	14°18	21° 7	28°12	1°44	18°12	0°D47	1°53	12°44	12°39
S 24	22 42 21	8°48'48	15°17	27°28	22°54	23°25	14°22	21° 4	28°12	1°46	18°13	0°47	1°49	12°51	12°37
M25	22 46 18	9°47'10	28°27	27° 7	23°51	24° 4	14°26	21° 1	28°12	1°48	18°14	0°49	1°46	12°57	12°34
T 26	22 50 14	10°45'34	11♌51	26°55	24°48	24°43	14°30	20°58	28°R12	1°50	18°15	0°50	1°43	13° 4	12°32
W27	22 54 11	11°43'59	25°30	26°D52	25°45	25°22	14°35	20°55	28°12	1°53	18°16	0°51	1°40	13°11	12°30
T 28	22 58 7	12°42'26	9♌24	26°58	26°43	26° 1	14°40	20°52	28°12	1°55	18°17	0°R52	1°37	13°18	12°27
F 29	23 2 4	13°40'54	23°31	27°13	27°42	26°40	14°44	20°49	28°11	1°57	18°18	0°52	1°34	13°24	12°25
S 30	23 6 0	14°39'24	7♌51	27°38	28°41	27°19	14°49	20°46	28°11	1°59	18°19	0°51	1°30	13°31	12°23
S 31	23 9 57	15♍37'56	22♌21	28♌11	29♌40	27♍58	14♌54	20°Y42	28♌11	2♍ 1	18♌20	0♌49	1♌27	13♌38	12°Y20

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
F 1	15n55	17s36	4n53	4n29	3s31	18n30	4s56	9n15	0n58	22s13	0n17	6n 3	2s39	19n33	0s13	11n54	0n46	23n37	1n18	0s42	1s13	18n 1	6n57	1n50
S 2	15 37	18 21	5 8	4 16	3 41	18 33	4 52	9 0	0 57	22 13	0 17	6 2	2 39	19 33	0 13	11 53	0 46	23 37	1 18	0 40	1 11	18 1	6 56	1 50
S 3	15 20	17 53	5 3	4 4	3 50	18 37	4 47	8 45	0 57	22 13	0 17	6 2	2 39	19 34	0 13	11 52	0 46	23 37	1 18	0 38	1 10	18 0	6 56	1 50
M 4	15 2	16 10	4 38	3 56	3 59	18 40	4 42	8 30	0 57	22 13	0 17	6 1	2 39	19 34	0 13	11 52	0 46	23 37	1 18	0 35	1 9	18 0	6 55	1 50
T 5	14 43	13 21	3 53	3 50	4 7	18 43	4 37	8 15	0 56	22 14	0 17	6 1	2 40	19 34	0 13	11 51	0 46	23 37	1 18	0 33	1 8	18 0	6 55	1 50
W 6	14 25	9 42	2 53	3 47	4 14	18 46	4 32	8 0	0 56	22 14	0 17	6 0	2 40	19 34	0 13	11 50	0 46	23 37	1 18	0 31	1 6	17 59	6 54	1 50
T 7	14 6	5 31	1 43	3 47	4 21	18 48	4 26	7 45	0 55	22 14	0 16	5 59	2 40	19 35	0 13	11 49	0 46	23 36	1 18	0 30	1 5	17 59	6 54	1 50
F 8	13 47	1 7	0 28	3 51	4 26	18 51	4 21	7 30	0 55	22 14	0 16	5 59	2 40	19 35	0 13	11 48	0 46	23 36	1 18	0 29	1 4	17 58	6 53	1 50
S 9	13 28	3n12	0s47	3 58	4 30	18 53	4 16	7 15	0 54	22 15	0 16	5 58	2 41	19 35	0 13	11 48	0 46	23 36	1 19	0 29	1 3	17 58	6 52	1 50
S 10	13 9	7 13	1 57	4 8	4 32	18 55	4 10	6 59	0 54	22 15	0 16	5 57	2 41	19 35	0 13	11 47	0 46	23 36	1 19	0 30	1 1	17 58	6 52	1 50
M11	12 49	10 45	2 58	4 22	4 33	18 56	4 5	6 44	0 54	22 15	0 16	5 56	2 41	19 35	0 13	11 46	0 46	23 36	1 19	0 30	1 0	17 57	6 51	1 50
T 12	12 29	13 42	3 50	4 38	4 32	18 58	3 59	6 29	0 53	22 16	0 15	5 55	2 41	19 35	0 13	11 45	0 46	23 36	1 19	0 31	0 59	17 57	6 50	1 50
W13	12 9	15 59	4 29	4 59	4 29	18 59	3 54	6 13	0 53	22 16	0 15	5 55	2 42	19 36	0 13	11 45	0 46	23 36	1 19	0 31	0 58	17 56	6 50	1 50
T 14	11 49	17 30	4 56	5 22	4 25	18 59	3 48	5 58	0 52	22 17	0 15	5 54	2 42	19 36	0 13	11 44	0 46	23 36	1 19	0 30	0 56	17 56	6 49	1 50
F 15	11 29	18 14	5 10	5 48	4 19	19 0	3 42	5 43	0 52	22 17	0 15	5 53	2 42	19 36	0 13	11 43	0 46	23 36	1 19	0 29	0 55	17 56	6 48	1 50
S 16	11 8	18 10	5 11	6 16	4 10	19 0	3 37	5 27	0 51	22 18	0 15	5 52	2 42	19 36	0 13	11 42	0 46	23 36	1 19	0 28	0 54	17 55	6 47	1 50
S 17	10 47	17 18	4 58	6 46	4 0	18 59	3 31	5 11	0 51	22 18	0 15	5 51	2 43	19 36	0 13	11 41	0 46	23 36	1 19	0 26	0 53	17 55	6 47	1 50
M18	10 26	15 41	4 33	7 18	3 48	18 59	3 25	4 56	0 50	22 19	0 14	5 50	2 43	19 36	0 13	11 41	0 46	23 35	1 19	0 24	0 51	17 54	6 46	1 50
T 19	10 5	13 21	3 54	7 50	3 34	18 57	3 19	4 40	0 50	22 19	0 14	5 48	2 43	19 36	0 13	11 40	0 46	23 35	1 19	0 22	0 50	17 54	6 45	1 50
W20	9 44	10 25	3 5	8 23	3 19	18 56	3 14	4 24	0 50	22 20	0 14	5 47	2 43	19 36	0 13	11 39	0 46	23 35	1 19	0 21	0 49	17 53	6 44	1 50
T 21	9 23	6 59	2 7	8 55	3 2	18 54	3 8	4 9	0 49	22 20	0 14	5 46	2 44	19 36	0 13	11 38	0 46	23 35	1 20	0 20	0 47	17 53	6 43	1 50
F 22	9 1	3 12	1 1	9 27	2 44	18 51	3 2	3 53	0 48	22 21	0 14	5 45	2 44	19 36	0 13	11 37	0 46	23 35	1 20	0 19	0 46	17 52	6 43	1 50
S 23	8 39	0s48	0n 9	9 56	2 26	18 49	2 56	3 37	0 48	22 21	0 14	5 44	2 44	19 36	0 13	11 37	0 46	23 35	1 20	0 19	0 45	17 52	6 42	1 50

SWISS EPHEMERIS for the year 1438

SEPTEMBER 1438 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
M 1	23 13 54	16 ^h 36'29"	6 ^h 55'	28 ^h 54'	0 ^h 40'	28 ^h 37'	15 ^h 0'	20 ^h R39	28 ^h R11	2 ^h 3	18 ^h 21'	0 ^h R47	1 ^h 24'	13 ^h 45'	12 ^h R18
T 2	23 17 50	17 ^h 35'04"	21 ^h 29'	29 ^h 44'	1 ^h 40'	29 ^h 16'	15 ^h 5'	20 ^h Y35	28 ^h U10	2 ^h 6'	18 ^h 22'	0 ^h 46'	1 ^h 21'	13 ^h 51'	12 ^h Y15
W 3	23 21 47	18 ^h 33'41"	5 ^h 57'	0 ^h 43'	2 ^h 40'	29 ^h 56'	15 ^h 11'	20 ^h 31'	28 ^h 10'	2 ^h 8'	18 ^h 23'	0 ^h 44'	1 ^h 18'	13 ^h 58'	12 ^h 13'
T 4	23 25 43	19 ^h 32'20"	20 ^h 12'	1 ^h 48'	3 ^h 41'	0 ^h 35'	15 ^h 16'	20 ^h 28'	28 ^h 10'	2 ^h 10'	18 ^h 24'	0 ^h 44'	1 ^h 14'	14 ^h 5'	12 ^h 10'
F 5	23 29 40	20 ^h 31'00"	4 ^h Y10'	3 ^h 0'	4 ^h 42'	1 ^h 14'	15 ^h 22'	20 ^h 24'	28 ^h 9'	2 ^h 12'	18 ^h 25'	0 ^h D43'	1 ^h 11'	14 ^h 11'	12 ^h 8'
S 6	23 33 36	21 ^h 29'43"	17 ^h 47'	4 ^h 19'	5 ^h 44'	1 ^h 54'	15 ^h 28'	20 ^h 20'	28 ^h 8'	2 ^h 14'	18 ^h 26'	0 ^h 44'	1 ^h 8'	14 ^h 18'	12 ^h 5'
S 7	23 37 33	22 ^h 28'28"	1 ^h 3	5 ^h 42'	6 ^h 46'	2 ^h 33'	15 ^h 35'	20 ^h 16'	28 ^h 8'	2 ^h 16'	18 ^h 27'	0 ^h 44'	1 ^h 5'	14 ^h 25'	12 ^h 2'
M 8	23 41 29	23 ^h 27'15"	13 ^h 56'	7 ^h 10'	7 ^h 48'	3 ^h 12'	15 ^h 41'	20 ^h 12'	28 ^h 7'	2 ^h 18'	18 ^h 28'	0 ^h 45'	1 ^h 2'	14 ^h 32'	12 ^h 0'
T 9	23 45 26	24 ^h 26'05"	26 ^h 30'	8 ^h 42'	8 ^h 51'	3 ^h 52'	15 ^h 48'	20 ^h 8'	28 ^h 7'	2 ^h 21'	18 ^h 28'	0 ^h 46'	0 ^h 59'	14 ^h 38'	11 ^h 57'
W10	23 49 22	25 ^h 24'56"	8 ^h II48'	10 ^h 18'	9 ^h 54'	4 ^h 31'	15 ^h 54'	20 ^h 4'	28 ^h 6'	2 ^h 23'	18 ^h 29'	0 ^h 46'	0 ^h 55'	14 ^h 45'	11 ^h 54'
T 11	23 53 19	26 ^h 23'50"	20 ^h 52'	11 ^h 56'	10 ^h 57'	5 ^h 11'	16 ^h 1'	20 ^h 0'	28 ^h 5'	2 ^h 25'	18 ^h 30'	0 ^h 47'	0 ^h 52'	14 ^h 52'	11 ^h 52'
F 12	23 57 16	27 ^h 22'47"	2 ^h 49'	13 ^h 37'	12 ^h 1'	5 ^h 51'	16 ^h 8'	19 ^h 56'	28 ^h 4'	2 ^h 27'	18 ^h 31'	0 ^h R47'	0 ^h 49'	14 ^h 58'	11 ^h 49'
S 13	0 1 12	28 ^h 21'46"	14 ^h 42'	15 ^h 20'	13 ^h 5'	6 ^h 30'	16 ^h 15'	19 ^h 52'	28 ^h 3'	2 ^h 29'	18 ^h 31'	0 ^h 47'	0 ^h 46'	15 ^h 5'	11 ^h 46'
S 14	0 5 9	29 ^h 20'47"	26 ^h 35'	17 ^h 4'	14 ^h 9'	7 ^h 10'	16 ^h 22'	19 ^h 47'	28 ^h 2'	2 ^h 31'	18 ^h 32'	0 ^h 46'	0 ^h 43'	15 ^h 12'	11 ^h 43'
M15	0 9 5	0 ^h 19'50"	8 ^h U34'	18 ^h 50'	15 ^h 13'	7 ^h 50'	16 ^h 30'	19 ^h 43'	28 ^h 1'	2 ^h 33'	18 ^h 33'	0 ^h D46'	0 ^h 39'	15 ^h 19'	11 ^h 41'
T 16	0 13 2	1 ^h 18'55"	20 ^h 42'	20 ^h 36'	16 ^h 18'	8 ^h 30'	16 ^h 37'	19 ^h 39'	28 ^h 0'	2 ^h 35'	18 ^h 33'	0 ^h 46'	0 ^h 36'	15 ^h 25'	11 ^h 38'
W17	0 16 58	2 ^h 18'03"	3 ^h 22'	22 ^h 23'	17 ^h 23'	9 ^h 9'	16 ^h 45'	19 ^h 34'	27 ^h 59'	2 ^h 37'	18 ^h 34'	0 ^h 46'	0 ^h 33'	15 ^h 32'	11 ^h 35'
T 18	0 20 55	3 ^h 17'13"	15 ^h 36'	24 ^h 10'	18 ^h 29'	9 ^h 49'	16 ^h 53'	19 ^h 30'	27 ^h 58'	2 ^h 39'	18 ^h 35'	0 ^h 47'	0 ^h 30'	15 ^h 39'	11 ^h 32'
F 19	0 24 51	4 ^h 16'25"	28 ^h 26'	25 ^h 57'	19 ^h 34'	10 ^h 29'	17 ^h 1'	19 ^h 25'	27 ^h 57'	2 ^h 41'	18 ^h 35'	0 ^h R47'	0 ^h 27'	15 ^h 45'	11 ^h 30'
S 20	0 28 48	5 ^h 15'39"	11 ^h 32'	27 ^h 44'	20 ^h 40'	11 ^h 9'	17 ^h 9'	19 ^h 21'	27 ^h 56'	2 ^h 43'	18 ^h 36'	0 ^h 47'	0 ^h 24'	15 ^h 52'	11 ^h 27'
S 21	0 32 45	6 ^h 14'55"	24 ^h 54'	29 ^h 31'	21 ^h 46'	11 ^h 49'	17 ^h 17'	19 ^h 16'	27 ^h 55'	2 ^h 45'	18 ^h 36'	0 ^h 46'	0 ^h 20'	15 ^h 59'	11 ^h 24'
M22	0 36 41	7 ^h 14'14"	8 ^h II29'	1 ^h 17'	22 ^h 52'	12 ^h 29'	17 ^h 26'	19 ^h 11'	27 ^h 53'	2 ^h 47'	18 ^h 37'	0 ^h 46'	0 ^h 17'	16 ^h 6'	11 ^h 21'
T 23	0 40 38	8 ^h 13'34"	22 ^h 17'	3 ^h 3'	23 ^h 59'	13 ^h 9'	17 ^h 34'	19 ^h 7'	27 ^h 52'	2 ^h 49'	18 ^h 37'	0 ^h 45'	0 ^h 14'	16 ^h 12'	11 ^h 18'
W24	0 44 34	9 ^h 12'56"	6 ^h Y15'	4 ^h 49'	25 ^h 5'	13 ^h 49'	17 ^h 43'	19 ^h 2'	27 ^h 50'	2 ^h 50'	18 ^h 38'	0 ^h 44'	0 ^h 11'	16 ^h 19'	11 ^h 15'
T 25	0 48 31	10 ^h 12'20"	20 ^h 20'	6 ^h 34'	26 ^h 12'	14 ^h 29'	17 ^h 51'	18 ^h 57'	27 ^h 49'	2 ^h 52'	18 ^h 38'	0 ^h 43'	0 ^h 8'	16 ^h 26'	11 ^h 12'
F 26	0 52 27	11 ^h 11'46"	4 ^h 30'	8 ^h 19'	27 ^h 20'	15 ^h 10'	18 ^h 0'	18 ^h 53'	27 ^h 48'	2 ^h 54'	18 ^h 38'	0 ^h D43'	0 ^h 5'	16 ^h 32'	11 ^h 10'
S 27	0 56 24	12 ^h 11'13"	18 ^h 42'	10 ^h 3'	28 ^h 27'	15 ^h 50'	18 ^h 9'	18 ^h 48'	27 ^h 46'	2 ^h 56'	18 ^h 39'	0 ^h 43'	0 ^h 1'	16 ^h 39'	11 ^h 7'
S 28	1 0 20	13 ^h 10'42"	2 ^h 55'	11 ^h 46'	29 ^h 35'	16 ^h 30'	18 ^h 19'	18 ^h 43'	27 ^h 44'	2 ^h 58'	18 ^h 39'	0 ^h 43'	29 ^h 58'	16 ^h 46'	11 ^h 4'
M29	1 4 17	14 ^h 10'13"	17 ^h 5'	13 ^h 29'	0 ^h 42'	17 ^h 10'	18 ^h 28'	18 ^h 38'	27 ^h 43'	3 ^h 0'	18 ^h 39'	0 ^h 44'	29 ^h 55'	16 ^h 53'	11 ^h 1'
T 30	1 8 14	15 ^h 9'46"	1 ^h X11'	15 ^h 11'	1 ^h 50'	17 ^h 51'	18 ^h 37'	18 ^h Y33'	27 ^h 41'	3 ^h 1'	18 ^h 40'	0 ^h 45'	29 ^h 52'	16 ^h 59'	10 ^h Y58'

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	5n18	14s29	4n15	12n10	0n17	18n 3	2s 4	1n13	0n44	22s28	0n12	5n31	2s46	19n36	0s13	11n30	0n46	23n35	1n21	0s19	0s33	17n48	6n33	1n50
T 2	4 55	11 13	3 20	12 5	0 32	17 55	1 58	0 57	0 44	22 28	0 12	5 30	2 46	19 36	0 13	11 29	0 46	23 35	1 21	0 18	0 32	17 47	6 32	1 50
W 3	4 32	7 18	2 13	11 57	0 45	17 47	1 53	0 41	0 43	22 29	0 12	5 28	2 46	19 36	0 13	11 28	0 46	23 35	1 21	0 18	0 31	17 47	6 31	1 50
T 4	4 9	3 0	0 58	11 45	0 57	17 39	1 47	0 25	0 43	22 30	0 12	5 27	2 46	19 36	0 13	11 27	0 46	23 35	1 21	0 17	0 30	17 46	6 30	1 50
F 5	3 46	1n22	0s19	11 29	1 8	17 30	1 42	0 9	0 42	22 31	0 12	5 25	2 46	19 36	0 13	11 27	0 46	23 35	1 21	0 17	0 28	17 46	6 29	1 50
S 6	3 23	5 34	1 33	11 9	1 17	17 21	1 36	0s 7	0 42	22 31	0 12	5 24	2 47	19 36	0 13	11 26	0 46	23 34	1 21	0 17	0 27	17 45	6 28	1 49
S 7	3 0	9 22	2 40	10 46	1 25	17 11	1 30	0 23	0 41	22 32	0 11	5 22	2 47	19 36	0 13	11 25	0 46	23 34	1 21	0 18	0 26	17 45	6 27	1 49
M 8	2 36	12 37	3 37	10 20	1 33	17 0	1 25	0 39	0 41	22 33	0 11	5 21	2 47	19 35	0 13	11 24	0 46	23 34	1 21	0 18	0 25	17 44	6 26	1 49
T 9	2 13	15 11	4 22	9 51	1 39	16 49	1 19	0 56	0 40	22 34	0 11	5 19	2 47	19 35	0 13	11 24	0 47	23 34	1 21	0 18	0 23	17 44	6 25	1 49
W10	1 50	16 59	4 54	9 19	1 44	16 38	1 14	1 12	0 40	22 35	0 11	5 17	2 47	19 35	0 13	11 23	0 47	23 34	1 21	0 19	0 22	17 43	6 24	1 49
T 11	1 26	18 0	5 12	8 45	1 47	16 26	1 9	1 28	0 39	22 36	0 11	5 16	2 47	19 35	0 13	11 22	0 47	23 34	1 22	0 19	0 21	17 43	6 23	1 49
F 12	1 3	18 12	5 17	8 9	1 50	16 14	1 3	1 44	0 39	22 37	0 11	5 14	2 47	19 35	0 13	11 21	0 47	23 34	1 22	0 19	0 20	17 42	6 22	1 49
S 13	0 39	17 36	5 8	7 31	1 52	16 1	0 58	2 0	0 38	22 37	0 11	5 12	2 48	19 35	0 13	11 21	0 47	23 34	1 22	0 19	0 18	17 42	6 20	1 49
S 14	0 16	16 13	4 46	6 51	1 53	15 47	0 53	2 16	0 38	22 38	0 10	5 10	2 48	19 34	0 13	11 20	0 47	23 34	1 22	0 19	0 17	17 41	6 19	1 49
M15	0s 8	14 8	4 11	6 10	1 54	15 34	0 48	2 33	0 37	22 39	0 10	5 9	2 48	19 34	0 13	11 19	0 47	23 34	1 22	0 18	0 16	17 41	6 18	1 49
T 16	0 31	11 24	3 25	5 28	1 53	15 19	0 42	2 49	0 37	22 40	0 10	5 7	2 48	19 34	0 13	11 19	0 47	23 34	1 22	0 18	0 14	17 40	6 17	1 49
W17	0 55	8 7	2 28	4 45	1 52	15 5	0 37	3 5	0 36	22 41	0 10	5 5	2 48	19 34	0 13	11 18	0 47	23 34	1 22	0 19	0 13	17 40	6 16	1 49
T 18	1 19	4 25	1 23	4 1	1 50	14 49	0 32	3 21	0 36	22 42	0 10	5 3	2 48	19 33	0 13	11 17	0 47	23 34	1 22	0 19	0 12	17 39	6 15	1 49
F 19	1 42	0 26	0 13	3 16	1 48	14 34	0 27	3 37	0 35	22 43	0 10	5 2	2 48	19 33	0 13	11 17	0 47	23 34	1 22	0 19	0 11			

SWISS EPHEMERIS for the year 1438

OCTOBER 1438 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	1 12 10	16♁ 9'20	15♁ 10	16♁ 52	2♁ 58	18♁ 31	18♁ 47	18°R29	27°R40	3♁ 3	18♁ 40	0♁ 46	29♁ 49	17♁ 6	10°R55
T 2	1 16 7	17° 8'57	28°59	18°33	4° 7	19°12	18°56	18°Y24	27°R38	3° 5	18°40	0°R47	29°45	17°13	10°Y53
F 3	1 20 3	18° 8'35	12°Y35	20°13	5°15	19°52	19° 6	18°19	27°36	3° 7	18°41	0°46	29°42	17°20	10°50
S 4	1 24 0	19° 8'15	25°56	21°52	6°24	20°32	19°16	18°14	27°34	3° 8	18°41	0°45	29°39	17°26	10°47
S 5	1 27 56	20° 7'58	9♁ 1	23°31	7°33	21°13	19°26	18° 9	27°32	3°10	18°41	0°43	29°36	17°33	10°44
M 6	1 31 53	21° 7'42	21°49	25° 9	8°42	21°54	19°36	18° 5	27°31	3°11	18°41	0°40	29°33	17°40	10°41
T 7	1 35 49	22° 7'29	4♁ 21	26°47	9°51	22°34	19°46	18° 0	27°29	3°13	18°41	0°36	29°30	17°46	10°39
W 8	1 39 46	23° 7'18	16°R38	28°24	11° 1	23°15	19°56	17°55	27°27	3°15	18°41	0°33	29°26	17°53	10°36
T 9	1 43 42	24° 7'09	28°43	0♁ 0	12°10	23°56	20° 6	17°50	27°25	3°16	18°41	0°30	29°23	18° 0	10°33
F 10	1 47 39	25° 7'02	10♁ 40	1°36	13°20	24°36	20°17	17°46	27°23	3°18	18°41	0°28	29°20	18° 7	10°30
S 11	1 51 36	26° 6'58	22°32	3°12	14°30	25°17	20°27	17°41	27°21	3°19	18°R41	0°D27	29°17	18°13	10°28
S 12	1 55 32	27° 6'56	4♁ 25	4°47	15°40	25°58	20°38	17°36	27°19	3°21	18°41	0°27	29°14	18°20	10°25
M13	1 59 29	28° 6'56	16°23	6°21	16°50	26°39	20°49	17°31	27°17	3°22	18°41	0°28	29°10	18°27	10°22
T 14	2 3 25	29° 6'58	28°32	7°55	18° 1	27°20	21° 0	17°27	27°15	3°24	18°41	0°30	29° 7	18°33	10°20
W15	2 7 22	0♁ 7'02	10♁ 55	9°29	19°11	28° 1	21°11	17°22	27°12	3°25	18°41	0°32	29° 4	18°40	10°17
T 16	2 11 18	1° 7'08	23°36	11° 2	20°22	28°42	21°22	17°17	27°10	3°27	18°41	0°33	29° 1	18°47	10°14
F 17	2 15 15	2° 7'17	6♁ 38	12°34	21°32	29°23	21°33	17°13	27° 8	3°28	18°41	0°R33	28°58	18°54	10°12
S 18	2 19 11	3° 7'27	20° 2	14° 7	22°43	0♁ 4	21°44	17° 8	27° 6	3°29	18°41	0°31	28°55	19° 0	10° 9
S 19	2 23 8	4° 7'39	3♁ 47	15°38	23°54	0°45	21°55	17° 4	27° 3	3°30	18°41	0°28	28°51	19° 7	10° 7
M20	2 27 5	5° 7'53	17°51	17°10	25° 5	1°27	22° 7	16°59	27° 1	3°32	18°40	0°24	28°48	19°14	10° 4
T 21	2 31 1	6° 8'09	2♁ 8	18°41	26°17	2° 8	22°18	16°55	26°59	3°33	18°40	0°18	28°45	19°20	10° 2
W22	2 34 58	7° 8'27	16°34	20°11	27°28	2°49	22°30	16°51	26°57	3°34	18°40	0°12	28°42	19°27	9°59
T 23	2 38 54	8° 8'46	1♁ 2	21°42	28°40	3°31	22°41	16°46	26°54	3°35	18°40	0° 7	28°39	19°34	9°57
F 24	2 42 51	9° 9'07	15°27	23°11	29°51	4°12	22°53	16°42	26°52	3°37	18°39	0° 3	28°36	19°41	9°54
S 25	2 46 47	10° 9'29	29°45	24°41	1♁ 3	4°53	23° 5	16°38	26°50	3°38	18°39	0° 1	28°32	19°47	9°52
S 26	2 50 44	11° 9'53	13♁ 52	26°10	2°15	5°35	23°17	16°34	26°47	3°39	18°39	0°D 1	28°29	19°54	9°50
M27	2 54 40	12°10'18	27°49	27°38	3°27	6°16	23°29	16°30	26°45	3°40	18°38	0° 1	28°26	20° 1	9°47
T 28	2 58 37	13°10'44	11♁ 34	29° 6	4°39	6°58	23°41	16°26	26°42	3°41	18°38	0° 3	28°23	20° 7	9°45
W29	3 2 34	14°11'11	25° 7	0♁ 34	5°51	7°40	23°53	16°22	26°40	3°42	18°37	0°R 4	28°20	20°14	9°43
T 30	3 6 30	15°11'40	8°Y29	2° 1	7° 3	8°21	24° 5	16°18	26°37	3°43	18°37	0° 4	28°16	20°21	9°41
F 31	3 10 27	16♁ 12'11	21°Y40	3♁ 27	8♁ 15	9♁ 3	24♁ 17	16°Y14	26°R35	3♁ 44	18°R36	0♁ 1	28♁ 13	20°R28	9°Y38

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	6s22	4s33	1n25	5s53	0n50	10n51	0n27	6s50	0n29	22s54	0n 8	4n40	2s49	19n29	0s13	11n 9	0n47	23n35	1n23	0s18	0n 5	17n32	5n59	1n48
T 2	6 45	0 15	0 10	6 37	0 43	10 30	0 31	7 6	0 29	22 55	0 8	4 38	2 49	19 29	0 13	11 8	0 47	23 35	1 24	0 19	0 6	17 32	5 58	1 48
F 3	7 8	4n 0	1s 5	7 21	0 37	10 9	0 35	7 21	0 28	22 56	0 8	4 36	2 49	19 28	0 13	11 8	0 47	23 35	1 24	0 18	0 7	17 31	5 57	1 48
S 4	7 31	7 58	2 14	8 4	0 30	9 47	0 38	7 37	0 28	22 57	0 8	4 34	2 49	19 28	0 13	11 7	0 47	23 35	1 24	0 18	0 8	17 31	5 56	1 48
S 5	7 54	11 27	3 16	8 47	0 24	9 25	0 42	7 53	0 27	22 58	0 8	4 32	2 49	19 28	0 13	11 6	0 47	23 35	1 24	0 17	0 10	17 30	5 55	1 48
M 6	8 16	14 19	4 5	9 30	0 17	9 2	0 46	8 9	0 27	22 59	0 7	4 31	2 49	19 27	0 13	11 6	0 47	23 35	1 24	0 16	0 11	17 29	5 53	1 47
T 7	8 38	16 27	4 42	10 11	0 10	8 40	0 49	8 24	0 26	22 59	0 7	4 29	2 49	19 27	0 13	11 5	0 47	23 35	1 24	0 14	0 12	17 29	5 52	1 47
W 8	9 1	17 47	5 5	10 53	0 4	8 16	0 53	8 40	0 26	23 0	0 7	4 27	2 49	19 26	0 13	11 5	0 47	23 36	1 24	0 13	0 13	17 28	5 51	1 47
T 9	9 23	18 16	5 14	11 33	0s 3	7 53	0 56	8 55	0 25	23 1	0 7	4 25	2 49	19 26	0 13	11 4	0 47	23 36	1 24	0 12	0 15	17 28	5 50	1 47
F 10	9 45	17 56	5 9	12 13	0 10	7 29	1 0	9 11	0 24	23 2	0 7	4 23	2 49	19 25	0 13	11 4	0 47	23 36	1 24	0 11	0 16	17 27	5 49	1 47
S 11	10 7	16 50	4 51	12 52	0 16	7 5	1 3	9 26	0 24	23 3	0 7	4 22	2 49	19 25	0 13	11 3	0 47	23 36	1 25	0 11	0 17	17 26	5 47	1 47
S 12	10 29	14 59	4 21	13 31	0 23	6 41	1 6	9 42	0 23	23 4	0 7	4 20	2 49	19 25	0 13	11 3	0 47	23 36	1 25	0 11	0 18	17 26	5 46	1 47
M13	10 50	12 29	3 39	14 9	0 30	6 16	1 9	9 57	0 23	23 5	0 7	4 18	2 48	19 24	0 13	11 2	0 47	23 36	1 25	0 11	0 20	17 25	5 45	1 47
T 14	11 12	9 25	2 47	14 46	0 37	5 51	1 12	10 12	0 22	23 6	0 7	4 17	2 48	19 24	0 13	11 2	0 47	23 36	1 25	0 12	0 21	17 25	5 44	1 47
W15	11 33	5 52	1 46	15 22	0 43	5 26	1 15	10 28	0 22	23 7	0 6	4 15	2 48	19 23	0 13	11 1	0 47	23 36	1 25	0 13	0 22	17 24	5 43	1 46
T 16	11 54	1 58	0 38	15 58	0 50	5 1	1 18	10 43	0 21	23 7	0 6	4 13	2 48	19 23	0 13	11 1	0 47	23 36	1 25	0 13	0 24	17 23	5 42	1 46
F 17	12 15	2s 8	0n33	16 33	0 56	4 36	1 20	10 58	0 21	23 8	0 6	4 11	2 48	19 22	0 13	11 0	0 48	23 36	1 25	0 13	0 25	17 23	5 41	1 46
S 18	12 35	6 15	1 44	17 7	1 2	4 10	1 23	11 13	0 20	23 9	0 6	4 10	2 48	19 22	0 13	11 0	0 48	23 37	1 25	0 13	0 26	17 22	5 39	1 46
S 19	12 56	10 8	2 51	17 40	1 9	3 44	1 25	11 28	0 20	23 10	0 6	4 8	2 48	19 21	0 13	10 59	0 48	23 37	1 25	0 11	0 27	17 22	5 38	1 46
M20	13 16	13 32	3 49	18 12	1 15	3 18	1 28	11 43	0 19	23 11	0 6	4 7	2 48	19 21	0 13	10 59	0 48	23 37	1 25	0 9	0 29	17 21	5 37	1 46
T 21	13 36	16 10	4 34	18 43	1 21	2 52	1 30	11 58	0 18	23 11	0 6	4 5	2 48	19 20	0 13	10 58	0 48	23 37	1 26	0 7	0 30	17 20	5 36	1 46
W22	13 56	17 50	5 2	19 14	1 27	2 25	1 32	12 12	0 18	23 12	0 6	4 3	2 48	19 19	0 13	10 58	0 48	23 37	1 26	0 5	0 31	17 20	5 35	1 46
T 23	14 16	18 20	5 10	19 43	1 32	1 59	1 34	12 27	0 17	23 13	0 5	4 2	2 47	19 19	0 13	10 58	0 48	23 37	1 26	0 3	0 32	17 19	5 34	1 45
F 24	14 35	17 39	4 59	20 12	1 38	1 32	1 36	12 42	0 17	23 14	0 5	4 0	2 47	19 18	0 13	10 57	0 48	23 37	1 26	0 1	0 34	17 19	5 33	1 45
S 25	14 54	15 52	4 30	20 40	1 43	1 5	1 38	12 56	0 16	23 14	0 5	3 59	2 47	19 18	0 13	10 57	0 48	23 38	1 26	0 0	0 35	17 18	5 32	1 45
S 26	15 13	13 8	3 44	21 6	1 48	0 38	1 40	13 11	0 16	23 15	0 5	3 57	2 47	19 17	0 13	10 57	0 48	23 38	1 26	0 0	0 36	17 17	5 31	1 45
M27	15 32	9 40	2 46	21 32	1 53	0 11	1 42	13 25	0 15	23 16	0 5	3 56	2 47	19 17	0 13	10 56	0 48	23 38	1 26	0 1	0 37	17 17	5 30	1 45
T 28	15 50	5 44	1 39	21 56	1 58	0s16	1 43	13 39	0 14	23 17	0 5	3 55	2 47	19 16	0 13	10 56	0 48	23 38	1 26	0 1	0 39	17 16	5 29	1 45
W29	16 9	1 32	0 27	22 19	2 2	0 43	1 45	13 53	0 14	23 17	0 5													

SWISS EPHEMERIS for the year 1438

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S 1	3 14 23	17 ^m 12'42"	4 ^h 40'	4 ^h 53'	9 ^m 27'	9 ^m 45'	24 ^h 30'	16 ^h R10	26 ^h R32	3 ^m 45'	18 ^h R36	29 ^h R57	28 ^m 10'	20 ^h 34'	9 ^h R36							
S 2	3 18 20	18 ^h 13'16"	17 ^h 28'	6 ^h 18'	10 ^h 40'	10 ^h 27'	24 ^h 42'	16 ^h Y 6	26 ^h 30'	3 ^h 46'	18 ^h 35'	29 ^m 50'	28 ^h 7'	20 ^h 41'	9 ^h Y34							
M 3	3 22 16	19 ^h 13'51"	0 ^h II 3	7 ^h 43'	11 ^h 52'	11 ^h 8'	24 ^h 54'	16 ^h 3'	26 ^h 27'	3 ^h 46'	18 ^h 35'	29 ^h 41'	28 ^h 4'	20 ^h 48'	9 ^h 32							
T 4	3 26 13	20 ^h 14'27"	12 ^h 27'	9 ^h 6'	13 ^h 5'	11 ^h 50'	25 ^h 7'	15 ^h 59'	26 ^h 25'	3 ^h 47'	18 ^h 34'	29 ^h 32'	28 ^h 1'	20 ^h 54'	9 ^h 30							
W 5	3 30 9	21 ^h 15'05"	24 ^h 39'	10 ^h 29'	14 ^h 18'	12 ^h 32'	25 ^h 19'	15 ^h 56'	26 ^h 22'	3 ^h 48'	18 ^h 34'	29 ^h 22'	27 ^h 57'	21 ^h 1'	9 ^h 28							
T 6	3 34 6	22 ^h 15'45"	6 ^h 42'	11 ^h 50'	15 ^h 31'	13 ^h 14'	25 ^h 32'	15 ^h 52'	26 ^h 20'	3 ^h 49'	18 ^h 33'	29 ^h 12'	27 ^h 54'	21 ^h 8'	9 ^h 26							
F 7	3 38 3	23 ^h 16'26"	18 ^h 37'	13 ^h 10'	16 ^h 44'	13 ^h 56'	25 ^h 45'	15 ^h 49'	26 ^h 17'	3 ^h 50'	18 ^h 32'	29 ^h 5'	27 ^h 51'	21 ^h 14'	9 ^h 24							
S 8	3 41 59	24 ^h 17'09"	0 ^h Ω28	14 ^h 29'	17 ^h 57'	14 ^h 38'	25 ^h 58'	15 ^h 46'	26 ^h 15'	3 ^h 50'	18 ^h 32'	28 ^h 59'	27 ^h 48'	21 ^h 21'	9 ^h 23							
S 9	3 45 56	25 ^h 17'54"	12 ^h 18'	15 ^h 46'	19 ^h 10'	15 ^h 20'	26 ^h 10'	15 ^h 43'	26 ^h 12'	3 ^h 51'	18 ^h 31'	28 ^h 56'	27 ^h 45'	21 ^h 28'	9 ^h 21							
M10	3 49 52	26 ^h 18'40"	24 ^h 14'	17 ^h 2'	20 ^h 23'	16 ^h 2'	26 ^h 23'	15 ^h 40'	26 ^h 10'	3 ^h 52'	18 ^h 30'	28 ^h D55	27 ^h 42'	21 ^h 35'	9 ^h 19							
T 11	3 53 49	27 ^h 19'27"	6 ^h 19'	18 ^h 15'	21 ^h 36'	16 ^h 45'	26 ^h 36'	15 ^h 37'	26 ^h 7'	3 ^h 52'	18 ^h 30'	28 ^h 55'	27 ^h 38'	21 ^h 41'	9 ^h 17							
W12	3 57 45	28 ^h 20'16"	18 ^h 39'	19 ^h 26'	22 ^h 49'	17 ^h 27'	26 ^h 49'	15 ^h 34'	26 ^h 5'	3 ^h 53'	18 ^h 29'	28 ^h 56'	27 ^h 35'	21 ^h 48'	9 ^h 16							
T 13	4 1 42	29 ^h 21'07"	1 ^h 19'	20 ^h 34'	24 ^h 2'	18 ^h 9'	27 ^h 2'	15 ^h 31'	26 ^h 2'	3 ^h 53'	18 ^h 28'	28 ^h R56	27 ^h 32'	21 ^h 55'	9 ^h 14							
F 14	4 5 38	0 ^h 21'59"	14 ^h 24'	21 ^h 40'	25 ^h 16'	18 ^h 52'	27 ^h 15'	15 ^h 28'	26 ^h 0'	3 ^h 54'	18 ^h 27'	28 ^h 55'	27 ^h 29'	22 ^h 1'	9 ^h 13							
S 15	4 9 35	1 ^h 22'52"	27 ^h 56'	22 ^h 41'	26 ^h 29'	19 ^h 34'	27 ^h 28'	15 ^h 26'	25 ^h 57'	3 ^h 54'	18 ^h 27'	28 ^h 52'	27 ^h 26'	22 ^h 8'	9 ^h 11							
S 16	4 13 32	2 ^h 23'47"	11 ^m 54'	23 ^h 39'	27 ^h 43'	20 ^h 16'	27 ^h 42'	15 ^h 23'	25 ^h 55'	3 ^h 55'	18 ^h 26'	28 ^h 46'	27 ^h 22'	22 ^h 15'	9 ^h 10							
M17	4 17 28	3 ^h 24'43"	26 ^h 18'	24 ^h 31'	28 ^h 56'	20 ^h 59'	27 ^h 55'	15 ^h 21'	25 ^h 52'	3 ^h 55'	18 ^h 25'	28 ^h 37'	27 ^h 19'	22 ^h 22'	9 ^h 8							
T 18	4 21 25	4 ^h 25'40"	11 ^h 1 ^h	25 ^h 19'	0 ^m 10'	21 ^h 41'	28 ^h 8'	15 ^h 19'	25 ^h 50'	3 ^h 55'	18 ^h 24'	28 ^h 27'	27 ^h 16'	22 ^h 28'	9 ^h 7							
W19	4 25 21	5 ^h 26'38"	2 ^h 55'	26 ^h 0'	1 ^h 24'	22 ^h 24'	28 ^h 21'	15 ^h 16'	25 ^h 47'	3 ^h 56'	18 ^h 23'	28 ^h 16'	27 ^h 13'	22 ^h 35'	9 ^h 6							
T 20	4 29 18	6 ^h 27'38"	10 ^h 35'	26 ^h 35'	2 ^h 37'	23 ^h 7'	28 ^h 35'	15 ^h 14'	25 ^h 45'	3 ^h 56'	18 ^h 22'	28 ^h 6'	27 ^h 10'	22 ^h 42'	9 ^h 4							
F 21	4 33 14	7 ^h 28'38"	2 ^h 54'	27 ^h 2'	3 ^h 51'	23 ^h 49'	28 ^h 48'	15 ^h 12'	25 ^h 42'	3 ^h 56'	18 ^h 21'	27 ^h 58'	27 ^h 7'	22 ^h 48'	9 ^h 3							
S 22	4 37 11	8 ^h 29'38"	10 ^h 35'	27 ^h 20'	5 ^h 5'	24 ^h 32'	29 ^h 1'	15 ^h 10'	25 ^h 40'	3 ^h 56'	18 ^h 20'	27 ^h 52'	27 ^h 3'	22 ^h 55'	9 ^h 2							
S 23	4 41 7	9 ^h 30'39"	24 ^h 31'	27 ^h R29	6 ^h 19'	25 ^h 15'	29 ^h 15'	15 ^h 8'	25 ^h 37'	3 ^h 56'	18 ^h 19'	27 ^h 49'	27 ^h 0'	23 ^h 2'	9 ^h 1							
M24	4 45 4	10 ^h 31'41"	8 ^h X28	27 ^h 28'	7 ^h 33'	25 ^h 57'	29 ^h 28'	15 ^h 7'	25 ^h 35'	3 ^h 57'	18 ^h 18'	27 ^h D49	26 ^h 57'	23 ^h 9'	9 ^h 0							
T 25	4 49 1	11 ^h 32'43"	2 ^h 5'	27 ^h 15'	8 ^h 47'	26 ^h 40'	29 ^h 42'	15 ^h 5'	25 ^h 33'	3 ^h 57'	18 ^h 17'	27 ^h R49	26 ^h 54'	23 ^h 15'	8 ^h 59							
W26	4 52 57	12 ^h 33'46"	5 ^h Y25	26 ^h 52'	10 ^h 1'	27 ^h 23'	29 ^h 56'	15 ^h 4'	25 ^h 30'	3 ^h 57'	18 ^h 16'	27 ^h 49'	26 ^h 51'	23 ^h 22'	8 ^h 58							
T 27	4 56 54	13 ^h 34'49"	18 ^h 29'	26 ^h 17'	11 ^h 15'	28 ^h 6'	0 ^h 3 9	15 ^h 2'	25 ^h 28'	3 ^h 57'	18 ^h 15'	27 ^h 47'	26 ^h 48'	23 ^h 29'	8 ^h 57							
F 28	5 0 50	14 ^h 35'53"	1 ^h 19'	25 ^h 31'	12 ^h 29'	28 ^h 49'	0 ^h 23'	15 ^h 1'	25 ^h 25'	3 ^h R57	18 ^h 14'	27 ^h 43'	26 ^h 44'	23 ^h 35'	8 ^h 56							
S 29	5 4 47	15 ^h 36'57"	13 ^h 59'	24 ^h 33'	13 ^h 43'	29 ^h 32'	0 ^h 36'	15 ^h 0'	25 ^h 23'	3 ^h 57'	18 ^h 13'	27 ^h 36'	26 ^h 41'	23 ^h 42'	8 ^h 56							
S 30	5 8 43	16 ^h 38'02"	26 ^h 28'	23 ^h 27'	14 ^m 57'	0 ^h 15'	0 ^h 350	14 ^h Y59	25 ^h 21'	3 ^m 57'	18 ^h 12'	27 ^m 25'	26 ^m 38'	23 ^h 49'	8 ^h Y55							

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat			
S 1	17s 1	10m21	2s55	23s22	2s14	2s 6	1n49	14s35	0n12	23s19	0n 4	3n49	2s46	19n14	0s13	10n55	0n48	23n39	1n27	0n 1	0n44	17n13	5n25	1n44
S 2	17 18	13 28	3 47	23 41	2 18	2 33	1 50	14 49	0 12	23 20	0 4	3 48	2 46	19 13	0 13	10 54	0 48	23 39	1 27	0 4	0 45	17 13	5 24	1 44
M 3	17 35	15 53	4 26	23 58	2 21	3 0	1 51	15 2	0 11	23 20	0 4	3 47	2 46	19 13	0 13	10 54	0 48	23 39	1 27	0 7	0 46	17 12	5 23	1 44
T 4	17 51	17 31	4 53	24 14	2 23	3 28	1 52	15 16	0 10	23 21	0 4	3 46	2 46	19 12	0 13	10 54	0 48	23 39	1 27	0 11	0 48	17 11	5 22	1 44
W 5	18 8	18 20	5 5	24 29	2 25	3 55	1 53	15 29	0 10	23 22	0 4	3 45	2 45	19 12	0 13	10 53	0 48	23 39	1 27	0 15	0 49	17 11	5 21	1 44
T 6	18 23	18 18	5 3	24 42	2 27	4 23	1 53	15 43	0 9	23 22	0 4	3 43	2 45	19 11	0 13	10 53	0 48	23 40	1 27	0 19	0 50	17 10	5 20	1 44
F 7	18 39	17 27	4 48	24 54	2 28	4 50	1 54	15 56	0 9	23 23	0 4	3 42	2 45	19 10	0 13	10 53	0 48	23 40	1 27	0 22	0 51	17 9	5 19	1 43
S 8	18 54	15 51	4 21	25 5	2 29	5 18	1 55	16 9	0 8	23 23	0 4	3 41	2 45	19 10	0 13	10 53	0 48	23 40	1 27	0 24	0 53	17 9	5 18	1 43
S 9	19 9	13 35	3 43	25 13	2 30	5 45	1 55	16 22	0 7	23 24	0 4	3 40	2 45	19 9	0 13	10 53	0 48	23 40	1 27	0 26	0 54	17 8	5 18	1 43
M10	19 23	10 44	2 55	25 21	2 29	6 12	1 55	16 35	0 7	23 24	0 4	3 39	2 44	19 9	0 13	10 52	0 48	23 40	1 28	0 26	0 55	17 7	5 17	1 43
T 11	19 37	7 24	1 58	25 27	2 28	6 39	1 56	16 47	0 6	23 25	0 3	3 38	2 44	19 8	0 13	10 52	0 48	23 40	1 28	0 26	0 56	17 7	5 16	1 43
W12	19 51	3 40	0 55	25 31	2 27	7 6	1 56	17 0	0 6	23 25	0 3	3 37	2 44	19 8	0 13	10 52	0 48	23 41	1 28	0 26	0 58	17 6	5 15	1 43
T 13	20 4	0s20	0n13	25 34	2 24	7 33	1 56	17 12	0 5	23 25	0 3	3 37	2 44	19 7	0 13	10 52	0 48	23 41	1 28	0 25	0 59	17 5	5 14	1 42
F 14	20 17	4 26	1 22	25 35	2 21	8 0	1 56	17 25	0 4	23 26	0 3	3 36	2 43	19 6	0 13	10 52	0 49	23 41	1 28	0 26	1 0	17 5	5 14	1 42
S 15	20 30	8 28	2 28	25 35	2 17	8 27	1 56	17 37	0 4															

SWISS EPHEMERIS for the year 1438

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M 1	5 12 40	17°39'07	8II49	22°R13	16II11	0°58	13 4	14°R58	25°R18	3°R57	18°R11	27°R13	26II35	23556	8°R54
T 2	5 16 36	18°40'13	21° 1	20°53	17°26	1°41	1°18	14°57	25°16	3II57	18510	26II58	26°32	24° 2	8°54
W 3	5 20 33	19°41'20	35 5	19°30	18°40	2°24	1°31	14°56	25°14	3°56	18° 9	26°43	26°28	24° 9	8°53
T 4	5 24 30	20°42'27	15° 3	18° 8	19°54	3° 8	1°45	14°56	25°12	3°56	18° 8	26°29	26°25	24°16	8°53
F 5	5 28 26	21°43'34	26°56	16°48	21° 9	3°51	1°59	14°55	25°10	3°56	18° 7	26°17	26°22	24°22	8°52
S 6	5 32 23	22°44'43	8645	15°34	22°23	4°34	2°13	14°55	25° 7	3°56	18° 5	26° 8	26°19	24°29	8°52
S 7	5 36 19	23°45'51	20°35	14°26	23°37	5°17	2°27	14°55	25° 5	3°55	18° 4	26° 2	26°16	24°36	8°52
M 8	5 40 16	24°47'01	2II28	13°28	24°52	6° 1	2°40	14°54	25° 3	3°55	18° 3	25°58	26°13	24°42	8°52
T 9	5 44 12	25°48'11	14°30	12°40	26° 6	6°44	2°54	14°D54	25° 1	3°55	18° 2	25°57	26° 9	24°49	8°51
W10	5 48 9	26°49'21	26°46	12° 2	27°21	7°28	3° 8	14°54	24°59	3°54	18° 1	25°56	26° 6	24°56	8°51
T 11	5 52 5	27°50'32	9521	11°35	28°35	8°11	3°22	14°55	24°57	3°54	18° 0	25°56	26° 3	25° 3	8°D51
F 12	5 56 2	28°51'43	22°20	11°18	29°50	8°55	3°36	14°55	24°55	3°53	17°58	25°55	26° 0	25° 9	8°51
S 13	5 59 59	29°52'55	5II47	11°D12	1°57 4	9°38	3°50	14°55	24°53	3°53	17°57	25°51	25°57	25°16	8°51
S 14	6 3 55	0354'08	19°45	11°15	2°19	10°22	4° 4	14°56	24°51	3°52	17°56	25°45	25°53	25°23	8°51
M15	6 7 52	1°55'20	4512	11°26	3°33	11° 6	4°18	14°56	24°49	3°52	17°55	25°35	25°50	25°29	8°52
T 16	6 11 48	2°56'33	19° 5	11°46	4°48	11°50	4°32	14°57	24°47	3°51	17°53	25°24	25°47	25°36	8°52
W17	6 15 45	3°57'46	4314	12°13	6° 3	12°33	4°46	14°58	24°46	3°50	17°52	25°12	25°44	25°43	8°52
T 18	6 19 41	4°58'59	19°30	12°46	7°17	13°17	5° 0	14°59	24°44	3°50	17°51	25° 1	25°41	25°50	8°53
F 19	6 23 38	6° 0'12	4542	13°25	8°32	14° 1	5°13	15° 0	24°42	3°49	17°50	24°52	25°38	25°56	8°53
S 20	6 27 34	7° 1'25	19°38	14°10	9°47	14°45	5°27	15° 1	24°40	3°48	17°48	24°45	25°34	26° 3	8°53
S 21	6 31 31	8° 2'37	4513	14°59	11° 1	15°29	5°41	15° 2	24°39	3°48	17°47	24°41	25°31	26°10	8°54
M22	6 35 28	9° 3'48	18°22	15°52	12°16	16°13	5°55	15° 4	24°37	3°47	17°46	24°40	25°28	26°16	8°55
T 23	6 39 24	10° 4'59	25 5	16°50	13°31	16°57	6° 9	15° 5	24°36	3°46	17°44	24°D40	25°25	26°23	8°55
W24	6 43 21	11° 6'10	15°25	17°50	14°46	17°41	6°23	15° 7	24°34	3°45	17°43	24°R40	25°22	26°30	8°56
T 25	6 47 17	12° 7'20	28°23	18°53	16° 0	18°25	6°37	15° 9	24°33	3°44	17°42	24°39	25°19	26°36	8°57
F 26	6 51 14	13° 8'29	115 4	20° 0	17°15	19° 9	6°51	15°10	24°31	3°43	17°40	24°35	25°15	26°43	8°58
S 27	6 55 10	14° 9'38	23°30	21° 8	18°30	19°53	7° 5	15°12	24°30	3°42	17°39	24°29	25°12	26°50	8°58
S 28	6 59 7	15°10'46	5II47	22°19	19°45	20°38	7°19	15°14	24°28	3°41	17°38	24°20	25° 9	26°57	8°59
M29	7 3 3	16°11'53	17°55	23°31	20°59	21°22	7°33	15°17	24°27	3°40	17°37	24° 9	25° 6	27° 3	9° 0
T 30	7 7 0	17°13'00	29°56	24°46	22°14	22° 6	7°47	15°19	24°26	3°39	17°35	23°56	25° 3	27°10	9° 1
W31	7 10 57	18°14'07	11553	26°57 2	23°29	22°50	85 0	15°21	24°25	3II38	17534	23II43	24II59	27517	9° 3

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	22s56	17n 9	4s45	21s55	1n22	15s 5	1n43	20s31	0s 6	23s29	0n 1	3n28	2s39	18n57	0s12	10n51	0n49	23n45	1n29	1n 7	1n22	16n53	5n 4	1n40
T 2	23 1 18 15	4 58	21 30	1 41	15 27	1 42	20 40	0 7	23 29	0 1	3 28	2 39	18 56	0 12	10 51	0 49	23 45	1 30	1 12	1 23	16 52	5 4	1 39	
W 3	23 6 18 31	4 58	21 7	1 59	15 49	1 40	20 49	0 7	23 29	0 1	3 28	2 39	18 56	0 12	10 51	0 49	23 45	1 30	1 18	1 24	16 51	5 3	1 39	
T 4	23 11 17 57	4 44	20 44	2 15	16 11	1 39	20 59	0 8	23 29	0 1	3 28	2 38	18 55	0 12	10 52	0 49	23 46	1 30	1 24	1 26	16 51	5 3	1 39	
F 5	23 15 16 36	4 19	20 23	2 29	16 32	1 37	21 7	0 9	23 29	0 1	3 28	2 38	18 55	0 12	10 52	0 49	23 46	1 30	1 29	1 27	16 50	5 3	1 39	
S 6	23 19 14 33	3 42	20 3	2 41	16 53	1 35	21 16	0 9	23 29	0 1	3 28	2 38	18 54	0 12	10 52	0 49	23 46	1 30	1 33	1 28	16 49	5 2	1 39	
S 7	23 22 11 54	2 55	19 47	2 50	17 13	1 34	21 25	0 10	23 28	0 1	3 28	2 37	18 54	0 12	10 52	0 49	23 46	1 30	1 35	1 29	16 48	5 2	1 39	
M 8	23 24 8 45	2 1	19 33	2 57	17 33	1 32	21 33	0 11	23 28	0 1	3 28	2 37	18 53	0 12	10 52	0 49	23 47	1 30	1 36	1 31	16 48	5 2	1 38	
T 9	23 27 5 12	1 0	19 23	3 2	17 53	1 30	21 41	0 11	23 28	0 1	3 29	2 37	18 53	0 12	10 52	0 49	23 47	1 30	1 37	1 32	16 47	5 1	1 38	
W10	23 28 1 21	0n 4	19 15	3 4	18 12	1 28	21 49	0 12	23 28	0 1	3 29	2 37	18 52	0 12	10 52	0 50	23 47	1 30	1 37	1 33	16 46	5 1	1 38	
T 11	23 30 2s38	1 10	19 11	3 5	18 30	1 26	21 57	0 13	23 28	0 0	3 29	2 36	18 52	0 12	10 53	0 50	23 47	1 30	1 37	1 34	16 45	5 1	1 38	
F 12	23 30 6 38	2 15	19 10	3 3	18 48	1 24	22 4	0 13	23 27	0 0	3 30	2 36	18 51	0 12	10 53	0 50	23 47	1 30	1 38	1 36	16 45	5 1	1 38	
S 13	23 31 10 26	3 14	19 12	3 1	19 6	1 22	22 11	0 14	23 27	0 0	3 30	2 36	18 51	0 12	10 53	0 50	23 48	1 30	1 39	1 37	16 44	5 1	1 38	
S 14	23 30 13 49	4 4	19 17	2 56	19 23	1 20	22 18	0 14	23 27	0 0	3 31	2 35	18 50	0 12	10 53	0 50	23 48	1 31	1 42	1 38	16 43	5 1	1 37	
M15	23 30 16 28	4 40	19 23	2 51	19 39	1 18	22 25	0 15	23 26	0 0	3 31	2 35	18 50	0 12	10 54	0 50	23 48	1 31	1 45	1 40	16 42	5 1	1 37	
T 16	23 29 18 6	4 59	19 32	2 45	19 55	1 15	22 32	0 16	23 26	0s 0	3 32	2 35	18 49	0 12	10 54	0 50	23 48	1 31	1 50	1 41	16 41	5 1	1 37	
W17	23 27 18 30	4 57	19 42	2 39	20 11	1 13	22 38	0 16	23 26	0 0	3 32	2 35	18 49	0 12	10 54	0 50	23 49	1 31	1 55	1 42	16 41	5 1	1 37	
T 18	23 25 17 34	4 34	19 54	2 31	20 26	1 11	22 45	0 17	23 25	0 0	3 33	2 34	18 49	0 12	10 54	0 50	23 49	1 31	1 59	1 43	16 40	5 1	1 37	
F 19	23 22 15 24	3 52	20 6	2 23	20 40	1 9	22 51	0 18	23 25	0 0	3 34	2 34	18 48	0 12	10 55	0 50	23 49	1 31	2 3	1 45	16 39	5 1	1 37	
S 20	23 19 12 13	2 54	20 20	2 15	20 53	1 6	22 56	0 18	23 24	0 0	3 34	2 34	18 48	0 12	10 55	0 50	23 49	1 31	2 5	1 46	16 38	5 1	1 36	
S 21	23 16 8 21	1 46	20 34	2 7	21 7	1 4	23 2	0 19	23 24	0 1	3 35	2 33	18 47	0 12	10 55	0 50	23 50	1 31	2 7	1 47	16 38	5 1	1 36	
M22	23 12 4 6	0 33	20 48	1 58	21 19	1 1	23 7	0 20	23 23	0 1	3 36	2 33	18 47	0 12	10 56	0 50	23 50	1 31	2 8	1 48	16 37	5 1	1 36	
T 23	23 8 0n14	0s39	21 3	1 49	21 31	0 59	23 12	0 20	23 23	0 1	3 37	2 33	18 47	0 12	10 56	0 50	23 50	1 31	2 8	1 50	16 36	5 1	1 36	
W24	23 3 4 26	1 48	21 17	1 40	21 42	0 56	23 17	0 21	23 22	0 1	3 38	2 33	18 46	0 12	10 56	0 50	23 50	1 31	2 8	1 51	16 35	5 1	1 36	
T 25	22 57 8 18	2 49	21 32	1 31	21 53	0 54	23 22	0 22	23 22	0 1	3 38	2 32	18 46	0 12	10 57	0 50	23 51	1 31	2 8	1 52	16 34	5 1	1 36	
F 26	22 52 11 42	3 40	21 46	1 22	22 3	0 51	23 26	0 22	23 21	0 1	3 39	2 32	18 46	0 12	10 57	0 50	23 51	1 31	2 9	1 53	16 34	5 1	1 35	
S 27	22 45 14 31	4 19	22 0	1 13	22 12	0 49	23 30	0 23	23 20	0 1	3 40	2 32	18 45	0 12	10 57	0 50	23 51	1 31	2 12	1 55	16 33	5 1	1 35	
S 28	22 39 16 38	4 46	22 13	1 4	22 21	0 46	23 34	0 24	23 20	0 1	3 41	2 31	18 45	0 12	10 58	0 50	23 51	1 32	2 15	1 56	16 32	5 2	1 35	
M29	22 31 17 59	5 0	22 26	0 55	22 29	0 44	23 38	0 24	23 19	0 1	3 43	2 31	18 45	0 12	10 58	0 50	23 52	1 32	2 20	1 57	16 31	5 2	1 35	