

The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

Horizontal Shadow Plane Sundial

Latitude: 57.0° N/S

Earliest Sunrise: 3:03 a.m. Latest Sunset: 8:57 p.m.

E-W Dimension: 1000 mm

Local Time		X	Y	Local Time		X	Y	Local Time		X	Y
12:00		0.0	-500.0								
11:55	12:05	9.1	-500.0	8:25	3:35	500.0	-437.1	4:55	7:05	500.0	173.8
11:50	12:10	18.3	-500.0	8:20	3:40	500.0	-417.5	4:50	7:10	500.0	188.0
11:45	12:15	27.5	-500.0	8:15	3:45	500.0	-398.4	4:45	7:15	500.0	202.4
11:40	12:20	36.7	-500.0	8:10	3:50	500.0	-379.8	4:40	7:20	500.0	217.0
11:35	12:25	45.9	-500.0	8:05	3:55	500.0	-361.8	4:35	7:25	500.0	231.8
11:30	12:30	55.2	-500.0	8:00	4:00	500.0	-344.2	4:30	7:30	500.0	246.9
11:25	12:35	64.5	-500.0	7:55	4:05	500.0	-327.1	4:25	7:35	500.0	262.3
11:20	12:40	73.9	-500.0	7:50	4:10	500.0	-310.4	4:20	7:40	500.0	278.0
11:15	12:45	83.4	-500.0	7:45	4:15	500.0	-294.0	4:15	7:45	500.0	294.0
11:10	12:50	93.0	-500.0	7:40	4:20	500.0	-278.0	4:10	7:50	500.0	310.4
11:05	12:55	102.6	-500.0	7:35	4:25	500.0	-262.3	4:05	7:55	500.0	327.1
11:00	1:00	112.4	-500.0	7:30	4:30	500.0	-246.9	4:00	8:00	500.0	344.2
10:55	1:05	122.2	-500.0	7:25	4:35	500.0	-231.8	3:55	8:05	500.0	361.8
10:50	1:10	132.2	-500.0	7:20	4:40	500.0	-217.0	3:50	8:10	500.0	379.8
10:45	1:15	142.3	-500.0	7:15	4:45	500.0	-202.4	3:45	8:15	500.0	398.4
10:40	1:20	152.6	-500.0	7:10	4:50	500.0	-188.0	3:40	8:20	500.0	417.5
10:35	1:25	163.1	-500.0	7:05	4:55	500.0	-173.8	3:35	8:25	500.0	437.1
10:30	1:30	173.7	-500.0	7:00	5:00	500.0	-159.7	3:30	8:30	500.0	457.5
10:25	1:35	184.5	-500.0	6:55	5:05	500.0	-145.9	3:25	8:35	500.0	478.5
10:20	1:40	195.5	-500.0	6:50	5:10	500.0	-132.2	3:20	8:40	499.7	500.0
10:15	1:45	206.8	-500.0	6:45	5:15	500.0	-118.6	3:15	8:45	478.2	500.0
10:10	1:50	218.3	-500.0	6:40	5:20	500.0	-105.1	3:10	8:50	457.6	500.0
10:05	1:55	230.1	-500.0	6:35	5:25	500.0	-91.8	3:05	8:55	438.0	500.0
10:00	2:00	242.1	-500.0	6:30	5:30	500.0	-78.5	3:00	9:00	419.3	500.0
9:55	2:05	254.5	-500.0	6:25	5:35	500.0	-65.3				
9:50	2:10	267.1	-500.0	6:20	5:40	500.0	-52.2				
9:45	2:15	280.2	-500.0	6:15	5:45	500.0	-39.1				
9:40	2:20	293.6	-500.0	6:10	5:50	500.0	-26.0				
9:35	2:25	307.5	-500.0	6:05	5:55	500.0	-13.0				
9:30	2:30	321.8	-500.0	6:00	6:00	500.0	0.0				
9:25	2:35	336.6	-500.0	5:55	6:05	500.0	13.0				
9:20	2:40	351.9	-500.0	5:50	6:10	500.0	26.0				
9:15	2:45	367.7	-500.0	5:45	6:15	500.0	39.1				
9:10	2:50	384.2	-500.0	5:40	6:20	500.0	52.2				
9:05	2:55	401.4	-500.0	5:35	6:25	500.0	65.3				
9:00	3:00	419.3	-500.0	5:30	6:30	500.0	78.5				
8:55	3:05	438.0	-500.0	5:25	6:35	500.0	91.8				
8:50	3:10	457.6	-500.0	5:20	6:40	500.0	105.1				
8:45	3:15	478.2	-500.0	5:15	6:45	500.0	118.6				
8:40	3:20	499.7	-500.0	5:10	6:50	500.0	132.2				
8:35	3:25	500.0	-478.5	5:05	6:55	500.0	145.9				
8:30	3:30	500.0	-457.5	5:00	7:00	500.0	159.7				

The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

Horizontal Shadow Plane Sundial

Latitude: 57.0° N/S

Earliest Sunrise: 3:03 a.m. Latest Sunset: 8:57 p.m.

E-W Dimension: 3000 mm

Local Time		X	Y	Local Time		X	Y	Local Time		X	Y
12:00		0.0	-1500.0								
11:55	12:05	27.4	-1500.0	8:25	3:35	1500.0	-1311.4	4:55	7:05	1500.0	521.3
11:50	12:10	54.9	-1500.0	8:20	3:40	1500.0	-1252.4	4:50	7:10	1500.0	563.9
11:45	12:15	82.5	-1500.0	8:15	3:45	1500.0	-1195.1	4:45	7:15	1500.0	607.1
11:40	12:20	110.1	-1500.0	8:10	3:50	1500.0	-1139.4	4:40	7:20	1500.0	651.0
11:35	12:25	137.8	-1500.0	8:05	3:55	1500.0	-1085.3	4:35	7:25	1500.0	695.5
11:30	12:30	165.6	-1500.0	8:00	4:00	1500.0	-1032.6	4:30	7:30	1500.0	740.8
11:25	12:35	193.6	-1500.0	7:55	4:05	1500.0	-981.2	4:25	7:35	1500.0	787.0
11:20	12:40	221.8	-1500.0	7:50	4:10	1500.0	-931.1	4:20	7:40	1500.0	834.0
11:15	12:45	250.2	-1500.0	7:45	4:15	1500.0	-882.0	4:15	7:45	1500.0	882.0
11:10	12:50	278.9	-1500.0	7:40	4:20	1500.0	-834.0	4:10	7:50	1500.0	931.1
11:05	12:55	307.8	-1500.0	7:35	4:25	1500.0	-787.0	4:05	7:55	1500.0	981.2
11:00	1:00	337.1	-1500.0	7:30	4:30	1500.0	-740.8	4:00	8:00	1500.0	1032.6
10:55	1:05	366.7	-1500.0	7:25	4:35	1500.0	-695.5	3:55	8:05	1500.0	1085.3
10:50	1:10	396.6	-1500.0	7:20	4:40	1500.0	-651.0	3:50	8:10	1500.0	1139.4
10:45	1:15	427.0	-1500.0	7:15	4:45	1500.0	-607.1	3:45	8:15	1500.0	1195.1
10:40	1:20	457.9	-1500.0	7:10	4:50	1500.0	-563.9	3:40	8:20	1500.0	1252.4
10:35	1:25	489.2	-1500.0	7:05	4:55	1500.0	-521.3	3:35	8:25	1500.0	1311.4
10:30	1:30	521.1	-1500.0	7:00	5:00	1500.0	-479.2	3:30	8:30	1500.0	1372.4
10:25	1:35	553.5	-1500.0	6:55	5:05	1500.0	-437.7	3:25	8:35	1500.0	1435.5
10:20	1:40	586.6	-1500.0	6:50	5:10	1500.0	-396.5	3:20	8:40	1499.2	1500.0
10:15	1:45	620.4	-1500.0	6:45	5:15	1500.0	-355.8	3:15	8:45	1434.5	1500.0
10:10	1:50	654.9	-1500.0	6:40	5:20	1500.0	-315.4	3:10	8:50	1372.9	1500.0
10:05	1:55	690.2	-1500.0	6:35	5:25	1500.0	-275.3	3:05	8:55	1314.1	1500.0
10:00	2:00	726.3	-1500.0	6:30	5:30	1500.0	-235.5	3:00	9:00	1258.0	1500.0
9:55	2:05	763.4	-1500.0	6:25	5:35	1500.0	-195.9				
9:50	2:10	801.4	-1500.0	6:20	5:40	1500.0	-156.5				
9:45	2:15	840.6	-1500.0	6:15	5:45	1500.0	-117.2				
9:40	2:20	880.9	-1500.0	6:10	5:50	1500.0	-78.1				
9:35	2:25	922.4	-1500.0	6:05	5:55	1500.0	-39.0				
9:30	2:30	965.3	-1500.0	6:00	6:00	1500.0	0.0				
9:25	2:35	1009.7	-1500.0	5:55	6:05	1500.0	39.0				
9:20	2:40	1055.6	-1500.0	5:50	6:10	1500.0	78.1				
9:15	2:45	1103.2	-1500.0	5:45	6:15	1500.0	117.2				
9:10	2:50	1152.7	-1500.0	5:40	6:20	1500.0	156.5				
9:05	2:55	1204.3	-1500.0	5:35	6:25	1500.0	195.9				
9:00	3:00	1258.0	-1500.0	5:30	6:30	1500.0	235.5				
8:55	3:05	1314.1	-1500.0	5:25	6:35	1500.0	275.3				
8:50	3:10	1372.9	-1500.0	5:20	6:40	1500.0	315.4				
8:45	3:15	1434.5	-1500.0	5:15	6:45	1500.0	355.8				
8:40	3:20	1499.2	-1500.0	5:10	6:50	1500.0	396.5				
8:35	3:25	1500.0	-1435.5	5:05	6:55	1500.0	437.7				
8:30	3:30	1500.0	-1372.4	5:00	7:00	1500.0	479.2				