

The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

Horizontal Shadow Plane Sundial

Latitude: 61.0° N/S

Earliest Sunrise: 2:21 a.m. Latest Sunset: 9:39 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	9.5	-500.0	8:25	3:35	500.0	-419.2	4:55	7:05	500.0	166.6
11:50	12:10	19.1	-500.0	8:20	3:40	500.0	-400.3	4:50	7:10	500.0	180.2
11:45	12:15	28.7	-500.0	8:15	3:45	500.0	-382.0	4:45	7:15	500.0	194.1
11:40	12:20	38.3	-500.0	8:10	3:50	500.0	-364.2	4:40	7:20	500.0	208.1
11:35	12:25	47.9	-500.0	8:05	3:55	500.0	-346.9	4:35	7:25	500.0	222.3
11:30	12:30	57.6	-500.0	8:00	4:00	500.0	-330.1	4:30	7:30	500.0	236.8
11:25	12:35	67.3	-500.0	7:55	4:05	500.0	-313.6	4:25	7:35	500.0	251.5
11:20	12:40	77.1	-500.0	7:50	4:10	500.0	-297.6	4:20	7:40	500.0	266.6
11:15	12:45	87.0	-500.0	7:45	4:15	500.0	-281.9	4:15	7:45	500.0	281.9
11:10	12:50	96.9	-500.0	7:40	4:20	500.0	-266.6	4:10	7:50	500.0	297.6
11:05	12:55	107.0	-500.0	7:35	4:25	500.0	-251.5	4:05	7:55	500.0	313.6
11:00	1:00	117.2	-500.0	7:30	4:30	500.0	-236.8	4:00	8:00	500.0	330.1
10:55	1:05	127.5	-500.0	7:25	4:35	500.0	-222.3	3:55	8:05	500.0	346.9
10:50	1:10	137.9	-500.0	7:20	4:40	500.0	-208.1	3:50	8:10	500.0	364.2
10:45	1:15	148.4	-500.0	7:15	4:45	500.0	-194.1	3:45	8:15	500.0	382.0
10:40	1:20	159.2	-500.0	7:10	4:50	500.0	-180.2	3:40	8:20	500.0	400.3
10:35	1:25	170.1	-500.0	7:05	4:55	500.0	-166.6	3:35	8:25	500.0	419.2
10:30	1:30	181.1	-500.0	7:00	5:00	500.0	-153.2	3:30	8:30	500.0	438.7
10:25	1:35	192.4	-500.0	6:55	5:05	500.0	-139.9	3:25	8:35	500.0	458.8
10:20	1:40	203.9	-500.0	6:50	5:10	500.0	-126.7	3:20	8:40	500.0	479.7
10:15	1:45	215.7	-500.0	6:45	5:15	500.0	-113.7	3:15	8:45	498.7	500.0
10:10	1:50	227.6	-500.0	6:40	5:20	500.0	-100.8	3:10	8:50	477.2	500.0
10:05	1:55	239.9	-500.0	6:35	5:25	500.0	-88.0	3:05	8:55	456.8	500.0
10:00	2:00	252.5	-500.0	6:30	5:30	500.0	-75.3	3:00	9:00	437.3	500.0
9:55	2:05	265.4	-500.0	6:25	5:35	500.0	-62.6	2:55	9:05	418.6	500.0
9:50	2:10	278.6	-500.0	6:20	5:40	500.0	-50.0	2:50	9:10	400.7	500.0
9:45	2:15	292.2	-500.0	6:15	5:45	500.0	-37.5	2:45	9:15	383.5	500.0
9:40	2:20	306.2	-500.0	6:10	5:50	500.0	-25.0	2:40	9:20	366.9	500.0
9:35	2:25	320.6	-500.0	6:05	5:55	500.0	-12.5	2:35	9:25	351.0	500.0
9:30	2:30	335.6	-500.0	6:00	6:00	500.0	0.0	2:30	9:30	335.6	500.0
9:25	2:35	351.0	-500.0	5:55	6:05	500.0	12.5	2:25	9:35	320.6	500.0
9:20	2:40	366.9	-500.0	5:50	6:10	500.0	25.0	2:20	9:40	306.2	500.0
9:15	2:45	383.5	-500.0	5:45	6:15	500.0	37.5	2:15	9:45	292.2	500.0
9:10	2:50	400.7	-500.0	5:40	6:20	500.0	50.0				
9:05	2:55	418.6	-500.0	5:35	6:25	500.0	62.6				
9:00	3:00	437.3	-500.0	5:30	6:30	500.0	75.3				
8:55	3:05	456.8	-500.0	5:25	6:35	500.0	88.0				
8:50	3:10	477.2	-500.0	5:20	6:40	500.0	100.8				
8:45	3:15	498.7	-500.0	5:15	6:45	500.0	113.7				
8:40	3:20	500.0	-479.7	5:10	6:50	500.0	126.7				
8:35	3:25	500.0	-458.8	5:05	6:55	500.0	139.9				
8:30	3:30	500.0	-438.7	5:00	7:00	500.0	153.2				

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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	28.6	-1500.0	8:25	3:35	1500.0	-1257.5	4:55	7:05	1500.0	499.9
11:50	12:10	57.3	-1500.0	8:20	3:40	1500.0	-1200.9	4:50	7:10	1500.0	540.7
11:45	12:15	86.0	-1500.0	8:15	3:45	1500.0	-1145.9	4:45	7:15	1500.0	582.2
11:40	12:20	114.8	-1500.0	8:10	3:50	1500.0	-1092.6	4:40	7:20	1500.0	624.2
11:35	12:25	143.7	-1500.0	8:05	3:55	1500.0	-1040.7	4:35	7:25	1500.0	666.9
11:30	12:30	172.7	-1500.0	8:00	4:00	1500.0	-990.2	4:30	7:30	1500.0	710.4
11:25	12:35	201.9	-1500.0	7:55	4:05	1500.0	-940.9	4:25	7:35	1500.0	754.6
11:20	12:40	231.3	-1500.0	7:50	4:10	1500.0	-892.8	4:20	7:40	1500.0	799.7
11:15	12:45	261.0	-1500.0	7:45	4:15	1500.0	-845.8	4:15	7:45	1500.0	845.8
11:10	12:50	290.8	-1500.0	7:40	4:20	1500.0	-799.7	4:10	7:50	1500.0	892.8
11:05	12:55	321.0	-1500.0	7:35	4:25	1500.0	-754.6	4:05	7:55	1500.0	940.9
11:00	1:00	351.5	-1500.0	7:30	4:30	1500.0	-710.4	4:00	8:00	1500.0	990.2
10:55	1:05	382.4	-1500.0	7:25	4:35	1500.0	-666.9	3:55	8:05	1500.0	1040.7
10:50	1:10	413.6	-1500.0	7:20	4:40	1500.0	-624.2	3:50	8:10	1500.0	1092.6
10:45	1:15	445.3	-1500.0	7:15	4:45	1500.0	-582.2	3:45	8:15	1500.0	1145.9
10:40	1:20	477.5	-1500.0	7:10	4:50	1500.0	-540.7	3:40	8:20	1500.0	1200.9
10:35	1:25	510.2	-1500.0	7:05	4:55	1500.0	-499.9	3:35	8:25	1500.0	1257.5
10:30	1:30	543.4	-1500.0	7:00	5:00	1500.0	-459.5	3:30	8:30	1500.0	1316.0
10:25	1:35	577.3	-1500.0	6:55	5:05	1500.0	-419.7	3:25	8:35	1500.0	1376.5
10:20	1:40	611.8	-1500.0	6:50	5:10	1500.0	-380.2	3:20	8:40	1500.0	1439.1
10:15	1:45	647.0	-1500.0	6:45	5:15	1500.0	-341.1	3:15	8:45	1496.0	1500.0
10:10	1:50	682.9	-1500.0	6:40	5:20	1500.0	-302.4	3:10	8:50	1431.7	1500.0
10:05	1:55	719.7	-1500.0	6:35	5:25	1500.0	-264.0	3:05	8:55	1370.5	1500.0
10:00	2:00	757.4	-1500.0	6:30	5:30	1500.0	-225.8	3:00	9:00	1311.9	1500.0
9:55	2:05	796.1	-1500.0	6:25	5:35	1500.0	-187.8	2:55	9:05	1255.9	1500.0
9:50	2:10	835.8	-1500.0	6:20	5:40	1500.0	-150.0	2:50	9:10	1202.2	1500.0
9:45	2:15	876.6	-1500.0	6:15	5:45	1500.0	-112.4	2:45	9:15	1150.5	1500.0
9:40	2:20	918.6	-1500.0	6:10	5:50	1500.0	-74.9	2:40	9:20	1100.8	1500.0
9:35	2:25	961.9	-1500.0	6:05	5:55	1500.0	-37.4	2:35	9:25	1052.9	1500.0
9:30	2:30	1006.7	-1500.0	6:00	6:00	1500.0	0.0	2:30	9:30	1006.7	1500.0
9:25	2:35	1052.9	-1500.0	5:55	6:05	1500.0	37.4	2:25	9:35	961.9	1500.0
9:20	2:40	1100.8	-1500.0	5:50	6:10	1500.0	74.9	2:20	9:40	918.6	1500.0
9:15	2:45	1150.5	-1500.0	5:45	6:15	1500.0	112.4	2:15	9:45	876.6	1500.0
9:10	2:50	1202.2	-1500.0	5:40	6:20	1500.0	150.0				
9:05	2:55	1255.9	-1500.0	5:35	6:25	1500.0	187.8				
9:00	3:00	1311.9	-1500.0	5:30	6:30	1500.0	225.8				
8:55	3:05	1370.5	-1500.0	5:25	6:35	1500.0	264.0				
8:50	3:10	1431.7	-1500.0	5:20	6:40	1500.0	302.4				
8:45	3:15	1496.0	-1500.0	5:15	6:45	1500.0	341.1				
8:40	3:20	1500.0	-1439.1	5:10	6:50	1500.0	380.2				
8:35	3:25	1500.0	-1376.5	5:05	6:55	1500.0	419.7				
8:30	3:30	1500.0	-1316.0	5:00	7:00	1500.0	459.5				