

The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

Horizontal Shadow Plane Sundial

Latitude: 60.5° N/S

Earliest Sunrise: 2:28 a.m. Latest Sunset: 9:32 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	-421.2	4:55	7:05	500.0	167.4
11:50	12:10	19.0	-500.0	8:20	3:40	500.0	-402.3	4:50	7:10	500.0	181.1
11:45	12:15	28.5	-500.0	8:15	3:45	500.0	-383.9	4:45	7:15	500.0	195.0
11:40	12:20	38.1	-500.0	8:10	3:50	500.0	-366.0	4:40	7:20	500.0	209.1
11:35	12:25	47.7	-500.0	8:05	3:55	500.0	-348.6	4:35	7:25	500.0	223.4
11:30	12:30	57.3	-500.0	8:00	4:00	500.0	-331.7	4:30	7:30	500.0	238.0
11:25	12:35	67.0	-500.0	7:55	4:05	500.0	-315.2	4:25	7:35	500.0	252.8
11:20	12:40	76.7	-500.0	7:50	4:10	500.0	-299.1	4:20	7:40	500.0	267.9
11:15	12:45	86.6	-500.0	7:45	4:15	500.0	-283.3	4:15	7:45	500.0	283.3
11:10	12:50	96.5	-500.0	7:40	4:20	500.0	-267.9	4:10	7:50	500.0	299.1
11:05	12:55	106.5	-500.0	7:35	4:25	500.0	-252.8	4:05	7:55	500.0	315.2
11:00	1:00	116.6	-500.0	7:30	4:30	500.0	-238.0	4:00	8:00	500.0	331.7
10:55	1:05	126.8	-500.0	7:25	4:35	500.0	-223.4	3:55	8:05	500.0	348.6
10:50	1:10	137.2	-500.0	7:20	4:40	500.0	-209.1	3:50	8:10	500.0	366.0
10:45	1:15	147.7	-500.0	7:15	4:45	500.0	-195.0	3:45	8:15	500.0	383.9
10:40	1:20	158.4	-500.0	7:10	4:50	500.0	-181.1	3:40	8:20	500.0	402.3
10:35	1:25	169.2	-500.0	7:05	4:55	500.0	-167.4	3:35	8:25	500.0	421.2
10:30	1:30	180.3	-500.0	7:00	5:00	500.0	-153.9	3:30	8:30	500.0	440.8
10:25	1:35	191.5	-500.0	6:55	5:05	500.0	-140.6	3:25	8:35	500.0	461.1
10:20	1:40	202.9	-500.0	6:50	5:10	500.0	-127.4	3:20	8:40	500.0	482.0
10:15	1:45	214.6	-500.0	6:45	5:15	500.0	-114.3	3:15	8:45	496.2	500.0
10:10	1:50	226.5	-500.0	6:40	5:20	500.0	-101.3	3:10	8:50	474.9	500.0
10:05	1:55	238.7	-500.0	6:35	5:25	500.0	-88.4	3:05	8:55	454.6	500.0
10:00	2:00	251.3	-500.0	6:30	5:30	500.0	-75.6	3:00	9:00	435.2	500.0
9:55	2:05	264.1	-500.0	6:25	5:35	500.0	-62.9	2:55	9:05	416.6	500.0
9:50	2:10	277.2	-500.0	6:20	5:40	500.0	-50.3	2:50	9:10	398.8	500.0
9:45	2:15	290.8	-500.0	6:15	5:45	500.0	-37.7	2:45	9:15	381.6	500.0
9:40	2:20	304.7	-500.0	6:10	5:50	500.0	-25.1	2:40	9:20	365.2	500.0
9:35	2:25	319.1	-500.0	6:05	5:55	500.0	-12.5	2:35	9:25	349.3	500.0
9:30	2:30	333.9	-500.0	6:00	6:00	500.0	0.0	2:30	9:30	333.9	500.0
9:25	2:35	349.3	-500.0	5:55	6:05	500.0	12.5	2:25	9:35	319.1	500.0
9:20	2:40	365.2	-500.0	5:50	6:10	500.0	25.1	2:20	9:40	304.7	500.0
9:15	2:45	381.6	-500.0	5:45	6:15	500.0	37.7	2:15	9:45	290.8	500.0
9:10	2:50	398.8	-500.0	5:40	6:20	500.0	50.3				
9:05	2:55	416.6	-500.0	5:35	6:25	500.0	62.9				
9:00	3:00	435.2	-500.0	5:30	6:30	500.0	75.6				
8:55	3:05	454.6	-500.0	5:25	6:35	500.0	88.4				
8:50	3:10	474.9	-500.0	5:20	6:40	500.0	101.3				
8:45	3:15	496.2	-500.0	5:15	6:45	500.0	114.3				
8:40	3:20	500.0	-482.0	5:10	6:50	500.0	127.4				
8:35	3:25	500.0	-461.1	5:05	6:55	500.0	140.6				
8:30	3:30	500.0	-440.8	5:00	7:00	500.0	153.9				

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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	28.5	-1500.0	8:25	3:35	1500.0	-1263.7	4:55	7:05	1500.0	502.3
11:50	12:10	57.0	-1500.0	8:20	3:40	1500.0	-1206.8	4:50	7:10	1500.0	543.4
11:45	12:15	85.6	-1500.0	8:15	3:45	1500.0	-1151.6	4:45	7:15	1500.0	585.0
11:40	12:20	114.2	-1500.0	8:10	3:50	1500.0	-1097.9	4:40	7:20	1500.0	627.3
11:35	12:25	143.0	-1500.0	8:05	3:55	1500.0	-1045.8	4:35	7:25	1500.0	670.2
11:30	12:30	171.9	-1500.0	8:00	4:00	1500.0	-995.0	4:30	7:30	1500.0	713.9
11:25	12:35	200.9	-1500.0	7:55	4:05	1500.0	-945.5	4:25	7:35	1500.0	758.3
11:20	12:40	230.2	-1500.0	7:50	4:10	1500.0	-897.2	4:20	7:40	1500.0	803.7
11:15	12:45	259.7	-1500.0	7:45	4:15	1500.0	-849.9	4:15	7:45	1500.0	849.9
11:10	12:50	289.4	-1500.0	7:40	4:20	1500.0	-803.7	4:10	7:50	1500.0	897.2
11:05	12:55	319.5	-1500.0	7:35	4:25	1500.0	-758.3	4:05	7:55	1500.0	945.5
11:00	1:00	349.8	-1500.0	7:30	4:30	1500.0	-713.9	4:00	8:00	1500.0	995.0
10:55	1:05	380.5	-1500.0	7:25	4:35	1500.0	-670.2	3:55	8:05	1500.0	1045.8
10:50	1:10	411.6	-1500.0	7:20	4:40	1500.0	-627.3	3:50	8:10	1500.0	1097.9
10:45	1:15	443.2	-1500.0	7:15	4:45	1500.0	-585.0	3:45	8:15	1500.0	1151.6
10:40	1:20	475.2	-1500.0	7:10	4:50	1500.0	-543.4	3:40	8:20	1500.0	1206.8
10:35	1:25	507.7	-1500.0	7:05	4:55	1500.0	-502.3	3:35	8:25	1500.0	1263.7
10:30	1:30	540.8	-1500.0	7:00	5:00	1500.0	-461.8	3:30	8:30	1500.0	1322.4
10:25	1:35	574.4	-1500.0	6:55	5:05	1500.0	-421.7	3:25	8:35	1500.0	1383.2
10:20	1:40	608.8	-1500.0	6:50	5:10	1500.0	-382.1	3:20	8:40	1500.0	1446.1
10:15	1:45	643.8	-1500.0	6:45	5:15	1500.0	-342.8	3:15	8:45	1488.7	1500.0
10:10	1:50	679.6	-1500.0	6:40	5:20	1500.0	-303.9	3:10	8:50	1424.7	1500.0
10:05	1:55	716.2	-1500.0	6:35	5:25	1500.0	-265.3	3:05	8:55	1363.8	1500.0
10:00	2:00	753.8	-1500.0	6:30	5:30	1500.0	-226.9	3:00	9:00	1305.5	1500.0
9:55	2:05	792.2	-1500.0	6:25	5:35	1500.0	-188.7	2:55	9:05	1249.8	1500.0
9:50	2:10	831.7	-1500.0	6:20	5:40	1500.0	-150.8	2:50	9:10	1196.3	1500.0
9:45	2:15	872.3	-1500.0	6:15	5:45	1500.0	-113.0	2:45	9:15	1144.9	1500.0
9:40	2:20	914.1	-1500.0	6:10	5:50	1500.0	-75.2	2:40	9:20	1095.5	1500.0
9:35	2:25	957.3	-1500.0	6:05	5:55	1500.0	-37.6	2:35	9:25	1047.8	1500.0
9:30	2:30	1001.8	-1500.0	6:00	6:00	1500.0	0.0	2:30	9:30	1001.8	1500.0
9:25	2:35	1047.8	-1500.0	5:55	6:05	1500.0	37.6	2:25	9:35	957.3	1500.0
9:20	2:40	1095.5	-1500.0	5:50	6:10	1500.0	75.2	2:20	9:40	914.1	1500.0
9:15	2:45	1144.9	-1500.0	5:45	6:15	1500.0	113.0	2:15	9:45	872.3	1500.0
9:10	2:50	1196.3	-1500.0	5:40	6:20	1500.0	150.8				
9:05	2:55	1249.8	-1500.0	5:35	6:25	1500.0	188.7				
9:00	3:00	1305.5	-1500.0	5:30	6:30	1500.0	226.9				
8:55	3:05	1363.8	-1500.0	5:25	6:35	1500.0	265.3				
8:50	3:10	1424.7	-1500.0	5:20	6:40	1500.0	303.9				
8:45	3:15	1488.7	-1500.0	5:15	6:45	1500.0	342.8				
8:40	3:20	1500.0	-1446.1	5:10	6:50	1500.0	382.1				
8:35	3:25	1500.0	-1383.2	5:05	6:55	1500.0	421.7				
8:30	3:30	1500.0	-1322.4	5:00	7:00	1500.0	461.8				