

The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

Horizontal Shadow Plane Sundial

Latitude: 56.5° N/S

Earliest Sunrise: 3:08 a.m. Latest Sunset: 8:52 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	-439.6	4:55	7:05	500.0	174.8
11:50	12:10	18.2	-500.0	8:20	3:40	500.0	-419.8	4:50	7:10	500.0	189.1
11:45	12:15	27.3	-500.0	8:15	3:45	500.0	-400.6	4:45	7:15	500.0	203.5
11:40	12:20	36.5	-500.0	8:10	3:50	500.0	-382.0	4:40	7:20	500.0	218.2
11:35	12:25	45.7	-500.0	8:05	3:55	500.0	-363.8	4:35	7:25	500.0	233.2
11:30	12:30	54.9	-500.0	8:00	4:00	500.0	-346.2	4:30	7:30	500.0	248.4
11:25	12:35	64.2	-500.0	7:55	4:05	500.0	-329.0	4:25	7:35	500.0	263.8
11:20	12:40	73.5	-500.0	7:50	4:10	500.0	-312.1	4:20	7:40	500.0	279.6
11:15	12:45	82.9	-500.0	7:45	4:15	500.0	-295.7	4:15	7:45	500.0	295.7
11:10	12:50	92.4	-500.0	7:40	4:20	500.0	-279.6	4:10	7:50	500.0	312.1
11:05	12:55	102.0	-500.0	7:35	4:25	500.0	-263.8	4:05	7:55	500.0	329.0
11:00	1:00	111.7	-500.0	7:30	4:30	500.0	-248.4	4:00	8:00	500.0	346.2
10:55	1:05	121.5	-500.0	7:25	4:35	500.0	-233.2	3:55	8:05	500.0	363.8
10:50	1:10	131.5	-500.0	7:20	4:40	500.0	-218.2	3:50	8:10	500.0	382.0
10:45	1:15	141.5	-500.0	7:15	4:45	500.0	-203.5	3:45	8:15	500.0	400.6
10:40	1:20	151.8	-500.0	7:10	4:50	500.0	-189.1	3:40	8:20	500.0	419.8
10:35	1:25	162.1	-500.0	7:05	4:55	500.0	-174.8	3:35	8:25	500.0	439.6
10:30	1:30	172.7	-500.0	7:00	5:00	500.0	-160.7	3:30	8:30	500.0	460.1
10:25	1:35	183.5	-500.0	6:55	5:05	500.0	-146.7	3:25	8:35	500.0	481.2
10:20	1:40	194.4	-500.0	6:50	5:10	500.0	-132.9	3:20	8:40	496.9	500.0
10:15	1:45	205.6	-500.0	6:45	5:15	500.0	-119.3	3:15	8:45	475.4	500.0
10:10	1:50	217.0	-500.0	6:40	5:20	500.0	-105.7	3:10	8:50	455.0	500.0
10:05	1:55	228.7	-500.0	6:35	5:25	500.0	-92.3	3:05	8:55	435.5	500.0
10:00	2:00	240.7	-500.0	6:30	5:30	500.0	-78.9	3:00	9:00	416.9	500.0
9:55	2:05	253.0	-500.0	6:25	5:35	500.0	-65.7				
9:50	2:10	265.6	-500.0	6:20	5:40	500.0	-52.5				
9:45	2:15	278.6	-500.0	6:15	5:45	500.0	-39.3				
9:40	2:20	291.9	-500.0	6:10	5:50	500.0	-26.2				
9:35	2:25	305.7	-500.0	6:05	5:55	500.0	-13.1				
9:30	2:30	319.9	-500.0	6:00	6:00	500.0	0.0				
9:25	2:35	334.6	-500.0	5:55	6:05	500.0	13.1				
9:20	2:40	349.9	-500.0	5:50	6:10	500.0	26.2				
9:15	2:45	365.6	-500.0	5:45	6:15	500.0	39.3				
9:10	2:50	382.1	-500.0	5:40	6:20	500.0	52.5				
9:05	2:55	399.1	-500.0	5:35	6:25	500.0	65.7				
9:00	3:00	416.9	-500.0	5:30	6:30	500.0	78.9				
8:55	3:05	435.5	-500.0	5:25	6:35	500.0	92.3				
8:50	3:10	455.0	-500.0	5:20	6:40	500.0	105.7				
8:45	3:15	475.4	-500.0	5:15	6:45	500.0	119.3				
8:40	3:20	496.9	-500.0	5:10	6:50	500.0	132.9				
8:35	3:25	500.0	-481.2	5:05	6:55	500.0	146.7				
8:30	3:30	500.0	-460.1	5:00	7:00	500.0	160.7				

The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

Horizontal Shadow Plane Sundial

Latitude: 56.5° N/S

Earliest Sunrise: 3:08 a.m. Latest Sunset: 8:52 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	27.3	-1500.0	8:25	3:35	1500.0	-1318.9	4:55	7:05	1500.0	524.3
11:50	12:10	54.6	-1500.0	8:20	3:40	1500.0	-1259.5	4:50	7:10	1500.0	567.2
11:45	12:15	82.0	-1500.0	8:15	3:45	1500.0	-1201.9	4:45	7:15	1500.0	610.6
11:40	12:20	109.4	-1500.0	8:10	3:50	1500.0	-1146.0	4:40	7:20	1500.0	654.7
11:35	12:25	137.0	-1500.0	8:05	3:55	1500.0	-1091.5	4:35	7:25	1500.0	699.5
11:30	12:30	164.7	-1500.0	8:00	4:00	1500.0	-1038.5	4:30	7:30	1500.0	745.1
11:25	12:35	192.5	-1500.0	7:55	4:05	1500.0	-986.9	4:25	7:35	1500.0	791.5
11:20	12:40	220.6	-1500.0	7:50	4:10	1500.0	-936.4	4:20	7:40	1500.0	838.8
11:15	12:45	248.8	-1500.0	7:45	4:15	1500.0	-887.1	4:15	7:45	1500.0	887.1
11:10	12:50	277.3	-1500.0	7:40	4:20	1500.0	-838.8	4:10	7:50	1500.0	936.4
11:05	12:55	306.1	-1500.0	7:35	4:25	1500.0	-791.5	4:05	7:55	1500.0	986.9
11:00	1:00	335.2	-1500.0	7:30	4:30	1500.0	-745.1	4:00	8:00	1500.0	1038.5
10:55	1:05	364.6	-1500.0	7:25	4:35	1500.0	-699.5	3:55	8:05	1500.0	1091.5
10:50	1:10	394.4	-1500.0	7:20	4:40	1500.0	-654.7	3:50	8:10	1500.0	1146.0
10:45	1:15	424.6	-1500.0	7:15	4:45	1500.0	-610.6	3:45	8:15	1500.0	1201.9
10:40	1:20	455.3	-1500.0	7:10	4:50	1500.0	-567.2	3:40	8:20	1500.0	1259.5
10:35	1:25	486.4	-1500.0	7:05	4:55	1500.0	-524.3	3:35	8:25	1500.0	1318.9
10:30	1:30	518.1	-1500.0	7:00	5:00	1500.0	-482.0	3:30	8:30	1500.0	1380.3
10:25	1:35	550.4	-1500.0	6:55	5:05	1500.0	-440.2	3:25	8:35	1500.0	1443.7
10:20	1:40	583.3	-1500.0	6:50	5:10	1500.0	-398.8	3:20	8:40	1490.7	1500.0
10:15	1:45	616.8	-1500.0	6:45	5:15	1500.0	-357.8	3:15	8:45	1426.3	1500.0
10:10	1:50	651.1	-1500.0	6:40	5:20	1500.0	-317.2	3:10	8:50	1365.0	1500.0
10:05	1:55	686.2	-1500.0	6:35	5:25	1500.0	-276.9	3:05	8:55	1306.6	1500.0
10:00	2:00	722.2	-1500.0	6:30	5:30	1500.0	-236.8	3:00	9:00	1250.8	1500.0
9:55	2:05	759.0	-1500.0	6:25	5:35	1500.0	-197.0				
9:50	2:10	796.9	-1500.0	6:20	5:40	1500.0	-157.4				
9:45	2:15	835.8	-1500.0	6:15	5:45	1500.0	-117.9				
9:40	2:20	875.8	-1500.0	6:10	5:50	1500.0	-78.5				
9:35	2:25	917.1	-1500.0	6:05	5:55	1500.0	-39.3				
9:30	2:30	959.8	-1500.0	6:00	6:00	1500.0	0.0				
9:25	2:35	1003.9	-1500.0	5:55	6:05	1500.0	39.3				
9:20	2:40	1049.6	-1500.0	5:50	6:10	1500.0	78.5				
9:15	2:45	1096.9	-1500.0	5:45	6:15	1500.0	117.9				
9:10	2:50	1146.2	-1500.0	5:40	6:20	1500.0	157.4				
9:05	2:55	1197.4	-1500.0	5:35	6:25	1500.0	197.0				
9:00	3:00	1250.8	-1500.0	5:30	6:30	1500.0	236.8				
8:55	3:05	1306.6	-1500.0	5:25	6:35	1500.0	276.9				
8:50	3:10	1365.0	-1500.0	5:20	6:40	1500.0	317.2				
8:45	3:15	1426.3	-1500.0	5:15	6:45	1500.0	357.8				
8:40	3:20	1490.7	-1500.0	5:10	6:50	1500.0	398.8				
8:35	3:25	1500.0	-1443.7	5:05	6:55	1500.0	440.2				
8:30	3:30	1500.0	-1380.3	5:00	7:00	1500.0	482.0				