

The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

Horizontal Shadow Plane Sundial

Latitude: 56.0° N/S

Earliest Sunrise: 3:12 a.m. Latest Sunset: 8:48 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	9.0	-500.0	8:25	3:35	500.0	-442.2	4:55	7:05	500.0	175.8
11:50	12:10	18.1	-500.0	8:20	3:40	500.0	-422.3	4:50	7:10	500.0	190.2
11:45	12:15	27.2	-500.0	8:15	3:45	500.0	-403.0	4:45	7:15	500.0	204.7
11:40	12:20	36.3	-500.0	8:10	3:50	500.0	-384.2	4:40	7:20	500.0	219.5
11:35	12:25	45.4	-500.0	8:05	3:55	500.0	-366.0	4:35	7:25	500.0	234.5
11:30	12:30	54.6	-500.0	8:00	4:00	500.0	-348.2	4:30	7:30	500.0	249.8
11:25	12:35	63.8	-500.0	7:55	4:05	500.0	-330.9	4:25	7:35	500.0	265.4
11:20	12:40	73.1	-500.0	7:50	4:10	500.0	-314.0	4:20	7:40	500.0	281.2
11:15	12:45	82.5	-500.0	7:45	4:15	500.0	-297.4	4:15	7:45	500.0	297.4
11:10	12:50	91.9	-500.0	7:40	4:20	500.0	-281.2	4:10	7:50	500.0	314.0
11:05	12:55	101.4	-500.0	7:35	4:25	500.0	-265.4	4:05	7:55	500.0	330.9
11:00	1:00	111.1	-500.0	7:30	4:30	500.0	-249.8	4:00	8:00	500.0	348.2
10:55	1:05	120.8	-500.0	7:25	4:35	500.0	-234.5	3:55	8:05	500.0	366.0
10:50	1:10	130.7	-500.0	7:20	4:40	500.0	-219.5	3:50	8:10	500.0	384.2
10:45	1:15	140.7	-500.0	7:15	4:45	500.0	-204.7	3:45	8:15	500.0	403.0
10:40	1:20	150.9	-500.0	7:10	4:50	500.0	-190.2	3:40	8:20	500.0	422.3
10:35	1:25	161.2	-500.0	7:05	4:55	500.0	-175.8	3:35	8:25	500.0	442.2
10:30	1:30	171.7	-500.0	7:00	5:00	500.0	-161.6	3:30	8:30	500.0	462.8
10:25	1:35	182.4	-500.0	6:55	5:05	500.0	-147.6	3:25	8:35	500.0	484.0
10:20	1:40	193.3	-500.0	6:50	5:10	500.0	-133.7	3:20	8:40	494.0	500.0
10:15	1:45	204.4	-500.0	6:45	5:15	500.0	-120.0	3:15	8:45	472.7	500.0
10:10	1:50	215.8	-500.0	6:40	5:20	500.0	-106.3	3:10	8:50	452.4	500.0
10:05	1:55	227.4	-500.0	6:35	5:25	500.0	-92.8	3:05	8:55	433.0	500.0
10:00	2:00	239.3	-500.0	6:30	5:30	500.0	-79.4	3:00	9:00	414.5	500.0
9:55	2:05	251.5	-500.0	6:25	5:35	500.0	-66.1				
9:50	2:10	264.1	-500.0	6:20	5:40	500.0	-52.8				
9:45	2:15	277.0	-500.0	6:15	5:45	500.0	-39.5				
9:40	2:20	290.2	-500.0	6:10	5:50	500.0	-26.3				
9:35	2:25	303.9	-500.0	6:05	5:55	500.0	-13.2				
9:30	2:30	318.1	-500.0	6:00	6:00	500.0	0.0				
9:25	2:35	332.7	-500.0	5:55	6:05	500.0	13.2				
9:20	2:40	347.8	-500.0	5:50	6:10	500.0	26.3				
9:15	2:45	363.5	-500.0	5:45	6:15	500.0	39.5				
9:10	2:50	379.8	-500.0	5:40	6:20	500.0	52.8				
9:05	2:55	396.8	-500.0	5:35	6:25	500.0	66.1				
9:00	3:00	414.5	-500.0	5:30	6:30	500.0	79.4				
8:55	3:05	433.0	-500.0	5:25	6:35	500.0	92.8				
8:50	3:10	452.4	-500.0	5:20	6:40	500.0	106.3				
8:45	3:15	472.7	-500.0	5:15	6:45	500.0	120.0				
8:40	3:20	494.0	-500.0	5:10	6:50	500.0	133.7				
8:35	3:25	500.0	-484.0	5:05	6:55	500.0	147.6				
8:30	3:30	500.0	-462.8	5:00	7:00	500.0	161.6				

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Latitude: 56.0° N/S

Earliest Sunrise: 3:12 a.m. Latest Sunset: 8:48 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	27.1	-1500.0	8:25	3:35	1500.0	-1326.7	4:55	7:05	1500.0	527.4
11:50	12:10	54.3	-1500.0	8:20	3:40	1500.0	-1266.9	4:50	7:10	1500.0	570.5
11:45	12:15	81.5	-1500.0	8:15	3:45	1500.0	-1209.0	4:45	7:15	1500.0	614.2
11:40	12:20	108.8	-1500.0	8:10	3:50	1500.0	-1152.7	4:40	7:20	1500.0	658.5
11:35	12:25	136.2	-1500.0	8:05	3:55	1500.0	-1097.9	4:35	7:25	1500.0	703.6
11:30	12:30	163.7	-1500.0	8:00	4:00	1500.0	-1044.6	4:30	7:30	1500.0	749.4
11:25	12:35	191.4	-1500.0	7:55	4:05	1500.0	-992.6	4:25	7:35	1500.0	796.1
11:20	12:40	219.3	-1500.0	7:50	4:10	1500.0	-941.9	4:20	7:40	1500.0	843.7
11:15	12:45	247.4	-1500.0	7:45	4:15	1500.0	-892.3	4:15	7:45	1500.0	892.3
11:10	12:50	275.7	-1500.0	7:40	4:20	1500.0	-843.7	4:10	7:50	1500.0	941.9
11:05	12:55	304.3	-1500.0	7:35	4:25	1500.0	-796.1	4:05	7:55	1500.0	992.6
11:00	1:00	333.2	-1500.0	7:30	4:30	1500.0	-749.4	4:00	8:00	1500.0	1044.6
10:55	1:05	362.5	-1500.0	7:25	4:35	1500.0	-703.6	3:55	8:05	1500.0	1097.9
10:50	1:10	392.1	-1500.0	7:20	4:40	1500.0	-658.5	3:50	8:10	1500.0	1152.7
10:45	1:15	422.1	-1500.0	7:15	4:45	1500.0	-614.2	3:45	8:15	1500.0	1209.0
10:40	1:20	452.6	-1500.0	7:10	4:50	1500.0	-570.5	3:40	8:20	1500.0	1266.9
10:35	1:25	483.6	-1500.0	7:05	4:55	1500.0	-527.4	3:35	8:25	1500.0	1326.7
10:30	1:30	515.1	-1500.0	7:00	5:00	1500.0	-484.8	3:30	8:30	1500.0	1388.3
10:25	1:35	547.2	-1500.0	6:55	5:05	1500.0	-442.7	3:25	8:35	1500.0	1452.1
10:20	1:40	579.9	-1500.0	6:50	5:10	1500.0	-401.1	3:20	8:40	1482.0	1500.0
10:15	1:45	613.3	-1500.0	6:45	5:15	1500.0	-359.9	3:15	8:45	1418.0	1500.0
10:10	1:50	647.4	-1500.0	6:40	5:20	1500.0	-319.0	3:10	8:50	1357.1	1500.0
10:05	1:55	682.2	-1500.0	6:35	5:25	1500.0	-278.5	3:05	8:55	1299.0	1500.0
10:00	2:00	718.0	-1500.0	6:30	5:30	1500.0	-238.2	3:00	9:00	1243.6	1500.0
9:55	2:05	754.6	-1500.0	6:25	5:35	1500.0	-198.2				
9:50	2:10	792.2	-1500.0	6:20	5:40	1500.0	-158.3				
9:45	2:15	830.9	-1500.0	6:15	5:45	1500.0	-118.6				
9:40	2:20	870.7	-1500.0	6:10	5:50	1500.0	-79.0				
9:35	2:25	911.8	-1500.0	6:05	5:55	1500.0	-39.5				
9:30	2:30	954.2	-1500.0	6:00	6:00	1500.0	0.0				
9:25	2:35	998.1	-1500.0	5:55	6:05	1500.0	39.5				
9:20	2:40	1043.5	-1500.0	5:50	6:10	1500.0	79.0				
9:15	2:45	1090.6	-1500.0	5:45	6:15	1500.0	118.6				
9:10	2:50	1139.5	-1500.0	5:40	6:20	1500.0	158.3				
9:05	2:55	1190.4	-1500.0	5:35	6:25	1500.0	198.2				
9:00	3:00	1243.6	-1500.0	5:30	6:30	1500.0	238.2				
8:55	3:05	1299.0	-1500.0	5:25	6:35	1500.0	278.5				
8:50	3:10	1357.1	-1500.0	5:20	6:40	1500.0	319.0				
8:45	3:15	1418.0	-1500.0	5:15	6:45	1500.0	359.9				
8:40	3:20	1482.0	-1500.0	5:10	6:50	1500.0	401.1				
8:35	3:25	1500.0	-1452.1	5:05	6:55	1500.0	442.7				
8:30	3:30	1500.0	-1388.3	5:00	7:00	1500.0	484.8				