

The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

Horizontal Shadow Plane Sundial

Latitude: 36.0° N/S

Earliest Sunrise: 4:42 a.m. Latest Sunset: 7:18 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	6.4	-500.0	8:25	3:35	400.8	-500.0	4:55	7:05	500.0	247.9
11:50	12:10	12.8	-500.0	8:20	3:40	419.7	-500.0	4:50	7:10	500.0	268.2
11:45	12:15	19.3	-500.0	8:15	3:45	439.8	-500.0	4:45	7:15	500.0	288.8
11:40	12:20	25.7	-500.0	8:10	3:50	461.3	-500.0	4:40	7:20	500.0	309.6
11:35	12:25	32.2	-500.0	8:05	3:55	484.3	-500.0	4:35	7:25	500.0	330.8
11:30	12:30	38.7	-500.0	8:00	4:00	500.0	-491.1	4:30	7:30	500.0	352.4
11:25	12:35	45.2	-500.0	7:55	4:05	500.0	-466.7				
11:20	12:40	51.8	-500.0	7:50	4:10	500.0	-442.8				
11:15	12:45	58.5	-500.0	7:45	4:15	500.0	-419.5				
11:10	12:50	65.2	-500.0	7:40	4:20	500.0	-396.7				
11:05	12:55	71.9	-500.0	7:35	4:25	500.0	-374.3				
11:00	1:00	78.7	-500.0	7:30	4:30	500.0	-352.4				
10:55	1:05	85.7	-500.0	7:25	4:35	500.0	-330.8				
10:50	1:10	92.7	-500.0	7:20	4:40	500.0	-309.6				
10:45	1:15	99.8	-500.0	7:15	4:45	500.0	-288.8				
10:40	1:20	107.0	-500.0	7:10	4:50	500.0	-268.2				
10:35	1:25	114.3	-500.0	7:05	4:55	500.0	-247.9				
10:30	1:30	121.7	-500.0	7:00	5:00	500.0	-227.9				
10:25	1:35	129.3	-500.0	6:55	5:05	500.0	-208.2				
10:20	1:40	137.0	-500.0	6:50	5:10	500.0	-188.6				
10:15	1:45	144.9	-500.0	6:45	5:15	500.0	-169.2				
10:10	1:50	153.0	-500.0	6:40	5:20	500.0	-150.0				
10:05	1:55	161.2	-500.0	6:35	5:25	500.0	-130.9				
10:00	2:00	169.7	-500.0	6:30	5:30	500.0	-112.0				
9:55	2:05	178.3	-500.0	6:25	5:35	500.0	-93.2				
9:50	2:10	187.2	-500.0	6:20	5:40	500.0	-74.4				
9:45	2:15	196.4	-500.0	6:15	5:45	500.0	-55.8				
9:40	2:20	205.8	-500.0	6:10	5:50	500.0	-37.1				
9:35	2:25	215.5	-500.0	6:05	5:55	500.0	-18.6				
9:30	2:30	225.5	-500.0	6:00	6:00	500.0	0.0				
9:25	2:35	235.9	-500.0	5:55	6:05	500.0	18.6				
9:20	2:40	246.6	-500.0	5:50	6:10	500.0	37.1				
9:15	2:45	257.7	-500.0	5:45	6:15	500.0	55.8				
9:10	2:50	269.3	-500.0	5:40	6:20	500.0	74.4				
9:05	2:55	281.3	-500.0	5:35	6:25	500.0	93.2				
9:00	3:00	293.9	-500.0	5:30	6:30	500.0	112.0				
8:55	3:05	307.0	-500.0	5:25	6:35	500.0	130.9				
8:50	3:10	320.7	-500.0	5:20	6:40	500.0	150.0				
8:45	3:15	335.1	-500.0	5:15	6:45	500.0	169.2				
8:40	3:20	350.2	-500.0	5:10	6:50	500.0	188.6				
8:35	3:25	366.2	-500.0	5:05	6:55	500.0	208.2				
8:30	3:30	383.0	-500.0	5:00	7:00	500.0	227.9				

The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

Horizontal Shadow Plane Sundial

Latitude: 36.0° N/S

Earliest Sunrise: 4:42 a.m. Latest Sunset: 7:18 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	19.2	-1500.0	8:25	3:35	1202.5	-1500.0	4:55	7:05	1500.0	743.8
11:50	12:10	38.5	-1500.0	8:20	3:40	1259.2	-1500.0	4:50	7:10	1500.0	804.6
11:45	12:15	57.8	-1500.0	8:15	3:45	1319.5	-1500.0	4:45	7:15	1500.0	866.3
11:40	12:20	77.1	-1500.0	8:10	3:50	1384.0	-1500.0	4:40	7:20	1500.0	928.8
11:35	12:25	96.6	-1500.0	8:05	3:55	1453.0	-1500.0	4:35	7:25	1500.0	992.4
11:30	12:30	116.1	-1500.0	8:00	4:00	1500.0	-1473.4	4:30	7:30	1500.0	1057.1
11:25	12:35	135.7	-1500.0	7:55	4:05	1500.0	-1400.0				
11:20	12:40	155.5	-1500.0	7:50	4:10	1500.0	-1328.5				
11:15	12:45	175.4	-1500.0	7:45	4:15	1500.0	-1258.5				
11:10	12:50	195.5	-1500.0	7:40	4:20	1500.0	-1190.0				
11:05	12:55	215.7	-1500.0	7:35	4:25	1500.0	-1122.9				
11:00	1:00	236.2	-1500.0	7:30	4:30	1500.0	-1057.1				
10:55	1:05	257.0	-1500.0	7:25	4:35	1500.0	-992.4				
10:50	1:10	278.0	-1500.0	7:20	4:40	1500.0	-928.8				
10:45	1:15	299.3	-1500.0	7:15	4:45	1500.0	-866.3				
10:40	1:20	320.9	-1500.0	7:10	4:50	1500.0	-804.6				
10:35	1:25	342.9	-1500.0	7:05	4:55	1500.0	-743.8				
10:30	1:30	365.2	-1500.0	7:00	5:00	1500.0	-683.8				
10:25	1:35	387.9	-1500.0	6:55	5:05	1500.0	-624.5				
10:20	1:40	411.1	-1500.0	6:50	5:10	1500.0	-565.8				
10:15	1:45	434.8	-1500.0	6:45	5:15	1500.0	-507.6				
10:10	1:50	459.0	-1500.0	6:40	5:20	1500.0	-450.0				
10:05	1:55	483.7	-1500.0	6:35	5:25	1500.0	-392.8				
10:00	2:00	509.0	-1500.0	6:30	5:30	1500.0	-336.0				
9:55	2:05	535.0	-1500.0	6:25	5:35	1500.0	-279.5				
9:50	2:10	561.7	-1500.0	6:20	5:40	1500.0	-223.3				
9:45	2:15	589.1	-1500.0	6:15	5:45	1500.0	-167.3				
9:40	2:20	617.4	-1500.0	6:10	5:50	1500.0	-111.4				
9:35	2:25	646.5	-1500.0	6:05	5:55	1500.0	-55.7				
9:30	2:30	676.5	-1500.0	6:00	6:00	1500.0	0.0				
9:25	2:35	707.6	-1500.0	5:55	6:05	1500.0	55.7				
9:20	2:40	739.8	-1500.0	5:50	6:10	1500.0	111.4				
9:15	2:45	773.2	-1500.0	5:45	6:15	1500.0	167.3				
9:10	2:50	807.9	-1500.0	5:40	6:20	1500.0	223.3				
9:05	2:55	844.0	-1500.0	5:35	6:25	1500.0	279.5				
9:00	3:00	881.7	-1500.0	5:30	6:30	1500.0	336.0				
8:55	3:05	921.0	-1500.0	5:25	6:35	1500.0	392.8				
8:50	3:10	962.2	-1500.0	5:20	6:40	1500.0	450.0				
8:45	3:15	1005.4	-1500.0	5:15	6:45	1500.0	507.6				
8:40	3:20	1050.7	-1500.0	5:10	6:50	1500.0	565.8				
8:35	3:25	1098.5	-1500.0	5:05	6:55	1500.0	624.5				
8:30	3:30	1149.0	-1500.0	5:00	7:00	1500.0	683.8				