

The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

Horizontal Shadow Plane Sundial

Latitude: 35.5° N/S

Earliest Sunrise: 4:43 a.m. Latest Sunset: 7:17 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	6.3	-500.0	8:25	3:35	396.0	-500.0	4:55	7:05	500.0	251.0
11:50	12:10	12.7	-500.0	8:20	3:40	414.7	-500.0	4:50	7:10	500.0	271.5
11:45	12:15	19.0	-500.0	8:15	3:45	434.5	-500.0	4:45	7:15	500.0	292.3
11:40	12:20	25.4	-500.0	8:10	3:50	455.8	-500.0	4:40	7:20	500.0	313.4
11:35	12:25	31.8	-500.0	8:05	3:55	478.5	-500.0	4:35	7:25	500.0	334.8
11:30	12:30	38.2	-500.0	8:00	4:00	500.0	-497.1	4:30	7:30	500.0	356.6
11:25	12:35	44.7	-500.0	7:55	4:05	500.0	-472.4				
11:20	12:40	51.2	-500.0	7:50	4:10	500.0	-448.2				
11:15	12:45	57.8	-500.0	7:45	4:15	500.0	-424.6				
11:10	12:50	64.4	-500.0	7:40	4:20	500.0	-401.5				
11:05	12:55	71.0	-500.0	7:35	4:25	500.0	-378.9				
11:00	1:00	77.8	-500.0	7:30	4:30	500.0	-356.6				
10:55	1:05	84.6	-500.0	7:25	4:35	500.0	-334.8				
10:50	1:10	91.5	-500.0	7:20	4:40	500.0	-313.4				
10:45	1:15	98.6	-500.0	7:15	4:45	500.0	-292.3				
10:40	1:20	105.7	-500.0	7:10	4:50	500.0	-271.5				
10:35	1:25	112.9	-500.0	7:05	4:55	500.0	-251.0				
10:30	1:30	120.3	-500.0	7:00	5:00	500.0	-230.7				
10:25	1:35	127.8	-500.0	6:55	5:05	500.0	-210.7				
10:20	1:40	135.4	-500.0	6:50	5:10	500.0	-190.9				
10:15	1:45	143.2	-500.0	6:45	5:15	500.0	-171.3				
10:10	1:50	151.1	-500.0	6:40	5:20	500.0	-151.8				
10:05	1:55	159.3	-500.0	6:35	5:25	500.0	-132.5				
10:00	2:00	167.6	-500.0	6:30	5:30	500.0	-113.4				
9:55	2:05	176.2	-500.0	6:25	5:35	500.0	-94.3				
9:50	2:10	185.0	-500.0	6:20	5:40	500.0	-75.3				
9:45	2:15	194.0	-500.0	6:15	5:45	500.0	-56.4				
9:40	2:20	203.3	-500.0	6:10	5:50	500.0	-37.6				
9:35	2:25	212.9	-500.0	6:05	5:55	500.0	-18.8				
9:30	2:30	222.8	-500.0	6:00	6:00	500.0	0.0				
9:25	2:35	233.0	-500.0	5:55	6:05	500.0	18.8				
9:20	2:40	243.6	-500.0	5:50	6:10	500.0	37.6				
9:15	2:45	254.6	-500.0	5:45	6:15	500.0	56.4				
9:10	2:50	266.1	-500.0	5:40	6:20	500.0	75.3				
9:05	2:55	278.0	-500.0	5:35	6:25	500.0	94.3				
9:00	3:00	290.4	-500.0	5:30	6:30	500.0	113.4				
8:55	3:05	303.3	-500.0	5:25	6:35	500.0	132.5				
8:50	3:10	316.9	-500.0	5:20	6:40	500.0	151.8				
8:45	3:15	331.1	-500.0	5:15	6:45	500.0	171.3				
8:40	3:20	346.0	-500.0	5:10	6:50	500.0	190.9				
8:35	3:25	361.8	-500.0	5:05	6:55	500.0	210.7				
8:30	3:30	378.4	-500.0	5:00	7:00	500.0	230.7				

Horizontal Shadow Plane Sundial

Latitude: 35.5° N/S

Earliest Sunrise: 4:43 a.m. Latest Sunset: 7:17 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	19.0	-1500.0	8:25	3:35	1188.0	-1500.0	4:55	7:05	1500.0	752.9
11:50	12:10	38.0	-1500.0	8:20	3:40	1244.0	-1500.0	4:50	7:10	1500.0	814.4
11:45	12:15	57.1	-1500.0	8:15	3:45	1303.6	-1500.0	4:45	7:15	1500.0	876.8
11:40	12:20	76.2	-1500.0	8:10	3:50	1367.3	-1500.0	4:40	7:20	1500.0	940.2
11:35	12:25	95.4	-1500.0	8:05	3:55	1435.5	-1500.0	4:35	7:25	1500.0	1004.5
11:30	12:30	114.7	-1500.0	8:00	4:00	1500.0	-1491.3	4:30	7:30	1500.0	1069.9
11:25	12:35	134.1	-1500.0	7:55	4:05	1500.0	-1417.1				
11:20	12:40	153.6	-1500.0	7:50	4:10	1500.0	-1344.7				
11:15	12:45	173.3	-1500.0	7:45	4:15	1500.0	-1273.8				
11:10	12:50	193.1	-1500.0	7:40	4:20	1500.0	-1204.5				
11:05	12:55	213.1	-1500.0	7:35	4:25	1500.0	-1136.6				
11:00	1:00	233.4	-1500.0	7:30	4:30	1500.0	-1069.9				
10:55	1:05	253.9	-1500.0	7:25	4:35	1500.0	-1004.5				
10:50	1:10	274.6	-1500.0	7:20	4:40	1500.0	-940.2				
10:45	1:15	295.7	-1500.0	7:15	4:45	1500.0	-876.8				
10:40	1:20	317.0	-1500.0	7:10	4:50	1500.0	-814.4				
10:35	1:25	338.7	-1500.0	7:05	4:55	1500.0	-752.9				
10:30	1:30	360.8	-1500.0	7:00	5:00	1500.0	-692.1				
10:25	1:35	383.3	-1500.0	6:55	5:05	1500.0	-632.1				
10:20	1:40	406.2	-1500.0	6:50	5:10	1500.0	-572.7				
10:15	1:45	429.6	-1500.0	6:45	5:15	1500.0	-513.8				
10:10	1:50	453.4	-1500.0	6:40	5:20	1500.0	-455.5				
10:05	1:55	477.9	-1500.0	6:35	5:25	1500.0	-397.6				
10:00	2:00	502.9	-1500.0	6:30	5:30	1500.0	-340.1				
9:55	2:05	528.6	-1500.0	6:25	5:35	1500.0	-282.9				
9:50	2:10	554.9	-1500.0	6:20	5:40	1500.0	-226.0				
9:45	2:15	582.0	-1500.0	6:15	5:45	1500.0	-169.3				
9:40	2:20	609.9	-1500.0	6:10	5:50	1500.0	-112.8				
9:35	2:25	638.7	-1500.0	6:05	5:55	1500.0	-56.4				
9:30	2:30	668.4	-1500.0	6:00	6:00	1500.0	0.0				
9:25	2:35	699.1	-1500.0	5:55	6:05	1500.0	56.4				
9:20	2:40	730.9	-1500.0	5:50	6:10	1500.0	112.8				
9:15	2:45	763.9	-1500.0	5:45	6:15	1500.0	169.3				
9:10	2:50	798.2	-1500.0	5:40	6:20	1500.0	226.0				
9:05	2:55	833.9	-1500.0	5:35	6:25	1500.0	282.9				
9:00	3:00	871.1	-1500.0	5:30	6:30	1500.0	340.1				
8:55	3:05	909.9	-1500.0	5:25	6:35	1500.0	397.6				
8:50	3:10	950.6	-1500.0	5:20	6:40	1500.0	455.5				
8:45	3:15	993.2	-1500.0	5:15	6:45	1500.0	513.8				
8:40	3:20	1038.1	-1500.0	5:10	6:50	1500.0	572.7				
8:35	3:25	1085.3	-1500.0	5:05	6:55	1500.0	632.1				
8:30	3:30	1135.2	-1500.0	5:00	7:00	1500.0	692.1				