

The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

Horizontal Shadow Plane Sundial

Latitude: 32.5° N/S

Earliest Sunrise: 4:51 a.m. Latest Sunset: 7:09 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	5.9	-500.0	8:25	3:35	371.4	-500.0	4:55	7:05	500.0	271.2
11:50	12:10	11.7	-500.0	8:20	3:40	388.9	-500.0	4:50	7:10	500.0	293.4
11:45	12:15	17.6	-500.0	8:15	3:45	407.6	-500.0	4:45	7:15	500.0	315.9
11:40	12:20	23.5	-500.0	8:10	3:50	427.5	-500.0				
11:35	12:25	29.4	-500.0	8:05	3:55	448.8	-500.0				
11:30	12:30	35.4	-500.0	8:00	4:00	471.7	-500.0				
11:25	12:35	41.3	-500.0	7:55	4:05	496.4	-500.0				
11:20	12:40	47.4	-500.0	7:50	4:10	500.0	-477.9				
11:15	12:45	53.4	-500.0	7:45	4:15	500.0	-452.7				
11:10	12:50	59.6	-500.0	7:40	4:20	500.0	-428.1				
11:05	12:55	65.7	-500.0	7:35	4:25	500.0	-403.9				
11:00	1:00	72.0	-500.0	7:30	4:30	500.0	-380.3				
10:55	1:05	78.3	-500.0	7:25	4:35	500.0	-357.0				
10:50	1:10	84.7	-500.0	7:20	4:40	500.0	-334.1				
10:45	1:15	91.2	-500.0	7:15	4:45	500.0	-311.6				
10:40	1:20	97.8	-500.0	7:10	4:50	500.0	-289.5				
10:35	1:25	104.5	-500.0	7:05	4:55	500.0	-267.6				
10:30	1:30	111.3	-500.0	7:00	5:00	500.0	-246.0				
10:25	1:35	118.2	-500.0	6:55	5:05	500.0	-224.6				
10:20	1:40	125.3	-500.0	6:50	5:10	500.0	-203.5				
10:15	1:45	132.5	-500.0	6:45	5:15	500.0	-182.6				
10:10	1:50	139.9	-500.0	6:40	5:20	500.0	-161.9				
10:05	1:55	147.4	-500.0	6:35	5:25	500.0	-141.3				
10:00	2:00	155.1	-500.0	6:30	5:30	500.0	-120.9				
9:55	2:05	163.0	-500.0	6:25	5:35	500.0	-100.5				
9:50	2:10	171.1	-500.0	6:20	5:40	500.0	-80.3				
9:45	2:15	179.5	-500.0	6:15	5:45	500.0	-60.2				
9:40	2:20	188.1	-500.0	6:10	5:50	500.0	-40.1				
9:35	2:25	197.0	-500.0	6:05	5:55	500.0	-20.0				
9:30	2:30	206.1	-500.0	6:00	6:00	500.0	0.0				
9:25	2:35	215.6	-500.0	5:55	6:05	500.0	20.0				
9:20	2:40	225.4	-500.0	5:50	6:10	500.0	40.1				
9:15	2:45	235.6	-500.0	5:45	6:15	500.0	60.2				
9:10	2:50	246.2	-500.0	5:40	6:20	500.0	80.3				
9:05	2:55	257.2	-500.0	5:35	6:25	500.0	100.5				
9:00	3:00	268.6	-500.0	5:30	6:30	500.0	120.9				
8:55	3:05	280.6	-500.0	5:25	6:35	500.0	141.3				
8:50	3:10	293.2	-500.0	5:20	6:40	500.0	161.9				
8:45	3:15	306.3	-500.0	5:15	6:45	500.0	182.6				
8:40	3:20	320.2	-500.0	5:10	6:50	500.0	203.5				
8:35	3:25	334.7	-500.0	5:05	6:55	500.0	224.6				
8:30	3:30	350.1	-500.0	5:00	7:00	500.0	246.0				

Horizontal Shadow Plane Sundial

Latitude: 32.5° N/S

Earliest Sunrise: 4:51 a.m. Latest Sunset: 7:09 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	17.6	-1500.0	8:25	3:35	1114.2	-1500.0	4:55	7:05	1500.0	813.7
11:50	12:10	35.2	-1500.0	8:20	3:40	1166.7	-1500.0	4:50	7:10	1500.0	880.2
11:45	12:15	52.8	-1500.0	8:15	3:45	1222.7	-1500.0	4:45	7:15	1500.0	947.7
11:40	12:20	70.5	-1500.0	8:10	3:50	1282.4	-1500.0				
11:35	12:25	88.3	-1500.0	8:05	3:55	1346.3	-1500.0				
11:30	12:30	106.1	-1500.0	8:00	4:00	1415.0	-1500.0				
11:25	12:35	124.0	-1500.0	7:55	4:05	1489.1	-1500.0				
11:20	12:40	142.1	-1500.0	7:50	4:10	1500.0	-1433.7				
11:15	12:45	160.3	-1500.0	7:45	4:15	1500.0	-1358.2				
11:10	12:50	178.7	-1500.0	7:40	4:20	1500.0	-1284.3				
11:05	12:55	197.2	-1500.0	7:35	4:25	1500.0	-1211.8				
11:00	1:00	216.0	-1500.0	7:30	4:30	1500.0	-1140.8				
10:55	1:05	234.9	-1500.0	7:25	4:35	1500.0	-1071.0				
10:50	1:10	254.1	-1500.0	7:20	4:40	1500.0	-1002.4				
10:45	1:15	273.6	-1500.0	7:15	4:45	1500.0	-934.9				
10:40	1:20	293.3	-1500.0	7:10	4:50	1500.0	-868.4				
10:35	1:25	313.4	-1500.0	7:05	4:55	1500.0	-802.8				
10:30	1:30	333.8	-1500.0	7:00	5:00	1500.0	-738.0				
10:25	1:35	354.6	-1500.0	6:55	5:05	1500.0	-673.9				
10:20	1:40	375.8	-1500.0	6:50	5:10	1500.0	-610.6				
10:15	1:45	397.5	-1500.0	6:45	5:15	1500.0	-547.8				
10:10	1:50	419.6	-1500.0	6:40	5:20	1500.0	-485.6				
10:05	1:55	442.2	-1500.0	6:35	5:25	1500.0	-423.9				
10:00	2:00	465.3	-1500.0	6:30	5:30	1500.0	-362.6				
9:55	2:05	489.1	-1500.0	6:25	5:35	1500.0	-301.6				
9:50	2:10	513.4	-1500.0	6:20	5:40	1500.0	-241.0				
9:45	2:15	538.5	-1500.0	6:15	5:45	1500.0	-180.5				
9:40	2:20	564.3	-1500.0	6:10	5:50	1500.0	-120.2				
9:35	2:25	590.9	-1500.0	6:05	5:55	1500.0	-60.1				
9:30	2:30	618.4	-1500.0	6:00	6:00	1500.0	0.0				
9:25	2:35	646.8	-1500.0	5:55	6:05	1500.0	60.1				
9:20	2:40	676.3	-1500.0	5:50	6:10	1500.0	120.2				
9:15	2:45	706.8	-1500.0	5:45	6:15	1500.0	180.5				
9:10	2:50	738.5	-1500.0	5:40	6:20	1500.0	241.0				
9:05	2:55	771.5	-1500.0	5:35	6:25	1500.0	301.6				
9:00	3:00	805.9	-1500.0	5:30	6:30	1500.0	362.6				
8:55	3:05	841.9	-1500.0	5:25	6:35	1500.0	423.9				
8:50	3:10	879.5	-1500.0	5:20	6:40	1500.0	485.6				
8:45	3:15	919.0	-1500.0	5:15	6:45	1500.0	547.8				
8:40	3:20	960.5	-1500.0	5:10	6:50	1500.0	610.6				
8:35	3:25	1004.2	-1500.0	5:05	6:55	1500.0	673.9				
8:30	3:30	1050.3	-1500.0	5:00	7:00	1500.0	738.0				