

The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

Horizontal Shadow Plane Sundial

Latitude: 28.5° N/S

Earliest Sunrise: 5:01 a.m. Latest Sunset: 6:59 p.m.

E-W Dimension: 1000 mm

Local Time		X	Y	Local Time		X	Y
12:00		0.0	-500.0				
11:55	12:05	5.2	-500.0	8:25	3:35	325.4	-500.0
11:50	12:10	10.4	-500.0	8:20	3:40	340.7	-500.0
11:45	12:15	15.6	-500.0	8:15	3:45	357.1	-500.0
11:40	12:20	20.9	-500.0	8:10	3:50	374.5	-500.0
11:35	12:25	26.1	-500.0	8:05	3:55	393.2	-500.0
11:30	12:30	31.4	-500.0	8:00	4:00	413.2	-500.0
11:25	12:35	36.7	-500.0	7:55	4:05	434.9	-500.0
11:20	12:40	42.1	-500.0	7:50	4:10	458.3	-500.0
11:15	12:45	47.5	-500.0	7:45	4:15	483.8	-500.0
11:10	12:50	52.9	-500.0	7:40	4:20	500.0	-488.6
11:05	12:55	58.4	-500.0	7:35	4:25	500.0	-461.1
11:00	1:00	63.9	-500.0	7:30	4:30	500.0	-434.0
10:55	1:05	69.5	-500.0	7:25	4:35	500.0	-407.5
10:50	1:10	75.2	-500.0	7:20	4:40	500.0	-381.4
10:45	1:15	81.0	-500.0	7:15	4:45	500.0	-355.7
10:40	1:20	86.8	-500.0	7:10	4:50	500.0	-330.4
10:35	1:25	92.8	-500.0	7:05	4:55	500.0	-305.4
10:30	1:30	98.8	-500.0	7:00	5:00	500.0	-280.8
10:25	1:35	105.0	-500.0	6:55	5:05	500.0	-256.4
10:20	1:40	111.3	-500.0	6:50	5:10	500.0	-232.3
10:15	1:45	117.7	-500.0	6:45	5:15	500.0	-208.4
10:10	1:50	124.2	-500.0	6:40	5:20	500.0	-184.8
10:05	1:55	130.9	-500.0	6:35	5:25	500.0	-161.3
10:00	2:00	137.7	-500.0	6:30	5:30	500.0	-138.0
9:55	2:05	144.8	-500.0	6:25	5:35	500.0	-114.8
9:50	2:10	152.0	-500.0	6:20	5:40	500.0	-91.7
9:45	2:15	159.4	-500.0	6:15	5:45	500.0	-68.7
9:40	2:20	167.1	-500.0	6:10	5:50	500.0	-45.8
9:35	2:25	174.9	-500.0	6:05	5:55	500.0	-22.9
9:30	2:30	183.1	-500.0	6:00	6:00	500.0	0.0
9:25	2:35	191.5	-500.0	5:55	6:05	500.0	22.9
9:20	2:40	200.2	-500.0	5:50	6:10	500.0	45.8
9:15	2:45	209.2	-500.0	5:45	6:15	500.0	68.7
9:10	2:50	218.6	-500.0	5:40	6:20	500.0	91.7
9:05	2:55	228.4	-500.0	5:35	6:25	500.0	114.8
9:00	3:00	238.6	-500.0	5:30	6:30	500.0	138.0
8:55	3:05	249.2	-500.0	5:25	6:35	500.0	161.3
8:50	3:10	260.4	-500.0	5:20	6:40	500.0	184.8
8:45	3:15	272.0	-500.0	5:15	6:45	500.0	208.4
8:40	3:20	284.3	-500.0	5:10	6:50	500.0	232.3
8:35	3:25	297.3	-500.0	5:05	6:55	500.0	256.4
8:30	3:30	310.9	-500.0	5:00	7:00	500.0	280.8

Horizontal Shadow Plane Sundial

Latitude: 28.5° N/S

Earliest Sunrise: 5:01 a.m. Latest Sunset: 6:59 p.m.
 E-W Dimension: 3000 mm

Local Time		X	Y	Local Time		X	Y
12:00		0.0	-1500.0				
11:55	12:05	15.6	-1500.0	8:25	3:35	976.1	-1500.0
11:50	12:10	31.2	-1500.0	8:20	3:40	1022.2	-1500.0
11:45	12:15	46.9	-1500.0	8:15	3:45	1071.2	-1500.0
11:40	12:20	62.6	-1500.0	8:10	3:50	1123.5	-1500.0
11:35	12:25	78.4	-1500.0	8:05	3:55	1179.5	-1500.0
11:30	12:30	94.2	-1500.0	8:00	4:00	1239.7	-1500.0
11:25	12:35	110.2	-1500.0	7:55	4:05	1304.6	-1500.0
11:20	12:40	126.2	-1500.0	7:50	4:10	1374.9	-1500.0
11:15	12:45	142.4	-1500.0	7:45	4:15	1451.4	-1500.0
11:10	12:50	158.7	-1500.0	7:40	4:20	1500.0	-1465.9
11:05	12:55	175.1	-1500.0	7:35	4:25	1500.0	-1383.2
11:00	1:00	191.8	-1500.0	7:30	4:30	1500.0	-1302.1
10:55	1:05	208.6	-1500.0	7:25	4:35	1500.0	-1222.5
10:50	1:10	225.7	-1500.0	7:20	4:40	1500.0	-1144.2
10:45	1:15	243.0	-1500.0	7:15	4:45	1500.0	-1067.1
10:40	1:20	260.5	-1500.0	7:10	4:50	1500.0	-991.2
10:35	1:25	278.3	-1500.0	7:05	4:55	1500.0	-916.3
10:30	1:30	296.5	-1500.0	7:00	5:00	1500.0	-842.3
10:25	1:35	314.9	-1500.0	6:55	5:05	1500.0	-769.2
10:20	1:40	333.8	-1500.0	6:50	5:10	1500.0	-696.9
10:15	1:45	353.0	-1500.0	6:45	5:15	1500.0	-625.3
10:10	1:50	372.6	-1500.0	6:40	5:20	1500.0	-554.3
10:05	1:55	392.7	-1500.0	6:35	5:25	1500.0	-483.8
10:00	2:00	413.2	-1500.0	6:30	5:30	1500.0	-413.9
9:55	2:05	434.3	-1500.0	6:25	5:35	1500.0	-344.3
9:50	2:10	456.0	-1500.0	6:20	5:40	1500.0	-275.0
9:45	2:15	478.2	-1500.0	6:15	5:45	1500.0	-206.0
9:40	2:20	501.2	-1500.0	6:10	5:50	1500.0	-137.3
9:35	2:25	524.8	-1500.0	6:05	5:55	1500.0	-68.6
9:30	2:30	549.2	-1500.0	6:00	6:00	1500.0	0.0
9:25	2:35	574.4	-1500.0	5:55	6:05	1500.0	68.6
9:20	2:40	600.6	-1500.0	5:50	6:10	1500.0	137.3
9:15	2:45	627.7	-1500.0	5:45	6:15	1500.0	206.0
9:10	2:50	655.9	-1500.0	5:40	6:20	1500.0	275.0
9:05	2:55	685.2	-1500.0	5:35	6:25	1500.0	344.3
9:00	3:00	715.7	-1500.0	5:30	6:30	1500.0	413.9
8:55	3:05	747.7	-1500.0	5:25	6:35	1500.0	483.8
8:50	3:10	781.1	-1500.0	5:20	6:40	1500.0	554.3
8:45	3:15	816.1	-1500.0	5:15	6:45	1500.0	625.3
8:40	3:20	853.0	-1500.0	5:10	6:50	1500.0	696.9
8:35	3:25	891.8	-1500.0	5:05	6:55	1500.0	769.2
8:30	3:30	932.8	-1500.0	5:00	7:00	1500.0	842.3