

# The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

## Horizontal Shadow Plane Sundial

Latitude: 26.0° N/S

Earliest Sunrise: 5:07 a.m. Latest Sunset: 6:53 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	4.8	-500.0	8:25	3:35	298.9	-500.0
11:50	12:10	9.6	-500.0	8:20	3:40	313.0	-500.0
11:45	12:15	14.4	-500.0	8:15	3:45	328.0	-500.0
11:40	12:20	19.2	-500.0	8:10	3:50	344.1	-500.0
11:35	12:25	24.0	-500.0	8:05	3:55	361.2	-500.0
11:30	12:30	28.9	-500.0	8:00	4:00	379.6	-500.0
11:25	12:35	33.7	-500.0	7:55	4:05	399.5	-500.0
11:20	12:40	38.6	-500.0	7:50	4:10	421.1	-500.0
11:15	12:45	43.6	-500.0	7:45	4:15	444.5	-500.0
11:10	12:50	48.6	-500.0	7:40	4:20	470.0	-500.0
11:05	12:55	53.6	-500.0	7:35	4:25	498.1	-500.0
11:00	1:00	58.7	-500.0	7:30	4:30	500.0	-472.4
10:55	1:05	63.9	-500.0	7:25	4:35	500.0	-443.5
10:50	1:10	69.1	-500.0	7:20	4:40	500.0	-415.1
10:45	1:15	74.4	-500.0	7:15	4:45	500.0	-387.2
10:40	1:20	79.8	-500.0	7:10	4:50	500.0	-359.6
10:35	1:25	85.2	-500.0	7:05	4:55	500.0	-332.5
10:30	1:30	90.8	-500.0	7:00	5:00	500.0	-305.6
10:25	1:35	96.4	-500.0	6:55	5:05	500.0	-279.1
10:20	1:40	102.2	-500.0	6:50	5:10	500.0	-252.9
10:15	1:45	108.1	-500.0	6:45	5:15	500.0	-226.9
10:10	1:50	114.1	-500.0	6:40	5:20	500.0	-201.1
10:05	1:55	120.2	-500.0	6:35	5:25	500.0	-175.6
10:00	2:00	126.5	-500.0	6:30	5:30	500.0	-150.2
9:55	2:05	133.0	-500.0	6:25	5:35	500.0	-124.9
9:50	2:10	139.6	-500.0	6:20	5:40	500.0	-99.8
9:45	2:15	146.5	-500.0	6:15	5:45	500.0	-74.8
9:40	2:20	153.5	-500.0	6:10	5:50	500.0	-49.8
9:35	2:25	160.7	-500.0	6:05	5:55	500.0	-24.9
9:30	2:30	168.2	-500.0	6:00	6:00	500.0	0.0
9:25	2:35	175.9	-500.0	5:55	6:05	500.0	24.9
9:20	2:40	183.9	-500.0	5:50	6:10	500.0	49.8
9:15	2:45	192.2	-500.0	5:45	6:15	500.0	74.8
9:10	2:50	200.8	-500.0	5:40	6:20	500.0	99.8
9:05	2:55	209.8	-500.0	5:35	6:25	500.0	124.9
9:00	3:00	219.2	-500.0	5:30	6:30	500.0	150.2
8:55	3:05	229.0	-500.0	5:25	6:35	500.0	175.6
8:50	3:10	239.2	-500.0	5:20	6:40	500.0	201.1
8:45	3:15	249.9	-500.0	5:15	6:45	500.0	226.9
8:40	3:20	261.2	-500.0	5:10	6:50	500.0	252.9
8:35	3:25	273.1	-500.0	5:05	6:55	500.0	279.1
8:30	3:30	285.6	-500.0	5:00	7:00	500.0	305.6

## Horizontal Shadow Plane Sundial

Latitude: 26.0° N/S

Earliest Sunrise: 5:07 a.m.    Latest Sunset: 6:53 p.m.  
 E-W Dimension: 3000 mm

Local Time	X	Y	Local Time	X	Y
12:00	0.0	-1500.0			
11:55	14.3	-1500.0	8:25	3:35	896.8
11:50	28.7	-1500.0	8:20	3:40	939.1
11:45	43.1	-1500.0	8:15	3:45	984.1
11:40	57.5	-1500.0	8:10	3:50	1032.2
11:35	72.0	-1500.0	8:05	3:55	1083.6
11:30	86.6	-1500.0	8:00	4:00	1138.9
11:25	101.2	-1500.0	7:55	4:05	1198.6
11:20	115.9	-1500.0	7:50	4:10	1263.2
11:15	130.8	-1500.0	7:45	4:15	1333.4
11:10	145.8	-1500.0	7:40	4:20	1410.1
11:05	160.9	-1500.0	7:35	4:25	1494.4
11:00	176.2	-1500.0	7:30	4:30	1500.0
10:55	191.7	-1500.0	7:25	4:35	1500.0
10:50	207.3	-1500.0	7:20	4:40	1500.0
10:45	223.2	-1500.0	7:15	4:45	1500.0
10:40	239.3	-1500.0	7:10	4:50	1500.0
10:35	255.7	-1500.0	7:05	4:55	1500.0
10:30	272.4	-1500.0	7:00	5:00	1500.0
10:25	289.3	-1500.0	6:55	5:05	1500.0
10:20	306.6	-1500.0	6:50	5:10	1500.0
10:15	324.3	-1500.0	6:45	5:15	1500.0
10:10	342.3	-1500.0	6:40	5:20	1500.0
10:05	360.7	-1500.0	6:35	5:25	1500.0
10:00	379.6	-1500.0	6:30	5:30	1500.0
9:55	399.0	-1500.0	6:25	5:35	1500.0
9:50	418.9	-1500.0	6:20	5:40	1500.0
9:45	439.4	-1500.0	6:15	5:45	1500.0
9:40	460.4	-1500.0	6:10	5:50	1500.0
9:35	482.1	-1500.0	6:05	5:55	1500.0
9:30	504.6	-1500.0	6:00	6:00	1500.0
9:25	527.7	-1500.0	5:55	6:05	1500.0
9:20	551.8	-1500.0	5:50	6:10	1500.0
9:15	576.7	-1500.0	5:45	6:15	1500.0
9:10	602.5	-1500.0	5:40	6:20	1500.0
9:05	629.5	-1500.0	5:35	6:25	1500.0
9:00	657.6	-1500.0	5:30	6:30	1500.0
8:55	686.9	-1500.0	5:25	6:35	1500.0
8:50	717.6	-1500.0	5:20	6:40	1500.0
8:45	749.8	-1500.0	5:15	6:45	1500.0
8:40	783.6	-1500.0	5:10	6:50	1500.0
8:35	819.3	-1500.0	5:05	6:55	1500.0
8:30	856.9	-1500.0	5:00	7:00	1500.0