

The Sundial Primer - "Dialling Guide"

created by Carl Sabanski

Horizontal Shadow Plane Sundial

Latitude: 32.0° N/S

Earliest Sunrise: 4:53 a.m. Latest Sunset: 7:07 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	5.8	-500.0	8:25	3:35	361.4	-500.0	4:55	7:05	500.0	275.0
11:50	12:10	11.6	-500.0	8:20	3:40	378.4	-500.0	4:50	7:10	500.0	297.5
11:45	12:15	17.4	-500.0	8:15	3:45	396.5	-500.0	4:45	7:15	500.0	320.3
11:40	12:20	23.2	-500.0	8:10	3:50	415.9	-500.0				
11:35	12:25	29.0	-500.0	8:05	3:55	436.6	-500.0				
11:30	12:30	34.9	-500.0	8:00	4:00	458.9	-500.0				
11:25	12:35	40.8	-500.0	7:55	4:05	483.0	-500.0				
11:20	12:40	46.7	-500.0	7:50	4:10	500.0	-491.2				
11:15	12:45	52.7	-500.0	7:45	4:15	500.0	-465.3				
11:10	12:50	58.7	-500.0	7:40	4:20	500.0	-440.0				
11:05	12:55	64.8	-500.0	7:35	4:25	500.0	-415.2				
11:00	1:00	71.0	-500.0	7:30	4:30	500.0	-390.8				
10:55	1:05	77.2	-500.0	7:25	4:35	500.0	-366.9				
10:50	1:10	83.5	-500.0	7:20	4:40	500.0	-343.4				
10:45	1:15	89.9	-500.0	7:15	4:45	500.0	-320.3				
10:40	1:20	96.4	-500.0	7:10	4:50	500.0	-297.5				
10:35	1:25	103.0	-500.0	7:05	4:55	500.0	-275.0				
10:30	1:30	109.7	-500.0	7:00	5:00	500.0	-252.8				
10:25	1:35	116.6	-500.0	6:55	5:05	500.0	-230.9				
10:20	1:40	123.6	-500.0	6:50	5:10	500.0	-209.2				
10:15	1:45	130.7	-500.0	6:45	5:15	500.0	-187.7				
10:10	1:50	137.9	-500.0	6:40	5:20	500.0	-166.4				
10:05	1:55	145.4	-500.0	6:35	5:25	500.0	-145.2				
10:00	2:00	153.0	-500.0	6:30	5:30	500.0	-124.2				
9:55	2:05	160.8	-500.0	6:25	5:35	500.0	-103.3				
9:50	2:10	168.8	-500.0	6:20	5:40	500.0	-82.5				
9:45	2:15	177.0	-500.0	6:15	5:45	500.0	-61.8				
9:40	2:20	185.5	-500.0	6:10	5:50	500.0	-41.2				
9:35	2:25	194.3	-500.0	6:05	5:55	500.0	-20.6				
9:30	2:30	203.3	-500.0	6:00	6:00	500.0	0.0				
9:25	2:35	212.7	-500.0	5:55	6:05	500.0	20.6				
9:20	2:40	222.3	-500.0	5:50	6:10	500.0	41.2				
9:15	2:45	232.4	-500.0	5:45	6:15	500.0	61.8				
9:10	2:50	242.8	-500.0	5:40	6:20	500.0	82.5				
9:05	2:55	253.6	-500.0	5:35	6:25	500.0	103.3				
9:00	3:00	265.0	-500.0	5:30	6:30	500.0	124.2				
8:55	3:05	276.8	-500.0	5:25	6:35	500.0	145.2				
8:50	3:10	289.2	-500.0	5:20	6:40	500.0	166.4				
8:45	3:15	302.1	-500.0	5:15	6:45	500.0	187.7				
8:40	3:20	315.8	-500.0	5:10	6:50	500.0	209.2				
8:35	3:25	330.1	-500.0	5:05	6:55	500.0	230.9				
8:30	3:30	345.3	-500.0	5:00	7:00	500.0	252.8				

Horizontal Shadow Plane Sundial

Latitude: 32.0° N/S

Earliest Sunrise: 4:53 a.m. Latest Sunset: 7:07 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	17.3	-1500.0	8:25	3:35	1084.1	-1500.0	4:55	7:05	1500.0	825.1
11:50	12:10	34.7	-1500.0	8:20	3:40	1135.2	-1500.0	4:50	7:10	1500.0	892.5
11:45	12:15	52.1	-1500.0	8:15	3:45	1189.6	-1500.0	4:45	7:15	1500.0	960.9
11:40	12:20	69.5	-1500.0	8:10	3:50	1247.7	-1500.0				
11:35	12:25	87.1	-1500.0	8:05	3:55	1309.9	-1500.0				
11:30	12:30	104.6	-1500.0	8:00	4:00	1376.8	-1500.0				
11:25	12:35	122.3	-1500.0	7:55	4:05	1448.9	-1500.0				
11:20	12:40	140.2	-1500.0	7:50	4:10	1500.0	-1473.5				
11:15	12:45	158.1	-1500.0	7:45	4:15	1500.0	-1395.9				
11:10	12:50	176.2	-1500.0	7:40	4:20	1500.0	-1319.9				
11:05	12:55	194.5	-1500.0	7:35	4:25	1500.0	-1245.5				
11:00	1:00	213.0	-1500.0	7:30	4:30	1500.0	-1172.5				
10:55	1:05	231.7	-1500.0	7:25	4:35	1500.0	-1100.8				
10:50	1:10	250.6	-1500.0	7:20	4:40	1500.0	-1030.3				
10:45	1:15	269.8	-1500.0	7:15	4:45	1500.0	-960.9				
10:40	1:20	289.3	-1500.0	7:10	4:50	1500.0	-892.5				
10:35	1:25	309.1	-1500.0	7:05	4:55	1500.0	-825.1				
10:30	1:30	329.2	-1500.0	7:00	5:00	1500.0	-758.5				
10:25	1:35	349.8	-1500.0	6:55	5:05	1500.0	-692.6				
10:20	1:40	370.7	-1500.0	6:50	5:10	1500.0	-627.5				
10:15	1:45	392.0	-1500.0	6:45	5:15	1500.0	-563.0				
10:10	1:50	413.8	-1500.0	6:40	5:20	1500.0	-499.1				
10:05	1:55	436.1	-1500.0	6:35	5:25	1500.0	-435.7				
10:00	2:00	458.9	-1500.0	6:30	5:30	1500.0	-372.7				
9:55	2:05	482.3	-1500.0	6:25	5:35	1500.0	-310.0				
9:50	2:10	506.4	-1500.0	6:20	5:40	1500.0	-247.6				
9:45	2:15	531.1	-1500.0	6:15	5:45	1500.0	-185.5				
9:40	2:20	556.6	-1500.0	6:10	5:50	1500.0	-123.6				
9:35	2:25	582.8	-1500.0	6:05	5:55	1500.0	-61.8				
9:30	2:30	609.9	-1500.0	6:00	6:00	1500.0	0.0				
9:25	2:35	638.0	-1500.0	5:55	6:05	1500.0	61.8				
9:20	2:40	667.0	-1500.0	5:50	6:10	1500.0	123.6				
9:15	2:45	697.1	-1500.0	5:45	6:15	1500.0	185.5				
9:10	2:50	728.4	-1500.0	5:40	6:20	1500.0	247.6				
9:05	2:55	760.9	-1500.0	5:35	6:25	1500.0	310.0				
9:00	3:00	794.9	-1500.0	5:30	6:30	1500.0	372.7				
8:55	3:05	830.3	-1500.0	5:25	6:35	1500.0	435.7				
8:50	3:10	867.5	-1500.0	5:20	6:40	1500.0	499.1				
8:45	3:15	906.4	-1500.0	5:15	6:45	1500.0	563.0				
8:40	3:20	947.3	-1500.0	5:10	6:50	1500.0	627.5				
8:35	3:25	990.4	-1500.0	5:05	6:55	1500.0	692.6				
8:30	3:30	1035.9	-1500.0	5:00	7:00	1500.0	758.5				