

Horizontal Shadow Plane Sundial

Latitude: 55.5° N/S

Earliest Sunrise: 3:15 a.m. Latest Sunset: 8:45 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	9.0	-500.0	8:25	3:35	500.0	-444.9	4:55	7:05	500.0	176.8
11:50	12:10	18.0	-500.0	8:20	3:40	500.0	-424.8	4:50	7:10	500.0	191.3
11:45	12:15	27.0	-500.0	8:15	3:45	500.0	-405.4	4:45	7:15	500.0	205.9
11:40	12:20	36.1	-500.0	8:10	3:50	500.0	-386.5	4:40	7:20	500.0	220.8
11:35	12:25	45.1	-500.0	8:05	3:55	500.0	-368.2	4:35	7:25	500.0	235.9
11:30	12:30	54.2	-500.0	8:00	4:00	500.0	-350.3	4:30	7:30	500.0	251.3
11:25	12:35	63.4	-500.0	7:55	4:05	500.0	-332.8	4:25	7:35	500.0	267.0
11:20	12:40	72.7	-500.0	7:50	4:10	500.0	-315.8	4:20	7:40	500.0	282.9
11:15	12:45	82.0	-500.0	7:45	4:15	500.0	-299.2	4:15	7:45	500.0	299.2
11:10	12:50	91.4	-500.0	7:40	4:20	500.0	-282.9	4:10	7:50	500.0	315.8
11:05	12:55	100.8	-500.0	7:35	4:25	500.0	-267.0	4:05	7:55	500.0	332.8
11:00	1:00	110.4	-500.0	7:30	4:30	500.0	-251.3	4:00	8:00	500.0	350.3
10:55	1:05	120.1	-500.0	7:25	4:35	500.0	-235.9	3:55	8:05	500.0	368.2
10:50	1:10	129.9	-500.0	7:20	4:40	500.0	-220.8	3:50	8:10	500.0	386.5
10:45	1:15	139.9	-500.0	7:15	4:45	500.0	-205.9	3:45	8:15	500.0	405.4
10:40	1:20	150.0	-500.0	7:10	4:50	500.0	-191.3	3:40	8:20	500.0	424.8
10:35	1:25	160.2	-500.0	7:05	4:55	500.0	-176.8	3:35	8:25	500.0	444.9
10:30	1:30	170.7	-500.0	7:00	5:00	500.0	-162.6	3:30	8:30	500.0	465.5
10:25	1:35	181.3	-500.0	6:55	5:05	500.0	-148.5	3:25	8:35	500.0	486.9
10:20	1:40	192.1	-500.0	6:50	5:10	500.0	-134.5	3:20	8:40	491.1	500.0
10:15	1:45	203.2	-500.0	6:45	5:15	500.0	-120.7	3:15	8:45	469.9	500.0
10:10	1:50	214.5	-500.0	6:40	5:20	500.0	-107.0				
10:05	1:55	226.1	-500.0	6:35	5:25	500.0	-93.4				
10:00	2:00	237.9	-500.0	6:30	5:30	500.0	-79.9				
9:55	2:05	250.0	-500.0	6:25	5:35	500.0	-66.4				
9:50	2:10	262.5	-500.0	6:20	5:40	500.0	-53.1				
9:45	2:15	275.3	-500.0	6:15	5:45	500.0	-39.8				
9:40	2:20	288.5	-500.0	6:10	5:50	500.0	-26.5				
9:35	2:25	302.1	-500.0	6:05	5:55	500.0	-13.2				
9:30	2:30	316.2	-500.0	6:00	6:00	500.0	0.0				
9:25	2:35	330.7	-500.0	5:55	6:05	500.0	13.2				
9:20	2:40	345.8	-500.0	5:50	6:10	500.0	26.5				
9:15	2:45	361.4	-500.0	5:45	6:15	500.0	39.8				
9:10	2:50	377.6	-500.0	5:40	6:20	500.0	53.1				
9:05	2:55	394.5	-500.0	5:35	6:25	500.0	66.4				
9:00	3:00	412.1	-500.0	5:30	6:30	500.0	79.9				
8:55	3:05	430.4	-500.0	5:25	6:35	500.0	93.4				
8:50	3:10	449.7	-500.0	5:20	6:40	500.0	107.0				
8:45	3:15	469.9	-500.0	5:15	6:45	500.0	120.7				
8:40	3:20	491.1	-500.0	5:10	6:50	500.0	134.5				
8:35	3:25	500.0	-486.9	5:05	6:55	500.0	148.5				
8:30	3:30	500.0	-465.5	5:00	7:00	500.0	162.6				

Horizontal Shadow Plane Sundial

Latitude: 55.5° N/S

Earliest Sunrise: 3:15 a.m. Latest Sunset: 8:45 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	27.0	-1500.0	8:25	3:35	1500.0	-1334.6	4:55	7:05	1500.0	530.5
11:50	12:10	54.0	-1500.0	8:20	3:40	1500.0	-1274.5	4:50	7:10	1500.0	573.9
11:45	12:15	81.0	-1500.0	8:15	3:45	1500.0	-1216.2	4:45	7:15	1500.0	617.8
11:40	12:20	108.2	-1500.0	8:10	3:50	1500.0	-1159.5	4:40	7:20	1500.0	662.5
11:35	12:25	135.4	-1500.0	8:05	3:55	1500.0	-1104.5	4:35	7:25	1500.0	707.8
11:30	12:30	162.7	-1500.0	8:00	4:00	1500.0	-1050.8	4:30	7:30	1500.0	753.9
11:25	12:35	190.3	-1500.0	7:55	4:05	1500.0	-998.5	4:25	7:35	1500.0	800.9
11:20	12:40	218.0	-1500.0	7:50	4:10	1500.0	-947.5	4:20	7:40	1500.0	848.7
11:15	12:45	245.9	-1500.0	7:45	4:15	1500.0	-897.6	4:15	7:45	1500.0	897.6
11:10	12:50	274.1	-1500.0	7:40	4:20	1500.0	-848.7	4:10	7:50	1500.0	947.5
11:05	12:55	302.5	-1500.0	7:35	4:25	1500.0	-800.9	4:05	7:55	1500.0	998.5
11:00	1:00	331.2	-1500.0	7:30	4:30	1500.0	-753.9	4:00	8:00	1500.0	1050.8
10:55	1:05	360.3	-1500.0	7:25	4:35	1500.0	-707.8	3:55	8:05	1500.0	1104.5
10:50	1:10	389.8	-1500.0	7:20	4:40	1500.0	-662.5	3:50	8:10	1500.0	1159.5
10:45	1:15	419.6	-1500.0	7:15	4:45	1500.0	-617.8	3:45	8:15	1500.0	1216.2
10:40	1:20	449.9	-1500.0	7:10	4:50	1500.0	-573.9	3:40	8:20	1500.0	1274.5
10:35	1:25	480.7	-1500.0	7:05	4:55	1500.0	-530.5	3:35	8:25	1500.0	1334.6
10:30	1:30	512.0	-1500.0	7:00	5:00	1500.0	-487.7	3:30	8:30	1500.0	1396.6
10:25	1:35	543.9	-1500.0	6:55	5:05	1500.0	-445.4	3:25	8:35	1500.0	1460.8
10:20	1:40	576.4	-1500.0	6:50	5:10	1500.0	-403.5	3:20	8:40	1473.2	1500.0
10:15	1:45	609.6	-1500.0	6:45	5:15	1500.0	-362.0	3:15	8:45	1409.6	1500.0
10:10	1:50	643.5	-1500.0	6:40	5:20	1500.0	-320.9				
10:05	1:55	678.2	-1500.0	6:35	5:25	1500.0	-280.1				
10:00	2:00	713.7	-1500.0	6:30	5:30	1500.0	-239.6				
9:55	2:05	750.1	-1500.0	6:25	5:35	1500.0	-199.3				
9:50	2:10	787.5	-1500.0	6:20	5:40	1500.0	-159.2				
9:45	2:15	826.0	-1500.0	6:15	5:45	1500.0	-119.3				
9:40	2:20	865.6	-1500.0	6:10	5:50	1500.0	-79.5				
9:35	2:25	906.4	-1500.0	6:05	5:55	1500.0	-39.7				
9:30	2:30	948.6	-1500.0	6:00	6:00	1500.0	0.0				
9:25	2:35	992.1	-1500.0	5:55	6:05	1500.0	39.7				
9:20	2:40	1037.3	-1500.0	5:50	6:10	1500.0	79.5				
9:15	2:45	1084.1	-1500.0	5:45	6:15	1500.0	119.3				
9:10	2:50	1132.8	-1500.0	5:40	6:20	1500.0	159.2				
9:05	2:55	1183.4	-1500.0	5:35	6:25	1500.0	199.3				
9:00	3:00	1236.2	-1500.0	5:30	6:30	1500.0	239.6				
8:55	3:05	1291.3	-1500.0	5:25	6:35	1500.0	280.1				
8:50	3:10	1349.1	-1500.0	5:20	6:40	1500.0	320.9				
8:45	3:15	1409.6	-1500.0	5:15	6:45	1500.0	362.0				
8:40	3:20	1473.2	-1500.0	5:10	6:50	1500.0	403.5				
8:35	3:25	1500.0	-1460.8	5:05	6:55	1500.0	445.4				
8:30	3:30	1500.0	-1396.6	5:00	7:00	1500.0	487.7				