

# Simulation Weather Profiles for Chicago, Illinois (TMY)

Multi-Story Office Building  
Carrier Corporation

08/27/2002  
02:13PM

**Tuesday, August 27**

Hour	Dry-Bulb ( °F )	Wet-Bulb ( °F )	Beam Solar on Horiz. ( BTU/(hr-ft²) )	Total Solar on Horiz. ( BTU/(hr-ft²) )
0000	66.5	59.9	0.0	0.0
0100	65.0	58.8	0.0	0.0
0200	63.5	58.0	0.0	0.0
0300	62.0	57.7	0.0	0.0
0400	61.0	57.0	0.0	0.0
0500	60.5	56.8	0.0	0.0
0600	60.1	56.7	0.0	0.0
0700	60.1	56.3	11.6	40.9
0800	61.5	57.2	61.7	99.9
0900	65.5	59.3	126.6	166.1
1000	71.0	61.8	174.0	215.6
1100	75.5	63.6	193.7	240.8
1200	77.5	64.3	198.9	250.9
1300	79.1	65.1	193.6	248.0
1400	80.1	65.7	177.1	231.7
1500	80.5	66.4	113.2	175.6
1600	82.0	67.4	77.1	134.1
1700	82.5	67.8	53.0	97.8
1800	80.5	67.5	2.5	30.5
1900	78.0	66.7	0.0	0.0
2000	76.0	66.7	0.0	0.0
2100	74.5	66.5	0.0	0.0
2200	73.5	65.9	0.0	0.0
2300	72.5	65.6	0.0	0.0