IGOR I SIKORSKY MEM, CT

Latitude = 41.16 N	Station ID = ICAO_KBDR
Longitude = 73.13 W	Elevation = 9 Feet
Period of Record = 1988 To 2017	Average Pressure = 30.00 inches Hg

Design Criteria Data

	Mean Coincident (Average) Values				
Dry Bulb Temperature (T)	**Design Value (°F)**	**Wet Bulb Temperature (°F)**	**Humidity Ratio (gr/lb)**	**Wind Speed (mph)**	**Prevailing Direction (NSEW)**
Median of Extreme Highs	94	76	105	11	WSW
0.4% Occurrence	88	73	99	10.9	SW
1.0% Occurrence	85	72	97	10.6	SW
2.0% Occurrence	82	70	93	9.8	SW
Mean Daily Range	14	-	-	-	NW
97.5% Occurrence	20	17	8	10.2	NW
99.0% Occurrence	15	12	6	10.9	N
99.6% Occurrence	10	8	4	10.7	N
Median of Extreme Lows	5	3	4	9.5	N

Wet Bulb Temperature (T_{wb})	**Design Value (°F)**	**Dry Bulb Temperature (°F)**	**Humidity Ratio (gr/lb)**	**Wind Speed (mph)**	**Prevailing Direction (NSEW)**
Median of Extreme Highs	79	88	130	10.9	SW
0.4% Occurrence	76	83	121	9.3	SW
1.0% Occurrence	75	81	119	8.7	SW
2.0% Occurrence	74	80	115	8.4	SW

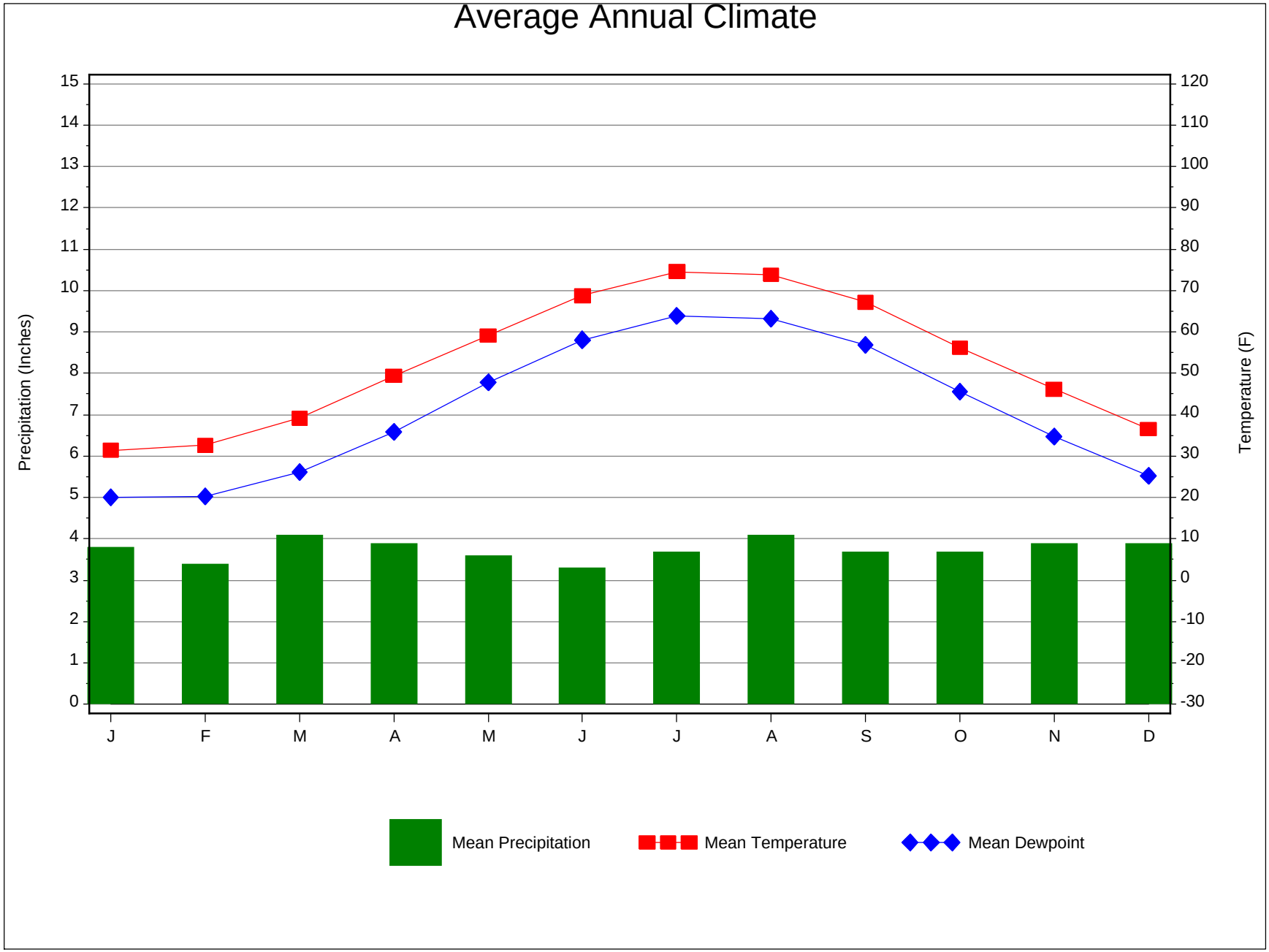
Humidity Ratio (HR)	**Design Value (gr/lb)**	**Dry Bulb Temperature (°F)**	**Vapor Pressure (in. Hg)**	**Wind Speed (mph)**	**Prevailing Direction (NSEW)**
Median of Extreme Highs	133	82	0.88	8.7	SSW
0.4% Occurrence	125	80	0.83	8.4	SW
1.0% Occurrence	123	79	0.82	8.2	SW
2.0% Occurrence	117	77	0.78	7.4	SW

Air Conditioning/ Humid Area Criteria	**Threshold**	**T ≥ 93°F**	**T ≥ 80°F**	**Twb ≥ 73°F**	**Twb ≥ 67°F**
	# of Hours	8	397	322	1287

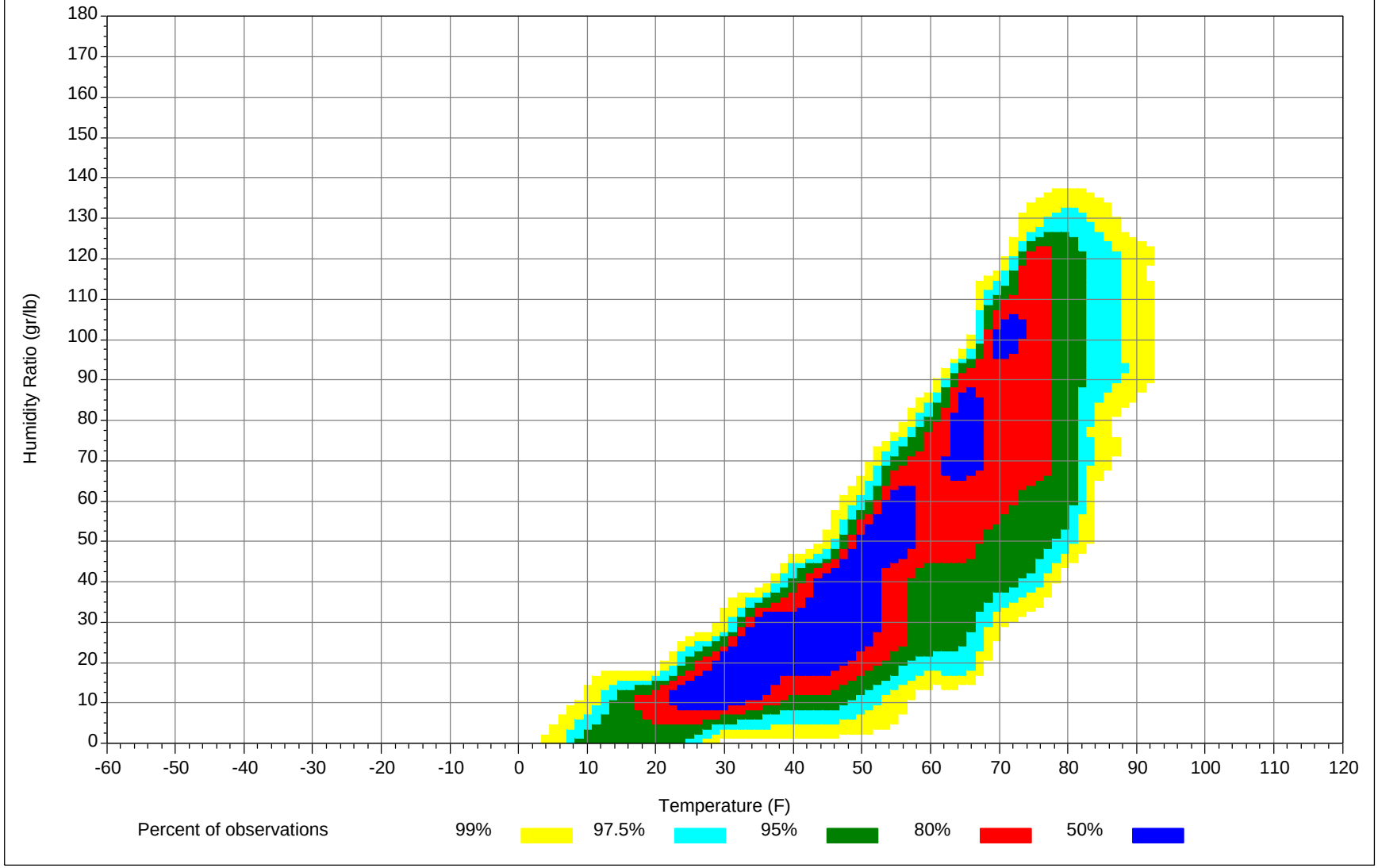
Other Site Data

Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
7	2.7	120	2.0 + 0.4
Ground Water Temperature (°F) 50 Foot Depth*	Frost Depth 50 Year Recurrence (in)	Ground Snow Load 50 Year Recurrence (lb/ft^2)	Average Annual Freeze-Thaw Cycles (#)
55.5	N/A	24	50

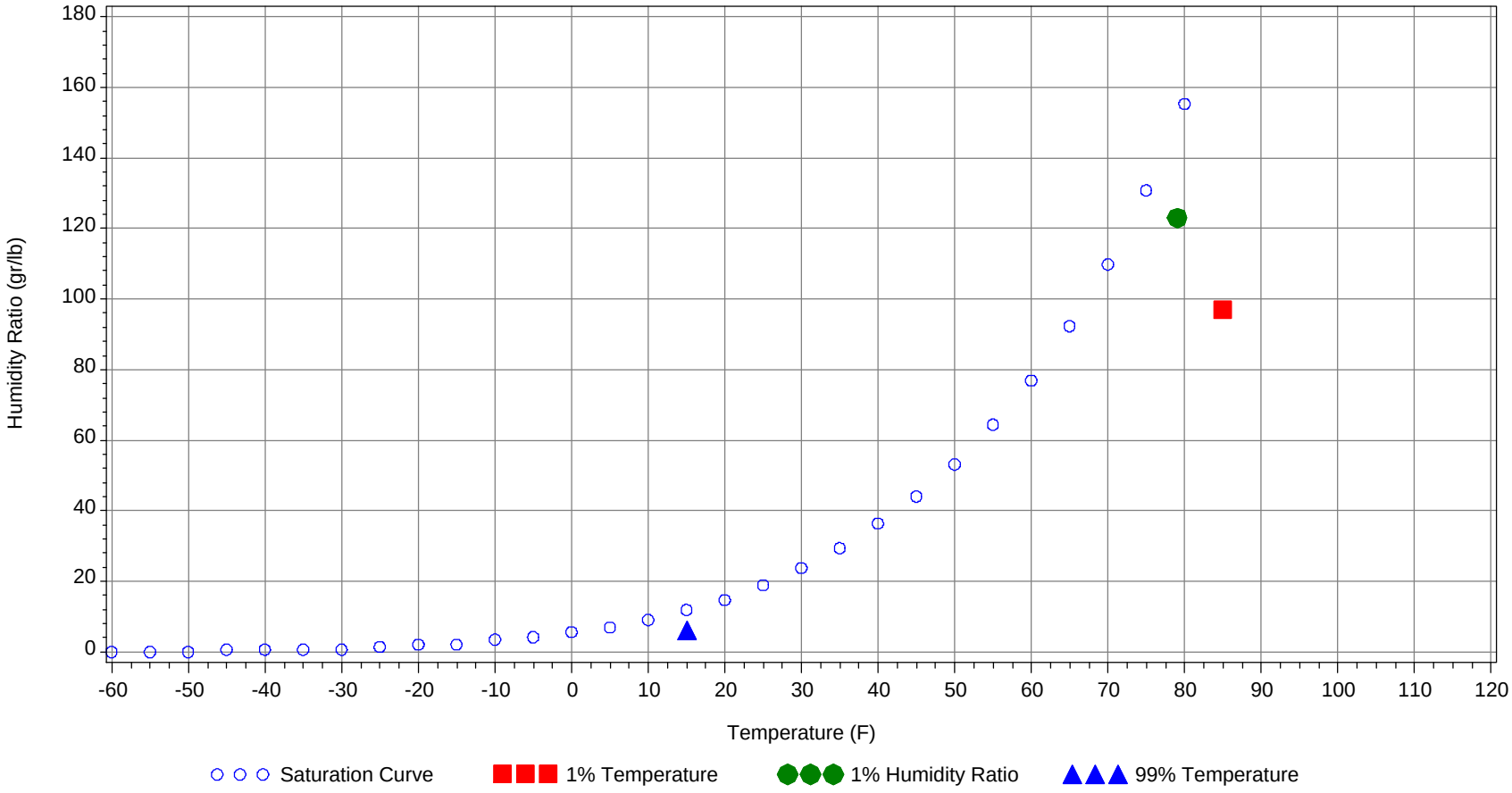
*Note: Temperatures at greater depths can be estimated by adding 1.5°F per 100 feet additional depth.


Average Annual Climate
Precipitation (Inches)
Temperature (F)
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
120
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
J
F
M
A
M
J
J
A
S
O
N
D
Mean Precipitation
Mean Temperature
Mean Dewpoint

Long Term Psychrometric Summary



Psychrometric Summary of Peak Design Values



	(°F) / (gr/lb)	MCDB (°F)	MCWB (°F)	MCDP (°F)	MCHR (gr/lb)	Enthalpy (btu/lb)
1.0% Dry Bulb	85.0		72		97.0	35.8
99.0% Dry Bulb	15.0				6.0	4.5
1.0% Humidity Ratio	123.0	79.0	74.9	73.0		38.2

Dry-Bulb Temperature Hours For An Average Year

	January					February					March				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
95/ 99															
90/ 94															
85/ 89															
80/ 84												0	0	0	60.7
75/ 79												0	0	0	57.6
70/ 74												1	0	1	57.2
65/ 69			0	0	54			0	0	52		1	1	2	53.8
60/ 64		0	0	0	52.9		1	0	1	50.5	0	6	2	8	51.1
55/ 59	1	2	1	4	52.7	0	2	1	3	46.8	1	13	7	21	47.9
50/ 54	3	8	4	15	48.3	1	9	4	14	45.6	7	30	17	54	45
45/ 49	9	24	15	48	42.2	5	25	14	44	41.1	27	55	46	128	41.3
40/ 44	19	34	26	79	38.2	15	30	25	70	37.8	33	46	46	125	37.6
35/ 39	44	57	59	160	33.6	46	57	62	165	33.5	70	54	70	194	33.4
30/ 34	49	47	53	149	28.5	51	45	52	148	28.4	56	26	36	118	28.2
25/ 29	46	35	40	121	23.4	46	31	34	111	23.2	31	11	16	58	23.4
20/ 24	25	17	20	62	18.8	25	14	16	55	18.8	12	4	5	21	18.4
15/ 19	27	16	17	60	14.7	21	9	12	42	14.4	7	2	3	12	14.4
10/ 14	14	6	8	28	9.6	10	2	3	15	10	3	0	0	3	9.9
5/ 9	7	2	4	13	5.2	4	1	1	6	5.4					
0/ 4	4	1	1	6	0.8	1	0	0	1	0.8					
-5/ -1	0			0	-3	0	0		0	-4					
-10/ -6						0			0	-6.7					

Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary and the ventilation and infiltration load pages in this manual.

Dry-Bulb Temperature Hours For An Average Year

	April					May					June				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
95/ 99												0	0	0	75.9
90/ 94							0	0	0	72.5		3	1	4	72.9
85/ 89		0	0	0	67		1	0	1	69.8		9	2	11	71.1
80/ 84		1	0	1	64.2		6	2	8	66.1	1	35	11	47	68.9
75/ 79	0	2	1	3	59.1	1	16	5	22	63.9	7	55	33	95	66.5
70/ 74	0	6	3	9	56.5	4	32	18	54	61	49	65	71	185	65
65/ 69	0	11	4	15	53.8	10	38	26	74	58.1	58	34	54	146	62.2
60/ 64	3	31	16	50	51.4	37	63	55	155	55.7	76	30	49	155	58.5
55/ 59	11	45	32	88	48.4	69	59	74	202	52.5	37	7	18	62	53.7
50/ 54	42	60	60	162	46	83	29	54	166	48.8	11	0	2	13	49.2
45/ 49	79	55	75	209	42.3	36	4	13	53	43.6	1		0	1	44.8
40/ 44	51	20	33	104	38.3	7	0	1	8	39.5					
35/ 39	38	7	14	59	33.7	1			1	35.9					
30/ 34	12	2	3	17	28.8										
25/ 29	2	0	0	2	23.3										
20/ 24	0			0	17.7										
15/ 19															
10/ 14															
5/ 9															
0/ 4															
-5/ -1															
-10/ -6															

Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary and the ventilation and infiltration load pages in this manual.

Dry-Bulb Temperature Hours For An Average Year

	July					August					September				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
95/ 99		1	0	1	75.7		0	0	0	76.2					
90/ 94	0	11	3	14	74.4		5	1	6	75.3		0		0	74.4
85/ 89	1	24	8	33	72.9	0	20	4	24	73.3	0	3	0	3	74.2
80/ 84	7	71	36	114	70.9	3	67	31	101	71	0	20	5	25	70.3
75/ 79	42	75	78	195	69.3	41	85	82	208	69.5	10	53	27	90	68.5
70/ 74	106	50	90	246	67	97	55	91	243	66.6	50	79	76	205	65.5
65/ 69	55	12	25	92	63.2	54	11	27	92	62.4	40	41	49	130	61.1
60/ 64	33	3	7	43	59.1	43	4	11	58	58.6	62	34	51	147	57.2
55/ 59	4	0	1	5	53.7	8	0	1	9	54	42	7	22	71	52.6
50/ 54	0			0	50	0			0	49.4	27	2	8	37	48.4
45/ 49											8	0	2	10	43.7
40/ 44											1		0	1	40
35/ 39											0			0	35.3
30/ 34															
25/ 29															
20/ 24															
15/ 19															
10/ 14															
5/ 9															
0/ 4															
-5/ -1															
-10/ -6															

Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary and the ventilation and infiltration load pages in this manual.

Dry-Bulb Temperature Hours For An Average Year

	October					November					December				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
95/ 99															
90/ 94															
85/ 89		0		0	68.5										
80/ 84		1	0	1	67.4										
75/ 79	0	6	1	7	67.3		0		0	62.3					
70/ 74	5	27	11	43	64.5		1	0	1	62.2		0		0	57.2
65/ 69	14	39	24	77	61.2	0	3	1	4	59.8		0	0	0	56.4
60/ 64	33	64	57	154	56.5	6	24	11	41	56.7	0	2	1	3	55
55/ 59	44	54	54	152	51.2	22	36	30	88	52.4	3	7	4	14	52.7
50/ 54	54	36	50	140	46.8	30	57	47	134	47	12	21	15	48	48.6
45/ 49	51	17	34	102	42.3	49	59	55	163	41.4	23	46	32	101	42.2
40/ 44	25	3	12	40	38.1	33	29	37	99	36.8	27	40	39	106	37.9
35/ 39	18	1	5	24	34.5	55	21	38	114	33	51	54	56	161	33.1
30/ 34	3	0	0	3	30.7	31	7	15	53	28.4	53	38	49	140	28.2
25/ 29	0			0	25.8	9	2	5	16	23.4	42	24	31	97	23.3
20/ 24						4	0	1	5	19.6	18	10	13	41	18.8
15/ 19						1			1	16.9	14	4	7	25	14.9
10/ 14											4	1	1	6	10.1
5/ 9											2	0	0	2	5.7
0/ 4											0			0	2
-5/ -1															
-10/ -6															

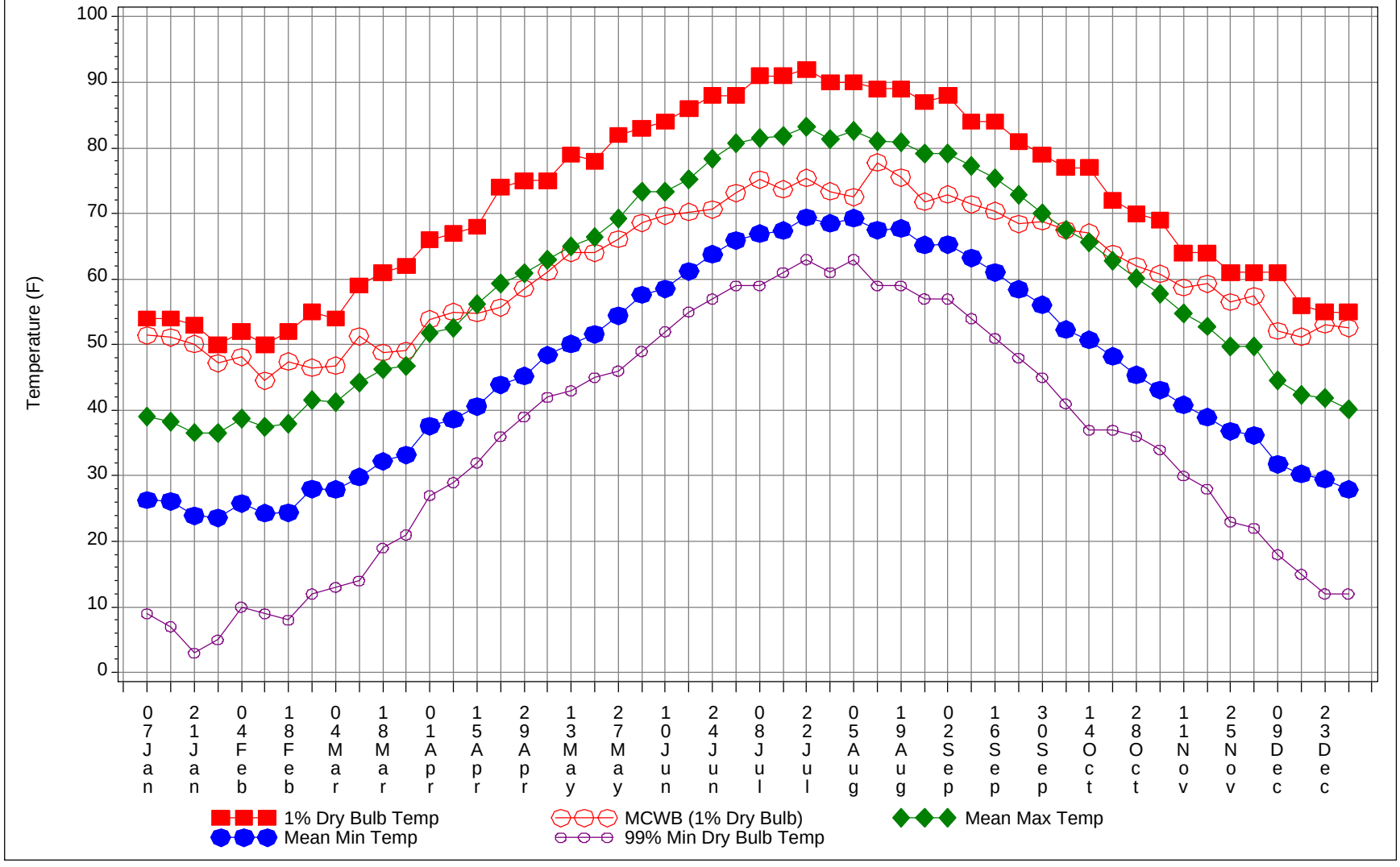
Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary and the ventilation and infiltration load pages in this manual.

Dry-Bulb Temperature Hours For An Average Year

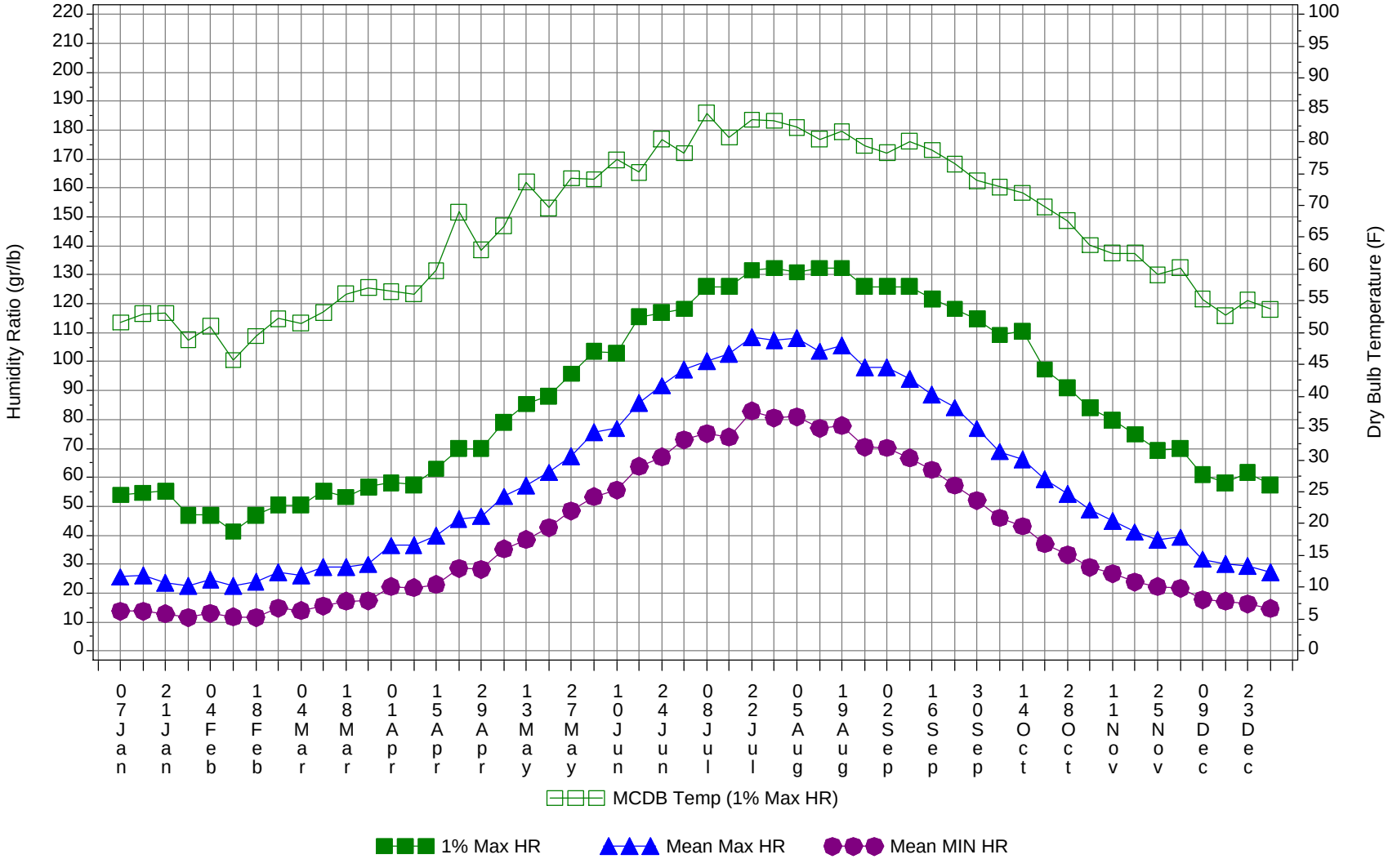
	Annual				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
95/ 99		1	0	1	75.9
90/ 94	0	20	5	25	74.4
85/ 89	1	58	15	74	72.7
80/ 84	12	202	85	299	70.4
75/ 79	101	293	226	620	68.6
70/ 74	312	315	360	987	65.6
65/ 69	232	190	210	632	61.3
60/ 64	293	260	259	812	56.8
55/ 59	242	232	244	718	51.7
50/ 54	272	253	261	786	47.2
45/ 49	287	285	286	858	42
40/ 44	211	203	220	634	37.8
35/ 39	323	252	305	880	33.4
30/ 34	255	165	208	628	28.4
25/ 29	176	102	126	404	23.3
20/ 24	84	45	55	184	18.8
15/ 19	70	30	38	138	14.6
10/ 14	31	10	13	54	9.8
5/ 9	13	3	5	21	5.3
0/ 4	5	1	1	7	0.9
-5/ -1	0	0		0	-3.6
-10/ -6	0			0	-6.7

Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary and the ventilation and infiltration load pages in this manual.

Annual Summary of Temperatures



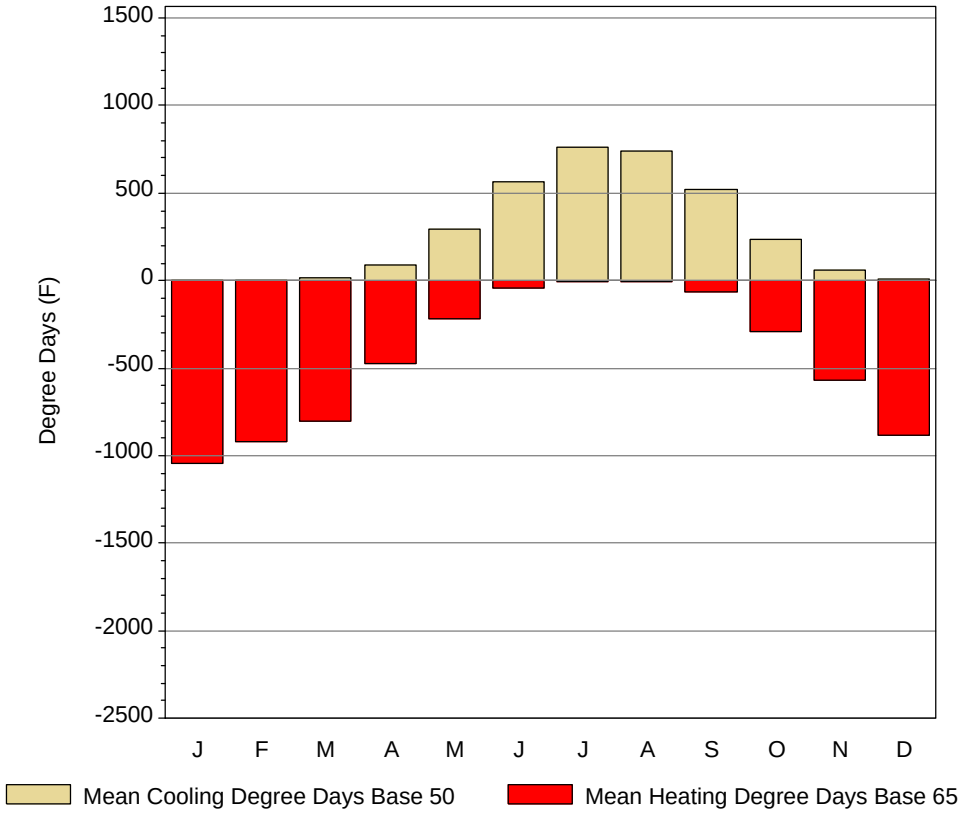
Long Term Humidity and Dry Bulb Temperature Summary



Long Term Humidity and Dry Bulb Temperature Summary

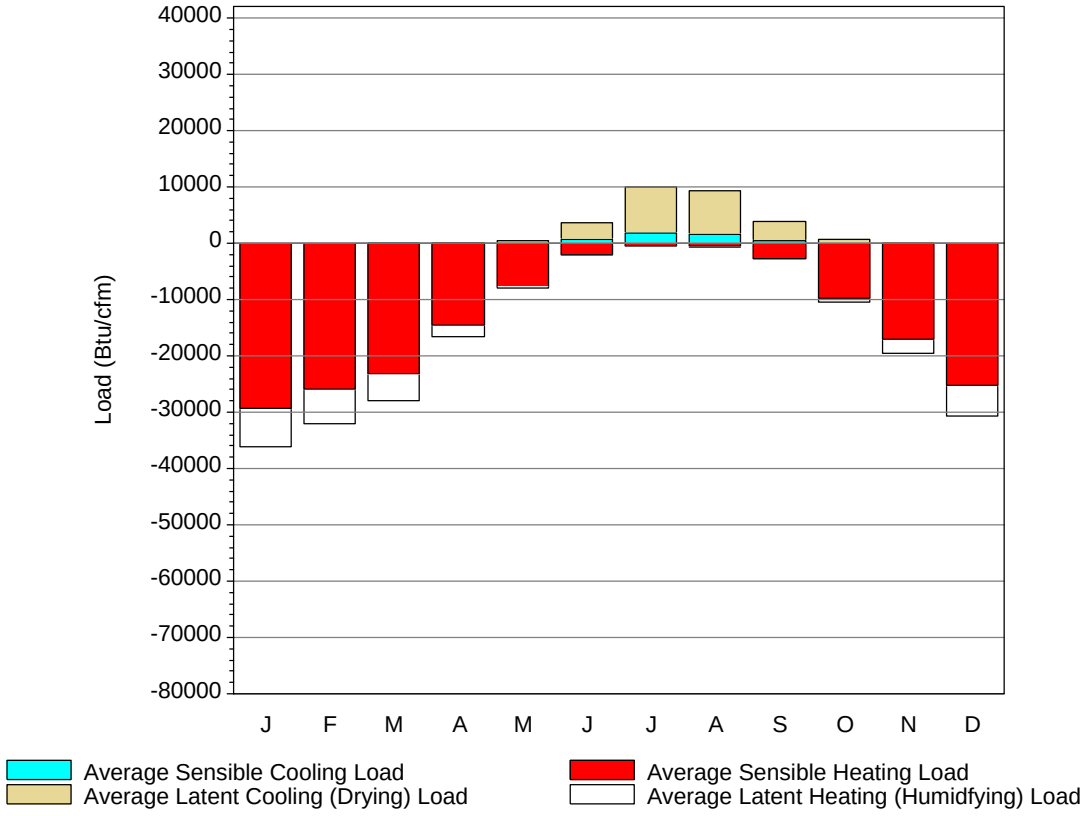
Week Ending	1.0% Temp (°F)	MCWB@ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB@ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	54	51.4	39	26.3	9	53.9	51.6	25.6	13.8
14-Jan	54	51.1	38.3	26.1	7	54.6	53	26	13.7
21-Jan	53	50.1	36.6	23.9	3	55.3	53.1	23.6	12.8
28-Jan	50	47.2	36.5	23.6	5	46.9	48.9	22.6	11.6
4-Feb	52	48.1	38.7	25.8	10	46.9	51	24.7	13
11-Feb	50	44.5	37.5	24.3	9	41.3	45.7	22.5	11.7
18-Feb	52	47.4	38	24.4	8	46.9	49.5	23.9	11.6
25-Feb	55	46.5	41.6	28	12	50.4	52.2	27.3	14.8
4-Mar	54	46.8	41.2	27.9	13	50.4	51.5	26	13.9
11-Mar	59	51.3	44.3	29.8	14	55.3	53.2	29.1	15.6
18-Mar	61	48.8	46.2	32.2	19	53.2	56.1	29.1	17.1
25-Mar	62	49.1	46.7	33.2	21	56.7	57.1	29.9	17.4
1-Apr	66	53.9	51.8	37.6	27	58.1	56.5	36.4	22.2
8-Apr	67	55	52.6	38.6	29	57.4	56.1	36.7	21.9
15-Apr	68	54.8	56.2	40.6	32	63	59.8	39.8	22.9
22-Apr	74	55.7	59.4	43.9	36	70	69	45.6	28.5
29-Apr	75	58.6	60.9	45.2	39	70	63	46.5	28.2
6-May	75	61.1	63	48.4	42	79.1	66.8	53.4	35.3
13-May	79	64	65	50.1	43	85.4	73.7	57.1	38.5
20-May	78	64	66.4	51.6	45	88.2	69.6	61.7	42.6
27-May	82	66.1	69.2	54.4	46	95.9	74.3	67.4	48.5
4-Jun	83	68.6	73.3	57.6	49	103.6	74.1	75.5	53.3
10-Jun	84	69.7	73.4	58.5	52	102.9	77.2	76.9	55.7
17-Jun	86	70.2	75.2	61.2	55	115.5	75.2	85.8	63.8
24-Jun	88	70.6	78.3	63.8	57	116.9	80.4	91.7	67
1-Jul	88	73.1	80.7	65.9	59	118.3	78.2	97.3	73
8-Jul	91	75.2	81.5	66.9	59	126	84.5	100.1	75.1
15-Jul	91	73.7	81.8	67.4	61	126	80.7	102.8	73.9
22-Jul	92	75.4	83.2	69.4	63	131.6	83.5	108.5	82.9
29-Jul	90	73.4	81.4	68.5	61	132.3	83.3	107.5	80.6
5-Aug	90	72.5	82.6	69.3	63	130.9	82.3	108.2	80.9
12-Aug	89	77.8	81	67.5	59	132.3	80.4	103.6	77
19-Aug	89	75.5	80.8	67.7	59	132.3	81.6	105.7	77.9
26-Aug	87	71.8	79.2	65.2	57	126	79.4	98.1	70.5
2-Sep	88	72.9	79.1	65.3	57	126	78.3	97.9	70.2
9-Sep	84	71.4	77.3	63.2	54	126	80.1	94	66.7
16-Sep	84	70.4	75.3	61	51	121.8	78.7	88.5	62.6
23-Sep	81	68.4	72.9	58.4	48	118.3	76.5	84.1	57.2
30-Sep	79	68.8	70	56.1	45	114.8	73.9	76.9	52
7-Oct	77	67.5	67.5	52.3	41	109.2	72.9	68.9	46
14-Oct	77	67.1	65.6	50.7	37	110.6	72	66.2	43.1
21-Oct	72	63.9	62.8	48.2	37	97.3	69.8	59.4	37
28-Oct	70	62	60.1	45.4	36	91	67.6	54.3	33.2
4-Nov	69	60.8	57.7	43.1	34	84	63.8	48.7	28.9
11-Nov	64	58.7	54.8	40.8	30	79.8	62.5	44.9	26.8
18-Nov	64	59.3	52.8	38.9	28	74.9	62.5	41.1	23.8
25-Nov	61	56.5	49.8	36.8	23	69.3	59.1	38.4	22.3
2-Dec	61	57.4	49.7	36.2	22	70	60.2	39.3	21.7
9-Dec	61	52.1	44.5	31.8	18	60.9	55.3	31.7	17.7
16-Dec	56	51.2	42.4	30.3	15	58.1	52.7	30	17.2
23-Dec	55	53.1	41.8	29.5	12	61.6	55.1	29.3	16.2
31-Dec	55	52.5	40.2	27.9	12	57.4	53.7	27.3	14.6

Degree Days, Heating and Cooling
(Base 65 F) & Cooling (Base 50F)



Month	Mean Cooling Degree Days (°F) Base 50	Mean Cooling Degree Days (°F) Base 65	Mean Heating Degree Days (°F) Base 65
JAN	2.1	0	1041.8
FEB	2.1	0	917.1
MAR	16.1	0.7	800
APR	86.7	6	476.1
MAY	290.9	38.2	221.1
JUN	561.7	155.3	43.7
JUL	762.3	302.3	5.1
AUG	737.2	280.8	8.6
SEP	518.1	132.3	65.8
OCT	234.7	20.8	292.7
NOV	59.7	0.5	565.2
DEC	9.3	0	883.6
ANN	3280.9	936.9	5320.8

Average Ventilation and Infiltration Loads
(Outside Air vs 75F, 60% RH summer; 68F, 30% RH winter)



Month	Average Sensible Cooling Load (Btu/cfm)	Average Sensible Heating Load (Btu/cfm)	Average Latent Cooling Load (Btu/cfm)	Average Latent Heating Load (Btu/cfm)
JAN	0	-29413	0	-6772
FEB	0	-25969	0	-6073
MAR	2	-23139	0	-4730
APR	17	-14601	2	-1953
MAY	122	-7726	319	-292
JUN	719	-2073	3011	-12
JUL	1904	-383	8070	-1
AUG	1550	-543	7800	-11
SEP	391	-2730	3586	-28
OCT	21	-9697	615	-649
NOV	0	-16974	17	-2630
DEC	0	-25313	0	-5327
ANN	4726	-158561	23420	-28478

Station Information		Shading Geometry in Dimensionless Units	
City, State, WBAN	BRIDGEPORT, CT 94702	Window:	1.000
Lat, Lon, Elev	41.17N 73.13W 7ft	Overhang:	0.567
Press, Stn_Type	14.7psia Secondary	Vert Gap:	0.325

AVERAGE INCIDENT SOLAR RADIATION (Btu/sq.ft./day) Percentage Uncertainty = 11

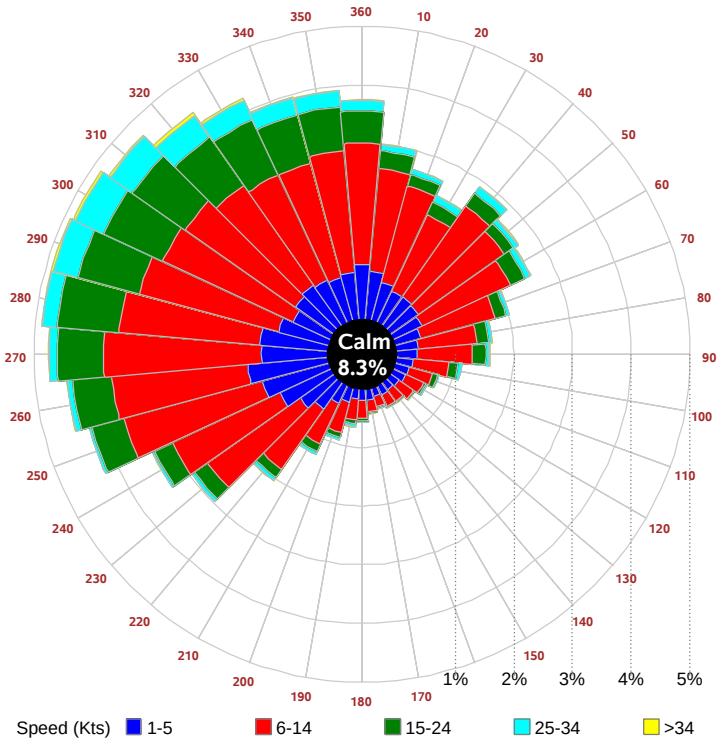
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ.	Global	590	840	1160	1480	1720	1860	1850	1640	1330	970	620	490	1210
	Std.Dev.	35	65	75	102	121	124	104	90	83	62	48	38	21
	Minimum	540	690	1010	1290	1500	1560	1590	1390	1200	870	530	390	1170
	Maximum	680	1000	1310	1700	1940	2080	2000	1820	1490	1100	720	540	1260
	Diffuse	290	410	540	700	820	880	850	750	590	430	310	260	570
Clear Day	Global	830	1170	1650	2140	2460	2580	2490	2200	1770	1270	870	710	1680
NORTH	Global	190	250	330	430	530	590	560	470	370	280	190	160	360
	Diffuse	190	250	330	420	490	530	510	450	370	280	190	160	350
Clear Day	Global	180	240	320	430	570	670	620	470	360	260	190	160	370
EAST	Global	410	560	720	870	960	1010	1000	940	800	630	410	340	720
	Diffuse	230	310	410	510	590	620	610	560	460	340	240	200	420
Clear Day	Global	630	830	1080	1290	1410	1430	1390	1290	1110	870	640	560	1050
SOUTH	Global	990	1090	1060	950	830	790	830	940	1060	1120	930	850	950
	Diffuse	340	410	480	530	560	580	580	560	510	430	330	290	470
Clear Day	Global	1800	1890	1780	1440	1130	980	1030	1270	1590	1780	1740	1700	1510
WEST	Global	410	550	710	850	950	1020	1020	930	790	610	400	330	720
	Diffuse	230	310	410	510	590	630	620	560	460	340	240	190	430
Clear Day	Global	630	830	1080	1290	1410	1430	1390	1290	1110	870	640	560	1050

AVERAGE TRANSMITTED SOLAR RADIATION (Btu/sq.ft./day) FOR DOUBLE GLAZING Percentage Uncertainty = 11														
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ.	Unshaded	380	570	820	1060	1240	1350	1340	1190	950	670	400	310	860
NORTH	Unshaded	130	180	230	290	350	390	370	320	250	190	140	110	250
	Shaded	110	150	200	260	310	340	330	280	230	170	120	96	220
EAST	Unshaded	280	390	510	620	680	710	700	660	560	440	290	230	510
	Shaded	250	340	440	520	570	590	590	560	480	390	250	210	430
SOUTH	Unshaded	750	800	740	630	530	490	510	600	720	810	690	650	660
	Shaded	730	740	580	400	340	350	350	380	510	710	670	630	530
WEST	Unshaded	280	380	500	600	670	720	720	660	560	430	280	230	500
	Shaded	250	330	430	510	560	600	600	550	480	380	250	200	430

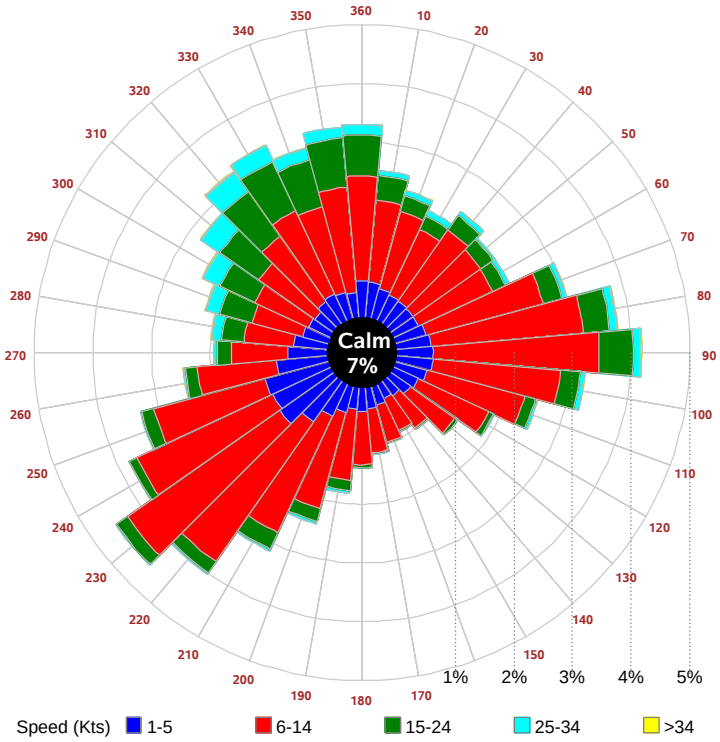
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS Percentage Uncertainty = 11											
				March					June		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	40	70	77	58	21	50	84	99	91	63
	M.Cloudy	22	41	45	35	13	29	51	67	62	41
NORTH	M.Clear	10	14	15	12	7	16	17	17	17	15
	M.Cloudy	9	15	16	13	6	13	17	19	19	15
EAST	M.Clear	70	51	15	12	7	75	68	26	17	15
	M.Cloudy	24	26	16	13	6	30	36	24	19	15
SOUTH	M.Clear	42	74	81	61	22	13	36	49	43	20
	M.Cloudy	17	34	39	29	9	12	24	35	31	17
WEST	M.Clear	10	14	27	66	56	13	17	17	55	77
	M.Cloudy	9	15	20	30	18	12	17	19	37	40
M.Clear	(% hrs)	37	35	33	32	35	38	37	33	32	34

				Sept					Dec		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	29	65	80	72	41	14	37	41	22	0
	M.Cloudy	17	39	53	46	25	9	21	23	13	0
NORTH	M.Clear	9	14	16	15	11	5	9	10	7	0
	M.Cloudy	7	14	17	16	10	4	9	9	6	0
EAST	M.Clear	62	64	23	15	11	36	33	10	7	0
	M.Cloudy	20	31	20	16	10	10	15	9	6	0
SOUTH	M.Clear	23	59	75	66	34	36	76	82	51	0
	M.Cloudy	11	29	42	36	17	10	25	27	16	0
WEST	M.Clear	9	14	16	55	68	5	9	23	42	0
	M.Cloudy	7	14	17	31	29	4	9	13	14	0
M.Clear	(% hrs)	43	45	39	41	41	34	34	33	34	36

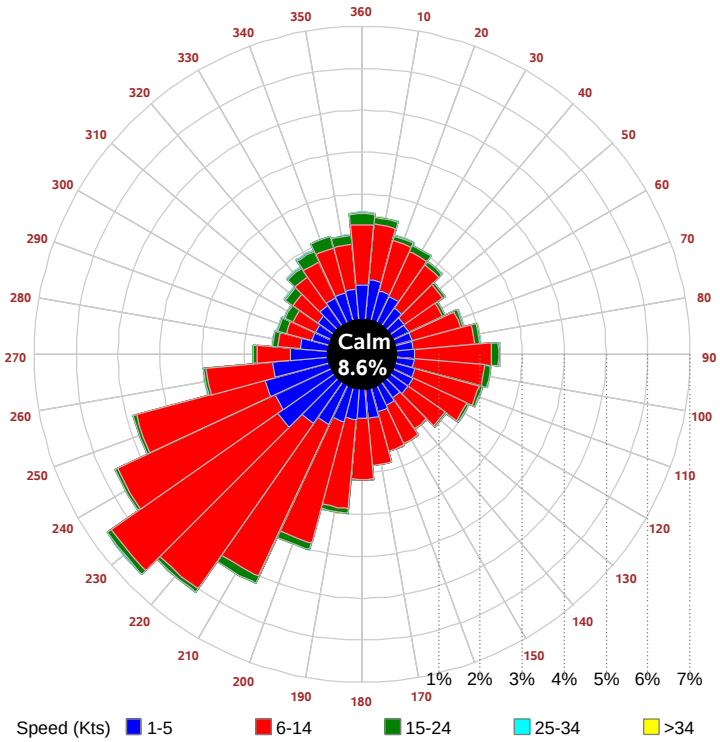
Wind Summary - December, January, and February



Wind Summary - March, April, and May



Wind Summary - June, July, and August



Wind Summary - September, October, and November