

BRIDGEPORT/SIKORSKI CT

Latitude = 41.17 N

WMO No. 725040

Longitude = 73.13 W

Elevation = 16 feet

Period of Record = 1973 to 1995

Average Pressure = 29.98 inches Hg

Design Criteria Data

	Design Value	Mean Coincident (Average) Values			
		Wet Bulb Temperature (°F)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Dry Bulb Temperature (T)	(°F)				
Median of Extreme Highs	94	76	108	12.4	WSW
0.4% Occurrence	88	73	101	12.3	SW
1.0% Occurrence	85	72	100	12.1	SW
2.0% Occurrence	83	71	96	11.6	SW
Mean Daily Range	14	-	-	-	-
97.5% Occurrence	19	16	8	13.2	NW
99.0% Occurrence	14	12	6	13.4	WNW
99.6% Occurrence	9	7	4	13.5	NW
Median of Extreme Lows	3	1	3	12.5	NW
	Design Value	Mean Coincident (Average) Values			
		Dry Bulb Temperature (°F)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Wet Bulb Temperature (T_{wb})	(°F)				
Median of Extreme Highs	79	87	133	12.3	SW
0.4% Occurrence	77	84	126	11.3	SW
1.0% Occurrence	75	82	118	10.8	SW
2.0% Occurrence	74	80	115	10.8	WSW
	Design Value	Mean Coincident (Average) Values			
		Dry Bulb Temperature (°F)	Vapor Pressure (in. Hg)	Wind Speed (mph)	Prevailing Direction (NSEW)
Humidity Ratio (HR)	(gr/lb)				
Median of Extreme Highs	140	83	0.94	12.2	SSW
0.4% Occurrence	128	80	0.85	11.2	SW
1.0% Occurrence	123	79	0.82	9.6	WSW
2.0% Occurrence	118	79	0.79	9.9	SW
Air Conditioning/ Humid Area Criteria	# of Hours	T ≥ 93°F	T ≥ 80°F	T _{wb} ≥ 73°F	T _{wb} ≥ 67°F
		5	417	305	1261

Other Site Data

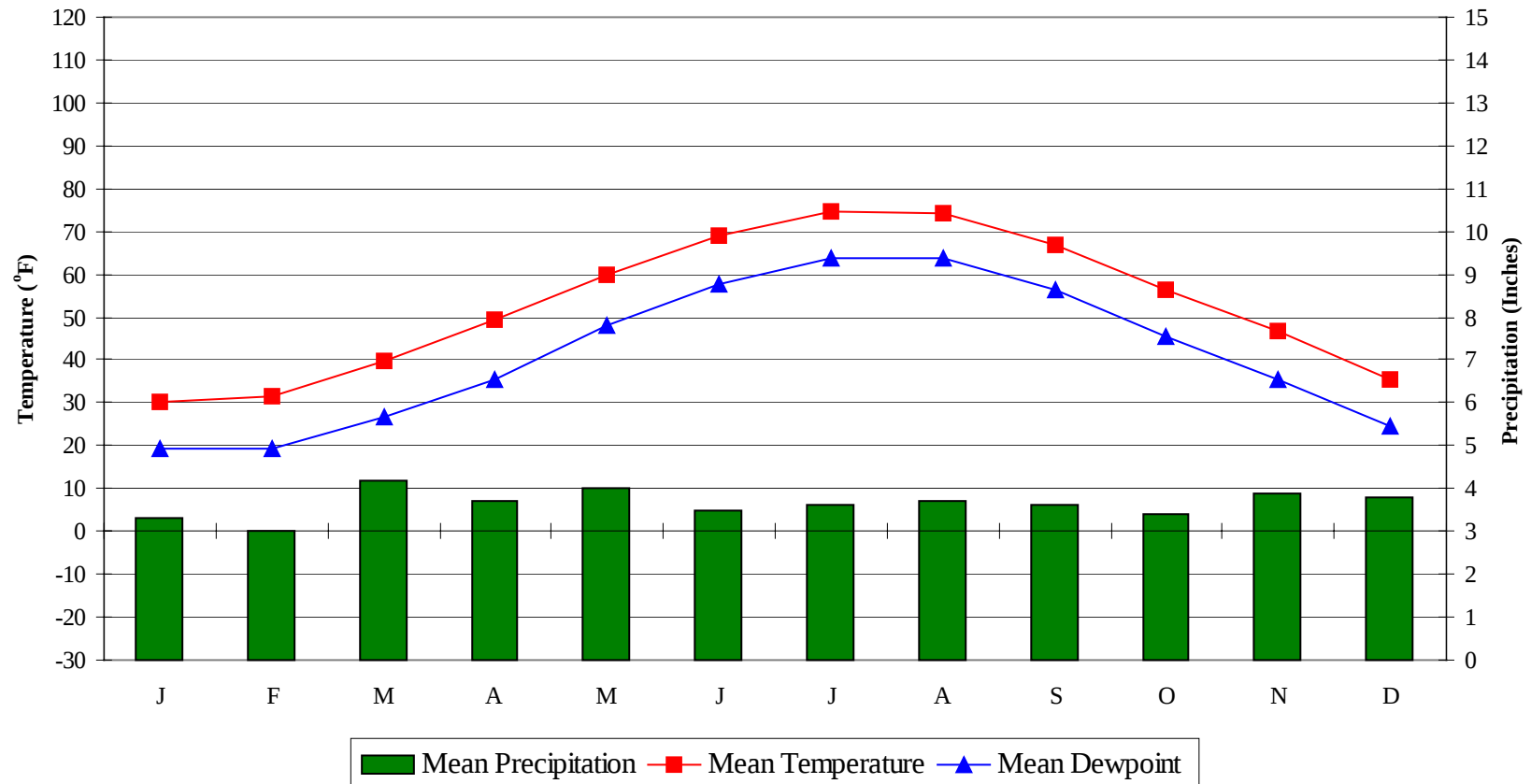
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
7	2.7	120	1.5 + 0.4
Ground Water Temperature (°F) 50 Foot Depth *	Frost Depth 50 Year Recurrence (in.)	Ground Snow Load 50 Year Recurrence (lb/ft ²)	Average Annual Freeze-Thaw Cycles (#)
55.3	N/A	24	50

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

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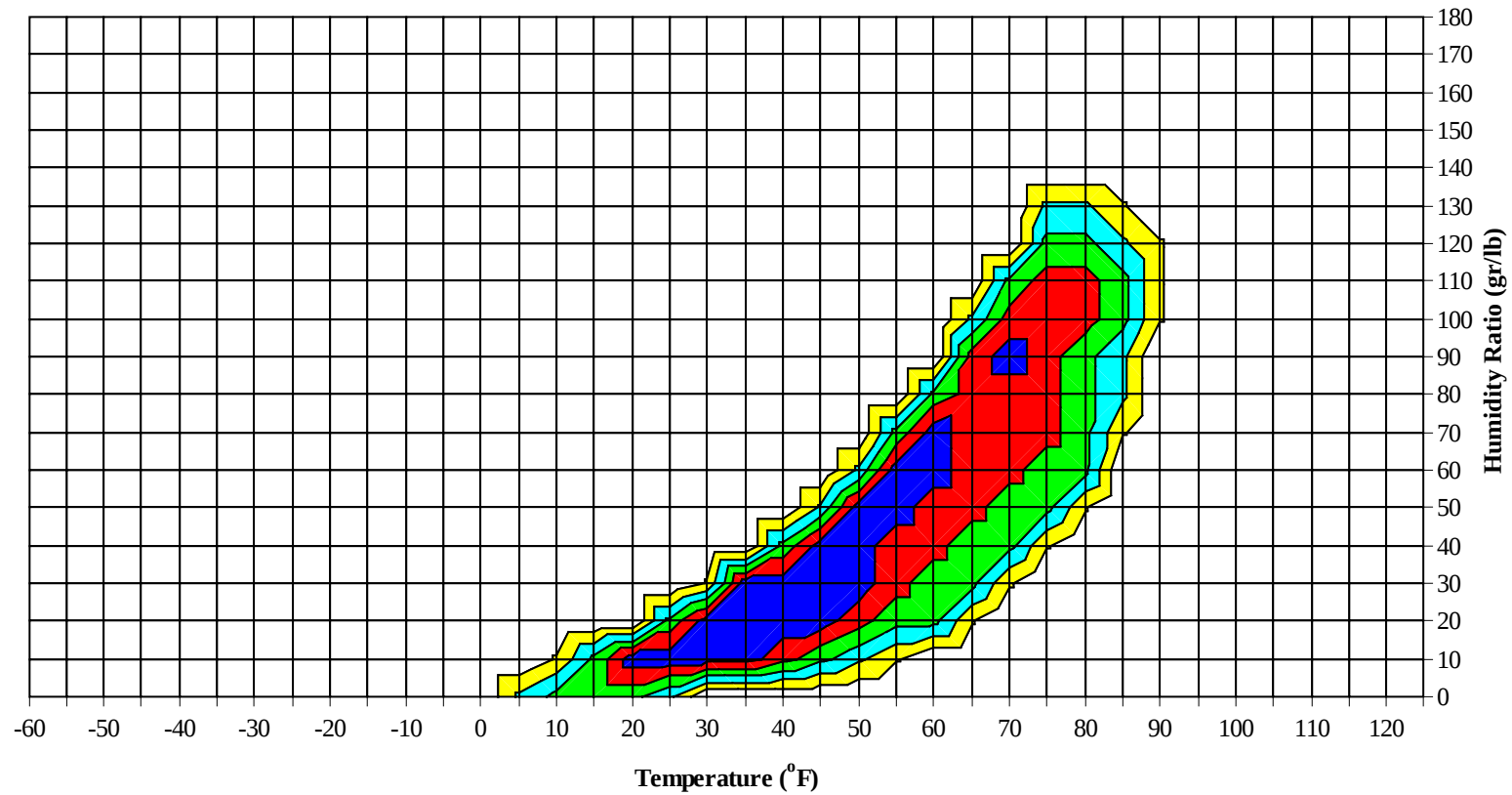
Average Annual Climate



BRIDGEPORT/SIKORSKI CT

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Long Term Psychrometric Summary

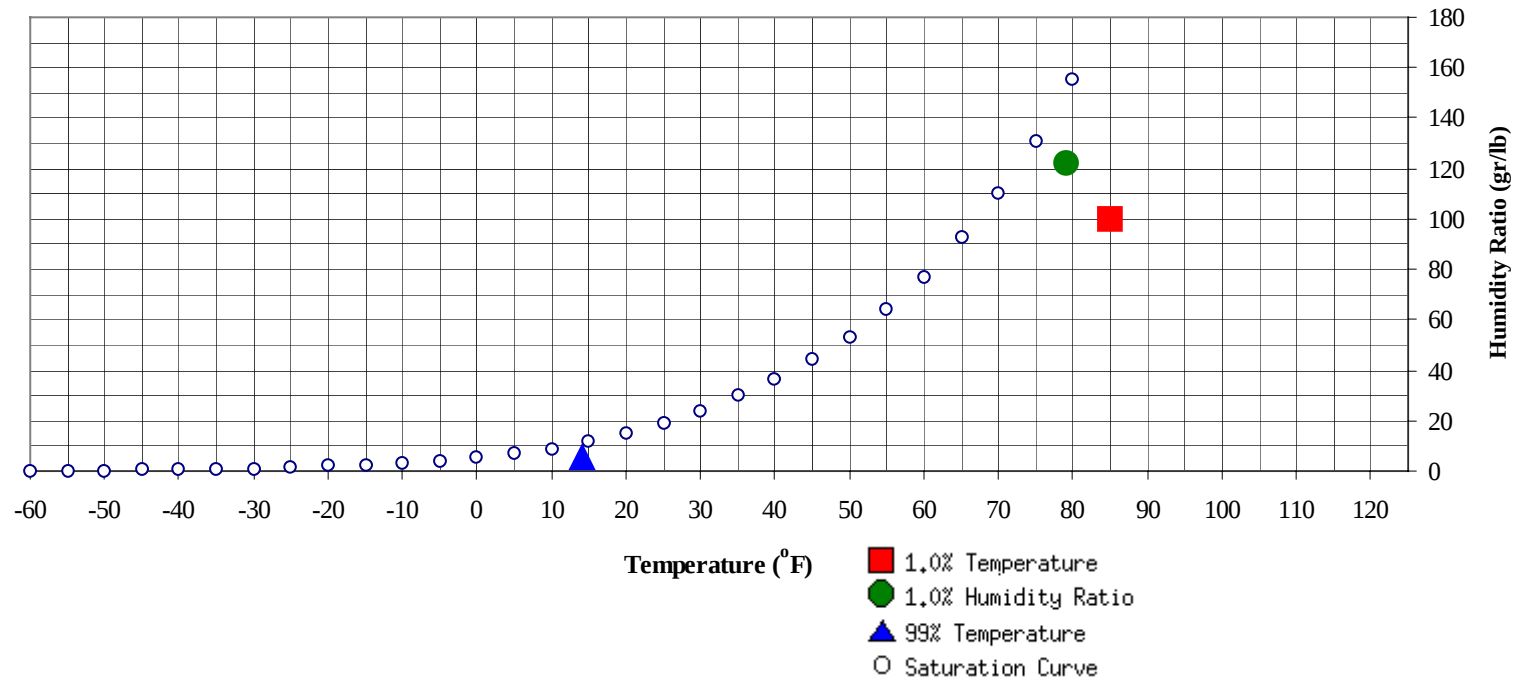


- 50% of all observations
- 80% of all observations
- 95% of all observations
- 97.5% of all observations
- 99% of all observations

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Psychrometric Summary of Peak Design Values



99% Dry Bulb	(°F)	MCHR (gr/lb)	Enthalpy (btu/lb)	1.0% Humidity Ratio	(gr/lb)	MCDB (°F)	MCWB (°F)	MC Dewpt (°F)	Enthalpy (btu/lb)
	14	5.8	4.2		122.5	79.2	74.8	73	38.2

1.0% Dry Bulb	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
	85	99.8	72.4	36.1

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Dry-Bulb Temperature Hours For An Average Year (Sheet 1 of 5)

Period of Record = 1973 to 1995

Temperature Range (°F)	January					February					March				
	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00		
95 / 99															
90 / 94															
85 / 89															
80 / 84															
75 / 79															
70 / 74												1	0	1	56.4
65 / 69							0		0			2	0	2	53.1
60 / 64		0	0	0	54.9		0		0	49.4	0	4	1	5	50.6
55 / 59	0	1	1	2	52.2		2	0	2	47.9	0	13	6	19	48.0
50 / 54	1	5	3	9	48.2	0	7	2	9	45.7	5	32	18	55	44.9
45 / 49	5	14	9	28	43.0	5	16	10	31	42.1	22	47	43	112	41.4
40 / 44	13	38	26	77	38.2	12	35	28	75	37.7	47	60	63	170	37.4
35 / 39	37	54	48	139	33.4	37	49	52	137	33.4	66	51	64	181	33.1
30 / 34	50	48	55	153	28.7	46	48	51	145	28.3	53	24	33	110	28.2
25 / 29	38	39	44	121	23.8	35	33	37	105	23.2	26	11	15	52	23.4
20 / 24	40	24	31	95	19.1	38	20	25	83	19.0	18	3	5	27	19.0
15 / 19	29	13	17	59	14.8	28	10	14	51	14.3	5	1	1	7	14.2
10 / 14	17	7	10	33	10.1	14	4	5	23	10.1	3	0	0	3	9.9
5 / 9	10	3	4	17	5.3	7	1	1	8	5.3	1	0		1	4.9
0 / 4	6	1	1	8	1.0	3	0	0	3	0.9		0		0	
-5 / -1	1	0	0	1	-3.5	0	0	0	0	-2.5		0		0	
-10 / -6							0	0	0			0		0	

Caution: This summary reflects the typical distribution of temperature in a typical year. It does not reflect the typical moisture 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.

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Dry-Bulb Temperature Hours For An Average Year (Sheet 2 of 5)

Period of Record = 1973 to 1995

Temperature Range (°F)	April					May					June				
	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00		
95 / 99												0	0	0	76.8
90 / 94							0	0	0	72.8		2	0	2	72.6
85 / 89		0		0	67.0		2	1	3	69.6		8	2	10	71.3
80 / 84		1	0	1	63.0		5	2	7	66.3	1	25	10	36	68.5
75 / 79		2	1	3	60.0	1	16	5	22	63.9	7	55	30	92	66.1
70 / 74	0	4	2	6	57.6	3	32	16	51	60.6	32	69	67	167	64.0
65 / 69	1	13	6	21	53.9	14	46	36	97	58.2	75	49	73	197	61.8
60 / 64	4	26	14	44	51.1	42	60	56	158	55.4	71	24	40	135	58.1
55 / 59	12	44	34	90	48.5	67	55	68	190	52.2	38	7	14	59	53.9
50 / 54	38	60	57	155	45.6	71	27	49	146	48.4	13	2	4	19	49.1
45 / 49	61	53	65	178	42.1	35	6	12	52	44.0	2		0	2	45.4
40 / 44	72	29	43	144	38.5	13	1	2	16	39.2	0			0	
35 / 39	33	6	13	52	33.1	2	0	0	2	35.4					
30 / 34	15	2	3	19	28.3										
25 / 29	2	1	1	4	23.5										
20 / 24	1	0	0	1	19.5										
15 / 19			0	0	17.0										
10 / 14															
5 / 9															
0 / 4															
-5 / -1															
-10 / -6															

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Dry-Bulb Temperature Hours For An Average Year (Sheet 3 of 5)

Period of Record = 1973 to 1995

Temperature Range (°F)	July					August					September				
	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00		
95 / 99		1	0	1	76.9		0	0	0	76.0					
90 / 94		7	2	10	75.3		3	1	4	75.7		0	0	0	74.7
85 / 89	1	27	10	38	72.8	1	27	7	36	73.6	0	5	1	6	74.9
80 / 84	6	69	37	112	70.6	5	60	31	95	71.5	1	14	5	21	71.6
75 / 79	34	75	76	185	69.0	47	82	90	218	69.6	12	43	27	81	68.8
70 / 74	100	50	86	236	67.1	88	55	78	220	66.5	34	67	58	159	65.3
65 / 69	71	16	29	116	63.4	60	16	30	106	62.5	47	64	63	174	60.8
60 / 64	27	2	7	36	58.8	33	5	9	46	58.5	50	34	50	134	56.7
55 / 59	8	0	1	9	53.4	13	1	2	16	54.3	48	12	25	84	52.7
50 / 54	1			1	49.7	2	0	0	2	49.2	32	2	9	43	48.5
45 / 49						0			0	44.3	13	0	2	15	44.5
40 / 44											4		0	4	40.2
35 / 39											0			0	37.7
30 / 34															
25 / 29															
20 / 24															
15 / 19															
10 / 14															
5 / 9															
0 / 4															
-5 / -1															
-10 / -6															

Caution: This summary reflects the typical distribution of temperature in a typical year. It does not reflect the typical moisture 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.

BRIDGEPORT/SIKORSKI CT

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Dry-Bulb Temperature Hours For An Average Year (Sheet 4 of 5)

Period of Record = 1973 to 1995

Temperature Range (°F)	October					November					December				
	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00		
95 / 99															
90 / 94															
85 / 89															
80 / 84		1		1	66.3										
75 / 79	0	5	0	5	67.0		0		0	63.0					
70 / 74	2	22	8	32	64.4		1	0	1	60.4					
65 / 69	14	43	28	86	60.8	0	6	2	8	60.0					
60 / 64	31	60	53	143	56.3	8	21	14	42	57.0	0	1	0	1	56.9
55 / 59	44	55	57	156	51.2	22	38	30	91	52.3	3	4	2	9	53.1
50 / 54	54	41	52	147	46.4	31	55	44	130	46.7	9	18	12	39	47.9
45 / 49	47	17	32	96	42.3	42	49	48	138	41.6	13	34	26	73	42.7
40 / 44	33	5	14	52	38.3	46	42	50	137	36.8	28	50	46	124	37.7
35 / 39	17	0	3	20	34.4	50	19	36	105	32.8	51	57	55	163	32.9
30 / 34	6	0	1	7	31.2	29	7	13	48	28.6	54	39	48	142	28.4
25 / 29	0			0	26.8	10	2	3	15	24.3	40	23	28	92	23.6
20 / 24						3	1	1	4	19.8	24	14	18	57	19.1
15 / 19						0	0	0	0	15.4	13	6	9	28	14.5
10 / 14											7	2	3	11	10.3
5 / 9											3	1	1	4	5.7
0 / 4											1	0	0	1	0.3
-5 / -1											0	0		0	-3.0
-10 / -6															

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Dry-Bulb Temperature Hours For An Average Year (Sheet 5 of 5)

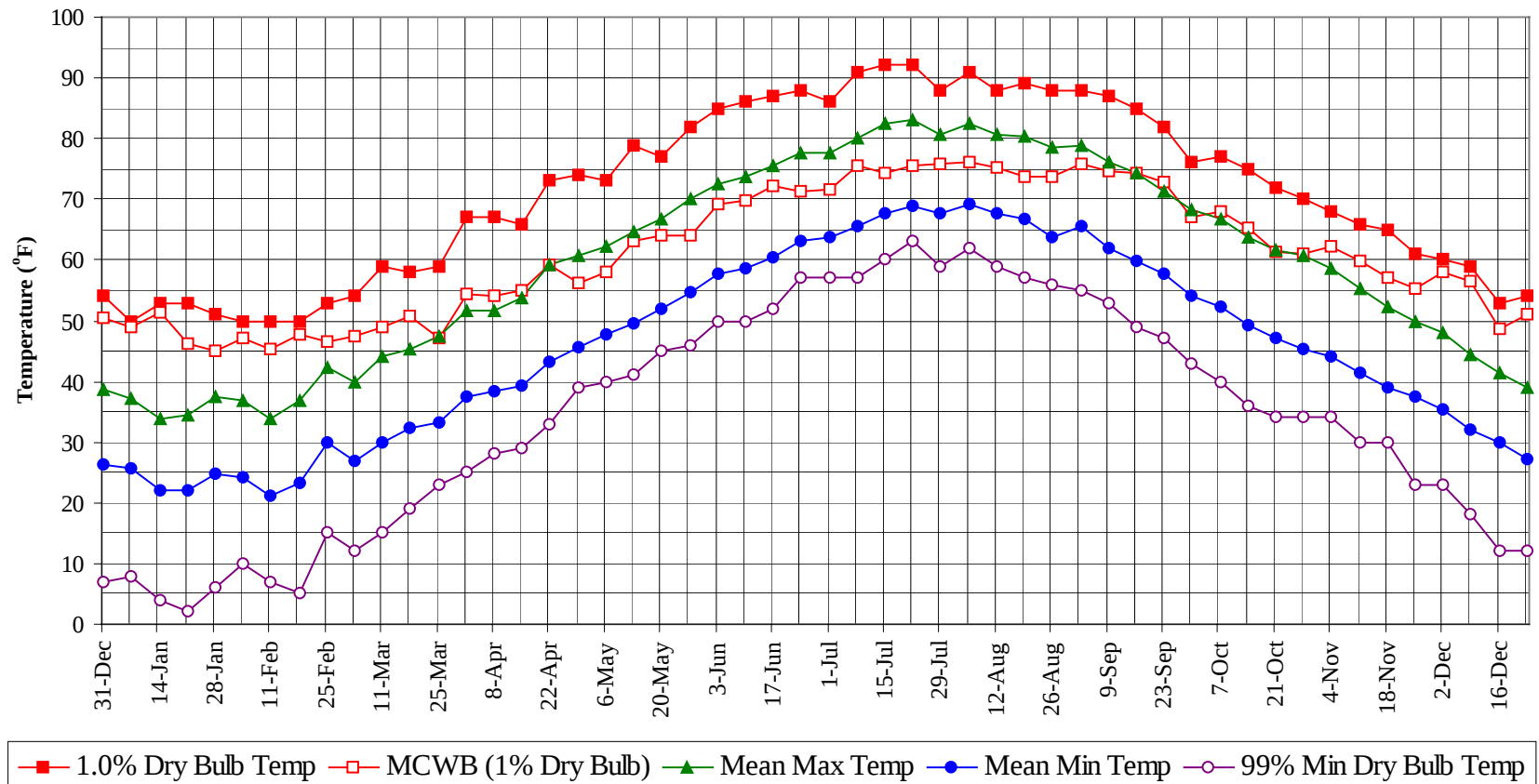
Period of Record = 1973 to 1995

Annual Totals

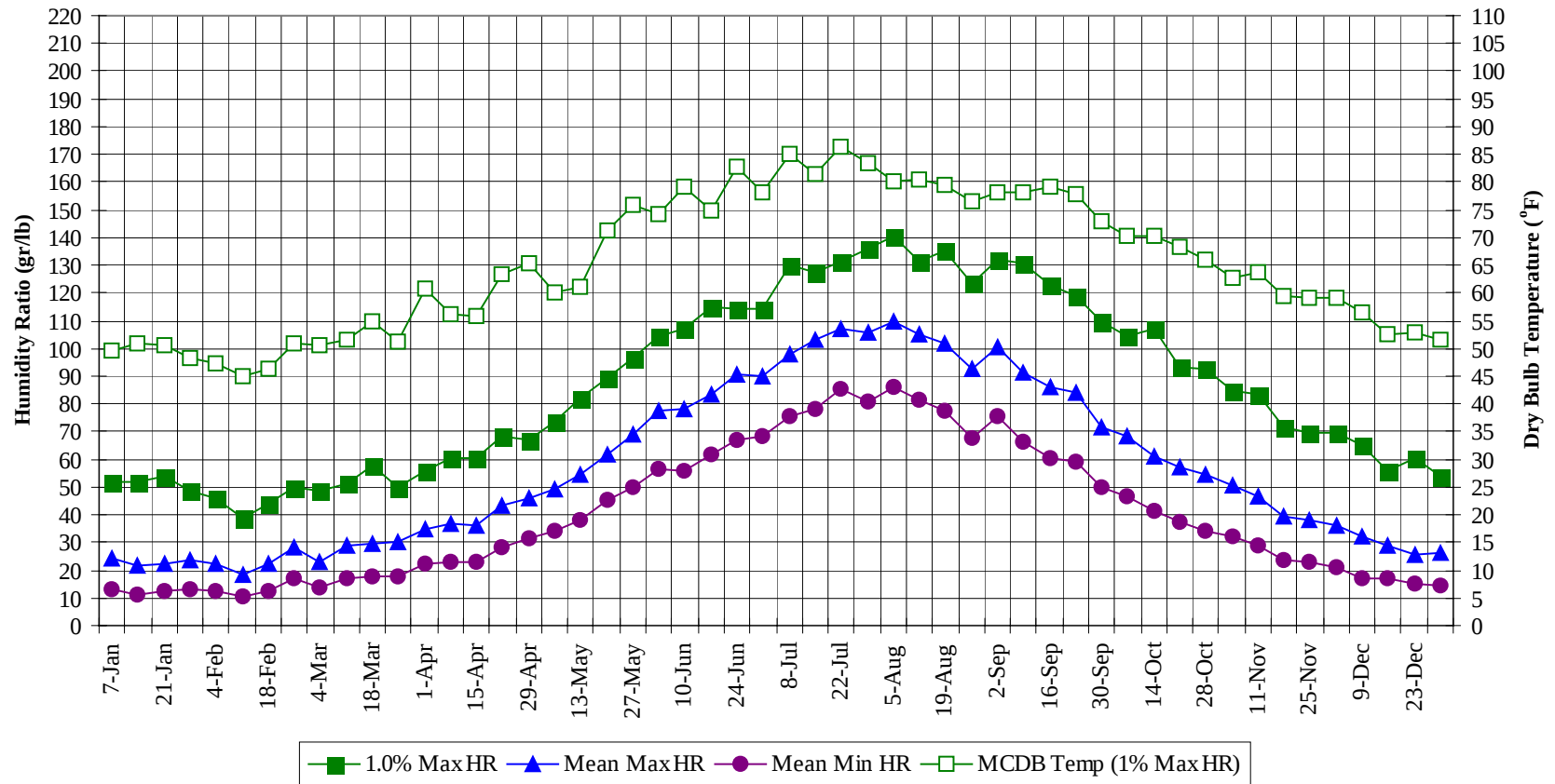
Temperature Range (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00		
95 / 99		1	0	1	76.8
90 / 94		12	3	15	75.0
85 / 89	2	68	19	90	73.0
80 / 84	12	175	81	268	70.6
75 / 79	104	276	215	594	68.5
70 / 74	269	298	297	865	65.4
65 / 69	292	255	253	801	61.0
60 / 64	278	237	234	749	56.4
55 / 59	264	232	236	732	51.6
50 / 54	266	249	249	765	46.8
45 / 49	249	234	252	735	42.2
40 / 44	263	259	284	806	37.7
35 / 39	280	236	289	806	33.2
30 / 34	239	166	218	623	28.5
25 / 29	144	109	135	388	23.6
20 / 24	117	63	85	265	19.1
15 / 19	73	31	43	146	14.5
10 / 14	38	12	18	69	10.1
5 / 9	19	4	6	29	5.3
0 / 4	9	2	1	11	0.9
-5 / -1	1	0	0	1	-3.3
-10 / -6		0	0	0	

Caution: This summary reflects the typical distribution of temperature in a typical year. It does not reflect the typical moisture 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

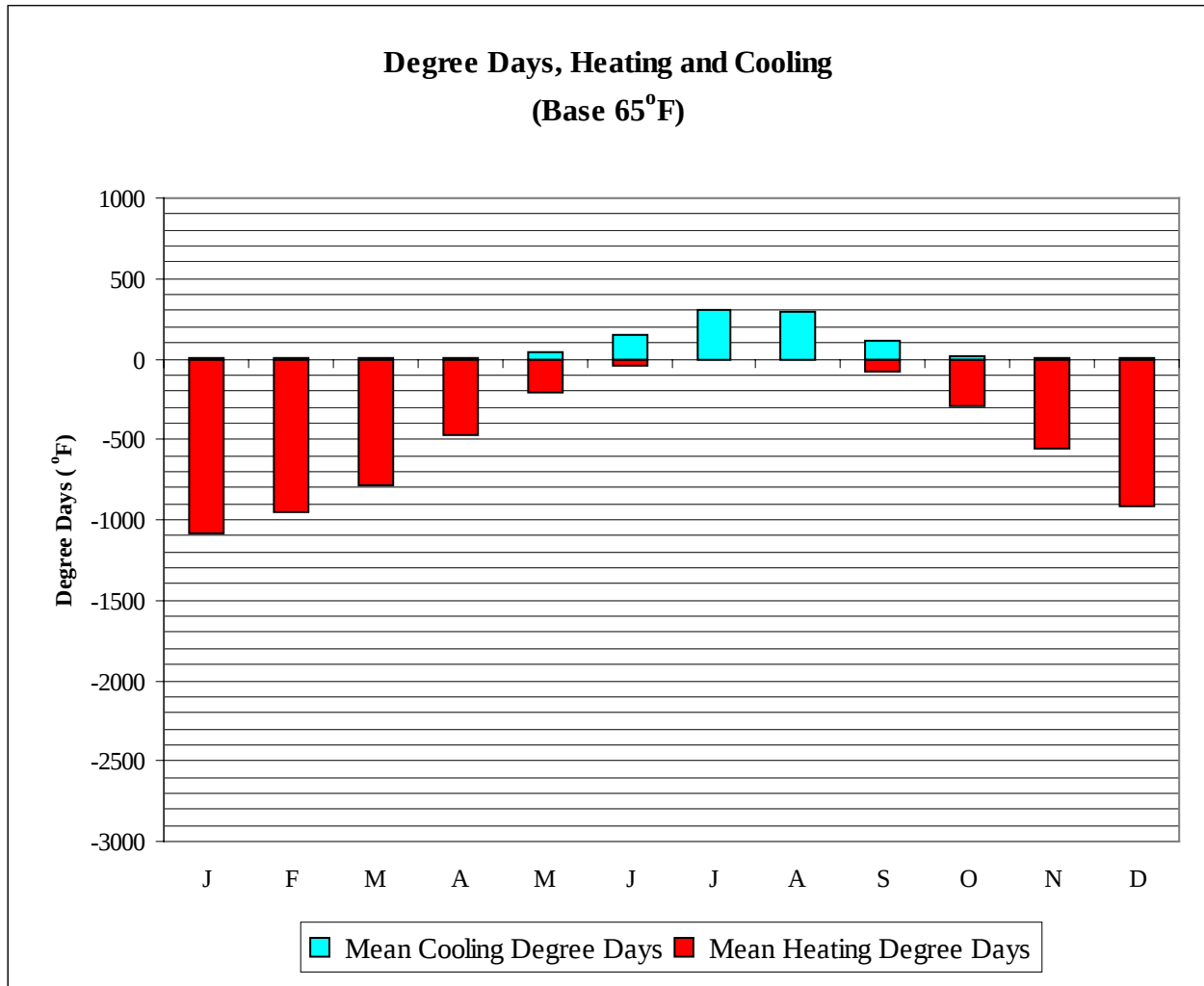


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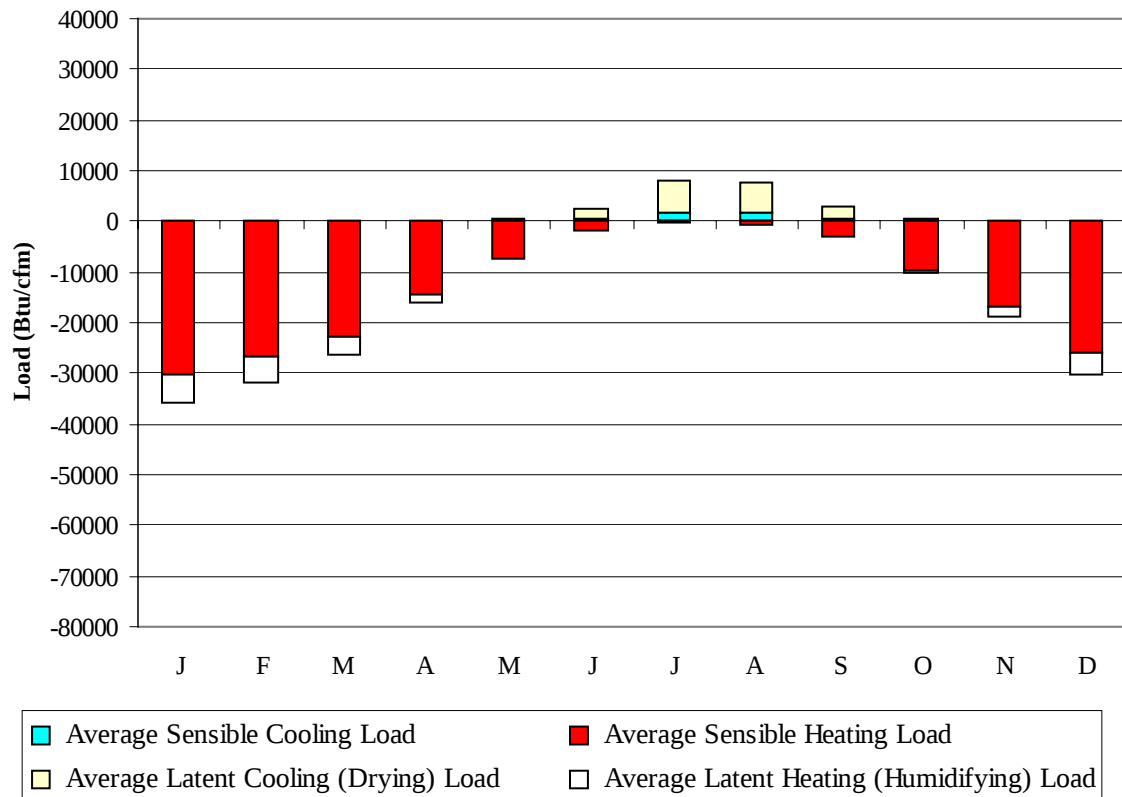
Long Term Dry Bulb Temperature and Humidity Summary

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	50.0	49.0	37.2	25.8	8.0	51.8	49.6	24.1	13.2
14-Jan	53.0	51.4	33.8	22.2	4.0	51.8	51.0	21.6	11.4
21-Jan	53.0	46.1	34.6	22.1	2.0	53.9	50.6	22.5	12.4
28-Jan	51.0	45.0	37.5	24.9	6.0	48.3	48.4	23.9	13.4
4-Feb	50.0	47.1	37.0	24.1	10.0	46.2	47.3	22.5	12.4
11-Feb	50.0	45.3	33.8	21.1	7.0	38.5	44.9	18.7	10.4
18-Feb	50.0	47.8	36.8	23.4	5.0	44.1	46.5	22.2	12.7
25-Feb	53.0	46.5	42.2	29.8	15.0	49.7	51.0	28.0	17.0
4-Mar	54.0	47.3	39.8	26.8	12.0	48.3	50.6	23.3	13.9
11-Mar	59.0	48.9	44.1	30.0	15.0	51.1	51.5	28.7	16.9
18-Mar	58.0	50.7	45.4	32.3	19.0	58.1	54.9	29.8	17.8
25-Mar	59.0	47.2	47.4	33.4	23.0	49.7	51.3	29.9	18.0
1-Apr	67.0	54.3	51.7	37.5	25.0	56.0	60.9	34.6	22.2
8-Apr	67.0	54.1	51.7	38.5	28.0	60.2	56.3	36.6	23.2
15-Apr	66.0	55.0	53.8	39.2	29.0	60.2	55.7	36.2	23.2
22-Apr	73.0	59.3	59.1	43.3	33.0	68.6	63.3	43.3	28.3
29-Apr	74.0	56.3	60.6	45.5	39.0	67.2	65.4	45.9	31.2
6-May	73.0	58.1	62.3	47.6	40.0	73.5	60.3	49.5	34.2
13-May	79.0	63.0	64.6	49.4	41.0	81.9	61.0	54.8	38.2
20-May	77.0	64.0	66.7	51.9	45.0	89.6	71.4	61.7	45.0
27-May	82.0	63.9	70.2	54.8	46.0	96.6	75.9	68.8	50.0
3-Jun	85.0	69.3	72.4	57.6	50.0	104.3	74.1	77.2	56.2
10-Jun	86.0	69.7	73.8	58.6	50.0	107.1	79.1	78.1	55.7
17-Jun	87.0	72.2	75.7	60.4	52.0	114.8	75.0	83.6	61.6
24-Jun	88.0	71.4	77.8	63.2	57.0	114.1	82.9	90.7	67.1
1-Jul	86.0	71.8	77.5	63.7	57.0	114.1	78.1	90.0	68.6
8-Jul	91.0	75.6	80.2	65.5	57.0	130.2	85.0	97.8	75.2
15-Jul	92.0	74.3	82.4	67.7	60.0	127.4	81.3	102.9	77.9
22-Jul	92.0	75.4	83.0	68.8	63.0	131.6	86.4	107.0	85.5
29-Jul	88.0	75.9	80.8	67.7	59.0	135.8	83.3	105.6	80.8
5-Aug	91.0	76.0	82.6	69.1	62.0	140.7	80.0	109.8	85.9
12-Aug	88.0	75.4	80.5	67.6	59.0	131.6	80.6	104.9	81.2
19-Aug	89.0	73.8	80.4	66.7	57.0	135.1	79.5	101.6	77.5
26-Aug	88.0	73.8	78.4	63.8	56.0	123.2	76.4	92.5	67.7
2-Sep	88.0	75.9	78.9	65.6	55.0	132.3	78.1	100.7	75.2
9-Sep	87.0	74.6	76.1	62.0	53.0	130.9	78.2	91.4	66.5
16-Sep	85.0	74.3	74.4	59.7	49.0	122.5	79.0	85.7	60.5
23-Sep	82.0	72.7	71.3	57.6	47.0	119.0	78.0	84.2	59.1
30-Sep	76.0	67.0	68.4	54.0	43.0	109.9	73.0	71.5	49.7
7-Oct	77.0	67.9	66.9	52.2	40.0	104.3	70.1	68.0	46.3
14-Oct	75.0	65.4	63.7	49.2	36.0	107.1	70.4	61.2	41.4
21-Oct	72.0	61.2	61.7	47.2	34.0	93.1	68.5	57.0	37.2
28-Oct	70.0	61.0	60.6	45.4	34.0	92.4	65.9	54.6	34.3
4-Nov	68.0	62.3	58.5	44.2	34.0	84.7	62.7	50.9	32.0
11-Nov	66.0	59.9	55.2	41.5	30.0	83.3	63.7	46.5	28.7
18-Nov	65.0	57.1	52.3	39.1	30.0	71.4	59.5	39.4	23.5
25-Nov	61.0	55.3	49.8	37.4	23.0	69.3	59.2	37.8	23.2
2-Dec	60.0	57.9	48.1	35.2	23.0	69.3	59.0	36.1	20.8
9-Dec	59.0	56.4	44.5	32.1	18.0	65.1	56.5	31.9	17.0
16-Dec	53.0	48.6	41.4	30.1	12.0	56.0	52.4	29.1	17.1
23-Dec	54.0	51.0	38.8	27.2	12.0	60.2	53.0	25.9	15.1
31-Dec	54.0	50.5	38.6	26.2	7.0	53.9	51.5	26.2	14.7



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	0	1078
FEB	0	947
MAR	0	783
APR	5	474
MAY	39	204
JUN	152	38
JUL	308	5
AUG	288	9
SEP	119	72
OCT	18	294
NOV	1	554
DEC	0	913
ANN	928	5371

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



	Average Sensible Cooling Load	Average Sensible Heating Load	Average Latent Cooling Load	Average Latent Heating Load
	(Btu/cfm)	(Btu/cfm)	(Btu/cfm)	(Btu/cfm)
JAN	0	-30358	0	-5560
FEB	0	-26741	0	-5031
MAR	0	-22703	0	-3530
APR	11	-14563	1	-1598
MAY	109	-7258	235	-239
JUN	572	-1846	2069	-7
JUL	1884	-354	6067	0
AUG	1582	-518	6197	-1
SEP	353	-2982	2576	-31
OCT	11	-9764	416	-541
NOV	0	-16695	19	-1995
DEC	0	-26082	0	-4278
ANN	4522	-159864	17580	-22811

Average Annual Solar Radiation – Nearest Available Site

(Source: National Renewable Energy Laboratory, Golden CO, 1995)

City: BRIDGEPORT
 State: CT
 WBAN No: 94702
 Lat(N): 41.17
 Long(W): 73.13
 Elev(ft): 7

Stn Type: Secondary
 SHADING GEOMETRY IN DIMENSIONLESS UNITS
 Window: 1
 Overhang: 0.567
 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 Annual Solar Heat and Illumination – Nearest Available Site

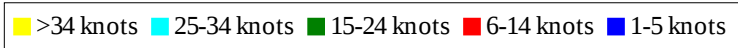
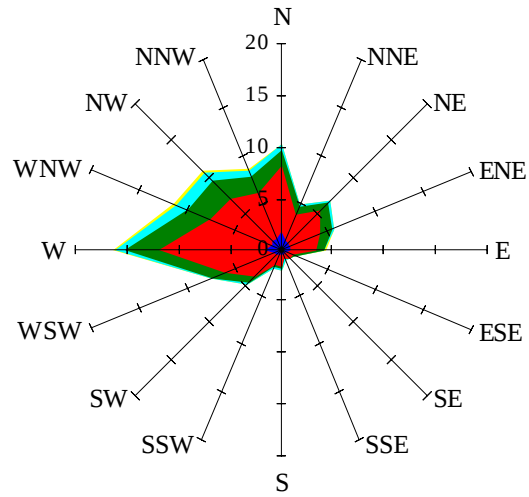
(Source: National Renewable Energy Laboratory, Golden CO, 1995)

		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

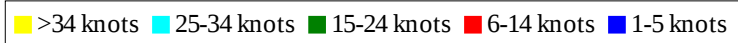
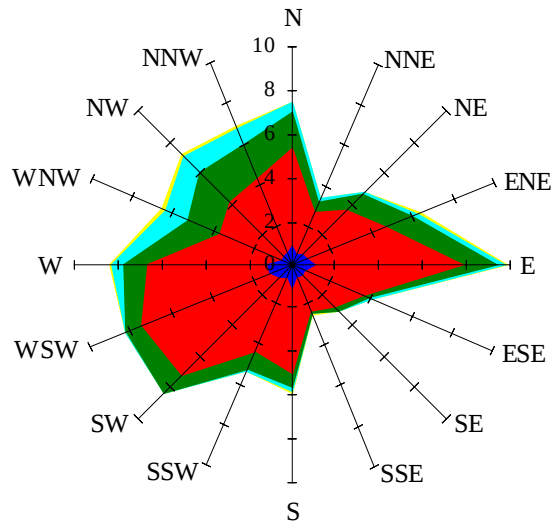
Labels of Percent Frequency on North Axis



Percent Calm = 3.21

Wind Summary - March, April, and May

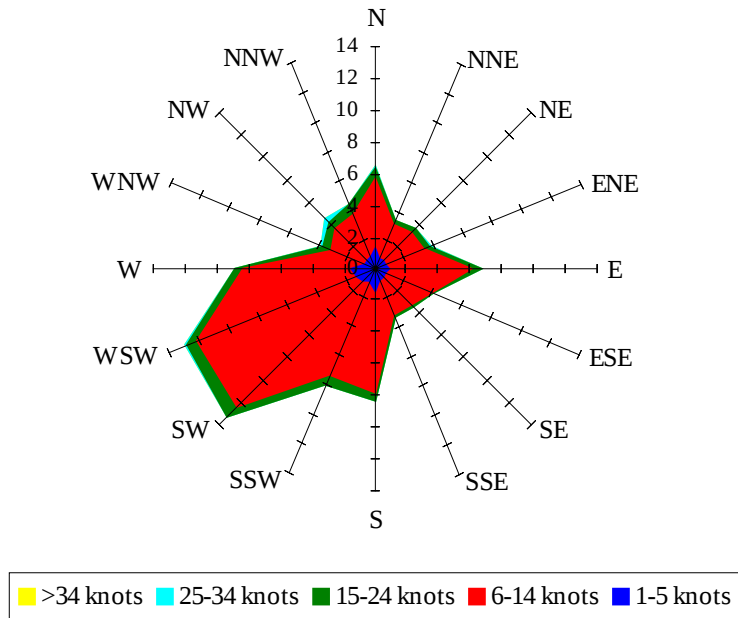
Labels of Percent Frequency on North Axis



Percent Calm = 2.56

Wind Summary - June, July, and August

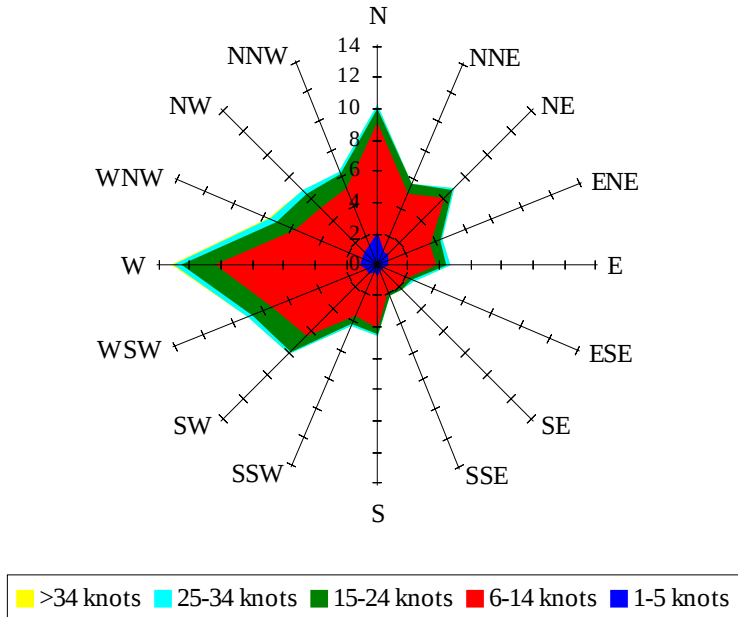
Labels of Percent Frequency on North Axis



Percent Calm = 2.21

Wind Summary - September, October, and November

Labels of Percent Frequency on North Axis



Percent Calm = 2.79