SEYMOUR JOHNSON AFB, NC	
Latitude = 35.34 N	Station ID = ICAO_KGSB
Longitude = 77.96 W	Elevation = 110 Feet
Period of Record = 1988 To 2017	Average Pressure = 29.93 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	100	77	105	8.9	W
0.4% Occurrence	96	77	108	8.5	SW
1.0% Occurrence	93	76	110	8.2	SW
2.0% Occurrence	91	75	108	7.9	SW
Mean Daily Range	20	-	-	-	N
97.5% Occurrence	30	27	16	5	N
99.0% Occurrence	26	23	13	4.9	N
99.6% Occurrence	22	20	11	4.9	N
Median of Extreme Lows	16	14	8	7.1	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	83	90	155	7.5	SW
0.4% Occurrence	81	89	144	7.2	SW
1.0% Occurrence	79	87	134	7	SW
2.0% Occurrence	78	86	130	6.9	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	162	84	1.07	7.3	S
0.4% Occurrence	151	82	1	6.1	SSW
1.0% Occurrence	141	82	0.94	6.3	SSW
2.0% Occurrence	136	82	0.9	5.5	SSW

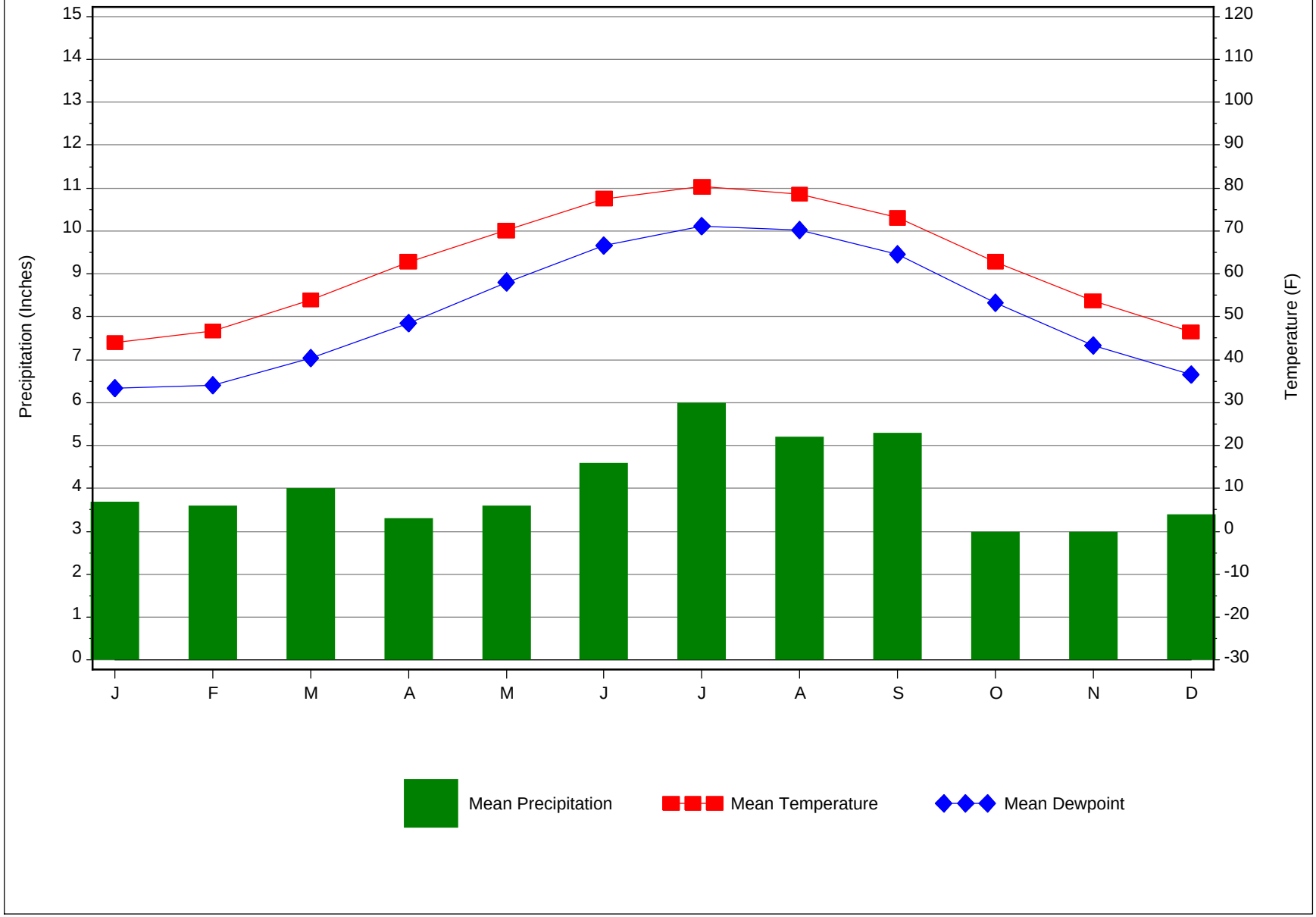
Air Conditioning/ Humid Area Criteria	**Threshold**	**T ≥ 93°F**	**T ≥ 80°F**	**Twb ≥ 73°F**	**Twb ≥ 67°F**
	# of Hours	125	1311	1445	2872

Other Site Data

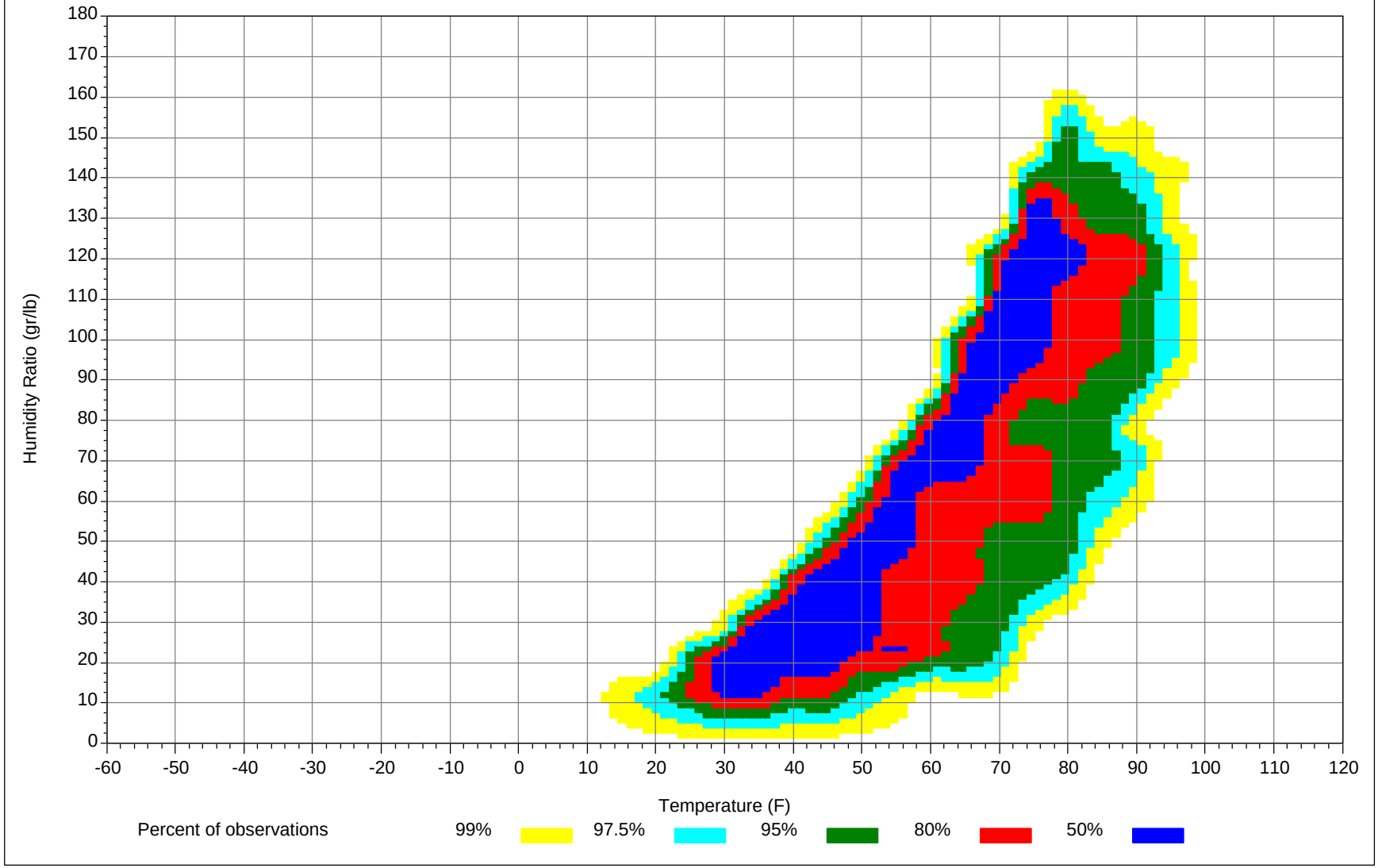
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
11	3.8	130	5.6 + 1.5
Ground Water Temperature (°F) 50 Foot Depth*	Frost Depth 50 Year Recurrence (in)	Ground Snow Load 50 Year Recurrence (lb/ft^2)	Average Annual Freeze-Thaw Cycles (#)
65.1	4	10	30

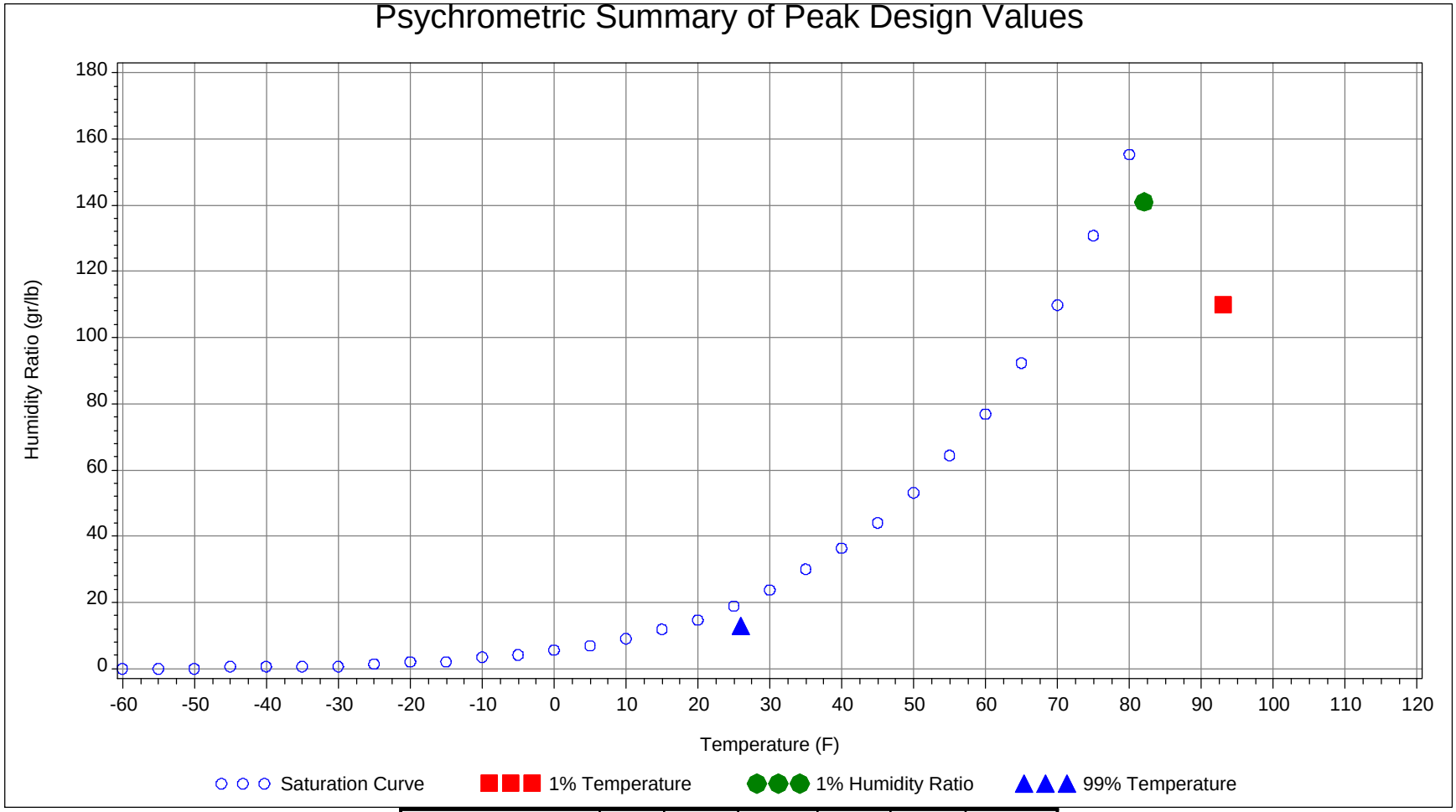
*Note: Temperatures at greater depths can be estimated by adding 1.5°F per 100 feet additional depth.

Average Annual Climate



Long Term Psychrometric Summary





	(°F) / (gr/lb)	MCDB (°F)	MCWB (°F)	MCDP (°F)	MCHR (gr/lb)	Enthalpy (btu/lb)
1.0% Dry Bulb	93.0		76		110.0	39.3
99.0% Dry Bulb	26.0				13.0	8.2
1.0% Humidity Ratio	141.0	82.0	78.3	77.0		41.8

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)**
105/109															
100/104															
95/ 99															
90/ 94												0		0	65
85/ 89							0		0	67		1	0	1	67.2
80/ 84		0		0	67		1	0	1	65.8		9	2	11	64.7
75/ 79	0	3	0	3	65.9	0	5	1	6	64	0	19	7	26	62.6
70/ 74	0	9	3	12	63.1	0	13	4	17	59.8	1	29	18	48	60
65/ 69	4	12	7	23	60.4	3	16	11	30	58.3	10	28	24	62	58.8
60/ 64	8	23	17	48	56.2	10	23	20	53	54.8	25	36	38	99	55.6
55/ 59	15	27	23	65	51.7	15	29	27	71	50.5	32	34	36	102	50.6
50/ 54	20	38	33	91	46.7	22	35	33	90	45.5	35	38	41	114	46
45/ 49	33	41	42	116	42.2	30	35	37	102	41.3	41	28	35	104	41.8
40/ 44	31	31	36	98	38	31	26	30	87	37.6	35	15	23	73	38.1
35/ 39	45	30	35	110	33.5	46	24	34	104	33.8	39	9	16	64	34.3
30/ 34	43	20	28	91	28.7	39	12	18	69	29.3	22	3	5	30	29.2
25/ 29	26	10	17	53	24.1	20	4	6	30	24.4	6	0	1	7	24.8
20/ 24	13	3	5	21	19.9	6	1	1	8	19.7	1	0	0	1	20.4
15/ 19	7	1	2	10	15.6	2	0	1	3	15.7	0			0	18.7
10/ 14	2	0	0	2	10.9	0	0		0	10.1					
5/ 9	0	0		0	6.4	0			0	7.3					
0/ 4															

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)**
105/109															
100/104							0		0	73		1	0	1	76.2
95/ 99		0		0	71		1	0	1	74.5		13	4	17	75.7
90/ 94		2	0	2	69.7		14	4	18	71.8		42	14	56	74.6
85/ 89		9	2	11	68		28	10	38	70.4	0	54	23	77	73.3
80/ 84		29	10	39	65.5	1	55	25	81	68.4	9	67	45	121	71.9
75/ 79	1	41	21	63	63.6	10	57	43	110	66.7	57	40	68	165	71.4
70/ 74	11	45	37	93	61.5	45	42	59	146	65.4	99	17	62	178	69.2
65/ 69	25	33	41	99	59.4	58	23	44	125	62.6	42	4	16	62	64.5
60/ 64	50	33	45	128	56.3	58	17	35	110	58.3	23	1	7	31	60
55/ 59	46	26	35	107	51.6	41	8	20	69	54	8	0	2	10	55.2
50/ 54	45	15	29	89	47.2	28	1	7	36	49.8	1			1	50.5
45/ 49	36	5	13	54	43	7	0	1	8	45.5	0			0	48
40/ 44	17	1	4	22	39.1	0		0	0	39.9					
35/ 39	8	0	1	9	34.5										
30/ 34	1		0	1	30.2										
25/ 29	0			0	25.4										
20/ 24															
15/ 19															
10/ 14															
5/ 9															
0/ 4															

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)**
105/109		0		0	70.5										
100/104		3	0	3	76.9		2	0	2	77.8					
95/ 99		22	5	27	77.7		12	2	14	76.9		2	0	2	74.6
90/ 94		62	20	82	77		45	12	57	76.4	0	16	3	19	73.6
85/ 89	2	67	30	99	75.9	0	66	24	90	75.1	0	36	8	44	73.3
80/ 84	25	61	61	147	74.9	13	71	54	138	74.4	1	61	26	88	71.4
75/ 79	103	26	85	214	73.9	80	37	88	205	73.6	24	64	59	147	70.6
70/ 74	94	7	42	143	70.8	108	13	55	176	70.3	83	39	78	200	68.7
65/ 69	18	1	4	23	65.5	35	3	10	48	65.8	56	15	37	108	64.4
60/ 64	6	0	1	7	61.6	11	0	1	12	61.5	45	6	22	73	59.9
55/ 59	0			0	55.6	1			1	56.6	21	1	7	29	54.9
50/ 54						0			0	51	8	0	2	10	50.5
45/ 49											1		0	1	46.5
40/ 44											0			0	42
35/ 39															
30/ 34															
25/ 29															
20/ 24															
15/ 19															
10/ 14															
5/ 9															
0/ 4															

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)**
105/109															
100/104															
95/ 99		0		0	68										
90/ 94		2	0	2	71.2										
85/ 89		6	1	7	71.1		0		0	70		0		0	66
80/ 84	0	28	4	32	68.8		3	0	3	67.3		1		1	67.9
75/ 79	4	48	18	70	66.7	0	19	1	20	64.8		6	0	6	66.8
70/ 74	16	50	39	105	65	4	29	12	45	63.6	2	14	6	22	64.9
65/ 69	30	40	42	112	61.7	12	30	23	65	60.8	8	14	9	31	62.3
60/ 64	46	40	51	137	57.9	21	43	33	97	56.4	12	25	17	54	57.1
55/ 59	46	24	42	112	53.4	28	42	39	109	51.7	17	34	24	75	51.5
50/ 54	46	9	30	85	48.9	38	38	45	121	47.1	21	44	37	102	46.8
45/ 49	34	2	16	52	44.4	40	22	38	100	42.7	32	42	42	116	42.2
40/ 44	17	0	5	22	40.2	31	9	24	64	38.5	35	29	39	103	38.1
35/ 39	7	0	1	8	36.1	38	4	18	60	34.7	45	23	37	105	33.9
30/ 34	1			1	32.3	22	1	6	29	30.4	42	12	25	79	29.4
25/ 29						6	0	1	7	25.9	24	3	9	36	24.5
20/ 24						1			1	21.9	6	1	2	9	19.9
15/ 19						0			0	18	3	1	1	5	15.7
10/ 14											0	0	0	0	10.5
5/ 9											0	0	0	0	5
0/ 4											0			0	1.8

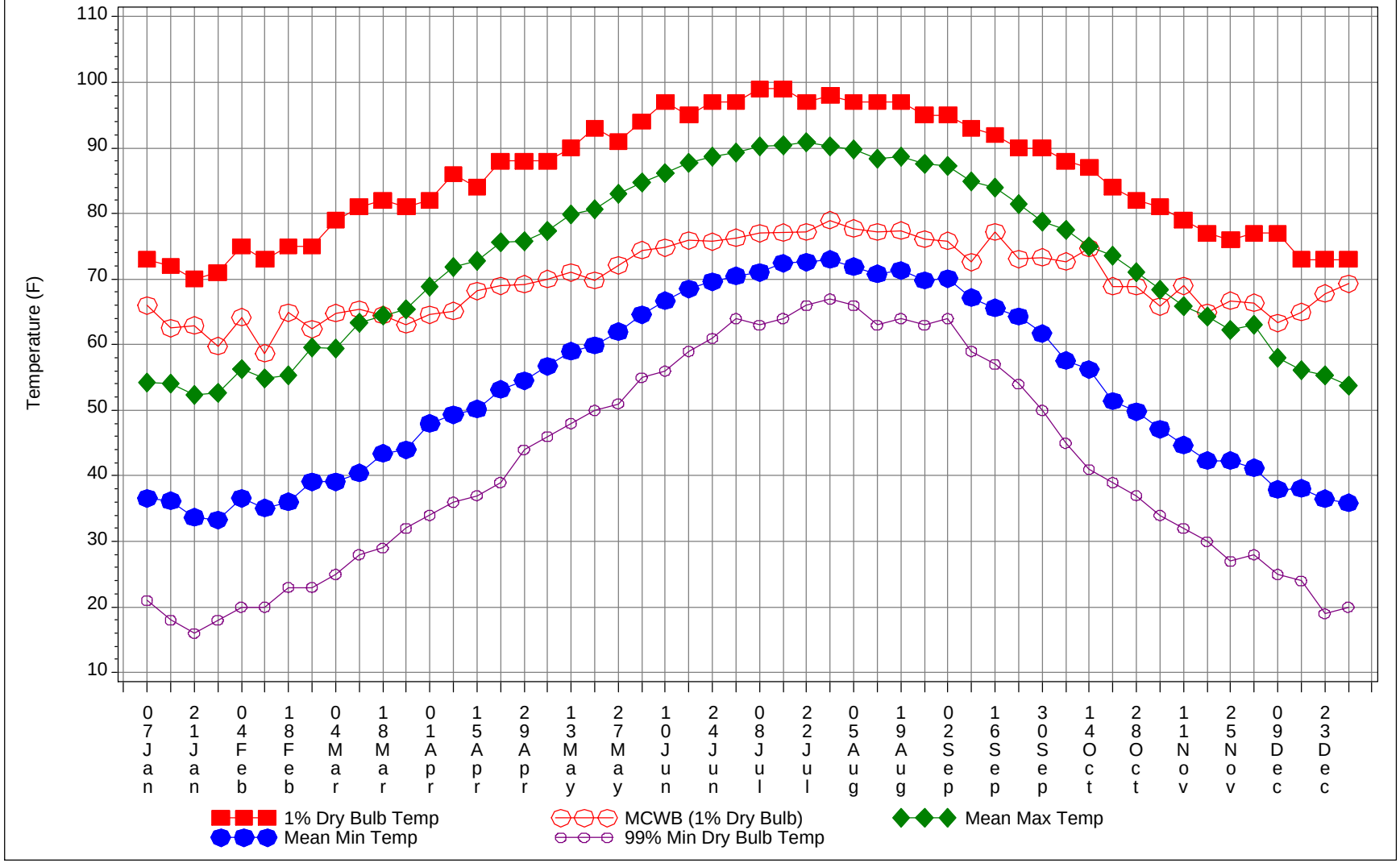
Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary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

Dry-Bulb Temperature Hours For An Average Year

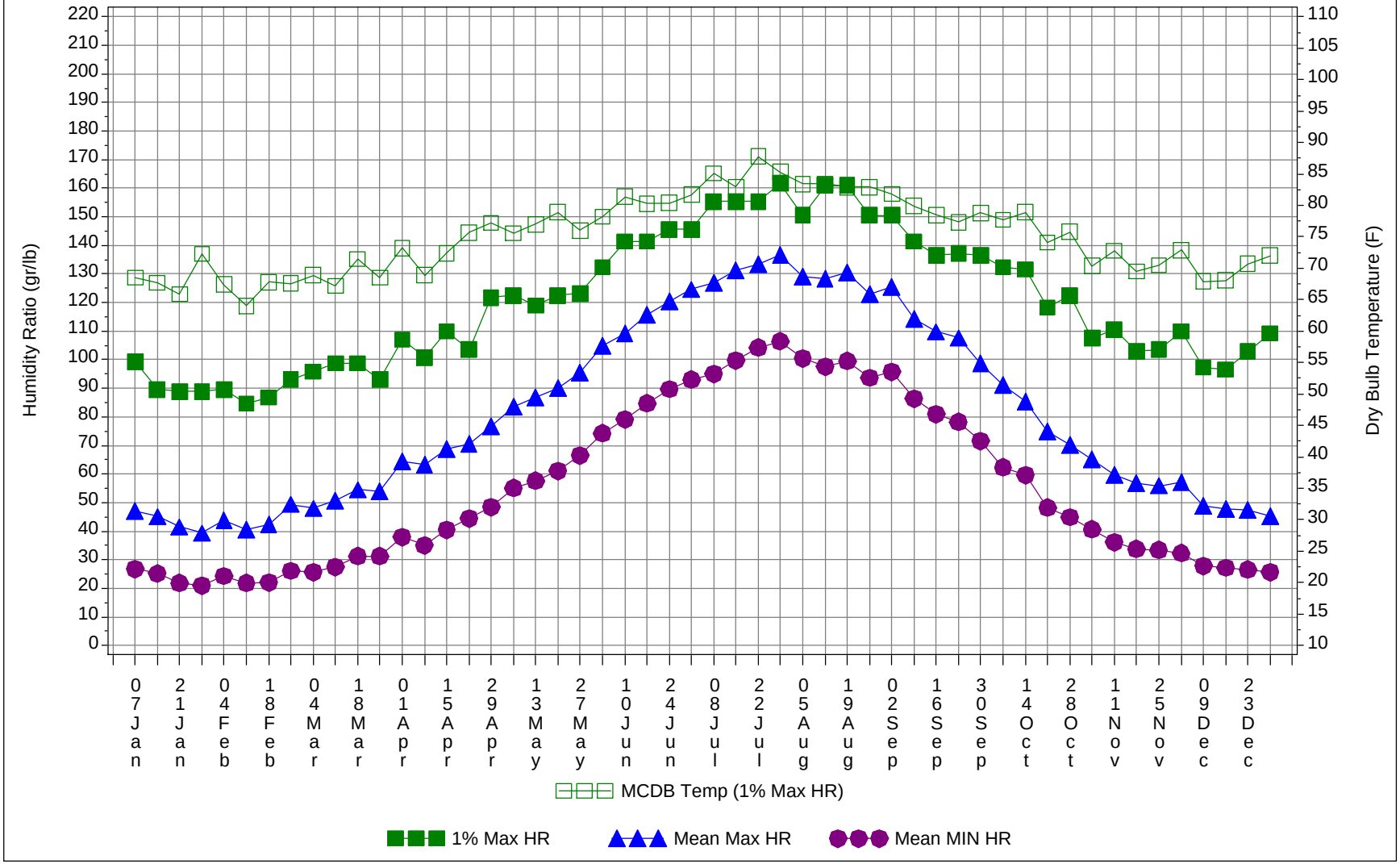
	Annual				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
105/109		0		0	70.5
100/104		5	1	6	77
95/ 99		50	12	62	76.8
90/ 94	0	184	53	237	75.5
85/ 89	2	268	99	369	73.9
80/ 84	49	386	228	663	71.9
75/ 79	280	365	391	1036	70.5
70/ 74	464	307	416	1187	67.1
65/ 69	301	217	268	786	62
60/ 64	316	248	285	849	57.3
55/ 59	272	226	256	754	52
50/ 54	264	216	257	737	47
45/ 49	254	175	222	651	42.4
40/ 44	199	111	162	472	38.2
35/ 39	227	90	143	460	34
30/ 34	170	47	82	299	29.3
25/ 29	81	18	33	132	24.4
20/ 24	27	5	8	40	19.9
15/ 19	12	2	3	17	15.7
10/ 14	2	0	0	2	10.7
5/ 9	0	0	0	0	6.2
0/ 4	0			0	1.8

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



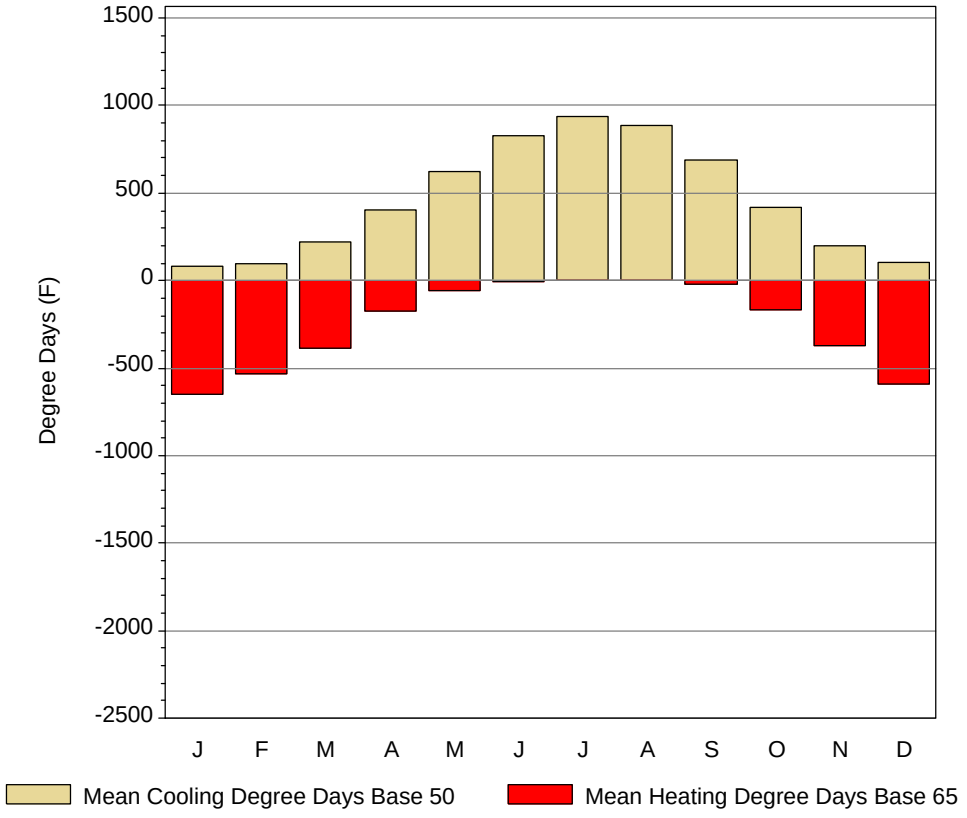
Long Term Humidity and Dry Bulb Temperature Summary



Long Term Humidity and Dry Bulb Temperature Summary

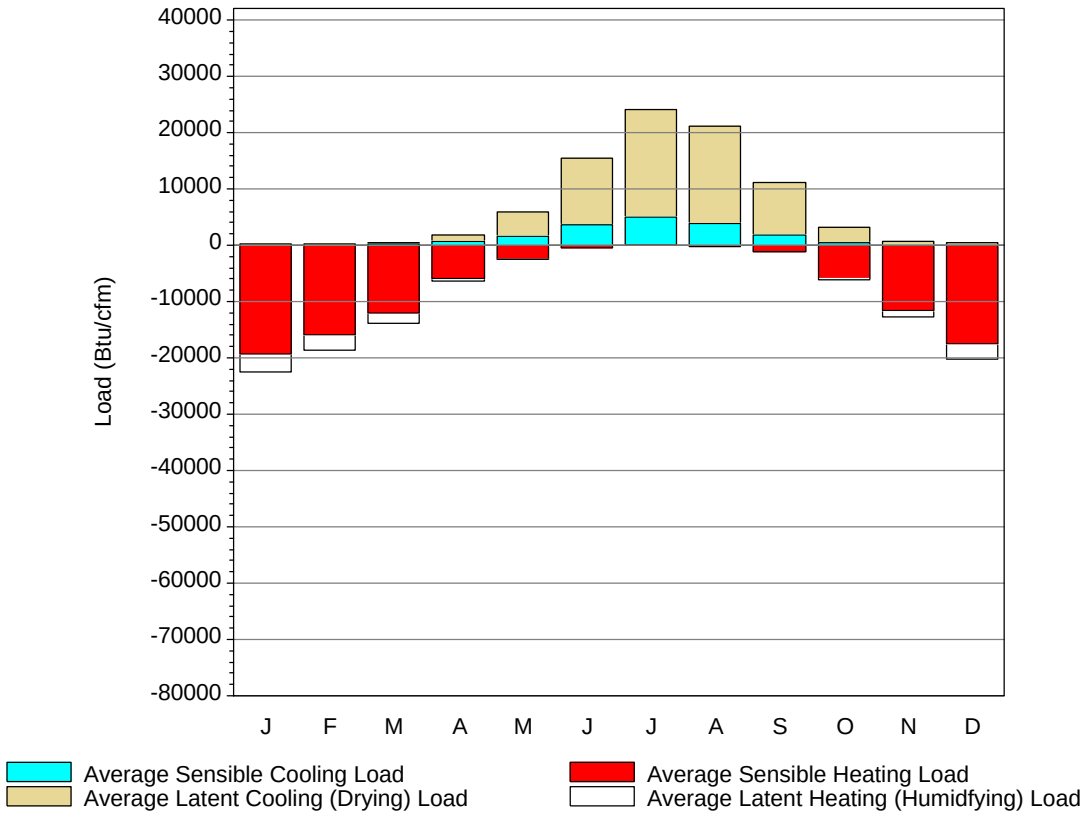
Week Ending	1.0% Temp (°F)	MCWB@ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB@ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	73	66	54.3	36.6	21	99.4	68.5	47.2	26.7
14-Jan	72	62.5	54	36.2	18	89.6	67.7	45.1	25.2
21-Jan	70	62.9	52.4	33.7	16	88.9	65.9	41.5	21.8
28-Jan	71	59.8	52.7	33.3	18	88.9	72.3	39.3	21
4-Feb	75	64.2	56.2	36.6	20	89.6	67.4	43.9	24.3
11-Feb	73	58.7	54.8	35.1	20	84.7	64	40.5	21.8
18-Feb	75	64.9	55.4	36	23	86.8	67.8	42.3	22.1
25-Feb	75	62.4	59.5	39.1	23	93.1	67.6	49.4	26.1
4-Mar	79	64.8	59.4	39.1	25	95.9	68.9	48	25.6
11-Mar	81	65.4	63.4	40.4	28	98.7	67.2	50.7	27.5
18-Mar	82	64.5	64.4	43.4	29	98.7	71.5	54.5	31.3
25-Mar	81	63.1	65.4	44	32	93.1	68.5	54	31.2
1-Apr	82	64.6	68.9	48	34	107.1	73.2	64.5	37.9
8-Apr	86	65.1	71.8	49.3	36	100.8	68.9	63.4	35.1
15-Apr	84	68.2	72.8	50.2	37	109.9	72.4	68.8	40.5
22-Apr	88	69	75.6	53.2	39	103.6	75.7	70.7	44.5
29-Apr	88	69.2	75.7	54.5	44	121.8	77.2	76.6	48.4
6-May	88	70	77.3	56.7	46	122.5	75.6	83.7	55.1
13-May	90	71	79.9	59	48	119	77	86.9	57.7
20-May	93	69.8	80.6	59.9	50	122.5	78.9	90.2	61.1
27-May	91	72.1	83	62	51	123.2	76	95.5	66.5
4-Jun	94	74.4	84.7	64.6	55	132.3	78.2	104.8	74.3
10-Jun	97	74.8	86.1	66.7	56	141.4	81.4	109.2	79.2
17-Jun	95	75.9	87.7	68.5	59	141.4	80.3	115.7	84.8
24-Jun	97	75.7	88.7	69.6	61	145.6	80.4	120.3	89.7
1-Jul	97	76.3	89.3	70.5	64	145.6	81.7	124.6	93.1
8-Jul	99	77	90.3	71	63	155.4	85.1	126.8	95.1
15-Jul	99	77.1	90.4	72.4	64	155.4	83	131.4	99.8
22-Jul	97	77.2	90.8	72.6	66	155.4	87.8	133.4	104.2
29-Jul	98	79	90.3	73	67	161.7	85.3	136.7	106.5
5-Aug	97	77.7	89.7	71.9	66	150.5	83.4	129	100.5
12-Aug	97	77.2	88.3	70.8	63	161	83.4	128.4	97.5
19-Aug	97	77.4	88.6	71.3	64	161	82.9	130.6	99.5
26-Aug	95	76.1	87.6	69.8	63	150.5	82.9	123	93.7
2-Sep	95	75.8	87.2	70.1	64	150.5	81.8	125.5	95.7
9-Sep	93	72.6	84.9	67.2	59	141.4	79.9	114.2	86.3
16-Sep	92	77.2	84	65.6	57	136.5	78.5	109.8	80.9
23-Sep	90	73.1	81.5	64.3	54	137.2	77.3	107.6	78.3
30-Sep	90	73.3	78.8	61.7	50	136.5	78.8	98.7	71.6
7-Oct	88	72.7	77.5	57.6	45	132.3	77.7	91.2	62.3
14-Oct	87	74.7	75	56.2	41	131.6	78.9	85.3	59.6
21-Oct	84	68.9	73.5	51.4	39	118.3	74.1	75	48.3
28-Oct	82	68.9	71	49.8	37	122.5	75.8	70.3	44.9
4-Nov	81	65.8	68.4	47.1	34	107.5	70.4	65.1	40.7
11-Nov	79	69	65.8	44.7	32	110.6	72.8	59.7	36.2
18-Nov	77	64.9	64.3	42.3	30	102.9	69.5	56.9	33.8
25-Nov	76	66.7	62.3	42.3	27	103.6	70.5	55.9	33.4
2-Dec	77	66.4	63.1	41.2	28	109.9	72.9	57.3	32.4
9-Dec	77	63.3	58	37.9	25	97.3	67.9	48.9	27.9
16-Dec	73	65	56.1	38.1	24	96.6	68.1	47.8	27.2
23-Dec	73	67.8	55.3	36.5	19	102.9	70.7	47.5	26.6
31-Dec	73	69.3	53.8	35.9	20	109.2	72	45.3	25.6

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	83.2	6.8	652
FEB	99.4	11	530.4
MAR	220.8	39.5	386.9
APR	404	105.8	171.7
MAY	626.1	220	59.9
JUN	824.5	381.1	6.6
JUL	940.1	475.7	0.6
AUG	885.5	421.8	1.3
SEP	690.1	261.8	21.8
OCT	416.6	101.5	168.9
NOV	201.5	29	372.6
DEC	104	11.8	591.1
ANN	5495.8	2065.8	2963.8

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	5	-19212	156	-3377
FEB	20	-15807	131	-2790
MAR	144	-12038	423	-1821
APR	605	-5903	1138	-538
MAY	1667	-2414	4184	-23
JUN	3644	-362	11725	0
JUL	4960	-56	19152	0
AUG	3986	-114	17197	0
SEP	1837	-1043	9371	-1
OCT	476	-5877	2729	-168
NOV	56	-11646	752	-1148
DEC	18	-17577	418	-2630
ANN	17418	-92049	67376	-12496

Station Information		Shading Geometry in Dimensionless Units	
City, State, WBAN	RALEIGH, NC 13722	Window:	1.000
Lat, Lon, Elev	35.87N 78.78W 440ft	Overhang:	0.417
Press, Stn_Type	14.5psia Primary	Vert Gap:	0.293

AVERAGE INCIDENT SOLAR RADIATION (Btu/sq.ft./day) Percentage Uncertainty = 9

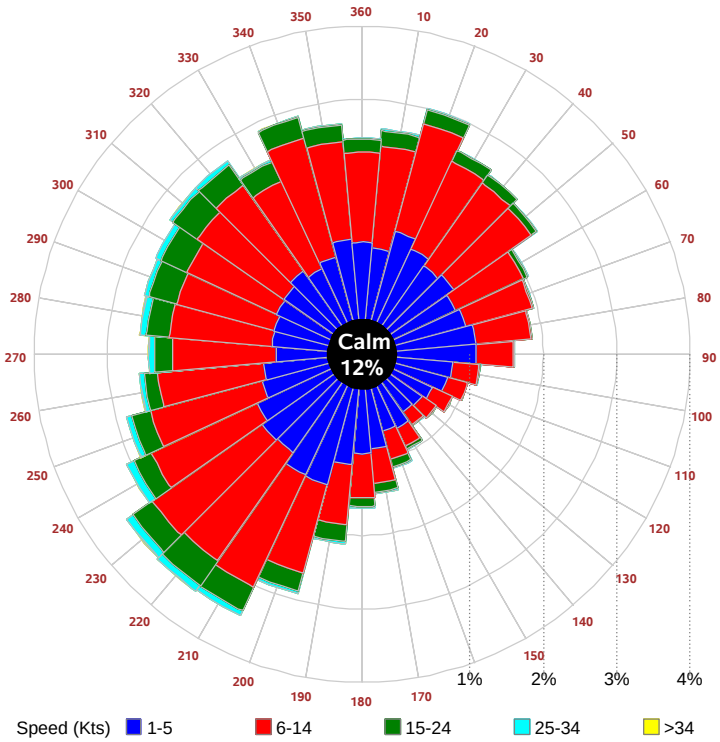
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ.	Global	770	1030	1380	1730	1900	2000	1920	1740	1470	1190	860	700	1390
	Std.Dev.	62	93	111	125	103	120	129	128	116	96	82	58	38
	Minimum	640	800	1150	1530	1620	1790	1640	1380	1220	1020	650	520	1280
	Maximum	890	1200	1600	2020	2080	2250	2140	1920	1690	1390	960	830	1450
	Diffuse	340	440	570	720	870	940	950	860	690	490	360	310	630
Clear Day	Global	1080	1410	1860	2280	2520	2600	2520	2290	1920	1480	1110	950	1840
NORTH	Global	220	290	370	460	570	640	600	510	410	320	240	200	400
	Diffuse	220	290	370	450	520	560	540	490	410	320	240	200	380
Clear Day	Global	210	260	340	430	580	680	620	490	380	300	220	190	390
EAST	Global	500	650	820	1000	1040	1080	1040	950	840	720	550	460	810
	Diffuse	270	350	450	550	620	660	650	600	500	390	290	250	470
Clear Day	Global	770	960	1170	1340	1410	1410	1370	1290	1160	960	770	690	1110
SOUTH	Global	1130	1190	1140	980	800	730	750	870	1030	1220	1190	1100	1010
	Diffuse	370	430	500	550	580	580	590	590	550	480	400	350	500
Clear Day	Global	1980	1970	1720	1280	950	800	850	1110	1490	1790	1880	1910	1470
WEST	Global	510	650	830	990	1030	1070	1010	950	850	740	560	470	800
	Diffuse	270	350	450	560	630	670	660	610	510	400	300	250	470
Clear Day	Global	770	960	1170	1340	1410	1410	1370	1290	1160	960	770	690	1110

AVERAGE TRANSMITTED SOLAR RADIATION (Btu/sq.ft./day) FOR DOUBLE GLAZING Percentage Uncertainty = 9														
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ.	Unshaded	510	710	980	1250	1380	1460	1390	1250	1050	840	580	460	990
NORTH	Unshaded	150	200	250	310	370	410	400	340	280	220	170	140	270
	Shaded	140	180	230	290	340	380	360	310	260	200	150	130	250
EAST	Unshaded	350	460	580	710	740	760	740	680	590	510	380	320	570
	Shaded	320	420	530	640	660	680	650	600	530	460	350	290	510
SOUTH	Unshaded	850	860	780	620	490	450	460	550	690	870	880	830	690
	Shaded	830	810	640	450	370	370	370	400	530	780	860	810	600
WEST	Unshaded	350	460	590	700	730	750	720	670	600	520	390	320	570
	Shaded	320	420	530	630	650	670	640	600	540	470	360	300	510

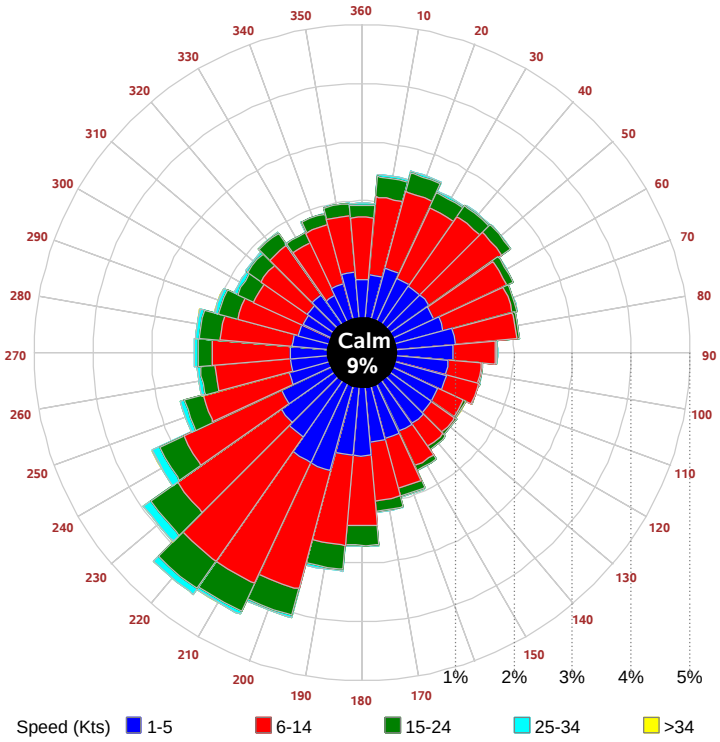
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS Percentage Uncertainty = 9											
				March					June		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	38	75	87	71	33	41	82	102	98	71
	M.Cloudy	21	45	54	46	21	27	56	75	73	52
NORTH	M.Clear	10	14	15	14	9	21	17	18	18	17
	M.Cloudy	9	16	17	15	8	14	18	20	20	17
EAST	M.Clear	75	62	15	14	9	70	75	37	18	17
	M.Cloudy	25	32	17	15	8	32	45	31	20	17
SOUTH	M.Clear	35	68	80	65	31	12	25	40	38	20
	M.Cloudy	15	35	42	36	16	11	22	33	32	19
WEST	M.Clear	10	14	18	65	72	12	17	18	49	76
	M.Cloudy	9	16	18	35	29	11	18	20	38	48
M.Clear	(% hrs)	41	39	38	36	37	40	41	34	29	35

				Sept					Dec		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	24	66	86	81	51	16	45	54	37	5
	M.Cloudy	14	39	60	57	35	9	27	32	22	4
NORTH	M.Clear	8	15	17	17	13	6	10	11	9	3
	M.Cloudy	6	15	19	18	13	4	10	12	9	2
EAST	M.Clear	54	72	34	17	13	44	44	11	9	3
	M.Cloudy	17	33	27	18	13	12	20	12	9	2
SOUTH	M.Clear	16	51	70	65	39	37	80	90	69	15
	M.Cloudy	8	26	43	41	23	11	31	37	26	4
WEST	M.Clear	8	15	17	49	71	6	10	19	51	21
	M.Cloudy	6	15	19	34	37	4	10	14	21	6
M.Clear	(% hrs)	42	44	39	36	40	38	38	37	38	40

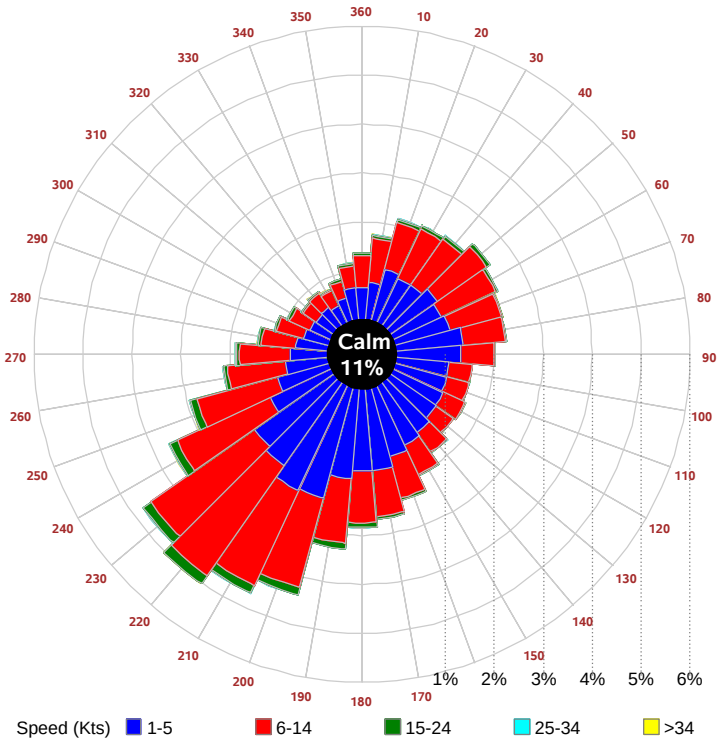
Wind Summary - December, January, and February



Wind Summary - March, April, and May



Wind Summary - June, July, and August



Wind Summary - September, October, and November