

FLORENCE SC

Latitude = 34.18 N

Longitude = 79.72 W

Period of Record = 1973 to 1996

WMO No. 723106

Elevation = 148 feet

Average Pressure = 29.87 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	100	77	106	9.2	WSW
0.4% Occurrence	96	77	112	9.2	S
1.0% Occurrence	94	77	113	8.9	S
2.0% Occurrence	92	76	112	8.6	S
Mean Daily Range	21	-	-	-	-
97.5% Occurrence	30	27	16	5.7	N
99.0% Occurrence	25	23	12	6.1	N
99.6% Occurrence	22	20	11	6.1	N
Median of Extreme Lows	16	14	8	8.2	N
	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	83	93	150	8.1	S
0.4% Occurrence	80	90	136	7.7	S
1.0% Occurrence	79	89	131	7.8	S
2.0% Occurrence	78	88	127	7.9	S
	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	158	90	1.04	7.6	SSW
0.4% Occurrence	146	86	0.97	6.6	S
1.0% Occurrence	137	84	0.90	6.7	S
2.0% Occurrence	132	82	0.88	6.7	S
Air Conditioning/ Humid Area Criteria	# of Hours	T ≥ 93°F	T ≥ 80°F	T _{wb} ≥ 73°F	T _{wb} ≥ 67°F
		131	1445	1445	2992

Other Site Data

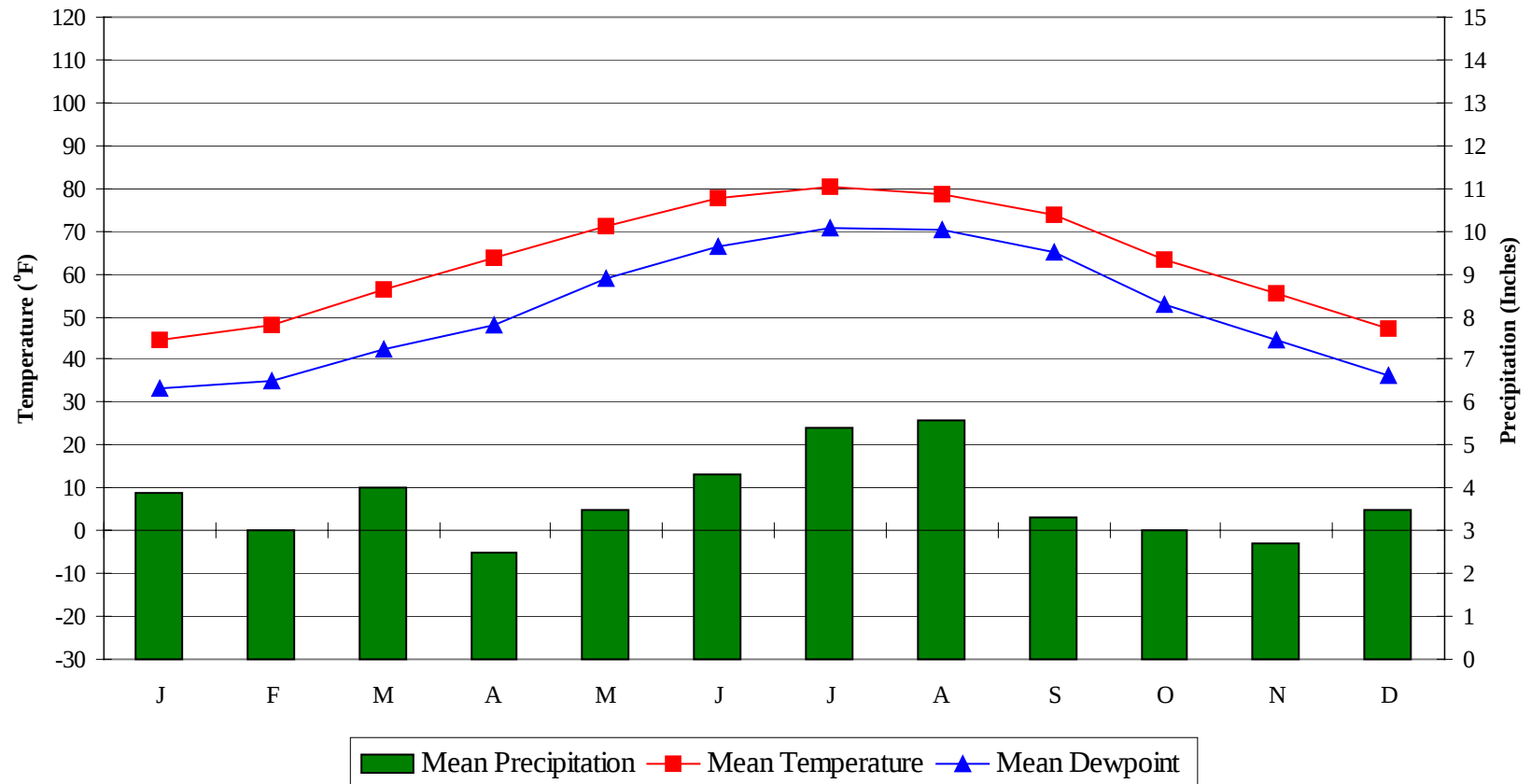
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
11	4.1	110	5.2 + 1.6
Ground Water Temperature (°F) 50 Foot Depth *	Frost Depth 50 Year Recurrence (in.)	Ground Snow Load 50 Year Recurrence (lb/ft ²)	Average Annual Freeze-Thaw Cycles (#)
65.9	0	3	33

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

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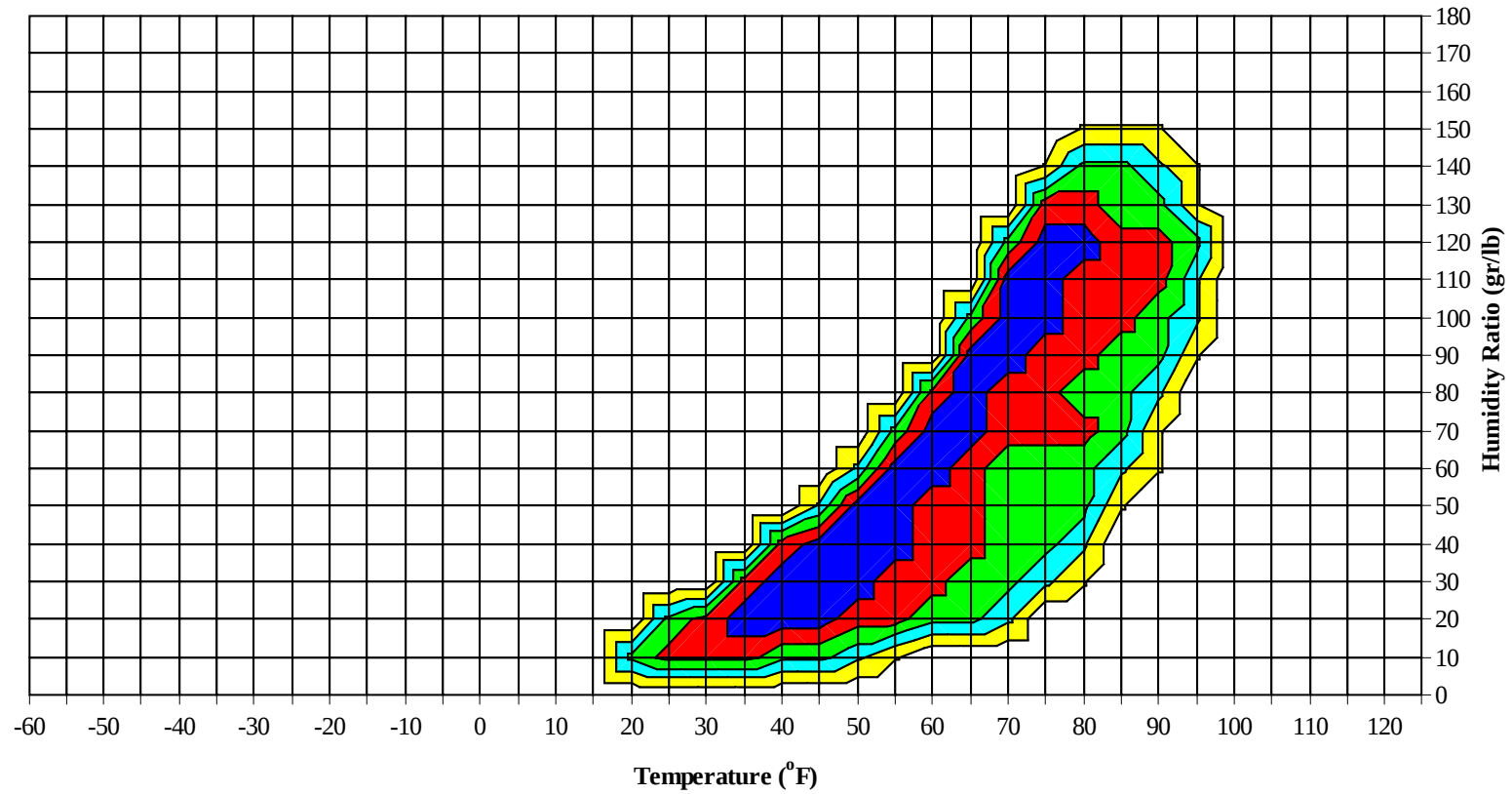
Average Annual Climate



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Long Term Psychrometric Summary

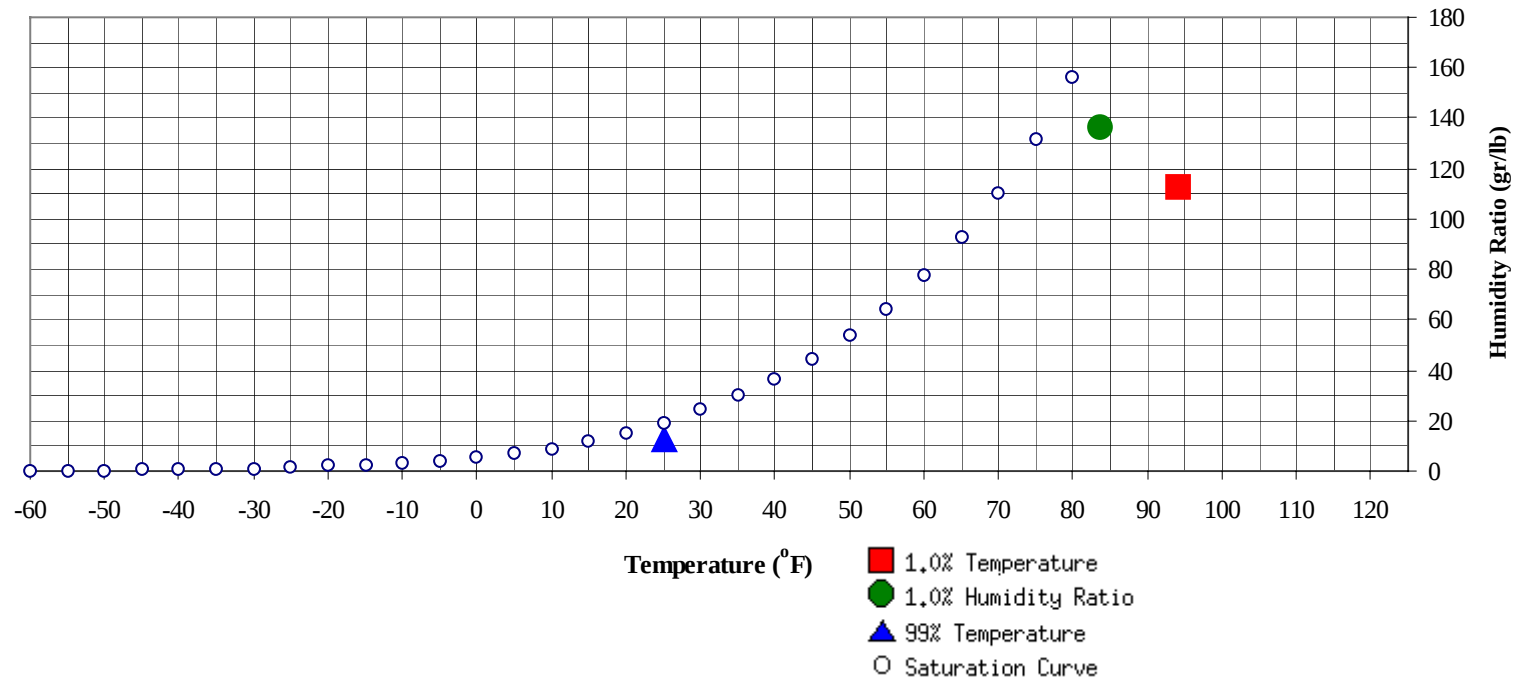


- 50% of all observations
- 80% of all observations
- 95% of all observations
- 97.5% of all observations
- 99% of all observations

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Psychrometric Summary of Peak Design Values



	(°F)	MCHR (gr/lb)	Enthalpy (btu/lb)	1.0% Humidity Ratio	(gr/lb)	MCDB (°F)	MCWB (°F)	MC Dewpt (°F)	Enthalpy (btu/lb)
99% Dry Bulb	25	12.6	7.9		136.5	83.6	78	75.9	41.5

1.0% Dry Bulb	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
	94	112.5	76.9	40.3

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

Period of Record = 1973 to 1996

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		
105 / 109															
100 / 104															
95 / 99															
90 / 94															
85 / 89	0	0		0	70.5							0		0	67.6
80 / 84	0	1	0	1	67.7		3	0	3	65.0		3	1	4	66.6
75 / 79	0	3	1	4	64.5		8	2	10	63.0	0	23	10	33	62.2
70 / 74	1	8	3	12	62.5	0	16	6	22	59.8	2	33	19	54	60.0
65 / 69	4	14	9	27	59.3	4	25	15	44	57.5	14	37	32	83	57.8
60 / 64	10	21	17	48	56.0	15	27	27	69	55.2	28	42	46	117	55.1
55 / 59	10	31	19	60	50.7	15	27	27	69	50.0	36	35	39	109	50.7
50 / 54	21	39	34	94	46.3	24	30	31	85	45.9	43	28	39	109	46.6
45 / 49	30	42	43	115	42.4	27	28	33	88	41.6	40	18	28	85	42.3
40 / 44	42	34	44	120	38.3	38	25	33	96	37.7	37	11	18	65	38.1
35 / 39	40	28	34	102	33.4	36	21	23	80	33.2	27	5	9	41	33.7
30 / 34	39	17	25	81	28.9	31	10	16	57	29.1	16	1	4	21	29.4
25 / 29	29	7	14	50	24.2	20	3	8	31	24.4	4	0	1	5	24.4
20 / 24	15	3	5	23	19.9	10	1	2	13	20.1	1	0	1	2	21.4
15 / 19	6	1	1	8	15.3	3	0	1	4	16.3	0			0	17.4
10 / 14	1	0	0	1	9.9	0		0	0	11.4	0			0	11.7
5 / 9	0	0	0	0	4.1			0	0						
0 / 4	0			0	-0.8										

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 1996

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		
105 / 109															
100 / 104												2	0	2	76.5
95 / 99		0	0	0	67.7		2	0	2	74.1		11	3	14	76.1
90 / 94		4	1	5	67.6		14	4	18	72.4	0	39	12	51	75.3
85 / 89		17	5	22	66.9		42	13	55	70.5	1	71	30	102	73.5
80 / 84		30	12	42	65.1	0	62	27	89	68.6	8	61	44	113	72.0
75 / 79	1	41	21	63	63.0	10	56	44	110	66.9	47	37	65	149	71.0
70 / 74	8	44	36	88	60.6	44	39	62	145	65.6	99	14	59	172	69.1
65 / 69	28	41	52	121	58.7	74	20	51	145	62.7	56	4	21	81	64.5
60 / 64	50	31	44	125	55.6	55	9	25	89	58.3	20	1	5	26	59.2
55 / 59	46	19	31	96	51.5	35	4	15	54	53.6	8	0	1	9	54.9
50 / 54	44	8	22	74	47.3	21	1	7	29	49.1	1		0	1	49.8
45 / 49	32	4	11	47	43.1	8	0	0	8	45.1					
40 / 44	21	1	4	26	38.9	1		0	1	41.2					
35 / 39	8		1	9	34.7	0			0	36.8					
30 / 34	2		0	2	29.8										
25 / 29	0			0	26.8										
20 / 24															
15 / 19															
10 / 14															
5 / 9															
0 / 4															

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

Period of Record = 1973 to 1996

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		
105 / 109						0			0	75.0					
100 / 104		4	1	5	77.1	0	2	0	2	78.0					
95 / 99		22	5	27	77.9	0	9	2	11	78.6		4	0	4	76.5
90 / 94		66	21	87	77.4	0	52	13	65	77.1		23	3	26	76.3
85 / 89	1	77	36	114	76.1	0	77	28	105	75.6		52	13	65	74.3
80 / 84	20	50	57	127	74.8	9	61	50	120	74.3	1	60	28	89	71.9
75 / 79	98	21	79	198	73.5	71	31	87	189	73.1	28	49	65	142	71.0
70 / 74	104	6	44	154	70.5	125	12	57	194	70.3	86	31	71	188	68.8
65 / 69	22	1	4	27	65.5	33	3	9	45	65.4	61	14	33	108	64.0
60 / 64	3	0	1	4	61.0	8	0	2	10	60.3	32	6	18	56	59.3
55 / 59	0			0	57.0	2	0		2	55.7	20	2	7	29	54.4
50 / 54						0			0	54.0	9	0	2	11	50.2
45 / 49											2		0	2	46.3
40 / 44											0			0	44.0
35 / 39															
30 / 34															
25 / 29															
20 / 24															
15 / 19															
10 / 14															
5 / 9															
0 / 4															

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

Period of Record = 1973 to 1996

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		
105 / 109															
100 / 104															
95 / 99		0		0	74.0										
90 / 94		2	0	2	73.1										
85 / 89		9	1	10	71.6		1		1	68.7		0		0	71.0
80 / 84	0	38	6	44	68.7		8	1	9	67.8		1		1	69.0
75 / 79	2	46	19	67	66.4	0	25	4	29	65.4		8	1	9	65.3
70 / 74	14	49	39	102	64.5	6	37	18	61	63.5	1	14	4	19	63.5
65 / 69	34	46	50	130	61.1	19	36	30	85	60.8	8	20	13	41	60.4
60 / 64	48	32	47	127	57.2	25	37	34	96	56.2	10	29	19	58	55.4
55 / 59	44	15	39	98	52.9	29	37	37	103	51.4	17	34	28	79	51.4
50 / 54	45	7	28	80	48.7	34	31	40	105	47.2	23	40	40	103	46.5
45 / 49	35	3	14	52	44.4	35	17	34	87	42.7	35	41	42	118	42.4
40 / 44	19	1	4	24	40.2	34	9	22	65	38.8	40	30	42	112	38.0
35 / 39	7		1	8	35.7	29	3	14	46	34.3	42	18	29	89	33.6
30 / 34	1		0	1	31.0	22	0	4	26	30.1	33	9	20	62	28.9
25 / 29	0			0	28.0	5		0	5	25.9	24	3	8	35	24.4
20 / 24						0			0	22.7	10	1	2	13	20.2
15 / 19											2	1	1	4	15.8
10 / 14											1	0	0	1	10.1
5 / 9											0			0	7.5
0 / 4															

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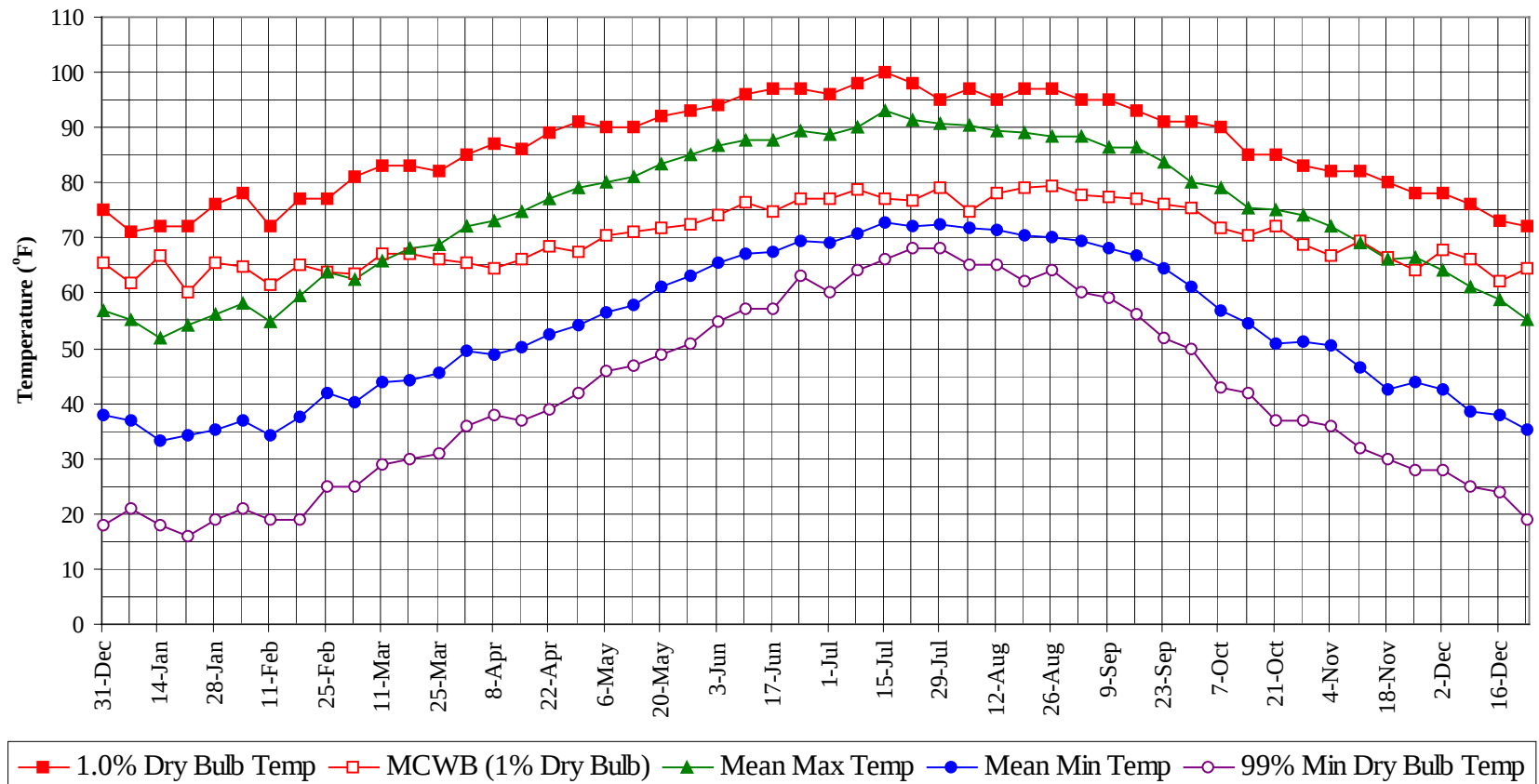
Dry-Bulb Temperature Hours For An Average Year (Sheet 5 of 5)

Period of Record = 1973 to 1996

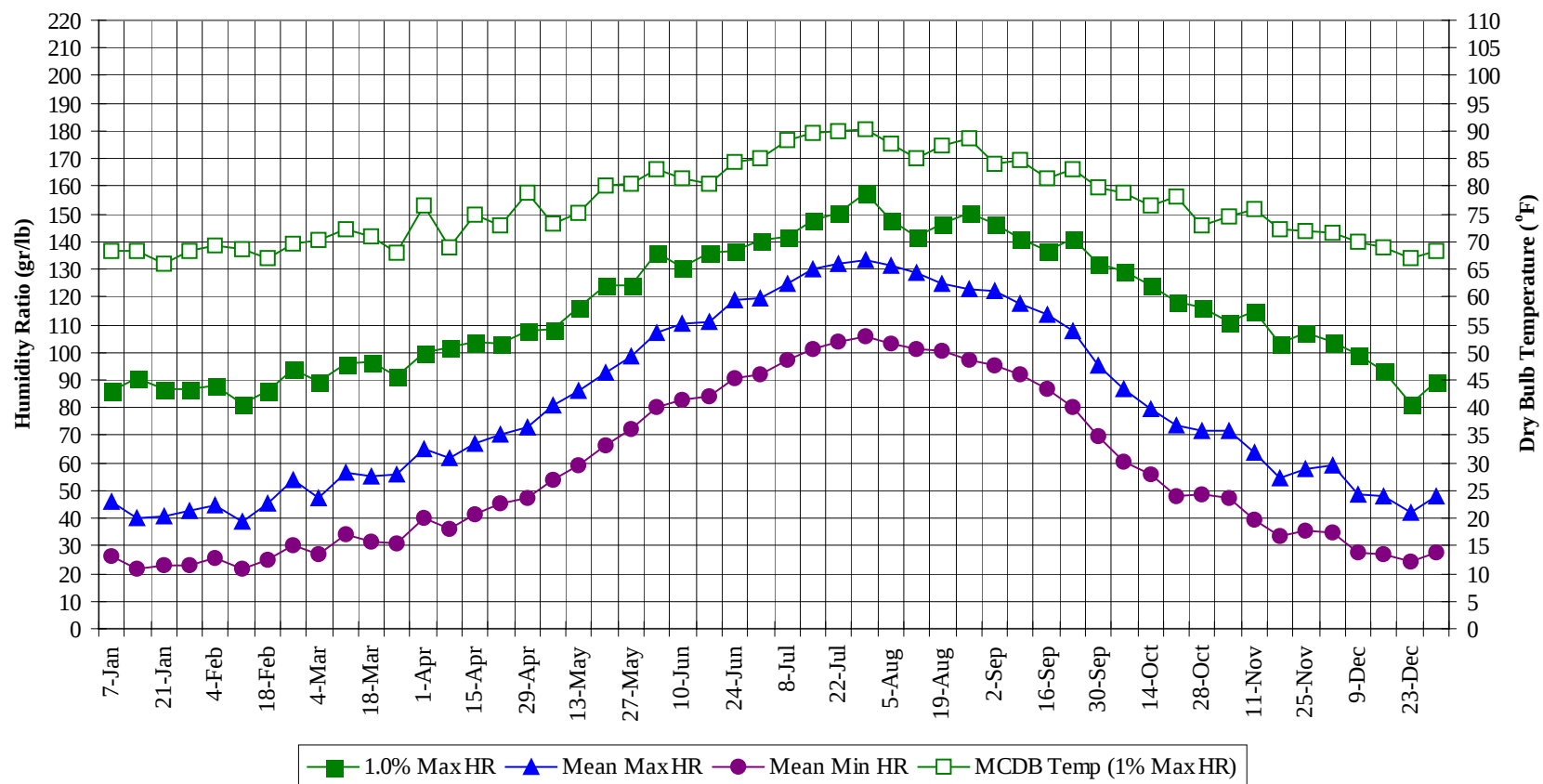
Annual Totals					
Temperature Range (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00		
105 / 109	0			0	75.0
100 / 104	0	7	1	8	77.2
95 / 99	0	48	10	58	77.3
90 / 94	0	200	54	254	76.2
85 / 89	2	351	127	479	73.9
80 / 84	38	386	227	651	71.5
75 / 79	255	348	396	999	70.0
70 / 74	490	302	417	1208	67.0
65 / 69	358	262	317	937	61.4
60 / 64	306	235	286	826	56.6
55 / 59	262	202	243	706	51.7
50 / 54	264	185	244	692	47.0
45 / 49	244	153	207	603	42.6
40 / 44	232	110	169	510	38.3
35 / 39	191	75	111	376	33.6
30 / 34	145	38	69	252	29.1
25 / 29	83	14	31	128	24.4
20 / 24	36	5	9	50	20.1
15 / 19	12	2	3	17	15.7
10 / 14	3	0	1	4	10.2
5 / 9	0	0	0	0	4.9
0 / 4	0			0	-0.8

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Annual Summary of Temperatures



Long Term Humidity and Dry Bulb Temperature Summary

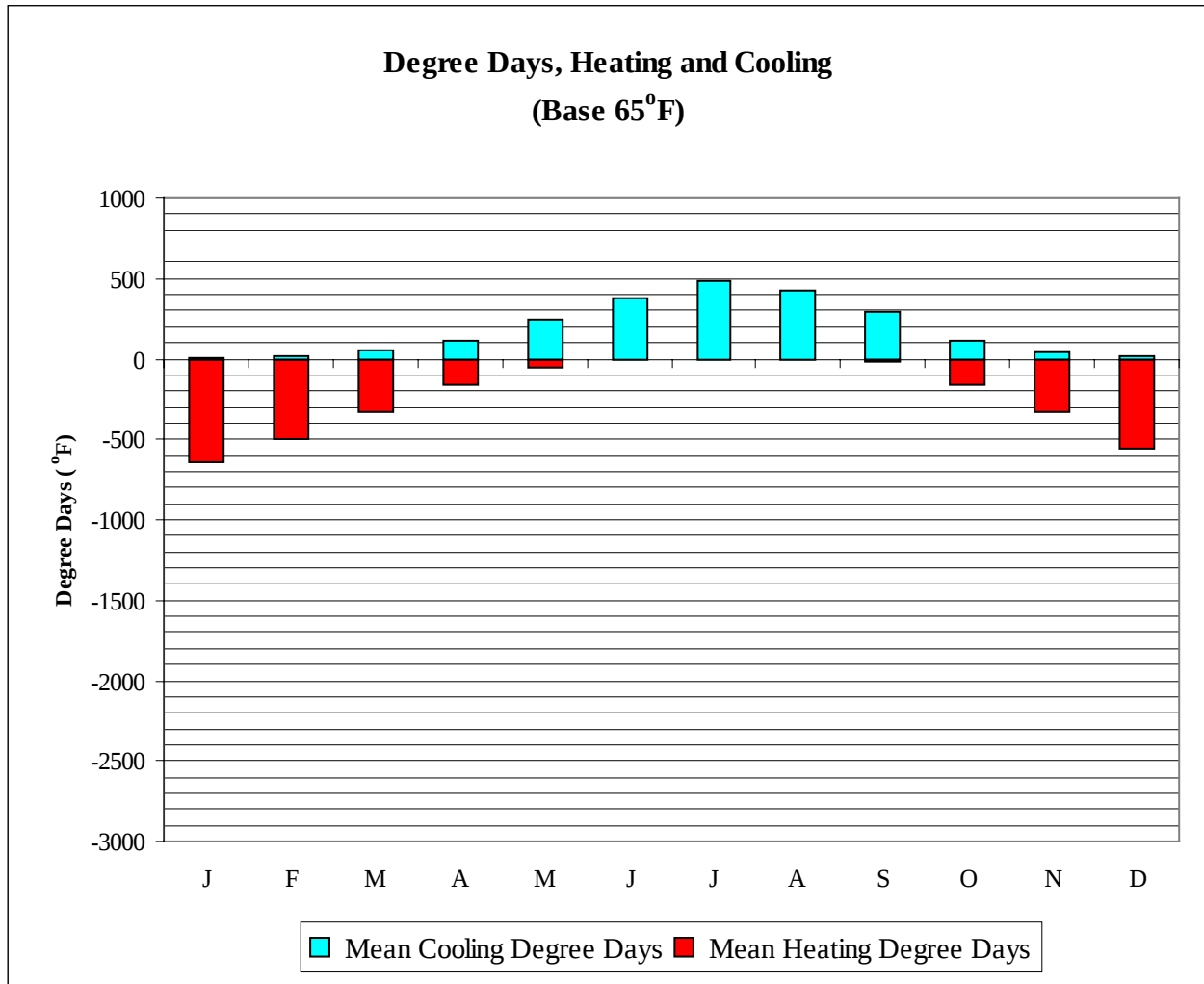


FLORENCE**SC****WMO No. 723106****Long Term Dry Bulb Temperature and Humidity Summary**

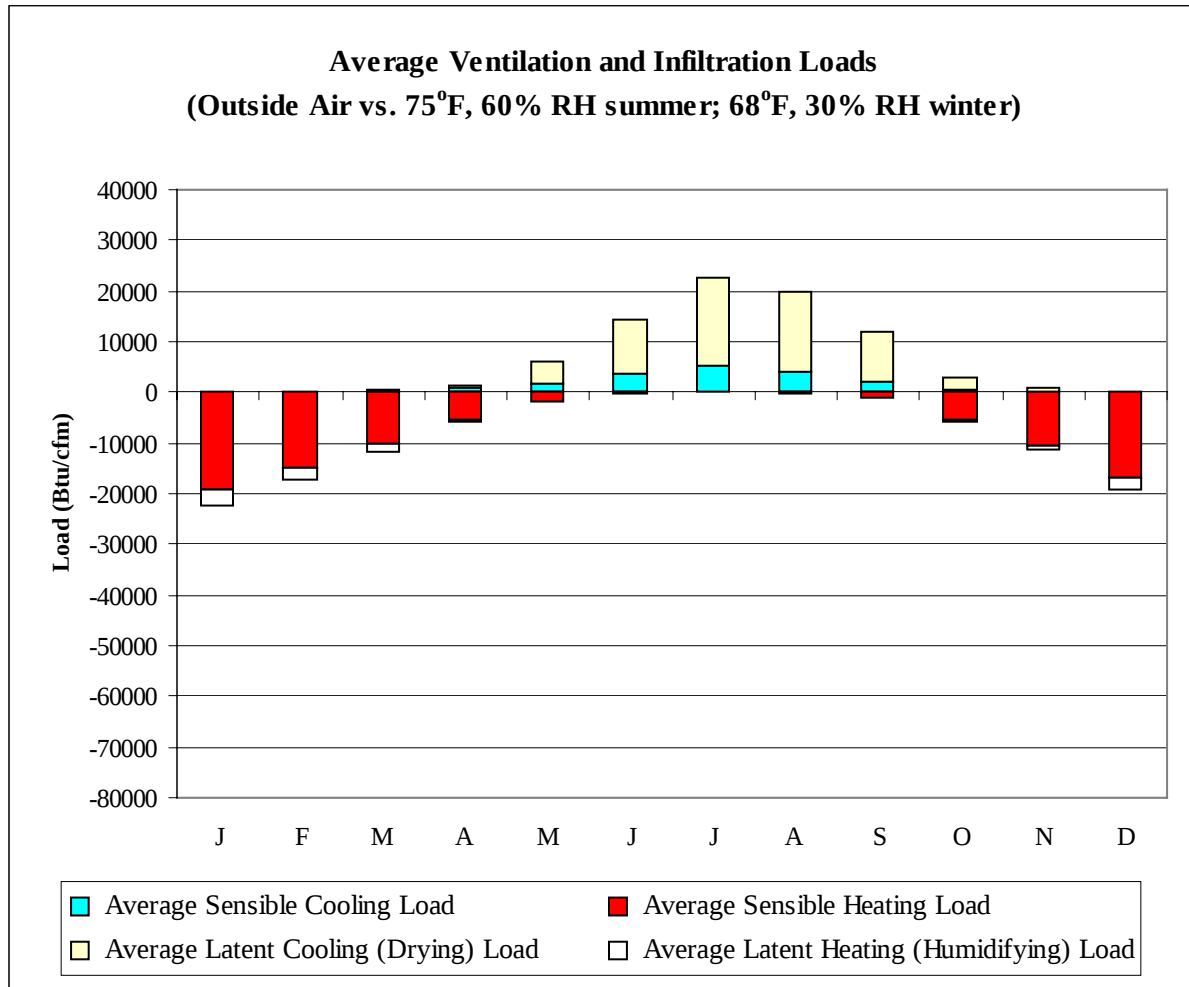
Week Ending	1.0% Temp (°F)	MCWB @ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB @ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	71.0	61.9	55.0	36.8	21.0	86.1	68.2	45.7	26.5
14-Jan	72.0	66.9	51.9	33.2	18.0	90.3	68.4	40.1	21.7
21-Jan	72.0	60.0	54.3	34.4	16.0	86.8	66.0	40.7	23.0
28-Jan	76.0	65.3	56.2	35.2	19.0	86.8	68.3	42.5	23.1
4-Feb	78.0	64.8	58.3	36.7	21.0	88.2	69.4	45.0	25.6
11-Feb	72.0	61.6	54.7	34.1	19.0	81.2	68.7	38.9	21.5
18-Feb	77.0	65.0	59.5	37.4	19.0	86.1	67.1	45.2	25.0
25-Feb	77.0	63.7	63.7	41.8	25.0	93.8	69.7	53.8	30.2
4-Mar	81.0	63.6	62.6	40.2	25.0	89.6	70.1	47.0	26.8
11-Mar	83.0	67.0	65.7	43.8	29.0	95.9	72.2	56.7	34.3
18-Mar	83.0	67.1	68.0	44.3	30.0	96.6	71.0	55.3	31.6
25-Mar	82.0	66.1	68.8	45.5	31.0	91.0	68.0	55.7	31.1
1-Apr	85.0	65.6	72.1	49.6	36.0	100.1	76.5	64.7	40.1
8-Apr	87.0	64.3	73.1	48.9	38.0	101.5	69.0	61.5	36.1
15-Apr	86.0	66.1	74.7	50.1	37.0	103.6	74.8	66.8	41.2
22-Apr	89.0	68.6	77.2	52.4	39.0	102.9	72.9	70.2	45.3
29-Apr	91.0	67.4	79.2	54.3	42.0	107.8	78.9	73.1	47.2
6-May	90.0	70.6	80.1	56.5	46.0	108.5	73.3	80.6	53.6
13-May	90.0	71.1	80.9	57.9	47.0	116.2	75.1	85.9	58.9
20-May	92.0	71.8	83.3	61.0	49.0	123.9	80.2	92.6	66.4
27-May	93.0	72.5	84.9	63.1	51.0	123.9	80.5	98.4	72.1
3-Jun	94.0	74.2	86.7	65.3	55.0	135.8	83.2	107.1	80.1
10-Jun	96.0	76.5	87.8	67.2	57.0	130.9	81.5	110.7	83.0
17-Jun	97.0	74.9	87.7	67.4	57.0	135.8	80.3	111.2	84.0
24-Jun	97.0	77.1	89.3	69.4	63.0	136.5	84.4	119.0	90.5
1-Jul	96.0	77.2	88.7	69.2	60.0	140.7	85.0	119.4	92.0
8-Jul	98.0	78.6	90.2	70.9	64.0	142.1	88.4	124.7	97.3
15-Jul	100.0	77.2	92.9	72.7	66.0	147.7	89.8	130.2	101.3
22-Jul	98.0	76.7	91.5	72.3	68.0	150.5	89.9	131.8	103.9
29-Jul	95.0	79.0	90.6	72.5	68.0	157.5	90.4	133.6	105.6
5-Aug	97.0	74.8	90.5	71.8	65.0	147.7	87.6	131.6	103.3
12-Aug	95.0	78.2	89.5	71.3	65.0	142.1	85.0	128.8	101.3
19-Aug	97.0	79.0	88.9	70.6	62.0	146.3	87.4	124.7	100.7
26-Aug	97.0	79.6	88.5	70.0	64.0	150.5	88.8	122.6	97.0
2-Sep	95.0	77.6	88.5	69.5	60.0	146.3	84.2	122.4	95.5
9-Sep	95.0	77.6	86.4	68.3	59.0	141.4	84.8	117.8	92.1
16-Sep	93.0	77.2	86.4	66.9	56.0	136.5	81.5	113.9	86.9
23-Sep	91.0	76.1	83.8	64.4	52.0	141.4	82.9	107.5	80.4
30-Sep	91.0	75.3	80.1	61.2	50.0	132.3	79.7	95.0	69.8
7-Oct	90.0	71.6	79.0	56.8	43.0	129.5	78.9	86.8	60.3
14-Oct	85.0	70.5	75.6	54.4	42.0	123.9	76.5	79.2	55.7
21-Oct	85.0	72.1	75.2	50.7	37.0	118.3	78.1	73.3	48.1
28-Oct	83.0	68.6	74.1	51.1	37.0	116.2	72.9	71.8	48.4
4-Nov	82.0	66.7	72.3	50.7	36.0	111.3	74.7	71.8	47.4
11-Nov	82.0	69.5	69.0	46.4	32.0	114.8	76.0	64.0	39.3
18-Nov	80.0	66.6	66.3	42.5	30.0	102.9	72.2	54.8	33.6
25-Nov	78.0	64.0	66.3	43.9	28.0	107.1	71.9	58.1	35.2
2-Dec	78.0	67.8	64.1	42.7	28.0	103.6	71.6	59.1	34.7
9-Dec	76.0	66.2	61.2	38.4	25.0	99.4	69.9	48.9	27.3
16-Dec	73.0	62.0	58.9	37.9	24.0	93.1	68.9	48.3	27.0
23-Dec	72.0	64.5	55.1	35.3	19.0	81.2	67.0	41.8	24.2
31-Dec	75.0	65.5	57.0	37.8	18.0	89.6	68.3	47.8	27.4

FLORENCE SC

WMO No. 723106



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	8	646
FEB	16	494
MAR	51	324
APR	119	157
MAY	243	49
JUN	382	6
JUL	482	0
AUG	429	2
SEP	291	22
OCT	113	160
NOV	44	327
DEC	12	560
ANN	2190	2747



	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	14	-19050	98	-3205
FEB	35	-14806	99	-2608
MAR	216	-10322	326	-1413
APR	781	-5459	723	-478
MAY	1903	-2011	4177	-28
JUN	3683	-345	10726	0
JUL	5130	-42	17571	0
AUG	4088	-109	15895	0
SEP	2275	-998	9581	0
OCT	593	-5583	2405	-138
NOV	123	-10344	922	-1049
DEC	16	-16773	229	-2602
ANN	18857	-85842	62752	-11521

Average Annual Solar Radiation – Nearest Available Site

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

City: CHARLESTON
 State: SC
 WBAN No: 13880
 Lat(N): 32.9
 Long(W): 80.03
 Elev(ft): 39

Stn Type: Primary
 SHADING GEOMETRY IN DIMENSIONLESS UNITS
 Window: 1
 Overhang: 0.994
 Vert Gap: 0.66

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	860	1120	1480	1860	1970	1970	1930	1730	1490	1280	970	800	1460
	Std Dev	57	98	108	113	120	137	124	113	137	106	76	61	34
	Minimum	730	970	1240	1650	1590	1760	1510	1520	1170	1020	740	690	1360
	Maximum	1000	1360	1660	2140	2160	2200	2140	1990	1770	1460	1090	910	1520
	Diffuse	360	450	570	680	850	920	930	860	730	510	390	330	630
Clear Day	Global	1180	1510	1930	2310	2510	2570	2490	2290	1970	1570	1210	1070	1890
NORTH	Global	240	300	370	460	570	620	600	500	420	340	260	220	410
	Diffuse	240	300	370	440	510	540	530	480	420	340	260	220	390
Clear Day	Global	220	270	340	430	580	680	620	490	390	310	240	210	400
EAST	Global	540	680	870	1060	1080	1050	1050	980	860	780	610	520	840
	Diffuse	290	360	460	550	630	650	650	610	530	420	320	270	480
Clear Day	Global	810	990	1170	1320	1370	1360	1320	1260	1150	990	810	740	1110
SOUTH	Global	1180	1220	1150	970	750	660	690	800	980	1240	1260	1190	1010
	Diffuse	380	450	510	540	560	560	570	570	560	500	430	380	500
Clear Day	Global	1990	1930	1630	1170	830	700	750	1010	1400	1740	1880	1930	1410
WEST	Global	540	690	850	1030	1030	1010	980	900	820	760	610	510	810
	Diffuse	290	370	460	560	630	650	640	600	520	420	320	270	480
Clear Day	Global	810	990	1170	1320	1370	1360	1320	1260	1150	990	810	740	1110

Average Annual Solar Heat and Illumination – Nearest Available Site

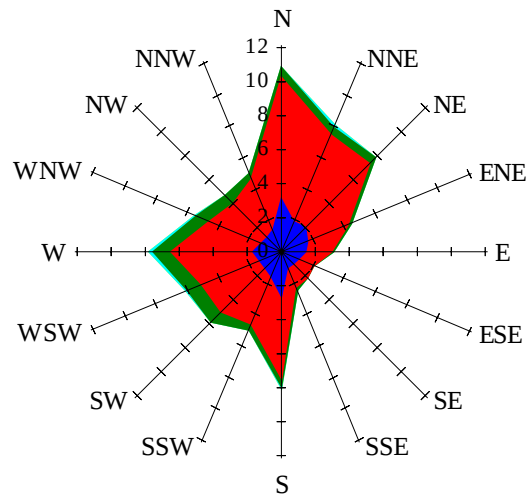
(Source: National Renewable Energy Laboratory, Golden CO, 1995)

AVERAGE TRANSMITTED SOLAR RADIATION (Btu/sq.ft./day) FOR DOUBLE GLAZING, Percentage Uncertainty = 9		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ	Unshaded	580	780	1060	1350	1430	1430	1400	1250	1070	910	670	530	1040
NORTH	Unshaded	170	210	260	310	370	410	390	340	290	230	180	160	280
	Shaded	140	180	230	270	320	340	330	290	250	200	160	130	240
EAST	Unshaded	380	480	620	750	770	750	750	700	610	550	420	350	590
	Shaded	320	400	500	600	610	590	590	550	490	450	350	300	480
SOUTH	Unshaded	880	880	770	600	450	410	420	500	640	870	930	890	690
	Shaded	820	700	400	320	330	330	340	330	330	600	840	860	520
WEST	Unshaded	380	490	610	740	730	710	690	640	580	540	420	350	570
	Shaded	320	410	490	590	580	560	540	500	470	440	350	300	460

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	78	91	76	37	38	80	103	99	72
	M.Cloudy	23	50	59	49	23	27	58	78	74	49
NORTH	M.Clear	10	14	16	14	10	23	17	18	18	17
	M.Cloudy	9	16	18	16	9	16	18	20	19	16
EAST	M.Clear	76	65	16	14	10	66	75	39	18	17
	M.Cloudy	30	37	18	16	9	36	50	33	19	16
SOUTH	M.Clear	33	65	76	64	31	12	21	35	34	18
	M.Cloudy	16	37	45	37	16	11	20	31	29	17
WEST	M.Clear	10	14	16	65	73	12	17	18	47	75
	M.Cloudy	9	16	18	37	31	11	18	20	37	44
M.Clear	(% hrs)	40	41	39	39	38	35	34	29	29	35
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	22	66	89	84	53	17	50	60	43	9
	M.Cloudy	15	45	64	60	37	10	30	36	27	6
NORTH	M.Clear	8	16	18	18	14	6	11	12	10	4
	M.Cloudy	7	16	19	19	14	5	11	13	10	3
EAST	M.Clear	50	73	37	18	14	47	48	12	10	4
	M.Cloudy	21	41	30	19	14	14	24	13	10	3
SOUTH	M.Clear	14	48	67	62	38	38	81	92	73	22
	M.Cloudy	8	29	45	42	24	12	35	41	31	7
WEST	M.Clear	8	16	18	48	69	6	11	18	53	31
	M.Cloudy	7	16	19	35	38	5	11	15	24	9
M.Clear	(% hrs)	41	38	31	28	33	39	39	39	38	40

Wind Summary - December, January, and February

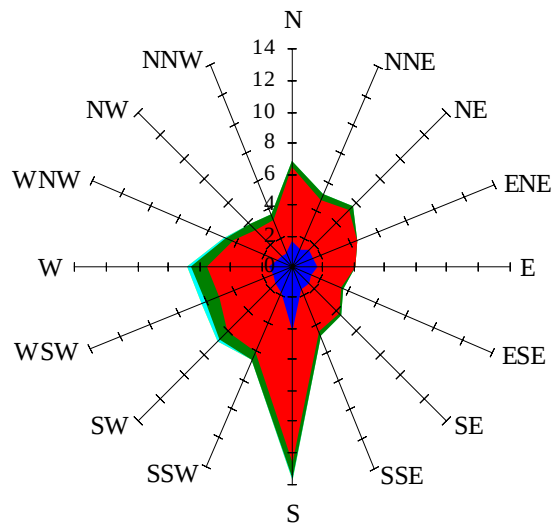
Labels of Percent Frequency on North Axis



Percent Calm = 12.35

Wind Summary - March, April, and May

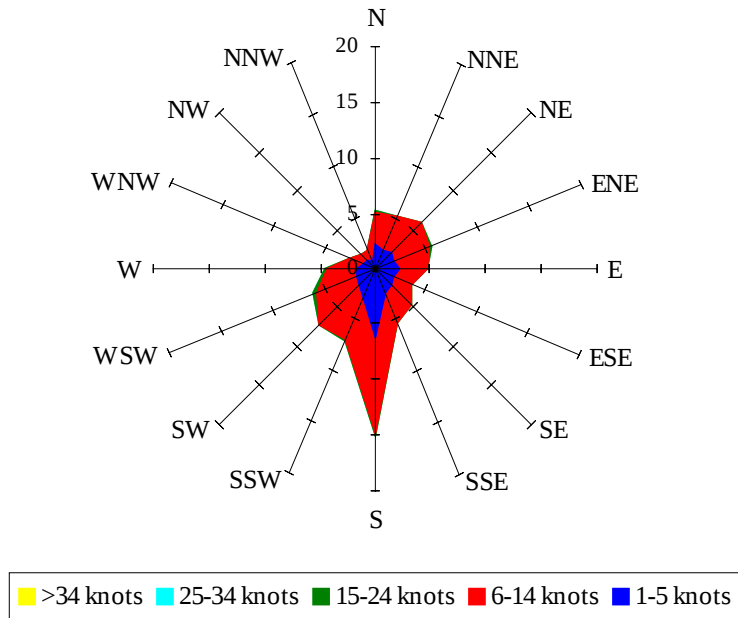
Labels of Percent Frequency on North Axis



Percent Calm = 10.03

Wind Summary - June, July, and August

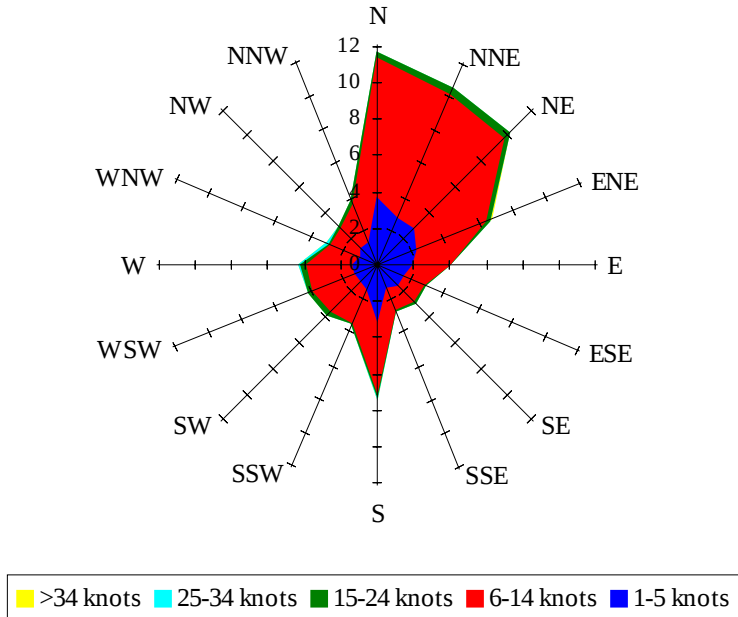
Labels of Percent Frequency on North Axis



Percent Calm = 14.44

Wind Summary - September, October, and November

Labels of Percent Frequency on North Axis



Percent Calm = 16.37