

BRUNSWICK/MALCOLM GA

Latitude = 31.15 N

WMO No. 722137

Longitude = 81.38 W

Elevation = 20 feet

Period of Record = 1973 to 1996

Average Pressure = 30.01 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	98	79	119	10.7	WSW
0.4% Occurrence	93	78	121	10.3	WSW
1.0% Occurrence	91	78	125	10.3	SSE
2.0% Occurrence	89	78	126	10.4	SSE
Mean Daily Range	15	-	-	-	-
97.5% Occurrence	37	34	25	7.2	N
99.0% Occurrence	33	31	21	7.1	N
99.6% Occurrence	29	27	17	7.6	N
Median of Extreme Lows	23	20	10	10.8	WNW
	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	91	152	10.9	SSE
0.4% Occurrence	81	89	143	10.7	SSE
1.0% Occurrence	80	87	139	10.4	SSE
2.0% Occurrence	79	86	135	10.1	SSE
	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	167	89	1.10	10.6	SSE
0.4% Occurrence	147	86	0.97	10.5	S
1.0% Occurrence	141	84	0.94	9.8	S
2.0% Occurrence	140	84	0.94	9.6	SSE
Air Conditioning/ Humid Area Criteria	# of Hours	T ≥ 93°F	T ≥ 80°F	T _{wb} ≥ 73°F	T _{wb} ≥ 67°F
		48	1731	2481	4020

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
10	4.3	120	8.3 + 1.7
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 (#)
69.9	N/A	N/A	9

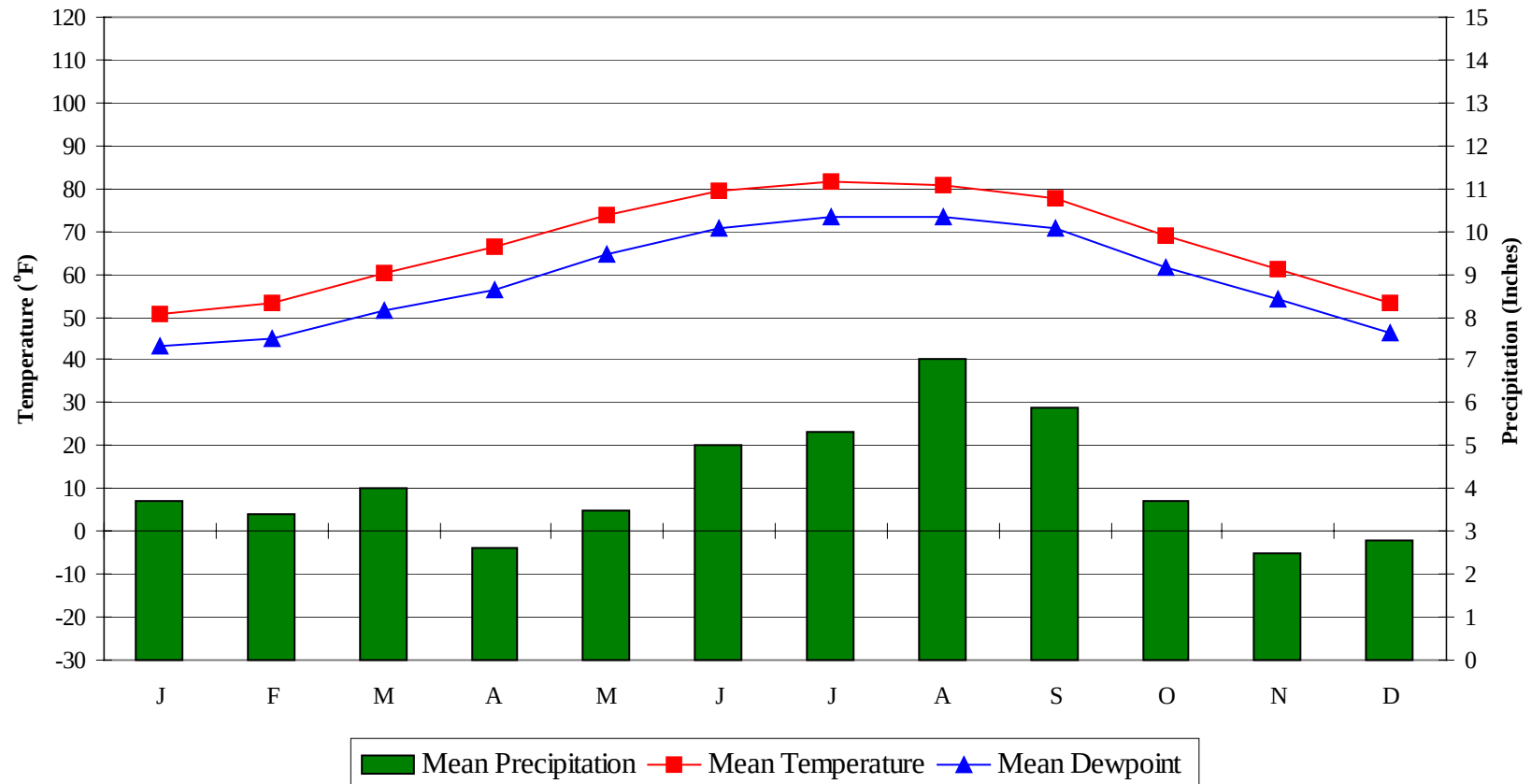
*Note: Temperatures at greater depths can be estimated by adding 1.5°F per 100 feet additional depth.

BRUNSWICK/MALCOLM

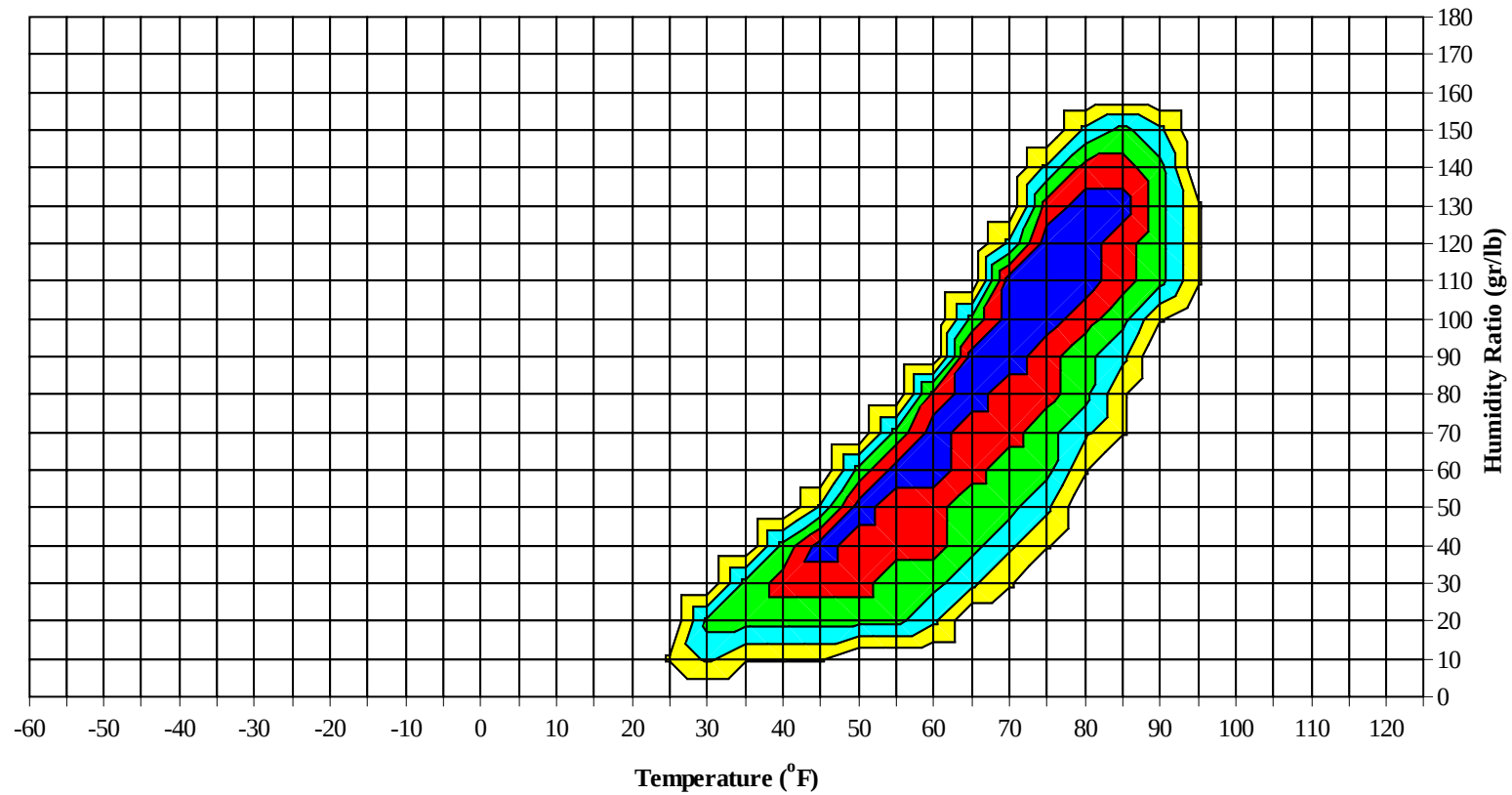
GA

WMO No. 722137

Average Annual Climate



Long Term Psychrometric Summary



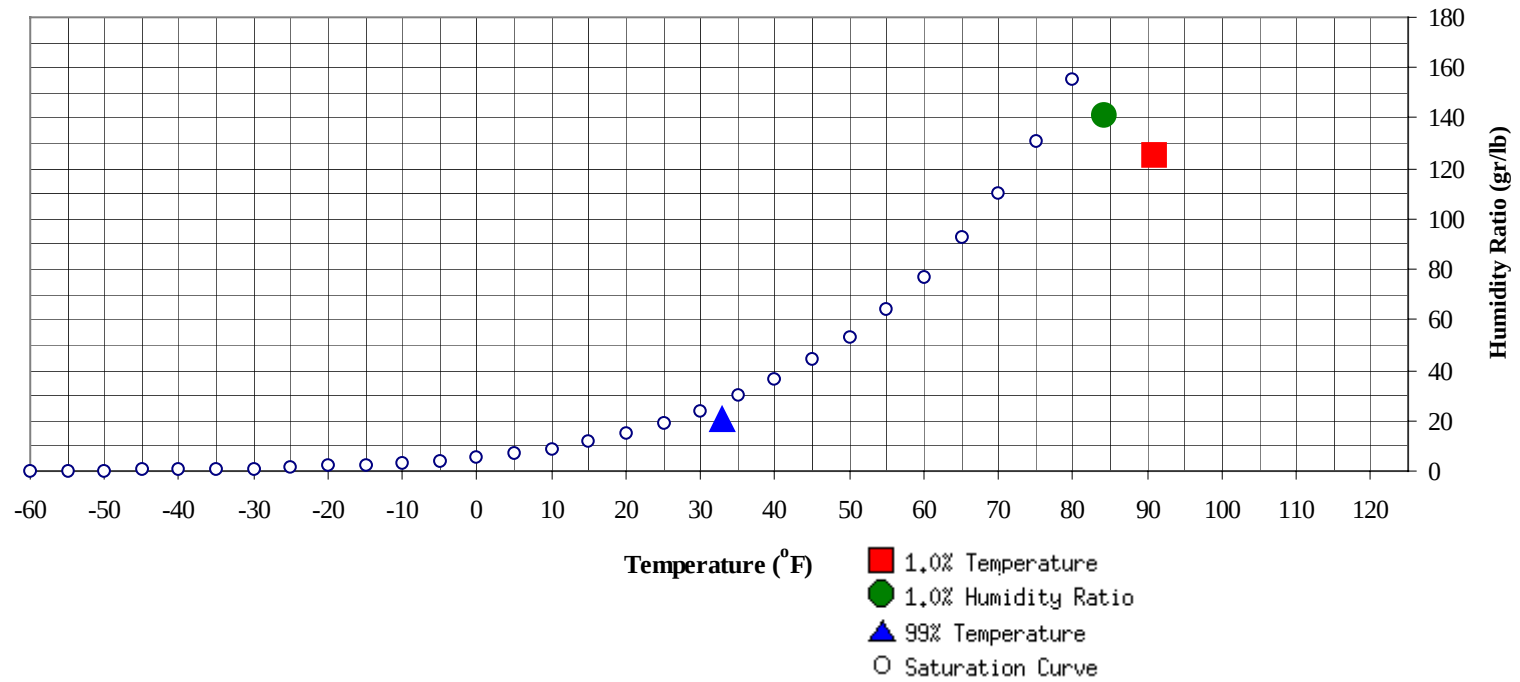
- 50% of all observations
- 80% of all observations
- 95% of all observations
- 97.5% of all observations
- 99% of all observations

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GA

WMO No. 722137

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)
	33	20.9	11.1		141.4	84.2	78.9	77	42.4

1.0% Dry Bulb	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
	91	125.4	78.3	41.6

BRUNSWICK/MALCOLM

GA

WMO No. 722137

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		
100 / 104															
95 / 99															
90 / 94															
85 / 89															
80 / 84		0		0	67.5		1	0	1	66.2		1	0	1	68.0
75 / 79		4	1	5	67.2		5	1	6	65.9	0	21	5	26	65.3
70 / 74		11	2	13	64.9	0	20	4	24	62.6	1	45	15	61	63.9
65 / 69	5	24	13	42	61.8	6	34	20	60	60.9	30	59	51	141	61.9
60 / 64	22	43	29	94	58.3	30	42	42	114	57.9	65	49	72	186	58.4
55 / 59	38	48	48	134	53.6	37	38	47	122	53.2	55	37	50	141	53.1
50 / 54	36	46	49	131	48.8	41	36	44	120	48.3	36	17	30	82	48.1
45 / 49	39	34	46	119	43.7	38	26	31	95	43.3	30	9	15	54	43.3
40 / 44	35	22	31	88	38.9	28	15	21	63	38.5	20	3	5	27	38.7
35 / 39	31	11	20	62	34.3	25	5	10	40	34.2	9	1	2	12	34.4
30 / 34	26	5	8	39	29.9	14	3	5	22	29.8	2	0	1	3	29.3
25 / 29	10	1	2	13	24.8	5	0	0	5	25.6	1	0	0	1	25.1
20 / 24	2	1	1	4	19.4	0			0	19.9	0			0	20.0
15 / 19	1	0	0	1	15.7	0			0	17.0					
10 / 14	0	0		0	9.6										
5 / 9	0	0		0	5.8										

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.

BRUNSWICK/MALCOLM

GA

WMO No. 722137

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		
100 / 104												0		0	81.0
95 / 99							0	0	0	74.0		5	1	6	77.6
90 / 94		1	0	1	70.4		4	1	5	74.3		23	4	27	77.2
85 / 89		5	1	6	69.0		24	4	28	73.3	0	72	17	89	76.6
80 / 84		18	3	21	68.3	1	80	20	101	72.2	22	100	79	200	74.9
75 / 79	1	55	17	73	67.4	35	90	87	212	70.3	126	31	107	264	72.8
70 / 74	21	71	62	154	65.3	102	37	95	234	67.6	76	8	29	113	70.1
65 / 69	73	51	80	205	62.2	67	11	33	111	63.3	14	1	3	18	65.3
60 / 64	59	26	46	131	57.4	27	2	7	36	58.8	2	0	0	2	61.2
55 / 59	41	9	21	71	52.7	13	0	2	15	54.2	0		0	0	52.0
50 / 54	26	3	8	37	48.4	3	0	0	3	51.1	0			0	50.5
45 / 49	14	1	2	17	44.2	0		0	0	46.3					
40 / 44	4	0	0	4	39.9										
35 / 39	0			0	35.3										
30 / 34															
25 / 29															
20 / 24															
15 / 19															
10 / 14															
5 / 9															

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BRUNSWICK/MALCOLM

GA

WMO No. 722137

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		
100 / 104		1	0	1	79.3										
95 / 99		9	1	10	79.1		4	0	4	78.4		0		0	76.8
90 / 94	0	46	7	53	78.8		27	2	29	79.0		7	0	7	77.4
85 / 89	1	119	43	163	77.9	1	116	32	149	77.8	0	64	8	72	77.1
80 / 84	59	57	116	233	76.0	56	75	124	255	76.2	20	95	83	199	75.3
75 / 79	153	14	70	236	74.1	137	22	72	231	74.3	101	50	96	247	73.0
70 / 74	34	2	11	47	71.6	50	4	17	71	71.6	85	19	40	144	70.1
65 / 69	1		0	1	66.7	4	0	1	5	67.0	21	4	9	34	64.7
60 / 64							0		0	64.0	9	1	3	13	59.8
55 / 59											3		0	3	54.9
50 / 54											0			0	50.0
45 / 49															
40 / 44															
35 / 39															
30 / 34															
25 / 29															
20 / 24															
15 / 19															
10 / 14															
5 / 9															

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BRUNSWICK/MALCOLM

GA

WMO No. 722137

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		
100 / 104															
95 / 99		0		0	75.0										
90 / 94		1	0	1	75.6										
85 / 89		8	1	9	74.4										
80 / 84	1	44	7	52	73.3		5	0	5	70.6		1		1	71.1
75 / 79	27	69	50	146	71.0	1	34	3	38	69.8		7	0	7	68.8
70 / 74	52	60	74	186	67.6	17	57	35	110	67.4	2	21	6	29	66.3
65 / 69	54	42	56	153	63.0	48	51	62	161	63.7	13	36	21	70	62.7
60 / 64	46	18	35	99	58.4	46	40	47	133	58.4	33	47	46	127	58.6
55 / 59	37	4	17	58	54.0	33	28	35	95	53.0	37	45	45	128	53.6
50 / 54	19	1	7	27	49.4	31	15	29	74	48.2	37	41	47	126	48.7
45 / 49	9	0	2	11	44.8	32	7	19	58	44.0	39	26	36	101	43.7
40 / 44	2	0	0	2	40.6	19	3	8	30	39.5	33	14	25	72	39.1
35 / 39						11	0	2	13	35.3	29	7	15	51	34.4
30 / 34						2			2	31.0	17	2	4	22	30.0
25 / 29						0			0	28.0	5	1	2	8	25.0
20 / 24											1	0	1	2	19.8
15 / 19											1	0	0	1	16.3
10 / 14											0	0		0	10.5
5 / 9															

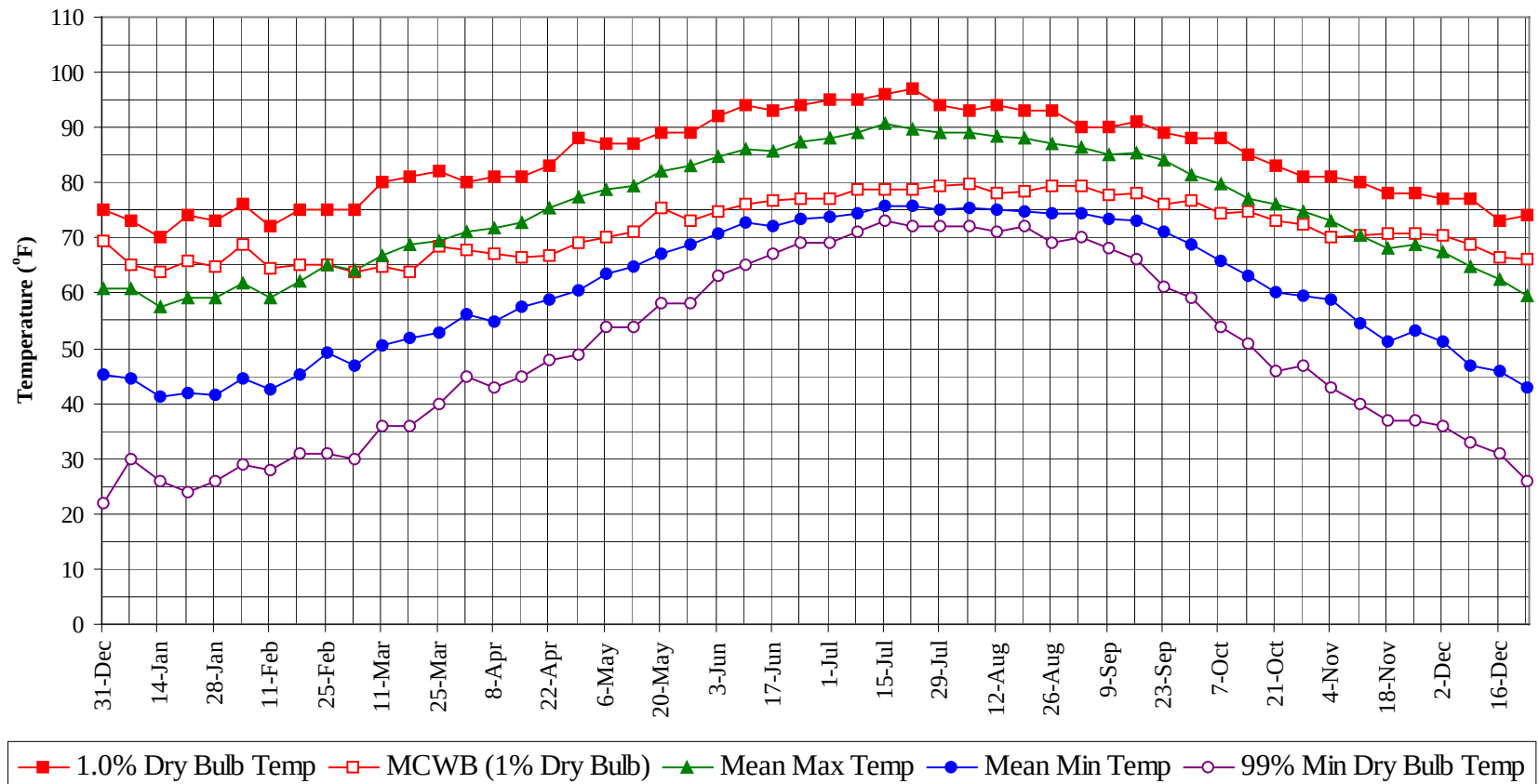
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BRUNSWICK/MALCOLM GA WMO No. 722137
Dry-Bulb Temperature Hours For An Average Year (Sheet 5 of 5)
Period of Record = 1973 to 1996

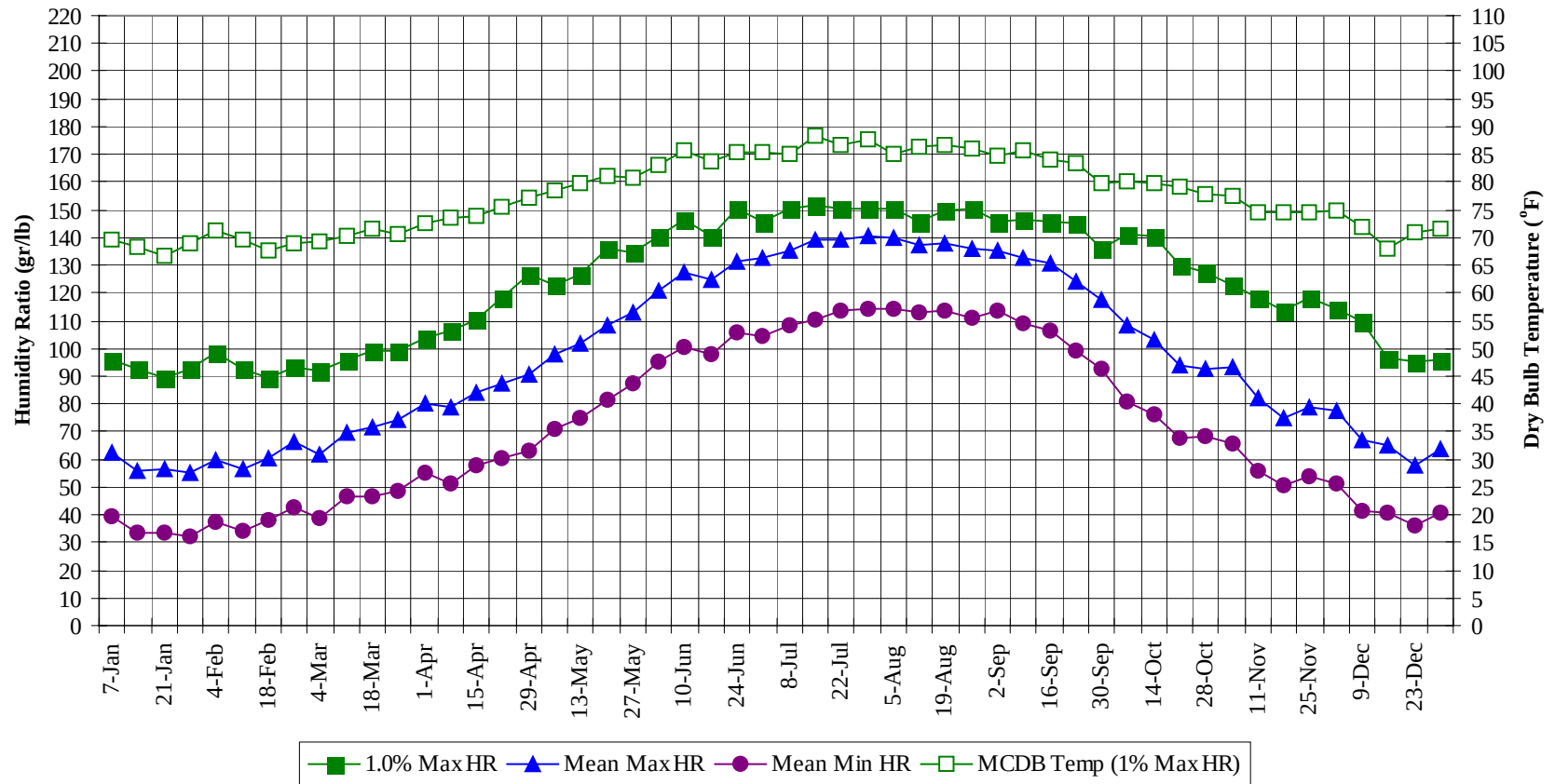
Annual Totals					
Temperature Range (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00		
100 / 104		1	0	1	79.4
95 / 99		17	2	19	78.5
90 / 94	0	108	14	122	78.2
85 / 89	3	408	103	514	77.1
80 / 84	159	481	430	1071	75.0
75 / 79	576	402	505	1483	72.2
70 / 74	439	353	388	1181	67.9
65 / 69	337	312	350	999	62.7
60 / 64	339	270	329	938	58.3
55 / 59	296	210	266	772	53.3
50 / 54	231	159	216	605	48.5
45 / 49	201	102	153	457	43.7
40 / 44	141	58	91	291	39.0
35 / 39	106	26	50	182	34.4
30 / 34	61	10	17	88	29.9
25 / 29	21	3	5	29	25.1
20 / 24	4	1	1	6	19.6
15 / 19	2	0	0	2	16.1
10 / 14	0	0		0	10.2
5 / 9	0	0		0	5.8

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Annual Summary of Temperatures



Long Term Humidity and Dry Bulb Temperature Summary

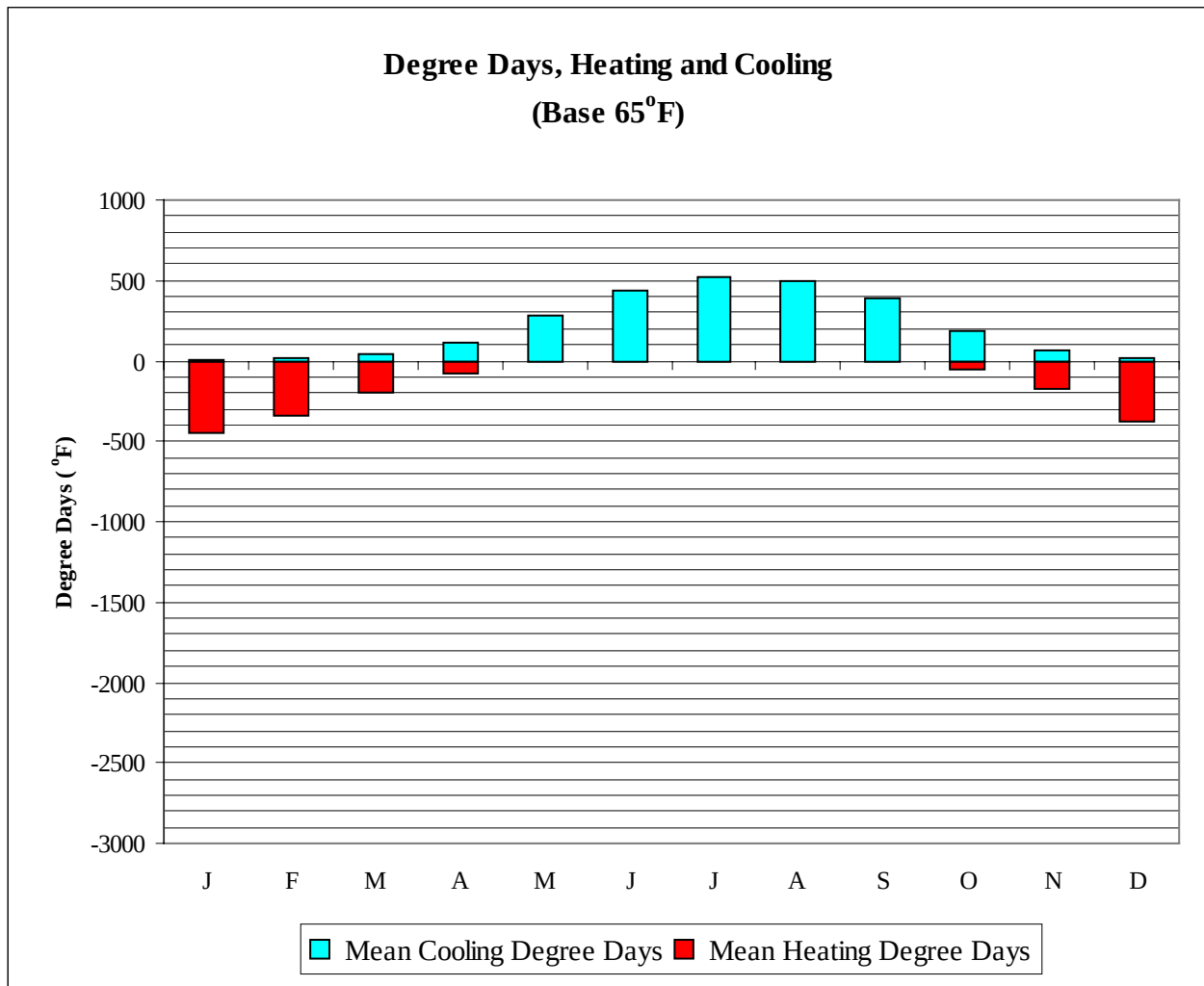


BRUNSWICK/MALCOLM GA

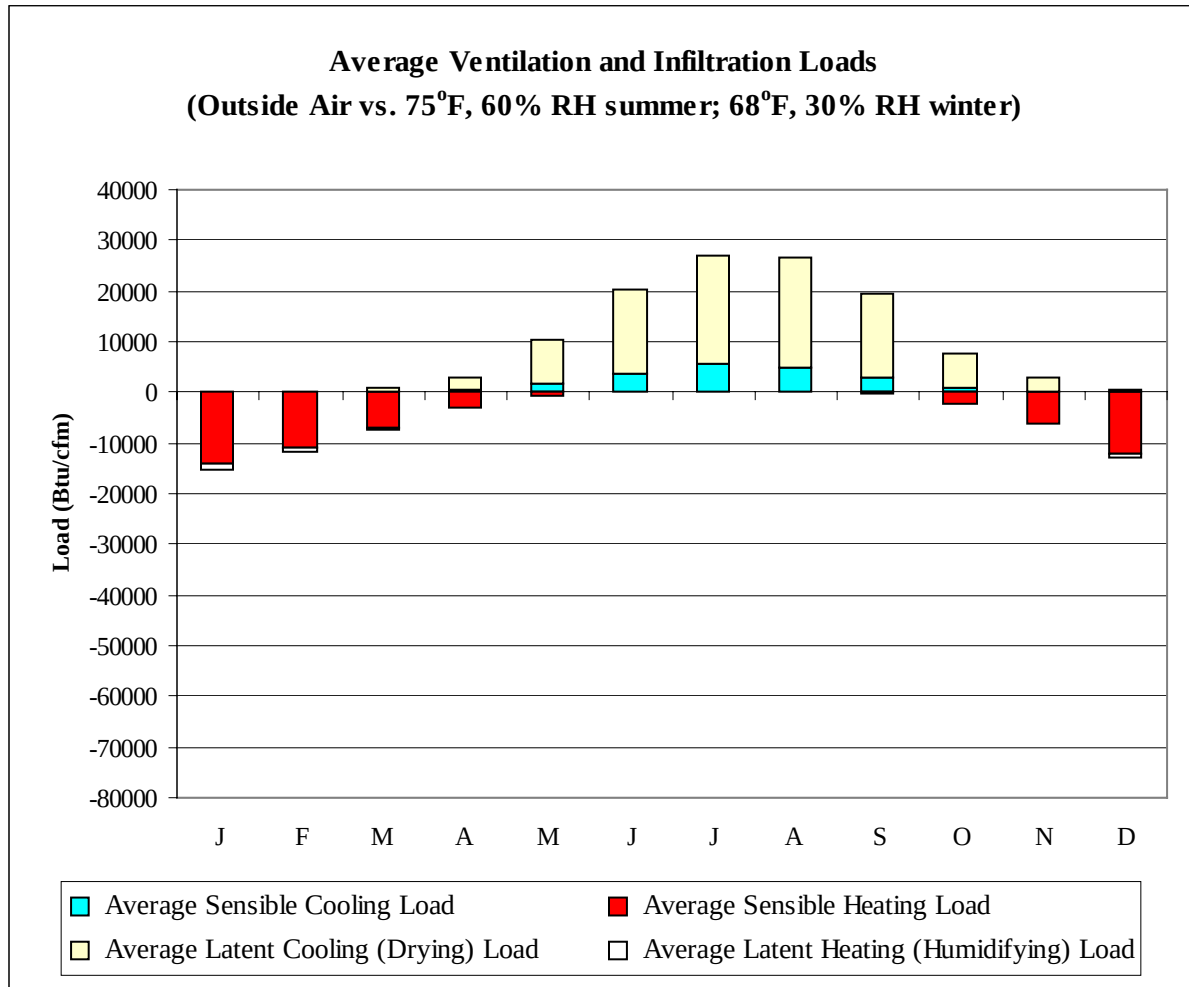
WMO No. 722137

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	73.0	65.1	60.8	44.7	30.0	95.9	69.7	62.5	39.6
14-Jan	70.0	63.9	57.4	41.2	26.0	92.4	68.3	55.6	33.4
21-Jan	74.0	65.8	59.2	42.0	24.0	89.6	66.6	56.4	33.6
28-Jan	73.0	64.9	59.1	41.5	26.0	92.4	69.1	55.3	32.3
4-Feb	76.0	68.8	61.7	44.4	29.0	98.7	71.2	59.7	37.5
11-Feb	72.0	64.4	59.2	42.5	28.0	92.4	69.5	56.5	34.0
18-Feb	75.0	65.1	62.2	45.1	31.0	89.6	67.6	60.5	38.0
25-Feb	75.0	65.0	65.2	49.1	31.0	93.1	69.0	66.1	42.7
4-Mar	75.0	64.0	64.3	47.0	30.0	91.7	69.2	61.8	38.8
11-Mar	80.0	64.8	66.7	50.5	36.0	95.9	70.3	69.3	46.6
18-Mar	81.0	63.9	68.7	52.0	36.0	99.4	71.6	71.4	46.6
25-Mar	82.0	68.5	69.6	52.9	40.0	99.4	70.7	74.2	48.4
1-Apr	80.0	67.7	71.2	56.2	45.0	103.6	72.4	80.1	55.1
8-Apr	81.0	67.3	71.9	55.0	43.0	106.4	73.7	78.8	51.2
15-Apr	81.0	66.4	72.9	57.7	45.0	110.6	73.7	84.2	58.0
22-Apr	83.0	66.7	75.6	58.9	48.0	118.3	75.5	87.5	60.4
29-Apr	88.0	69.2	77.4	60.5	49.0	126.7	77.1	90.5	63.3
6-May	87.0	70.1	78.7	63.5	54.0	122.5	78.4	97.9	70.8
13-May	87.0	71.0	79.6	64.8	54.0	126.7	79.7	102.1	74.7
20-May	89.0	75.3	82.0	67.0	58.0	135.8	81.1	108.1	81.5
27-May	89.0	73.2	83.0	68.9	58.0	134.4	80.8	112.9	87.1
3-Jun	92.0	74.9	84.7	70.9	63.0	140.7	82.9	120.7	95.5
10-Jun	94.0	76.1	86.2	72.7	65.0	146.3	85.7	127.4	100.3
17-Jun	93.0	76.8	85.8	72.2	67.0	140.7	83.8	124.9	98.0
24-Jun	94.0	77.1	87.2	73.4	69.0	150.5	85.4	131.1	105.7
1-Jul	95.0	77.0	88.0	73.9	69.0	145.6	85.4	132.6	104.7
8-Jul	95.0	78.7	89.2	74.5	71.0	150.5	84.9	135.1	108.0
15-Jul	96.0	78.8	90.6	75.6	73.0	151.9	88.4	139.3	110.4
22-Jul	97.0	78.6	89.6	75.7	72.0	150.5	86.5	139.1	113.5
29-Jul	94.0	79.4	89.2	75.3	72.0	150.5	87.6	140.7	114.0
5-Aug	93.0	79.7	89.0	75.5	72.0	150.5	85.0	140.1	114.4
12-Aug	94.0	78.1	88.5	75.1	71.0	145.6	86.5	137.1	113.3
19-Aug	93.0	78.4	87.9	74.7	72.0	149.8	86.7	137.6	113.8
26-Aug	93.0	79.4	87.1	74.3	69.0	150.5	86.0	135.9	111.2
2-Sep	90.0	79.3	86.3	74.6	70.0	145.6	84.6	135.0	113.3
9-Sep	90.0	77.7	85.1	73.3	68.0	146.3	85.6	132.9	108.9
16-Sep	91.0	78.1	85.3	73.1	66.0	145.6	84.1	130.4	106.5
23-Sep	89.0	76.1	83.9	71.1	61.0	144.9	83.4	124.4	99.2
30-Sep	88.0	76.9	81.4	68.7	59.0	135.8	79.8	117.9	92.4
7-Oct	88.0	74.4	79.7	65.7	54.0	141.4	80.2	108.1	81.0
14-Oct	85.0	74.8	77.3	63.3	51.0	140.7	79.8	103.2	76.2
21-Oct	83.0	73.0	76.0	60.2	46.0	130.2	79.1	93.7	67.8
28-Oct	81.0	72.3	74.8	59.5	47.0	127.4	77.9	92.9	68.2
4-Nov	81.0	70.1	73.2	58.8	43.0	122.5	77.4	93.1	65.4
11-Nov	80.0	70.4	70.6	54.6	40.0	118.3	74.6	82.0	55.9
18-Nov	78.0	70.7	68.2	51.3	37.0	113.4	74.5	75.1	50.5
25-Nov	78.0	70.9	68.8	53.1	37.0	118.3	74.6	79.1	53.5
2-Dec	77.0	70.5	67.4	51.3	36.0	114.1	74.9	77.4	50.9
9-Dec	77.0	68.6	64.9	46.9	33.0	109.9	72.0	66.7	41.4
16-Dec	73.0	66.5	62.3	45.9	31.0	96.6	68.0	65.1	40.7
23-Dec	74.0	66.1	59.6	42.8	26.0	95.2	70.8	58.0	36.1
31-Dec	75.0	69.4	60.9	45.3	22.0	95.9	71.6	63.9	40.7



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	8	454
FEB	13	340
MAR	46	197
APR	115	74
MAY	287	10
JUN	432	0
JUL	524	0
AUG	494	0
SEP	384	2
OCT	183	54
NOV	66	175
DEC	16	376
ANN	2569	1682



	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	9	-14070	307	-1132
FEB	12	-10824	274	-837
MAR	105	-6947	972	-339
APR	338	-3026	2705	-60
MAY	1548	-530	8743	0
JUN	3842	-28	16420	0
JUL	5643	0	21452	0
AUG	4948	-2	21514	0
SEP	3007	-140	16425	0
OCT	757	-2206	6865	-5
NOV	88	-6068	2788	-194
DEC	14	-11921	669	-833
ANN	20311	-55762	99134	-3400

Average Annual Solar Radiation – Nearest Available Site

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

City: JACKSONVILLE
 State: FL
 WBAN No: 13889
 Lat(N): 30.5
 Long(W): 81.7
 Elev(ft): 30

Stn Type: Secondary
 SHADING GEOMETRY IN DIMENSIONLESS UNITS
 Window: 1
 Overhang: 0.897
 Vert Gap: 0.651

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	920	1160	1500	1860	1940	1900	1850	1710	1470	1250	1010	850	1450
	Std Dev	68	90	99	115	131	123	99	97	129	97	83	73	37
	Minimum	820	1020	1280	1630	1570	1670	1550	1480	1140	1060	790	690	1380
	Maximum	1100	1350	1640	2180	2250	2170	2030	1870	1710	1420	1190	1000	1530
	Diffuse	380	460	580	670	790	870	870	810	710	550	410	360	620
Clear Day	Global	1280	1600	1990	2340	2510	2550	2490	2320	2020	1650	1310	1160	1930
NORTH	Global	250	310	380	450	560	610	580	490	410	340	270	240	410
	Diffuse	250	310	380	440	490	520	510	470	410	340	270	240	390
Clear Day	Global	240	290	360	440	590	690	630	490	390	320	260	230	410
EAST	Global	570	700	870	1040	1050	1030	1030	980	860	760	620	530	840
	Diffuse	310	370	460	550	600	620	620	590	520	430	340	290	470
Clear Day	Global	850	1020	1190	1320	1350	1340	1300	1250	1150	1010	850	780	1120
SOUTH	Global	1200	1190	1110	910	670	580	610	740	920	1130	1230	1170	950
	Diffuse	410	450	510	530	520	520	520	540	540	510	440	390	490
Clear Day	Global	1990	1890	1570	1090	750	620	680	930	1340	1710	1890	1940	1360
WEST	Global	580	710	870	1030	1030	950	910	870	810	740	630	540	810
	Diffuse	310	370	470	550	600	610	600	570	510	430	340	290	470
Clear Day	Global	850	1020	1190	1320	1350	1340	1300	1250	1150	1010	850	780	1120

Average Annual Solar Heat and Illumination – Nearest Available Site

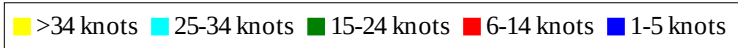
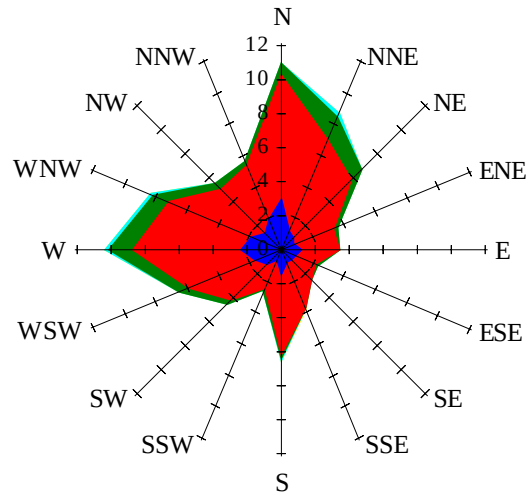
(Source: National Renewable Energy Laboratory, Golden CO, 1995)

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	630	820	1080	1360	1420	1380	1350	1240	1060	890	700	570	1040
NORTH	Unshaded	180	210	260	310	360	390	370	330	280	240	190	170	270
	Shaded	150	190	230	280	310	330	320	290	250	210	170	140	240
EAST	Unshaded	400	490	610	740	750	730	730	700	610	540	430	370	590
	Shaded	340	420	520	610	610	600	600	580	500	450	370	320	490
SOUTH	Unshaded	890	850	730	550	400	370	380	450	590	780	900	870	650
	Shaded	840	690	410	320	320	320	320	320	330	560	820	840	510
WEST	Unshaded	410	500	620	740	730	670	640	610	570	520	440	370	570
	Shaded	350	430	520	610	600	540	520	500	470	440	370	320	470

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	36	77	92	79	40	34	77	100	99	74
	M.Cloudy	21	49	60	52	26	24	55	76	74	48
NORTH	M.Clear	9	15	16	15	10	23	18	18	18	18
	M.Cloudy	9	16	18	16	10	15	18	19	19	17
EAST	M.Clear	75	67	19	15	10	62	76	42	18	17
	M.Cloudy	27	38	19	16	10	32	50	34	19	16
SOUTH	M.Clear	30	61	73	62	33	11	17	30	29	17
	M.Cloudy	14	35	44	38	18	10	17	27	26	16
WEST	M.Clear	9	15	16	62	76	11	17	18	44	75
	M.Cloudy	9	16	18	38	35	10	17	19	35	43
M.Clear	(% hrs)	41	42	39	39	38	43	35	29	25	30
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	20	65	90	86	58	18	52	63	48	13
	M.Cloudy	14	45	64	61	38	10	31	38	29	8
NORTH	M.Clear	8	16	18	18	15	6	11	13	11	5
	M.Cloudy	6	15	19	18	14	5	12	14	11	4
EAST	M.Clear	47	73	40	18	15	48	51	13	11	5
	M.Cloudy	20	43	31	18	14	14	24	14	11	4
SOUTH	M.Clear	12	43	62	59	38	37	80	91	75	29
	M.Cloudy	7	29	44	41	24	12	33	41	32	10
WEST	M.Clear	8	16	18	46	72	6	11	16	53	39
	M.Cloudy	6	15	19	33	38	5	12	15	25	12
M.Clear	(% hrs)	42	29	24	24	29	37	37	36	37	40

Wind Summary - December, January, and February

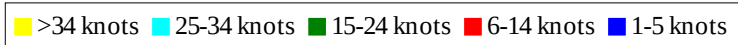
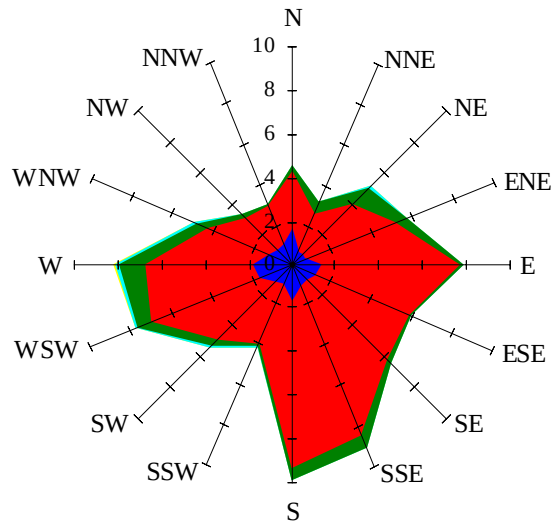
Labels of Percent Frequency on North Axis



Percent Calm = 9.36

Wind Summary - March, April, and May

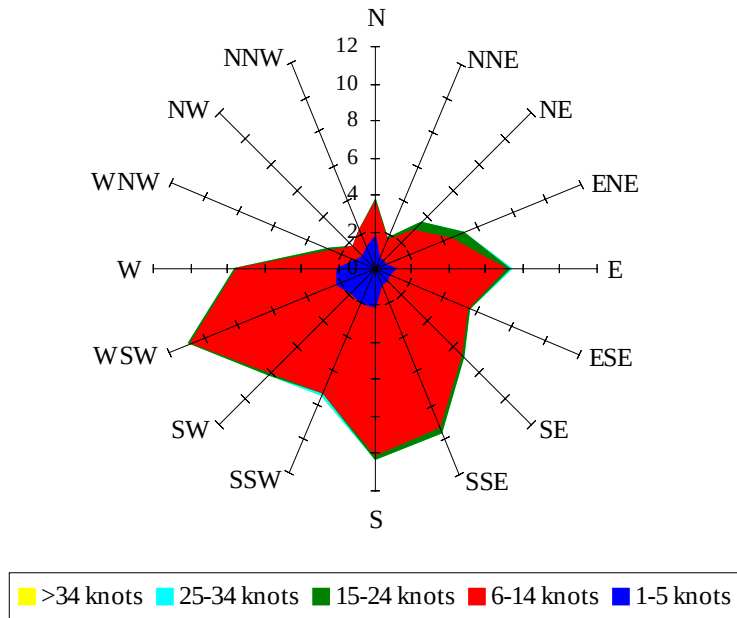
Labels of Percent Frequency on North Axis



Percent Calm = 6.46

Wind Summary - June, July, and August

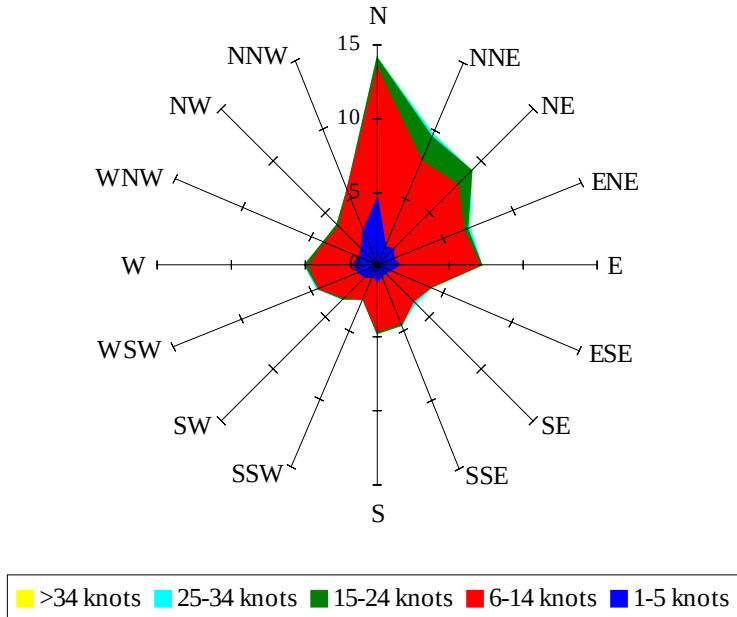
Labels of Percent Frequency on North Axis



Percent Calm = 6.08

Wind Summary - September, October, and November

Labels of Percent Frequency on North Axis



Percent Calm = 8.17