SAVANNAH GA	
Latitude = 32.13 N	WMO No. 722070
Longitude = 81.20 W	Elevation = 49 feet
Period of Record = 1973 to 1996	Average Pressure = 29.99 inches Hg

Design Criteria Data

		Mean Coincident (Average) Values			
Dry Bulb Temperature (T)	**Design Value (^oF)**	Wet Bulb Temperature (^oF)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Median of Extreme Highs	99	77	107	9.0	W
0.4% Occurrence	96	77	110	8.9	W
1.0% Occurrence	93	77	112	8.8	W
2.0% Occurrence	91	76	111	8.7	W
Mean Daily Range	19	-	-	-	-
97.5% Occurrence	34	31	19	6.5	WNW
99.0% Occurrence	30	27	15	5.9	WNW
99.6% Occurrence	26	23	12	6.6	WNW
Median of Extreme Lows	20	17	8	8.1	WNW
		Mean Coincident (Average) Values			
Wet Bulb Temperature (T_{wb})	**Design Value (^oF)**	Dry Bulb Temperature (^oF)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Median of Extreme Highs	82	92	143	8.7	S
0.4% Occurrence	80	90	134	8.6	S
1.0% Occurrence	79	88	130	8.4	S
2.0% Occurrence	78	87	127	8.1	S
		Mean Coincident (Average) Values			
Humidity Ratio (HR)	**Design Value (gr/lb)**	Dry Bulb Temperature (^oF)	Vapor Pressure (in. Hg)	Wind Speed (mph)	Prevailing Direction (NSEW)
Median of Extreme Highs	151	85	1.00	7.8	S
0.4% Occurrence	141	84	0.94	7.3	S
1.0% Occurrence	136	83	0.90	7.1	S
2.0% Occurrence	132	82	0.88	6.9	S
Air Conditioning/		$T \geq 93^oF$	$T \geq 80^oF$	$T_{wb} \geq 73^oF$	$T_{wb} \geq 67^oF$
Humid Area Criteria	# of Hours	120	1587	1902	3539

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^oF-RH 60% Latent + Sensible
11	4.3	110	6.6 + 1.7
Ground Water Temperature (^oF) 50 Foot Depth *	Frost Depth 50 Year Recurrence (in.)	Ground Snow Load 50 Year Recurrence (lb/ft^2)	Average Annual Freeze-Thaw Cycles (#)
68.5	0	0	17

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

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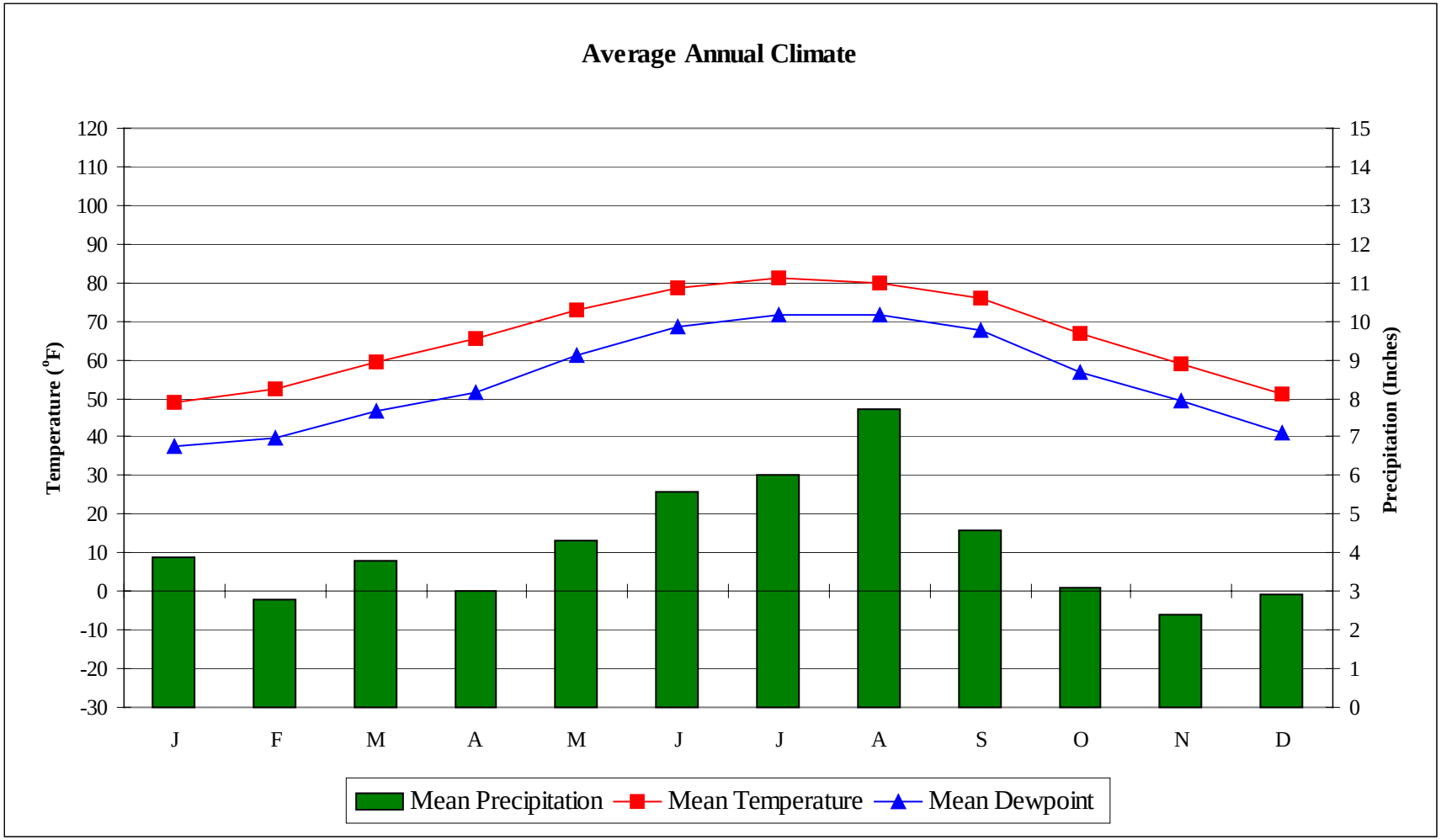

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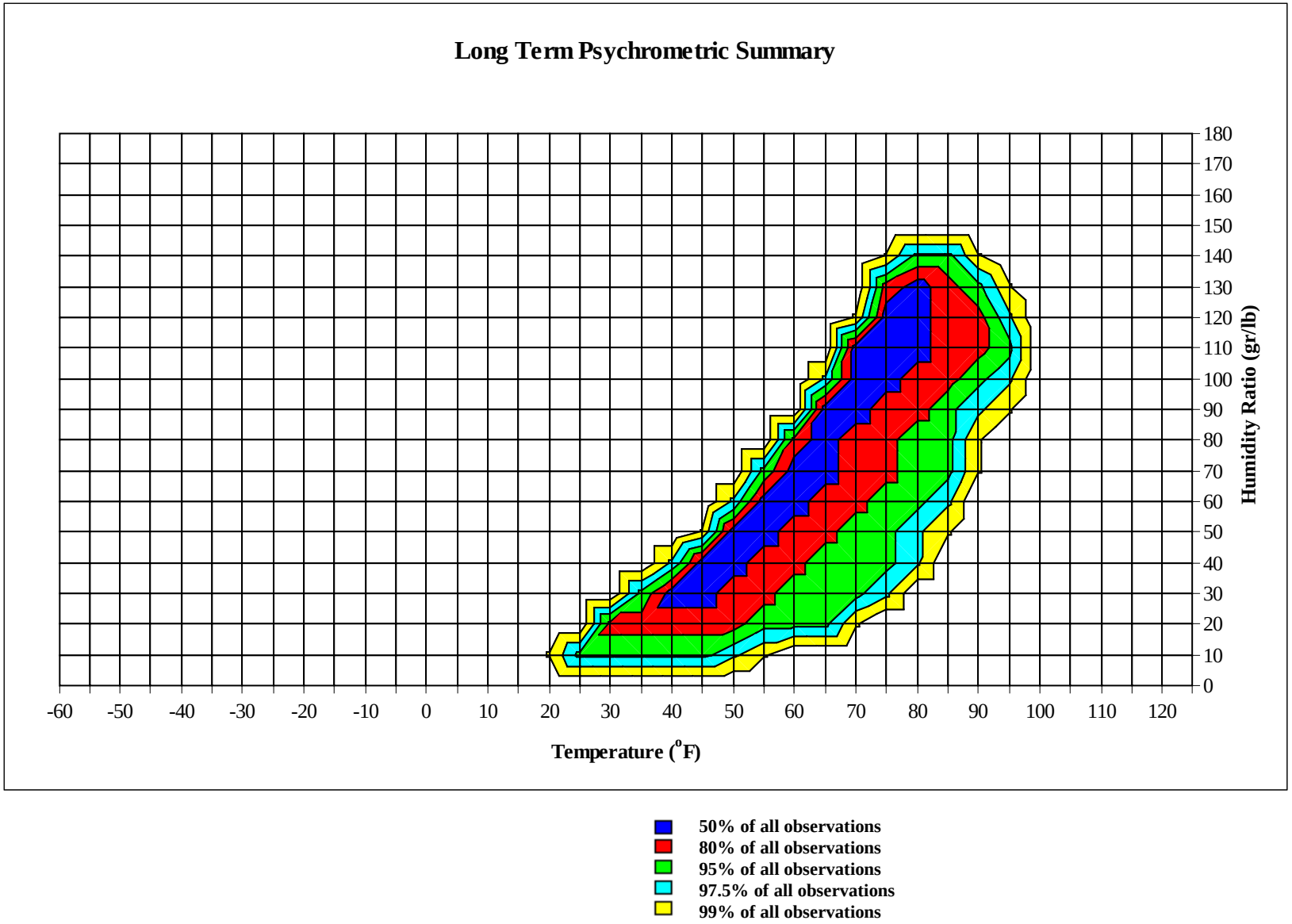

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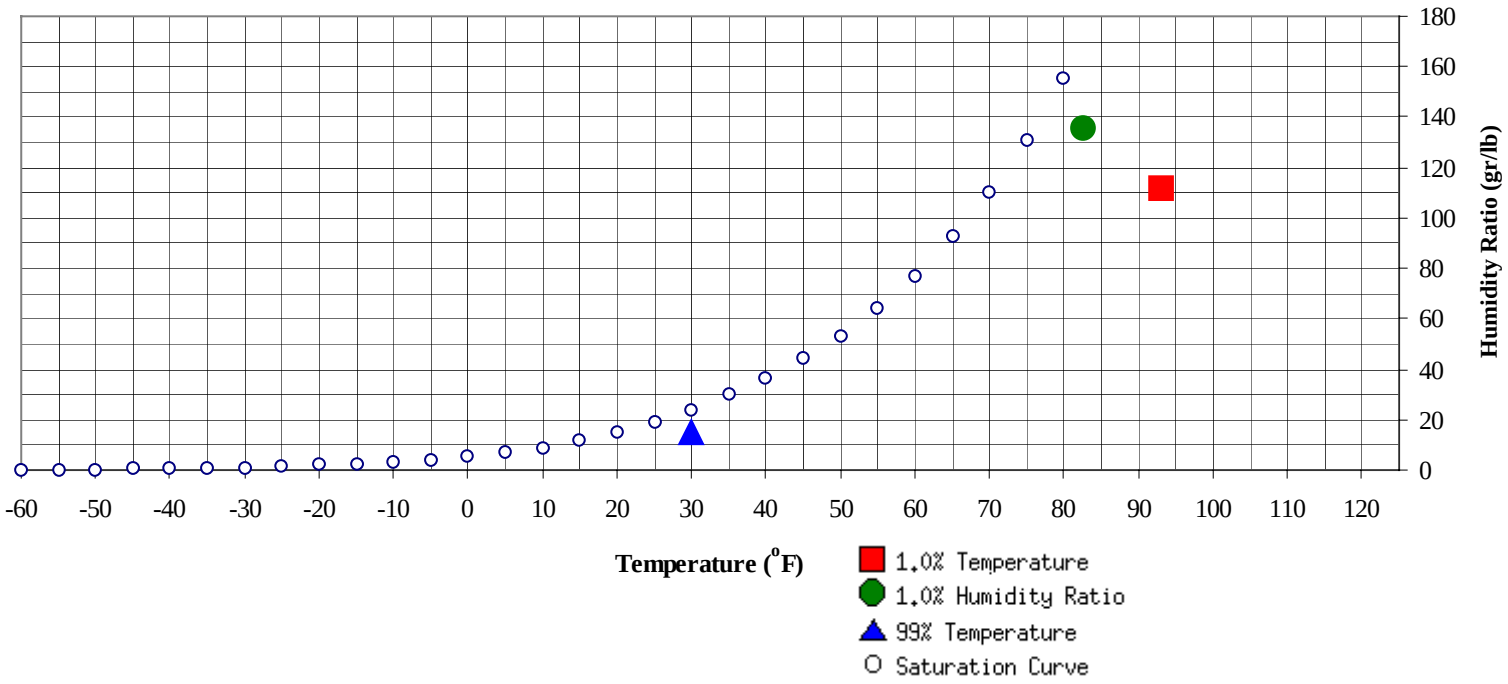
Psychrometric Summary of Peak Design Values



	(°F)	MCHR (gr/lb)	Enthalpy (btu/lb)
99% Dry Bulb	30	15.4	9.6

	(gr/lb)	MCDB (°F)	MCWB (°F)	MC Dewpt (°F)	Enthalpy (btu/lb)
1.0% Humidity Ratio	135.8	82.6	77.8	75.9	41.1

	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
1.0% Dry Bulb	93	111.7	76.7	39.9

SAVANNAH GA WMO No. 722070

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

Period of Record = 1973 to 1996

Temperature Range (°F)	January Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)	February Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)	March Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)
100 / 104															
95 / 99															
90 / 94												0	0	0	65.5
85 / 89							0		0	67.5		2	1	3	67.2
80 / 84		1	0	1	66.0		3	1	4	65.6		15	3	18	65.4
75 / 79		6	1	7	64.9		11	3	14	64.0	0	29	10	39	63.2
70 / 74	0	13	4	17	62.9	0	26	9	35	60.5	4	45	25	74	61.4
65 / 69	6	24	16	46	60.4	9	29	24	62	59.3	21	45	48	114	59.5
60 / 64	19	32	26	77	56.8	22	32	36	90	55.9	47	43	54	144	56.5
55 / 59	20	36	36	92	51.7	25	33	35	93	51.1	47	30	46	123	51.7
50 / 54	31	42	45	119	47.0	31	31	39	101	46.4	42	17	30	89	47.1
45 / 49	38	37	44	119	42.5	37	24	32	93	42.0	35	13	20	68	42.6
40 / 44	39	26	33	98	37.6	35	19	23	77	37.6	29	5	8	42	38.2
35 / 39	36	17	25	78	33.0	28	10	15	53	33.0	15	2	3	20	33.7
30 / 34	32	8	12	52	28.7	22	3	6	31	28.6	5	1	1	7	29.3
25 / 29	19	3	4	26	23.8	12	2	2	16	24.8	2	0	0	2	24.1
20 / 24	6	1	1	8	19.3	3	0		3	20.3	0	0		0	21.0
15 / 19	2	0	0	2	14.2	0			0	17.3					
10 / 14	0	0	0	0	9.5										
5 / 9	0	0		0	4.7										
0 / 4	0			0	1.5										

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.

SAVANNAH GA WMO No. 722070

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

Period of Record = 1973 to 1996

Temperature Range (°F)	April Hour Group (LST) 01 To 08	April 09 To 16	April 17 To 00	April Total Obs	April MCWB (°F)	May Hour Group (LST) 01 To 08	May 09 To 16	May 17 To 00	May Total Obs	May MCWB (°F)	June Hour Group (LST) 01 To 08	June 09 To 16	June 17 To 00	June Total Obs	June MCWB (°F)
100 / 104												1	0	1	76.4
95 / 99							1	0	1	73.8		11	2	13	76.3
90 / 94		2	0	2	67.4		11	2	13	72.2		40	10	50	75.2
85 / 89		14	3	17	67.0		44	10	54	70.8	0	75	25	100	74.2
80 / 84		35	8	43	65.6	1	76	30	107	69.2	8	70	57	135	73.1
75 / 79	0	52	23	75	63.8	13	66	60	138	68.0	69	30	86	185	72.2
70 / 74	13	52	49	114	62.3	70	36	83	189	66.7	114	11	51	176	69.8
65 / 69	43	45	63	151	60.2	84	10	43	137	63.5	39	2	8	49	65.0
60 / 64	57	24	47	128	56.8	44	3	15	62	58.3	8	1	1	10	59.8
55 / 59	50	11	28	89	52.2	24	1	4	29	53.7	1		0	1	55.6
50 / 54	41	4	13	58	48.0	12	0	1	13	49.5	0			0	50.3
45 / 49	23	1	5	29	43.6	1			1	46.6					
40 / 44	10	0	1	11	38.7	0			0	41.5					
35 / 39	3		0	3	34.9										
30 / 34	0			0	30.0										
25 / 29															
20 / 24															
15 / 19															
10 / 14															
5 / 9															
0 / 4															

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.

SAVANNAH GA WMO No. 722070

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

Period of Record = 1973 to 1996

Temperature Range (°F)	July Hour Group (LST) 01 To 08	July 09 To 16	July 17 To 00	July Total Obs	July MCWB (°F)	August Hour Group (LST) 01 To 08	August 09 To 16	August 17 To 00	August Total Obs	August MCWB (°F)	September Hour Group (LST) 01 To 08	September 09 To 16	September 17 To 00	September Total Obs	September MCWB (°F)
100 / 104		2	1	3	78.2		0		0	83.0					
95 / 99		21	4	25	77.7		10	1	11	78.0		1	0	1	76.5
90 / 94		69	18	87	77.2		50	9	59	77.2		21	2	23	76.0
85 / 89	1	79	39	119	76.3	0	87	31	118	76.1		63	12	75	74.9
80 / 84	24	52	80	156	75.4	12	65	77	154	75.4	1	76	45	122	73.5
75 / 79	128	20	78	227	73.8	121	27	96	244	73.9	46	46	92	184	72.3
70 / 74	89	4	27	119	71.1	102	7	32	141	71.0	119	23	60	202	69.6
65 / 69	6	0	1	7	66.1	13	1	2	16	65.9	44	8	19	71	64.2
60 / 64	0			0	63.5	1	0	0	1	61.5	19	2	8	29	59.0
55 / 59						0	0	0	0	57.7	9	0	2	11	54.8
50 / 54											2		0	2	49.8
45 / 49															
40 / 44															
35 / 39															
30 / 34															
25 / 29															
20 / 24															
15 / 19															
10 / 14															
5 / 9															
0 / 4															

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.

SAVANNAH GA WMO No. 722070

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)				MCWB	Hour Group (LST)				MCWB	Hour Group (LST)				MCWB
	01 To 08	09 To 16	17 To 00	Total Obs	(°F)	01 To 08	09 To 16	17 To 00	Total Obs	(°F)	01 To 08	09 To 16	17 To 00	Total Obs	(°F)
100 / 104															
95 / 99		0		0	76.0										
90 / 94		1	0	1	76.0										
85 / 89		12	1	13	72.6		0		0	73.4					
80 / 84	1	45	8	54	70.0		10	0	10	69.6		1		1	69.4
75 / 79	5	57	33	95	68.1	0	37	6	43	66.9		11	1	12	66.7
70 / 74	33	57	61	151	65.8	11	45	31	87	65.2	2	23	9	34	64.1
65 / 69	51	37	57	145	62.2	28	41	45	114	62.0	11	27	20	58	61.2
60 / 64	50	22	42	114	57.7	40	38	46	124	57.2	18	37	34	89	56.7
55 / 59	44	11	26	81	53.3	34	31	37	102	51.9	28	39	39	106	52.1
50 / 54	32	3	15	50	48.6	34	19	31	84	47.4	34	41	43	118	47.2
45 / 49	22	1	4	27	44.2	32	10	23	65	43.1	38	31	42	111	42.7
40 / 44	9	0	1	10	40.0	29	6	14	49	38.7	38	20	30	88	37.8
35 / 39	1		0	1	36.1	24	1	6	31	34.5	32	11	17	60	33.6
30 / 34	0			0	29.9	9	0	1	10	30.3	29	5	9	43	29.0
25 / 29						1			1	26.3	13	1	2	16	24.6
20 / 24											3	0	1	4	19.3
15 / 19											1	0	1	2	15.7
10 / 14											0	0		0	9.0
5 / 9															
0 / 4															

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.

SAVANNAH GA WMO No. 722070

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) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)
100 / 104		3	1	4	77.8
95 / 99		45	7	52	77.3
90 / 94		194	41	235	76.3
85 / 89	1	376	121	498	74.6
80 / 84	47	446	309	802	72.7
75 / 79	383	391	487	1261	70.9
70 / 74	555	341	440	1336	67.3
65 / 69	352	268	343	963	61.8
60 / 64	323	236	311	870	57.1
55 / 59	281	195	253	730	52.1
50 / 54	259	160	218	638	47.3
45 / 49	226	119	171	517	42.7
40 / 44	189	77	110	377	38.0
35 / 39	141	41	66	248	33.4
30 / 34	99	17	30	146	28.9
25 / 29	47	7	9	63	24.3
20 / 24	12	2	2	16	19.5
15 / 19	3	1	1	5	15.0
10 / 14	1	0	0	1	9.3
5 / 9	0	0		0	4.7
0 / 4	0			0	1.5

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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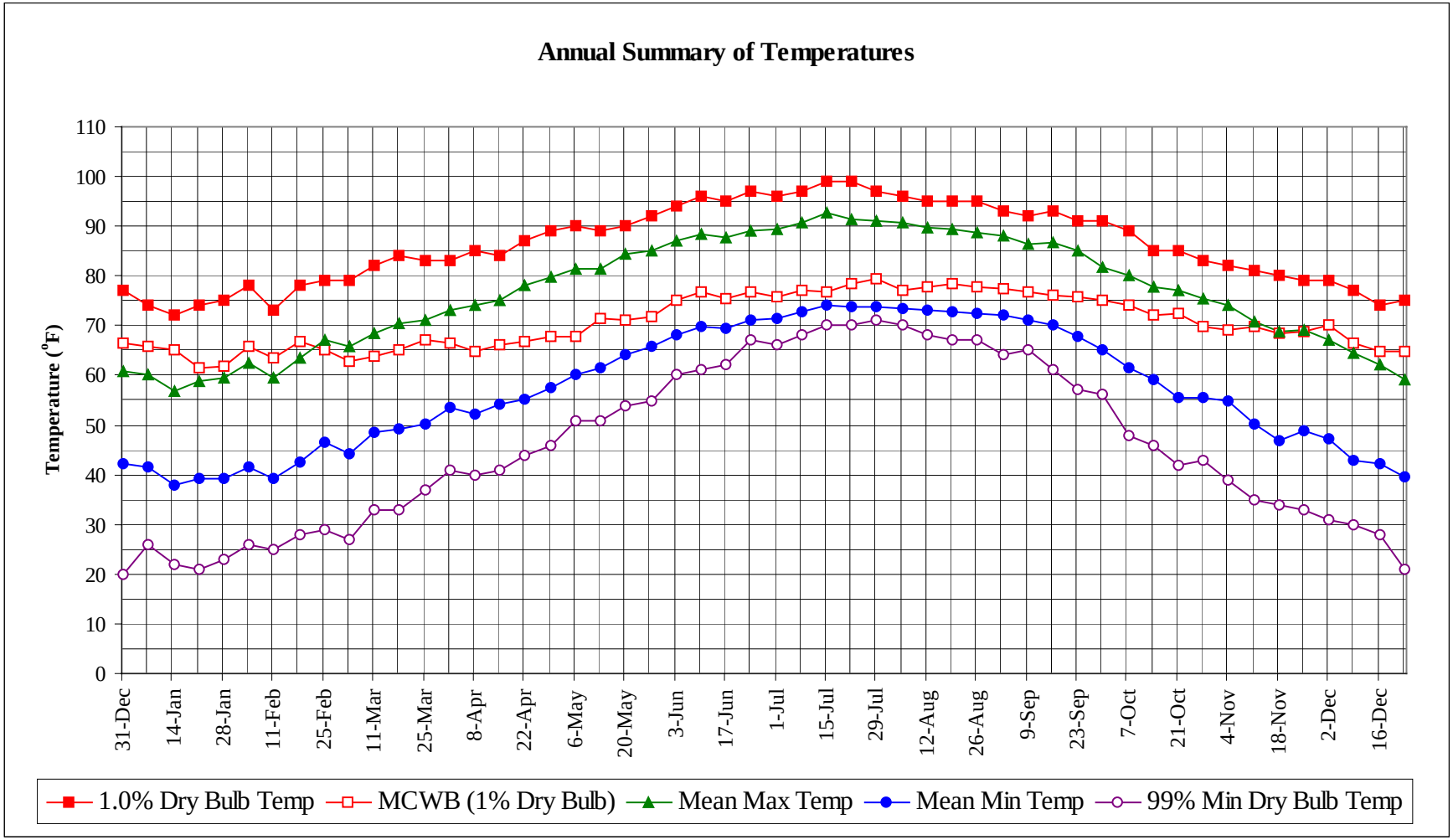

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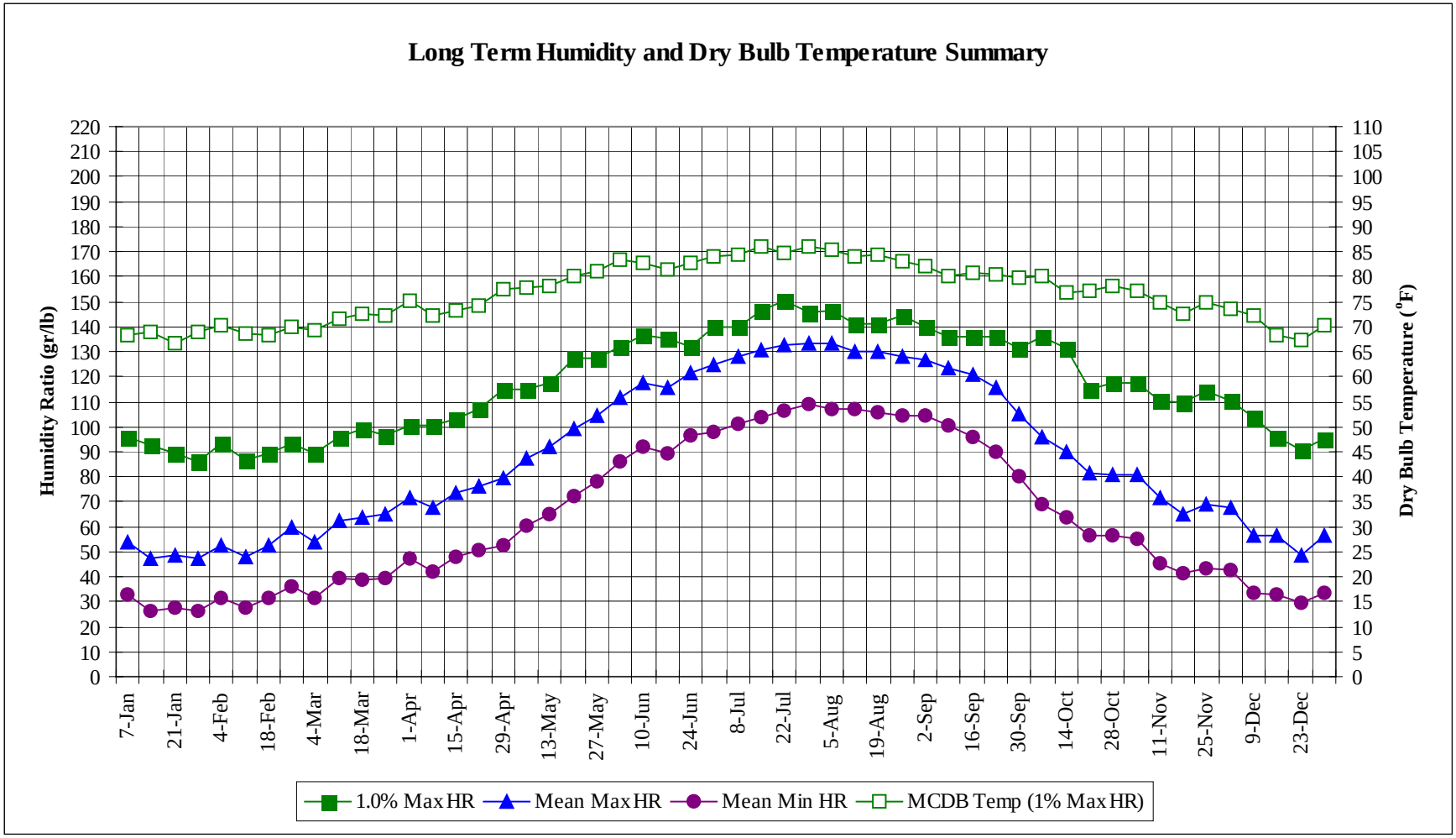

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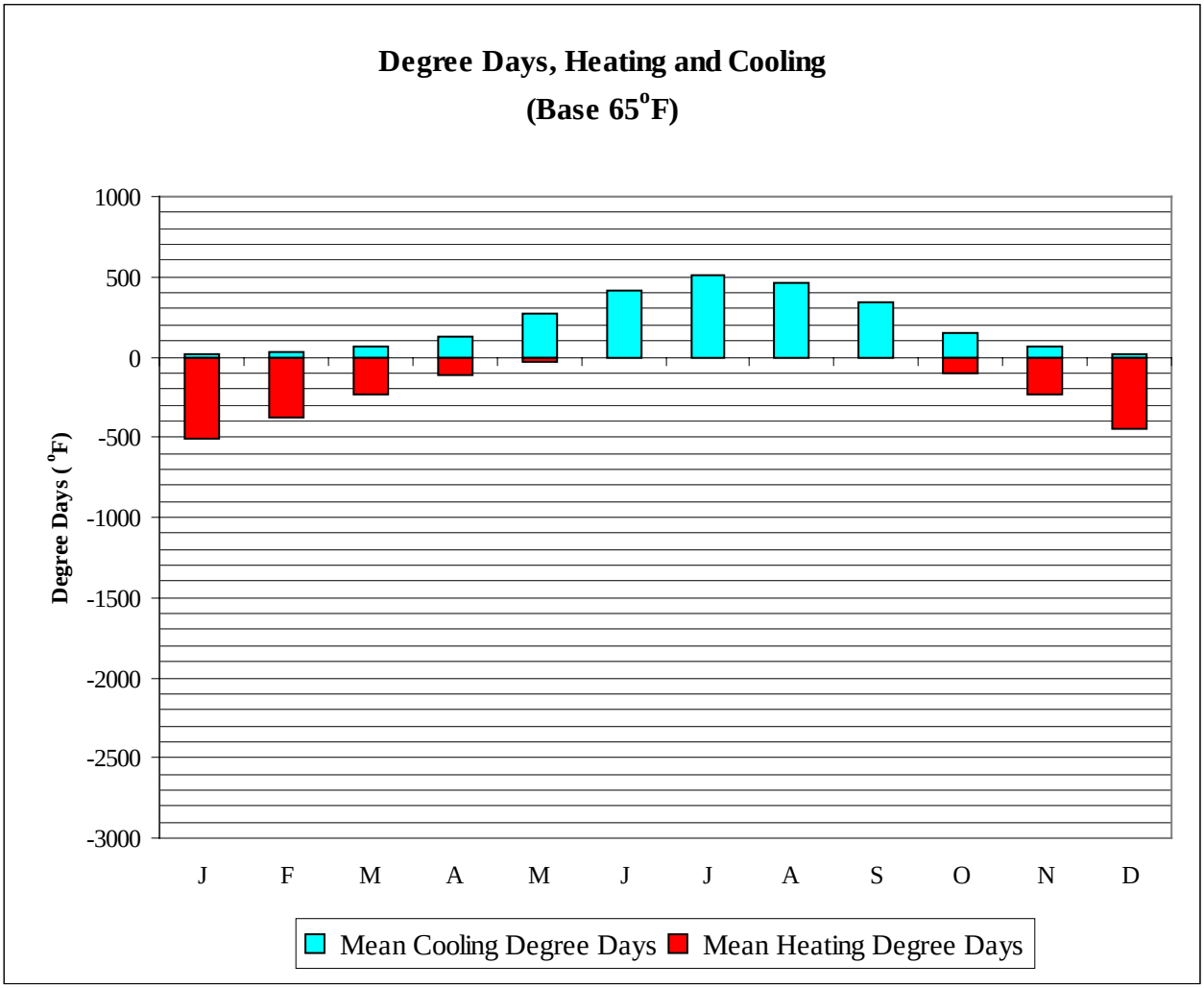
Long Term Dry Bulb Temperature and Humidity Summary

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	74.0	65.7	60.3	41.4	26.0	95.9	68.2	53.8	32.6
14-Jan	72.0	65.2	56.8	37.9	22.0	92.4	69.0	47.4	26.2
21-Jan	74.0	61.3	59.0	39.1	21.0	89.6	66.8	48.3	27.7
28-Jan	75.0	61.8	59.4	39.2	23.0	86.1	69.1	47.1	26.5
4-Feb	78.0	65.9	62.5	41.4	26.0	93.1	70.1	52.6	31.2
11-Feb	73.0	63.5	59.4	39.4	25.0	86.8	68.7	48.0	27.8
18-Feb	78.0	66.9	63.5	42.7	28.0	89.6	68.3	52.5	31.3
25-Feb	79.0	65.3	67.0	46.7	29.0	93.1	69.9	59.7	35.9
4-Mar	79.0	62.9	65.7	44.2	27.0	89.6	69.2	53.7	31.7
11-Mar	82.0	63.8	68.5	48.5	33.0	95.9	71.6	62.2	39.4
18-Mar	84.0	65.3	70.6	49.2	33.0	99.4	72.5	64.0	38.9
25-Mar	83.0	67.1	71.2	50.1	37.0	96.6	72.3	64.9	39.2
1-Apr	83.0	66.3	73.2	53.5	41.0	100.8	75.3	71.7	47.0
8-Apr	85.0	64.7	74.1	52.1	40.0	100.8	72.1	67.6	42.1
15-Apr	84.0	66.0	75.2	54.3	41.0	102.9	73.3	73.7	48.1
22-Apr	87.0	66.9	78.0	55.3	44.0	107.1	74.1	76.0	50.6
29-Apr	89.0	67.7	79.7	57.5	46.0	114.8	77.4	79.2	52.4
6-May	90.0	67.7	81.3	60.1	51.0	114.8	77.8	87.5	60.4
13-May	89.0	71.4	81.6	61.4	51.0	117.6	78.1	92.1	65.2
20-May	90.0	71.3	84.3	64.1	54.0	127.4	80.1	99.0	72.0
27-May	92.0	71.8	85.0	65.9	55.0	127.4	81.3	104.6	78.5
3-Jun	94.0	74.9	87.2	68.1	60.0	132.3	83.5	111.4	85.8
10-Jun	96.0	76.9	88.3	69.9	61.0	136.5	82.7	117.5	91.6
17-Jun	95.0	75.6	87.7	69.4	62.0	135.1	81.5	115.8	89.2
24-Jun	97.0	76.8	89.1	71.1	67.0	132.3	82.7	121.7	96.6
1-Jul	96.0	75.7	89.5	71.6	66.0	140.0	84.0	124.8	97.6
8-Jul	97.0	77.2	90.6	72.7	68.0	140.0	84.5	128.0	101.5
15-Jul	99.0	76.8	92.7	74.1	70.0	146.3	86.0	130.8	103.5
22-Jul	99.0	78.3	91.5	73.7	70.0	150.5	84.8	132.6	106.4
29-Jul	97.0	79.4	91.2	73.9	71.0	145.6	85.9	133.3	108.9
5-Aug	96.0	77.2	90.7	73.5	70.0	146.3	85.3	133.4	107.2
12-Aug	95.0	77.8	89.8	73.0	68.0	141.4	84.0	130.1	107.0
19-Aug	95.0	78.3	89.3	72.7	67.0	141.4	84.2	129.8	105.8
26-Aug	95.0	77.7	88.7	72.6	67.0	144.2	83.0	128.0	104.4
2-Sep	93.0	77.6	88.1	72.2	64.0	140.0	82.2	127.1	104.2
9-Sep	92.0	76.7	86.4	71.0	65.0	135.8	80.0	123.1	100.6
16-Sep	93.0	76.2	86.6	70.2	61.0	135.8	80.9	120.6	96.2
23-Sep	91.0	75.9	85.2	67.8	57.0	135.8	80.5	115.6	89.7
30-Sep	91.0	75.1	81.7	65.1	56.0	131.6	79.9	105.3	80.2
7-Oct	89.0	74.0	80.2	61.5	48.0	135.8	80.2	95.6	68.9
14-Oct	85.0	72.3	77.6	59.2	46.0	131.6	77.0	90.1	63.9
21-Oct	85.0	72.5	77.0	55.6	42.0	114.8	77.2	81.5	56.2
28-Oct	83.0	69.9	75.5	55.5	43.0	117.6	78.1	80.5	56.4
4-Nov	82.0	69.1	74.1	54.9	39.0	117.6	77.1	81.0	55.0
11-Nov	81.0	69.7	70.8	50.1	35.0	110.6	74.8	71.7	45.5
18-Nov	80.0	68.4	68.9	47.0	34.0	109.9	72.4	65.2	41.1
25-Nov	79.0	68.9	69.1	49.0	33.0	114.1	74.9	69.3	43.2
2-Dec	79.0	70.2	67.1	47.3	31.0	110.6	73.4	67.8	42.4
9-Dec	77.0	66.6	64.4	42.9	30.0	103.6	72.3	56.7	33.2
16-Dec	74.0	64.9	62.2	42.1	28.0	95.9	68.3	56.6	32.6
23-Dec	75.0	64.7	59.1	39.4	21.0	90.3	67.3	48.5	29.3
31-Dec	77.0	66.6	61.0	42.3	20.0	95.2	70.1	56.2	33.2

SAVANNAH GA WMO No. 722070



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	12	513
FEB	24	379
MAR	63	234
APR	128	112
MAY	274	24
JUN	408	2
JUL	505	0
AUG	463	0
SEP	338	8
OCT	153	98
NOV	62	239
DEC	20	446
ANN	2448	2055

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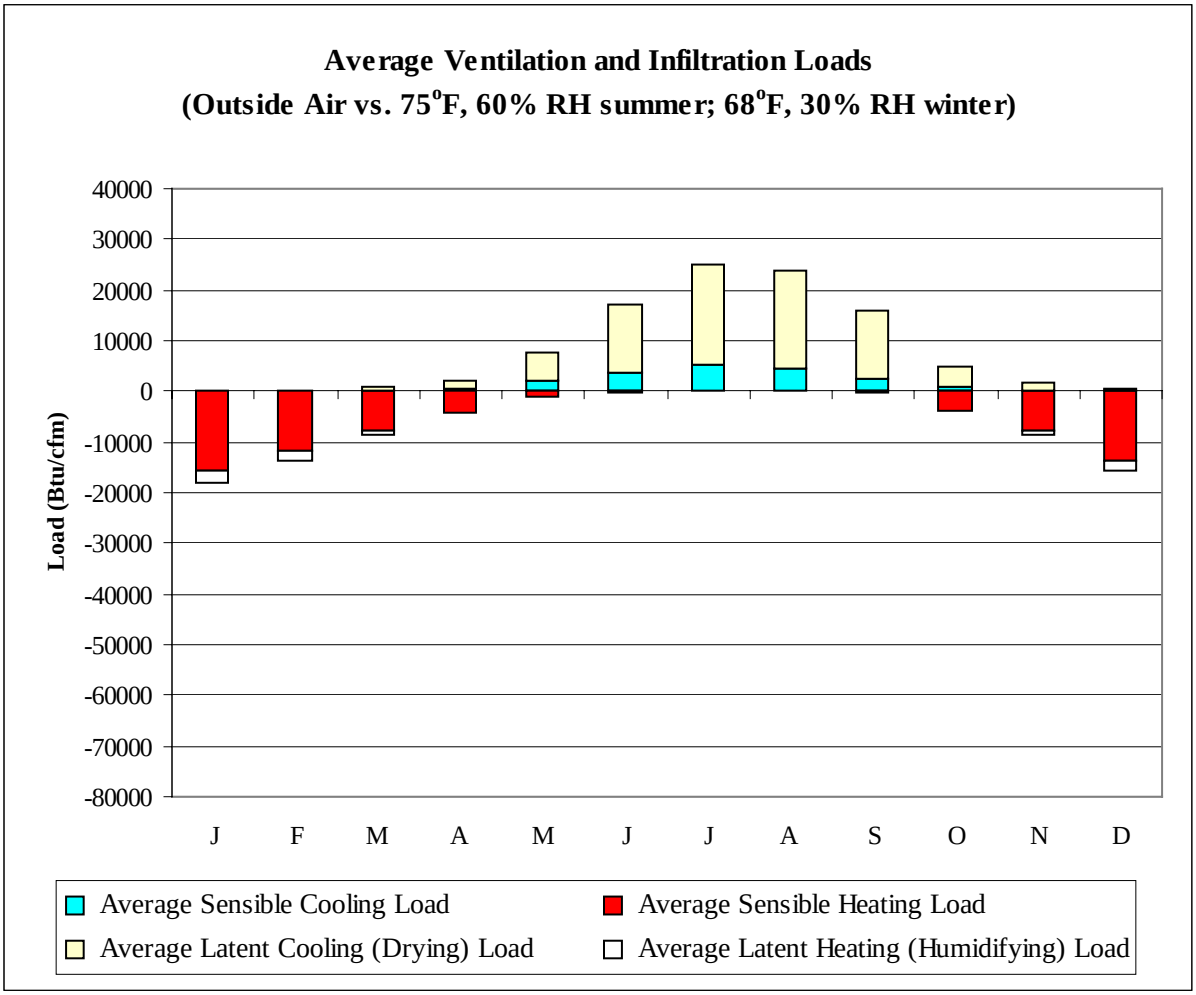


	Average Sensible Cooling Load (Btu/cfm)	Average Sensible Heating Load (Btu/cfm)	Average Latent Cooling Load (Btu/cfm)	Average Latent Heating Load (Btu/cfm)
JAN	16	-15551	212	-2500
FEB	48	-11735	219	-1906
MAR	235	-7832	593	-832
APR	698	-4113	1221	-255
MAY	1982	-1110	5746	-5
JUN	3815	-115	13131	0
JUL	5376	-4	19608	0
AUG	4445	-24	19290	0
SEP	2619	-404	13151	0
OCT	754	-3628	4126	-63
NOV	146	-7844	1718	-636
DEC	24	-13721	449	-1868
ANN	20158	-66081	79464	-8065

Average Annual Solar Radiation – Nearest Available Site

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

City: SAVANNAH
State: GA
WBAN No: 3822
Lat(N): 32.13
Long(W): 81.2
Elev(ft): 52

Stn Type: Primary
SHADING GEOMETRY IN DIMENSIONLESS UNITS
Window: 1
Overhang: 0.963
Vert Gap: 0.658

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	880	1120	1480	1850	1970	1990	1920	1740	1490	1290	980	810	1460
	Std Dev	69	98	102	122	150	130	117	129	133	117	82	69	34
	Minimum	770	870	1290	1600	1520	1720	1620	1450	1170	980	710	640	1390
	Maximum	1040	1340	1640	2160	2200	2210	2180	2000	1740	1470	1120	920	1540
	Diffuse	380	470	590	700	850	920	940	870	740	520	400	350	640
Clear Day	Global	1210	1540	1940	2310	2510	2560	2490	2300	1990	1590	1240	1100	1900
NORTH	Global	250	300	380	460	570	630	600	510	420	340	270	230	410
	Diffuse	250	300	380	450	520	540	530	490	420	340	270	230	390
Clear Day	Global	230	280	350	430	580	680	630	490	390	320	240	210	400
EAST	Global	550	680	860	1050	1070	1060	1050	980	860	780	620	510	840
	Diffuse	300	370	470	560	630	650	650	610	530	420	330	280	480
Clear Day	Global	820	1000	1170	1320	1360	1350	1320	1260	1150	990	820	750	1110
SOUTH	Global	1170	1190	1130	940	730	640	670	790	970	1220	1240	1170	990
	Diffuse	390	450	510	540	560	550	560	570	560	500	430	380	500
Clear Day	Global	1980	1910	1610	1150	810	680	730	990	1380	1720	1880	1930	1390
WEST	Global	560	690	850	1030	1040	1010	950	900	830	760	610	520	810
	Diffuse	300	370	470	560	630	650	640	600	530	420	330	280	480
Clear Day	Global	820	1000	1170	1320	1360	1350	1320	1260	1150	990	820	750	1110

Average Annual Solar Heat and Illumination – Nearest Available Site

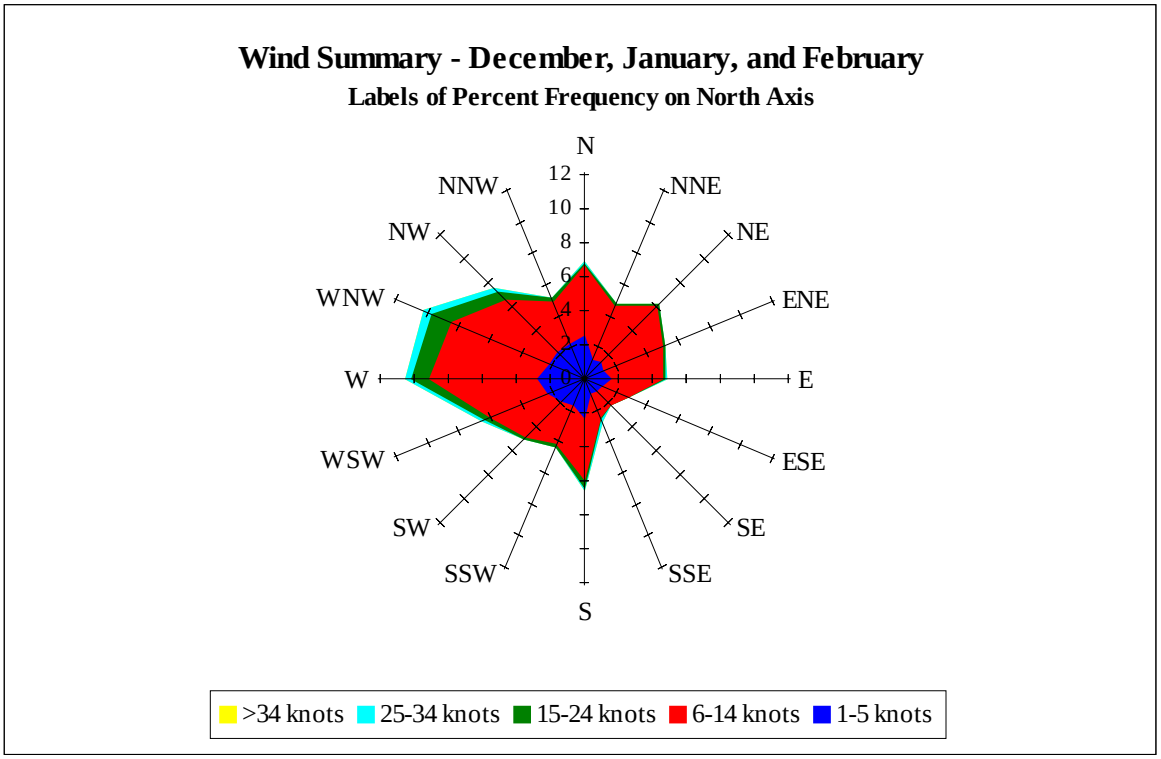
(Source: National Renewable Energy Laboratory, Golden CO, 1995)

AVERAGE TRANSMITTED SOLAR RADIATION (Btu/sq.ft./day) FOR DOUBLE GLAZING, Percentage Uncertainty = 9

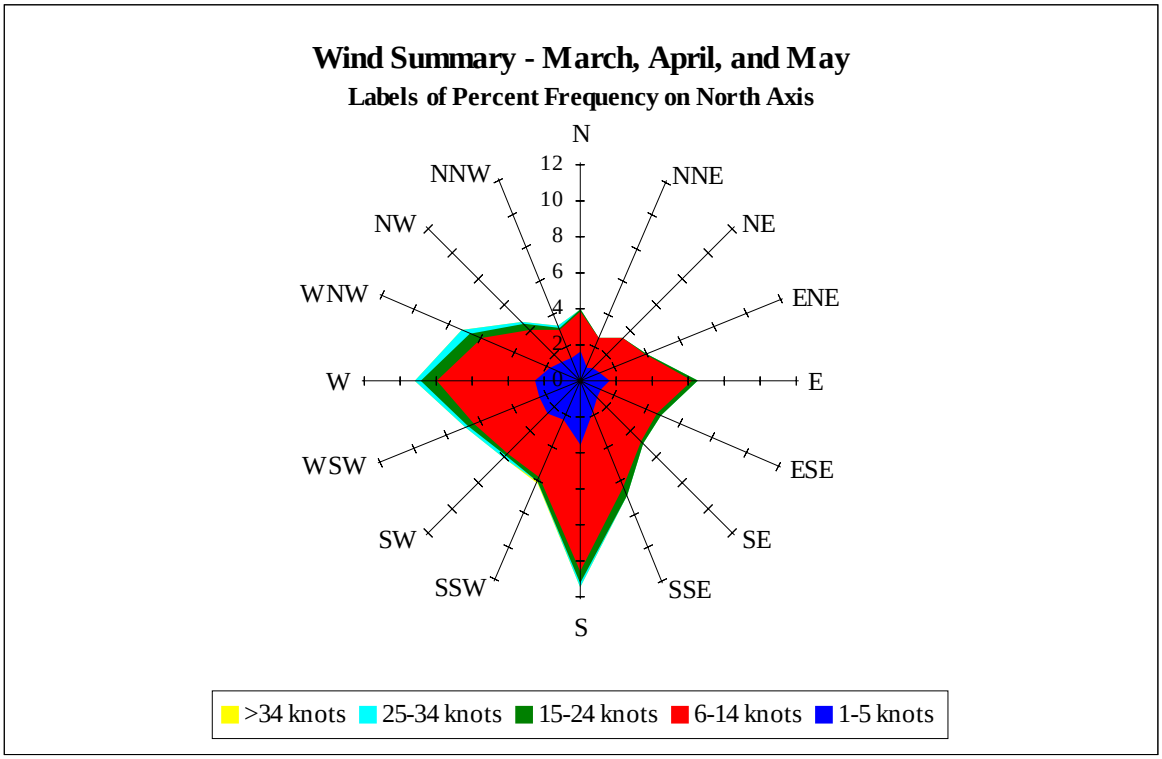
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ	Unshaded	600	790	1060	1340	1430	1450	1390	1260	1070	920	670	540	1040
NORTH	Unshaded	170	210	260	310	370	410	390	340	290	240	180	160	280
	Shaded	150	180	230	280	320	340	330	290	250	210	160	140	240
EAST	Unshaded	380	480	610	750	760	760	740	700	610	550	430	350	590
	Shaded	320	400	500	600	610	600	590	560	490	450	360	300	480
SOUTH	Unshaded	870	850	750	580	440	400	420	490	630	850	910	870	670
	Shaded	820	680	410	320	330	330	340	340	340	590	820	840	510
WEST	Unshaded	390	490	610	730	740	710	670	640	590	540	420	360	570
	Shaded	330	410	500	590	590	570	530	510	480	450	360	300	470

AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS, Percentage Uncertainty = 9

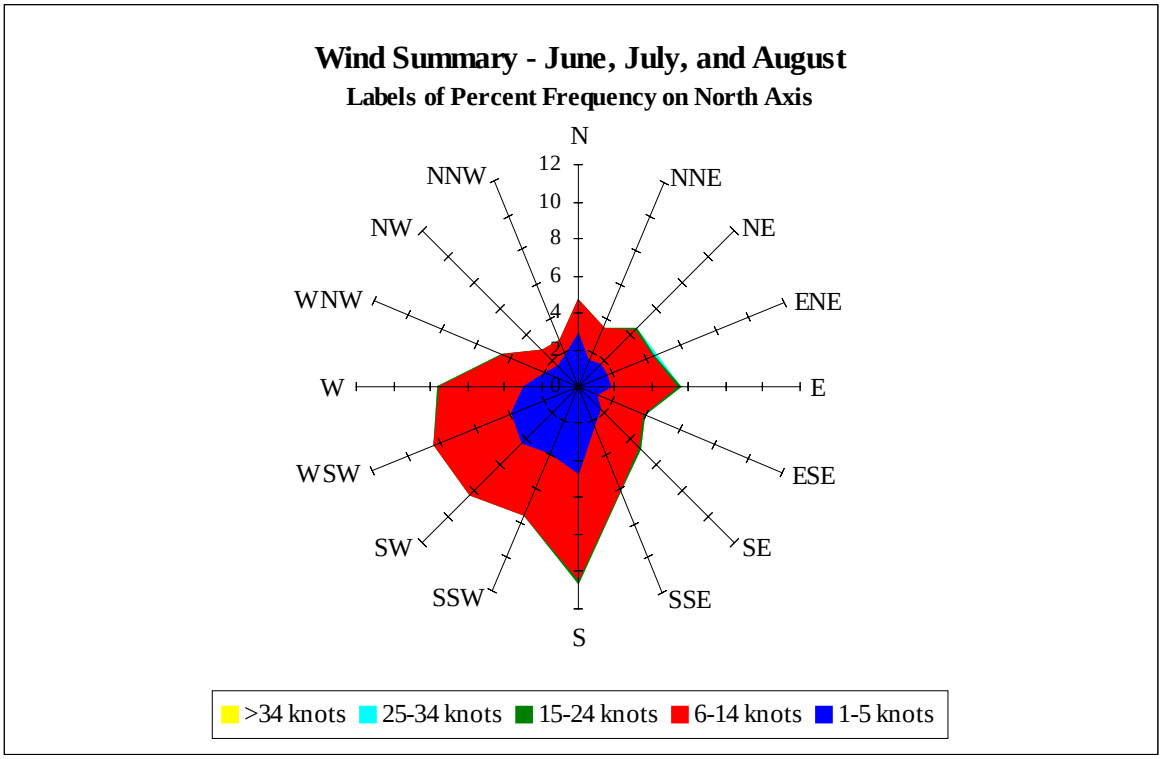
		March					June				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	36	76	91	78	39	36	78	102	99	73
	M.Cloudy	22	50	60	51	25	26	57	77	76	51
NORTH	M.Clear	9	14	16	15	10	23	17	18	18	17
	M.Cloudy	9	16	18	16	10	15	18	20	20	17
EAST	M.Clear	74	66	18	15	10	64	76	41	18	17
	M.Cloudy	28	38	19	16	10	33	49	35	20	17
SOUTH	M.Clear	31	63	75	64	33	11	19	33	32	18
	M.Cloudy	15	37	45	38	18	10	19	29	29	17
WEST	M.Clear	9	14	16	63	75	11	17	18	45	75
	M.Cloudy	9	16	18	38	33	10	18	20	37	45
M.Clear	(% hrs)	41	39	37	36	36	39	39	33	31	34
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	21	65	89	85	55	17	50	61	45	11
	M.Cloudy	14	43	64	62	38	10	30	37	28	7
NORTH	M.Clear	8	15	18	18	15	6	11	12	10	4
	M.Cloudy	6	16	19	19	14	5	11	13	11	3
EAST	M.Clear	48	73	39	18	15	46	49	12	10	4
	M.Cloudy	18	40	31	19	14	14	23	13	11	3
SOUTH	M.Clear	13	46	65	62	38	37	79	91	75	26
	M.Cloudy	8	28	44	43	24	12	33	40	32	9
WEST	M.Clear	8	15	18	46	70	6	11	16	53	36
	M.Cloudy	6	16	19	35	38	5	11	14	25	11
M.Clear	(% hrs)	39	37	30	28	33	36	38	37	37	38



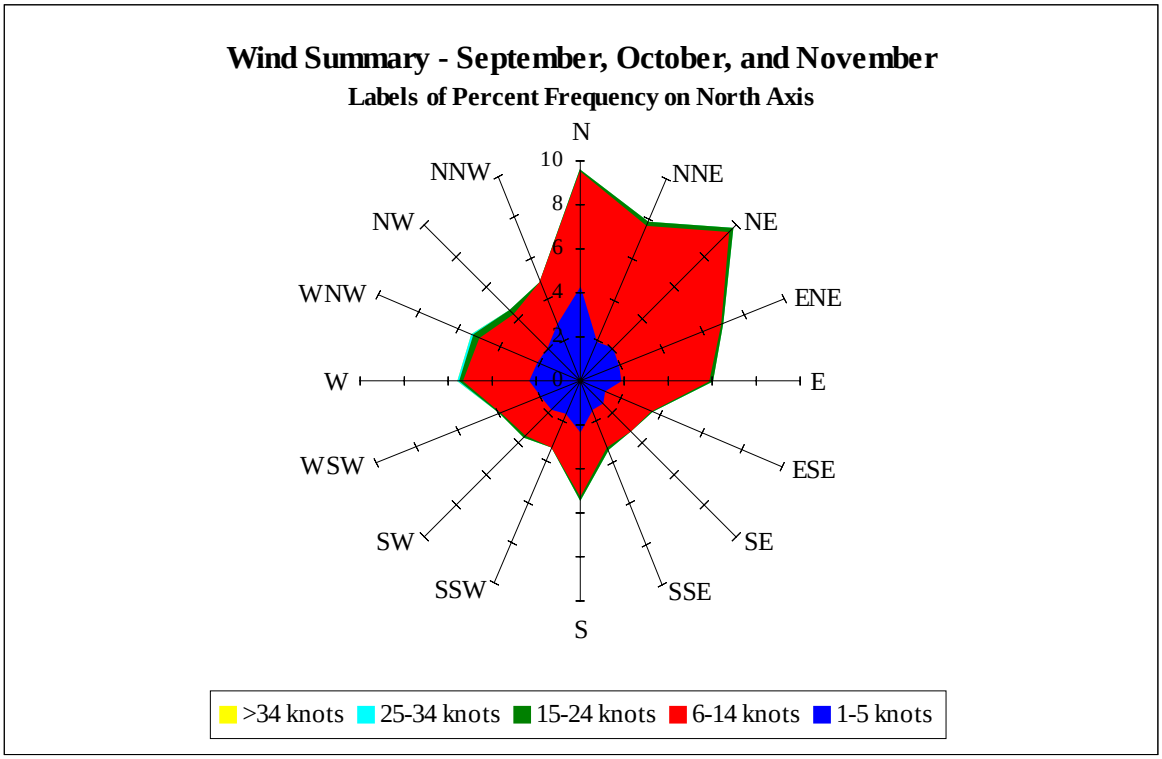
Percent Calm = 9.96



Percent Calm = 9.88



Percent Calm = 10.29



Percent Calm = 13.26