TALLAHASSEE FL	
Latitude = 30.38 N	WMO No. 722140
Longitude = 84.37 W	Elevation = 69 feet
Period of Record = 1973 to 1996	Average Pressure = 29.96 inches Hg

Design Criteria Data

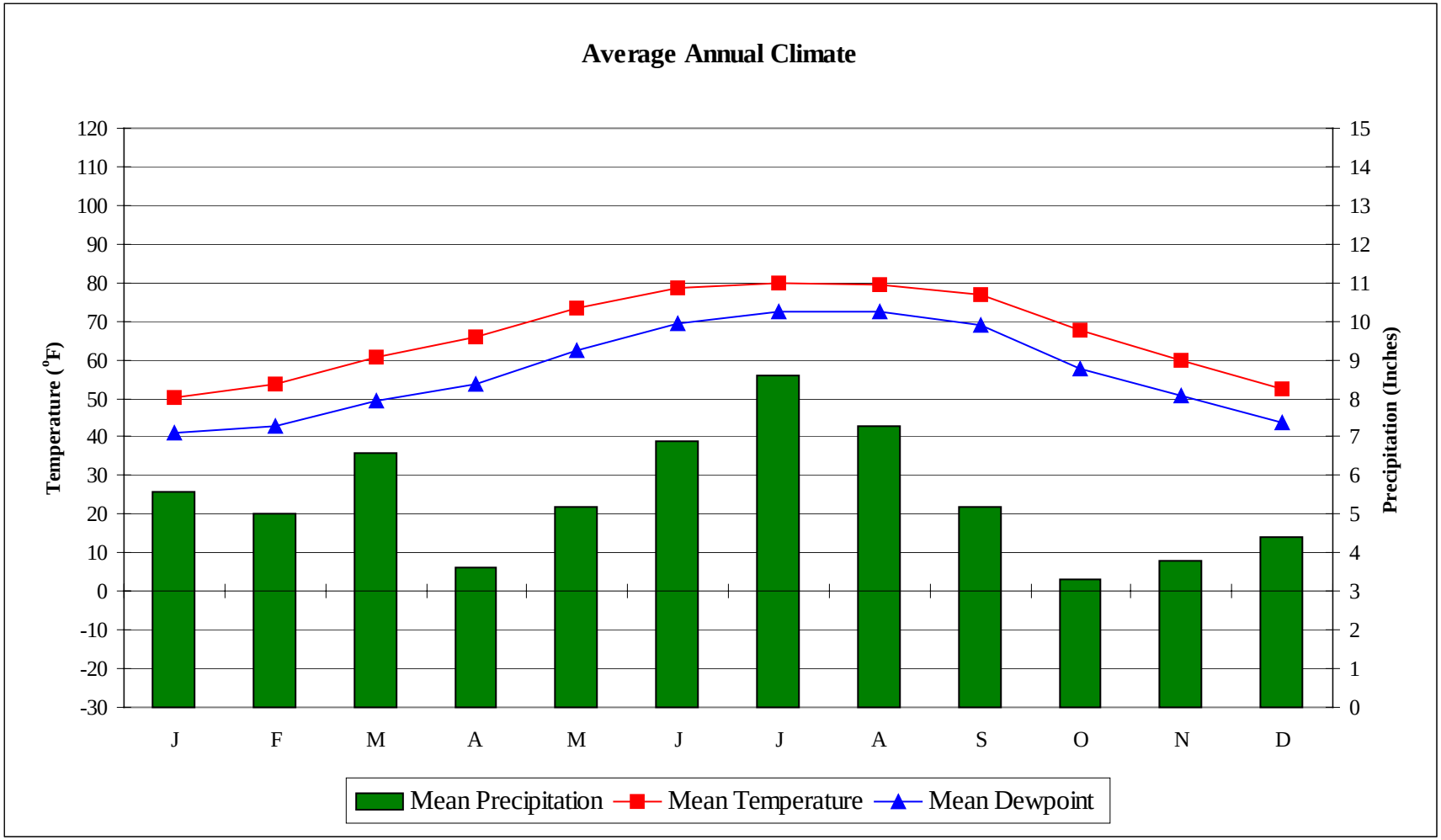
		Mean Coincident (Average) Values			
Dry Bulb Temperature (T)	**Design Value (^oF)**	Wet Bulb Temperature (^oF)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Median of Extreme Highs	98	78	113	7.7	N
0.4% Occurrence	95	77	110	7.7	N
1.0% Occurrence	93	76	111	7.6	N
2.0% Occurrence	92	76	111	7.7	N
Mean Daily Range	23	-	-	-	-
97.5% Occurrence	32	30	21	2.4	N
99.0% Occurrence	28	26	17	2.1	N
99.6% Occurrence	24	23	14	1.9	N
Median of Extreme Lows	19	18	11	2.3	N
		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	91	144	7.9	S
0.4% Occurrence	80	89	135	7.4	S
1.0% Occurrence	79	88	131	7.1	S
2.0% Occurrence	78	87	128	6.8	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	155	84	1.03	3.5	SSE
0.4% Occurrence	141	83	0.94	5.5	S
1.0% Occurrence	140	83	0.94	5.4	S
2.0% Occurrence	135	82	0.90	5.1	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	119	1663	2073	3899

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
10	4.5	120	7.5 + 1.8
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 (#)
69.1	0	0	26

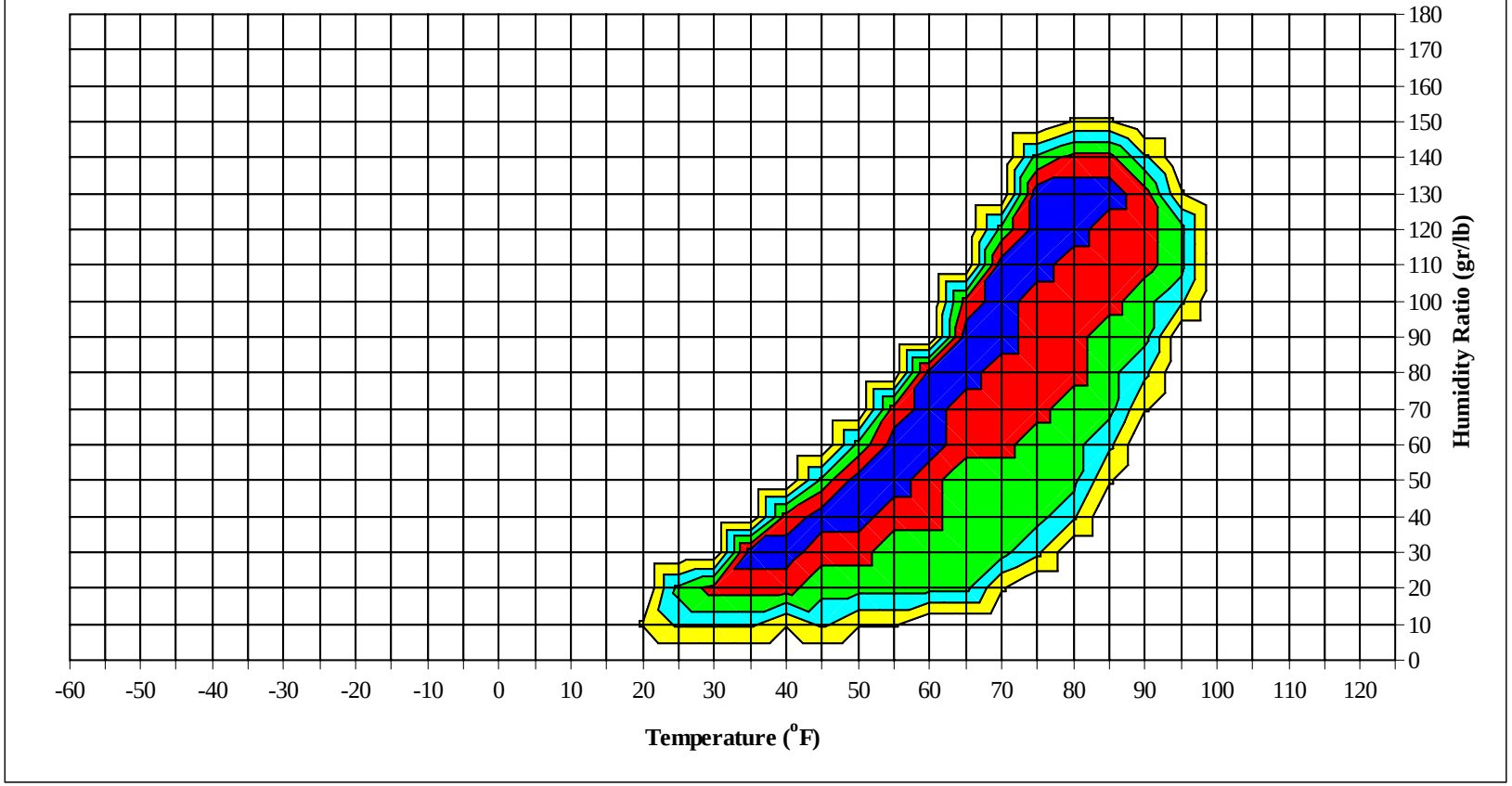
*Note: Temperatures at greater depths can be estimated by adding 1.5^oF per 100 feet additional depth.

TALLAHASSEE FL WMO No. 722140



TALLAHASSEE FL WMO No. 722140

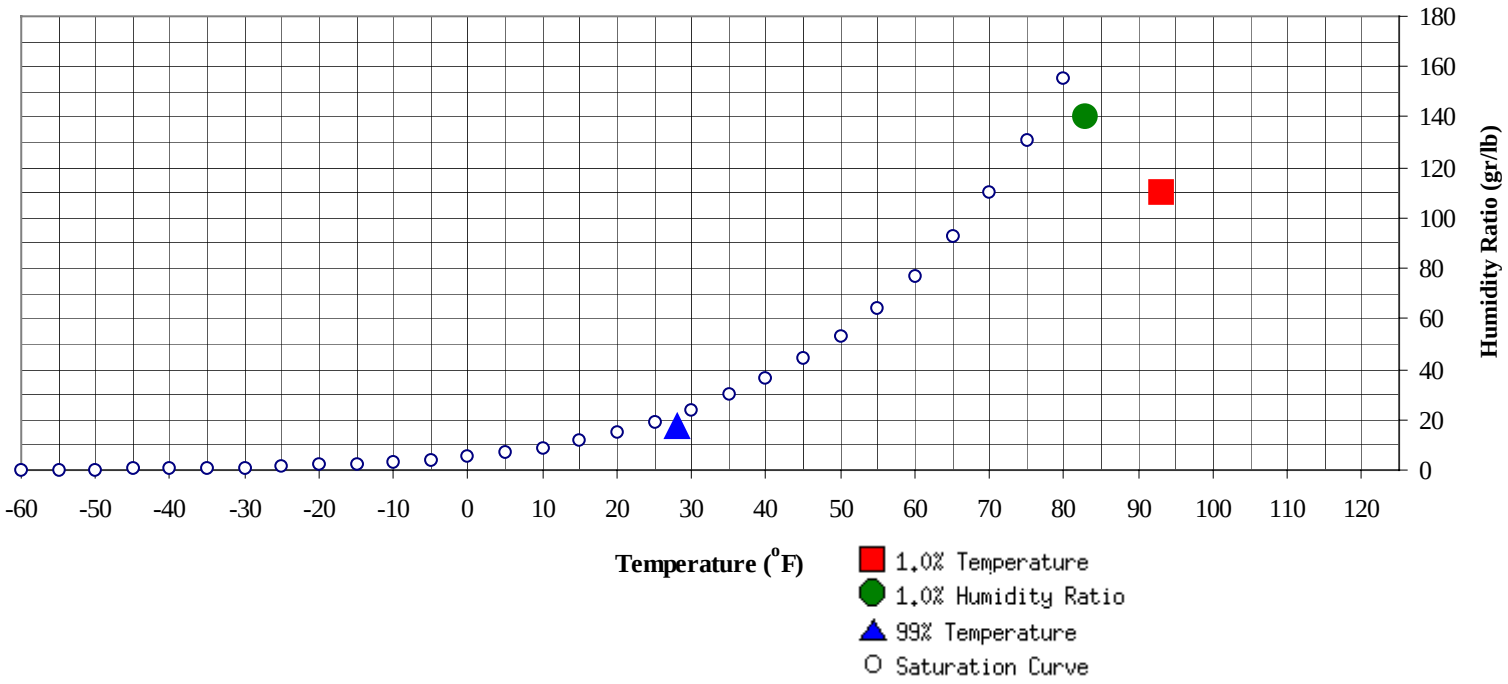
Long Term Psychrometric Summary



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

TALLAHASSEE FL WMO No. 722140

Psychrometric Summary of Peak Design Values



	(°F)	MCHR (gr/lb)	Enthalpy (btu/lb)
99% Dry Bulb	28	17.2	9.4

	(gr/lb)	MCDB (°F)	MCWB (°F)	MC Dewpt (°F)	Enthalpy (btu/lb)
1.0% Humidity Ratio	140	82.8	78.6	77	41.8

	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
1.0% Dry Bulb	93	110.6	76.5	39.7

TALLAHASSEE FL WMO No. 722140

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															
85 / 89												3	1	4	66.5
80 / 84		0		0	70.3		2	1	3	64.9		22	6	28	66.1
75 / 79		9	2	11	67.2		17	5	22	64.4	1	43	19	63	64.5
70 / 74	2	21	8	31	64.3	3	31	16	50	62.4	11	49	36	96	63.2
65 / 69	9	33	25	67	61.2	16	41	32	89	60.6	27	45	48	120	60.9
60 / 64	23	38	33	94	57.5	20	35	37	92	56.5	40	34	48	122	57.1
55 / 59	30	39	36	105	52.8	26	31	34	91	51.8	40	23	33	96	53.0
50 / 54	27	34	36	97	47.5	30	26	30	86	47.5	36	15	22	73	48.1
45 / 49	28	29	31	88	43.0	30	18	24	72	42.8	30	7	16	53	44.1
40 / 44	32	21	31	84	38.4	28	13	20	61	38.5	24	4	12	40	39.4
35 / 39	32	13	23	68	34.0	26	7	15	48	34.2	22	1	5	28	35.1
30 / 34	31	6	14	51	29.8	22	2	8	32	29.8	13	0	1	14	30.9
25 / 29	22	2	7	31	25.5	18	0	3	21	25.4	3	0	1	4	25.4
20 / 24	9	0	1	10	21.1	6	0	0	6	21.3	1		0	1	20.9
15 / 19	2	0	1	3	16.1	1	0		1	16.3					
10 / 14	1	0		1	10.8		0		0						
5 / 9	0	0		0	6.6										

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.

TALLAHASSEE FL WMO No. 722140

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											0	0	0	0	78.8
95 / 99							1	0	1	73.7	0	8	2	10	76.7
90 / 94		2	0	2	67.7		16	4	20	72.2	0	55	14	69	75.2
85 / 89		17	5	22	67.8		61	21	83	71.0	0	81	32	113	74.8
80 / 84	0	52	19	71	66.6	0	83	40	123	69.8	6	58	45	109	74.2
75 / 79	1	62	34	97	64.9	13	51	54	119	69.1	50	28	79	156	73.3
70 / 74	17	47	43	107	63.7	62	26	63	151	68.1	120	9	59	188	70.5
65 / 69	40	32	49	121	61.5	77	8	39	124	64.6	49	0	9	58	66.1
60 / 64	47	18	36	101	57.8	49	1	17	67	60.0	13		1	14	61.0
55 / 59	43	7	27	77	53.7	27	0	7	34	55.3	2		0	2	56.5
50 / 54	38	2	15	55	49.6	14	0	2	16	50.9	1		0	1	51.7
45 / 49	25	1	8	34	45.2	6		0	6	46.8	0			0	46.6
40 / 44	20	0	3	23	41.1	1			1	42.9					
35 / 39	8		1	9	36.2										
30 / 34	3		0	3	32.3										
25 / 29	0			0	28.3										
20 / 24															
15 / 19															
10 / 14															
5 / 9															

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.

TALLAHASSEE FL WMO No. 722140

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		1	0	1	80.3		1	0	1	78.7					
95 / 99		15	3	18	78.0		10	2	12	77.9		2	0	2	76.0
90 / 94		69	17	86	77.3	0	63	14	77	77.2		38	7	45	75.6
85 / 89	0	78	30	108	77.1	0	83	29	112	76.8		76	23	99	75.2
80 / 84	13	50	57	120	76.2	6	57	52	115	76.1	0	61	38	99	73.9
75 / 79	82	26	100	208	74.5	82	28	108	218	74.4	45	41	93	179	72.9
70 / 74	137	8	39	185	71.6	144	6	41	191	71.6	125	16	58	199	70.2
65 / 69	15	0	1	16	67.1	15	0	2	17	66.9	45	4	13	62	65.1
60 / 64	1		0	1	61.7	1	0	0	1	61.7	14	1	4	19	60.1
55 / 59						0			0	59.0	6	0	3	9	55.0
50 / 54											4		1	5	51.4
45 / 49											1		0	1	46.4
40 / 44															
35 / 39															
30 / 34															
25 / 29															
20 / 24															
15 / 19															
10 / 14															
5 / 9															

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.

TALLAHASSEE FL WMO No. 722140

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															
90 / 94		3	0	3	73.8										
85 / 89		26	5	31	72.0		1	0	1	70.5					
80 / 84		56	18	74	69.6		18	2	20	69.4		1	0	1	70.1
75 / 79	5	61	37	103	67.7	1	46	11	58	67.5	0	17	2	19	67.6
70 / 74	42	52	59	153	66.5	16	48	39	102	66.1	5	30	14	49	65.4
65 / 69	48	30	45	123	62.8	33	42	43	117	62.3	14	36	27	77	61.6
60 / 64	47	13	32	92	58.5	33	34	35	102	57.3	26	43	35	104	57.6
55 / 59	31	5	22	58	53.9	34	25	31	90	52.8	26	37	38	101	52.7
50 / 54	30	2	15	47	49.8	28	15	27	70	48.2	34	31	35	100	48.1
45 / 49	22	0	10	32	45.6	28	7	22	57	44.1	28	24	28	80	43.2
40 / 44	16	0	3	19	41.2	25	3	16	44	39.9	29	16	26	71	38.8
35 / 39	7		1	8	36.5	22	1	10	33	35.7	29	8	22	59	34.5
30 / 34	2		0	2	31.9	16	0	4	20	31.0	26	3	13	42	30.1
25 / 29						6	0	1	7	27.1	20	1	7	28	26.0
20 / 24						0		0	0	21.3	8	0	1	9	21.4
15 / 19											2	0	0	2	15.5
10 / 14											0			0	11.7
5 / 9															

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.

TALLAHASSEE FL WMO No. 722140

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

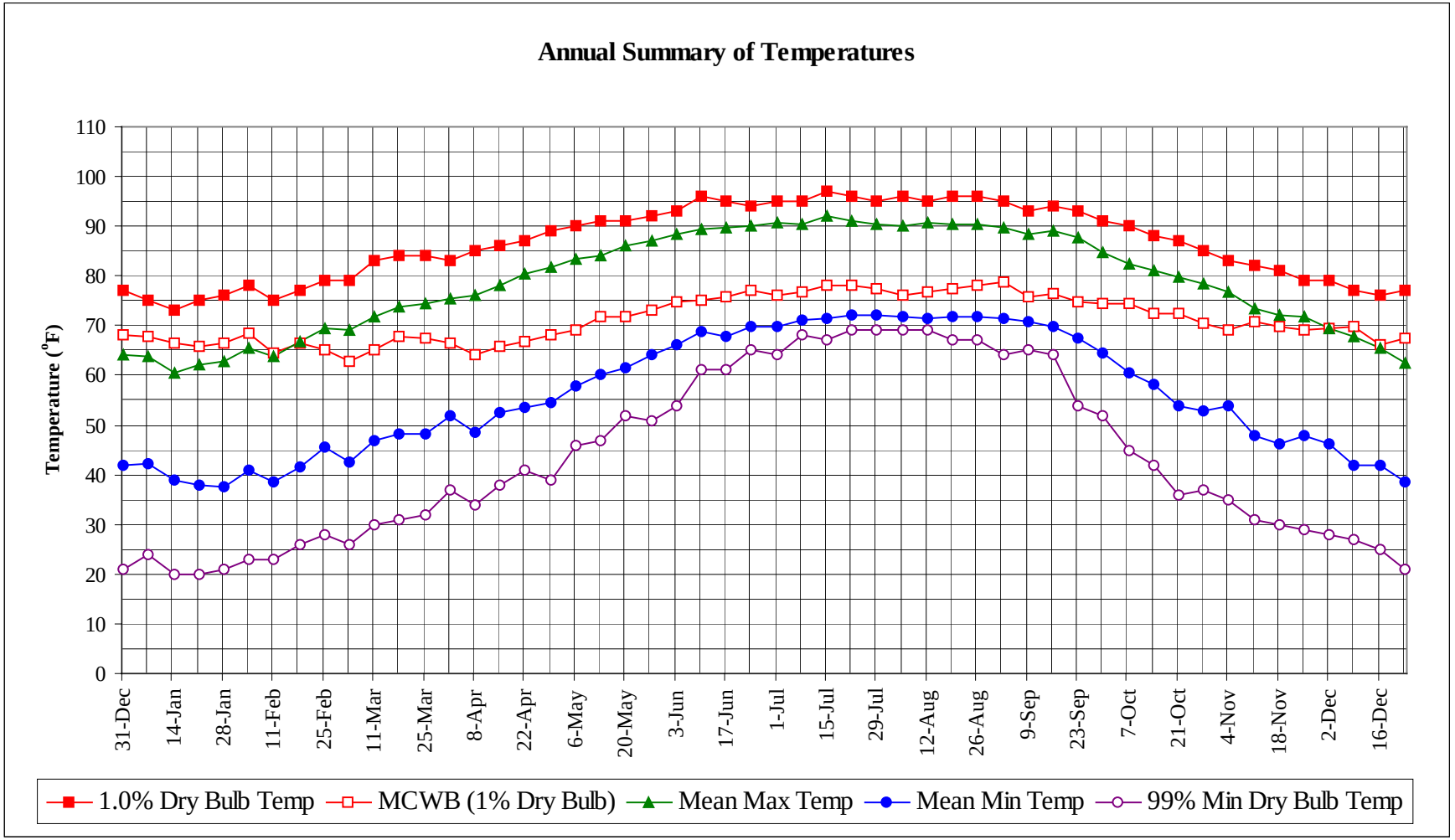
Period of Record = 1973 to 1996

Annual Totals

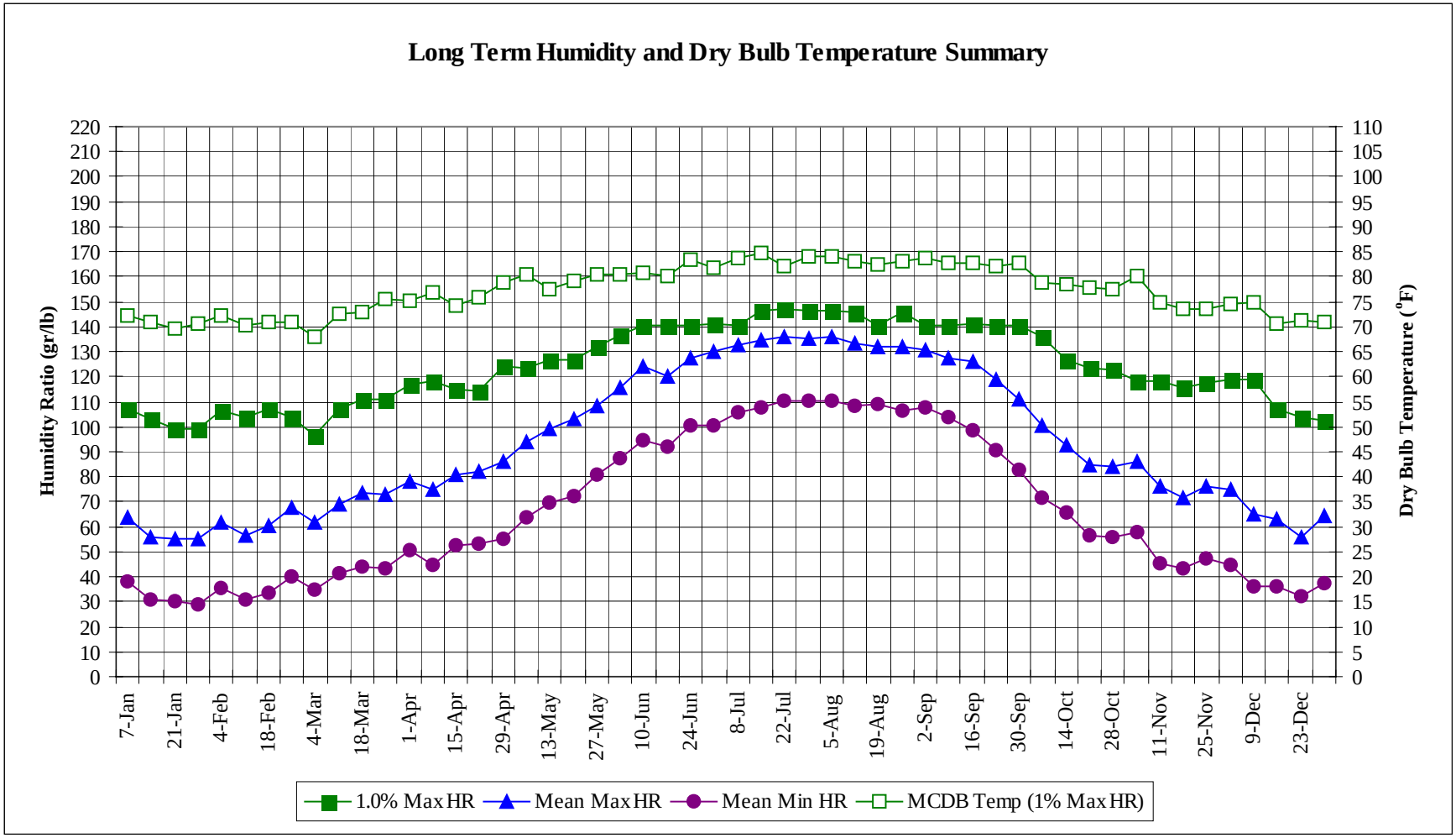
Temperature Range (°F)	Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)
100 / 104	0	1	0	1	79.3
95 / 99	0	35	7	42	77.5
90 / 94	0	245	56	301	76.1
85 / 89	0	425	144	569	74.7
80 / 84	25	460	278	762	72.4
75 / 79	279	431	542	1252	71.1
70 / 74	680	342	474	1496	68.3
65 / 69	385	273	331	990	62.6
60 / 64	312	220	279	811	57.8
55 / 59	265	170	232	667	53.0
50 / 54	240	127	184	551	48.3
45 / 49	198	87	141	427	43.7
40 / 44	175	57	111	344	39.2
35 / 39	147	30	78	256	34.7
30 / 34	114	11	41	166	30.2
25 / 29	70	3	18	91	25.7
20 / 24	25	1	3	29	21.2
15 / 19	4	0	1	5	15.9
10 / 14	1	0		1	11.0
5 / 9	0	0		0	6.6

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.

TALLAHASSEE FL WMO No. 722140



TALLAHASSEE FL WMO No. 722140

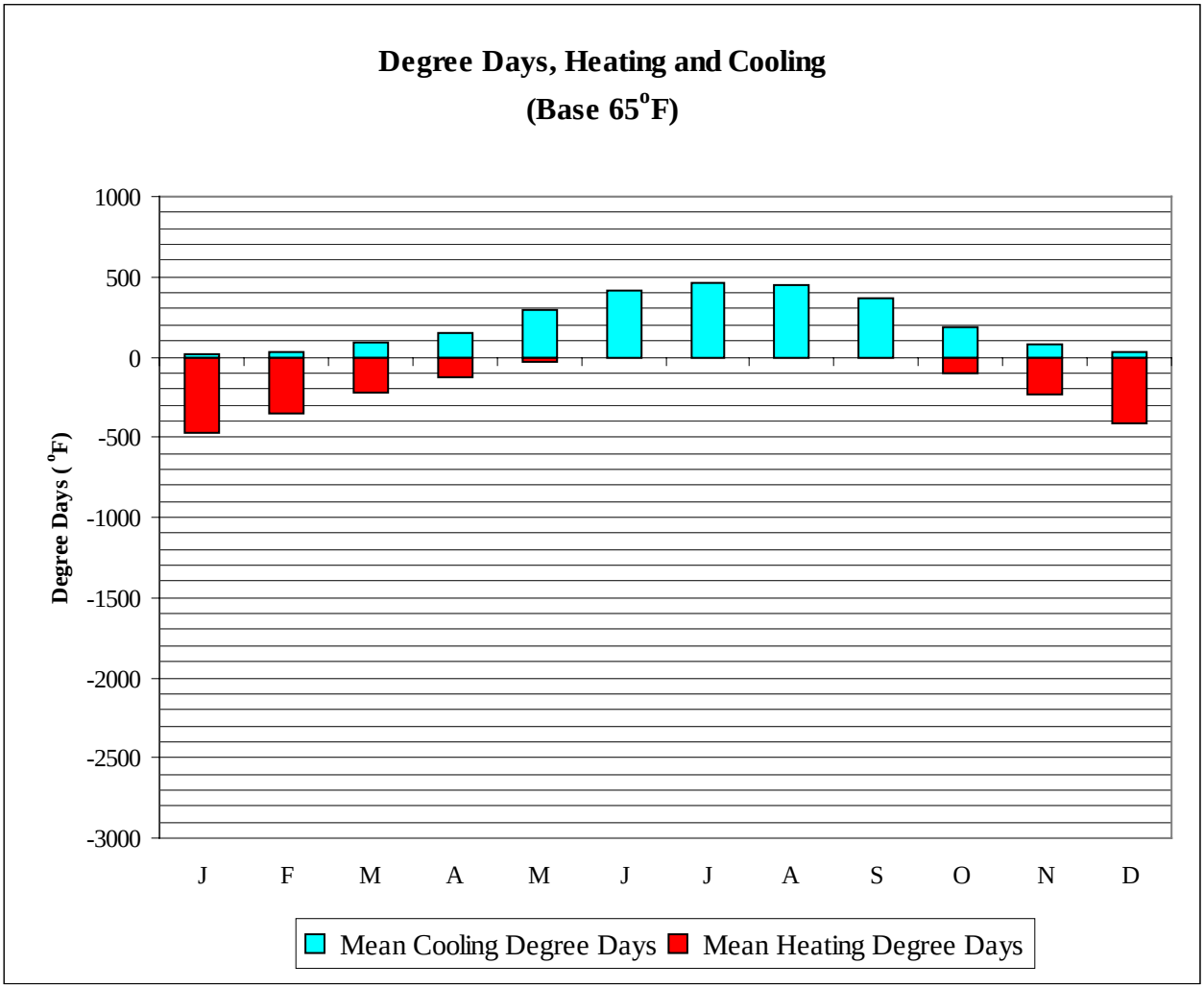


TALLAHASSEE FL WMO No. 722140

Long Term Dry Bulb Temperature and Humidity Summary

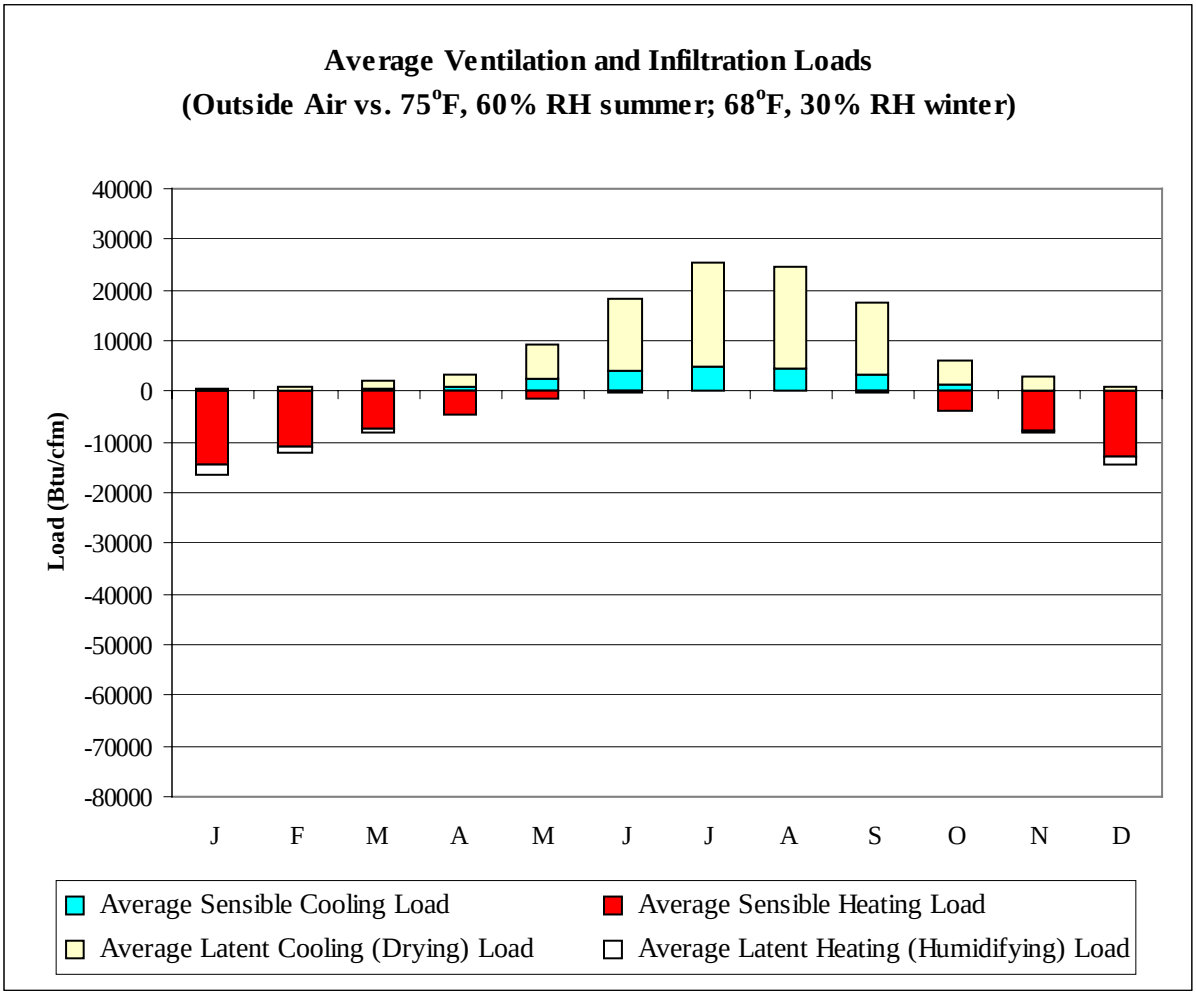
Week Ending	1.0% Temp (°F)	MCWB @ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB @ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	75.0	67.9	63.9	42.4	24.0	107.1	72.2	63.6	38.2
14-Jan	73.0	66.6	60.6	39.0	20.0	102.9	70.8	55.8	31.1
21-Jan	75.0	65.8	62.3	37.9	20.0	99.4	69.6	55.2	30.0
28-Jan	76.0	66.5	62.8	37.7	21.0	99.4	70.7	55.1	29.2
4-Feb	78.0	68.5	65.4	40.9	23.0	106.4	72.3	61.4	35.3
11-Feb	75.0	64.6	63.7	38.6	23.0	103.6	70.3	56.4	30.9
18-Feb	77.0	66.4	66.8	41.6	26.0	107.1	71.0	60.1	33.8
25-Feb	79.0	65.1	69.3	45.7	28.0	103.6	70.9	67.9	40.1
4-Mar	79.0	62.9	69.1	42.6	26.0	96.6	67.9	61.8	34.8
11-Mar	83.0	65.3	71.7	46.9	30.0	107.1	72.4	69.2	41.5
18-Mar	84.0	67.7	73.6	48.2	31.0	111.3	73.0	73.6	44.3
25-Mar	84.0	67.4	74.5	48.1	32.0	111.3	75.4	73.1	43.3
1-Apr	83.0	66.3	75.6	51.8	37.0	116.9	75.2	78.4	50.5
8-Apr	85.0	64.3	76.0	48.7	34.0	118.3	76.7	75.2	44.5
15-Apr	86.0	65.8	78.0	52.6	38.0	114.8	74.2	81.1	52.6
22-Apr	87.0	67.0	80.6	53.4	41.0	114.1	76.0	81.8	53.3
29-Apr	89.0	68.3	81.8	54.5	39.0	123.9	79.0	86.2	55.1
6-May	90.0	69.3	83.3	58.0	46.0	123.2	80.3	93.8	63.9
13-May	91.0	71.8	84.1	60.0	47.0	126.7	77.4	98.9	69.3
20-May	91.0	71.9	86.1	61.4	52.0	126.7	79.2	102.9	72.4
27-May	92.0	73.0	87.0	64.2	51.0	132.3	80.3	108.7	81.0
3-Jun	93.0	74.9	88.4	66.1	54.0	136.5	80.6	115.3	87.2
10-Jun	96.0	75.0	89.4	68.7	61.0	140.7	80.8	123.9	94.3
17-Jun	95.0	75.6	89.8	68.0	61.0	140.7	80.3	120.4	92.1
24-Jun	94.0	77.1	89.9	69.8	65.0	140.7	83.6	127.2	100.3
1-Jul	95.0	76.3	90.7	69.9	64.0	141.4	81.9	129.9	100.5
8-Jul	95.0	76.8	90.5	71.0	68.0	140.7	83.6	132.7	105.5
15-Jul	97.0	78.0	92.2	71.5	67.0	146.3	84.7	134.3	108.0
22-Jul	96.0	78.1	91.1	72.2	69.0	147.0	82.1	135.8	110.2
29-Jul	95.0	77.4	90.4	72.0	69.0	146.3	84.0	135.4	110.2
5-Aug	96.0	76.0	90.0	71.9	69.0	146.3	84.0	135.9	110.1
12-Aug	95.0	76.7	90.7	71.6	69.0	145.6	83.2	133.4	108.6
19-Aug	96.0	77.4	90.3	71.7	67.0	140.7	82.4	132.1	108.8
26-Aug	96.0	78.2	90.4	71.6	67.0	145.6	83.1	132.1	106.7
2-Sep	95.0	78.7	89.8	71.3	64.0	140.7	83.7	130.7	107.6
9-Sep	93.0	75.9	88.6	70.8	65.0	140.7	82.6	127.3	103.6
16-Sep	94.0	76.6	89.0	69.8	64.0	141.4	82.6	125.8	98.6
23-Sep	93.0	74.8	87.7	67.4	54.0	140.7	82.0	119.0	90.6
30-Sep	91.0	74.5	84.7	64.6	52.0	140.7	82.7	110.8	83.0
7-Oct	90.0	74.4	82.5	60.6	45.0	135.8	78.9	100.3	71.7
14-Oct	88.0	72.4	81.2	58.2	42.0	126.7	78.5	92.7	65.4
21-Oct	87.0	72.4	79.9	53.7	36.0	123.2	77.7	85.0	56.3
28-Oct	85.0	70.6	78.5	52.7	37.0	122.5	77.4	84.2	55.6
4-Nov	83.0	69.0	76.7	53.8	35.0	118.3	80.1	86.1	57.8
11-Nov	82.0	70.6	73.5	47.7	31.0	118.3	74.7	75.9	45.3
18-Nov	81.0	69.8	72.1	46.3	30.0	115.5	73.6	71.8	43.2
25-Nov	79.0	69.1	71.6	47.9	29.0	117.6	73.4	76.0	47.1
2-Dec	79.0	69.4	69.3	46.1	28.0	119.0	74.5	75.0	45.0
9-Dec	77.0	69.9	67.6	41.7	27.0	119.0	74.8	65.0	36.0
16-Dec	76.0	66.1	65.4	41.9	25.0	107.1	70.8	63.4	36.1
23-Dec	77.0	67.3	62.3	38.6	21.0	103.6	71.4	55.8	32.3
31-Dec	77.0	68.3	64.2	41.9	21.0	102.2	71.0	64.4	37.3

TALLAHASSEE FL WMO No. 722140



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	19	471
FEB	33	348
MAR	88	223
APR	155	127
MAY	297	32
JUN	409	2
JUL	467	0
AUG	453	0
SEP	367	8
OCT	186	107
NOV	80	239
DEC	29	418
ANN	2585	1975

TALLAHASSEE FL WMO No. 722140



	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	17	-14366	693	-1942
FEB	54	-10825	721	-1450
MAR	347	-7361	1596	-608
APR	965	-4435	2237	-149
MAY	2502	-1346	6813	-1
JUN	3978	-154	14476	0
JUL	4675	-14	20524	0
AUG	4349	-20	20106	0
SEP	3171	-372	14336	0
OCT	1157	-3767	4782	-49
NOV	242	-7709	2516	-522
DEC	36	-12887	1019	-1463
ANN	21493	-63256	89819	-6184

Average Annual Solar Radiation – Nearest Available Site

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

City: TALLAHASSEE
State: FL
WBAN No: 93805
Lat(N): 30.38
Long(W): 84.37
Elev(ft): 69

Stn Type: Primary
SHADING GEOMETRY IN DIMENSIONLESS UNITS
Window: 1
Overhang: 0.892
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	910	1170	1490	1870	1980	1940	1840	1730	1560	1370	1050	860	1480
	Std Dev	75	101	109	122	112	128	120	111	133	104	87	66	45
	Minimum	800	970	1260	1600	1710	1720	1610	1470	1090	1170	820	730	1370
	Maximum	1060	1380	1680	2130	2190	2220	2040	1960	1800	1570	1190	970	1570
	Diffuse	400	490	620	720	850	930	940	870	740	530	420	380	660
Clear Day	Global	1280	1600	1990	2330	2510	2550	2480	2310	2020	1650	1310	1170	1940
NORTH	Global	260	320	390	470	570	620	590	500	430	350	280	250	420
	Diffuse	260	320	390	450	510	540	530	480	430	350	280	250	400
Clear Day	Global	240	290	360	440	590	690	630	490	400	330	260	230	410
EAST	Global	550	680	840	1010	1050	1040	1020	990	890	810	630	520	840
	Diffuse	310	380	470	560	620	650	640	610	540	430	340	290	490
Clear Day	Global	860	1020	1200	1320	1340	1330	1300	1250	1150	1000	850	780	1120
SOUTH	Global	1160	1190	1090	910	690	600	620	760	970	1260	1270	1170	970
	Diffuse	410	460	520	540	540	540	540	560	570	520	450	400	510
Clear Day	Global	1990	1890	1570	1100	750	620	670	930	1340	1700	1880	1950	1360
WEST	Global	590	730	880	1040	1040	970	920	890	840	820	660	550	830
	Diffuse	320	390	490	580	630	640	630	600	540	440	350	300	490
Clear Day	Global	860	1020	1200	1320	1340	1330	1300	1250	1150	1000	850	780	1120

Average Annual Solar Heat and Illumination – Nearest Available Site

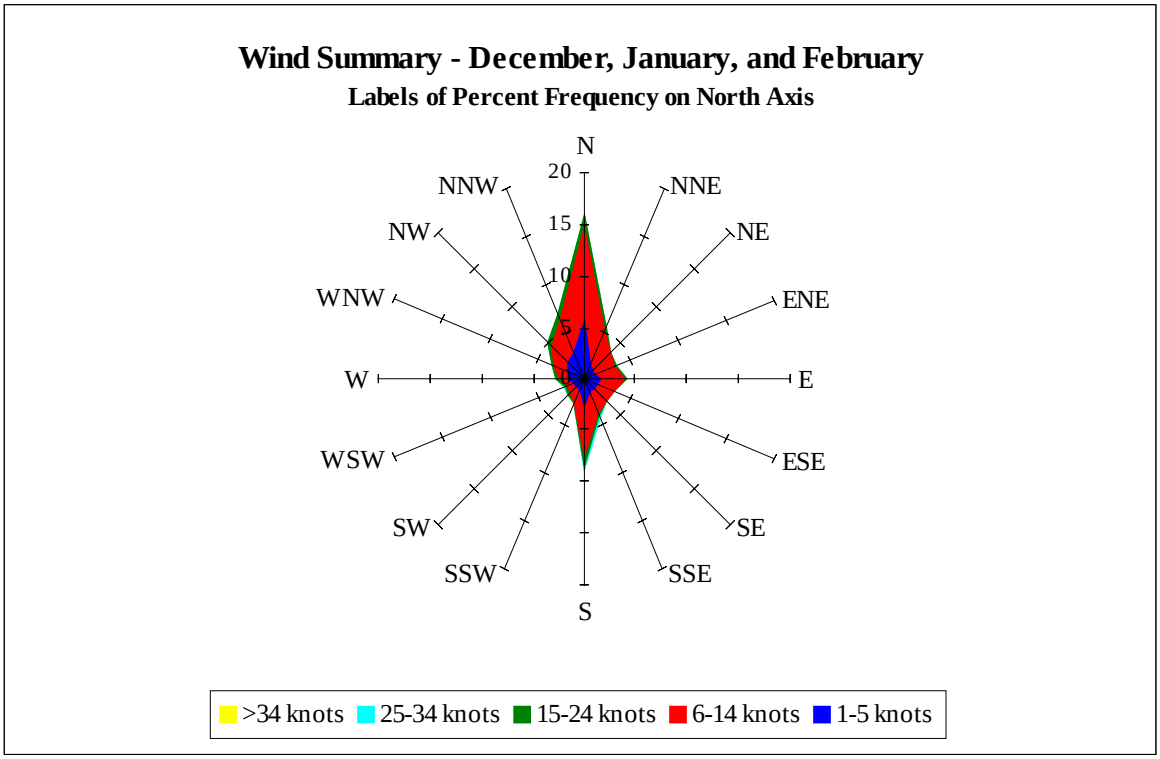
(Source: National Renewable Energy Laboratory, Golden CO, 1995)

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

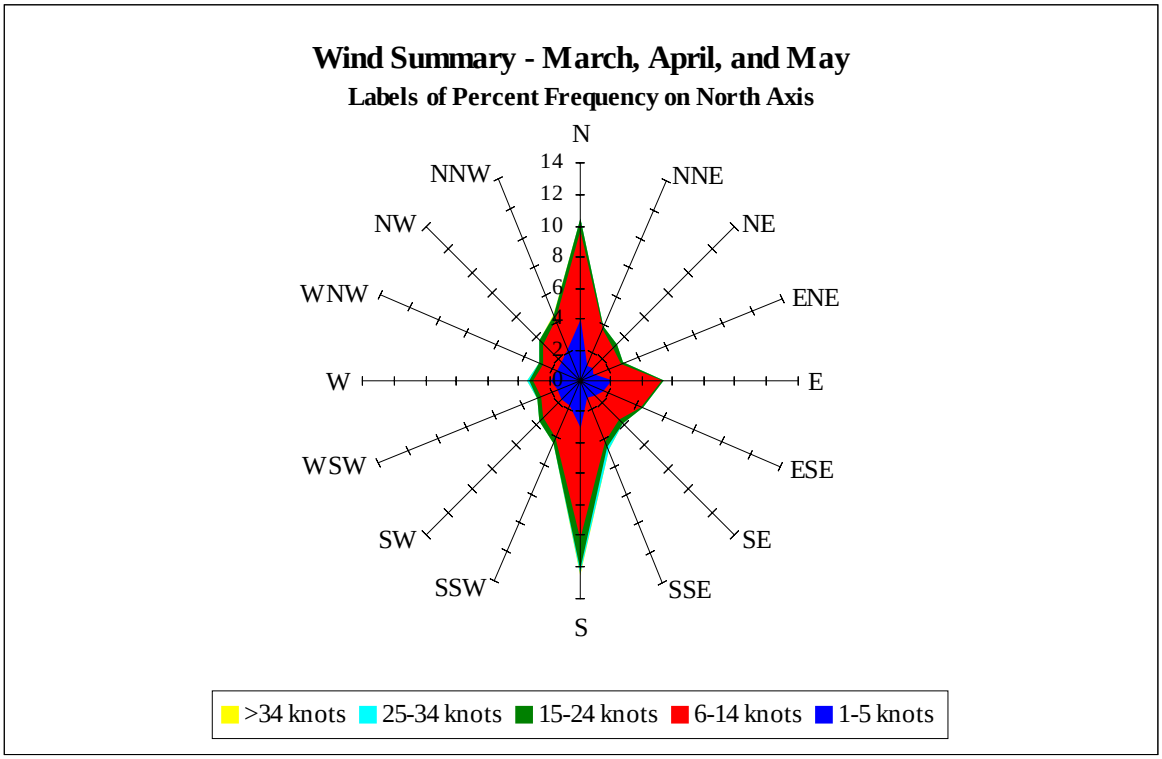
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ	Unshaded	630	820	1070	1360	1450	1410	1340	1260	1120	980	730	590	1060
NORTH	Unshaded	180	220	270	320	370	400	390	340	300	240	200	170	280
	Shaded	160	190	240	280	320	340	330	300	260	220	170	150	250
EAST	Unshaded	380	480	590	720	750	740	730	700	630	570	440	360	590
	Shaded	320	400	490	590	610	600	590	570	520	480	380	310	490
SOUTH	Unshaded	850	850	720	550	420	380	390	470	630	870	930	870	660
	Shaded	800	690	410	330	330	330	330	340	350	620	850	840	520
WEST	Unshaded	410	510	620	740	740	690	640	630	600	580	460	380	580
	Shaded	350	440	520	610	610	560	530	510	500	490	400	330	490

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

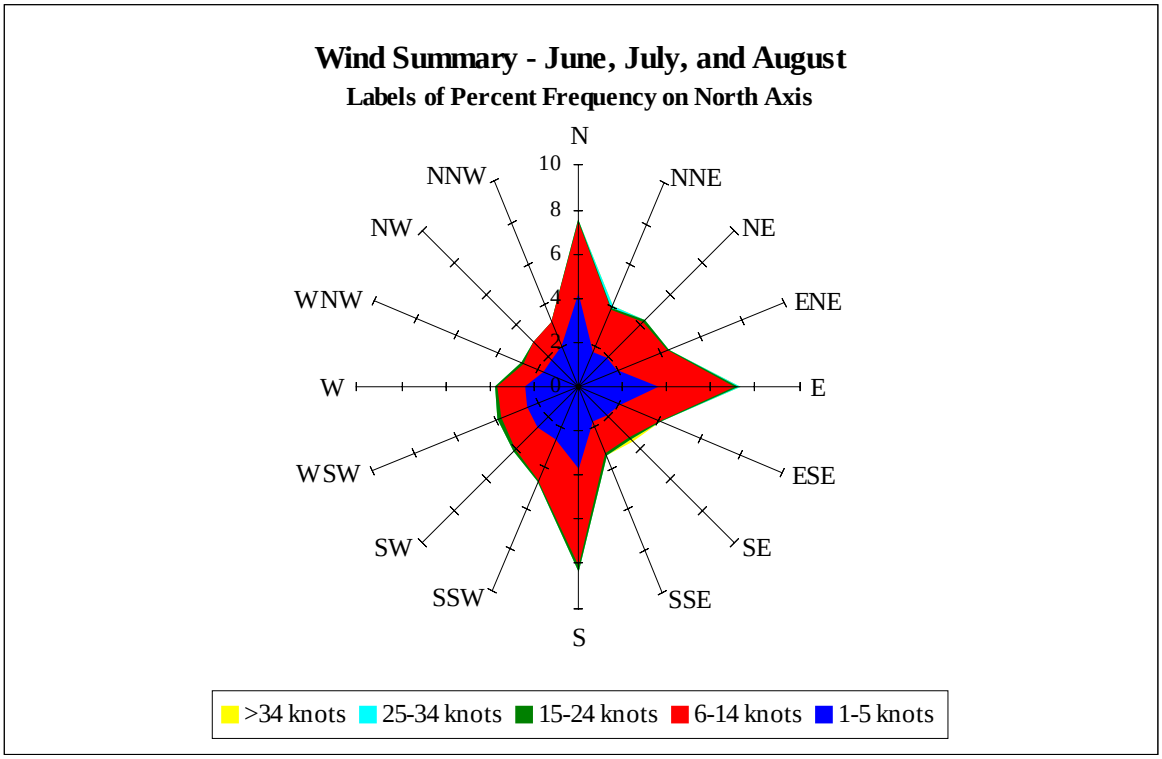
		March					June				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	32	74	93	81	45	29	74	99	100	75
	M.Cloudy	18	45	61	54	29	21	54	77	78	53
NORTH	M.Clear	9	14	16	15	11	21	19	18	18	18
	M.Cloudy	8	16	18	17	11	14	19	20	19	17
EAST	M.Clear	70	69	24	15	11	54	76	46	18	18
	M.Cloudy	22	36	22	17	11	27	50	38	19	17
SOUTH	M.Clear	25	58	73	64	36	10	17	29	30	18
	M.Cloudy	12	31	44	39	20	9	18	27	27	17
WEST	M.Clear	9	14	16	59	77	10	17	18	40	71
	M.Cloudy	8	16	18	37	36	9	18	20	34	46
M.Clear	(% hrs)	38	40	36	38	39	42	39	32	26	28
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	16	62	89	88	60	14	50	64	50	16
	M.Cloudy	10	41	66	66	43	8	29	38	32	10
NORTH	M.Clear	7	15	18	18	16	5	11	13	11	6
	M.Cloudy	5	15	19	19	15	4	11	14	12	5
EAST	M.Clear	39	74	44	18	16	42	53	14	11	6
	M.Cloudy	15	40	35	19	15	11	24	14	12	5
SOUTH	M.Clear	9	41	62	61	41	31	76	91	77	35
	M.Cloudy	6	25	44	44	27	9	31	40	35	12
WEST	M.Clear	7	15	18	42	70	5	11	13	51	45
	M.Cloudy	5	15	19	33	41	4	11	14	26	14
M.Clear	(% hrs)	46	44	35	32	35	36	37	37	38	41



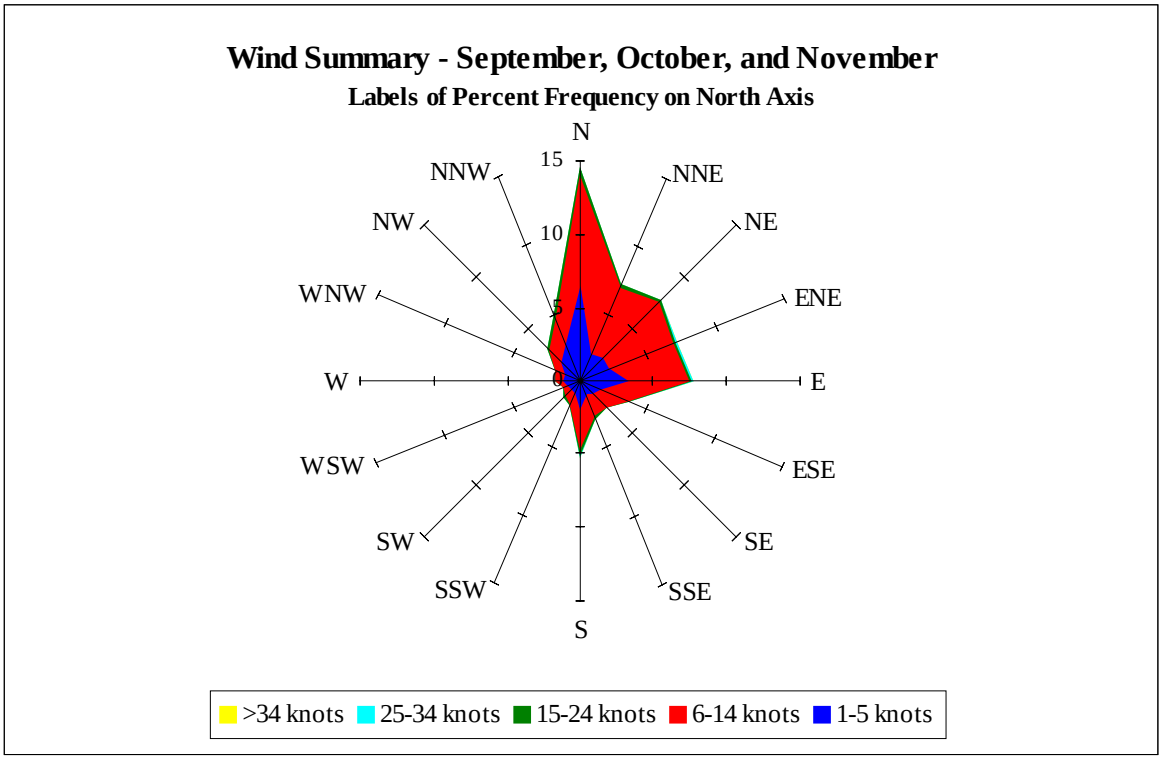
Percent Calm = 24.52



Percent Calm = 24.26



Percent Calm = 29.22



Percent Calm = 26.84