DAYTONA BEACH FL	
Latitude = 29.18 N	WMO No. 722056
Longitude = 81.05 W	Elevation = 36 feet
Period of Record = 1973 to 1996	Average Pressure = 29.99 inches Hg

Design Criteria Data

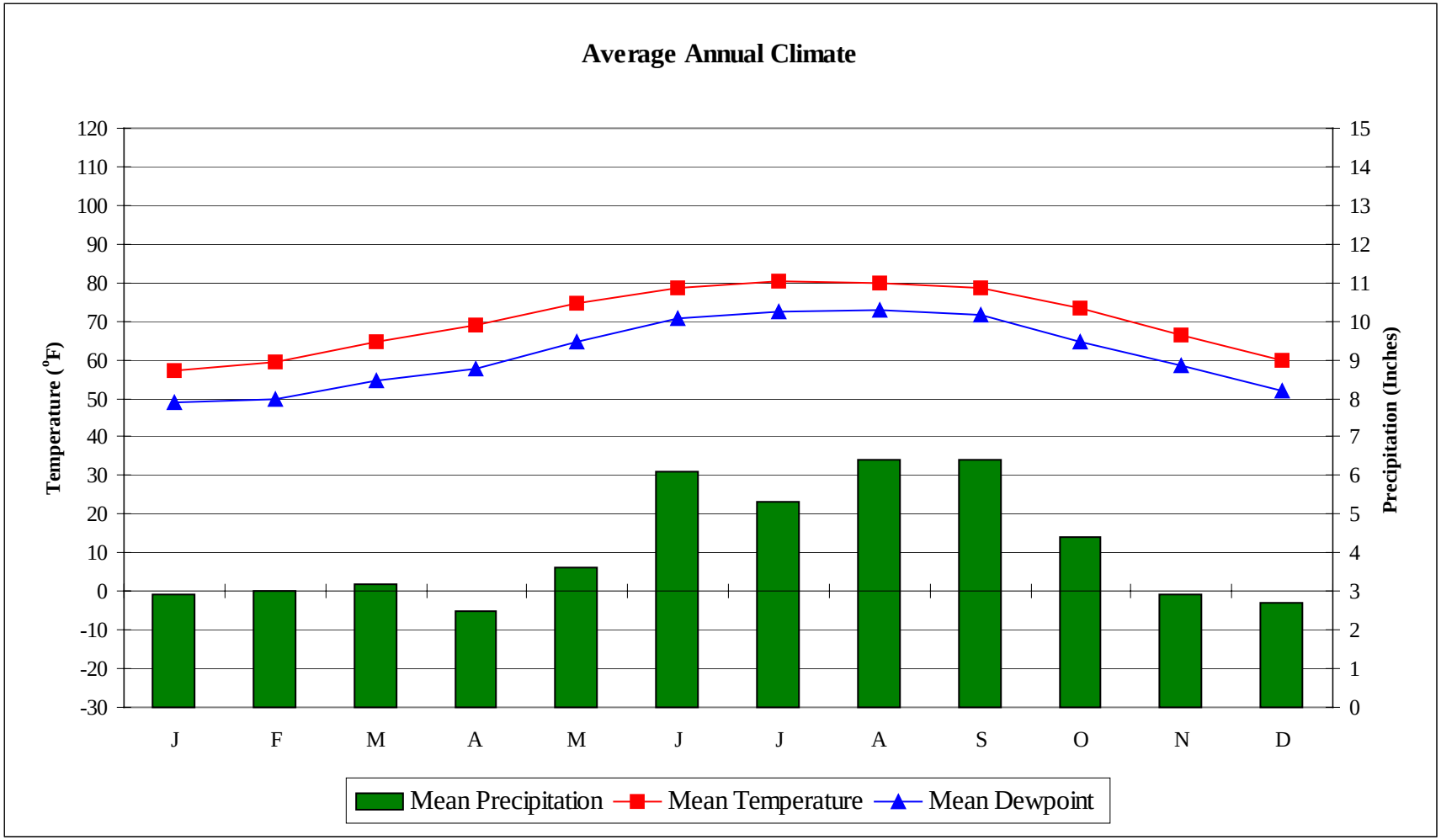
		Mean Coincident (Average) Values			
Dry Bulb Temperature (T)	**Design Value (^oF)**	Wet Bulb Temperature (^oF)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Median of Extreme Highs	97	78	113	11.5	WSW
0.4% Occurrence	92	77	118	10.2	W
1.0% Occurrence	90	77	120	10.3	E
2.0% Occurrence	89	77	121	10.4	E
Mean Daily Range	17	-	-	-	-
97.5% Occurrence	42	39	30	6.5	NW
99.0% Occurrence	37	34	24	6.3	NW
99.6% Occurrence	33	30	19	7.4	NW
Median of Extreme Lows	28	25	13	8.8	NW
		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	90	145	10.7	E
0.4% Occurrence	80	88	137	10.1	E
1.0% Occurrence	79	87	133	9.7	E
2.0% Occurrence	78	85	130	9.4	E
		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	8.9	E
0.4% Occurrence	141	84	0.94	8.6	E
1.0% Occurrence	140	84	0.94	8.5	E
2.0% Occurrence	135	83	0.90	8.2	E
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	30	1858	2460	4634

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	4.5	130	8.8 + 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 (#)**
72.6	0	0	3

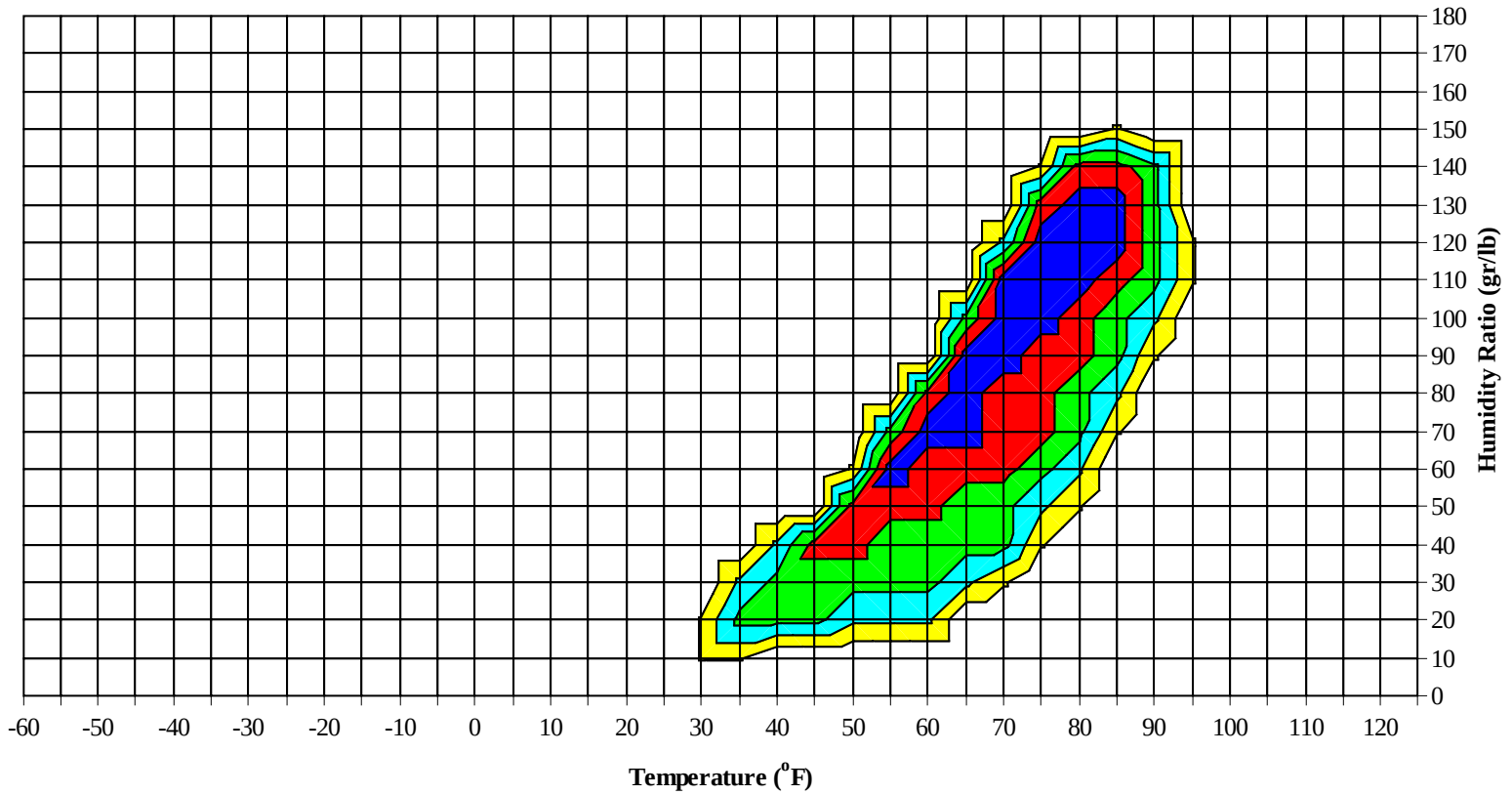
*Note: Temperatures at greater depths can be estimated by adding 1.5°F per 100 feet additional depth.

DAYTONA BEACH FL WMO No. 722056



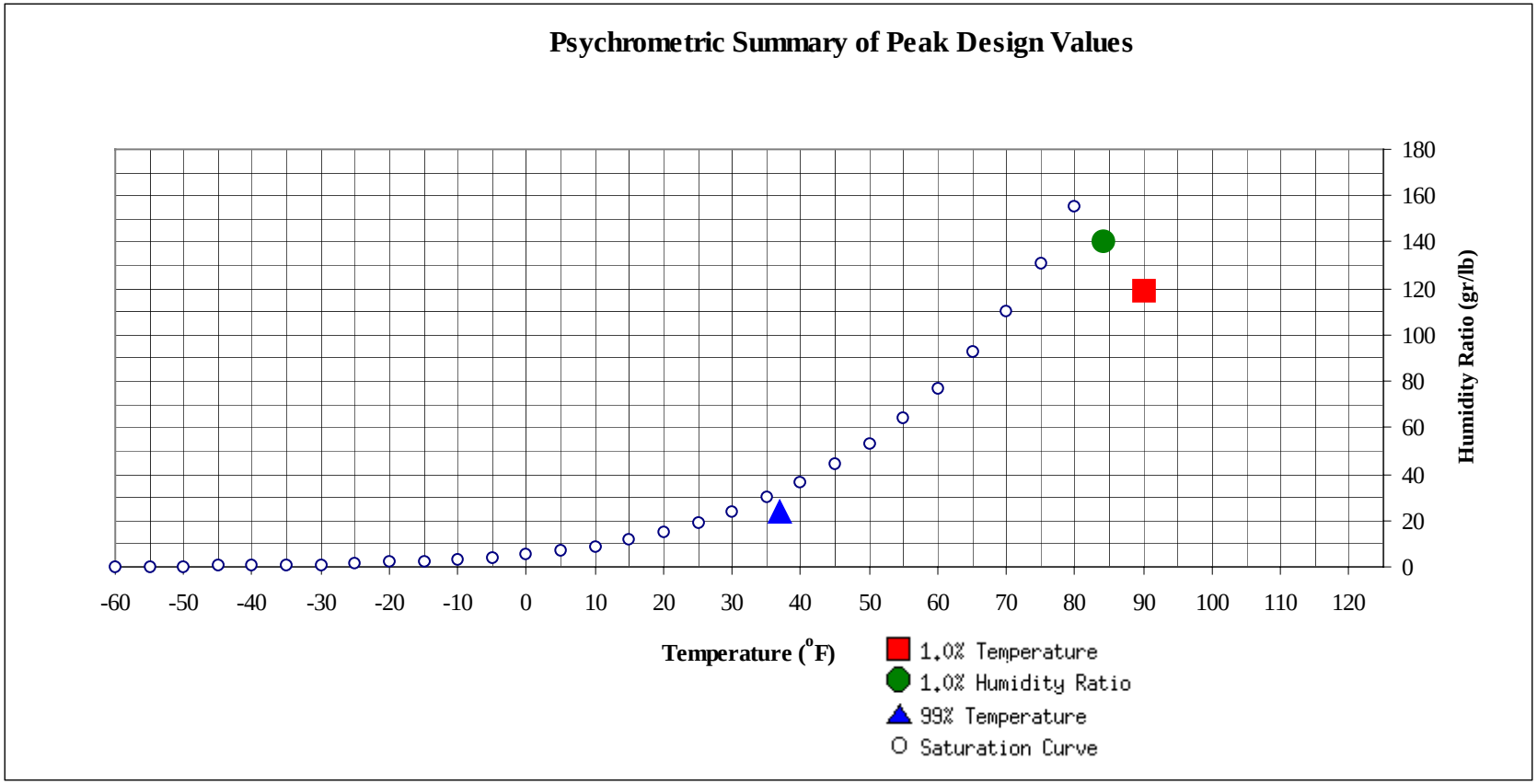
DAYTONA BEACH FL WMO No. 722056

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

DAYTONA BEACH FL WMO No. 722056



	(°F)	MCHR (gr/lb)	Enthalpy (btu/lb)
99% Dry Bulb	37	23.6	12.5

	(gr/lb)	MCDB (°F)	MCWB (°F)	MC Dewpt (°F)	Enthalpy (btu/lb)
1.0% Humidity Ratio	140	84.1	78.9	77	42.2

	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
1.0% Dry Bulb	90	118.7	77	40.3

DAYTONA BEACH FL WMO No. 722056

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)
95 / 99															
90 / 94												0		0	73.5
85 / 89		0		0	69.5		1	0	1	69.6		7	1	8	70.0
80 / 84		8	1	9	69.2		11	2	13	68.7		24	5	29	68.6
75 / 79		28	4	32	67.6		27	6	33	66.6	0	58	15	73	66.5
70 / 74	5	38	20	63	65.1	5	41	22	68	63.9	17	62	49	128	64.4
65 / 69	27	47	39	113	62.2	27	43	39	109	61.6	54	42	69	166	61.9
60 / 64	45	40	45	130	58.0	43	38	49	130	57.8	58	29	48	136	57.9
55 / 59	37	33	42	112	53.0	37	30	37	104	52.7	42	15	30	87	53.2
50 / 54	35	27	38	100	48.2	36	18	33	87	48.1	34	7	19	60	48.4
45 / 49	29	14	28	71	43.4	29	9	19	57	43.1	23	2	8	33	43.9
40 / 44	32	7	17	56	38.9	22	4	10	36	38.6	13	1	3	17	39.3
35 / 39	24	3	9	36	34.2	17	2	5	24	33.9	3	0	1	4	34.3
30 / 34	11	1	3	15	29.1	7	0	1	8	29.1	2	0	0	2	29.1
25 / 29	3	0	1	4	24.0	1			1	24.7	0		0	0	24.9
20 / 24	1	0	0	1	19.1										
15 / 19	0	0		0	14.3										

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.

DAYTONA BEACH FL WMO No. 722056

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)				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)
95 / 99							1	0	1	74.6	0	2	0	2	76.9
90 / 94		2	0	2	70.8		8	1	9	73.6	0	24	3	27	76.9
85 / 89		13	2	15	70.7		45	5	50	72.9	0	90	13	103	76.2
80 / 84	0	48	8	56	69.2	3	105	29	137	71.6	16	93	63	172	74.4
75 / 79	4	84	32	121	66.8	31	66	84	181	69.5	79	23	110	212	72.9
70 / 74	41	55	80	176	64.9	89	18	89	196	67.7	124	7	50	181	70.5
65 / 69	67	26	63	156	61.9	76	3	31	110	64.1	19	0	2	21	65.9
60 / 64	52	9	31	92	58.0	32	1	8	41	59.8	2		0	2	60.3
55 / 59	37	2	17	56	53.5	13	0	2	15	55.1	0		0	0	51.8
50 / 54	27	0	6	33	49.3	3		0	3	51.0	0			0	51.0
45 / 49	10	0	1	11	44.9	0			0	46.1					
40 / 44	2		0	2	40.4										
35 / 39	0			0	35.9										
30 / 34															
25 / 29															
20 / 24															
15 / 19															

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.

DAYTONA BEACH FL WMO No. 722056

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

Period of Record = 1973 to 1996

	July					August					September				
	Hour Group (LST)				MCWB	Hour Group (LST)				MCWB	Hour Group (LST)				MCWB
Temperature Range (°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)	01 To 08	09 To 16	17 To 00	Total Obs	(°F)
95 / 99		4	0	4	78.5		2	0	2	77.6		0		0	78.5
90 / 94		41	3	44	78.0		27	1	28	78.1		7	0	7	76.9
85 / 89	1	131	28	160	77.3	1	135	21	157	77.6	0	108	7	115	76.9
80 / 84	27	54	79	160	75.8	26	64	87	176	76.2	17	94	81	193	75.3
75 / 79	111	14	101	226	73.8	115	16	108	239	74.1	99	24	110	233	73.4
70 / 74	104	4	36	144	71.3	103	4	31	138	71.5	111	6	38	155	70.9
65 / 69	6	0	1	7	66.0	3	0	0	3	67.1	11	0	3	14	65.4
60 / 64	0			0	61.3						3	0	0	3	60.4
55 / 59											0		0	0	54.7
50 / 54											0			0	53.5
45 / 49															
40 / 44															
35 / 39															
30 / 34															
25 / 29															
20 / 24															
15 / 19															

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.

DAYTONA BEACH FL WMO No. 722056

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)
95 / 99															
90 / 94		1	0	1	75.7										
85 / 89		21	1	22	75.2		2		2	73.3		0		0	71.5
80 / 84	4	97	16	117	72.9		38	1	39	71.8		10	1	11	70.6
75 / 79	40	83	82	206	70.4	4	73	21	98	69.3		38	5	43	68.0
70 / 74	87	33	86	206	67.8	49	56	75	180	67.1	9	53	27	89	65.5
65 / 69	57	9	36	102	63.4	58	34	56	148	63.0	39	47	51	137	62.6
60 / 64	34	2	17	53	59.1	45	21	35	101	58.5	46	42	53	141	58.5
55 / 59	17	1	6	24	54.3	27	10	20	57	53.4	41	25	38	104	53.9
50 / 54	7	0	2	9	49.1	23	4	18	45	48.7	31	17	28	76	48.5
45 / 49	2		1	3	44.7	20	2	9	31	43.9	29	9	23	61	43.8
40 / 44	0		0	0	40.8	12	0	4	16	39.5	27	4	14	45	39.1
35 / 39						3	0	0	3	35.0	15	2	6	23	34.1
30 / 34						0		0	0	32.8	7	1	2	10	29.2
25 / 29											1	0	1	2	24.2
20 / 24											1	0	0	1	19.1
15 / 19															

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.

DAYTONA BEACH FL WMO No. 722056

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

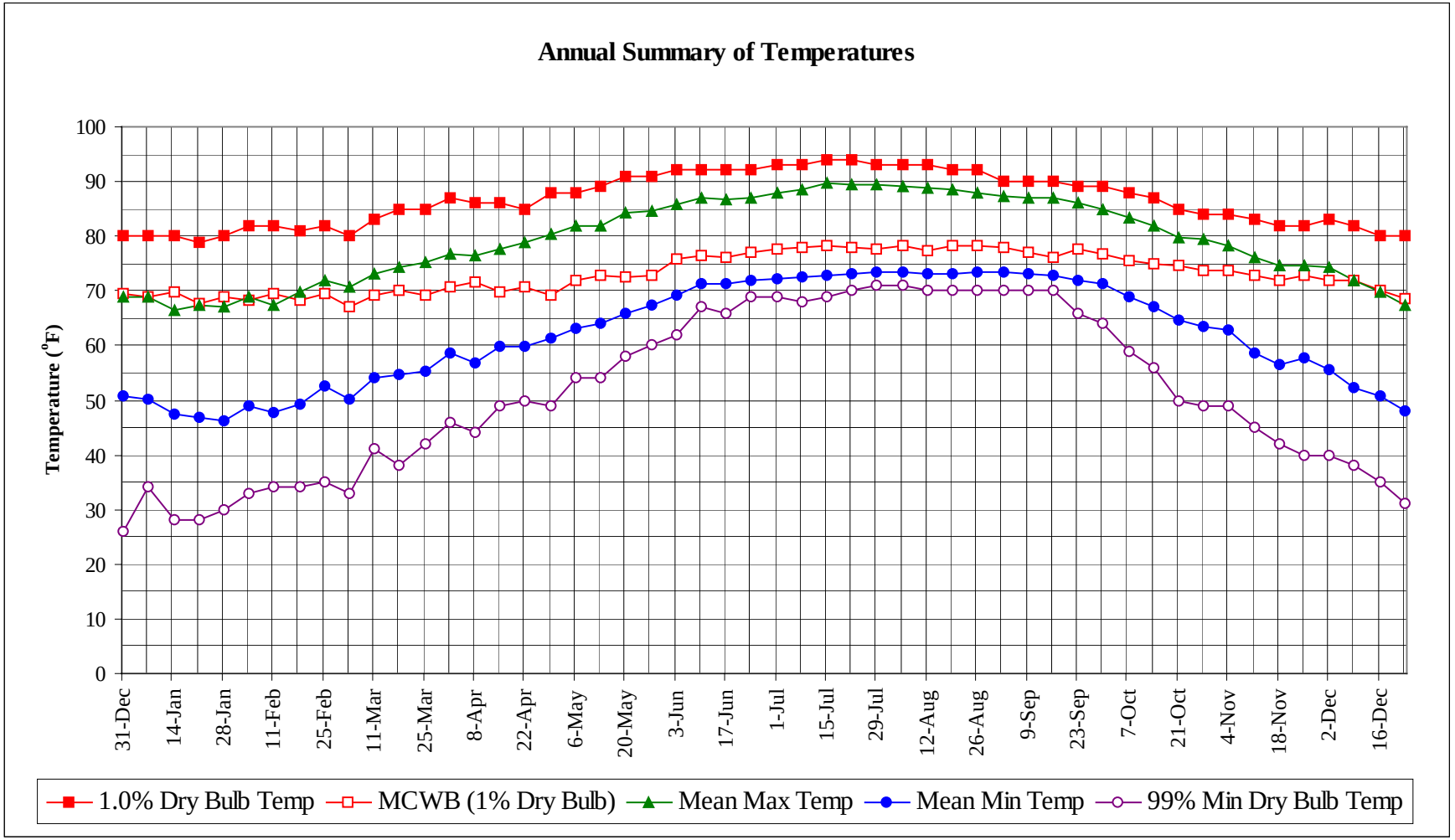
Period of Record = 1973 to 1996

Annual Totals

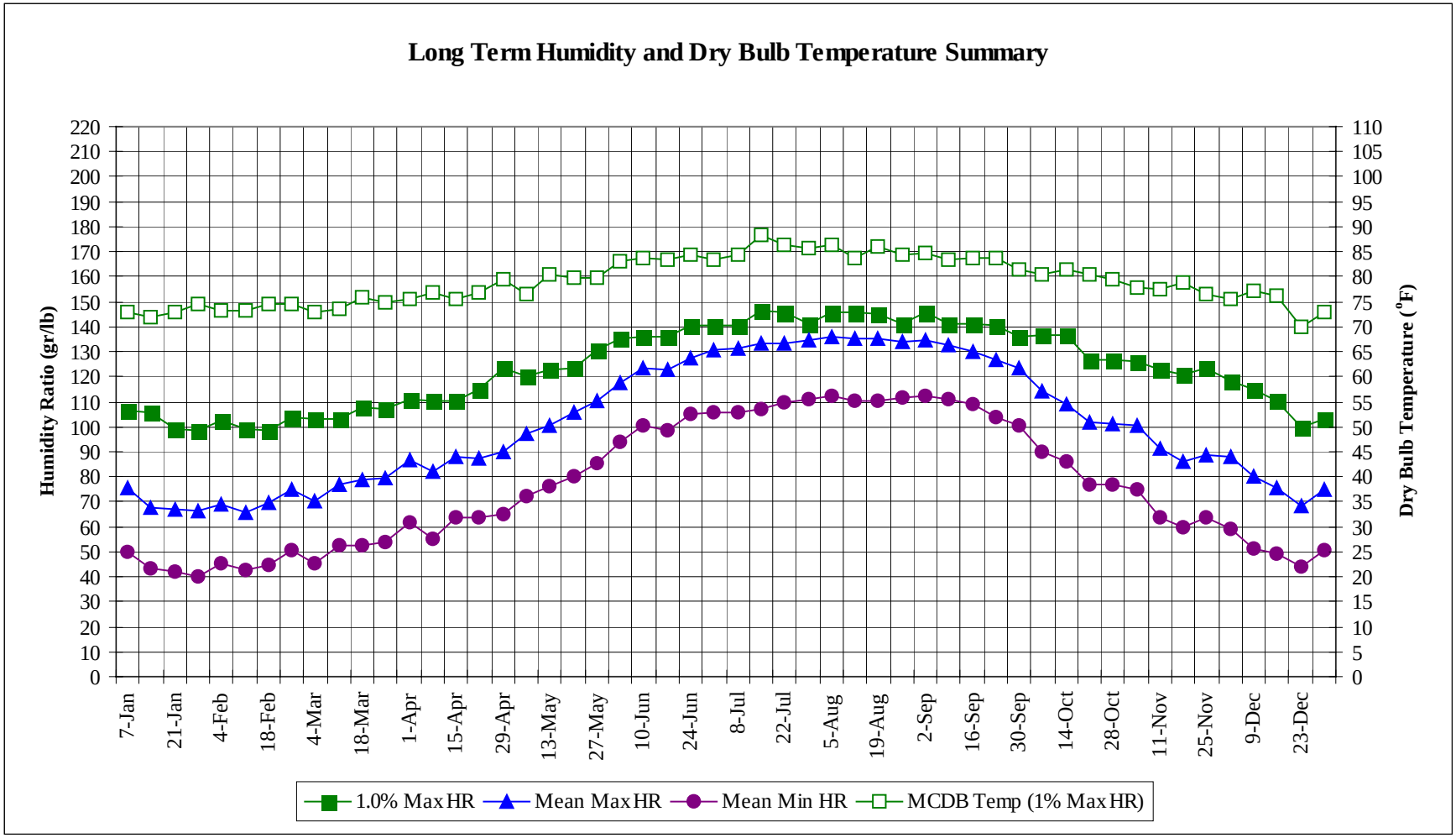
Temperature Range (°F)	Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)
95 / 99	0	8	0	8	77.7
90 / 94	0	110	9	119	77.3
85 / 89	2	552	78	632	76.4
80 / 84	93	644	372	1108	73.9
75 / 79	481	533	675	1689	71.3
70 / 74	742	380	599	1720	68.0
65 / 69	440	252	390	1082	62.6
60 / 64	360	183	288	831	58.3
55 / 59	252	118	196	566	53.3
50 / 54	198	75	146	420	48.4
45 / 49	144	37	90	271	43.6
40 / 44	110	17	49	176	39.0
35 / 39	64	7	21	92	34.1
30 / 34	27	2	6	35	29.1
25 / 29	6	1	2	9	24.2
20 / 24	2	0	0	2	19.1
15 / 19	0	0		0	14.3

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.

DAYTONA BEACH FL WMO No. 722056



DAYTONA BEACH FL WMO No. 722056

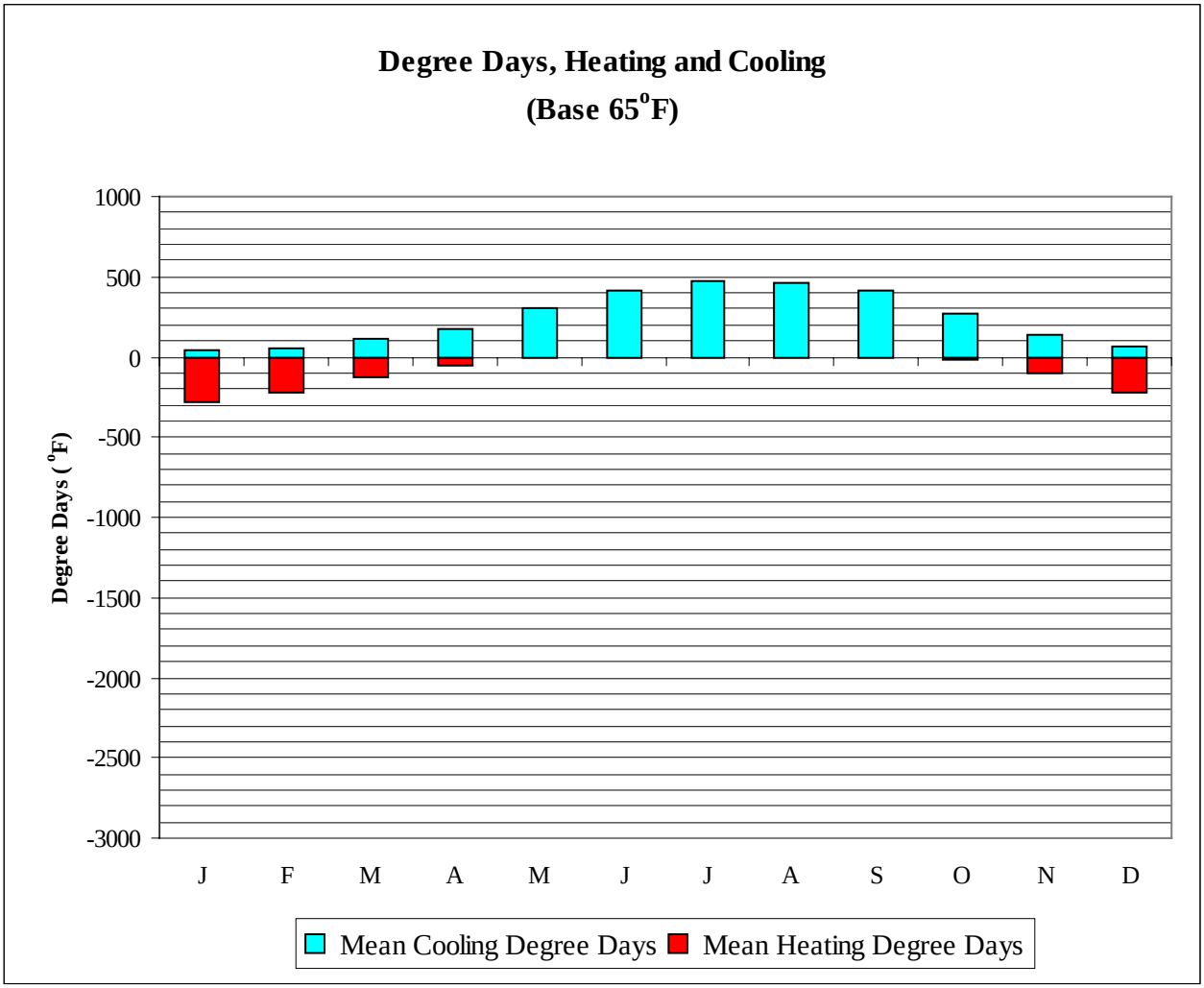


DAYTONA BEACH FL WMO No. 722056

Long Term Dry Bulb Temperature and Humidity Summary

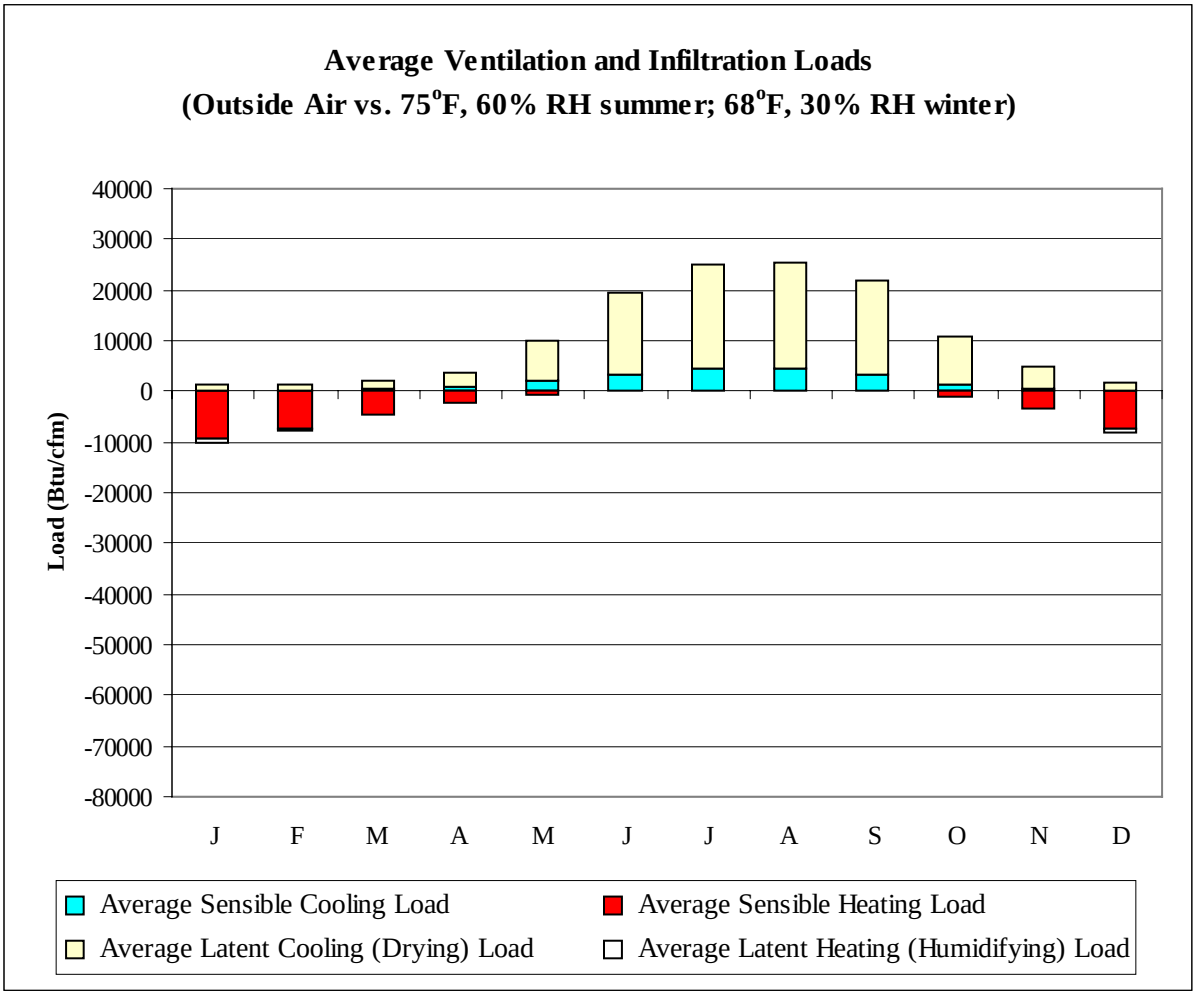
Week Ending	1.0% Temp (°F)	MCWB @ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB @ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	80.0	69.0	69.0	50.2	34.0	106.4	72.9	75.2	50.0
14-Jan	80.0	69.7	66.4	47.5	28.0	105.7	72.0	68.0	43.0
21-Jan	79.0	67.8	67.3	47.0	28.0	99.4	72.8	66.8	41.8
28-Jan	80.0	68.8	67.1	46.3	30.0	98.7	74.4	66.1	39.7
4-Feb	82.0	68.2	68.8	48.9	33.0	102.2	73.2	69.1	45.0
11-Feb	82.0	69.6	67.3	47.7	34.0	99.4	73.4	65.9	42.4
18-Feb	81.0	68.4	69.7	49.3	34.0	98.7	74.6	69.3	44.6
25-Feb	82.0	69.6	71.9	52.7	35.0	103.6	74.5	75.1	50.8
4-Mar	80.0	67.1	70.7	50.1	33.0	102.9	73.1	70.4	45.2
11-Mar	83.0	69.3	73.0	54.2	41.0	102.9	73.7	76.7	52.4
18-Mar	85.0	70.2	74.3	54.8	38.0	107.8	75.8	78.7	52.8
25-Mar	85.0	69.2	75.2	55.3	42.0	107.1	74.8	79.5	53.7
1-Apr	87.0	70.8	76.7	58.7	46.0	111.3	75.5	86.9	61.9
8-Apr	86.0	71.6	76.4	56.7	44.0	110.6	76.8	81.8	54.9
15-Apr	86.0	69.9	77.6	59.9	49.0	110.6	75.5	87.7	63.4
22-Apr	85.0	70.6	78.8	59.8	50.0	114.8	76.9	87.3	63.7
29-Apr	88.0	69.1	80.3	61.5	49.0	123.2	79.3	90.3	65.3
6-May	88.0	71.9	81.9	63.0	54.0	120.4	76.5	97.0	71.9
13-May	89.0	72.7	82.0	64.0	54.0	122.5	80.6	100.5	75.9
20-May	91.0	72.5	84.4	66.0	58.0	123.2	79.9	105.8	80.1
27-May	91.0	72.7	84.7	67.5	60.0	130.9	79.8	110.5	85.5
3-Jun	92.0	75.9	85.9	69.3	62.0	135.1	83.2	117.5	93.9
10-Jun	92.0	76.6	87.1	71.4	67.0	135.8	83.8	123.2	100.2
17-Jun	92.0	76.2	86.6	71.2	66.0	135.8	83.6	122.8	98.4
24-Jun	92.0	77.2	87.0	71.9	69.0	140.7	84.5	127.7	105.1
1-Jul	93.0	77.8	88.0	72.3	69.0	140.7	83.5	130.5	105.6
8-Jul	93.0	78.0	88.6	72.4	68.0	140.7	84.3	131.5	105.4
15-Jul	94.0	78.3	89.9	72.7	69.0	146.3	88.3	133.0	107.1
22-Jul	94.0	78.0	89.3	73.2	70.0	145.6	86.2	133.6	109.8
29-Jul	93.0	77.6	89.4	73.4	71.0	141.4	85.7	134.6	110.8
5-Aug	93.0	78.1	89.2	73.5	71.0	145.6	86.3	135.8	112.1
12-Aug	93.0	77.3	88.7	73.1	70.0	145.6	83.9	135.0	110.3
19-Aug	92.0	78.3	88.5	73.0	70.0	144.9	86.0	135.5	110.5
26-Aug	92.0	78.2	87.9	73.5	70.0	141.4	84.5	133.8	111.4
2-Sep	90.0	77.9	87.2	73.4	70.0	145.6	84.7	134.4	112.6
9-Sep	90.0	77.0	87.1	73.2	70.0	141.4	83.3	132.9	111.3
16-Sep	90.0	76.3	86.9	72.8	70.0	141.4	83.7	129.9	108.8
23-Sep	89.0	77.7	86.0	72.0	66.0	140.7	83.6	126.8	104.1
30-Sep	89.0	76.8	84.9	71.2	64.0	135.8	81.3	123.3	100.5
7-Oct	88.0	75.5	83.3	68.8	59.0	136.5	80.5	114.1	89.7
14-Oct	87.0	74.9	81.8	67.2	56.0	136.5	81.6	108.9	86.2
21-Oct	85.0	74.6	79.9	64.8	50.0	126.7	80.4	101.6	76.8
28-Oct	84.0	73.7	79.5	63.5	49.0	126.7	79.4	100.9	77.0
4-Nov	84.0	73.8	78.3	62.8	49.0	126.0	77.7	100.3	74.8
11-Nov	83.0	72.8	76.2	58.8	45.0	122.5	77.5	91.3	63.9
18-Nov	82.0	71.9	74.6	56.5	42.0	121.1	78.8	85.7	59.9
25-Nov	82.0	72.7	74.5	57.6	40.0	123.2	76.5	88.8	63.8
2-Dec	83.0	72.0	74.3	55.5	40.0	118.3	75.5	87.7	58.8
9-Dec	82.0	72.0	72.0	52.3	38.0	114.8	77.3	79.9	51.4
16-Dec	80.0	70.0	69.9	50.6	35.0	110.6	76.0	75.8	49.2
23-Dec	80.0	68.4	67.3	47.9	31.0	100.1	70.0	68.5	44.3
31-Dec	80.0	69.4	68.9	50.8	26.0	102.9	72.8	75.0	50.7

DAYTONA BEACH FL WMO No. 722056



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	47	286
FEB	53	216
MAR	111	125
APR	175	56
MAY	309	11
JUN	408	0
JUL	472	0
AUG	463	0
SEP	413	0
OCT	274	21
NOV	139	96
DEC	64	227
ANN	2928	1038

DAYTONA BEACH FL WMO No. 722056



	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	115	-9295	1132	-747
FEB	161	-7231	963	-533
MAR	426	-4583	1848	-179
APR	806	-2264	2904	-34
MAY	2110	-572	7933	0
JUN	3479	-31	15994	0
JUL	4563	-5	20399	0
AUG	4286	0	21253	0
SEP	3457	-34	18237	0
OCT	1506	-953	9307	-2
NOV	451	-3485	4514	-97
DEC	144	-7560	1658	-468
ANN	21504	-36013	106142	-2060

Average Annual Solar Radiation – Nearest Available Site

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

City: DAYTONA BEACH
State: FL
WBAN No: 12834
Lat(N): 29.18
Long(W): 81.05
Elev(ft): 39

Stn Type: Primary
SHADING GEOMETRY IN DIMENSIONLESS UNITS
Window: 1
Overhang: 0.844
Vert Gap: 0.643

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	990	1220	1580	1950	2040	1940	1910	1800	1560	1320	1070	910	1530
	Std Dev	82	80	104	94	124	121	107	122	96	78	68	69	44
	Minimum	860	1010	1320	1770	1690	1720	1750	1510	1350	1120	930	750	1440
	Maximum	1160	1390	1730	2160	2220	2220	2070	2010	1760	1500	1170	1020	1630
	Diffuse	420	500	610	690	820	910	910	850	750	580	440	390	660
Clear Day	Global	1330	1640	2010	2340	2510	2540	2490	2330	2050	1680	1350	1210	1960
NORTH	Global	270	330	390	470	570	630	600	510	430	360	290	260	430
	Diffuse	270	330	390	450	510	540	530	480	430	360	290	260	400
Clear Day	Global	240	290	360	440	590	700	640	490	400	330	260	230	420
EAST	Global	610	740	900	1070	1090	1050	1060	1020	890	790	670	570	870
	Diffuse	330	400	490	570	620	640	650	620	550	450	360	310	500
Clear Day	Global	870	1030	1190	1310	1340	1330	1300	1250	1160	1020	870	800	1120
SOUTH	Global	1240	1220	1130	910	670	580	610	750	940	1150	1260	1220	970
	Diffuse	440	480	530	540	530	530	530	550	570	530	470	430	510
Clear Day	Global	1990	1870	1530	1040	710	590	630	890	1300	1680	1880	1940	1340
WEST	Global	610	740	910	1070	1050	940	930	900	840	750	640	560	830
	Diffuse	340	400	490	570	620	630	620	590	540	450	360	310	490
Clear Day	Global	870	1030	1190	1310	1340	1330	1300	1250	1160	1020	870	800	1120

Average Annual Solar Heat and Illumination – Nearest Available Site

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

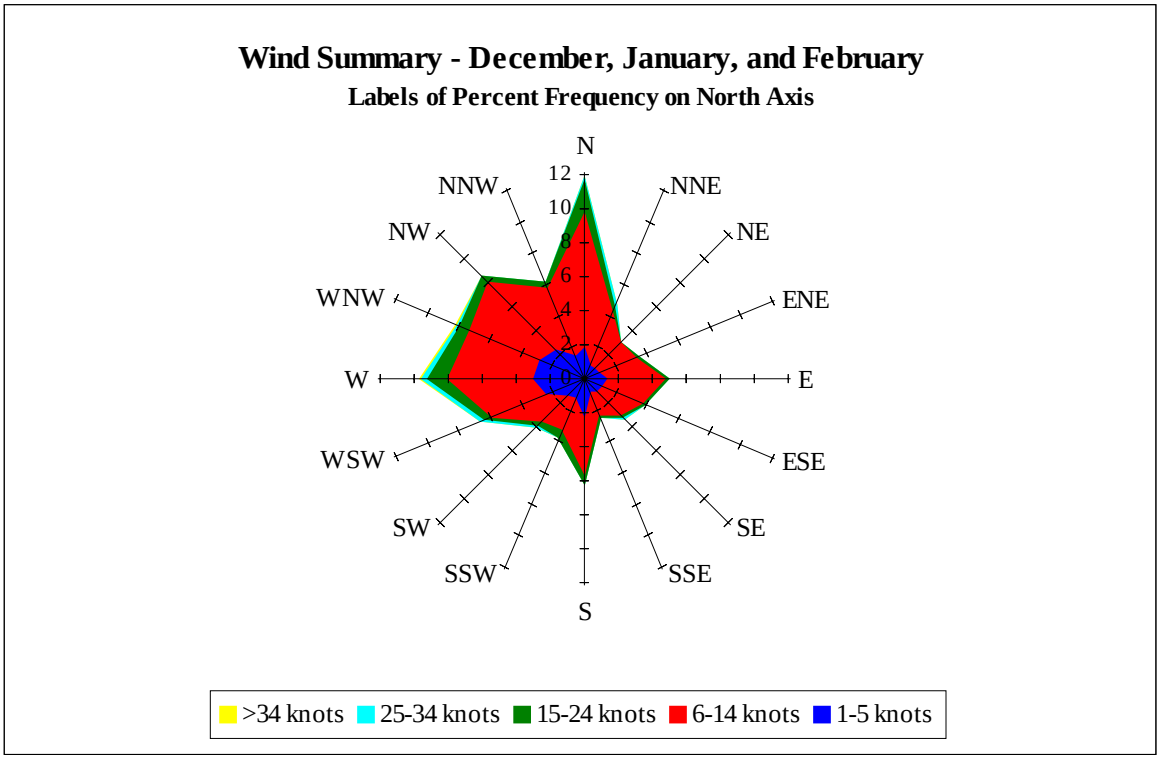
AVERAGE TRANSMITTED SOLAR RADIATION (Btu/sq.ft./day) FOR DOUBLE GLAZING, Percentage Uncertainty = 9

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ	Unshaded	680	860	1140	1430	1490	1410	1390	1300	1130	940	740	620	1100
NORTH	Unshaded	190	230	270	320	370	400	390	340	300	250	200	180	290
	Shaded	170	200	240	290	330	350	340	300	260	220	180	160	250
EAST	Unshaded	430	520	640	770	770	740	760	730	630	550	470	400	620
	Shaded	370	450	550	640	640	610	630	610	530	470	410	350	520
SOUTH	Unshaded	910	870	740	540	400	370	380	450	600	800	920	910	660
	Shaded	860	710	430	330	330	320	330	340	350	580	840	880	520
WEST	Unshaded	430	520	650	760	740	660	650	640	590	530	450	390	580
	Shaded	370	450	550	640	610	540	540	530	490	450	380	340	490

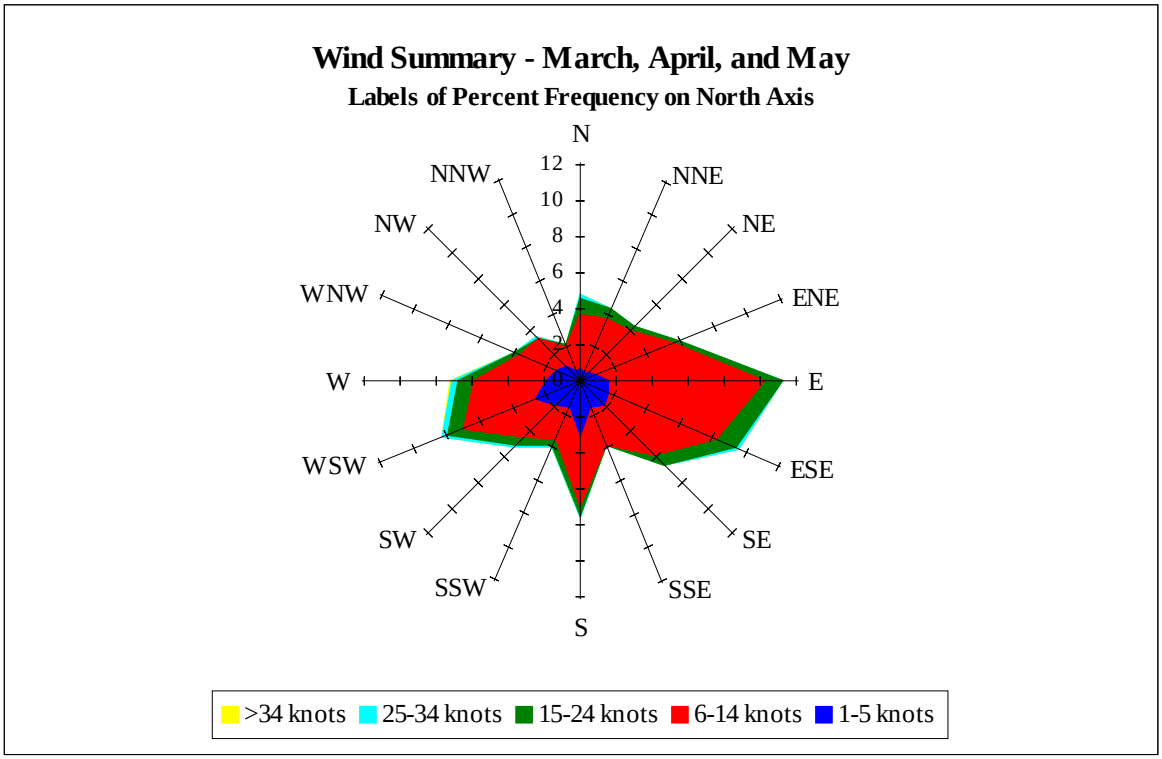
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS, Percentage Uncertainty = 9

		March					June				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	37	78	93	79	39	34	77	102	101	74
	M.Cloudy	25	54	65	57	27	25	59	80	75	49
NORTH	M.Clear	10	15	16	15	10	23	19	18	18	20
	M.Cloudy	10	17	19	17	10	16	19	20	20	18
EAST	M.Clear	73	66	18	15	10	61	74	41	18	17
	M.Cloudy	33	41	19	17	10	34	52	35	20	16
SOUTH	M.Clear	29	59	71	60	31	11	17	28	28	17
	M.Cloudy	17	38	47	41	19	10	18	26	25	16
WEST	M.Clear	10	15	16	63	74	11	17	18	46	76
	M.Cloudy	10	17	19	43	36	10	18	20	37	43
M.Clear	(% hrs)	41	42	40	39	41	42	32	29	30	27

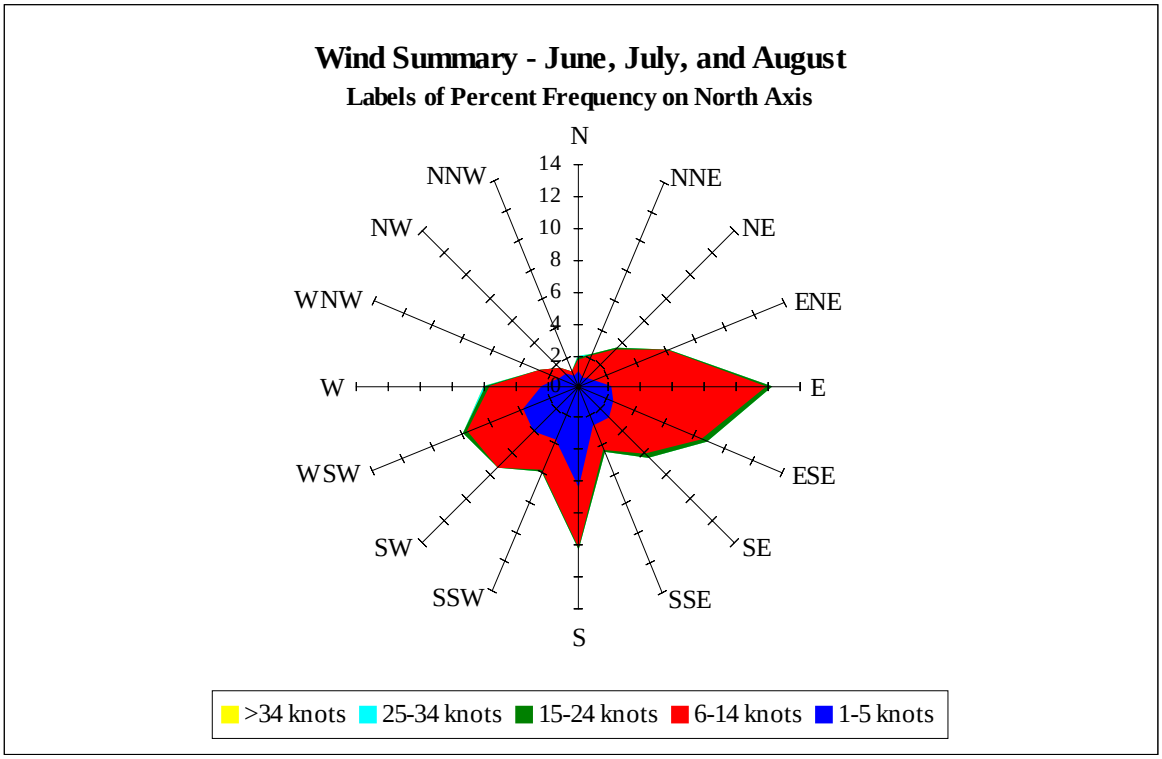
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	21	65	91	89	59	20	53	65	48	13
	M.Cloudy	16	49	70	67	40	13	35	43	32	9
NORTH	M.Clear	8	16	18	18	15	7	12	13	11	5
	M.Cloudy	7	16	20	19	14	6	13	15	12	4
EAST	M.Clear	46	72	40	18	15	50	50	13	11	5
	M.Cloudy	24	47	33	19	14	18	27	15	12	4
SOUTH	M.Clear	12	41	60	59	37	39	78	88	72	27
	M.Cloudy	9	31	46	44	24	15	37	46	36	11
WEST	M.Clear	8	16	18	48	74	7	12	17	53	38
	M.Cloudy	7	16	20	37	40	6	13	16	29	14
M.Clear	(% hrs)	41	31	27	27	30	39	40	36	37	39



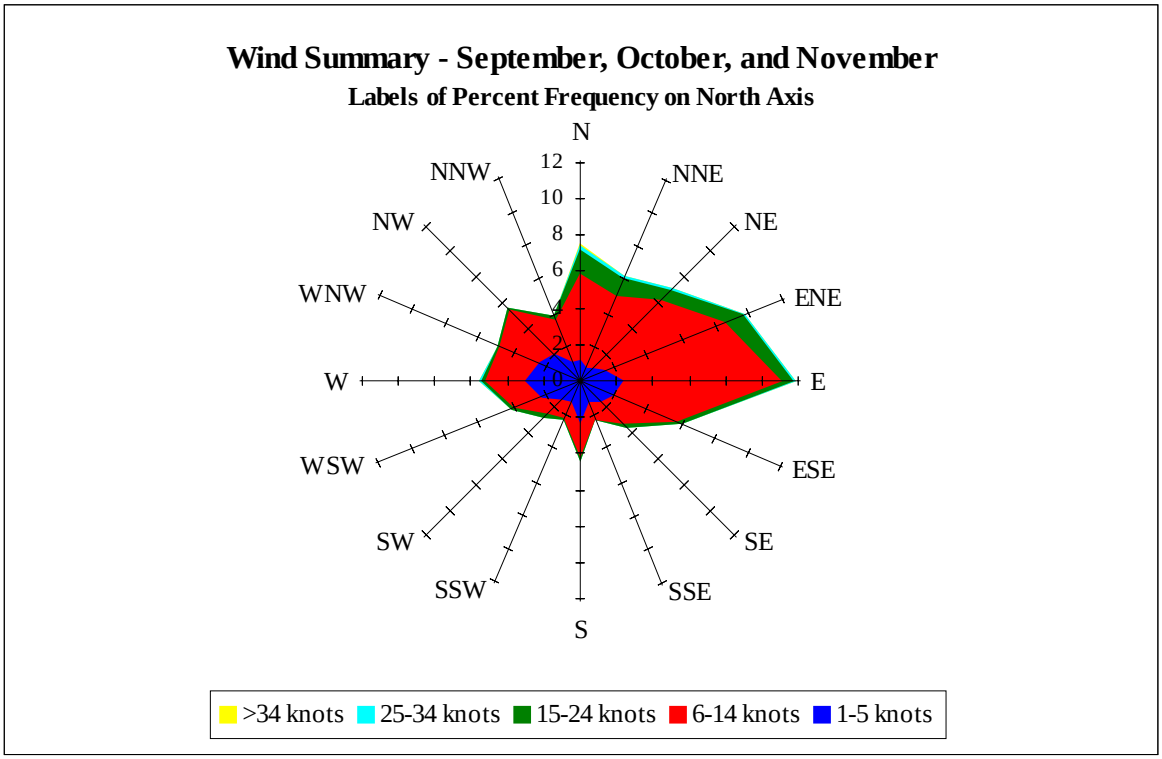
Percent Calm = 10.47



Percent Calm = 8.56



Percent Calm = 13.03



Percent Calm = 13.64