FORT POLK LA	
Latitude = 31.05 N	WMO No. 722390
Longitude = 93.20 W	Elevation = 328 feet
Period of Record = 1967 to 1996	Average Pressure = 29.66 inches Hg

Design Criteria Data

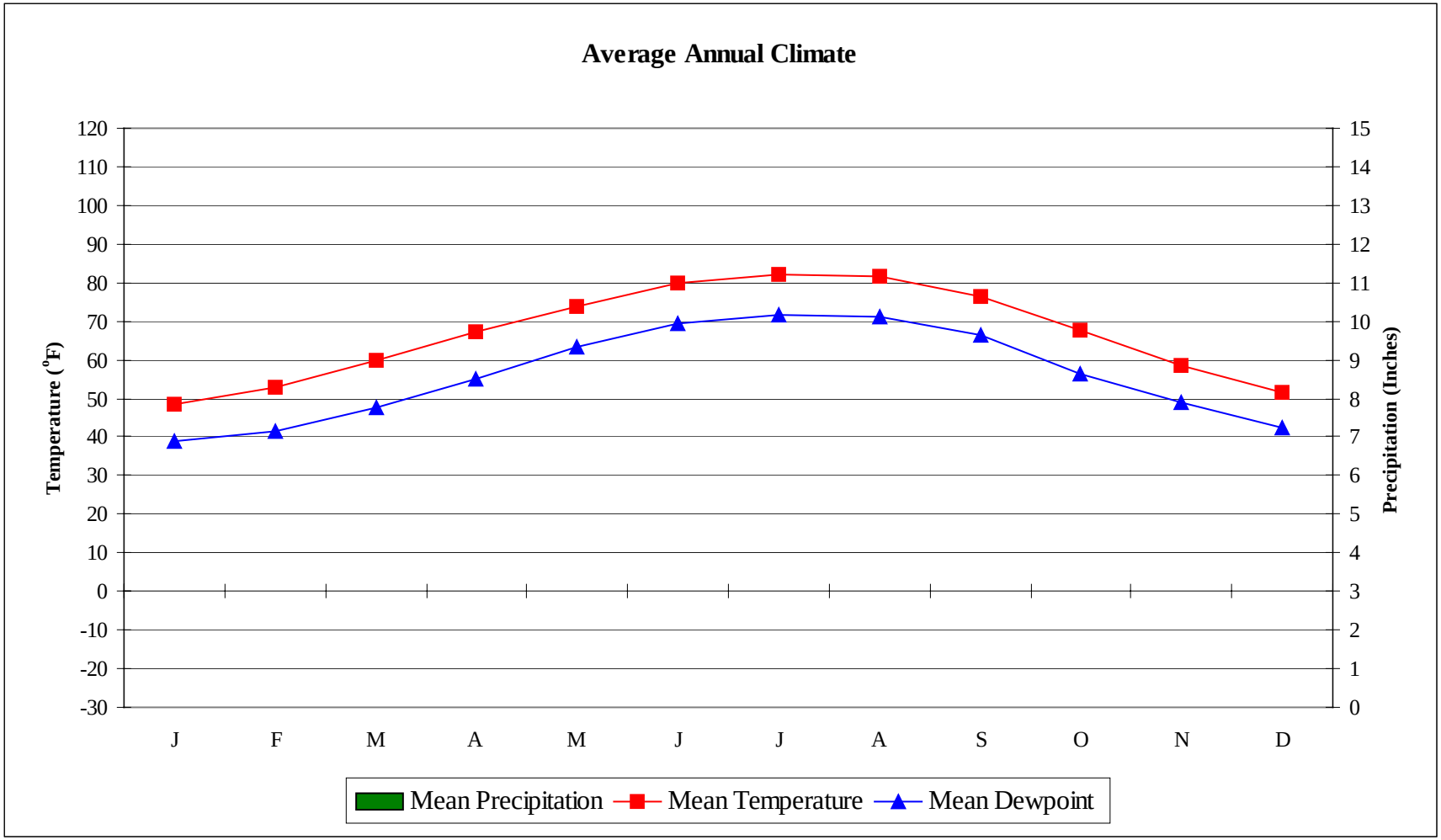
		Mean Coincident (Average) Values			
Dry Bulb Temperature (T)	**Design Value (^oF)**	Wet Bulb Temperature (^oF)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Median of Extreme Highs	97	77	111	3.9	S
0.4% Occurrence	95	77	111	4.4	S
1.0% Occurrence	94	77	111	4.5	S
2.0% Occurrence	92	76	112	4.8	S
Mean Daily Range	18	-	-	-	-
97.5% Occurrence	35	32	22	4.6	N
99.0% Occurrence	30	28	17	4.8	N
99.6% Occurrence	26	24	14	5.0	N
Median of Extreme Lows	22	20	11	6.1	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	81	90	141	5.3	S
0.4% Occurrence	80	89	136	4.9	S
1.0% Occurrence	79	88	132	4.8	S
2.0% Occurrence	78	87	128	4.8	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	152	83	1.00	3.8	S
0.4% Occurrence	143	83	0.94	4.1	S
1.0% Occurrence	137	82	0.90	3.9	S
2.0% Occurrence	134	82	0.88	5.9	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	152	1834	2128	3820

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	90	5.1 + 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 (#)
69.4	0	5	12

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

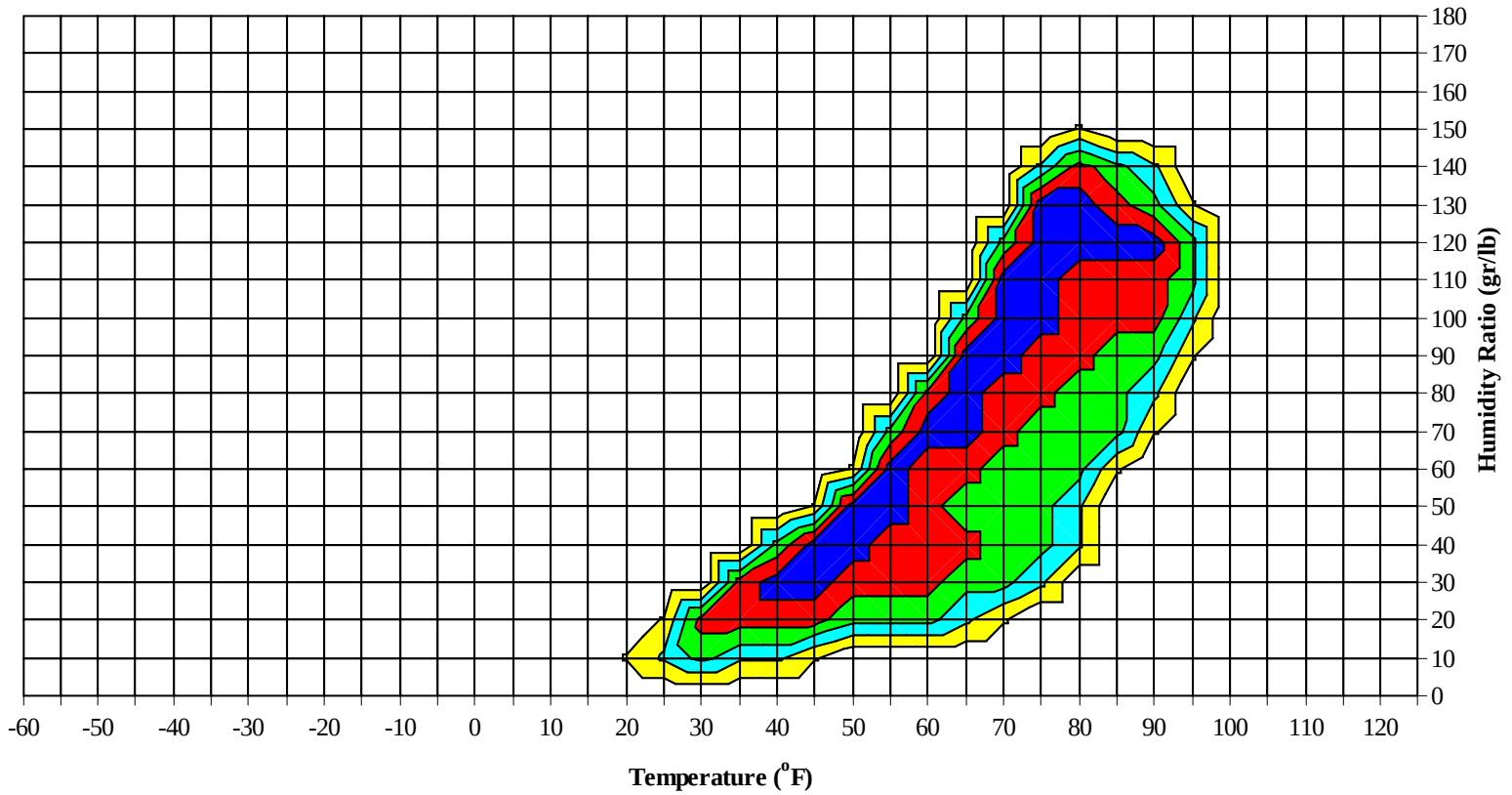
FORT POLK **LA** WMO No. 722390



No Precipitation Data Available

FORT POLK LA WMO No. 722390

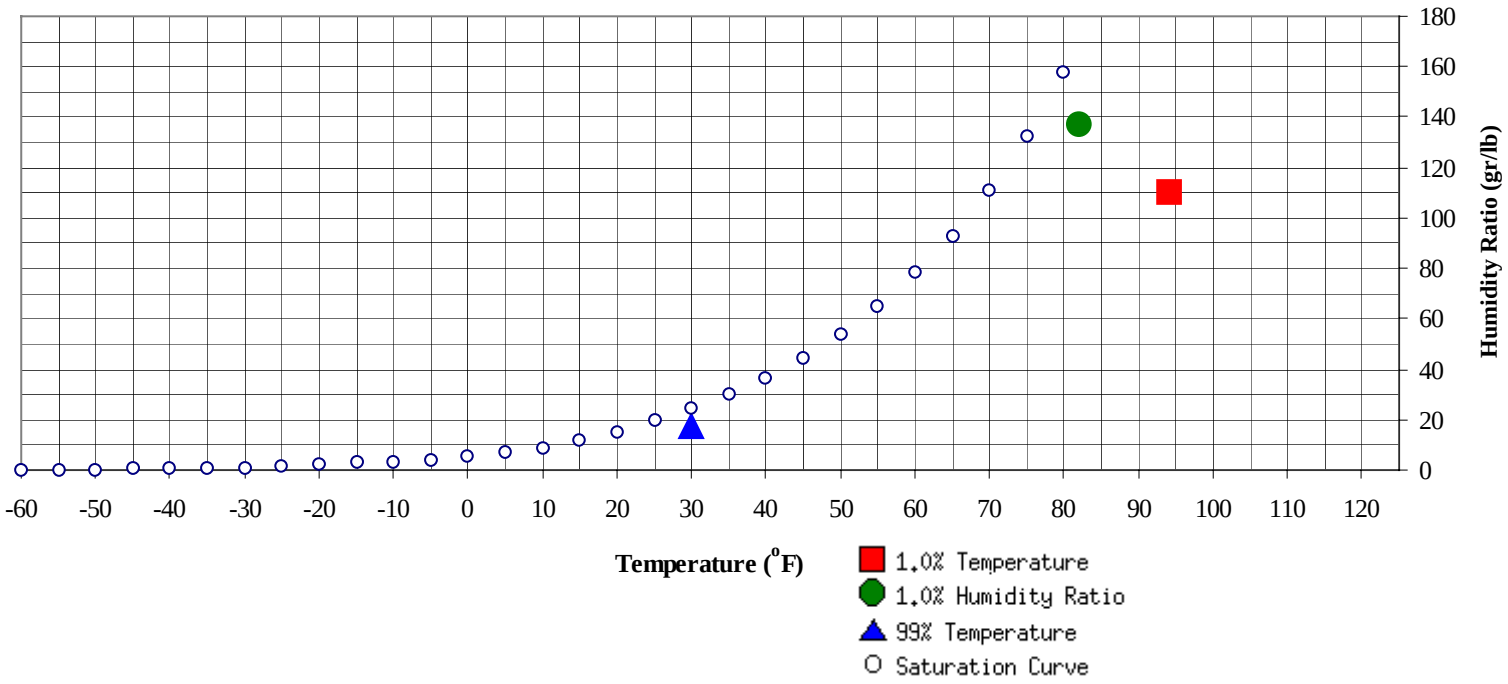
Long Term Psychrometric Summary



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

FORT POLK **LA** WMO No. 722390

Psychrometric Summary of Peak Design Values



	(°F)	MCHR (gr/lb)	Enthalpy (btu/lb)
99% Dry Bulb	30	17.5	9.9

	(gr/lb)	MCDB (°F)	MCWB (°F)	MC Dewpt (°F)	Enthalpy (btu/lb)
1.0% Humidity Ratio	137.2	82.1	77.6	75.9	41.2

	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
1.0% Dry Bulb	94	110.4	76.6	40.0

FORT POLK LA WMO No. 722390

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

Period of Record = 1967 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							0	0	0	60.8		1	0	1	67.3
80 / 84							2	0	2	64.5		10	2	12	65.8
75 / 79		3	0	3	66.7		7	2	10	63.1		30	11	42	64.6
70 / 74	1	16	3	20	64.1	2	24	14	40	62.6	10	47	33	90	63.1
65 / 69	10	24	18	52	61.2	11	34	23	68	59.6	28	47	46	121	60.0
60 / 64	12	30	24	66	56.4	21	34	32	87	55.9	38	41	48	127	55.8
55 / 59	20	33	29	82	51.4	24	31	39	95	51.4	43	30	42	116	51.5
50 / 54	28	35	39	103	47.3	33	30	34	98	46.9	39	19	31	89	47.1
45 / 49	39	36	42	117	42.8	39	25	31	94	42.5	38	11	17	66	42.9
40 / 44	42	33	43	117	38.3	34	17	25	77	38.0	27	8	13	47	38.8
35 / 39	44	21	30	96	33.7	29	10	14	52	33.8	17	2	3	23	34.1
30 / 34	33	11	12	56	29.3	19	6	6	30	29.3	7	1	1	9	29.7
25 / 29	12	5	6	23	24.7	8	3	3	14	25.3	2	0	0	2	24.3
20 / 24	4	1	1	6	20.0	2	1	1	4	20.7	0			0	23.0
15 / 19	2	0		2	15.2	1	0	0	1	16.7					
10 / 14	0			0	11.7	0			0	14.0					
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.

FORT POLK LA WMO No. 722390

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

Period of Record = 1967 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	81.6
95 / 99							1	0	1	73.8		6	1	7	78.4
90 / 94		0	0	0	64.2		9	1	10	74.6		52	15	67	75.7
85 / 89		7	1	9	69.0		49	14	63	72.7	1	85	34	121	74.7
80 / 84		41	11	52	68.2	2	73	34	110	70.7	21	56	52	129	73.9
75 / 79	2	61	32	96	66.1	28	61	63	152	69.6	80	29	80	190	72.6
70 / 74	35	55	57	147	64.8	77	34	72	183	67.6	101	10	49	161	70.0
65 / 69	51	37	55	143	61.4	76	15	42	134	63.9	27	2	7	36	64.8
60 / 64	50	20	39	109	57.1	39	5	16	60	58.7	7	0	1	8	59.4
55 / 59	40	12	22	74	52.1	20	1	5	25	54.4	2		0	2	56.5
50 / 54	36	5	16	57	47.6	5	0	1	6	49.8	0			0	53.3
45 / 49	16	1	5	22	43.7	1			1	45.2					
40 / 44	8	0	2	10	39.9										
35 / 39	3		0	3	35.5										
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.

FORT POLK LA WMO No. 722390

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

Period of Record = 1967 to 1996

Temperature Range (°F)	July Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)	August Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)	September Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)
100 / 104		2	0	2	79.0		1	0	1	75.9					
95 / 99		15	3	18	77.7		15	3	18	76.9		4	0	4	76.3
90 / 94		81	24	105	76.7		76	19	96	76.6		29	5	34	75.1
85 / 89	1	85	38	124	76.2	1	87	36	124	75.9	0	70	19	89	74.2
80 / 84	36	45	72	152	75.5	29	47	76	152	75.3	5	61	42	109	72.8
75 / 79	129	16	85	231	73.8	120	18	85	223	73.7	51	41	80	172	71.7
70 / 74	77	4	25	106	70.9	83	4	26	114	70.7	99	22	59	180	68.7
65 / 69	5	1	1	7	65.9	11	0	2	14	64.8	42	9	19	70	63.0
60 / 64	0			0	62.0	3		0	3	59.2	23	3	10	36	58.2
55 / 59						0			0	58.0	13	1	5	18	53.7
50 / 54											6		1	7	50.0
45 / 49											1			1	46.5
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.

FORT POLK LA WMO No. 722390

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

Period of Record = 1967 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		2		2	71.6										
85 / 89		20	2	22	72.0		0		0	71.4					
80 / 84	0	48	10	58	69.6		9	0	9	69.9		0		0	72.0
75 / 79	10	56	35	102	67.8	1	29	7	36	68.1	1	7	2	10	70.0
70 / 74	43	51	58	151	65.7	23	39	30	92	66.3	5	25	12	43	66.3
65 / 69	43	37	46	126	61.3	24	39	34	98	61.5	19	30	24	73	62.4
60 / 64	43	19	41	103	57.2	24	38	36	98	56.5	22	37	28	87	56.9
55 / 59	44	10	31	85	53.0	34	35	39	108	51.8	24	40	31	95	51.7
50 / 54	37	4	18	59	48.5	39	27	38	103	47.3	25	36	34	95	47.0
45 / 49	20	1	6	26	44.5	36	15	27	78	43.1	34	30	41	105	42.8
40 / 44	6	0	1	7	40.1	28	7	19	53	38.7	43	23	37	102	38.7
35 / 39	1	0	0	1	35.5	21	3	9	32	34.8	37	13	20	70	34.3
30 / 34	1		0	1	30.4	8	0	2	10	30.8	22	5	11	38	29.6
25 / 29	0			0	27.0	2	0	0	2	26.0	9	2	4	15	24.7
20 / 24						0		0	0	20.6	4	1	1	6	19.4
15 / 19											2	1	1	4	15.2
10 / 14											1	0	0	1	10.7
5 / 9											0			0	6.3

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.

FORT POLK LA WMO No. 722390

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

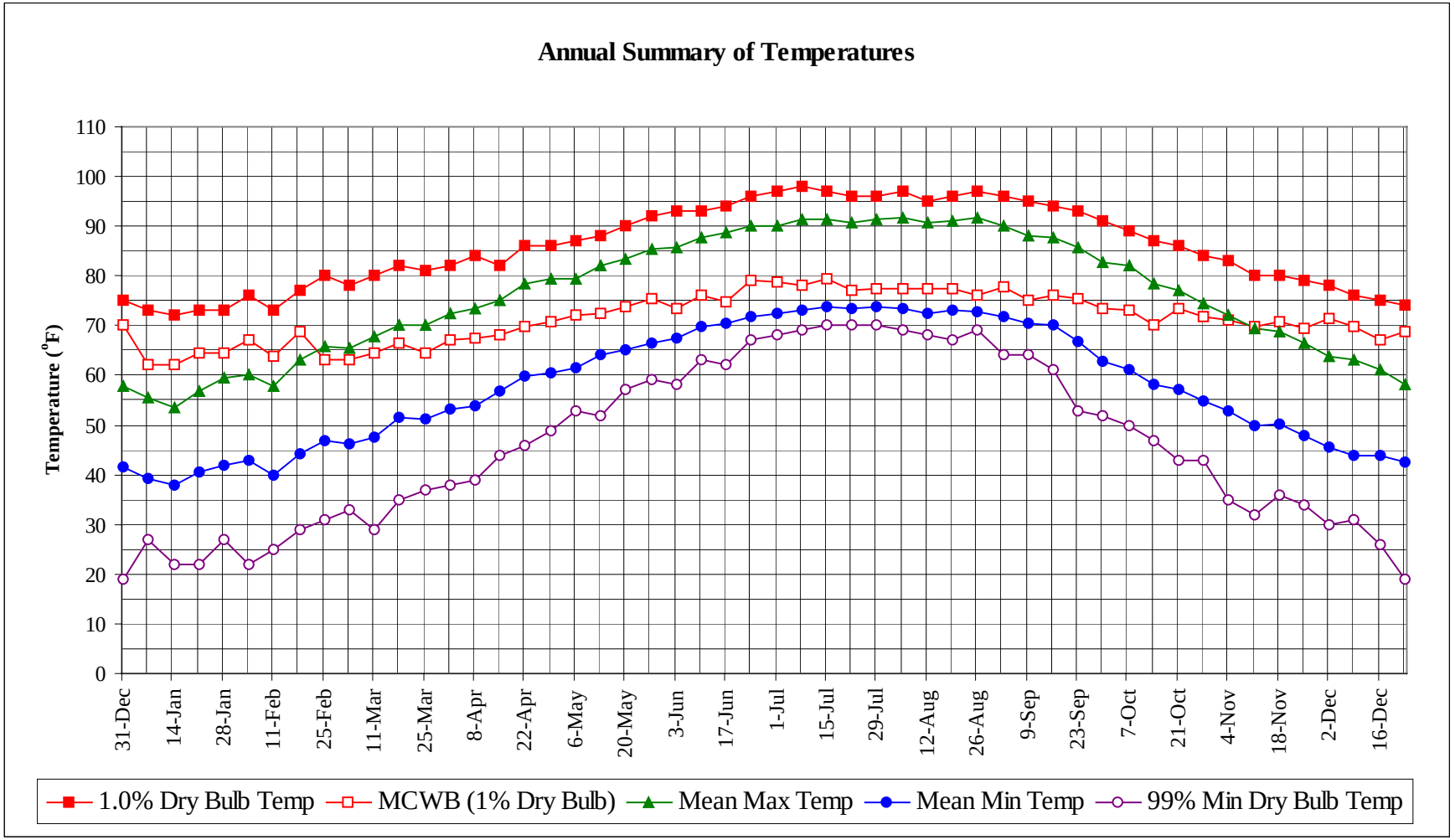
Period of Record = 1967 to 1996

Annual Totals

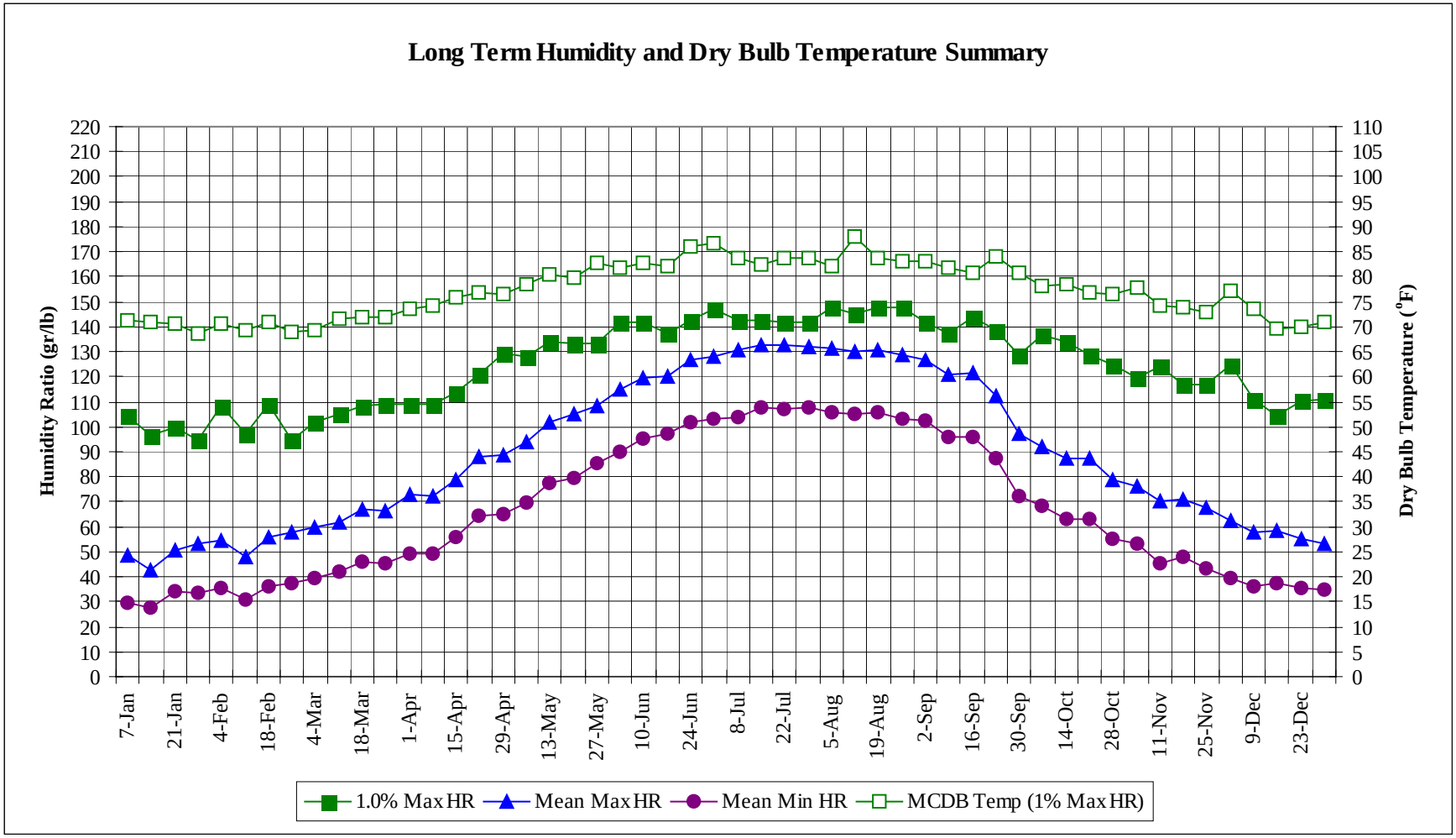
Temperature Range (°F)	Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)
100 / 104		3	1	4	78.5
95 / 99		40	9	49	77.3
90 / 94		248	65	312	76.2
85 / 89	3	402	145	551	74.8
80 / 84	96	390	301	787	72.9
75 / 79	440	358	482	1280	71.0
70 / 74	573	333	436	1342	67.3
65 / 69	351	274	316	940	61.8
60 / 64	281	227	274	782	56.8
55 / 59	261	194	241	697	52.0
50 / 54	242	157	213	611	47.4
45 / 49	216	120	168	503	42.9
40 / 44	179	89	139	407	38.5
35 / 39	145	51	78	274	34.1
30 / 34	85	23	33	141	29.5
25 / 29	32	10	15	57	24.9
20 / 24	11	3	3	17	19.9
15 / 19	4	1	1	6	15.5
10 / 14	1	0	0	1	11.0
5 / 9	0			0	6.3

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.

FORT POLK LA WMO No. 722390



FORT POLK LA WMO No. 722390

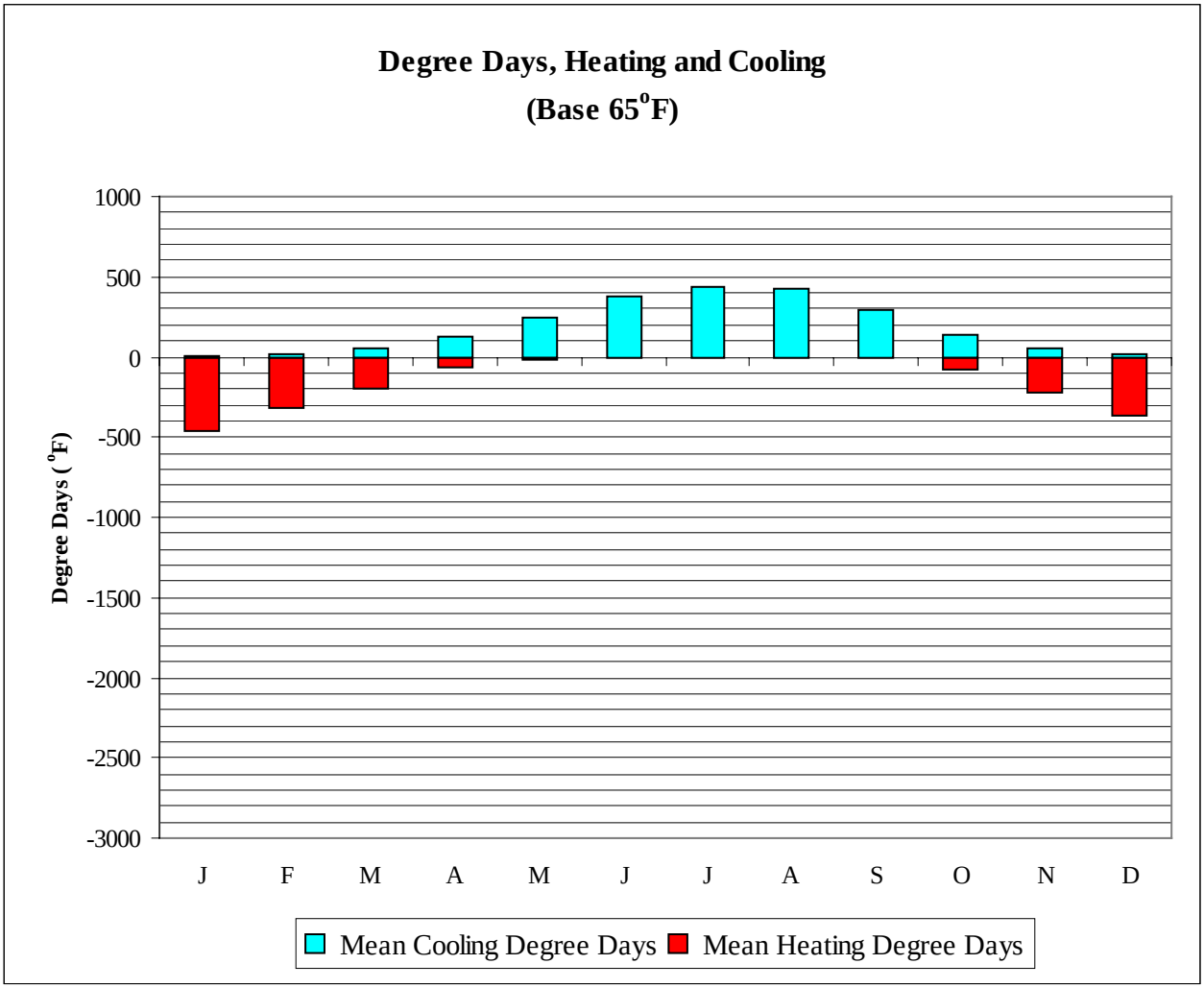


FORT POLK LA WMO No. 722390

Long Term Dry Bulb Temperature and Humidity Summary

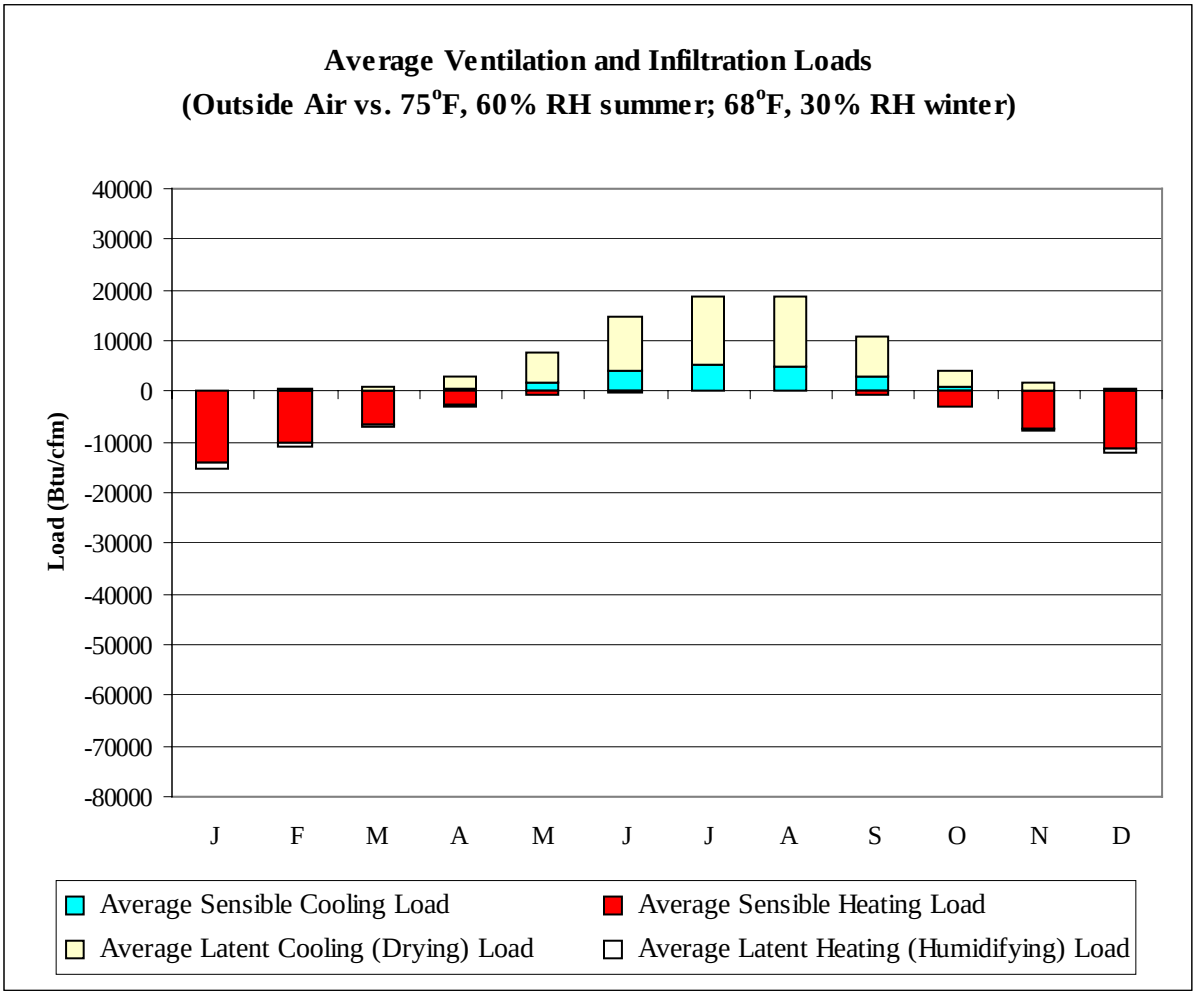
Week Ending	1.0% Temp (°F)	MCWB @ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB @ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	73.0	62.3	55.4	39.2	27.0	104.3	71.2	48.4	29.8
14-Jan	72.0	62.2	53.5	38.0	22.0	96.6	70.9	43.0	27.8
21-Jan	73.0	64.3	57.0	40.7	22.0	100.1	70.7	50.8	34.1
28-Jan	73.0	64.6	59.6	41.9	27.0	94.5	68.7	53.1	33.4
4-Feb	76.0	67.3	60.1	42.8	22.0	108.5	70.6	54.6	35.5
11-Feb	73.0	63.7	57.9	40.0	25.0	97.3	69.4	47.9	31.0
18-Feb	77.0	68.6	63.0	44.3	29.0	109.2	71.0	55.9	36.3
25-Feb	80.0	63.0	65.7	46.7	31.0	94.5	69.0	57.5	37.7
4-Mar	78.0	63.1	65.5	46.2	33.0	101.5	69.3	59.5	39.2
11-Mar	80.0	64.6	67.8	47.5	29.0	105.0	71.5	61.6	42.0
18-Mar	82.0	66.4	70.1	51.4	35.0	108.5	71.8	67.1	45.8
25-Mar	81.0	64.6	70.2	51.1	37.0	109.2	71.8	66.3	45.1
1-Apr	82.0	67.3	72.5	53.1	38.0	109.2	73.6	72.6	49.6
8-Apr	84.0	67.5	73.4	53.9	39.0	109.2	74.4	72.6	49.2
15-Apr	82.0	68.2	75.0	56.7	44.0	113.4	75.7	78.5	56.1
22-Apr	86.0	69.8	78.4	59.8	46.0	121.1	76.7	87.7	64.6
29-Apr	86.0	70.8	79.4	60.5	49.0	129.5	76.4	88.9	65.2
6-May	87.0	72.0	79.5	61.5	53.0	128.1	78.5	94.0	69.8
13-May	88.0	72.5	82.0	64.2	52.0	133.7	80.3	101.6	77.5
20-May	90.0	73.7	83.4	65.1	57.0	133.0	79.9	105.2	79.5
27-May	92.0	75.3	85.3	66.3	59.0	133.0	82.6	108.0	85.1
3-Jun	93.0	73.3	85.8	67.5	58.0	142.1	81.8	114.8	89.8
10-Jun	93.0	76.0	87.8	70.0	63.0	142.1	82.9	119.7	95.0
17-Jun	94.0	74.7	88.7	70.3	62.0	137.2	82.1	120.1	97.1
24-Jun	96.0	79.2	89.9	71.9	67.0	142.8	85.9	126.7	102.0
1-Jul	97.0	78.9	90.2	72.5	68.0	147.0	86.6	127.8	103.2
8-Jul	98.0	78.1	91.4	73.2	69.0	142.8	83.7	130.5	104.0
15-Jul	97.0	79.3	91.5	73.7	70.0	142.8	82.3	132.5	107.6
22-Jul	96.0	77.3	90.8	73.3	70.0	142.1	83.8	132.5	106.8
29-Jul	96.0	77.3	91.3	73.7	70.0	142.1	83.7	132.1	107.6
5-Aug	97.0	77.6	91.8	73.5	69.0	147.7	82.1	131.1	105.4
12-Aug	95.0	77.5	90.6	72.5	68.0	144.9	88.0	130.0	105.0
19-Aug	96.0	77.4	91.2	73.1	67.0	147.7	83.9	131.0	105.8
26-Aug	97.0	76.2	91.8	72.8	69.0	147.7	83.1	128.9	103.3
2-Sep	96.0	77.7	90.0	71.8	64.0	142.1	83.1	126.9	102.3
9-Sep	95.0	75.0	87.9	70.4	64.0	137.2	81.9	121.0	95.9
16-Sep	94.0	76.2	87.6	70.1	61.0	143.5	80.7	121.4	95.7
23-Sep	93.0	75.4	85.7	66.8	53.0	138.6	84.2	112.3	87.3
30-Sep	91.0	73.4	82.7	62.8	52.0	128.8	80.9	97.1	72.3
7-Oct	89.0	73.1	82.2	61.2	50.0	136.5	78.2	92.0	68.0
14-Oct	87.0	70.2	78.3	58.1	47.0	133.7	78.4	87.1	63.0
21-Oct	86.0	73.4	77.2	57.2	43.0	128.8	76.7	87.2	62.8
28-Oct	84.0	71.9	74.6	54.9	43.0	124.6	76.5	78.9	55.5
4-Nov	83.0	71.2	72.1	52.8	35.0	119.7	77.9	76.5	53.5
11-Nov	80.0	69.7	69.4	49.8	32.0	123.9	74.1	70.5	45.1
18-Nov	80.0	70.7	68.9	50.1	36.0	116.9	74.0	70.9	47.6
25-Nov	79.0	69.6	66.4	47.9	34.0	116.9	73.0	67.8	43.5
2-Dec	78.0	71.6	63.7	45.4	30.0	124.6	77.3	62.5	39.3
9-Dec	76.0	69.9	63.0	44.0	31.0	111.3	73.6	58.1	36.3
16-Dec	75.0	67.2	61.2	43.9	26.0	104.3	69.7	58.3	37.3
23-Dec	74.0	68.9	58.0	42.4	19.0	110.6	70.0	54.9	35.6
31-Dec	75.0	70.1	57.8	41.7	19.0	111.3	71.1	53.5	35.0

FORT POLK LA WMO No. 722390



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	11	460
FEB	18	321
MAR	57	194
APR	130	71
MAY	245	14
JUN	372	1
JUL	434	0
AUG	431	0
SEP	296	10
OCT	139	77
NOV	49	218
DEC	18	360
ANN	2200	1726

FORT POLK LA WMO No. 722390



	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	4	-13983	261	-1442
FEB	27	-10105	336	-986
MAR	139	-6609	829	-474
APR	581	-2767	2148	-94
MAY	1797	-705	5771	-1
JUN	3900	-74	10691	0
JUL	5088	-4	13769	0
AUG	4927	-20	13590	0
SEP	2719	-482	8251	0
OCT	774	-2948	3180	-61
NOV	115	-7259	1523	-414
DEC	12	-11188	663	-1023
ANN	20083	-56144	61012	-4495

Average Annual Solar Radiation – Nearest Available Site

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

City: LAKE CHARLES
State: LA
WBAN No: 3937
Lat(N): 30.12
Long(W): 93.22
Elev(ft): 10

Stn Type: Primary
SHADING GEOMETRY IN DIMENSIONLESS UNITS
Window: 1
Overhang: 0.881
Vert Gap: 0.649

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	1130	1420	1700	1900	2000	1900	1790	1590	1370	1010	820	1460
	Std Dev	78	97	115	136	131	148	102	113	93	104	90	58	31
	Minimum	670	970	1120	1430	1660	1700	1670	1480	1370	1090	750	740	1410
	Maximum	1020	1300	1650	2090	2230	2260	2140	2010	1780	1570	1160	930	1520
	Diffuse	420	500	640	770	880	910	920	860	720	540	430	380	660
Clear Day	Global	1300	1620	2010	2340	2520	2550	2490	2320	2030	1670	1330	1180	1950
NORTH	Global	260	310	390	470	570	640	600	510	420	350	280	240	420
	Diffuse	260	310	390	460	520	540	530	490	420	350	280	240	400
Clear Day	Global	240	290	350	430	590	690	630	490	390	320	250	230	410
EAST	Global	510	660	780	910	1000	1060	1020	1000	910	810	600	500	810
	Diffuse	310	370	470	560	620	650	640	610	540	440	330	290	490
Clear Day	Global	870	1030	1200	1320	1350	1340	1310	1260	1170	1020	860	800	1130
SOUTH	Global	1030	1110	1010	830	670	600	630	760	990	1240	1190	1070	930
	Diffuse	400	450	510	540	550	540	540	560	560	520	430	380	500
Clear Day	Global	2020	1910	1570	1080	740	620	660	920	1330	1710	1900	1970	1360
WEST	Global	540	690	830	950	1020	1040	970	930	870	810	630	510	810
	Diffuse	310	380	470	560	630	650	640	610	530	440	340	290	490
Clear Day	Global	870	1030	1200	1320	1350	1340	1310	1260	1170	1020	860	800	1130

Average Annual Solar Heat and Illumination – Nearest Available Site

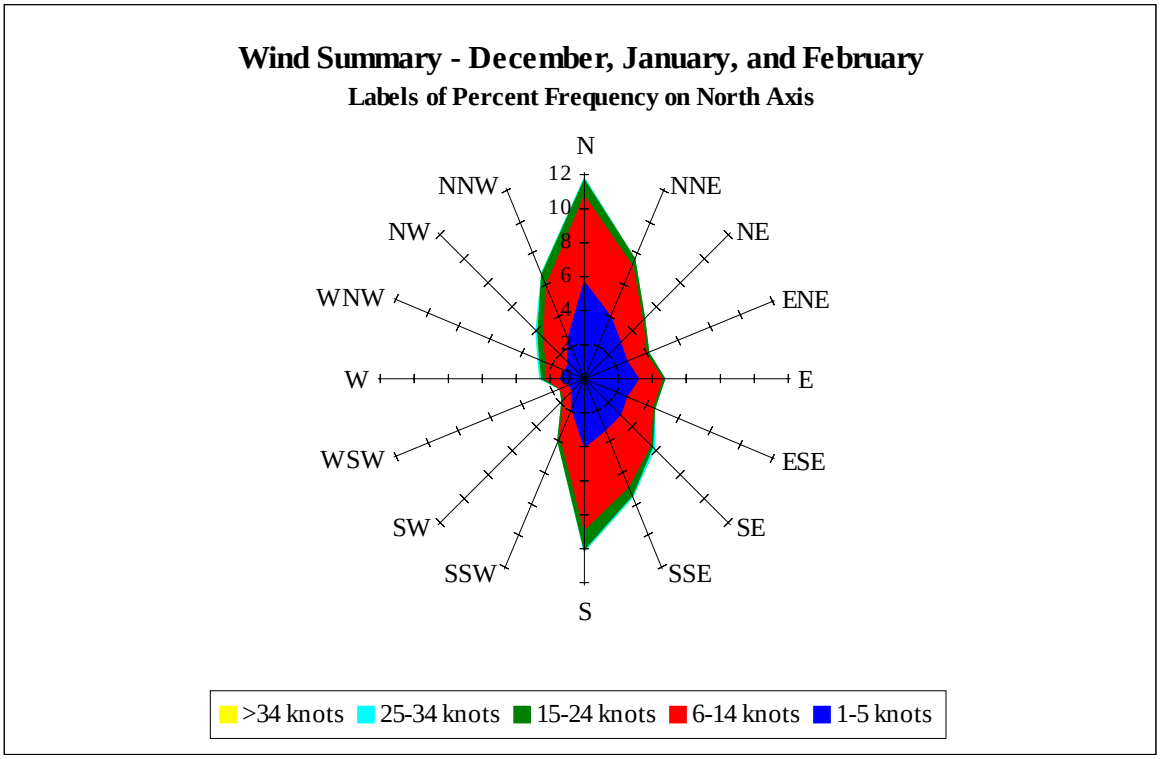
(Source: National Renewable Energy Laboratory, Golden CO, 1995)

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

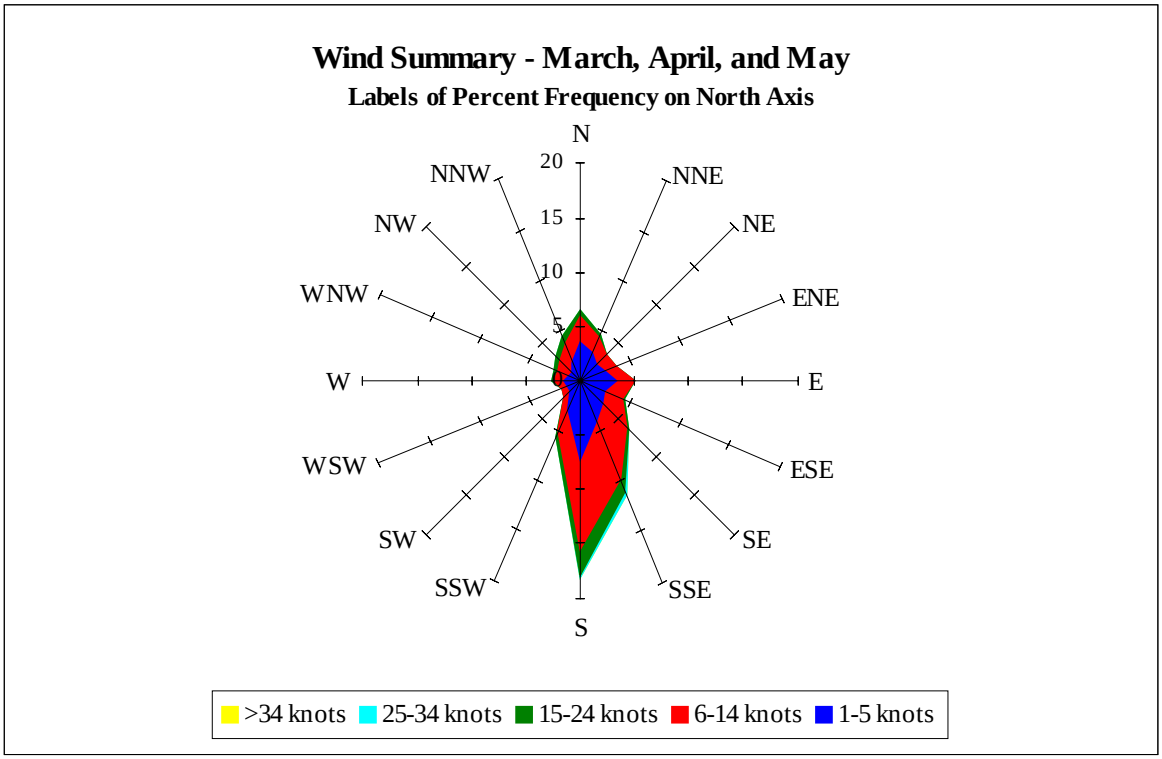
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ	Unshaded	590	790	1020	1230	1380	1460	1380	1300	1140	980	700	560	1050
NORTH	Unshaded	180	220	270	320	370	410	390	340	290	240	190	170	280
	Shaded	150	190	230	280	320	350	330	300	260	220	170	140	250
EAST	Unshaded	350	460	550	650	710	750	720	710	650	570	420	340	570
	Shaded	300	390	460	530	580	620	590	590	540	470	360	300	480
SOUTH	Unshaded	760	790	670	510	410	380	390	470	630	860	870	790	630
	Shaded	710	640	390	320	330	330	330	340	350	610	790	760	490
WEST	Unshaded	380	480	590	670	720	740	680	660	610	570	440	360	570
	Shaded	320	410	490	560	590	600	560	540	510	480	370	300	480

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

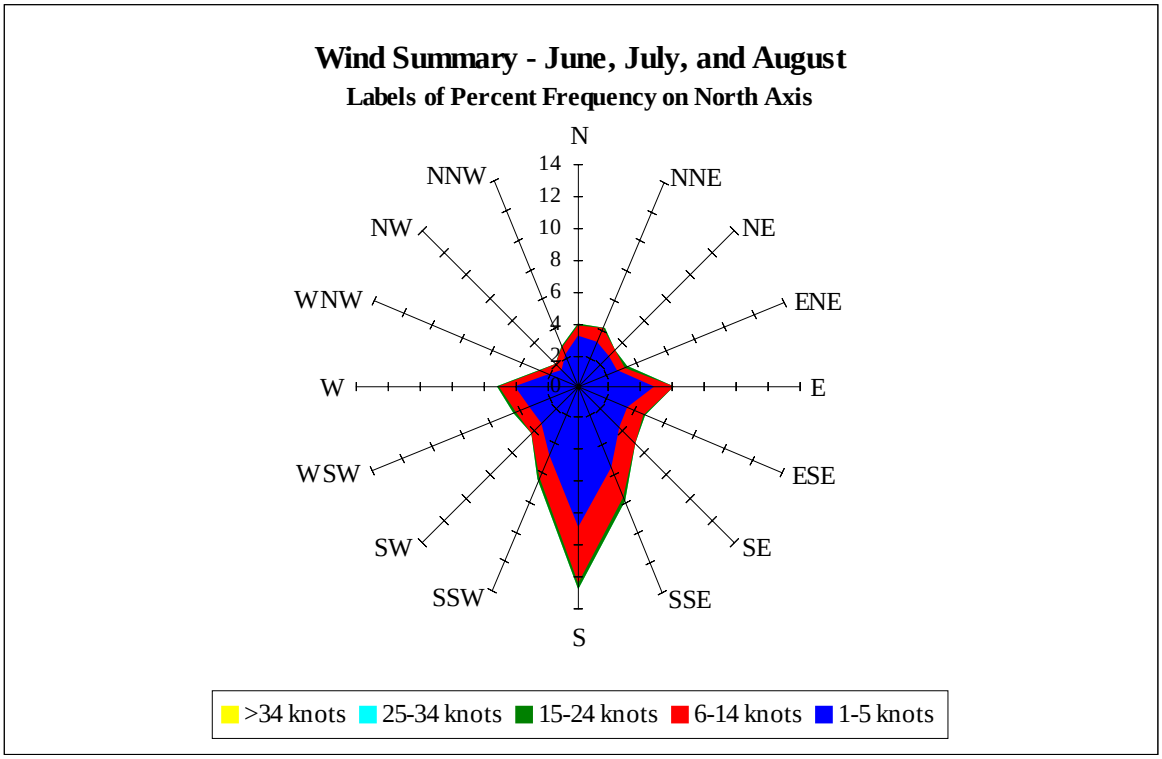
		March					June				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	43	83	95	78	35	39	81	103	99	70
	M.Cloudy	23	49	59	46	21	28	62	79	74	49
NORTH	M.Clear	10	15	16	15	10	23	18	18	19	20
	M.Cloudy	10	17	19	16	9	16	19	19	20	18
EAST	M.Clear	79	64	16	15	10	64	73	37	19	17
	M.Cloudy	24	34	19	16	9	36	52	31	20	17
SOUTH	M.Clear	34	64	73	60	28	12	19	31	29	17
	M.Cloudy	15	34	42	32	14	11	19	27	26	17
WEST	M.Clear	10	15	20	68	73	12	18	18	50	75
	M.Cloudy	10	17	20	35	26	11	19	19	39	46
M.Clear	(% hrs)	30	30	31	34	37	47	35	32	36	43
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	25	70	93	87	53	23	55	65	46	9
	M.Cloudy	17	49	67	62	37	12	31	37	26	6
NORTH	M.Clear	9	16	18	18	14	7	12	13	11	4
	M.Cloudy	7	17	19	19	14	5	12	14	10	3
EAST	M.Clear	54	72	35	18	14	54	47	13	11	4
	M.Cloudy	23	44	29	19	14	13	21	14	10	3
SOUTH	M.Clear	15	47	65	60	35	45	82	91	72	21
	M.Cloudy	9	31	44	41	23	12	30	38	26	6
WEST	M.Clear	9	16	18	52	72	7	12	21	57	31
	M.Cloudy	7	17	19	37	39	5	12	16	22	8
M.Clear	(% hrs)	52	44	35	37	39	32	33	33	35	36



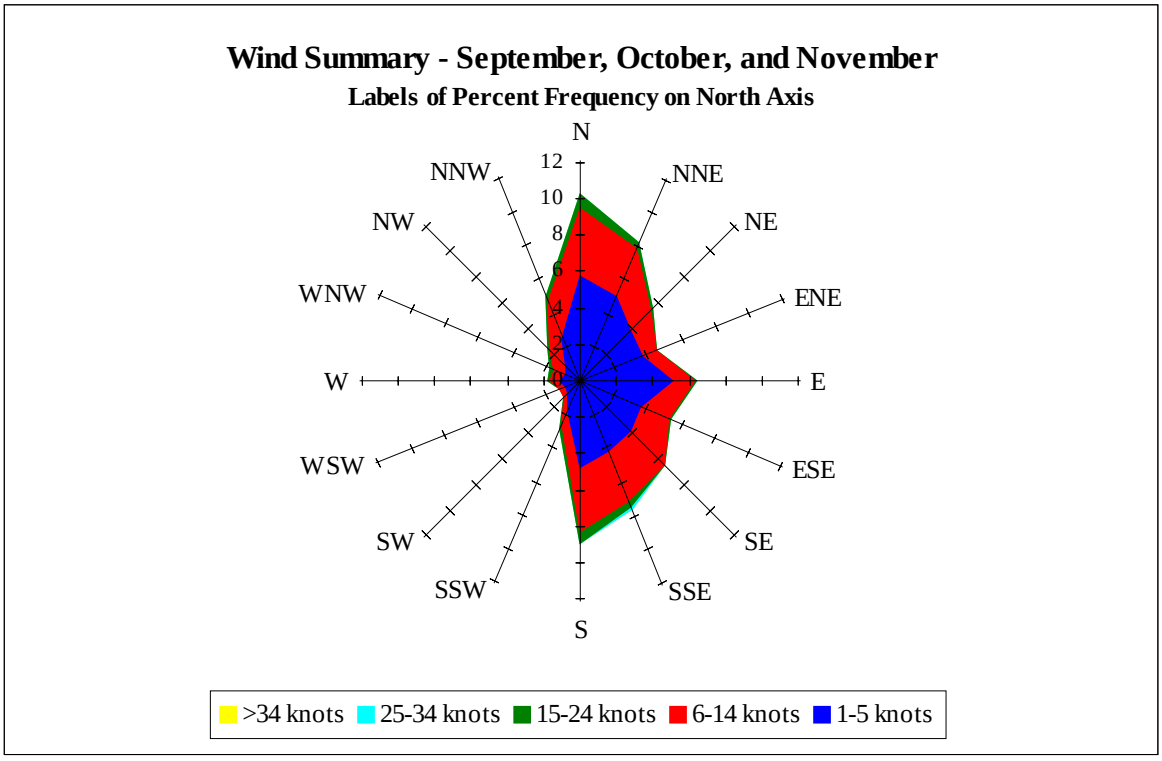
Percent Calm = 16.38



Percent Calm = 14.80



Percent Calm = 22.78



Percent Calm = 20.61