

LAFAYETTE LA

Latitude = 30.20 N

Longitude = 91.98 W

Period of Record = 1973 to 1996

WMO No. 722405

Elevation = 43 feet

Average Pressure = 29.97 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	96	79	119	8.0	NNE
0.4% Occurrence	94	78	121	7.9	E
1.0% Occurrence	92	78	121	8.2	S
2.0% Occurrence	91	78	121	8.5	S
Mean Daily Range	18	-	-	-	-
97.5% Occurrence	36	33	24	7.9	N
99.0% Occurrence	32	30	20	8.2	N
99.6% Occurrence	28	26	15	8.3	N
Median of Extreme Lows	23	21	11	9.7	N
	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	84	91	161	9.2	SSW
0.4% Occurrence	81	89	142	8.6	S
1.0% Occurrence	80	88	138	8.4	S
2.0% Occurrence	79	87	134	8.1	S
	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	173	88	1.14	10.2	SSW
0.4% Occurrence	147	83	0.97	7.6	WSW
1.0% Occurrence	146	84	0.97	7.1	S
2.0% Occurrence	141	83	0.94	7.0	S
Air Conditioning/ Humid Area Criteria	# of Hours	T ≥ 93°F	T ≥ 80°F	T _{wb} ≥ 73°F	T _{wb} ≥ 67°F
		75	1719	2531	4176

Other Site Data

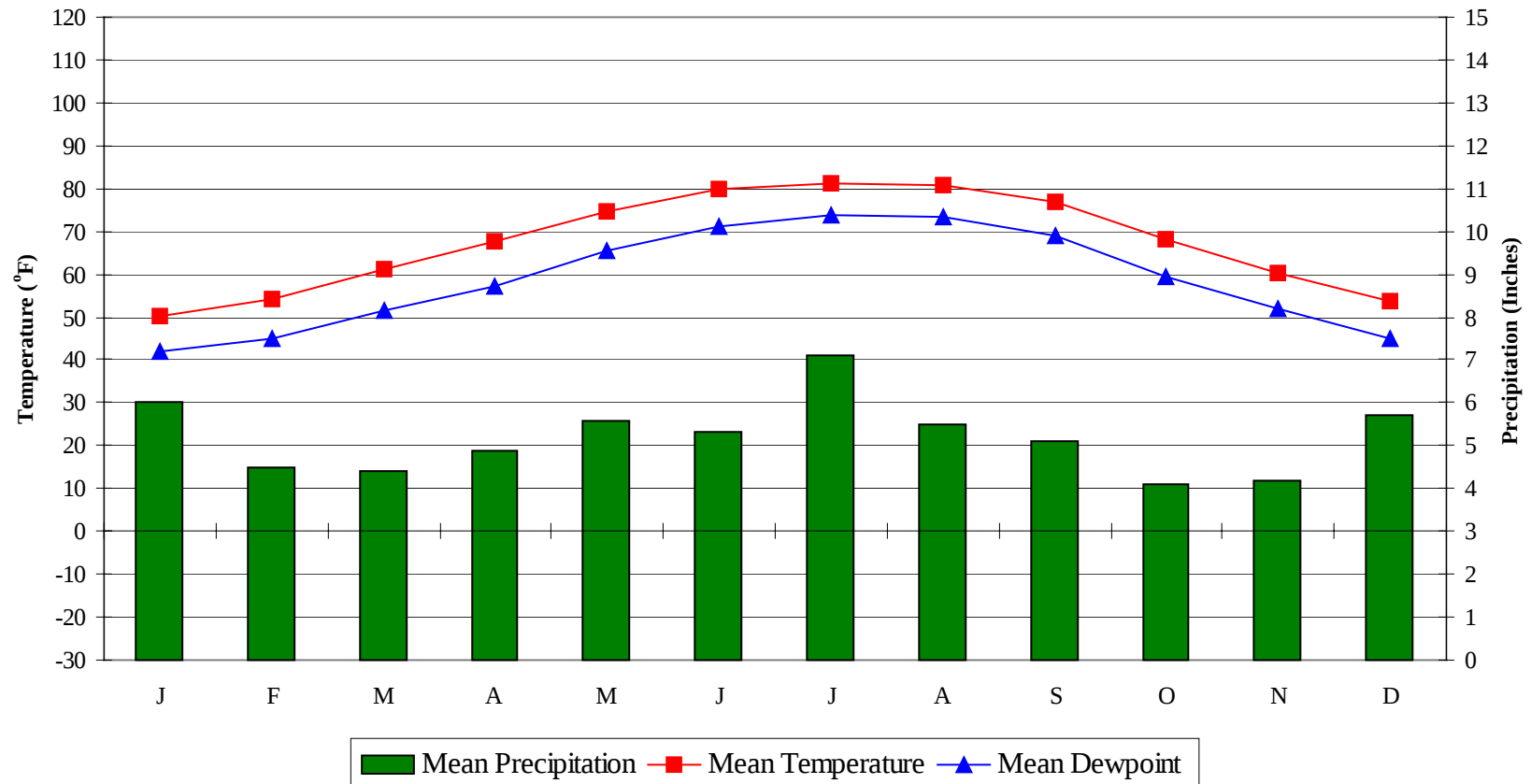
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
10	4.5	120	8.8 + 1.8
Ground Water Temperature (°F) 50 Foot Depth *	Frost Depth 50 Year Recurrence (in.)	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.

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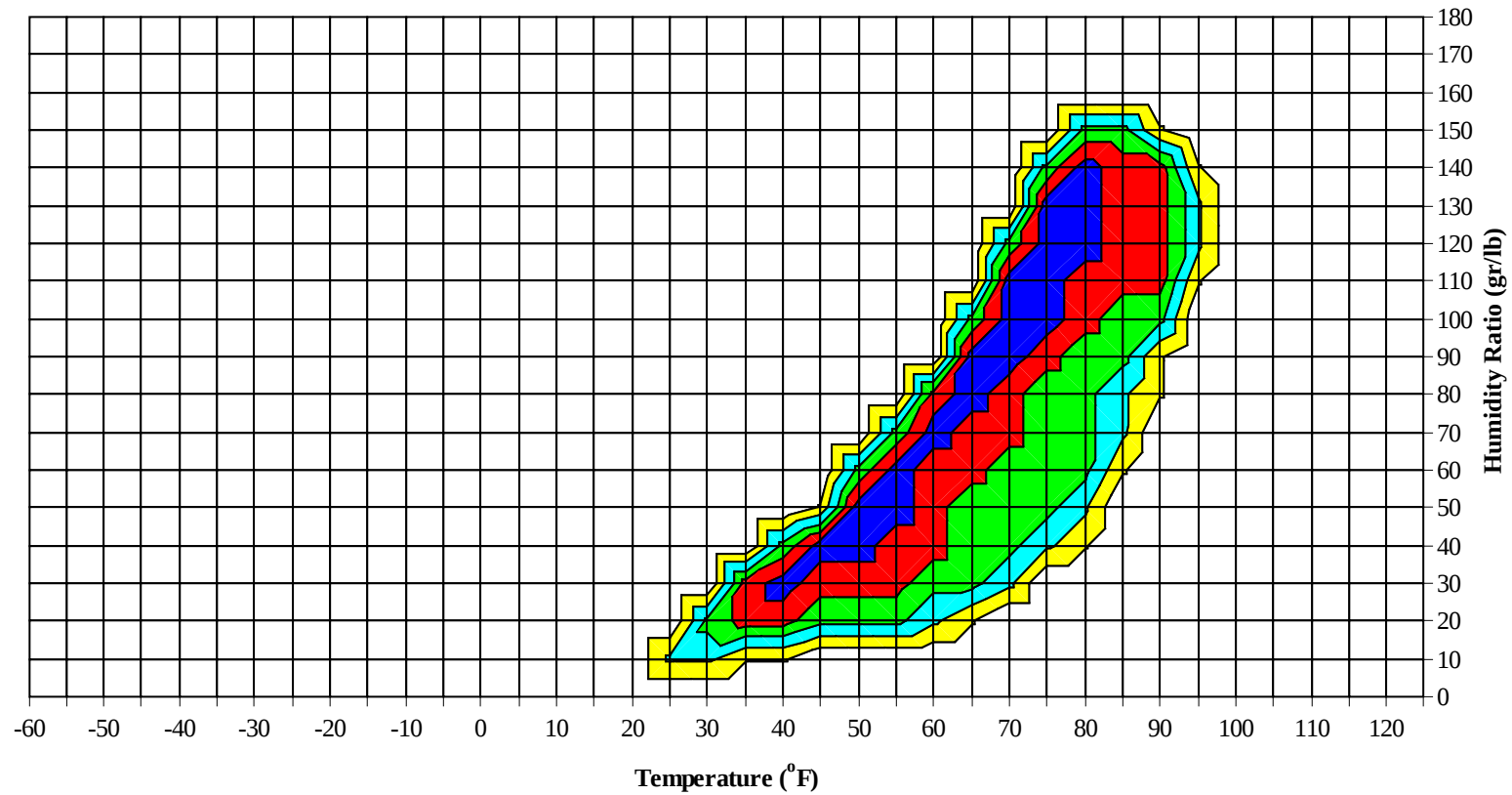
Average Annual Climate



LAFAYETTE LA

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Long Term Psychrometric Summary

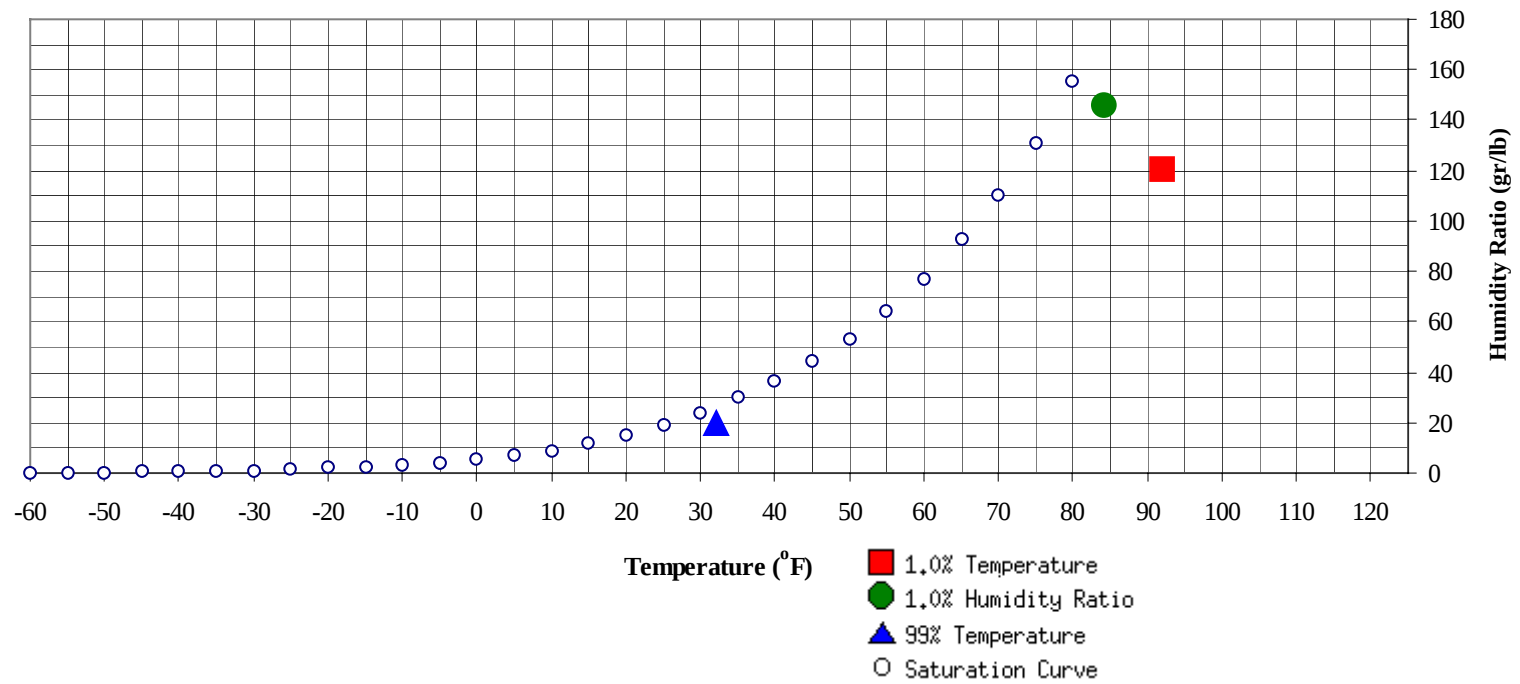


- 50% of all observations
- 80% of all observations
- 95% of all observations
- 97.5% of all observations
- 99% of all observations

LAFAYETTE LA

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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)
	32	19.6	10.7		145.6	84.1	79.6	78.1	43.0

1.0% Dry Bulb	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
	92	120.7	77.9	41.1

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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	69.2		0		0	71.8		0	1	13	68.3
75 / 79		6	0	6	69.1		13	1	14	66.1	1	46	13	60	67.3
70 / 74	2	22	9	33	65.8	4	34	14	52	64.4	19	53	41	114	65.3
65 / 69	14	28	21	63	62.5	20	37	31	88	61.5	38	48	47	133	61.4
60 / 64	17	33	26	76	57.5	20	32	33	85	57.1	41	36	49	126	57.1
55 / 59	28	35	35	98	52.6	28	31	37	96	52.3	39	23	40	102	52.5
50 / 54	32	37	38	107	47.9	35	29	36	100	47.9	42	15	28	85	48.0
45 / 49	37	33	40	110	43.5	37	22	30	89	43.2	31	7	16	54	43.6
40 / 44	38	27	36	101	38.7	34	14	21	69	38.7	22	5	9	36	39.4
35 / 39	41	16	26	83	34.3	28	8	14	50	34.2	9	2	3	14	34.2
30 / 34	25	7	12	44	29.6	14	3	5	22	29.9	4	0	1	5	29.4
25 / 29	10	2	3	15	24.9	4	1	2	7	24.9	2	0	0	2	24.6
20 / 24	4	0	1	5	20.4	1	0	1	2	19.7	0		0	0	21.5
15 / 19	0	0	0	0	14.0	1			1	16.8					
10 / 14	1		0	1	9.8										
5 / 9			0	0											

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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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															
95 / 99							0	0	0	74.3		2	0	2	77.1
90 / 94		1	0	1	67.9		9	1	10	74.5		54	7	61	77.1
85 / 89		8	1	9	69.6	0	64	10	74	73.5	2	103	30	135	76.0
80 / 84	0	49	7	56	69.4	5	89	35	129	71.7	27	52	58	137	75.1
75 / 79	8	72	37	116	67.7	40	49	75	165	70.9	97	21	94	212	73.9
70 / 74	38	53	59	149	65.8	80	26	74	181	68.6	89	8	45	142	70.7
65 / 69	52	31	58	140	62.2	74	9	38	121	64.8	19	0	5	24	64.9
60 / 64	52	15	41	107	58.1	31	1	12	44	59.5	6		0	6	59.7
55 / 59	37	8	23	68	53.3	12		3	15	54.9	0			0	54.2
50 / 54	34	3	11	48	49.1	5		0	5	50.5	0			0	51.0
45 / 49	14	1	4	19	44.5	0			0	47.7					
40 / 44	5	0	1	6	39.9										
35 / 39	1		0	1	36.2										
30 / 34	0			0	33.0										
25 / 29															
20 / 24															
15 / 19															
10 / 14															
5 / 9															

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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						0	0	0	0	80.7					
95 / 99	0	7	1	8	79.3	0	6	0	6	78.7		1	0	1	77.7
90 / 94	0	82	14	96	78.5	0	73	10	83	78.3		33	2	35	76.9
85 / 89	5	93	34	132	77.9	2	97	29	128	77.5	0	78	15	93	76.2
80 / 84	39	40	72	151	76.7	27	46	68	141	76.5	7	64	41	112	74.7
75 / 79	137	21	106	264	74.8	133	23	113	269	74.7	70	40	99	209	73.4
70 / 74	64	5	22	91	71.7	78	3	27	108	71.4	94	16	53	163	70.1
65 / 69	3	0	0	3	66.9	7		1	8	64.8	33	5	19	57	64.1
60 / 64	0			0	61.8	1			1	61.4	20	2	8	30	59.2
55 / 59											10	0	4	14	54.7
50 / 54											5		0	5	50.8
45 / 49											0			0	47.3
40 / 44															
35 / 39															
30 / 34															
25 / 29															
20 / 24															
15 / 19															
10 / 14															
5 / 9															

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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	80.0										
90 / 94		2		2	76.0										
85 / 89	0	24	1	25	73.7		1		1	73.3					
80 / 84	1	64	11	76	70.9		20	0	20	71.6		1		1	71.1
75 / 79	11	59	37	107	69.1	5	43	13	61	69.8	1	19	3	23	69.8
70 / 74	45	47	62	154	67.1	22	41	36	99	66.9	11	30	17	58	67.2
65 / 69	44	26	50	120	62.9	30	38	39	107	62.3	19	33	27	79	62.5
60 / 64	47	16	42	105	58.8	31	34	36	101	57.5	25	38	34	97	57.4
55 / 59	40	7	29	76	54.1	34	26	38	98	52.7	26	38	34	98	52.5
50 / 54	37	2	13	52	49.8	35	20	34	89	48.3	32	34	38	104	47.6
45 / 49	18	0	3	21	45.2	32	11	23	66	43.8	33	24	38	95	43.4
40 / 44	5	0	1	6	40.4	25	4	14	43	39.7	34	15	31	80	38.9
35 / 39	1	0	0	1	35.0	19	1	5	25	35.2	39	10	17	66	34.5
30 / 34	0		0	0	32.0	6	0	1	7	31.1	17	3	7	27	29.9
25 / 29						1		0	1	26.3	7	1	2	10	24.7
20 / 24											2	1	0	3	19.5
15 / 19											1	1	1	3	14.1
10 / 14											1	0	0	1	10.2
5 / 9															

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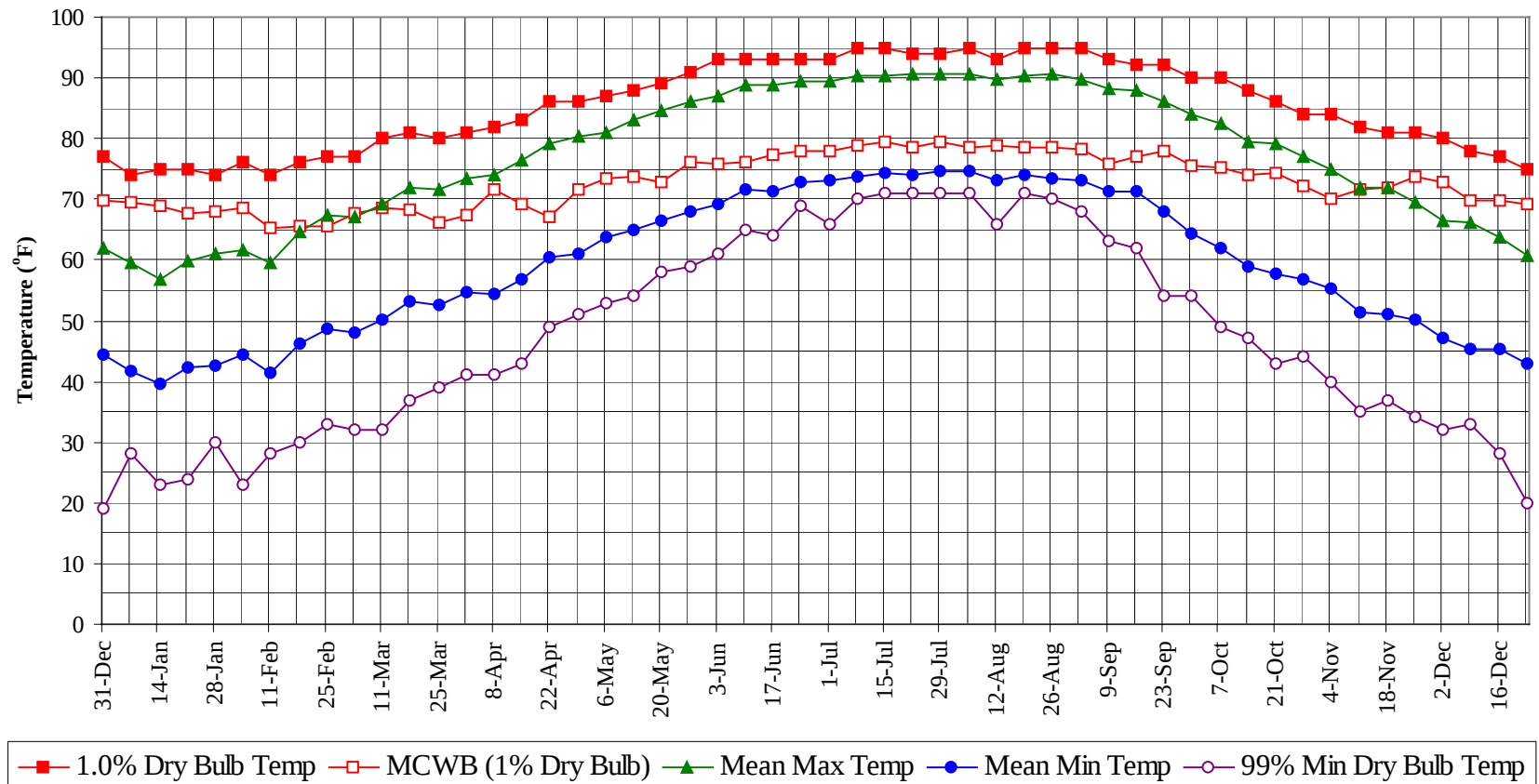
Dry-Bulb Temperature Hours For An Average Year (Sheet 5 of 5)

Period of Record = 1973 to 1996

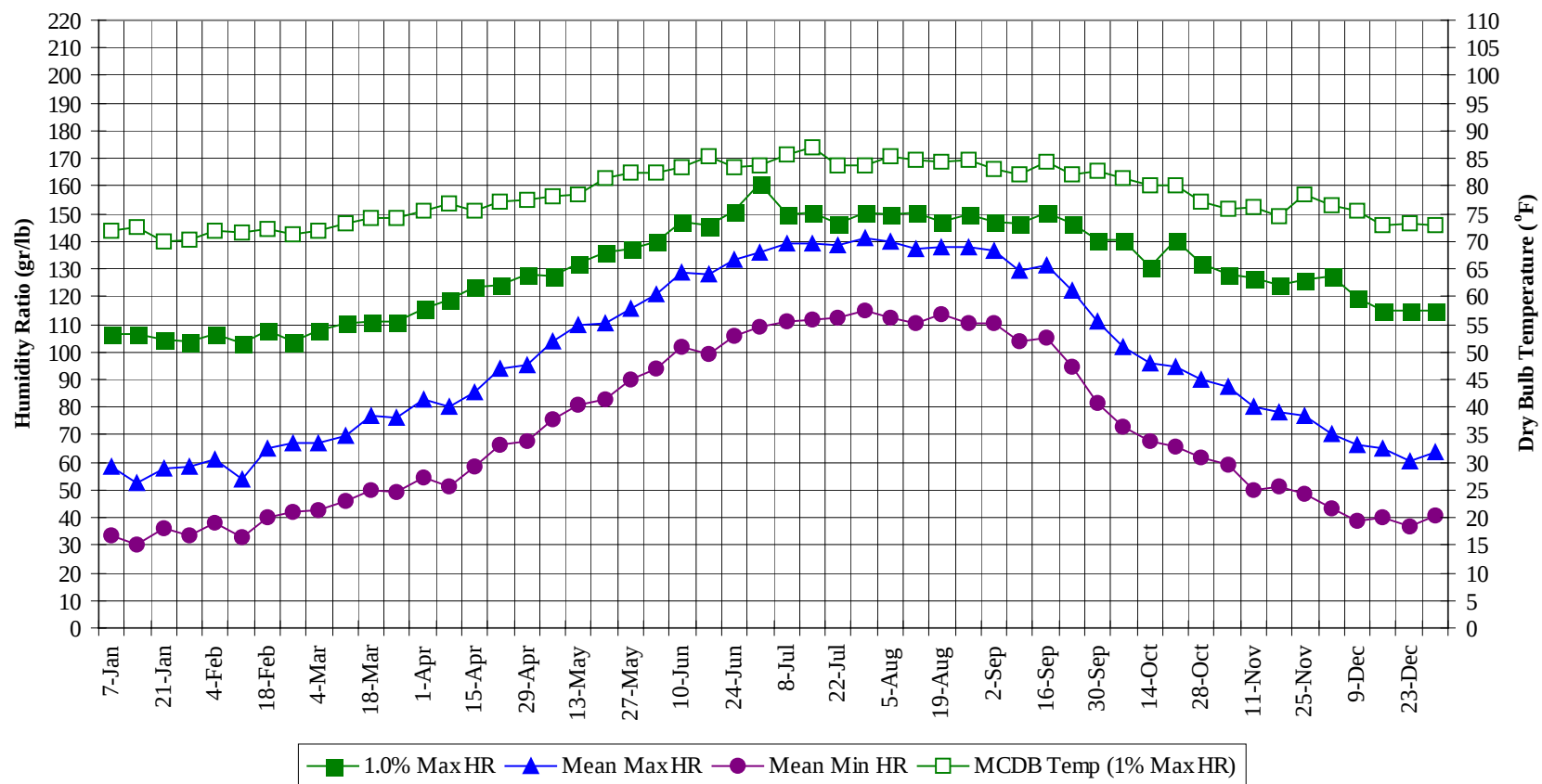
Annual Totals					
Temperature Range (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00		
100 / 104		0	0	0	80.7
95 / 99	0	16	2	18	78.6
90 / 94	0	252	35	287	77.8
85 / 89	9	464	120	592	76.3
80 / 84	106	438	290	834	74.1
75 / 79	501	415	587	1503	72.4
70 / 74	544	338	459	1342	68.2
65 / 69	353	257	335	946	62.7
60 / 64	292	209	282	784	57.8
55 / 59	253	169	243	666	52.9
50 / 54	256	140	199	595	48.2
45 / 49	203	98	155	456	43.6
40 / 44	163	66	113	342	39.0
35 / 39	138	37	65	240	34.5
30 / 34	65	14	25	104	29.8
25 / 29	23	4	8	35	24.8
20 / 24	8	1	2	11	20.0
15 / 19	2	1	1	4	14.5
10 / 14	2	0	0	2	10.1
5 / 9			0	0	

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.

Annual Summary of Temperatures

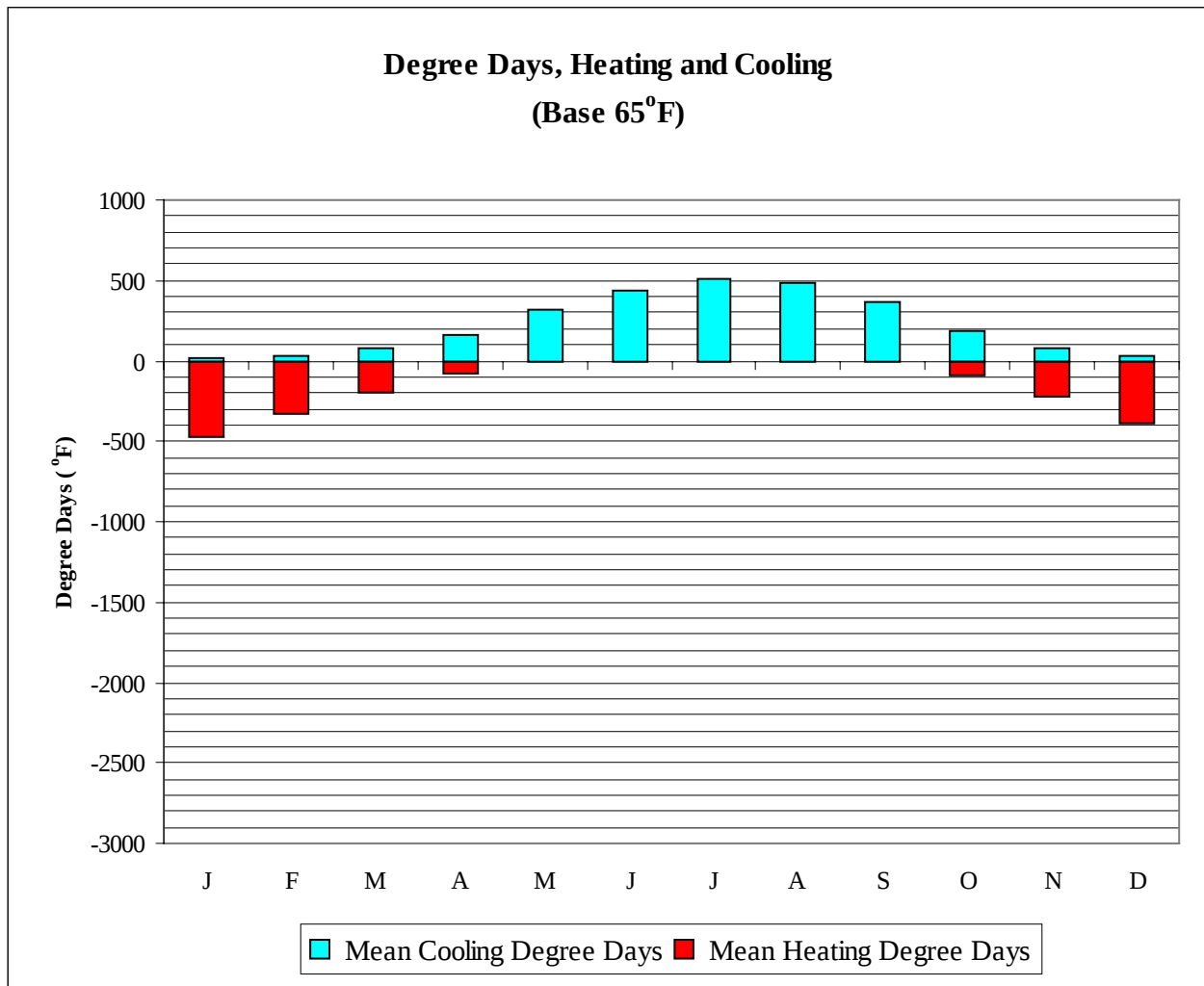


Long Term Humidity and Dry Bulb Temperature Summary

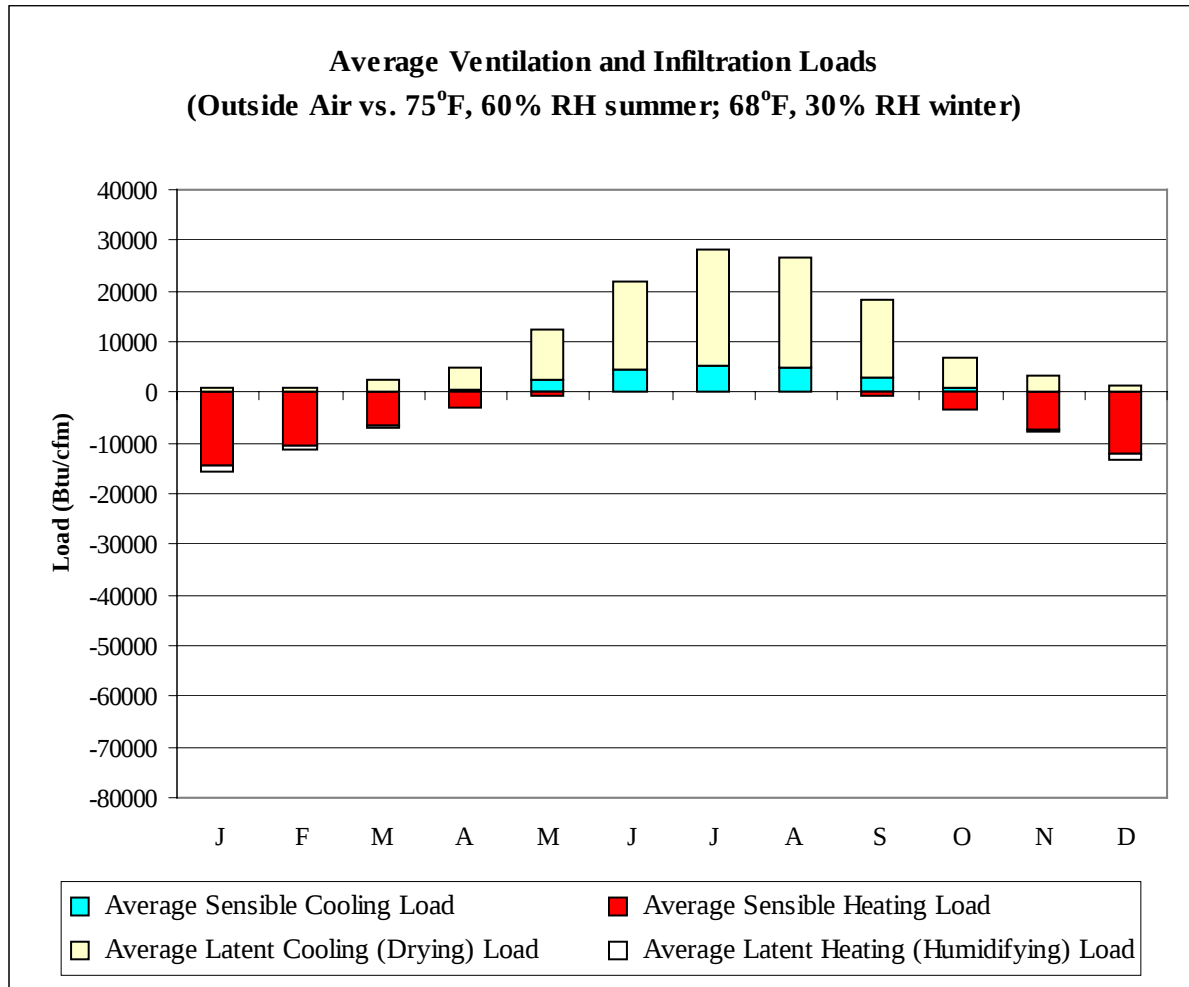


LAFAYETTE LA**WMO No. 722405****Long Term Dry Bulb Temperature and Humidity Summary**

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	69.4	59.6	41.7	28.0	106.4	72.0	58.2	33.7
14-Jan	75.0	68.9	56.8	39.7	23.0	106.4	72.5	52.3	30.2
21-Jan	75.0	67.7	59.7	42.3	24.0	104.3	70.0	57.7	35.9
28-Jan	74.0	68.1	61.2	42.5	30.0	103.6	70.2	58.4	33.7
4-Feb	76.0	68.4	61.7	44.4	23.0	106.4	71.8	61.0	38.2
11-Feb	74.0	65.4	59.6	41.4	28.0	102.9	71.5	54.2	32.6
18-Feb	76.0	65.5	64.6	46.3	30.0	107.8	72.2	64.8	40.1
25-Feb	77.0	65.5	67.2	48.7	33.0	103.6	71.3	66.7	42.0
4-Mar	77.0	67.8	67.0	48.1	32.0	107.8	71.9	66.8	42.4
11-Mar	80.0	68.6	69.3	50.0	32.0	110.6	73.4	69.8	46.2
18-Mar	81.0	68.1	72.0	53.2	37.0	111.3	74.3	76.7	49.6
25-Mar	80.0	66.0	71.7	52.6	39.0	111.3	74.1	76.1	49.2
1-Apr	81.0	67.2	73.3	54.8	41.0	115.5	75.5	82.7	54.3
8-Apr	82.0	71.5	74.0	54.5	41.0	119.0	76.9	80.3	51.3
15-Apr	83.0	69.1	76.4	56.9	43.0	123.2	75.6	85.2	58.4
22-Apr	86.0	67.1	79.2	60.5	49.0	123.9	77.3	93.9	66.5
29-Apr	86.0	71.6	80.3	61.1	51.0	128.1	77.5	95.6	67.5
6-May	87.0	73.3	81.0	63.7	53.0	127.4	78.1	103.8	75.7
13-May	88.0	73.6	83.1	65.0	54.0	132.3	78.5	109.4	80.9
20-May	89.0	72.7	84.5	66.5	58.0	135.8	81.3	110.2	82.7
27-May	91.0	76.0	86.2	68.1	59.0	137.2	82.3	115.8	90.2
3-Jun	93.0	75.7	86.9	69.2	61.0	140.0	82.4	120.9	93.8
10-Jun	93.0	76.0	88.8	71.7	65.0	147.0	83.3	128.9	101.7
17-Jun	93.0	77.2	89.0	71.3	64.0	145.6	85.5	128.0	99.1
24-Jun	93.0	77.9	89.4	72.8	69.0	151.2	83.4	133.1	105.8
1-Jul	93.0	77.9	89.5	73.2	66.0	161.0	83.7	135.8	108.8
8-Jul	95.0	78.7	90.2	73.7	70.0	149.8	85.7	138.9	111.2
15-Jul	95.0	79.4	90.3	74.2	71.0	150.5	87.1	138.9	111.8
22-Jul	94.0	78.7	90.5	74.2	71.0	146.3	83.9	138.6	112.6
29-Jul	94.0	79.5	90.6	74.5	71.0	150.5	83.6	141.1	115.2
5-Aug	95.0	78.5	90.5	74.6	71.0	149.8	85.3	140.1	112.6
12-Aug	93.0	78.8	89.8	73.1	66.0	150.5	84.8	137.3	110.1
19-Aug	95.0	78.7	90.4	74.1	71.0	147.0	84.5	138.1	113.9
26-Aug	95.0	78.6	90.7	73.4	70.0	149.8	84.6	137.6	110.4
2-Sep	95.0	78.2	89.7	73.2	68.0	147.0	83.2	136.4	110.5
9-Sep	93.0	76.0	88.1	71.4	63.0	146.3	82.0	129.5	104.1
16-Sep	92.0	77.1	87.8	71.2	62.0	150.5	84.2	131.6	104.8
23-Sep	92.0	77.9	86.0	68.1	54.0	146.3	82.0	122.1	94.4
30-Sep	90.0	75.6	84.0	64.3	54.0	140.7	82.8	111.0	81.7
7-Oct	90.0	75.3	82.5	61.8	49.0	140.7	81.3	102.1	73.1
14-Oct	88.0	74.0	79.6	59.0	47.0	130.9	80.2	96.1	67.3
21-Oct	86.0	74.2	79.2	57.7	43.0	140.7	80.0	94.5	65.6
28-Oct	84.0	72.3	77.2	56.8	44.0	132.3	77.1	90.1	61.9
4-Nov	84.0	70.1	75.0	55.4	40.0	128.1	76.0	87.6	59.4
11-Nov	82.0	71.5	71.9	51.3	35.0	126.7	76.2	79.8	49.7
18-Nov	81.0	71.9	71.8	51.2	37.0	123.9	74.6	78.1	50.9
25-Nov	81.0	73.7	69.4	50.1	34.0	126.0	78.5	76.6	48.8
2-Dec	80.0	72.9	66.5	47.2	32.0	127.4	76.7	70.6	43.6
9-Dec	78.0	69.8	66.1	45.3	33.0	119.7	75.6	66.1	38.8
16-Dec	77.0	69.8	63.7	45.4	28.0	114.8	73.0	64.8	39.8
23-Dec	75.0	69.1	60.7	43.0	20.0	114.8	73.4	60.4	36.5
31-Dec	77.0	69.8	61.8	44.4	19.0	114.8	73.1	63.7	40.4



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	17	470
FEB	27	335
MAR	80	193
APR	159	79
MAY	316	11
JUN	443	1
JUL	505	0
AUG	486	0
SEP	364	10
OCT	183	86
NOV	80	222
DEC	34	388
ANN	2694	1795



	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	-14350	760	-1441
FEB	17	-10508	867	-949
MAR	183	-6571	2226	-386
APR	713	-3034	3959	-57
MAY	2360	-604	10102	0
JUN	4306	-60	17615	0
JUL	5258	-1	22780	0
AUG	4891	-13	21504	0
SEP	3073	-471	15251	0
OCT	1070	-3225	5944	-32
NOV	245	-7298	3080	-340
DEC	36	-12047	1465	-1089
ANN	22161	-58182	105553	-4294

Average Annual Solar Radiation – Nearest Available Site

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

City: BATON ROUGE
 State: LA
 WBAN No: 13970
 Lat(N): 30.53
 Long(W): 91.15
 Elev(ft): 75

Stn Type: Secondary
 SHADING GEOMETRY IN DIMENSIONLESS UNITS
 Window: 1
 Overhang: 0.898
 Vert Gap: 0.652

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	840	1100	1390	1700	1870	1920	1810	1720	1520	1350	960	800	1420
	Std Dev	68	103	108	137	126	150	127	125	107	110	80	66	36
	Minimum	700	940	1190	1450	1670	1600	1620	1530	1280	1090	750	680	1340
	Maximum	990	1280	1650	2100	2170	2150	2120	1990	1710	1570	1090	940	1470
	Diffuse	410	490	600	710	820	870	870	800	680	500	420	370	630
Clear Day	Global	1280	1600	1990	2320	2500	2550	2490	2320	2020	1650	1310	1170	1930
NORTH	Global	250	310	380	450	550	620	570	480	410	340	270	240	410
	Diffuse	250	310	380	440	490	520	510	460	410	340	270	240	380
Clear Day	Global	230	290	350	430	580	690	630	490	400	320	250	230	410
EAST	Global	500	640	770	920	1000	1060	1020	1000	890	800	580	490	810
	Diffuse	300	360	450	530	600	630	620	580	510	420	330	280	470
Clear Day	Global	860	1020	1200	1310	1340	1340	1310	1260	1170	1010	850	790	1120
SOUTH	Global	1010	1090	1010	840	660	590	610	750	960	1250	1140	1060	910
	Diffuse	390	440	490	520	520	520	520	530	530	500	420	370	480
Clear Day	Global	2000	1900	1570	1090	750	630	680	930	1340	1710	1890	1960	1370
WEST	Global	530	680	830	960	1000	960	880	850	820	800	610	510	790
	Diffuse	300	370	460	540	600	620	600	570	510	420	330	280	470
Clear Day	Global	860	1020	1200	1310	1340	1340	1310	1260	1170	1010	850	790	1120

Average Annual Solar Heat and Illumination – Nearest Available Site

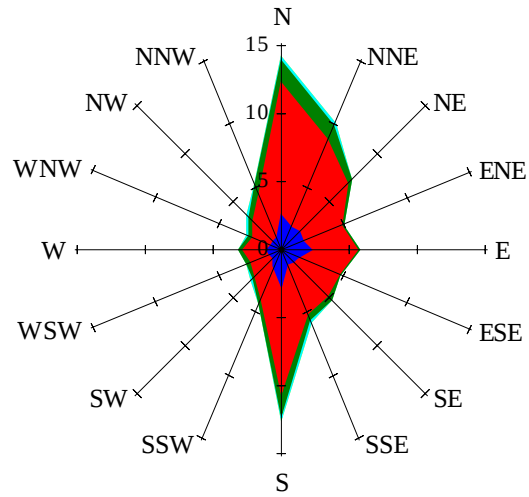
(Source: National Renewable Energy Laboratory, Golden CO, 1995)

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	570	770	1000	1240	1370	1400	1320	1250	1100	970	670	540	1020
NORTH	Unshaded	180	210	260	310	360	400	370	330	280	230	190	160	270
	Shaded	150	180	230	270	310	340	320	290	250	210	160	140	240
EAST	Unshaded	350	450	550	650	700	750	720	710	630	560	400	340	570
	Shaded	300	380	450	530	570	610	590	590	530	470	340	290	470
SOUTH	Unshaded	750	780	670	510	400	370	380	450	620	870	830	790	620
	Shaded	700	630	380	310	320	320	320	320	330	610	750	750	480
WEST	Unshaded	370	480	590	680	710	680	620	600	580	570	420	350	550
	Shaded	310	410	490	560	580	550	500	490	480	480	360	300	460

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	45	82	93	74	32	42	83	101	95	66
	M.Cloudy	24	48	57	44	19	30	61	75	69	45
NORTH	M.Clear	11	15	16	14	9	23	18	17	18	20
	M.Cloudy	10	17	18	15	8	17	18	18	19	17
EAST	M.Clear	79	59	16	14	9	69	72	32	18	16
	M.Cloudy	24	32	18	15	8	37	49	28	19	15
SOUTH	M.Clear	36	64	73	58	26	13	20	31	28	16
	M.Cloudy	15	34	41	31	13	11	20	27	25	15
WEST	M.Clear	11	15	23	70	70	13	18	17	52	75
	M.Cloudy	10	17	21	35	25	11	18	18	39	43
M.Clear	(% hrs)	34	33	32	34	39	50	39	33	32	31
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	29	72	92	84	50	25	56	63	43	7
	M.Cloudy	18	47	64	57	32	13	31	36	24	4
NORTH	M.Clear	9	16	18	17	13	7	12	13	10	3
	M.Cloudy	8	16	19	18	12	6	12	13	10	2
EAST	M.Clear	62	71	30	17	13	57	44	13	10	3
	M.Cloudy	22	40	26	18	12	13	20	13	10	2
SOUTH	M.Clear	18	49	65	59	33	49	83	90	70	17
	M.Cloudy	10	30	43	37	19	12	30	36	24	5
WEST	M.Clear	9	16	18	54	72	7	12	24	58	26
	M.Cloudy	8	16	19	36	34	6	12	17	21	6
M.Clear	(% hrs)	51	46	36	34	35	32	35	33	33	35

Wind Summary - December, January, and February

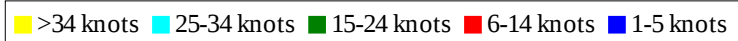
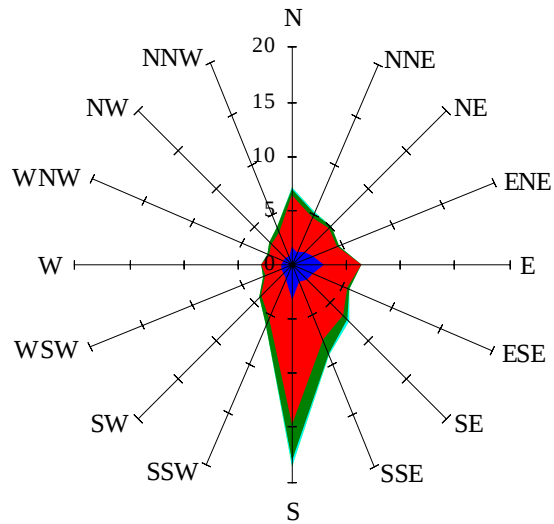
Labels of Percent Frequency on North Axis



Percent Calm = 6.70

Wind Summary - March, April, and May

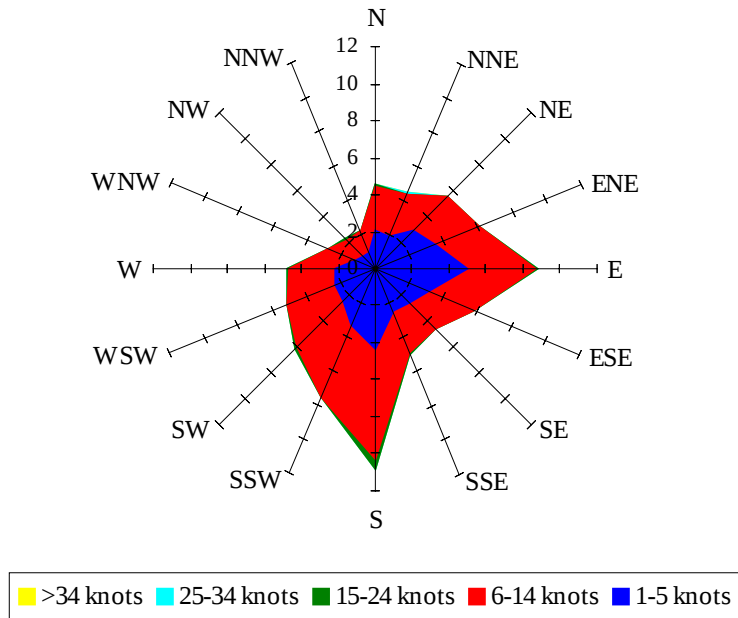
Labels of Percent Frequency on North Axis



Percent Calm = 7.74

Wind Summary - June, July, and August

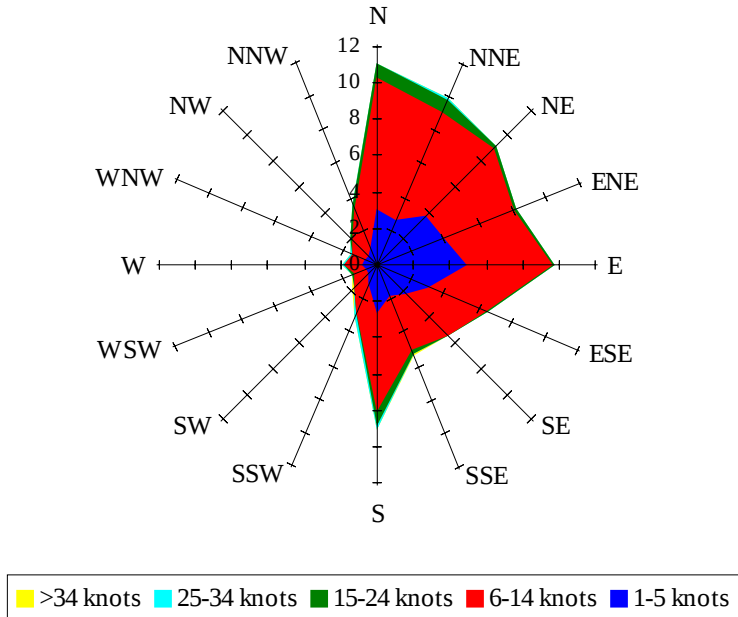
Labels of Percent Frequency on North Axis



Percent Calm = 13.80

Wind Summary - September, October, and November

Labels of Percent Frequency on North Axis



Percent Calm = 11.59