ALEXANDRIA INTL, LA	
Latitude = 31.33 N	Station ID = ICAO_KAEX
Longitude = 92.55 W	Elevation = 89 Feet
Period of Record = 1988 To 2017	Average Pressure = 29.93 inches Hg

Design Criteria Data

	Mean Coincident (Average) Values				
Dry Bulb Temperature (T)	**Design Value (°F)**	**Wet Bulb Temperature (°F)**	**Humidity Ratio (gr/lb)**	**Wind Speed (mph)**	**Prevailing Direction (NSEW)**
Median of Extreme Highs	100	77	103	5.8	VRB
0.4% Occurrence	97	77	110	5.5	VRB
1.0% Occurrence	95	78	114	5	VRB
2.0% Occurrence	93	77	114	5.6	S
Mean Daily Range	20	-	-	-	N
97.5% Occurrence	34	32	22	4.4	N
99.0% Occurrence	30	28	18	4.3	N
99.6% Occurrence	27	26	16	4.6	N
Median of Extreme Lows	23	21	12	6.4	N

Wet Bulb Temperature (T_{wb})	**Design Value (°F)**	**Dry Bulb Temperature (°F)**	**Humidity Ratio (gr/lb)**	**Wind Speed (mph)**	**Prevailing Direction (NSEW)**
Median of Extreme Highs	82	90	147	5.1	S
0.4% Occurrence	80	90	135	5.5	S
1.0% Occurrence	80	90	135	5.5	S
2.0% Occurrence	79	88	131	5.5	S

Humidity Ratio (HR)	**Design Value (gr/lb)**	**Dry Bulb Temperature (°F)**	**Vapor Pressure (in. Hg)**	**Wind Speed (mph)**	**Prevailing Direction (NSEW)**
Median of Extreme Highs	161	87	1.07	5.5	S
0.4% Occurrence	150	84	1	4.5	S
1.0% Occurrence	141	84	0.94	4.5	S
2.0% Occurrence	136	83	0.9	4	S

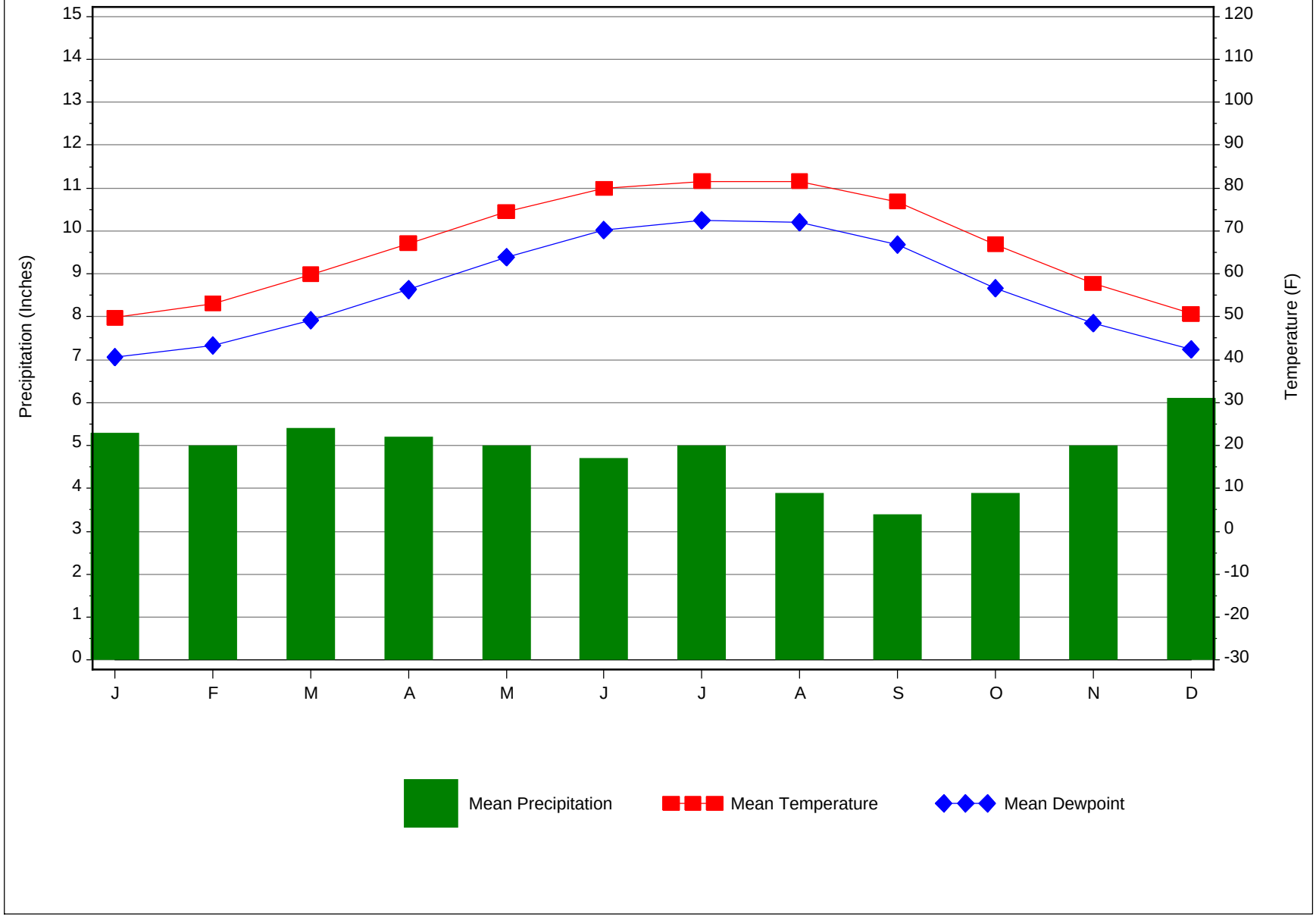
Air Conditioning/ Humid Area Criteria	**Threshold**	**T ≥ 93°F**	**T ≥ 80°F**	**Twb ≥ 73°F**	**Twb ≥ 67°F**
	# of Hours	203	1812	2204	3809

Other Site Data

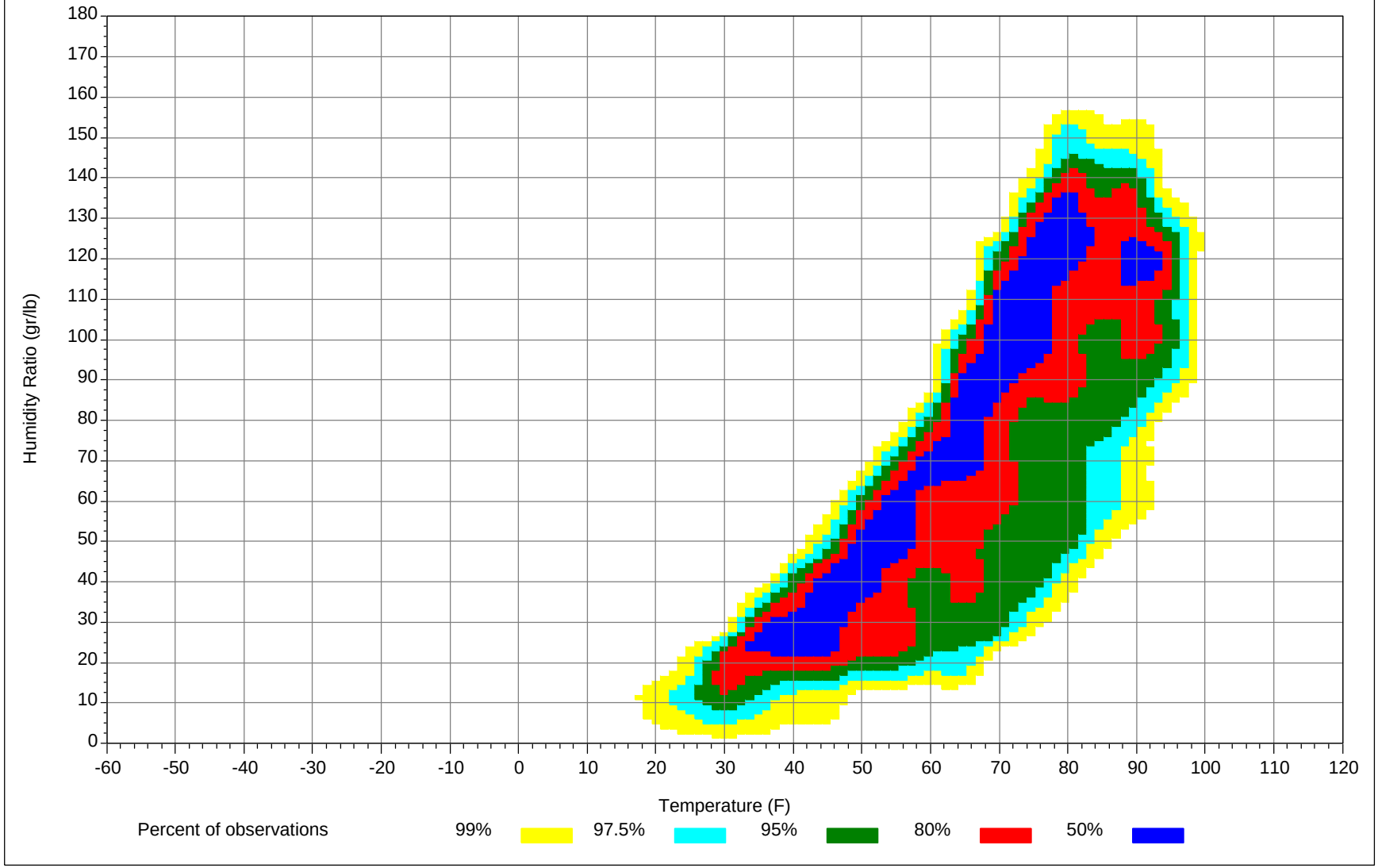
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
11	4.5	90	7.2 + 1.9
Ground Water Temperature (°F) 50 Foot Depth*	Frost Depth 50 Year Recurrence (in)	Ground Snow Load 50 Year Recurrence (lb/ft^2)	Average Annual Freeze-Thaw Cycles (#)
69.3	0	2	16

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

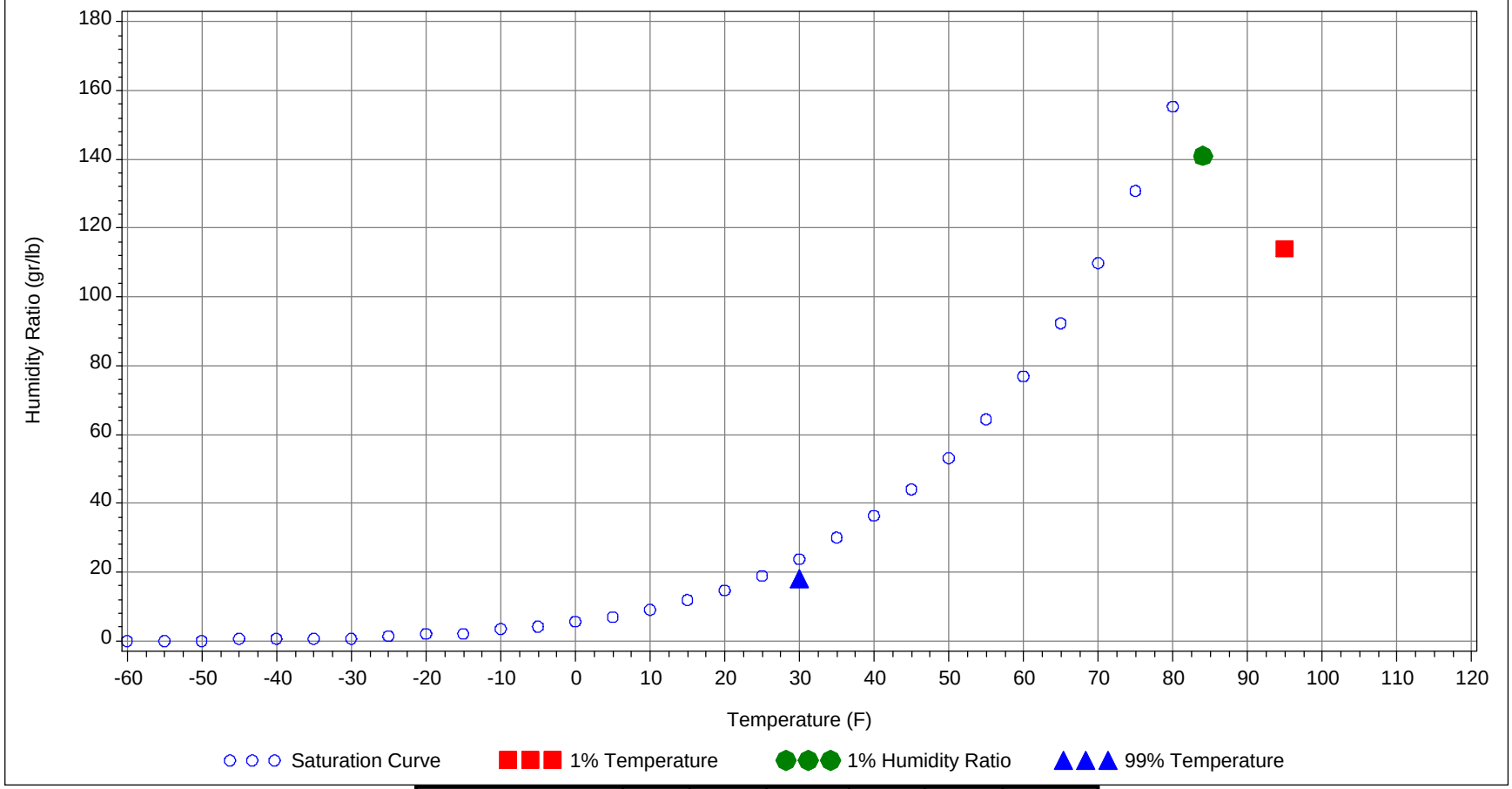
Average Annual Climate



Long Term Psychrometric Summary



Psychrometric Summary of Peak Design Values



	(°F) / (gr/lb)	MCDB (°F)	MCWB (°F)	MCDP (°F)	MCHR (gr/lb)	Enthalpy (btu/lb)
1.0% Dry Bulb	95.0		78		114.0	40.5
99.0% Dry Bulb	30.0				18.0	10.1
1.0% Humidity Ratio	141.0	84.0	78.7	77.0		42.1

Dry-Bulb Temperature Hours For An Average Year

	January					February					March				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
105/109															
100/104															
95/ 99															
90/ 94							0		0	71					
85/ 89							0		0	69.8		0		0	69.7
80/ 84		0		0	72		4	0	4	67.4		16	3	19	67.6
75/ 79		8	1	9	66.5	0	14	5	19	66.1	0	37	14	51	65.6
70/ 74	5	25	13	43	64.2	7	28	19	54	63.8	15	50	40	105	63.6
65/ 69	9	22	16	47	61.2	11	24	20	55	60.4	21	36	34	91	60.7
60/ 64	20	35	33	88	57.3	22	36	34	92	56.7	46	41	52	139	57.4
55/ 59	22	31	31	84	51.8	23	32	31	86	51.2	38	28	38	104	52
50/ 54	28	36	35	99	47.2	29	30	36	95	47.4	39	20	32	91	47.9
45/ 49	37	40	42	119	42.8	36	27	35	98	42.8	42	12	21	75	43.2
40/ 44	30	20	28	78	38.8	28	13	18	59	39	20	4	7	31	39.1
35/ 39	40	20	29	89	34.3	37	10	17	64	35.1	18	3	5	26	34.8
30/ 34	33	8	14	55	29.8	22	5	7	34	30.1	6	1	1	8	29.7
25/ 29	18	3	6	27	25	7	1	2	10	25.7	3	0	0	3	25.1
20/ 24	5	0	1	6	20	1	0	1	2	20.2	0			0	21.6
15/ 19	1			1	17.4	1	0	0	1	15.8					
10/ 14															
5/ 9															

Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure 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.

Dry-Bulb Temperature Hours For An Average Year

	April					May					June				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
105/109															
100/104							0		0	77		1	0	1	76
95/ 99							1	0	1	76		13	3	16	76.6
90/ 94		2	0	2	71.7		25	5	30	73.7		72	19	91	76.2
85/ 89		9	1	10	71.5		52	15	67	73.1	1	64	25	90	75.4
80/ 84	0	51	15	66	68.8	3	81	40	124	71.2	22	59	60	141	74.6
75/ 79	6	61	37	104	67	36	48	65	149	70	80	23	76	179	73.4
70/ 74	40	52	58	150	65.1	86	29	70	185	67.9	107	9	51	167	70.2
65/ 69	35	27	41	103	62.1	55	9	30	94	64	21	0	5	26	65.4
60/ 64	55	23	44	122	58.1	36	3	16	55	59.4	8	0	1	9	61.2
55/ 59	43	9	23	75	53.2	18	1	6	25	54.1	1		0	1	56
50/ 54	32	4	14	50	49.1	10	0	2	12	50.3	0			0	49
45/ 49	21	2	6	29	44.4	3	0	0	3	45.7					
40/ 44	6	0	1	7	39.6	0		0	0	41.4					
35/ 39	2		0	2	36.3	0			0	39					
30/ 34	0			0	32.5										
25/ 29															
20/ 24															
15/ 19															
10/ 14															
5/ 9															

Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure 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.

Dry-Bulb Temperature Hours For An Average Year

	July					August					September				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
105/109							0	0	0	76.8		0		0	77.8
100/104		1	0	1	75.7		4	1	5	76.3		1	0	1	76.5
95/ 99		21	5	26	77.8		32	7	39	77.5		7	1	8	75.7
90/ 94	0	96	27	123	77.7	0	91	25	116	77.3		57	9	66	75.1
85/ 89	1	62	28	91	77	1	56	25	82	76.7		57	16	73	73.9
80/ 84	31	49	75	155	76.1	29	43	69	141	75.8	6	63	43	112	72.8
75/ 79	132	16	88	236	74.2	117	17	91	225	74.2	56	34	79	169	72.3
70/ 74	78	3	25	106	71.2	87	4	27	118	71	95	16	55	166	69.1
65/ 69	6	0	1	7	65.4	8		2	10	65	31	4	18	53	64
60/ 64	1	0		1	62	5		1	6	60.6	30	1	13	44	59.7
55/ 59						1			1	55.9	14	0	4	18	54.7
50/ 54											6		1	7	50.7
45/ 49											2		0	2	46.7
40/ 44															
35/ 39															
30/ 34															
25/ 29															
20/ 24															
15/ 19															
10/ 14															
5/ 9															

Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure 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.

Dry-Bulb Temperature Hours For An Average Year

	October					November					December				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
105/109															
100/104															
95/ 99															
90/ 94		8	0	8	73										
85/ 89		23	3	26	71.5		1		1	72.8					
80/ 84	1	61	13	75	69.2		15	1	16	69.7		2		2	70.4
75/ 79	11	51	34	96	67.9	1	33	8	42	66.8	0	12	2	14	68.8
70/ 74	39	48	51	138	65.8	14	43	27	84	64.7	9	26	16	51	66.1
65/ 69	27	24	36	87	62.2	14	30	25	69	61.2	12	21	16	49	62.5
60/ 64	47	20	45	112	58.6	33	44	42	119	57.2	20	32	30	82	57.7
55/ 59	40	8	32	80	53.8	31	32	38	101	52.2	21	34	25	80	51.9
50/ 54	37	4	20	61	49.6	40	21	41	102	48.3	24	41	36	101	47.5
45/ 49	27	1	11	39	45	43	14	31	88	43.8	36	39	45	120	42.8
40/ 44	11		2	13	41.1	22	4	14	40	39.5	29	17	29	75	38.9
35/ 39	6		1	7	36.6	27	2	10	39	35.9	44	17	31	92	34.9
30/ 34	1		0	1	32.2	12	0	2	14	31	35	6	13	54	30.3
25/ 29	0			0	26.8	3		0	3	26.6	15	1	3	19	25.6
20/ 24											2	0	0	2	19.8
15/ 19											0	0	0	0	14.8
10/ 14											1	0	0	1	10
5/ 9											0			0	7

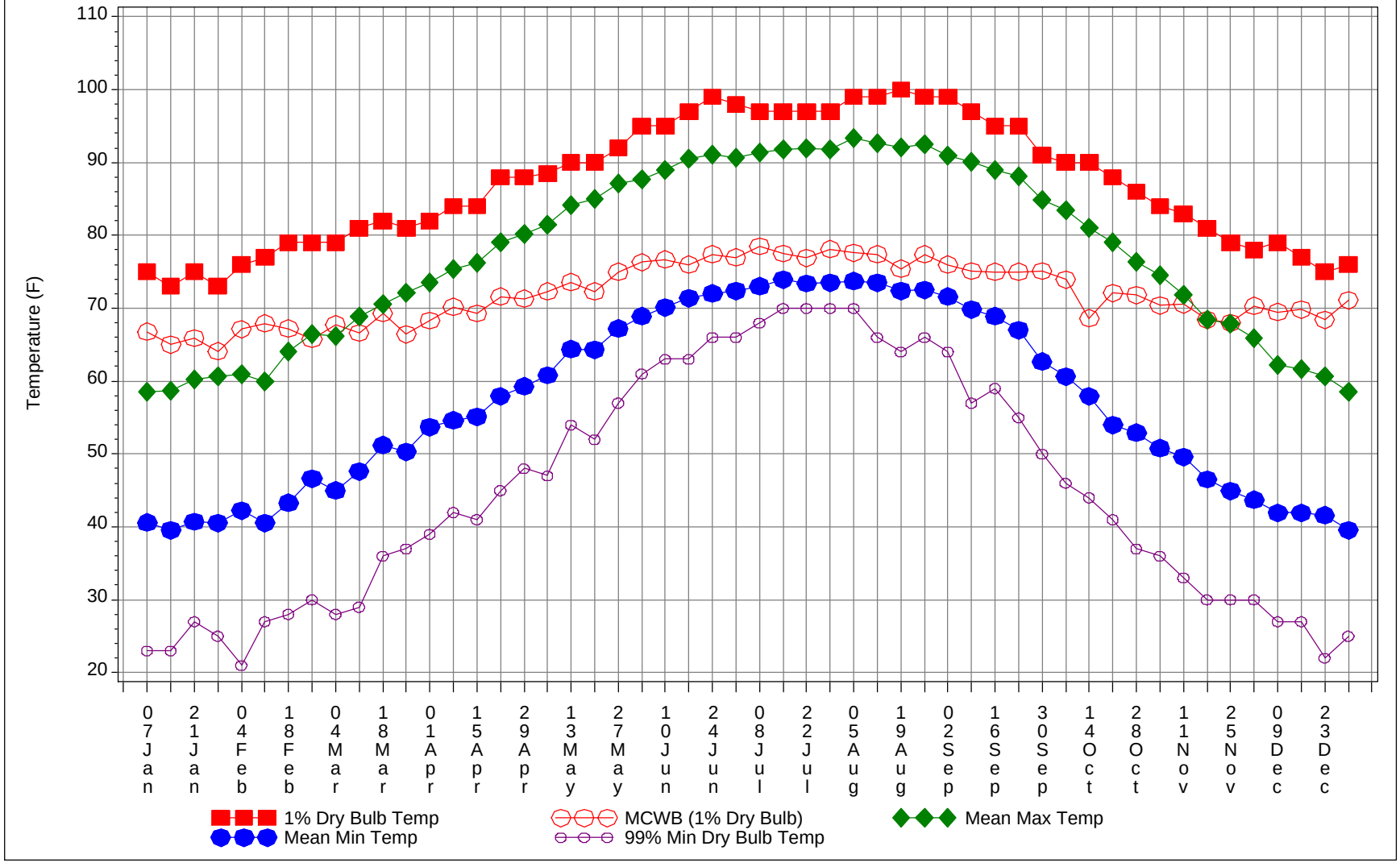
Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary and the ventilation and infiltration load pages in this manual.

Dry-Bulb Temperature Hours For An Average Year

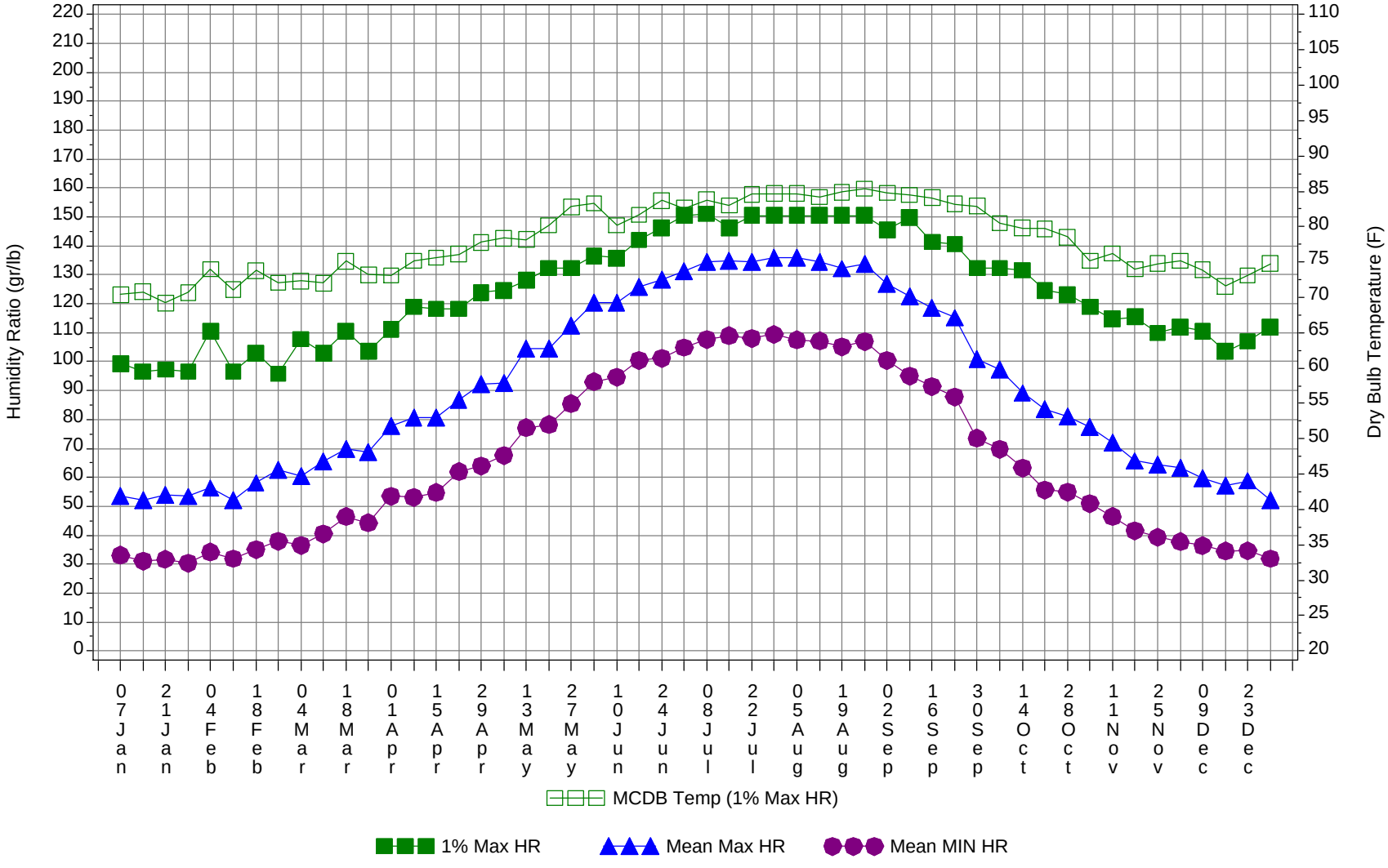
	Annual				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
105/109		0	0	0	77.1
100/104		7	1	8	76.2
95/ 99		74	16	90	77.2
90/ 94	0	353	86	439	76.5
85/ 89	3	328	115	446	75
80/ 84	93	448	322	863	73.1
75/ 79	442	354	502	1298	71.5
70/ 74	585	333	455	1373	67.5
65/ 69	252	196	243	691	62.3
60/ 64	322	234	310	866	57.9
55/ 59	251	173	226	650	52.4
50/ 54	245	155	215	615	48.1
45/ 49	246	132	190	568	43.2
40/ 44	144	57	97	298	39.1
35/ 39	173	51	92	316	34.9
30/ 34	108	19	38	165	30.2
25/ 29	45	5	11	61	25.4
20/ 24	7	1	2	10	20
15/ 19	3	0	0	3	16.1
10/ 14	1	0	0	1	10
5/ 9	0			0	7

Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure 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



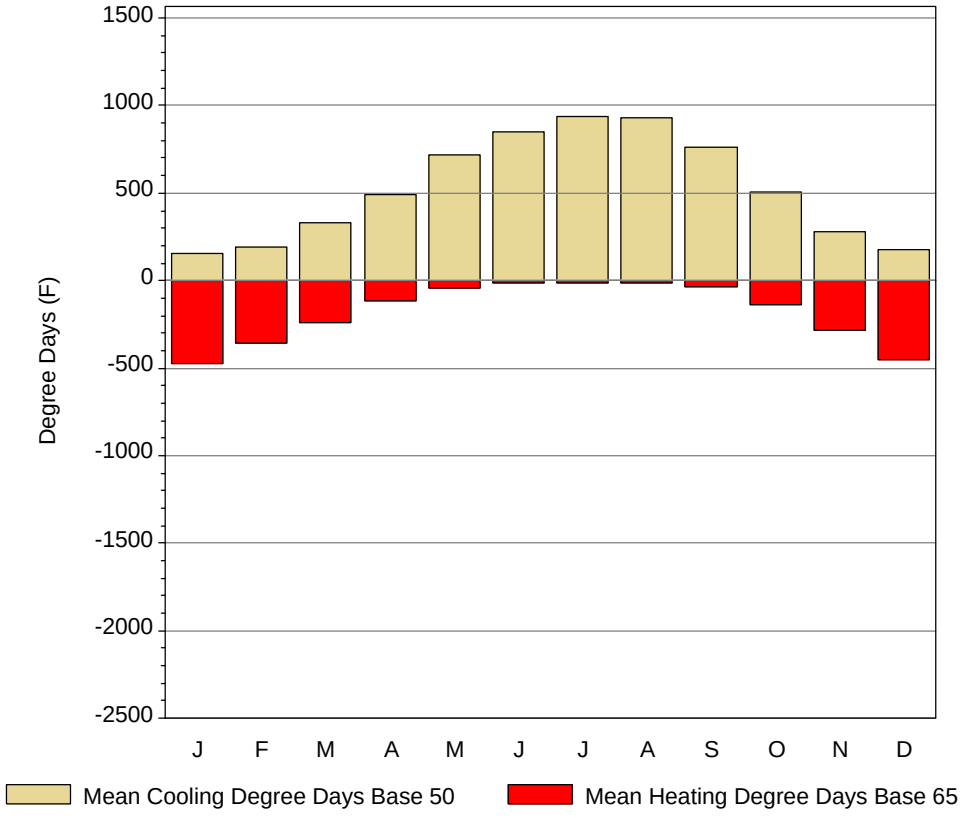
Long Term Humidity and Dry Bulb Temperature Summary



Long Term Humidity and Dry Bulb Temperature Summary

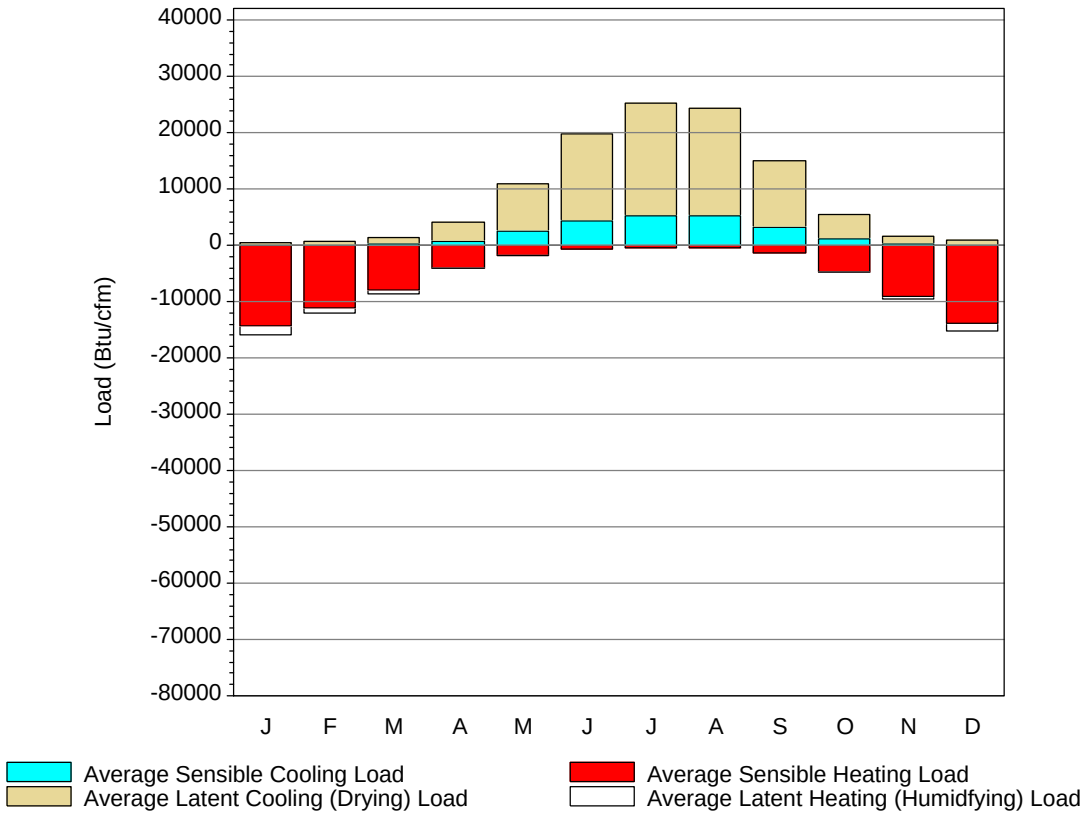
Week Ending	1.0% Temp (°F)	MCWB@ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB@ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	75	66.8	58.6	40.6	23	99.4	70.4	53.6	33
14-Jan	73	65	58.7	39.5	23	96.6	70.8	52.1	31
21-Jan	75	65.9	60.2	40.7	27	97.3	69.2	53.8	31.7
28-Jan	73	64.1	60.6	40.5	25	96.6	70.7	53.4	30.3
4-Feb	76	67.1	60.9	42.2	21	110.6	74	56.3	34.1
11-Feb	77	67.9	60	40.5	27	96.6	71.1	52.1	31.9
18-Feb	79	67.2	64.1	43.3	28	102.9	73.8	58.1	35
25-Feb	79	65.8	66.4	46.6	30	95.9	72.1	62.5	37.9
4-Mar	79	67.8	66.2	45	28	107.8	72.3	60.4	36.5
11-Mar	81	66.6	68.8	47.6	29	102.9	72	65.6	40.4
18-Mar	82	69.3	70.6	51.2	36	110.6	75.1	69.7	46.4
25-Mar	81	66.4	72.1	50.3	37	103.6	73.2	68.8	44.3
1-Apr	82	68.3	73.5	53.7	39	111.3	73.1	77.9	53.5
8-Apr	84	70.2	75.4	54.6	42	119	75.2	80.6	53.2
15-Apr	84	69.3	76.2	55.1	41	118.3	75.6	80.6	54.8
22-Apr	88	71.6	79.1	57.9	45	118.3	76.1	86.7	62
29-Apr	88	71.3	80.2	59.3	48	123.9	77.8	92.2	63.9
6-May	88.5	72.3	81.4	60.8	47	124.6	78.4	92.7	67.5
13-May	90	73.6	84.2	64.4	54	128.1	78.2	104.6	77.2
20-May	90	72.3	85	64.3	52	132.3	80.2	104.6	78.2
27-May	92	75	87.1	67.2	57	132.3	82.8	112.4	85.4
4-Jun	95	76.3	87.7	68.9	61	136.5	83.3	120.3	93
10-Jun	95	76.7	88.9	70.1	63	135.8	80.2	120.5	94.6
17-Jun	97	76	90.5	71.4	63	142.1	81.7	125.9	100.5
24-Jun	99	77.4	91.1	72	66	146.3	83.7	128.3	101.2
1-Jul	98	77	90.6	72.4	66	150.5	82.6	131.2	104.9
8-Jul	97	78.5	91.4	73	68	151.2	83.8	134.4	107.7
15-Jul	97	77.5	91.8	73.9	70	146.3	83	135	109
22-Jul	97	76.9	92	73.4	70	150.5	84.6	134.4	108.1
29-Jul	97	78.1	91.8	73.5	70	150.5	84.7	136	109.4
5-Aug	99	77.6	93.4	73.7	70	150.5	84.7	136.1	107.5
12-Aug	99	77.4	92.6	73.5	66	150.5	84.2	134.5	107.2
19-Aug	100	75.4	92.1	72.4	64	150.5	84.9	132.2	105.2
26-Aug	99	77.4	92.5	72.5	66	150.5	85.4	133.9	106.9
2-Sep	99	76	91	71.6	64	145.6	84.8	126.9	100.5
9-Sep	97	75.1	90.1	69.8	57	149.8	84.5	122.6	95.1
16-Sep	95	75	89	68.9	59	141.4	84.1	118.5	91.5
23-Sep	95	75	88.1	67	55	140.7	83.2	115.2	87.8
30-Sep	91	75.1	84.9	62.7	50	132.3	82.9	100.9	73.6
7-Oct	90	73.9	83.4	60.6	46	132.3	80.5	97.4	69.8
14-Oct	90	68.6	81.1	57.9	44	131.6	79.8	89.2	63.3
21-Oct	88	72.1	79.1	54	41	124.6	79.7	83.5	55.6
28-Oct	86	71.8	76.3	52.9	37	123.2	78.5	81	55
4-Nov	84	70.4	74.5	50.8	36	119	75.2	77.4	50.9
11-Nov	83	70.5	71.9	49.6	33	114.8	76.2	71.9	46.4
18-Nov	81	68.4	68.5	46.5	30	115.5	74	65.7	41.6
25-Nov	79	68	67.9	44.9	30	109.9	74.8	64.4	39.3
2-Dec	78	70.3	65.9	43.7	30	112	75.2	63.2	37.7
9-Dec	79	69.5	62.2	41.9	27	110.6	73.9	59.6	36.4
16-Dec	77	69.8	61.7	41.9	27	103.6	71.6	57.3	34.5
23-Dec	75	68.4	60.7	41.6	22	107.1	73.1	58.8	34.6
31-Dec	76	71.1	58.5	39.5	25	112	74.8	52.1	31.9

Degree Days, Heating and Cooling
(Base 65 F) & Cooling (Base 50F)



Month	Mean Cooling Degree Days (°F) Base 50	Mean Cooling Degree Days (°F) Base 65	Mean Heating Degree Days (°F) Base 65
JAN	158.4	16.9	471.7
FEB	189.8	27.8	358.1
MAR	331	66.5	241.5
APR	494	148.1	113.3
MAY	718.2	295.5	44.7
JUN	853.1	416.3	13.3
JUL	936.2	481.4	10.2
AUG	931.8	477.1	10.2
SEP	760.2	343.5	35.2
OCT	509.6	166.4	137.4
NOV	280.8	55.3	281.1
DEC	174.9	23.5	451
ANN	6338	2518.3	2167.7

Average Ventilation and Infiltration Loads
(Outside Air vs 75F, 60% RH summer; 68F, 30% RH winter)



Month	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	10	-14409	487	-1582
FEB	56	-11161	544	-969
MAR	206	-8001	1140	-507
APR	783	-4077	3237	-78
MAY	2452	-1707	8527	-1
JUN	4303	-561	15523	0
JUL	5275	-441	20009	0
AUG	5309	-472	18976	0
SEP	3272	-1340	11712	0
OCT	1146	-4777	4250	-72
NOV	179	-9071	1423	-502
DEC	31	-13814	873	-1353
ANN	23022	-69831	86701	-5064

Station Information		Shading Geometry in Dimensionless Units	
City, State, WBAN	LAKECHARLES, LA 03937	Window:	1.000
Lat, Lon, Elev	30.12N 93.22W 10ft	Overhang:	0.881
Press, Stn_Type	14.7psia Primary	Vert Gap:	0.649

AVERAGE INCIDENT SOLAR RADIATION (Btu/sq.ft./day) Percentage Uncertainty = 9

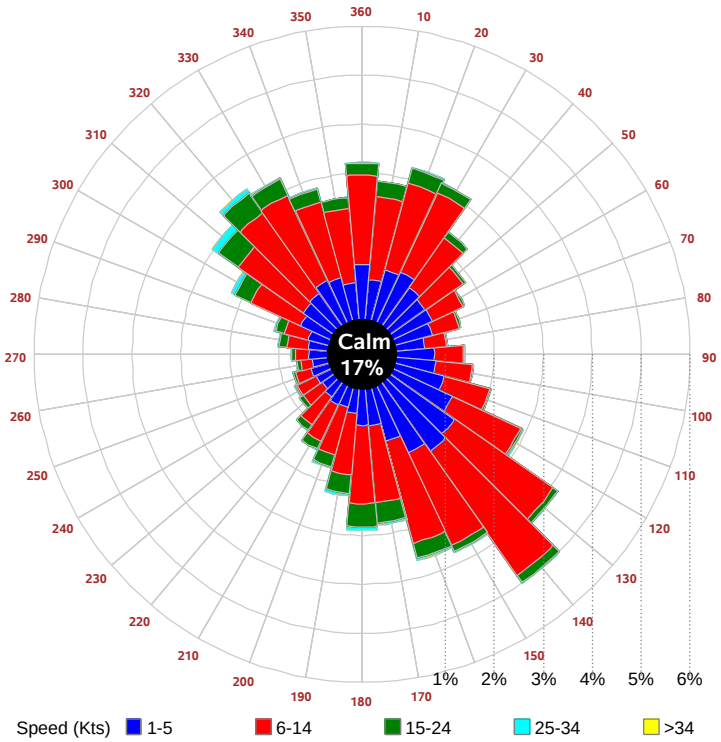
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ.	Global	860	1130	1420	1700	1900	2000	1900	1790	1590	1370	1010	820	1460
	Std.Dev.	78	97	115	136	131	148	102	113	93	104	90	58	31
	Minimum	670	970	1120	1430	1660	1700	1670	1480	1370	1090	750	740	1410
	Maximum	1020	1300	1650	2090	2230	2260	2140	2010	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 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

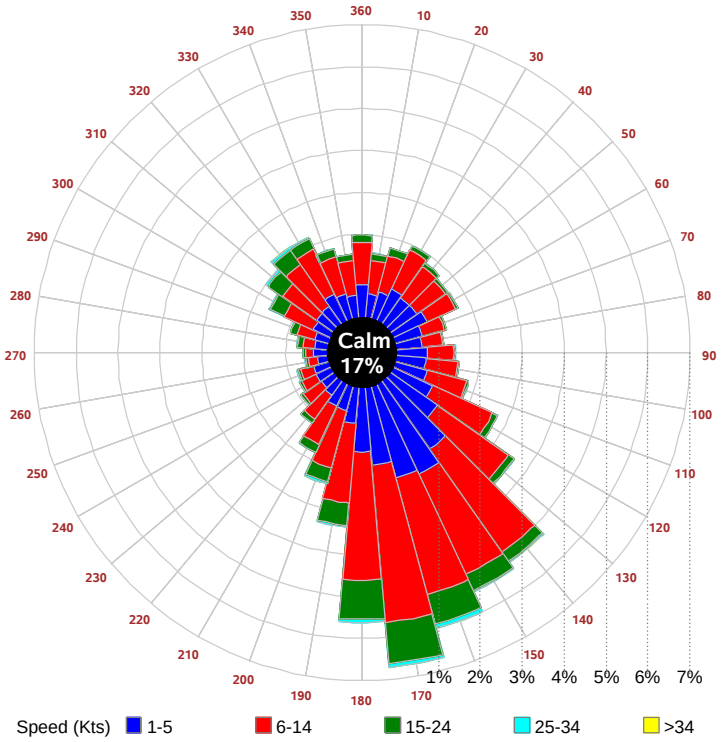
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS Percentage Uncertainty = 9											
				March					June		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	43	83	95	78	35	39	81	103	99	70
	M.Cloudy	23	49	59	46	21	28	62	79	74	49
NORTH	M.Clear	10	15	16	15	10	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

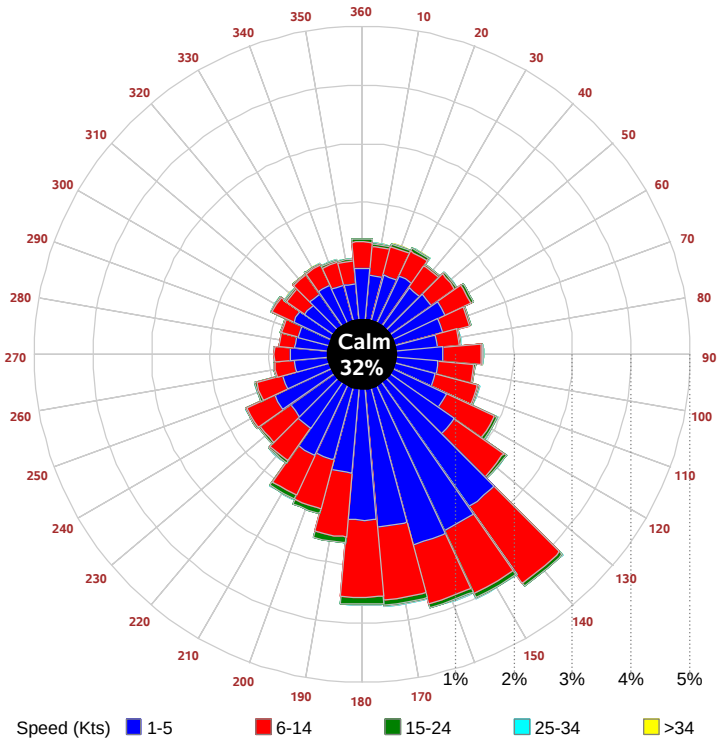
Wind Summary - December, January, and February



Wind Summary - March, April, and May



Wind Summary - June, July, and August



Wind Summary - September, October, and November