BLUE GRASS, KY	
Latitude = 38.04 N	Station ID = ICAO_KLEX
Longitude = 84.61 W	Elevation = 979 Feet
Period of Record = 1988 To 2017	Average Pressure = 29.00 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	95	74	99	8.6	W
0.4% Occurrence	91	74	102	8.1	WSW
1.0% Occurrence	90	74	103	8.1	SW
2.0% Occurrence	88	73	103	8	WSW
Mean Daily Range	18	-	-	-	W
97.5% Occurrence	19	17	10	7.9	W
99.0% Occurrence	14	12	8	8	W
99.6% Occurrence	9	8	6	7.4	WNW
Median of Extreme Lows	2	1	5	6.9	W

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	79	89	134	8.2	SW
0.4% Occurrence	77	87	125	8.2	WSW
1.0% Occurrence	76	85	122	8	SW
2.0% Occurrence	75	84	120	7.7	SW

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	141	85	0.9	8.5	SW
0.4% Occurrence	131	83	0.85	7.5	WSW
1.0% Occurrence	127	81	0.82	7.2	SW
2.0% Occurrence	123	79	0.79	6.9	SW

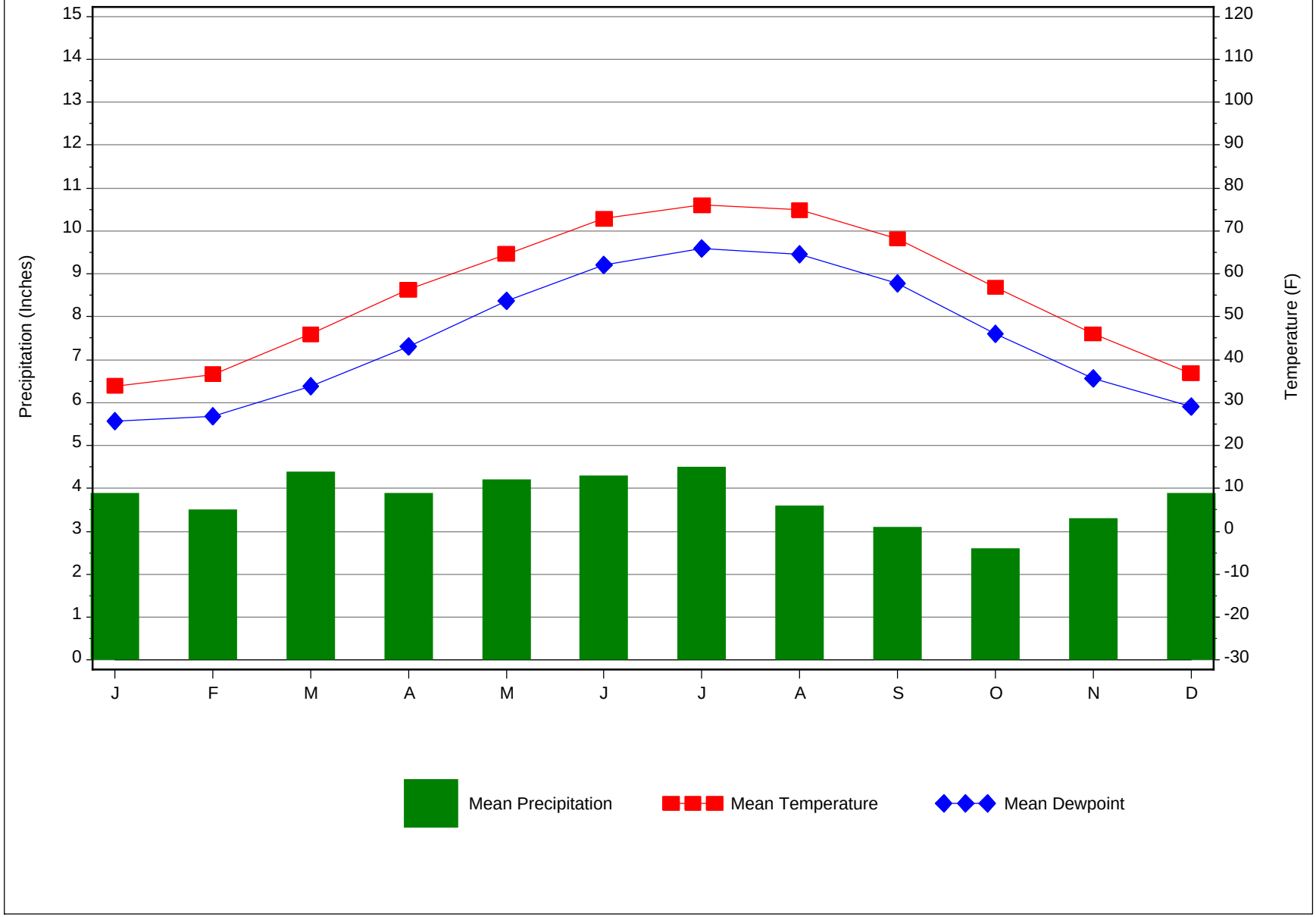
Air Conditioning/ Humid Area Criteria	**Threshold**	**T ≥ 93°F**	**T ≥ 80°F**	**Twb ≥ 73°F**	**Twb ≥ 67°F**
	# of Hours	30	782	471	1737

Other Site Data

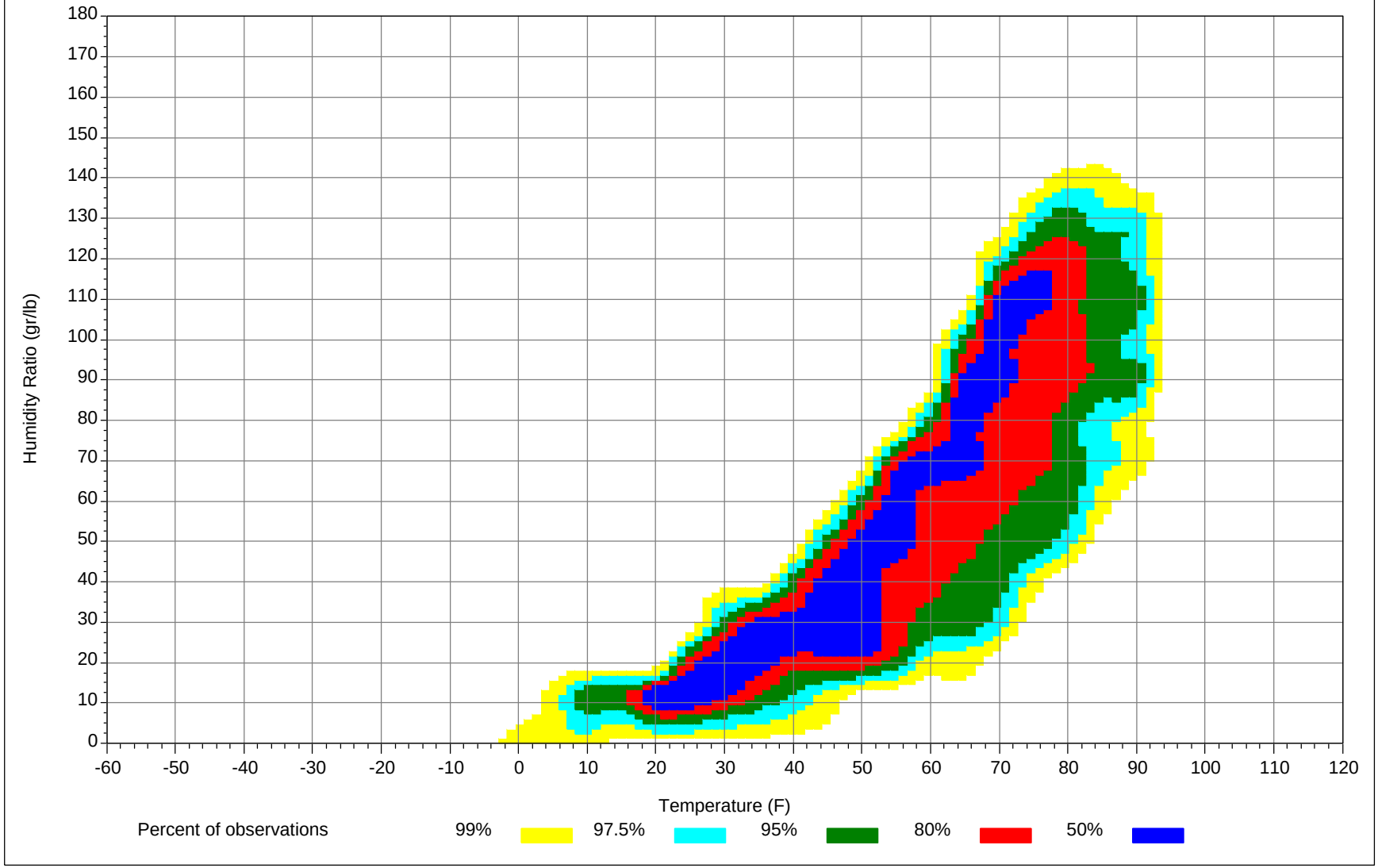
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
7	3	90	2.7 + 0.8
Ground Water Temperature (°F) 50 Foot Depth*	Frost Depth 50 Year Recurrence (in)	Ground Snow Load 50 Year Recurrence (lb/ft^2)	Average Annual Freeze-Thaw Cycles (#)
58.4	32	15	49

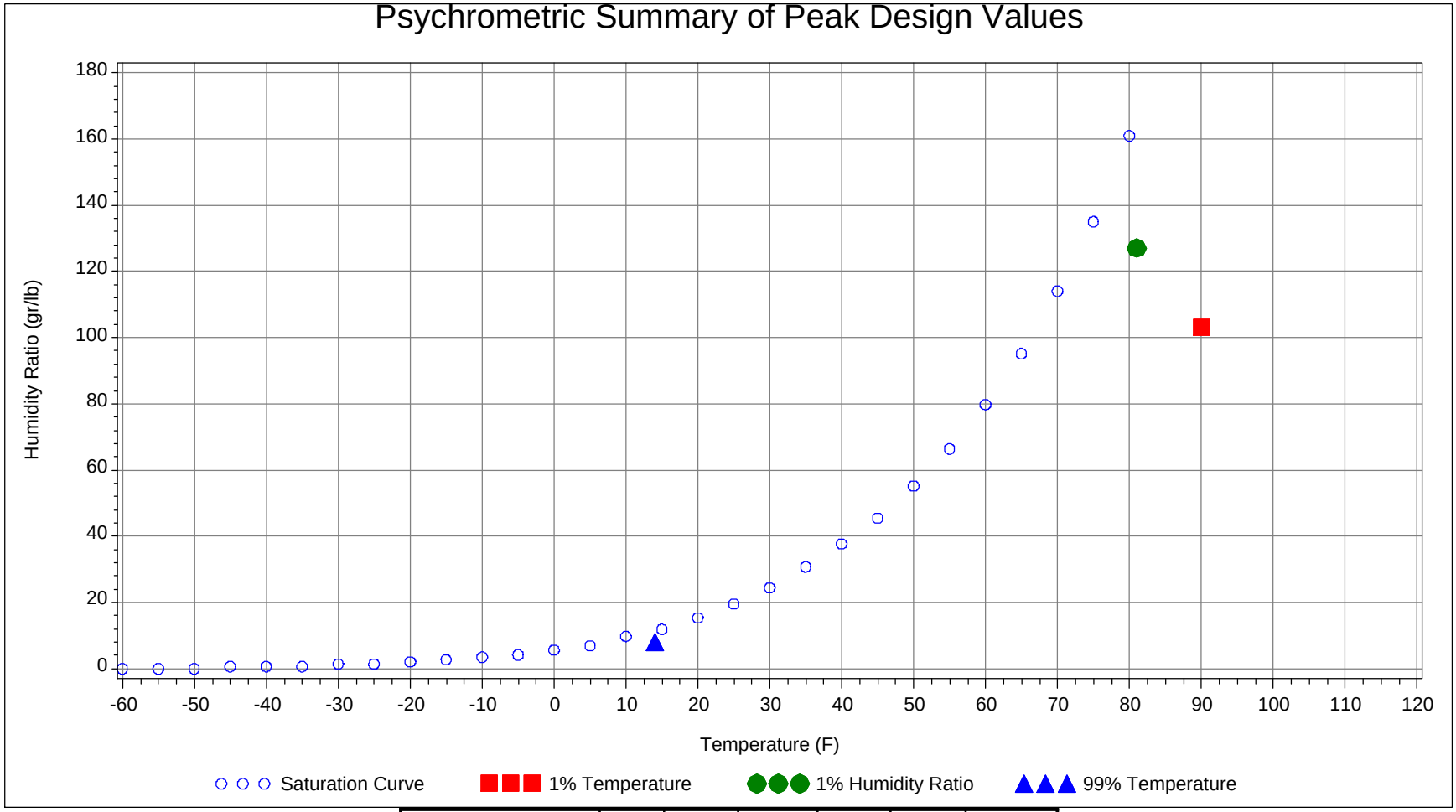
*Note: Temperatures at greater depths can be estimated by adding 1.5°F per 100 feet additional depth.

Average Annual Climate



Long Term Psychrometric Summary





	(°F) / (gr/lb)	MCDB (°F)	MCWB (°F)	MCDP (°F)	MCHR (gr/lb)	Enthalpy (btu/lb)
1.0% Dry Bulb	90.0		74		103.0	37.6
99.0% Dry Bulb	14.0				8.0	4.5
1.0% Humidity Ratio	127.0	81.0	75.4	73.0		39.4

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)**
100/104															
95/ 99															
90/ 94															
85/ 89															
80/ 84												1	0	1	64.8
75/ 79							0	0	0	61		5	2	7	62.1
70/ 74		0	0	0	59.1		1	1	2	58.6	0	13	7	20	58.8
65/ 69	0	2	1	3	58.8	0	3	2	5	55.7	3	13	11	27	56.7
60/ 64	3	9	6	18	57.3	2	10	8	20	53.7	13	25	25	63	54
55/ 59	9	13	11	33	52.7	9	16	11	36	50.2	19	28	29	76	49.9
50/ 54	12	19	16	47	47.2	10	21	18	49	46	28	35	34	97	46.3
45/ 49	17	24	23	64	42.2	17	27	28	72	41.3	31	38	39	108	41.4
40/ 44	15	22	20	57	38.2	18	22	23	63	37.6	27	24	27	78	37.6
35/ 39	35	43	43	121	33.9	33	36	38	107	33.6	42	33	36	111	33.5
30/ 34	49	40	46	135	29.4	47	38	43	128	29.5	41	20	23	84	29.4
25/ 29	39	33	33	105	24.4	38	25	28	91	24.4	26	8	12	46	24.5
20/ 24	20	15	18	53	19.8	18	11	11	40	19.8	11	3	2	16	19.9
15/ 19	22	15	18	55	15.7	17	9	10	36	15.4	4	1	1	6	16.1
10/ 14	13	7	8	28	10.4	7	3	3	13	10.5	1	0	0	1	10.8
5/ 9	7	3	3	13	6.1	4	1	1	6	5.9	0	0	0	0	6.9
0/ 4	5	2	1	8	1.3	1	0	0	1	1.5	0	0		0	1.5
-5/ -1	1	0	0	1	-3.4	0	0	0	0	-3.7	0			0	-1.5
-10/ -6	0	0	0	0	-7.6	0	0	0	0	-7.3					
-15/-11	0	0	0	0	-12.7	0			0	-11.8					
-20/-16	0	0	0	0	-17.3										
-25/-21	0			0	-20										

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)**
100/104												0	0	0	74.8
95/ 99												1	0	1	71.9
90/ 94							1	0	1	71.7		11	3	14	72.7
85/ 89		0	0	0	71.2		6	2	8	70		33	13	46	72.2
80/ 84		9	3	12	64.7	0	35	14	49	68.4	1	67	37	105	70.4
75/ 79	0	19	9	28	63.2	1	42	26	69	66.3	15	60	55	130	68.3
70/ 74	3	36	25	64	60.2	20	54	51	125	63.5	76	43	71	190	66.6
65/ 69	12	28	28	68	57.9	38	33	42	113	61	61	14	33	108	63.3
60/ 64	37	44	45	126	55	64	39	53	156	57.5	53	8	21	82	59.1
55/ 59	36	34	39	109	50.4	46	21	29	96	52.5	24	3	6	33	54.4
50/ 54	38	28	34	100	46.3	39	13	20	72	48.5	8	0	1	9	50.3
45/ 49	41	23	30	94	42.1	27	4	9	40	44.2	2		0	2	45.7
40/ 44	29	10	14	53	38.3	8	1	1	10	40.2	0			0	43.2
35/ 39	27	7	10	44	34.4	3	0	0	3	36.1					
30/ 34	12	1	3	16	29.6	0		0	0	32.3					
25/ 29	3	0	0	3	24.8										
20/ 24	1			1	20.1										
15/ 19															
10/ 14															
5/ 9															
0/ 4															
-5/ -1															
-10/ -6															
-15/-11															
-20/-16															
-25/-21															

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)**
100/104		1	0	1	72.7		0		0	73.7					
95/ 99		2	1	3	74.7		3	1	4	74.7		1	0	1	71.3
90/ 94		25	9	34	74.9		22	7	29	73.8		7	2	9	70.3
85/ 89	0	45	20	65	73.8		40	16	56	73.4		17	5	22	70.9
80/ 84	3	80	52	135	71.7	2	77	47	126	71.1	0	41	18	59	68.9
75/ 79	35	57	70	162	70.2	25	60	67	152	69.6	5	51	35	91	67.1
70/ 74	111	34	72	217	68.3	98	36	75	209	67.8	42	55	64	161	65.6
65/ 69	58	5	18	81	64.3	59	8	23	90	64	44	29	41	114	62.4
60/ 64	34	1	6	41	59.8	46	2	12	60	59.7	62	26	41	129	58.4
55/ 59	7		0	7	55.1	15	0	1	16	55	43	10	21	74	53.7
50/ 54	1			1	51.3	3		0	3	51.6	27	3	9	39	49.6
45/ 49						0			0	48	12	1	3	16	45.1
40/ 44											4		0	4	40.6
35/ 39											1			1	37.1
30/ 34															
25/ 29															
20/ 24															
15/ 19															
10/ 14															
5/ 9															
0/ 4															
-5/ -1															
-10/ -6															
-15/-11															
-20/-16															
-25/-21															

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)**
100/104															
95/ 99															
90/ 94		0		0	70.5										
85/ 89		1	0	1	69.4										
80/ 84		11	2	13	66.2		0	0	0	63.4					
75/ 79	0	22	8	30	64.1		2	0	2	64.4					
70/ 74	4	36	23	63	62.1	0	9	3	12	60	0	1	0	1	61.3
65/ 69	12	32	27	71	59.6	3	14	7	24	58.4	1	2	1	4	60.2
60/ 64	37	47	48	132	56.3	11	28	21	60	55.4	3	9	6	18	57.1
55/ 59	40	38	43	121	51.7	19	32	28	79	51.2	12	19	12	43	52.7
50/ 54	44	30	41	115	47.5	26	39	37	102	46.5	15	23	21	59	47.9
45/ 49	49	21	34	104	43.1	38	39	43	120	41.9	19	33	29	81	42.4
40/ 44	25	6	14	45	39.2	30	26	31	87	38	22	29	29	80	38.7
35/ 39	25	4	8	37	35	44	27	35	106	33.9	39	42	44	125	34.1
30/ 34	10	1	1	12	30.8	35	17	22	74	29.4	47	37	42	126	29.6
25/ 29	1			1	26.7	23	5	11	39	24.9	41	30	34	105	24.7
20/ 24						7	1	2	10	20.4	21	10	13	44	20.1
15/ 19						3	0	0	3	16.1	17	9	10	36	15.9
10/ 14						0		0	0	11.6	6	3	3	12	10.7
5/ 9											2	1	1	4	6.2
0/ 4											1	0	0	1	1.6
-5/ -1											0	0	0	0	-3
-10/ -6											0	0	0	0	-8
-15/-11											0	0	0	0	-11.6
-20/-16											0	0		0	-17
-25/-21															

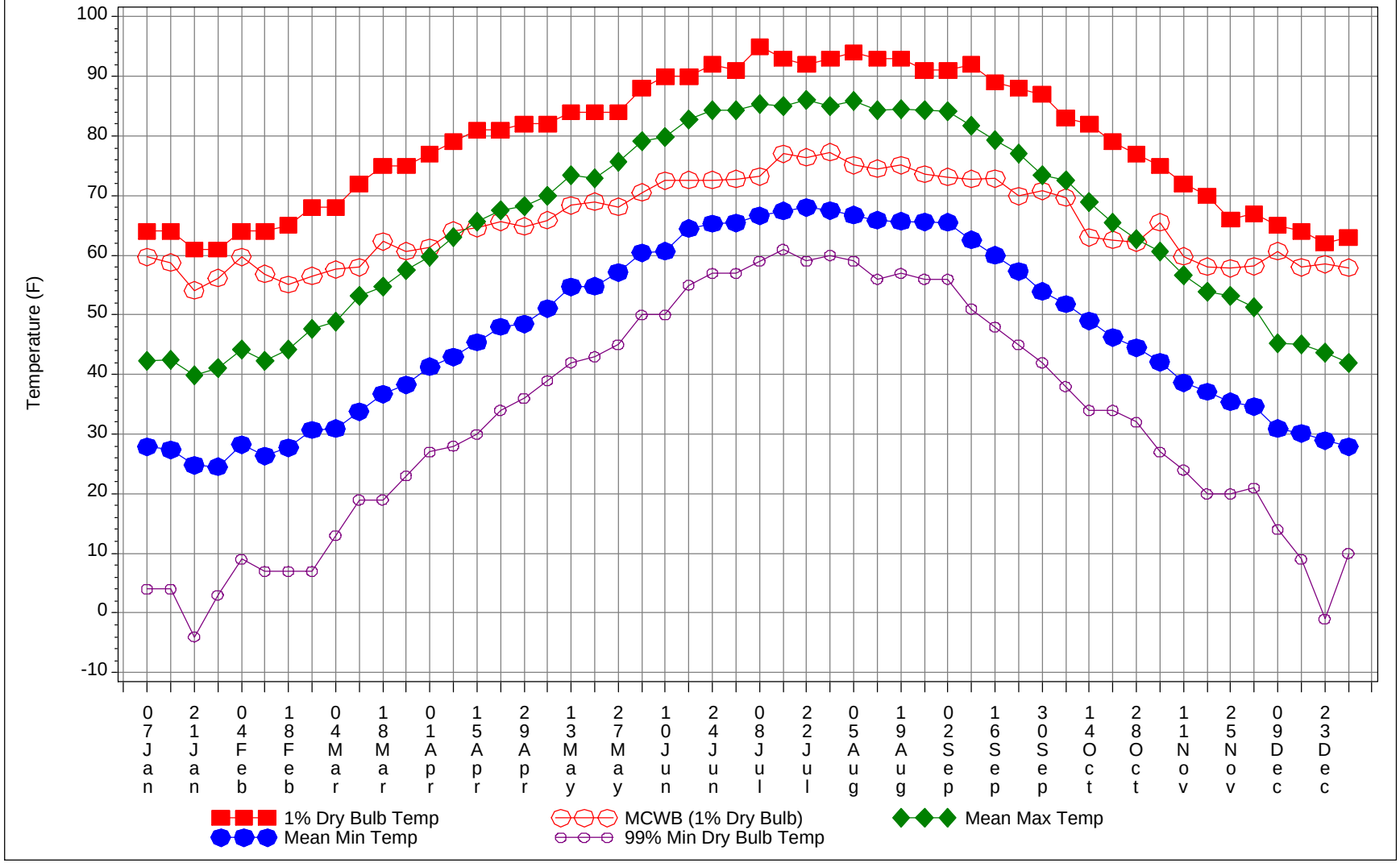
Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary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

Dry-Bulb Temperature Hours For An Average Year

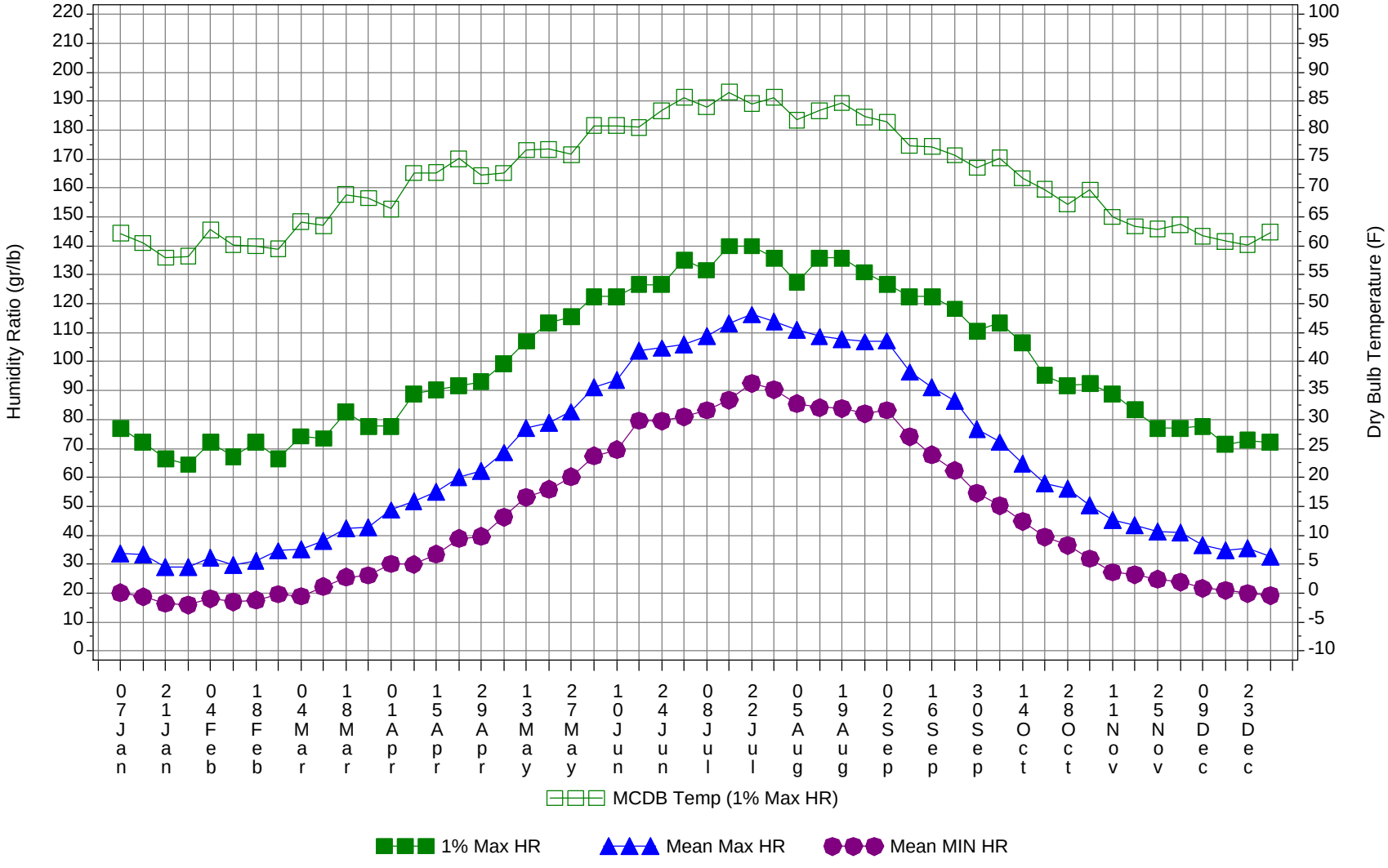
	Annual				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
100/104		1	0	1	73.3
95/ 99		7	2	9	73.9
90/ 94		66	21	87	73.7
85/ 89	0	144	57	201	72.8
80/ 84	6	323	176	505	70.3
75/ 79	83	320	275	678	68.2
70/ 74	360	321	393	1074	65.8
65/ 69	293	183	233	709	61.6
60/ 64	367	245	290	902	57
55/ 59	278	212	230	720	51.8
50/ 54	249	211	230	690	47.2
45/ 49	253	208	235	696	42.3
40/ 44	178	138	159	475	38.2
35/ 39	249	193	212	654	33.9
30/ 34	241	153	179	573	29.5
25/ 29	170	100	118	388	24.6
20/ 24	78	39	47	164	19.9
15/ 19	63	33	39	135	15.7
10/ 14	28	14	15	57	10.5
5/ 9	14	5	5	24	6.1
0/ 4	8	2	2	12	1.4
-5/ -1	2	0	1	3	-3.2
-10/ -6	1	1	1	3	-7.7
-15/-11	0	0	0	0	-12
-20/-16	0	0	0	0	-17.2
-25/-21	0			0	-20

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



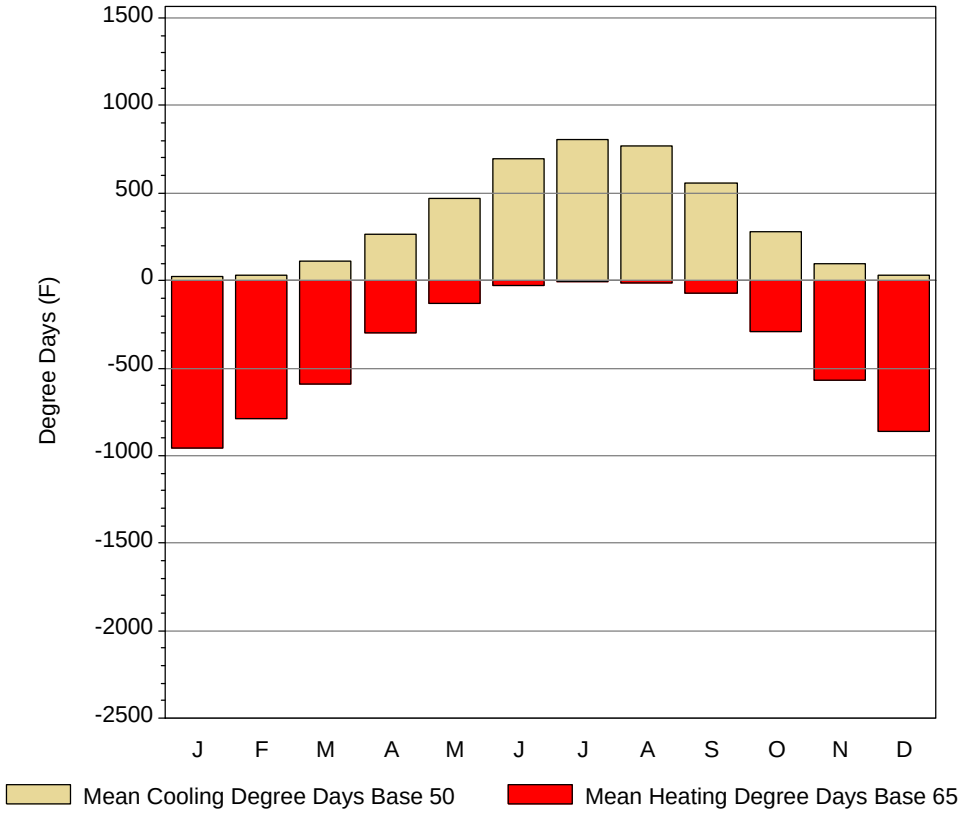
Long Term Humidity and Dry Bulb Temperature Summary



Long Term Humidity and Dry Bulb Temperature Summary

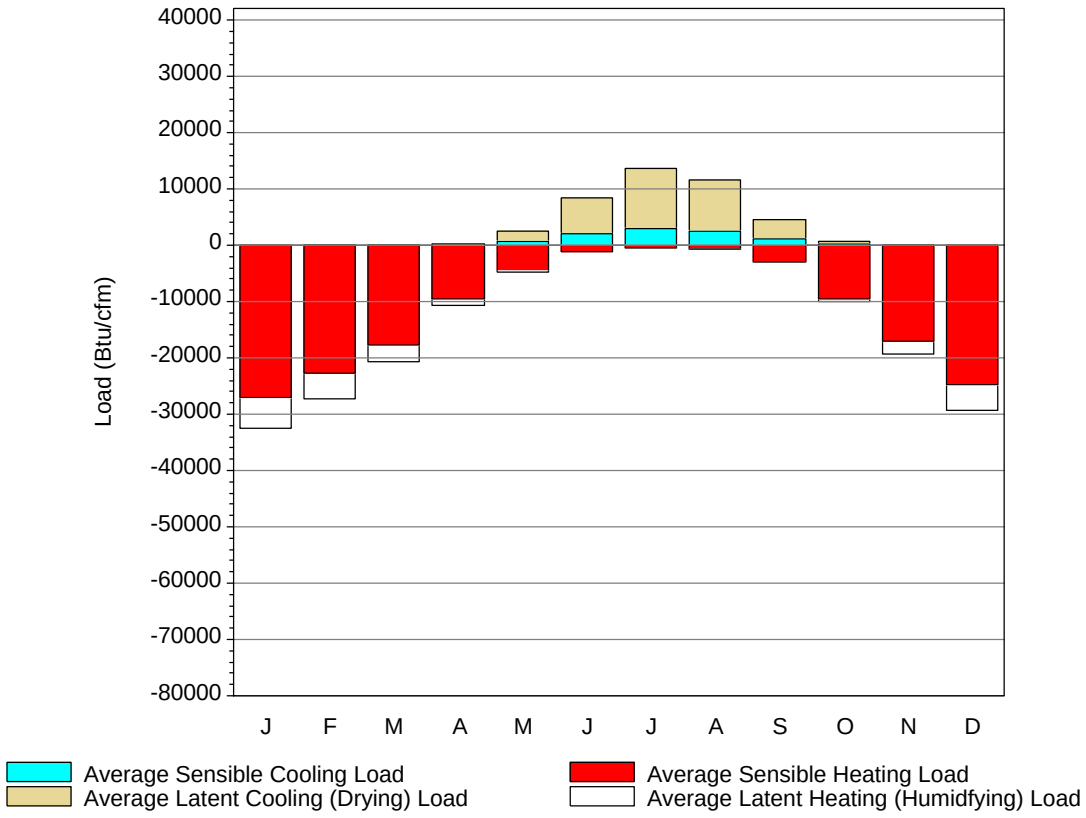
Week Ending	1.0% Temp (°F)	MCWB@ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB@ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	64	59.7	42.2	27.9	4	77	62.2	33.7	20.1
14-Jan	64	58.8	42.4	27.4	4	72.1	60.5	33.3	18.7
21-Jan	61	54.1	39.8	24.8	-4	66.5	58	29	16.4
28-Jan	61	56.2	41	24.5	3	64.4	58.2	28.9	15.9
4-Feb	64	59.7	44.2	28.2	9	72.1	62.8	32.3	18
11-Feb	64	56.9	42.2	26.3	7	67.2	60.2	29.7	17
18-Feb	65	55.1	44.2	27.7	7	72.1	60	31.2	17.6
25-Feb	68	56.5	47.7	30.7	7	66.5	59.5	34.6	19.6
4-Mar	68	57.6	48.9	30.9	13	74.2	64.2	35.1	18.9
11-Mar	72	58	53.2	33.8	19	73.5	63.5	38.1	22.2
18-Mar	75	62.3	54.7	36.7	19	82.6	68.9	42.5	25.5
25-Mar	75	60.7	57.5	38.3	23	77.7	68.3	42.7	26.1
1-Apr	77	61.3	59.8	41.3	27	77.7	66.4	48.7	30.1
8-Apr	79	64.1	63	42.9	28	88.9	72.6	51.9	29.9
15-Apr	81	64.6	65.7	45.4	30	90.3	72.7	55	33.4
22-Apr	81	65.6	67.6	48	34	91.7	75.1	60.2	38.9
29-Apr	82	64.8	68.2	48.5	36	93.1	72.2	62.2	39.5
6-May	82	65.9	69.9	51.1	39	99.4	72.6	68.6	46.3
13-May	84	68.4	73.4	54.7	42	107.1	76.6	77	53.1
20-May	84	69	72.9	54.8	43	113.4	76.7	79	55.8
27-May	84	68.1	75.6	57.1	45	115.5	75.8	82.7	60.2
4-Jun	88	70.5	79.2	60.4	50	122.5	80.8	91.2	67.4
10-Jun	90	72.5	79.8	60.7	50	122.5	80.8	93.8	69.6
17-Jun	90	72.6	82.8	64.5	55	126.7	80.5	103.7	79.6
24-Jun	92	72.6	84.3	65.3	57	126.7	83.4	104.7	79.5
1-Jul	91	72.8	84.3	65.4	57	135.1	85.7	106	80.9
8-Jul	95	73.2	85.3	66.6	59	131.6	84	109	83.2
15-Jul	93	77	85.1	67.4	61	140	86.6	113.2	86.8
22-Jul	92	76.4	86.1	68	59	140	84.6	116.3	92.5
29-Jul	93	77.3	85	67.5	60	135.8	85.7	113.9	90.4
5-Aug	94	75.1	85.8	66.7	59	127.4	81.8	110.9	85.4
12-Aug	93	74.5	84.4	65.9	56	135.8	83.4	108.7	84.1
19-Aug	93	75.1	84.5	65.7	57	135.8	84.7	107.9	83.9
26-Aug	91	73.6	84.4	65.6	56	130.9	82.3	106.9	82
2-Sep	91	73.1	84.1	65.5	56	126.7	81.4	107.2	83.2
9-Sep	92	72.8	81.7	62.6	51	122.5	77.3	96.4	74.1
16-Sep	89	72.9	79.3	60	48	122.5	77.2	91.1	67.8
23-Sep	88	69.9	77	57.3	45	118.3	75.7	86.4	62.4
30-Sep	87	70.8	73.4	53.9	42	110.6	73.5	76.8	54.5
7-Oct	83	69.7	72.5	51.8	38	113.4	75.2	72.2	50.2
14-Oct	82	63	69	49	34	106.4	71.7	64.8	44.8
21-Oct	79	62.6	65.4	46.2	34	95.2	69.8	57.8	39.4
28-Oct	77	62.1	62.7	44.5	32	91.7	67.2	56.1	36.5
4-Nov	75	65.5	60.7	42.1	27	92.4	69.7	50.2	31.9
11-Nov	72	59.8	56.7	38.6	24	88.9	65	45.3	27.2
18-Nov	70	58.1	53.9	37.1	20	83.3	63.4	43.4	26.3
25-Nov	66	57.8	53.1	35.4	20	77	62.9	41.2	24.7
2-Dec	67	58.2	51.2	34.6	21	77	63.7	41	23.8
9-Dec	65	60.7	45.3	30.9	14	77.7	61.7	36.5	21.6
16-Dec	64	58	45.1	30.1	9	71.4	60.8	34.9	20.9
23-Dec	62	58.5	43.7	28.9	-1	72.8	60.2	35.4	19.9
31-Dec	63	57.9	42	27.9	10	72.1	62.4	32.6	19.2

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	23.8	0.2	953.1
FEB	32.2	0.9	787.5
MAR	112.8	11.3	593.1
APR	263.6	45.5	298.3
MAY	472.7	124.9	127.1
JUN	694.3	268.3	24.2
JUL	805.5	346.5	6
AUG	771.3	318.5	12.3
SEP	556	175.9	73.4
OCT	278.1	48.8	291.1
NOV	94.9	5.7	566.1
DEC	29.3	0.4	862.8
ANN	4134.5	1346.9	4595

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	0	-27109	3	-5466
FEB	1	-22595	1	-4588
MAR	15	-17643	9	-3031
APR	131	-9585	157	-966
MAY	635	-4636	1838	-65
JUN	2044	-1141	6477	0
JUL	2871	-393	10679	-2
AUG	2558	-679	8988	-1
SEP	1119	-2876	3420	-9
OCT	161	-9458	512	-520
NOV	4	-16922	42	-2394
DEC	0	-24765	6	-4449
ANN	9539	-137802	32132	-21491

Station Information		Shading Geometry in Dimensionless Units	
City, State, WBAN	LEXINGTON, KY 93820	Window:	1.000
Lat, Lon, Elev	38.03N 84.60W 988ft	Overhang:	0.478
Press, Stn_Type	14.2psia Secondary	Vert Gap:	0.310

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	640	870	1190	1550	1810	1960	1890	1730	1410	1090	700	550	1280
	Std.Dev.	49	66	98	142	132	118	108	93	94	84	70	48	40
	Minimum	550	770	1010	1270	1500	1780	1570	1590	1260	890	560	490	1210
	Maximum	740	1020	1380	1870	2040	2390	2040	1930	1600	1330	830	660	1390
	Diffuse	360	470	610	720	830	890	880	770	640	460	370	320	610
Clear Day	Global	980	1320	1790	2250	2520	2620	2540	2280	1880	1410	1020	860	1790
NORTH	Global	210	280	360	440	550	620	590	490	390	300	220	190	390
	Diffuse	210	280	360	440	500	540	530	470	390	300	220	190	370
Clear Day	Global	190	250	330	430	570	680	620	480	370	280	210	180	380
EAST	Global	420	540	710	890	1010	1070	1060	990	830	680	440	350	750
	Diffuse	260	330	430	530	600	640	630	580	480	370	270	220	440
Clear Day	Global	720	920	1150	1340	1420	1440	1410	1320	1150	940	720	630	1100
SOUTH	Global	900	980	990	920	800	750	770	910	1040	1160	920	810	910
	Diffuse	350	420	490	540	560	580	580	570	530	450	360	320	480
Clear Day	Global	1940	1950	1760	1360	1020	870	930	1180	1550	1810	1850	1850	1500
WEST	Global	420	550	710	890	990	1070	1040	990	840	680	450	360	750
	Diffuse	260	340	440	530	610	650	640	580	490	370	270	220	450
Clear Day	Global	720	920	1150	1340	1420	1440	1410	1320	1150	940	720	630	1100

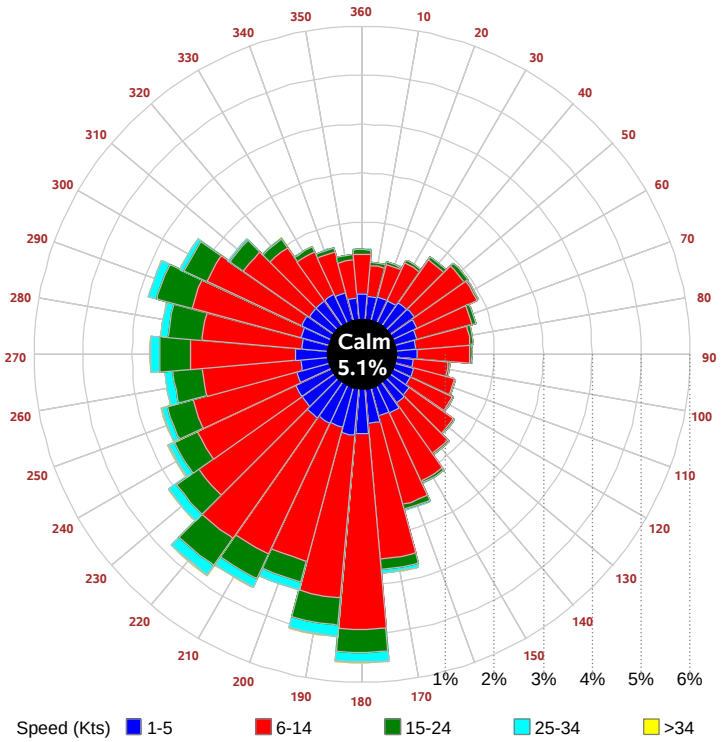
Average Annual Solar Radiation - Nearest Available Site Source: National Renewable Energy Laboratory, Golden CO, 1995

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	420	600	840	1110	1310	1420	1370	1250	1010	760	470	360	910
NORTH	Unshaded	150	190	250	300	360	410	390	330	270	210	160	130	260
	Shaded	130	170	220	270	330	360	350	300	240	190	140	110	230
EAST	Unshaded	290	380	500	630	720	760	750	710	590	480	310	240	530
	Shaded	260	340	440	550	630	660	650	620	520	430	280	220	470
SOUTH	Unshaded	670	710	680	590	500	460	470	570	700	830	680	610	620
	Shaded	650	660	550	410	350	360	360	390	520	740	650	590	520
WEST	Unshaded	290	380	500	630	710	760	740	700	600	480	310	250	530
	Shaded	260	340	450	560	620	660	640	620	530	430	280	220	470

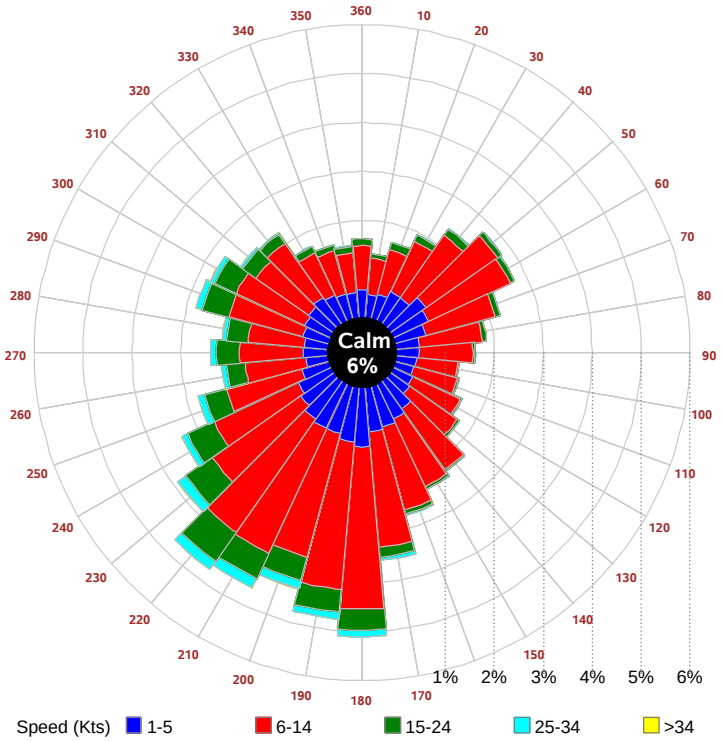
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS Percentage Uncertainty = 9											
				March					June		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	28	66	83	73	40	34	75	98	99	76
	M.Cloudy	15	38	49	45	24	22	49	71	72	55
NORTH	M.Clear	8	13	15	14	10	21	16	17	17	17
	M.Cloudy	7	14	17	16	10	13	16	19	19	17
EAST	M.Clear	67	66	23	14	10	66	78	46	17	17
	M.Cloudy	18	30	19	16	10	28	43	36	19	17
SOUTH	M.Clear	27	64	81	71	39	10	23	42	43	26
	M.Cloudy	10	29	38	36	18	9	20	33	34	22
WEST	M.Clear	8	13	15	57	74	10	16	17	39	73
	M.Cloudy	7	14	17	31	27	9	16	19	32	47
M.Clear	(% hrs)	29	26	25	23	24	39	39	31	29	31

				Sept					Dec		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	16	58	82	83	58	7	37	49	38	9
	M.Cloudy	9	34	54	56	38	4	20	27	22	6
NORTH	M.Clear	6	13	16	16	14	3	9	11	9	4
	M.Cloudy	4	13	18	18	14	2	9	11	9	3
EAST	M.Clear	44	75	43	16	14	26	46	12	9	4
	M.Cloudy	13	32	29	18	14	5	17	11	9	3
SOUTH	M.Clear	10	46	70	71	47	20	72	89	74	24
	M.Cloudy	5	23	40	42	27	4	22	29	24	6
WEST	M.Clear	6	13	16	40	72	3	9	11	45	30
	M.Cloudy	4	13	18	29	36	2	9	11	17	7
M.Clear	(% hrs)	43	43	38	33	37	25	24	24	23	24

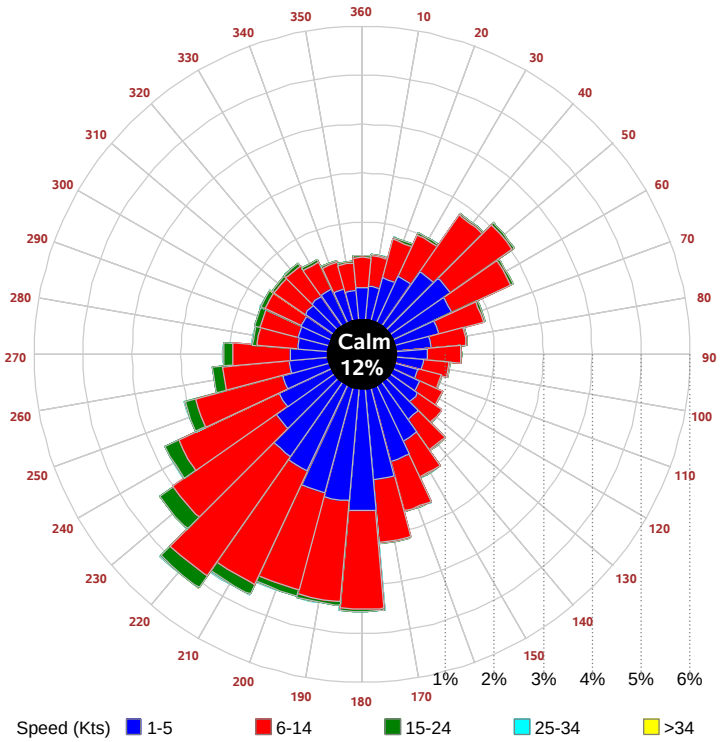
Wind Summary - December, January, and February



Wind Summary - March, April, and May



Wind Summary - June, July, and August



Wind Summary - September, October, and November