BIRMINGHAM INTL, AL	
Latitude = 33.56 N	Station ID = ICAO_KBHM
Longitude = 86.75 W	Elevation = 644 Feet
Period of Record = 1988 To 2017	Average Pressure = 29.40 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	98	75	96	7.6	VRB
0.4% Occurrence	95	75	99	8	VRB
1.0% Occurrence	93	75	102	7.8	VRB
2.0% Occurrence	91	74	104	7.5	VRB
Mean Daily Range	20	-	-	-	N
97.5% Occurrence	30	27	17	4.7	N
99.0% Occurrence	25	23	13	5.1	N
99.6% Occurrence	21	19	11	6.3	N
Median of Extreme Lows	14	12	7	7.8	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	80	90	137	6.8	VRB
0.4% Occurrence	79	89	132	6.7	W
1.0% Occurrence	78	88	128	6.7	W
2.0% Occurrence	77	87	124	6.6	W

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	151	85	0.99	7.1	W
0.4% Occurrence	135	83	0.88	5	W
1.0% Occurrence	134	82	0.88	4.8	W
2.0% Occurrence	127	81	0.83	5.2	W

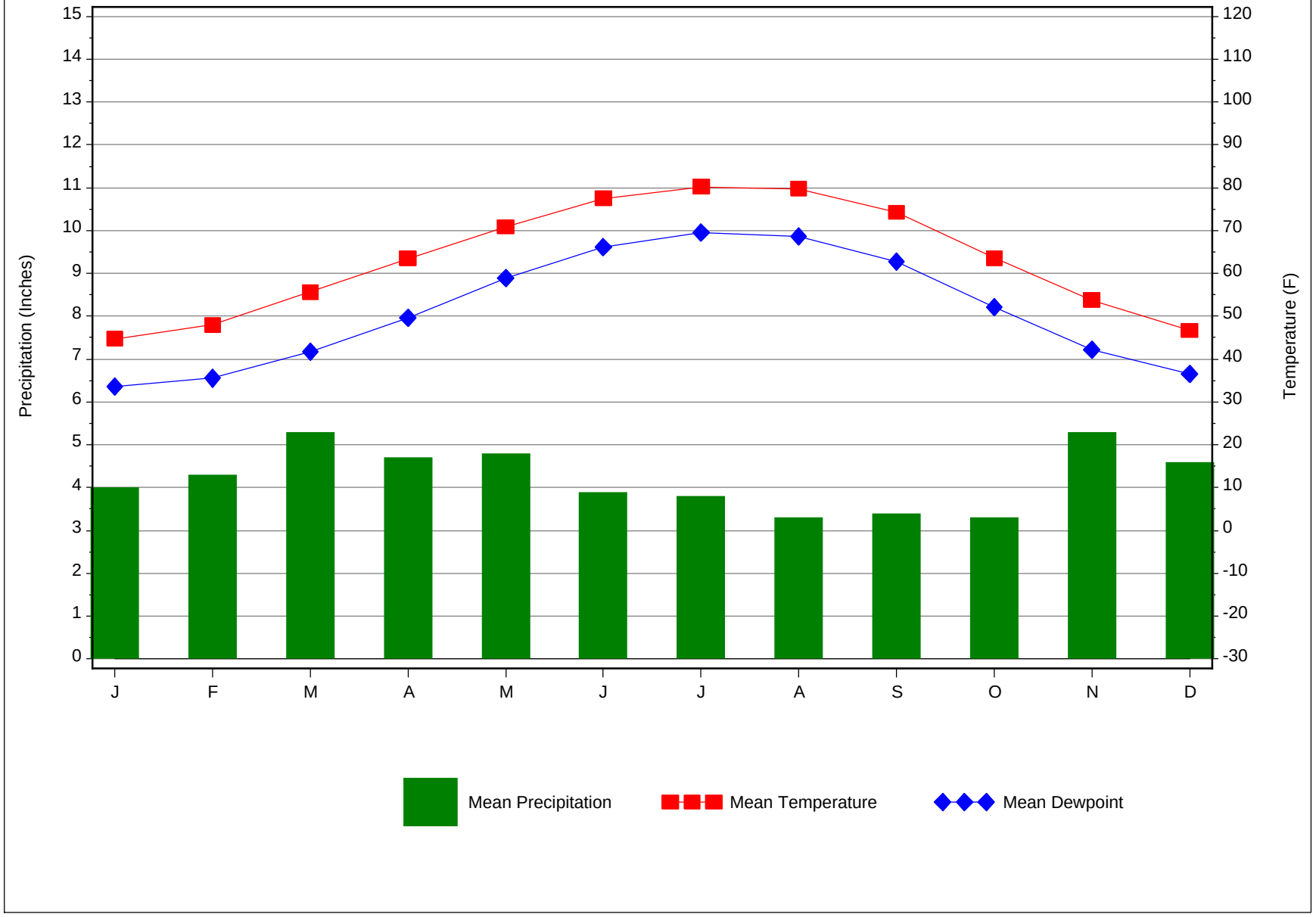
Air Conditioning/ Humid Area Criteria	**Threshold**	**T ≥ 93°F**	**T ≥ 80°F**	**Twb ≥ 73°F**	**Twb ≥ 67°F**
	# of Hours	113	1442	1216	2904

Other Site Data

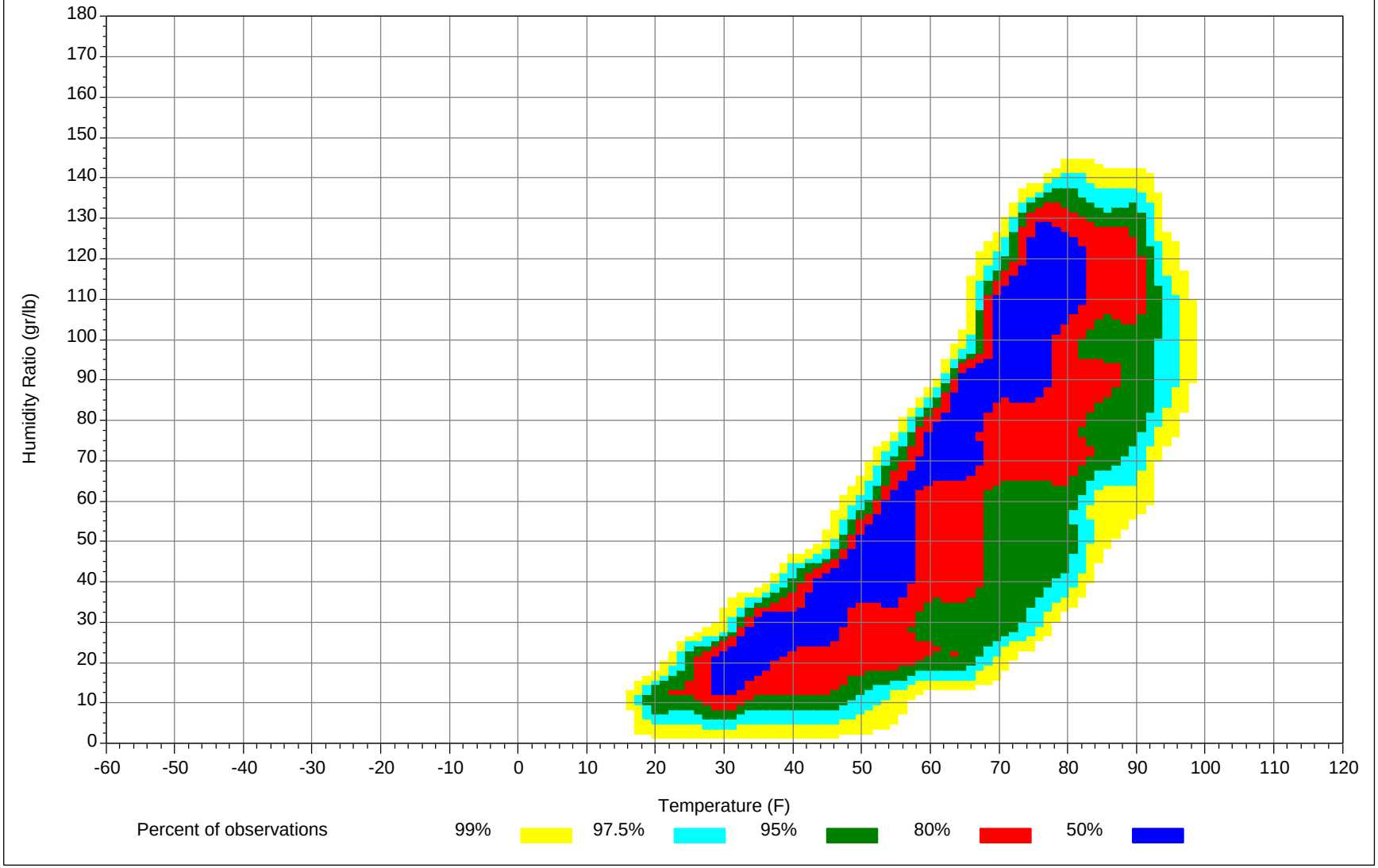
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
11	3.3	90	4.8 + 1.5
Ground Water Temperature (°F) 50 Foot Depth*	Frost Depth 50 Year Recurrence (in)	Ground Snow Load 50 Year Recurrence (lb/ft^2)	Average Annual Freeze-Thaw Cycles (#)
65.8	6	5	32

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

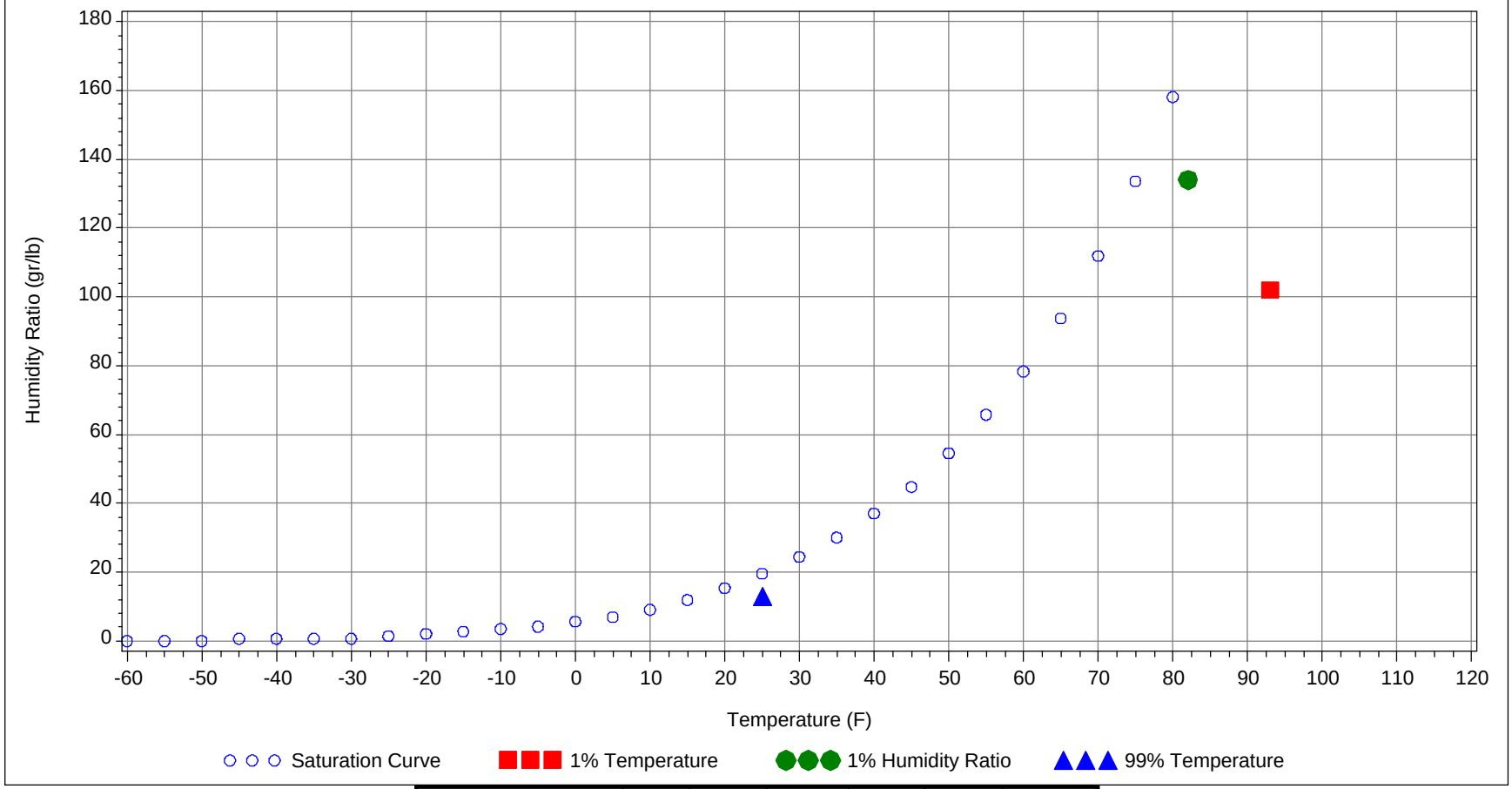
Average Annual Climate



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	93.0		75		102.0	38.3
99.0% Dry Bulb	25.0				13.0	8.0
1.0% Humidity Ratio	134.0	82.0	77.1	75.1		40.7

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															
85/ 89												1	0	1	62.8
80/ 84							0	0	0	65.3		8	2	10	64
75/ 79		1		1	64.2		3	0	3	64.5		25	9	34	61.5
70/ 74	0	9	3	12	61.8	1	13	6	20	60.8	3	38	23	64	59.6
65/ 69	2	12	7	21	60	4	21	13	38	58	12	33	25	70	57.6
60/ 64	16	31	23	70	56.8	16	35	26	77	54.9	39	43	44	126	55.3
55/ 59	22	31	25	78	51.4	23	34	27	84	50.3	38	34	38	110	50.8
50/ 54	20	39	31	90	46.5	26	34	33	93	45.9	36	28	36	100	46.5
45/ 49	32	46	40	118	41.7	29	33	35	97	41.6	40	21	32	93	42
40/ 44	25	25	30	80	37.8	23	19	24	66	37.7	26	9	17	52	38.2
35/ 39	41	29	39	109	33.5	41	20	31	92	33.8	30	6	15	51	34.2
30/ 34	37	14	26	77	28.9	31	9	19	59	29.1	16	2	5	23	29.7
25/ 29	26	7	18	51	24	20	3	7	30	24.5	6	1	2	9	25
20/ 24	13	3	5	21	19.6	6	1	2	9	19.9	1	0	1	2	19.6
15/ 19	10	1	2	13	15.9	3	0	0	3	15.8	1		0	1	16.1
10/ 14	1	0	0	1	10.3	0	0	0	0	11	0		0	0	11.2
5/ 9	1			1	6.7	0	0	0	0	6.5	0			0	6.7
0/ 4						0			0	3	0			0	3

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	0	72.7
95/ 99												7	1	8	73.8
90/ 94		0		0	68.7		7	1	8	72.3		43	10	53	73.3
85/ 89		4	0	4	66.9	0	30	6	36	70.4	1	60	21	82	72.9
80/ 84		32	9	41	65.6	1	71	29	101	68.6	16	71	46	133	71.9
75/ 79	1	48	23	72	63.1	17	60	44	121	67.1	56	38	68	162	70.8
70/ 74	17	57	45	119	61.5	66	44	65	175	65.4	105	17	70	192	68.7
65/ 69	33	33	37	103	59.9	55	20	44	119	62.7	37	3	17	57	64.8
60/ 64	57	35	45	137	56.7	49	11	31	91	58.7	19	1	6	26	60.1
55/ 59	40	17	34	91	51.8	27	3	16	46	53.7	4		1	5	55.7
50/ 54	36	8	24	68	47.6	21	1	9	31	49.7	1		0	1	51.2
45/ 49	30	4	16	50	43.4	10	0	2	12	45.6	0			0	48
40/ 44	14	1	5	20	39.6	3	0	0	3	42.4					
35/ 39	10	0	2	12	35.6	0			0	39					
30/ 34	3		0	3	30.7										
25/ 29	0			0	26.3										
20/ 24															
15/ 19															
10/ 14															
5/ 9															
0/ 4															

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	71					
100/104		1	0	1	75.7		3	0	3	74.4		0		0	75
95/ 99		14	2	16	75.9		15	3	18	75		5	0	5	72.4
90/ 94	0	69	15	84	75.5	0	65	14	79	74.8		26	3	29	72.1
85/ 89	3	70	27	100	74.9	2	67	24	93	74.2	0	44	10	54	71.8
80/ 84	29	64	66	159	73.9	24	67	62	153	73.3	5	74	33	112	70.4
75/ 79	94	25	85	204	72.7	90	22	86	198	72.4	37	49	61	147	69.4
70/ 74	105	6	49	160	70.1	98	7	48	153	69.7	90	28	73	191	67.5
65/ 69	13	0	3	16	65.4	23	1	7	31	65	43	8	28	79	63.4
60/ 64	4		0	4	60.6	9		2	11	60.6	37	4	21	62	59
55/ 59	0			0	56.7	2		0	2	56.4	17	2	9	28	54.4
50/ 54						0			0	53.7	8	0	3	11	50.2
45/ 49											3		1	4	45.5
40/ 44											0			0	41.8
35/ 39															
30/ 34															
25/ 29															
20/ 24															
15/ 19															
10/ 14															
5/ 9															
0/ 4															

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		0		0	66.6										
85/ 89		8	0	8	68.3		0		0	64.6					
80/ 84		39	5	44	66.8		3	0	3	66					
75/ 79	4	52	20	76	65.3		12	1	13	63.7		2	0	2	66.5
70/ 74	28	58	44	130	63.7	5	36	12	53	61.9	2	11	4	17	64.2
65/ 69	33	35	35	103	60.6	13	34	21	68	60	7	17	9	33	61.5
60/ 64	47	30	49	126	57	28	49	35	112	55.7	16	34	22	72	57
55/ 59	40	16	36	92	52.8	27	39	35	101	50.7	21	38	28	87	51.5
50/ 54	38	7	29	74	48.7	33	32	42	107	46.5	27	43	35	105	46.6
45/ 49	32	2	21	55	44.3	43	22	41	106	42.3	33	41	38	112	41.8
40/ 44	14	1	6	21	40.2	29	8	22	59	38.6	26	24	30	80	38
35/ 39	11	0	3	14	36.1	33	5	21	59	34.6	39	25	41	105	33.8
30/ 34	2		0	2	31.9	18	0	8	26	30.1	39	9	27	75	29.4
25/ 29						9	0	1	10	25.7	28	3	10	41	25.1
20/ 24						1		0	1	20.8	6	1	2	9	20
15/ 19											3	1	0	4	16
10/ 14											1	0	0	1	10.5
5/ 9											0	0	0	0	5.5
0/ 4											0			0	2.1

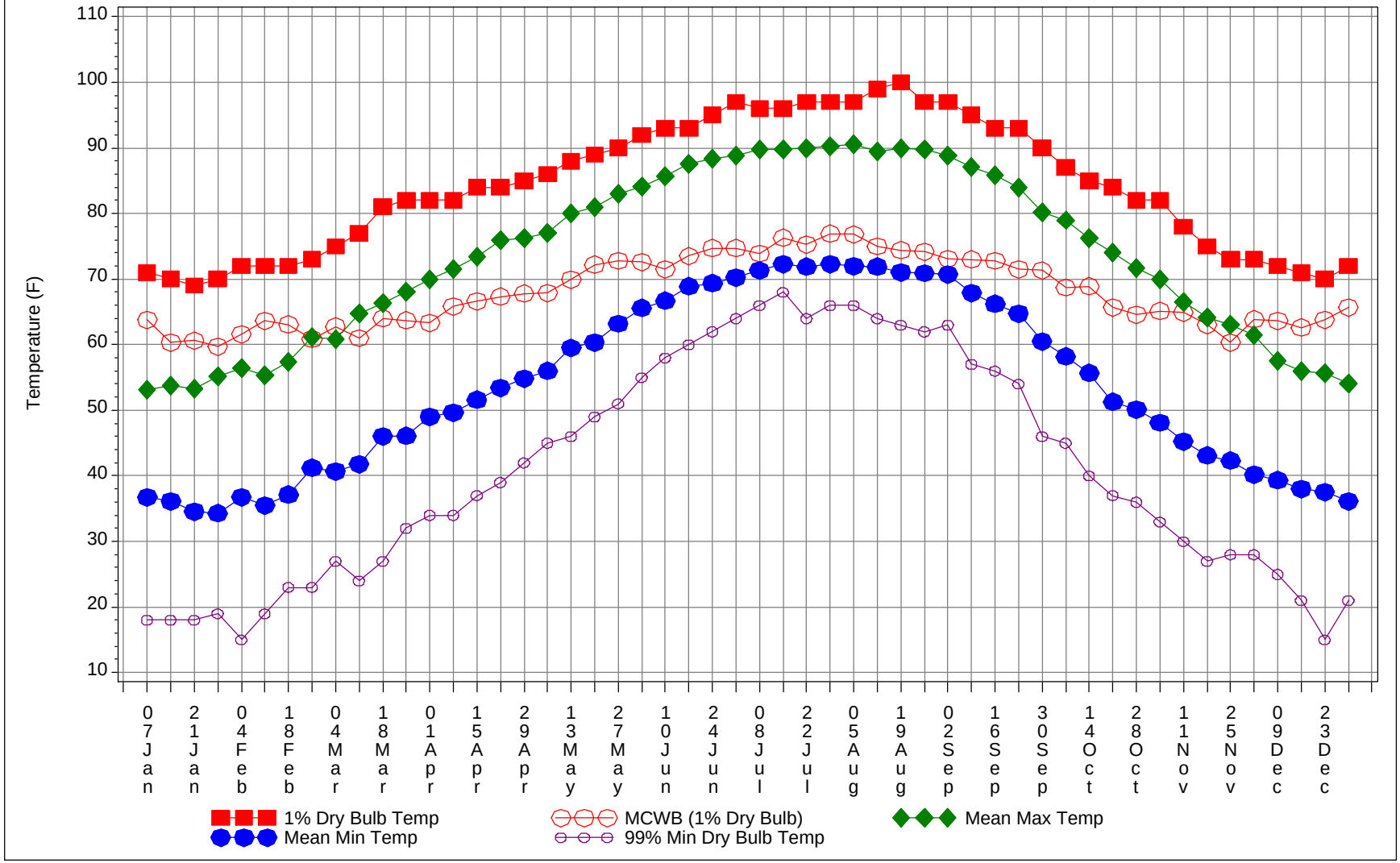
Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary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

Dry-Bulb Temperature Hours For An Average Year

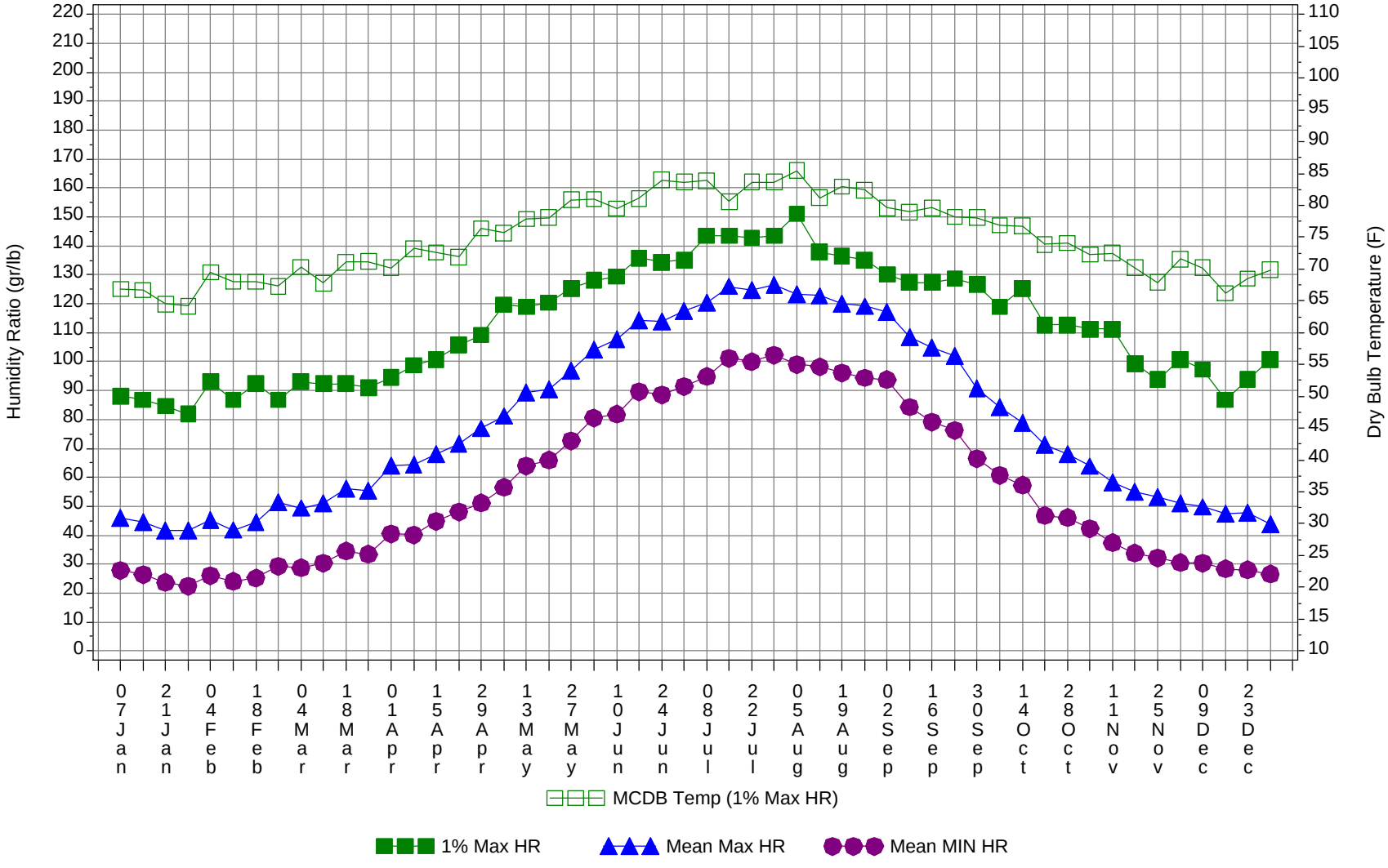
	Annual				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
105/109		0		0	71
100/104		5	0	5	74.4
95/ 99		41	6	47	74.8
90/ 94	0	210	43	253	74.3
85/ 89	6	285	89	380	73.1
80/ 84	75	429	253	757	71.2
75/ 79	298	335	396	1029	69.5
70/ 74	519	324	442	1285	66.2
65/ 69	277	217	245	739	61.3
60/ 64	336	273	303	912	56.8
55/ 59	261	213	249	723	51.6
50/ 54	247	193	243	683	47
45/ 49	251	169	225	645	42.3
40/ 44	159	86	134	379	38.3
35/ 39	204	86	152	442	34
30/ 34	146	35	85	266	29.3
25/ 29	89	14	38	141	24.6
20/ 24	28	4	10	42	19.8
15/ 19	17	2	3	22	15.9
10/ 14	3	1	1	5	10.5
5/ 9	2	0	0	2	6.2
0/ 4	0			0	2.2

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



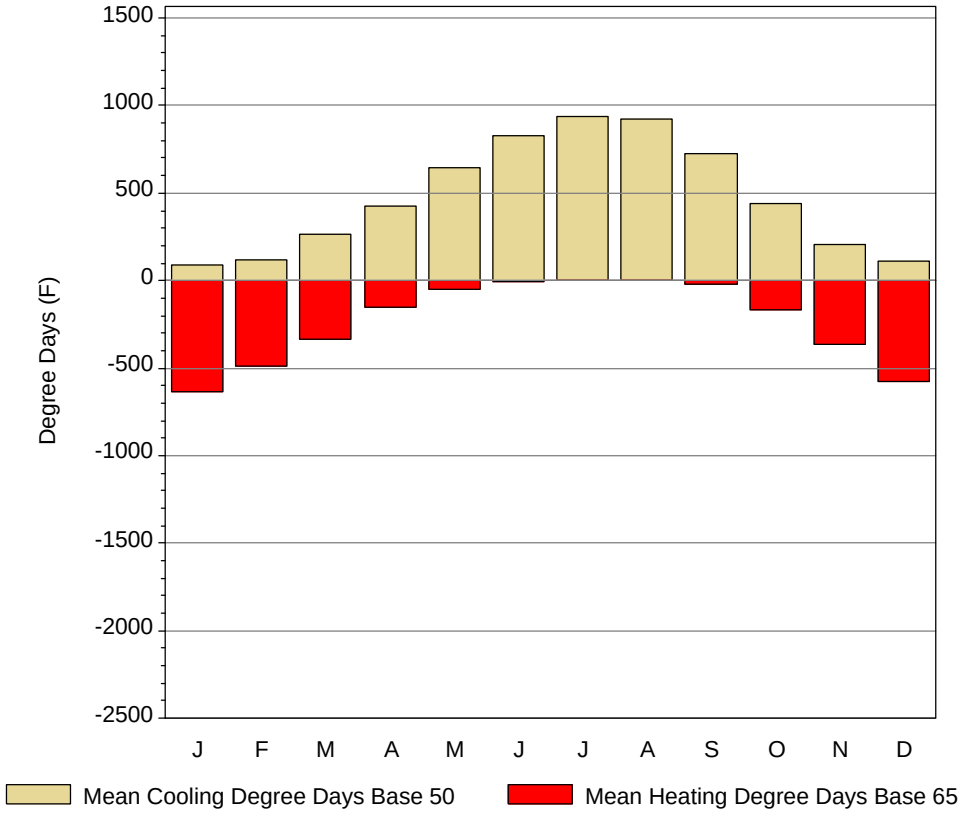
Long Term Humidity and Dry Bulb Temperature Summary



Long Term Humidity and Dry Bulb Temperature Summary

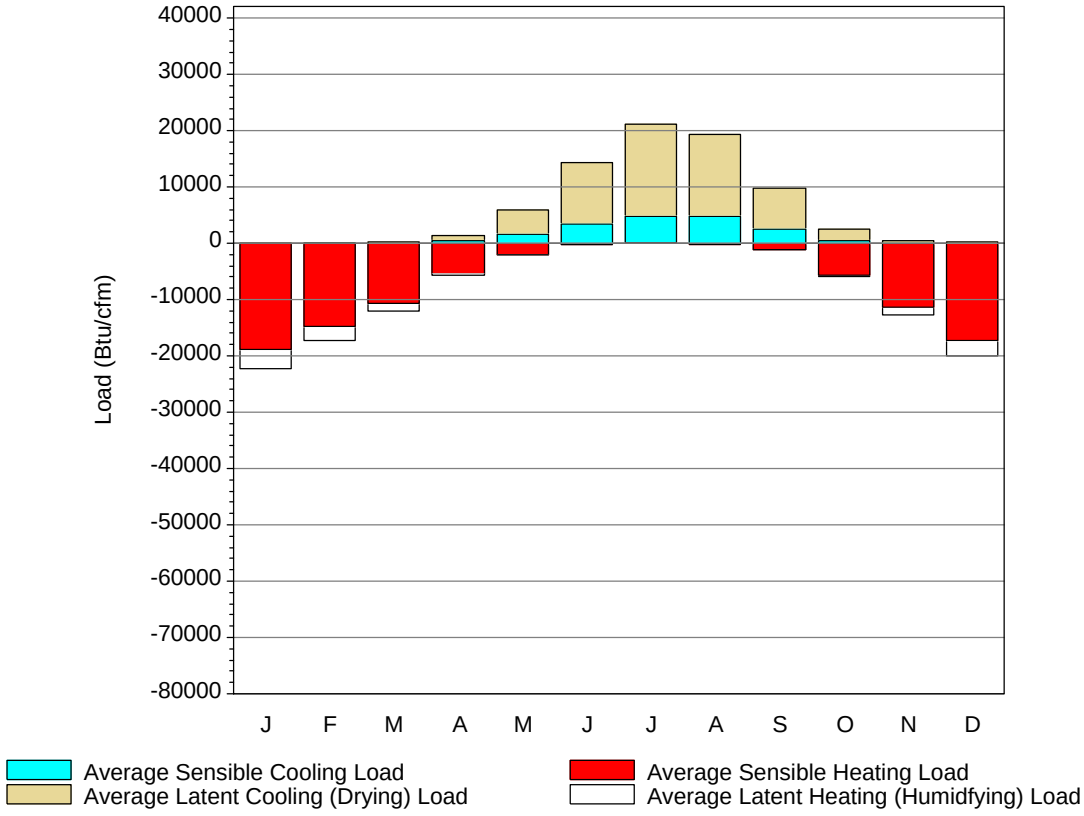
Week Ending	1.0% Temp (°F)	MCWB@ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB@ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	71	63.8	53.1	36.7	18	88.2	66.9	46.1	27.8
14-Jan	70	60.3	53.8	36.1	18	86.8	66.7	44.6	26.3
21-Jan	69	60.6	53.3	34.5	18	84.7	64.5	41.6	23.6
28-Jan	70	59.7	55.2	34.3	19	81.9	64.2	41.7	22.4
4-Feb	72	61.6	56.5	36.7	15	93.1	69.5	45.3	26
11-Feb	72	63.6	55.3	35.5	19	86.8	68	41.8	24.1
18-Feb	72	63.1	57.4	37.1	23	92.4	68	44.5	25.2
25-Feb	73	60.9	61.2	41.2	23	86.8	67.3	51.5	29.3
4-Mar	75	62.8	60.8	40.7	27	93.1	70.3	49.4	28.8
11-Mar	77	61	64.8	41.8	24	92.4	67.8	51.1	30.3
18-Mar	81	64	66.3	46	27	92.4	71.1	56.1	34.5
25-Mar	82	63.7	68	46.1	32	91	71.2	55.5	33.5
1-Apr	82	63.3	69.9	49	34	94.5	70.2	64	40.5
8-Apr	82	65.8	71.6	49.6	34	98.7	73.2	64.4	40.1
15-Apr	84	66.6	73.4	51.6	37	100.8	72.6	68.1	44.8
22-Apr	84	67.3	75.9	53.4	39	105.7	71.9	71.7	48.1
29-Apr	85	67.8	76.2	54.8	42	109.2	76.4	76.9	51.2
6-May	86	67.9	77.1	56	45	119.7	75.7	81.2	56.6
13-May	88	69.9	80	59.5	46	119	77.9	89.3	64
20-May	89	72.2	80.9	60.3	49	120.4	78.1	90.3	66
27-May	90	72.8	83	63.2	51	125.3	80.9	97	72.6
4-Jun	92	72.6	84.1	65.6	55	128.1	81	104.2	80.5
10-Jun	93	71.5	85.7	66.7	58	129.5	79.5	107.8	81.9
17-Jun	93	73.5	87.6	68.9	60	135.8	81.1	114.3	89.6
24-Jun	95	74.7	88.4	69.4	62	134.4	84	114	88.6
1-Jul	97	74.7	88.8	70.2	64	135.1	83.7	117.6	91.5
8-Jul	96	73.9	89.7	71.3	66	143.5	83.9	120.4	94.9
15-Jul	96	76.3	89.7	72.3	68	143.5	80.6	126	101.1
22-Jul	97	75.3	90	71.9	64	142.8	83.7	124.9	100
29-Jul	97	76.9	90.3	72.3	66	143.5	83.7	126.7	102.2
5-Aug	97	76.8	90.5	72	66	151.2	85.5	123.3	99
12-Aug	99	75	89.4	71.9	64	137.9	81.2	122.8	98.2
19-Aug	100	74.4	90	71	63	136.5	83	120	96.1
26-Aug	97	74.2	89.8	70.9	62	135.1	82.4	119.2	94.4
2-Sep	97	73.1	88.8	70.7	63	130.2	79.6	117.2	93.8
9-Sep	95	73	87.1	67.9	57	127.4	79	108.5	84.3
16-Sep	93	72.8	85.9	66.2	56	127.4	79.6	104.9	79.1
23-Sep	93	71.5	84	64.7	54	128.8	78.2	102	76.3
30-Sep	90	71.3	80.2	60.5	46	126.7	78.1	90.9	66.5
7-Oct	87	68.7	79	58.2	45	119	76.9	84.3	60.7
14-Oct	85	68.9	76.2	55.7	40	125.3	76.8	79	57.3
21-Oct	84	65.7	74.1	51.3	37	112.7	73.9	71.2	46.8
28-Oct	82	64.6	71.7	50.1	36	112.7	74.1	68.1	46.1
4-Nov	82	65.1	69.9	48.1	33	111.3	72.3	63.9	42.2
11-Nov	78	64.9	66.5	45.2	30	111.3	72.5	58.2	37.4
18-Nov	75	63	64.2	43.1	27	99.4	70.2	55	33.8
25-Nov	73	60.3	63	42.3	28	93.8	67.9	53.3	32.2
2-Dec	73	63.9	61.4	40.2	28	100.8	71.6	51.1	30.5
9-Dec	72	63.6	57.6	39.3	25	97.3	70.2	49.8	30.3
16-Dec	71	62.6	56	38	21	86.8	66.2	47.3	28.3
23-Dec	70	63.8	55.6	37.5	15	93.8	68.5	47.8	28
31-Dec	72	65.7	54	36.1	21	100.8	69.9	43.9	26.5

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	90.5	4.6	633
FEB	118.9	9.6	490
MAR	261.6	45.8	334.5
APR	425.5	109.4	155.5
MAY	648.5	232.9	51.5
JUN	825.5	380.2	4.7
JUL	934.9	470.4	0.4
AUG	922	458.6	1.6
SEP	728.4	301.4	23.5
OCT	443.2	119.2	163
NOV	208.8	27.3	364.2
DEC	108.9	7.4	576.1
ANN	5716.7	2166.8	2798

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	-18742	90	-3429
FEB	6	-14754	128	-2604
MAR	131	-10604	230	-1480
APR	503	-5397	939	-340
MAY	1619	-2067	4285	-4
JUN	3517	-278	10716	-2
JUL	4784	-39	16405	0
AUG	4694	-111	14592	0
SEP	2458	-1034	7430	-1
OCT	573	-5604	1881	-177
NOV	39	-11425	517	-1277
DEC	2	-17227	249	-2667
ANN	18326	-87282	57462	-11981

Station Information		Shading Geometry in Dimensionless Units	
City, State, WBAN	BIRMINGHAM, AL 13876	Window:	1.000
Lat, Lon, Elev	33.57N 86.75W 630ft	Overhang:	0.354
Press, Stn_Type	14.4psia Secondary	Vert Gap:	0.271

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

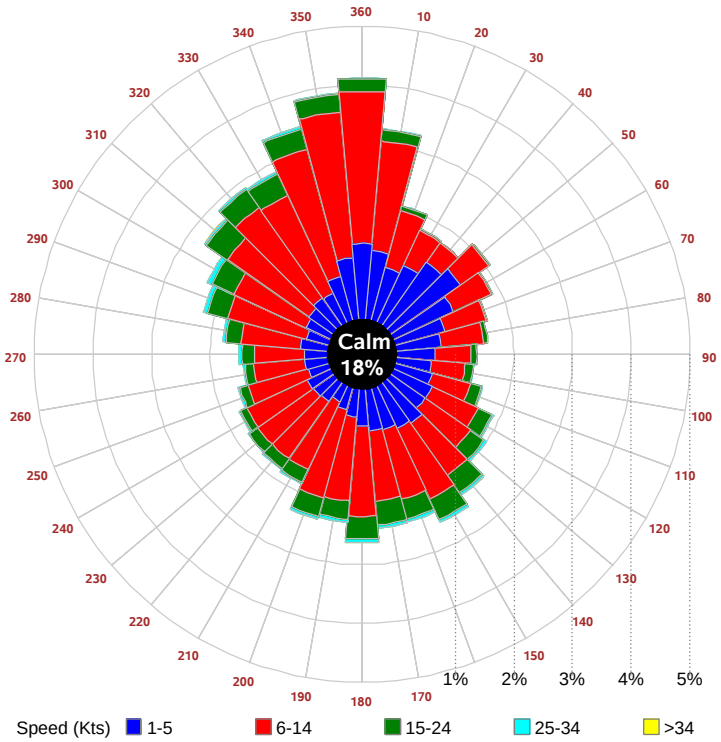
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ.	Global	810	1050	1380	1730	1900	1970	1870	1780	1510	1270	900	740	1410
	Std.Dev.	58	89	111	121	120	146	134	109	101	112	77	55	40
	Minimum	710	880	1170	1480	1690	1680	1670	1510	1260	1020	700	620	1330
	Maximum	950	1260	1640	1940	2170	2270	2160	2000	1710	1470	1020	840	1470
	Diffuse	380	470	600	720	850	920	930	850	700	500	400	350	640
Clear Day	Global	1180	1510	1930	2310	2520	2580	2510	2300	1970	1560	1210	1060	1890
NORTH	Global	240	300	370	460	560	630	590	500	410	330	260	220	410
	Diffuse	240	300	370	450	510	540	530	490	410	330	260	220	390
Clear Day	Global	220	270	340	440	590	680	630	490	390	310	240	210	400
EAST	Global	510	640	800	960	1030	1060	1020	1000	860	760	550	460	800
	Diffuse	290	350	450	550	620	650	640	610	510	410	310	260	470
Clear Day	Global	830	1010	1200	1330	1380	1370	1340	1270	1150	970	810	750	1120
SOUTH	Global	1080	1130	1070	930	740	670	690	840	1020	1250	1140	1060	970
	Diffuse	380	430	510	540	560	560	570	580	560	490	410	360	500
Clear Day	Global	2040	1970	1670	1210	870	730	790	1040	1430	1750	1910	1960	1450
WEST	Global	530	670	830	980	1030	1040	960	950	870	770	570	490	810
	Diffuse	290	360	460	550	630	660	640	610	520	410	320	270	480
Clear Day	Global	830	1010	1200	1330	1380	1370	1340	1270	1150	970	810	750	1120

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	540	730	980	1250	1380	1440	1360	1290	1090	900	610	490	1010
NORTH	Unshaded	170	210	260	310	370	410	390	340	290	230	180	150	270
	Shaded	150	190	240	290	340	370	360	320	270	210	170	140	250
EAST	Unshaded	350	450	570	680	730	750	720	710	610	530	380	320	570
	Shaded	330	410	520	620	660	680	650	640	560	490	360	300	520
SOUTH	Unshaded	800	810	720	580	450	410	430	520	670	880	840	800	660
	Shaded	790	770	610	440	360	360	360	400	540	800	820	780	580
WEST	Unshaded	370	470	580	700	730	730	680	670	610	550	400	340	570
	Shaded	340	430	540	640	670	670	610	620	560	510	370	310	520

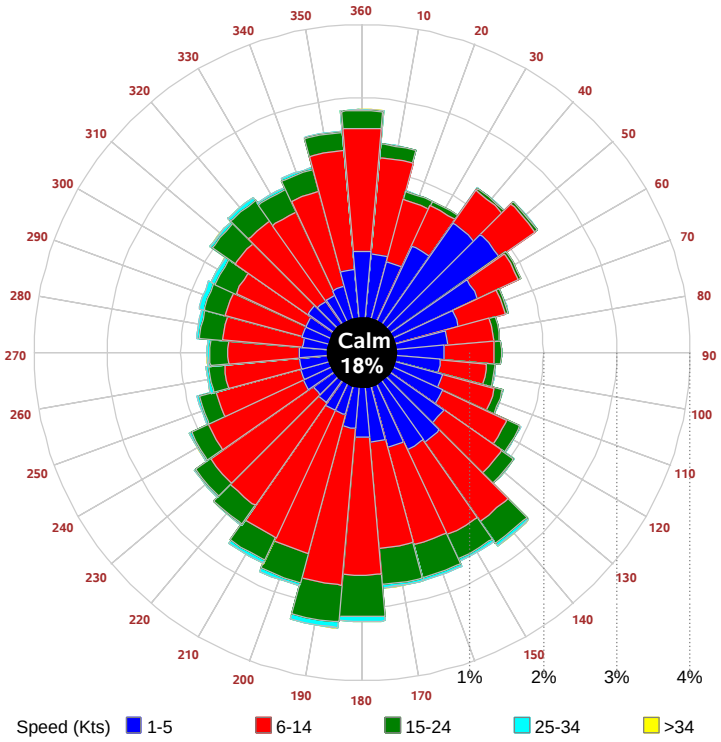
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS Percentage Uncertainty = 9											
				March					June		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	50	82	89	66	24	50	88	103	92	61
	M.Cloudy	28	51	57	41	15	34	61	76	72	45
NORTH	M.Clear	11	15	15	13	7	21	18	17	18	19
	M.Cloudy	11	17	18	14	7	16	19	19	19	17
EAST	M.Clear	79	53	15	13	7	74	68	25	18	16
	M.Cloudy	29	31	18	14	7	38	44	24	19	15
SOUTH	M.Clear	43	71	76	57	21	14	27	37	31	16
	M.Cloudy	19	38	43	31	10	13	24	31	28	15
WEST	M.Clear	11	15	31	73	63	14	18	17	57	74
	M.Cloudy	11	17	24	36	23	13	19	19	45	47
M.Clear	(% hrs)	35	32	31	32	35	44	42	28	29	34

				Sept					Dec		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	35	74	90	78	42	27	54	57	34	3
	M.Cloudy	21	49	64	56	30	14	30	33	19	2
NORTH	M.Clear	10	16	17	17	12	8	11	12	9	2
	M.Cloudy	9	17	19	18	12	6	12	13	8	1
EAST	M.Clear	66	66	23	17	12	55	38	12	9	2
	M.Cloudy	25	38	22	18	12	14	19	13	8	1
SOUTH	M.Clear	23	55	69	58	29	54	87	90	63	6
	M.Cloudy	13	33	45	39	19	14	31	35	21	2
WEST	M.Clear	10	16	17	59	68	8	11	30	57	10
	M.Cloudy	9	17	19	40	35	6	12	18	19	3
M.Clear	(% hrs)	44	43	33	35	42	34	35	35	35	38

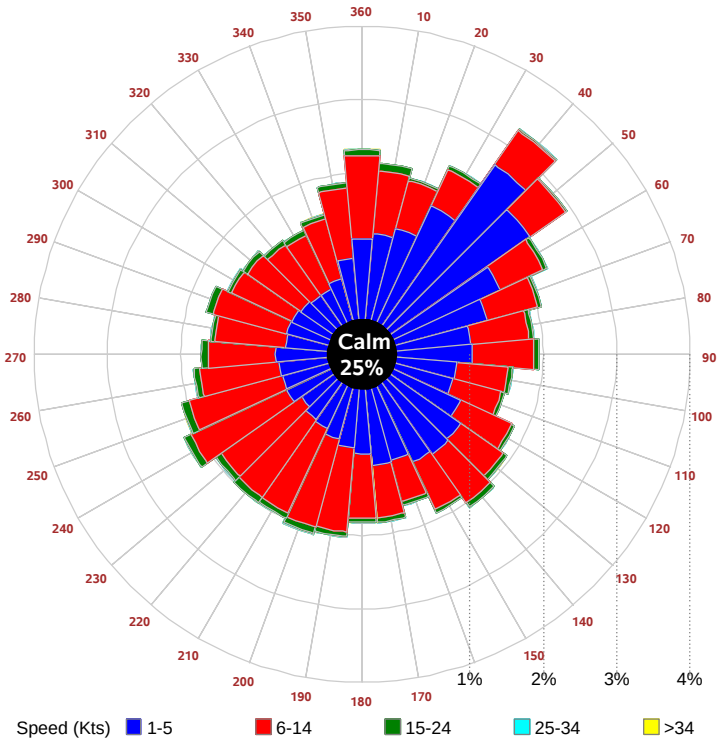
Wind Summary - December, January, and February



Wind Summary - March, April, and May



Wind Summary - June, July, and August



Wind Summary - September, October, and November