HARRISON MARION RGNL, WV	
Latitude = 39.30 N	Station ID = ICAO_KCKB
Longitude = 80.23 W	Elevation = 1217 Feet
Period of Record = 1988 To 2017	Average Pressure = 28.76 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	91	73	98	7.8	W
0.4% Occurrence	90	73	99	7.8	W
1.0% Occurrence	87	72	97	7.3	W
2.0% Occurrence	84	70	94	7.3	W
Mean Daily Range	19	-	-	-	W
97.5% Occurrence	18	16	10	6.5	W
99.0% Occurrence	12	10	7	6.4	W
99.6% Occurrence	7	6	6	5.2	W
Median of Extreme Lows	0	0	4	4.4	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	88	136	7.3	SSW
0.4% Occurrence	76	85	123	7	SW
1.0% Occurrence	74	82	116	6.6	SSW
2.0% Occurrence	73	81	113	6.3	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	138	84	0.88	5.7	S
0.4% Occurrence	128	80	0.82	6	S
1.0% Occurrence	122	79	0.78	5.1	SSW
2.0% Occurrence	116	77	0.74	5.7	SSW

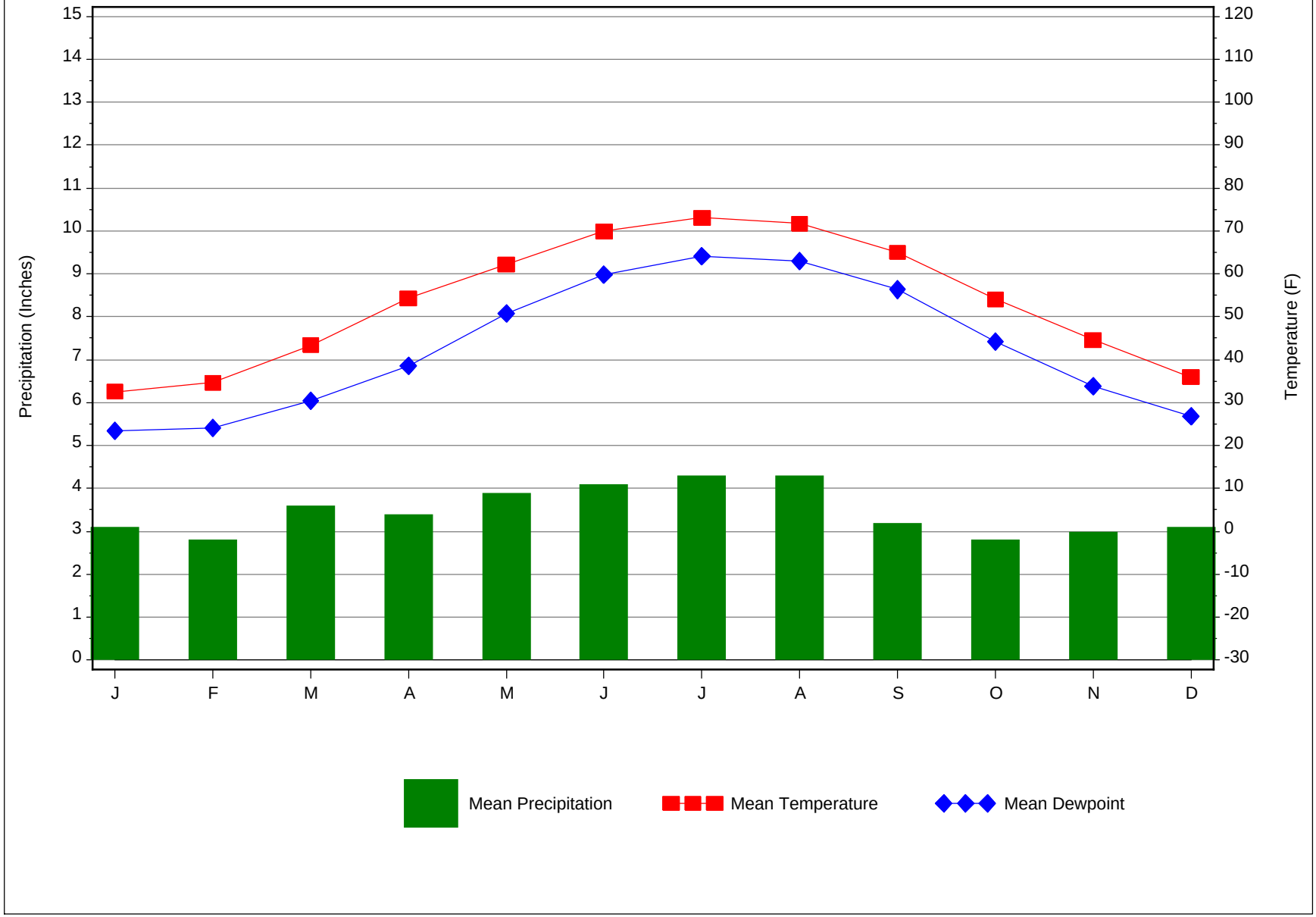
Air Conditioning/ Humid Area Criteria	**Threshold**	**T ≥ 93°F**	**T ≥ 80°F**	**Twb ≥ 73°F**	**Twb ≥ 67°F**
	# of Hours	13	555	216	1278

Other Site Data

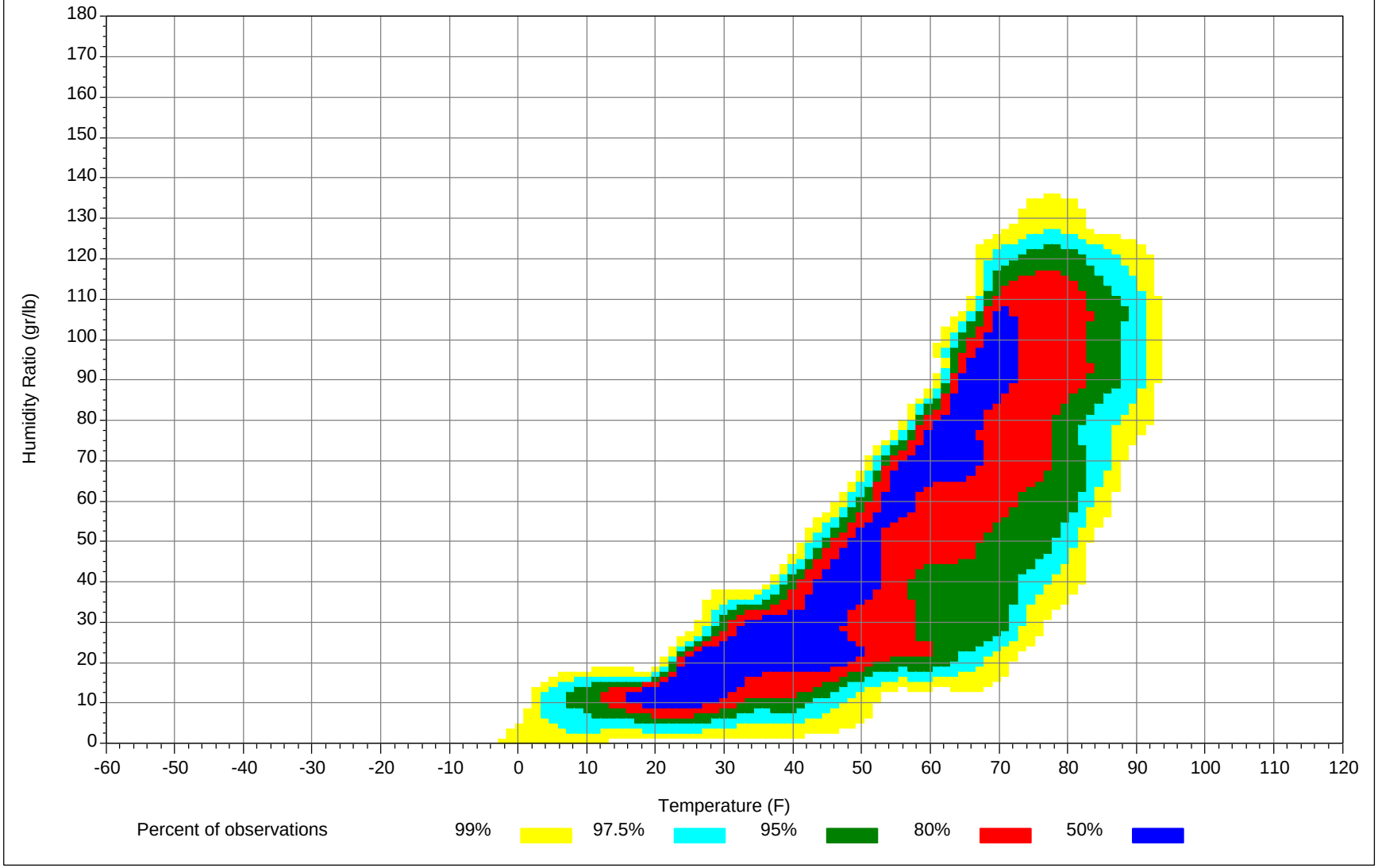
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
7	2.7	90	1.9 + 0.5
Ground Water Temperature (°F) 50 Foot Depth*	Frost Depth 50 Year Recurrence (in)	Ground Snow Load 50 Year Recurrence (lb/ft^2)	Average Annual Freeze-Thaw Cycles (#)
56	N/A	N/A	57

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

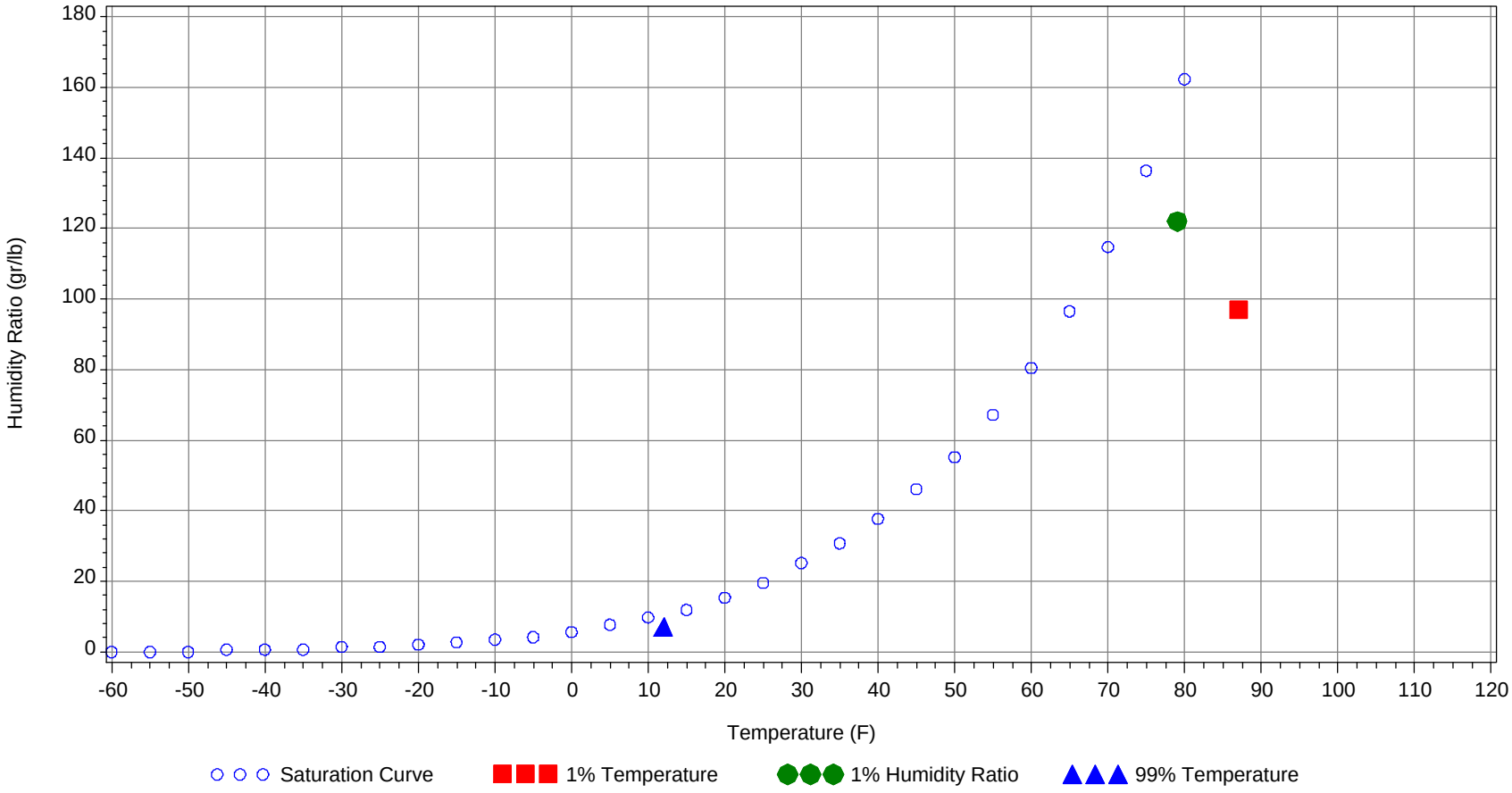
Average Annual Climate



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	87.0		72		97.0	36.3
99.0% Dry Bulb	12.0				7.0	4.0
1.0% Humidity Ratio	122.0	79.0	73.7	71.6		37.9

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												0		0	65
80/ 84												2	1	3	62
75/ 79							0	0	0	58.7		5	2	7	60
70/ 74		1	0	1	57.6		2	0	2	56.7	0	12	7	19	56.7
65/ 69	0	2	1	3	56.4	0	3	2	5	54.4	2	10	9	21	54.5
60/ 64	3	6	6	15	54.5	2	7	5	14	51.7	8	20	17	45	52.5
55/ 59	7	11	10	28	51.3	5	12	10	27	48.9	16	24	21	61	49.3
50/ 54	10	16	14	40	46.4	9	18	16	43	45.2	19	32	33	84	45.5
45/ 49	17	23	22	62	41.7	16	23	23	62	40.9	28	35	35	98	40.9
40/ 44	14	22	19	55	37.6	15	19	19	53	37.2	25	26	28	79	37.4
35/ 39	33	38	37	108	33.8	26	39	35	100	33.3	41	35	39	115	33.3
30/ 34	42	43	43	128	29.2	45	38	46	129	29.2	45	27	32	104	29.3
25/ 29	38	32	38	108	24.3	47	32	34	113	24.3	38	14	17	69	24.4
20/ 24	23	19	20	62	19.9	21	13	14	48	19.7	15	3	4	22	19.7
15/ 19	28	20	21	69	15.7	17	10	12	39	15.5	7	2	2	11	15.6
10/ 14	14	10	11	35	10.4	9	5	5	19	10.5	3	1	1	5	10.9
5/ 9	9	4	5	18	6.1	6	2	2	10	5.9	1	0	0	1	7.1
0/ 4	5	2	1	8	1.2	4	1	1	6	1.3	0		0	0	1.6
-5/ -1	2	1	1	4	-3.2	1	0		1	-3.5					
-10/ -6	1	0	0	1	-7.2	0	0		0	-6.2					
-15/-11	0	0	0	0	-12.5										
-20/-16	0	0		0	-17.7										
-25/-21	0			0	-21.5										

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															
95/ 99												0	0	0	74.5
90/ 94							1	0	1	72.3		5	1	6	71.5
85/ 89		1	0	1	64		6	2	8	69.3		20	7	27	71.4
80/ 84		9	3	12	62.4		28	12	40	66.8	0	57	26	83	69.5
75/ 79		19	10	29	59.9	1	35	19	55	64.4	5	57	41	103	67.1
70/ 74	3	31	18	52	57.3	10	45	36	91	61.9	39	55	66	160	65.5
65/ 69	8	25	20	53	55	22	34	37	93	59.9	59	26	45	130	63.5
60/ 64	24	38	41	103	53.3	50	45	52	147	57.1	64	14	35	113	59.4
55/ 59	33	34	40	107	49.6	51	30	40	121	52.8	41	5	15	61	54.6
50/ 54	35	31	34	100	45.6	46	16	29	91	48.7	23	1	4	28	50.7
45/ 49	40	26	33	99	41.6	40	7	16	63	44.5	6	0	1	7	46.4
40/ 44	33	13	17	63	38.1	18	1	4	23	40.7	1			1	42.1
35/ 39	34	10	14	58	34.1	7	0	1	8	36.3	0			0	37.8
30/ 34	22	3	6	31	29.9	2		0	2	31.9					
25/ 29	7	1	1	9	24.8										
20/ 24	1		0	1	20.4										
15/ 19	0			0	18										
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		0	0	0	78.3										
95/ 99		1	0	1	74.8		0	0	0	74.9					
90/ 94		11	3	14	74.2		10	3	13	73.6		3	1	4	68.8
85/ 89		29	11	40	72.7		24	8	32	72.4		9	2	11	69.7
80/ 84	1	75	37	113	70.8	0	68	29	97	70.2		33	11	44	68
75/ 79	15	70	56	141	69.1	8	68	52	128	68.5	1	46	22	69	66.1
70/ 74	75	47	80	202	67.8	54	53	78	185	67.3	19	56	49	124	64.7
65/ 69	68	13	37	118	64.8	66	17	44	127	64.5	33	33	42	108	62.6
60/ 64	61	3	19	83	60.6	75	7	29	111	60.7	56	35	55	146	58.9
55/ 59	22	0	3	25	55.9	33	0	5	38	56.1	58	15	33	106	54.6
50/ 54	6		0	6	51.6	10	0	0	10	52	39	7	17	63	50.5
45/ 49	1			1	46	1			1	47.4	24	2	8	34	45.8
40/ 44	0			0	40						8	0	1	9	41.5
35/ 39											2		0	2	37.4
30/ 34											0			0	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															
85/ 89		1		1	67.5										
80/ 84	0	5	1	6	65.9		0		0	63.7					
75/ 79	0	19	4	23	63.7		3	0	3	62.1					
70/ 74	2	31	16	49	60.7	0	9	3	12	58.7	0	1	0	1	59.4
65/ 69	7	27	20	54	58.8	2	12	6	20	56.1	1	3	1	5	57
60/ 64	24	44	38	106	55.9	9	26	18	53	53.7	4	10	6	20	53.9
55/ 59	32	41	41	114	51.8	16	28	24	68	50.1	8	16	13	37	51.2
50/ 54	39	34	44	117	47.8	22	34	33	89	46.2	13	21	18	52	46.6
45/ 49	50	27	43	120	43.4	31	37	40	108	41.7	20	28	24	72	41.8
40/ 44	35	11	20	66	39.7	29	28	29	86	37.9	18	27	26	71	37.8
35/ 39	35	6	15	56	35.8	45	33	41	119	33.9	37	41	41	119	33.7
30/ 34	18	1	3	22	31.4	40	21	29	90	29.5	48	39	47	134	29.3
25/ 29	5		0	5	27.1	32	7	13	52	25.1	46	35	38	119	24.5
20/ 24	0			0	22.4	9	1	3	13	20.6	23	14	17	54	20.1
15/ 19						4	0	1	5	16.2	19	8	10	37	16
10/ 14						1			1	12.3	7	3	5	15	10.9
5/ 9											3	1	1	5	6.4
0/ 4											1	0	1	2	1.6
-5/ -1											0	0	0	0	-3.4
-10/ -6											0	0		0	-6.4
-15/-11															
-20/-16															
-25/-21															

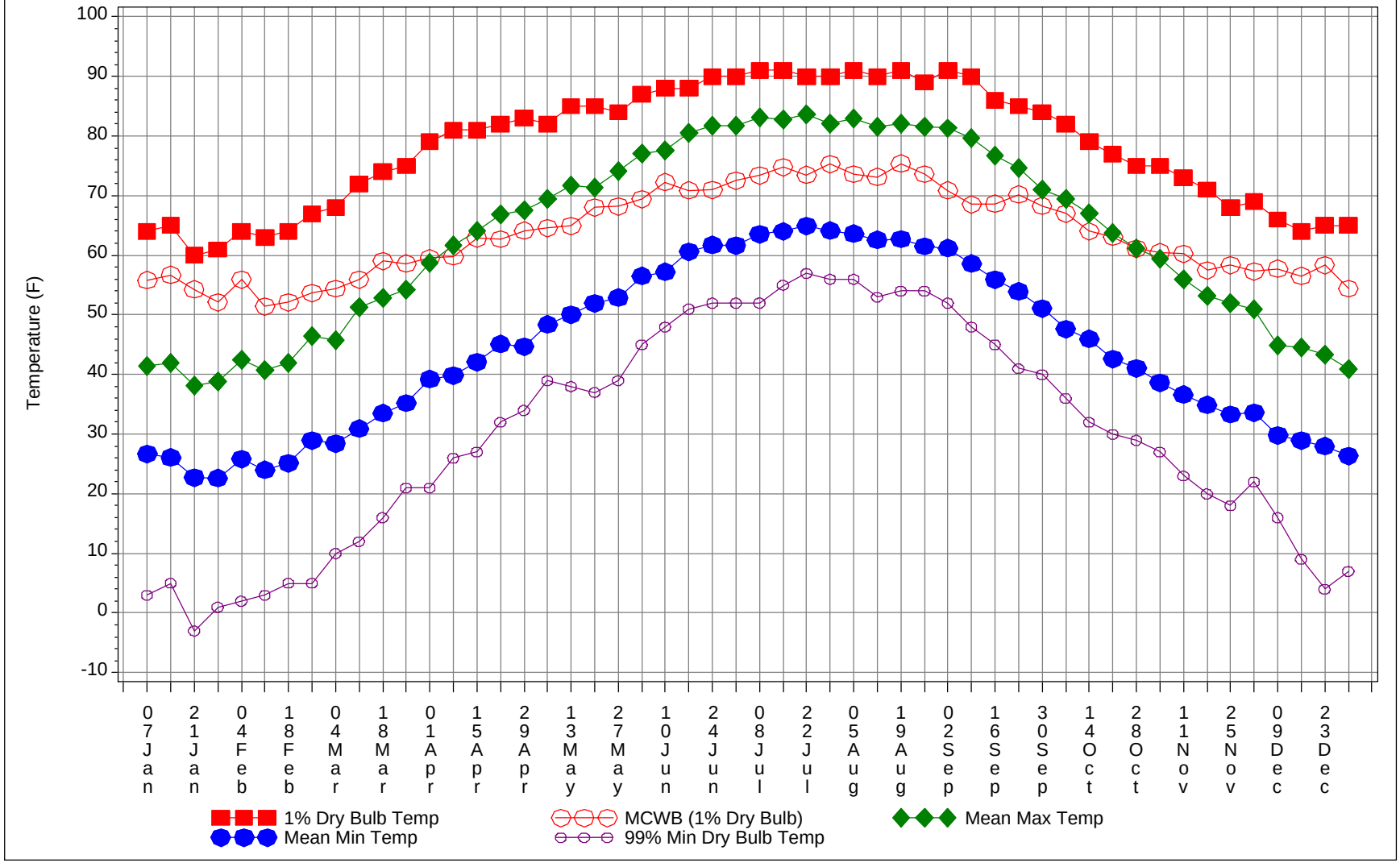
Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary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

Dry-Bulb Temperature Hours For An Average Year

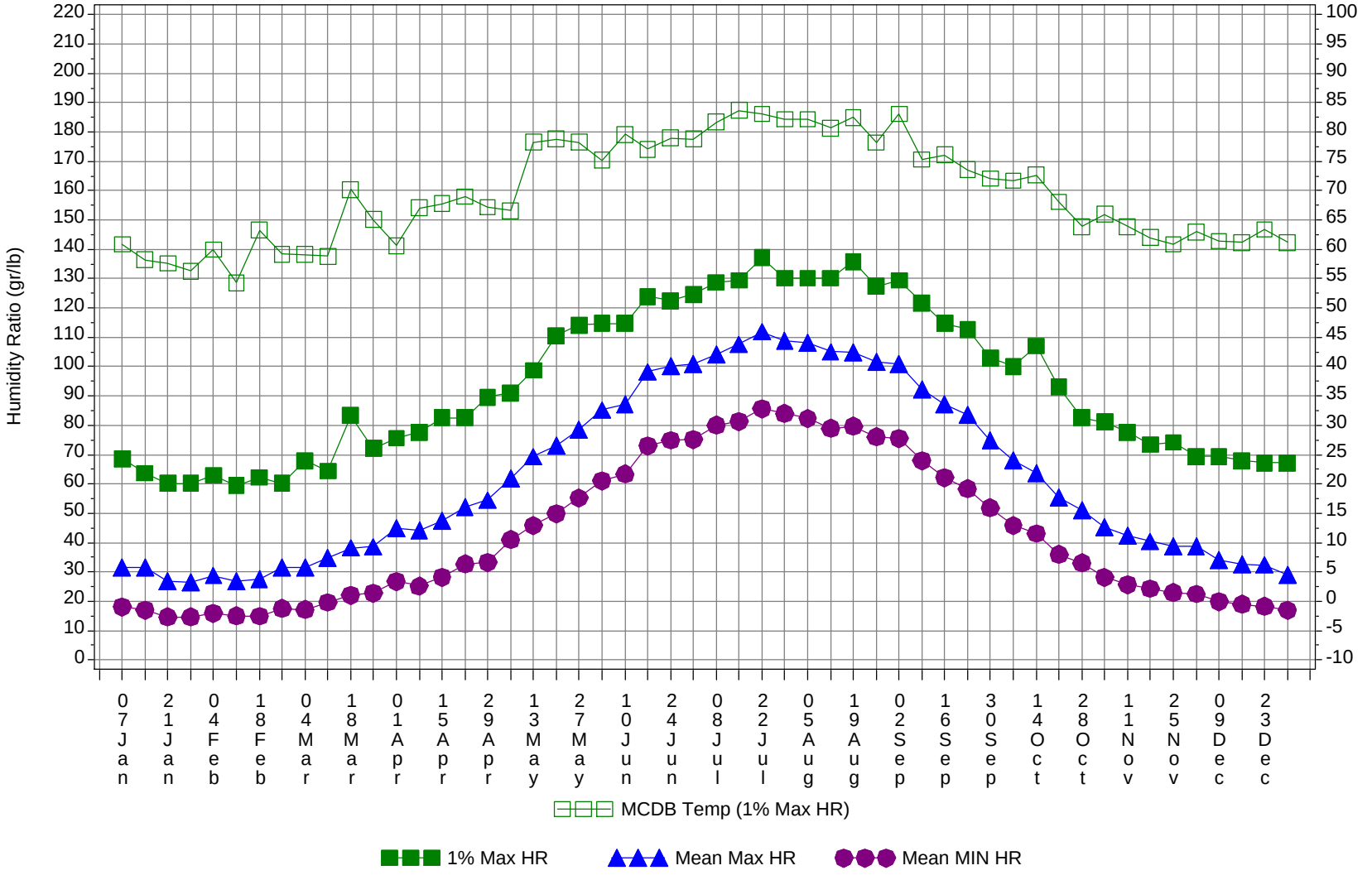
	Annual				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
100/104		0	0	0	78.3
95/ 99		1	0	1	74.8
90/ 94		29	8	37	73
85/ 89		90	30	120	71.7
80/ 84	1	278	120	399	69.3
75/ 79	29	323	207	559	66.9
70/ 74	203	345	354	902	64.8
65/ 69	268	204	265	737	61.7
60/ 64	382	254	321	957	57.2
55/ 59	324	216	254	794	52.1
50/ 54	272	209	243	724	47.3
45/ 49	275	209	246	730	42.3
40/ 44	195	147	163	505	38.2
35/ 39	261	201	224	686	33.9
30/ 34	261	173	206	640	29.4
25/ 29	212	121	141	474	24.5
20/ 24	93	51	57	201	19.9
15/ 19	75	40	46	161	15.7
10/ 14	34	18	22	74	10.6
5/ 9	19	7	8	34	6.1
0/ 4	11	3	3	17	1.3
-5/ -1	3	1	1	5	-3.3
-10/ -6	1	0	0	1	-7
-15/-11	0	0	0	0	-12.5
-20/-16	0	0		0	-17.7
-25/-21	0			0	-21.5

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



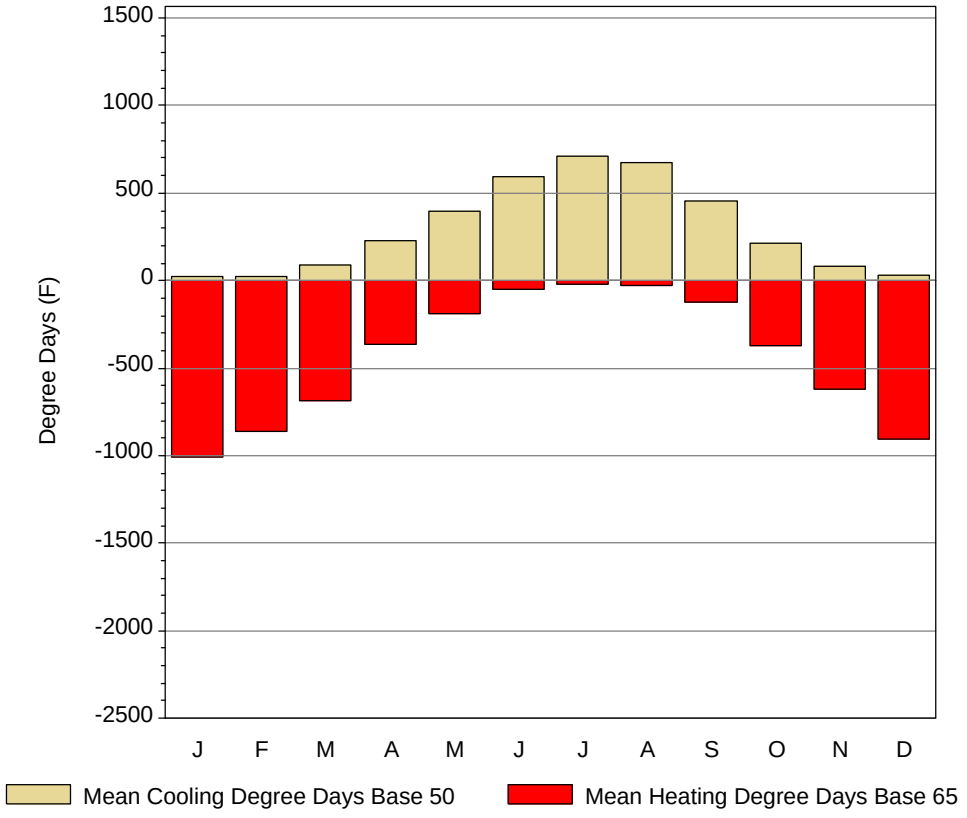
Long Term Humidity and Dry Bulb Temperature Summary



Long Term Humidity and Dry Bulb Temperature Summary

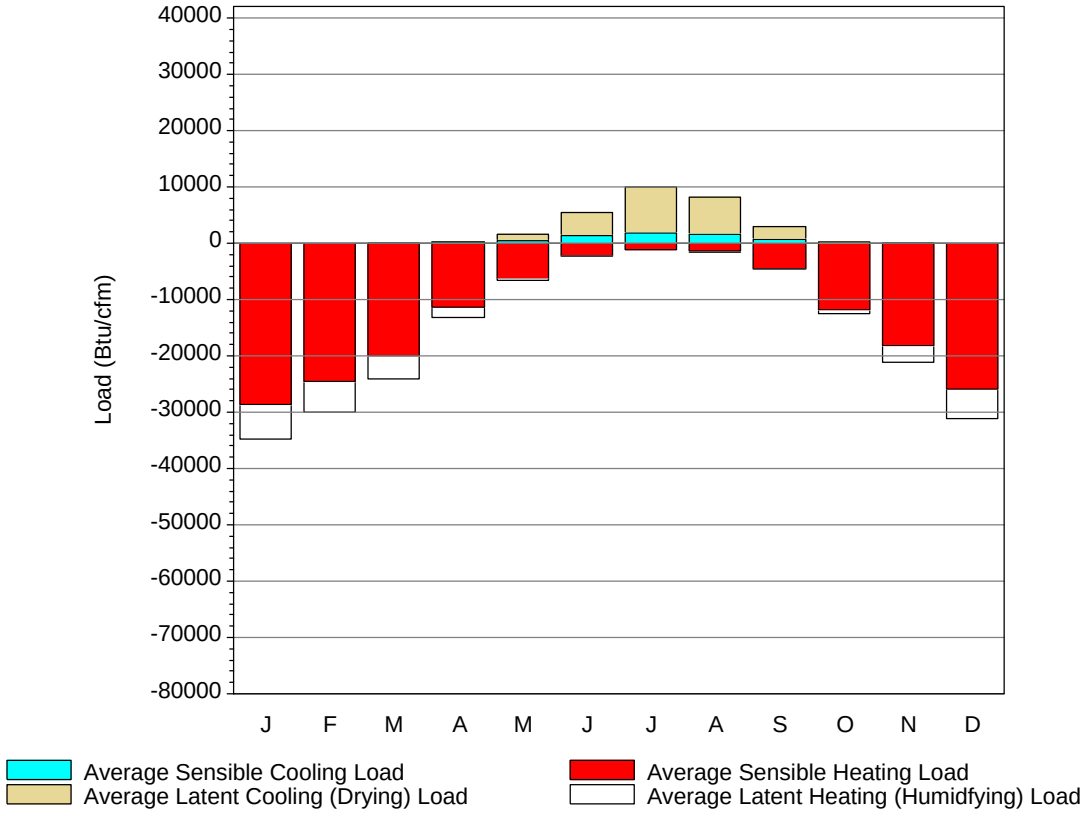
Week Ending	1.0% Temp (°F)	MCWB@ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB@ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	64	55.8	41.5	26.7	3	68.6	60.9	31.4	18
14-Jan	65	56.7	41.9	26.1	5	63.7	58.2	31.4	17
21-Jan	60	54.3	38.2	22.7	-3	60.2	57.6	26.8	14.7
28-Jan	61	52.1	38.9	22.6	1	60.2	56.3	26.5	14.7
4-Feb	64	55.9	42.4	25.8	2	63	60	28.8	15.9
11-Feb	63	51.4	40.7	24	3	59.5	54.3	26.7	15
18-Feb	64	52.1	42	25.1	5	62.3	63.3	27.6	14.9
25-Feb	67	53.7	46.4	28.9	5	60.2	59.2	31.5	17.6
4-Mar	68	54.4	45.7	28.4	10	67.9	59.1	31.6	17.1
11-Mar	72	55.9	51.2	30.9	12	64.4	58.8	34.7	19.6
18-Mar	74	59	52.9	33.5	16	83.3	70.2	38.2	22.1
25-Mar	75	58.6	54.3	35.2	21	72.1	65.1	38.6	22.8
1-Apr	79	59.5	58.7	39.2	21	75.6	60.6	44.9	26.8
8-Apr	81	59.8	61.6	39.8	26	77.7	67.1	44.1	25.2
15-Apr	81	62.8	64.1	42.1	27	82.6	67.8	47.5	28.2
22-Apr	82	62.7	66.8	45.1	32	82.6	69	52.2	32.7
29-Apr	83	64.1	67.5	44.7	34	89.6	67.2	54.5	33.3
6-May	82	64.6	69.4	48.4	39	91	66.6	61.8	41
13-May	85	64.9	71.7	50	38	98.7	78.3	69.3	45.8
20-May	85	68	71.3	51.9	37	110.6	78.8	73.1	49.8
27-May	84	68.2	74.1	52.9	39	114.1	78.3	78.5	55.2
4-Jun	87	69.4	77.1	56.5	45	114.8	75.2	85.2	61.1
10-Jun	88	72.3	77.5	57.2	48	114.8	79.6	87.1	63.4
17-Jun	88	70.9	80.5	60.6	51	123.9	77.1	98.2	73
24-Jun	90	71	81.8	61.7	52	122.5	79	100.2	74.9
1-Jul	90	72.5	81.8	61.6	52	124.6	78.8	100.8	75.2
8-Jul	91	73.4	83.1	63.5	52	128.8	81.7	104.3	80
15-Jul	91	74.8	82.8	64	55	129.5	83.7	107.6	81.3
22-Jul	90	73.5	83.6	64.9	57	137.2	83.1	111.9	85.7
29-Jul	90	75.3	82.1	64.1	56	130.2	82.2	109	84
5-Aug	91	73.6	83	63.6	56	130.2	82.2	108	82.3
12-Aug	90	73.1	81.6	62.6	53	130.2	80.7	105.1	79
19-Aug	91	75.4	82	62.7	54	135.8	82.5	104.9	79.7
26-Aug	89	73.6	81.6	61.5	54	127.4	78.2	101.7	76.1
2-Sep	91	70.9	81.3	61.2	52	129.5	83.1	100.9	75.6
9-Sep	90	68.5	79.7	58.6	48	121.8	75.3	92.3	67.9
16-Sep	86	68.6	76.7	55.9	45	114.8	76.1	87.1	62.1
23-Sep	85	70.2	74.6	53.9	41	112.7	73.6	83.6	58.3
30-Sep	84	68.3	71	51.1	40	102.9	72.1	74.8	51.9
7-Oct	82	67	69.4	47.6	36	100.1	71.7	68	45.8
14-Oct	79	64	67.1	46	32	107.1	72.7	63.6	43.1
21-Oct	77	63.1	63.7	42.6	30	93.1	68.1	55.4	36
28-Oct	75	61.1	61.1	41	29	82.6	63.9	51	33
4-Nov	75	60.5	59.4	38.6	27	81.2	66	45.3	28.1
11-Nov	73	60.2	55.9	36.6	23	77.7	63.9	42.4	25.7
18-Nov	71	57.5	53.2	34.9	20	73.5	62	40.4	24.3
25-Nov	68	58.3	51.9	33.3	18	74.2	60.9	38.8	22.9
2-Dec	69	57.3	50.9	33.6	22	69.3	63	38.7	22.5
9-Dec	66	57.7	44.8	29.8	16	69.3	61.4	34.1	19.9
16-Dec	64	56.5	44.6	28.9	9	67.9	61.2	32.5	19
23-Dec	65	58.3	43.4	28	4	67.2	63.4	32.4	18.2
31-Dec	65	54.4	40.9	26.3	7	67.2	61.2	28.9	16.9

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	22.1	0.6	1007.7
FEB	23.8	1.1	861.1
MAR	89.9	11.7	683.4
APR	225.6	41.9	365.2
MAY	394.2	95.4	186.9
JUN	596.4	197.4	52
JUL	714.5	269.3	19.9
AUG	673.2	238.1	29.9
SEP	457	120.9	122.5
OCT	213.8	33.9	374.6
NOV	82.9	6.4	618.4
DEC	28.9	0.7	904.8
ANN	3522.3	1017.4	5226.4

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	-28520	0	-6272
FEB	0	-24501	0	-5543
MAR	28	-19993	18	-4053
APR	156	-11396	38	-1747
MAY	522	-6454	1011	-185
JUN	1299	-2183	4215	-8
JUL	1909	-1014	8082	0
AUG	1632	-1455	6615	-4
SEP	659	-4483	2261	-13
OCT	96	-11765	259	-654
NOV	5	-18273	10	-2917
DEC	0	-25849	0	-5287
ANN	6306	-155886	22509	-26683

Station Information		Shading Geometry in Dimensionless Units	
City, State, WBAN	ELKINS, WV 13729	Window:	1.000
Lat, Lon, Elev	38.88N 79.85W 1949ft	Overhang:	0.502
Press, Stn_Type	13.7psia Secondary	Vert Gap:	0.315

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

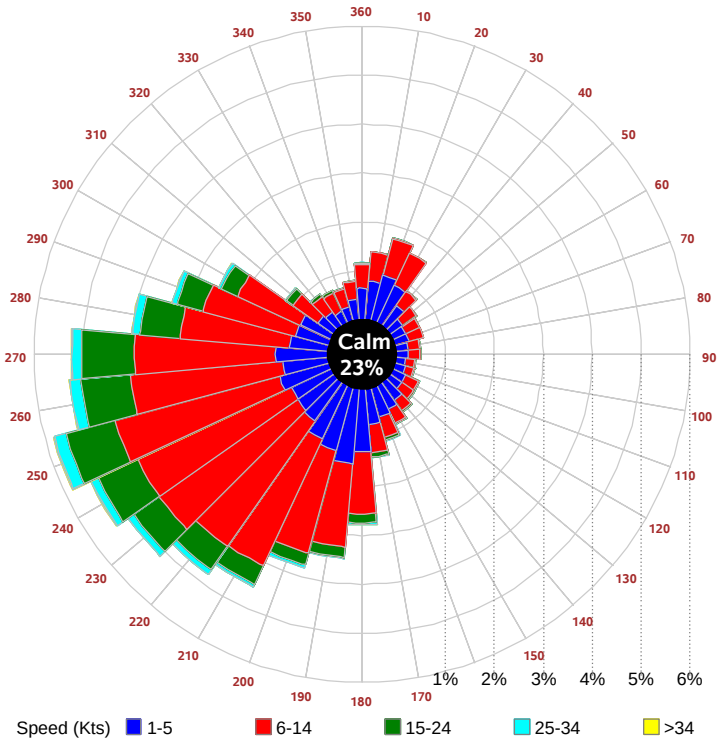
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ.	Global	610	830	1130	1440	1680	1810	1760	1590	1310	980	640	510	1190
	Std.Dev.	46	73	85	131	138	111	92	88	97	76	68	37	33
	Minimum	520	680	950	1190	1410	1640	1550	1430	1150	850	520	450	1120
	Maximum	700	990	1290	1790	1890	2100	1910	1770	1510	1210	820	590	1260
	Diffuse	390	510	630	760	860	920	920	810	650	480	380	340	640
Clear Day	Global	960	1310	1780	2250	2530	2640	2550	2280	1870	1390	1000	840	1780
NORTH	Global	220	290	360	440	530	590	560	480	380	290	220	190	380
	Diffuse	220	290	360	440	500	530	520	460	380	290	220	190	370
Clear Day	Global	190	250	330	430	580	680	620	480	360	280	200	170	380
EAST	Global	370	490	650	820	920	930	870	800	690	570	390	320	650
	Diffuse	260	340	430	520	590	620	610	550	460	350	260	220	430
Clear Day	Global	710	920	1140	1350	1440	1450	1410	1320	1160	930	730	630	1100
SOUTH	Global	810	890	940	870	780	740	760	870	970	1030	820	710	850
	Diffuse	370	440	490	540	560	580	580	570	520	440	350	320	480
Clear Day	Global	1950	1990	1790	1390	1060	900	950	1210	1580	1830	1870	1860	1530
WEST	Global	390	520	680	830	940	1000	970	930	790	620	420	340	700
	Diffuse	260	350	430	530	600	640	630	580	480	360	260	230	450
Clear Day	Global	710	920	1140	1350	1440	1450	1410	1320	1160	930	730	630	1100

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	400	570	800	1030	1210	1310	1270	1150	940	680	430	340	850
NORTH	Unshaded	150	200	250	300	360	390	370	320	270	200	150	130	260
	Shaded	130	170	220	270	310	340	330	290	240	180	130	110	230
EAST	Unshaded	260	350	460	580	650	660	610	560	480	400	270	220	460
	Shaded	230	300	400	500	560	560	520	480	410	350	240	190	390
SOUTH	Unshaded	600	650	650	570	490	460	480	560	660	740	610	530	580
	Shaded	580	590	520	390	350	350	360	380	490	650	580	510	480
WEST	Unshaded	270	370	480	590	660	710	690	660	560	440	290	230	500
	Shaded	240	320	420	510	570	600	590	570	490	390	260	210	430

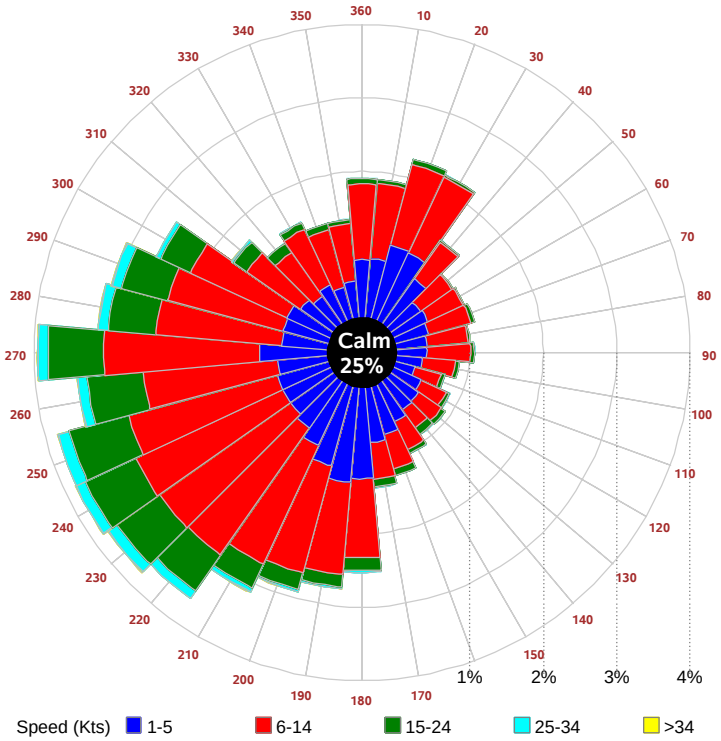
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS Percentage Uncertainty = 9											
				March					June		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	34	70	82	70	33	40	79	99	96	72
	M.Cloudy	19	40	48	41	19	24	49	69	68	47
NORTH	M.Clear	9	14	15	13	9	20	16	17	17	16
	M.Cloudy	8	15	17	15	8	12	17	19	19	16
EAST	M.Clear	72	62	15	13	9	71	75	38	17	16
	M.Cloudy	21	29	17	15	8	27	39	30	19	16
SOUTH	M.Clear	34	69	82	69	33	11	28	44	42	23
	M.Cloudy	13	31	38	32	14	10	21	34	33	19
WEST	M.Clear	9	14	16	63	71	11	16	17	46	76
	M.Cloudy	8	15	17	30	23	10	17	19	34	42
M.Clear	(% hrs)	18	21	22	21	22	19	28	23	21	26

				Sept					Dec		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	21	62	84	80	52	11	39	48	33	4
	M.Cloudy	12	35	54	53	32	7	22	27	19	3
NORTH	M.Clear	7	14	16	16	13	5	10	11	9	2
	M.Cloudy	6	14	18	17	12	3	9	11	8	2
EAST	M.Clear	53	71	35	16	13	34	42	11	9	2
	M.Cloudy	14	30	26	17	12	8	16	11	8	2
SOUTH	M.Clear	15	51	72	68	42	29	76	88	67	12
	M.Cloudy	7	24	42	41	22	7	23	28	21	3
WEST	M.Clear	7	14	16	47	72	5	10	16	47	17
	M.Cloudy	6	14	18	31	33	3	9	12	16	4
M.Clear	(% hrs)	10	32	29	29	34	14	16	17	19	21

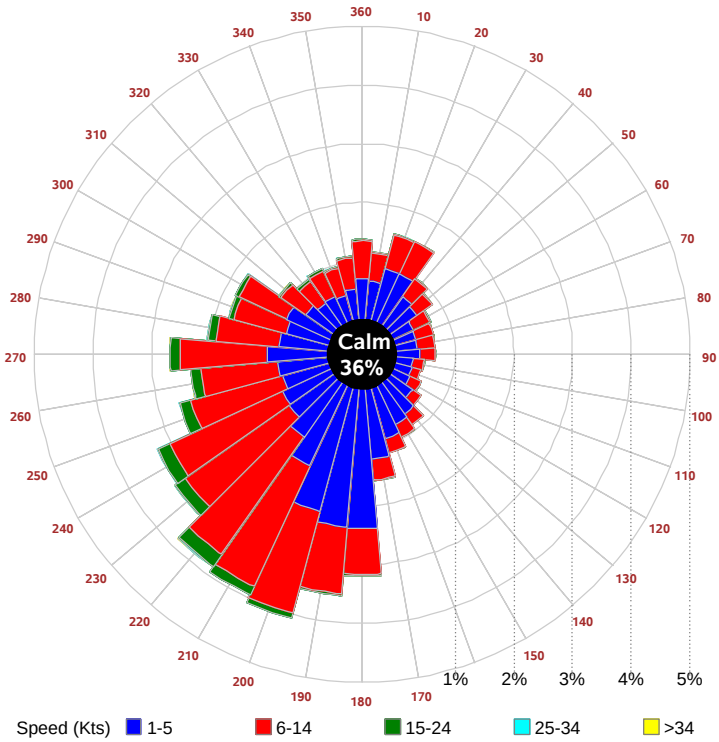
Wind Summary - December, January, and February



Wind Summary - March, April, and May



Wind Summary - June, July, and August



Wind Summary - September, October, and November