CITY OF COLORADO SPRINGS, CO	
Latitude = 38.81 N	Station ID = ICAO_KCOS
Longitude =104.70 W	Elevation = 6187 Feet
Period of Record = 1988 To 2017	Average Pressure = 23.94 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	58	33	14.1	SSE
0.4% Occurrence	91	59	41	12.1	S
1.0% Occurrence	88	58	44	11.5	S
2.0% Occurrence	86	58	46	11.3	S
Mean Daily Range	25	-	-	-	N
97.5% Occurrence	14	12	10	7.6	N
99.0% Occurrence	7	6	7	7.3	N
99.6% Occurrence	1	0	5	6.4	N
Median of Extreme Lows	-6	-7	4	6.5	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	66	79	94	10.1	S
0.4% Occurrence	64	78	84	10.1	S
1.0% Occurrence	62	77	77	9.5	SSE
2.0% Occurrence	61	76	74	9.4	SSE

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	106	68	0.57	8.5	S
0.4% Occurrence	96	66	0.52	7.6	SE
1.0% Occurrence	89	66	0.48	8.1	SSE
2.0% Occurrence	86	66	0.47	8	SSE

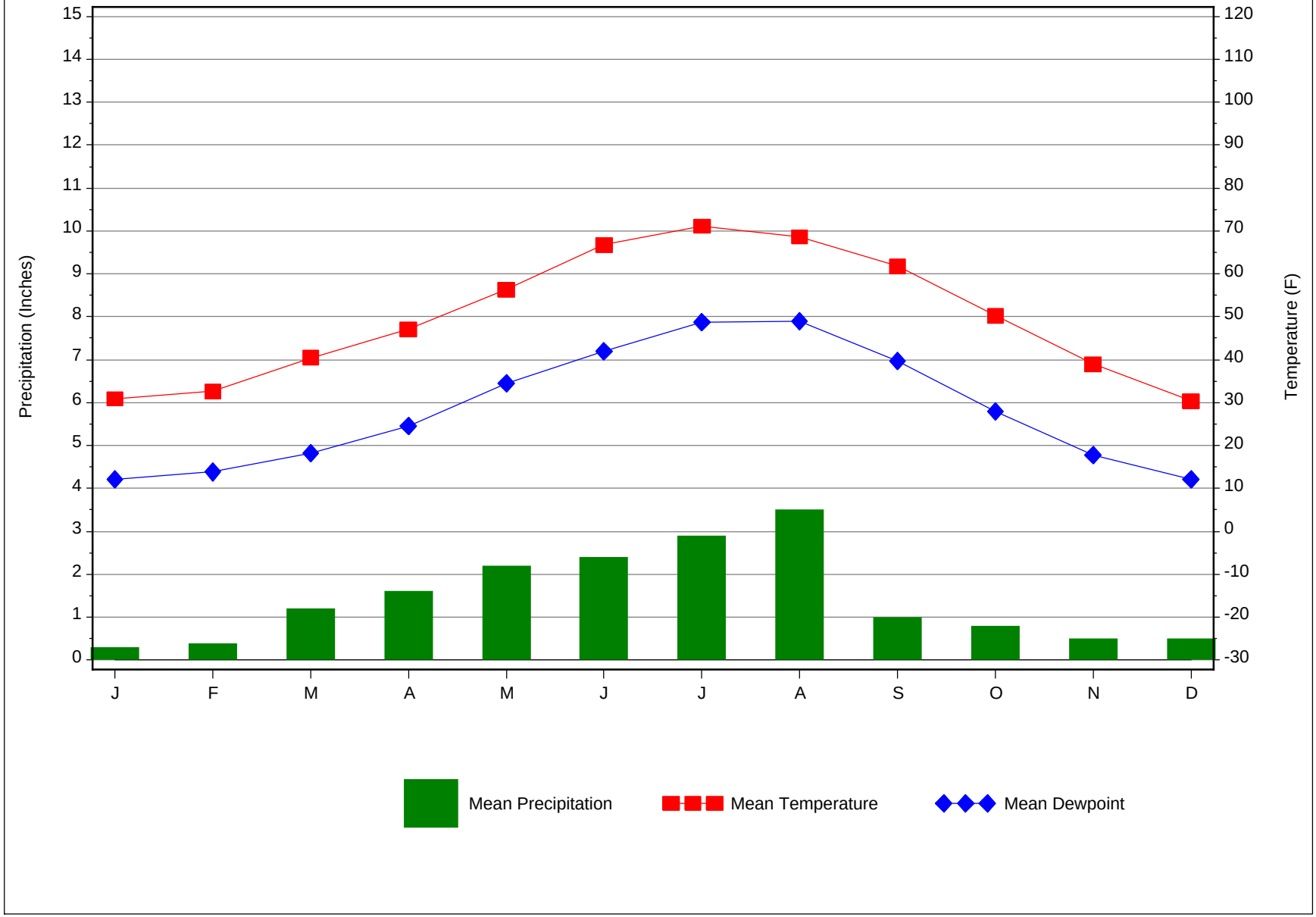
Air Conditioning/ Humid Area Criteria	**Threshold**	**T ≥ 93°F**	**T ≥ 80°F**	**Twb ≥ 73°F**	**Twb ≥ 67°F**
	# of Hours	16	517	0	3

Other Site Data

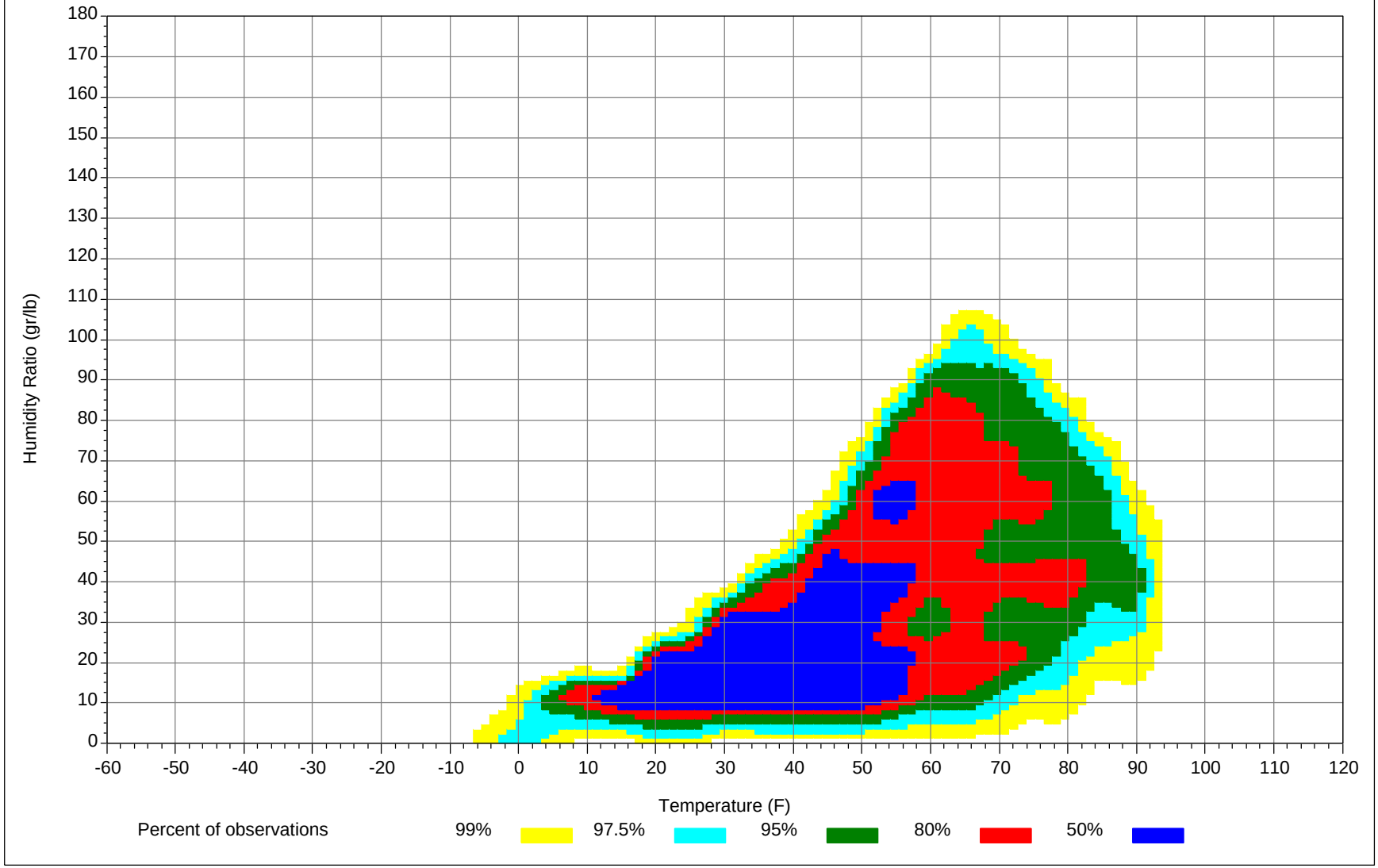
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
6	2.5	100	0.0 + 0.5
Ground Water Temperature (°F) 50 Foot Depth*	Frost Depth 50 Year Recurrence (in)	Ground Snow Load 50 Year Recurrence (lb/ft^2)	Average Annual Freeze-Thaw Cycles (#)
52.2	38	15	124

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

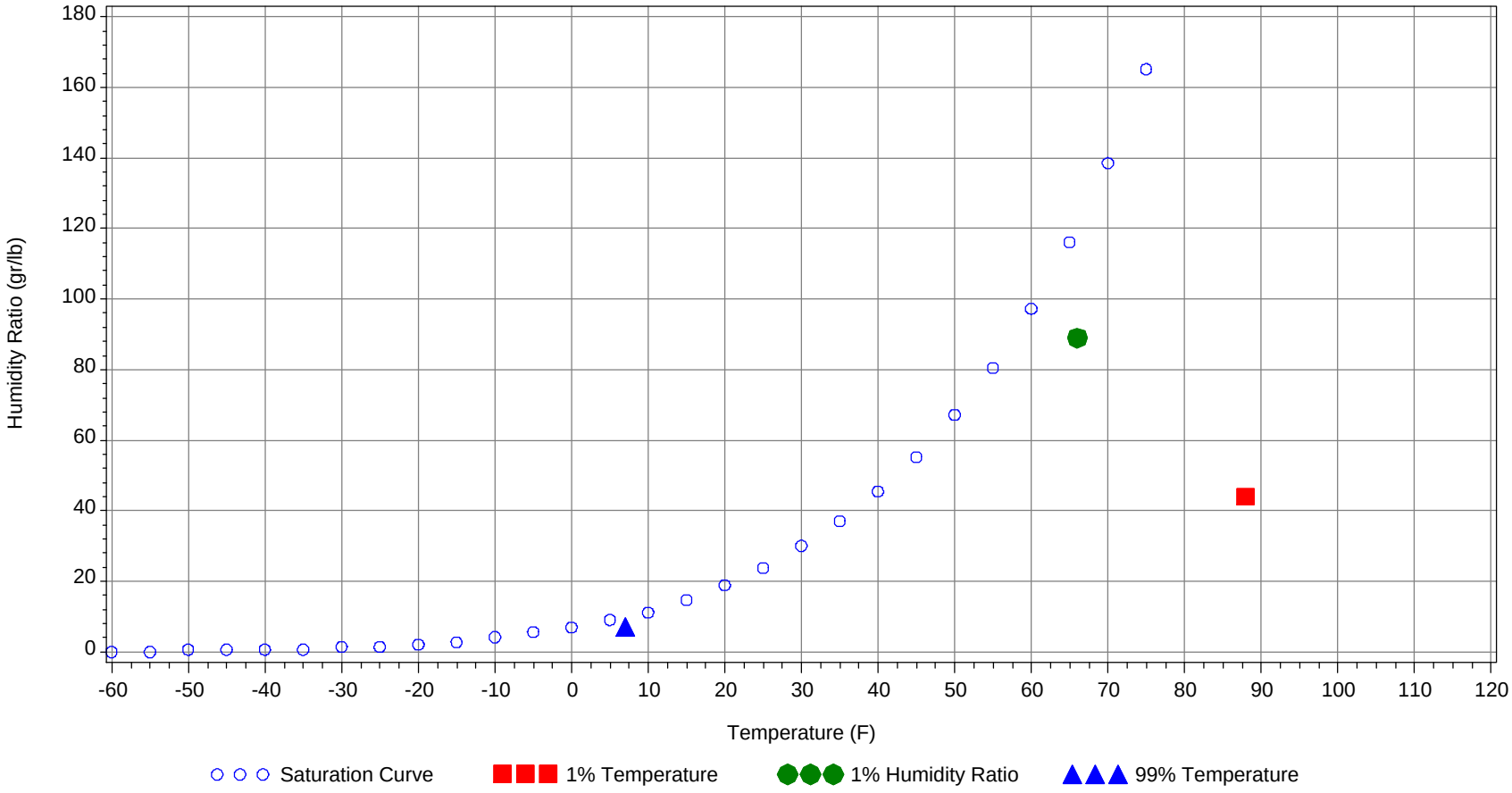
Average Annual Climate



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	88.0		58		44.0	28.0
99.0% Dry Bulb	7.0				7.0	2.8
1.0% Humidity Ratio	89.0	66.0	60.5	57.9		29.6

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)**
95/ 99															
90/ 94															
85/ 89															
80/ 84												0		0	47
75/ 79							0		0	47.5		1	0	1	47.3
70/ 74		0		0	46.5		1	0	1	45		9	1	10	45.1
65/ 69		1		1	42.8		2	0	2	42.9		13	3	16	43.2
60/ 64		8	0	8	40.5	0	10	1	11	40.8	1	31	9	41	41.5
55/ 59	0	16	2	18	38.4	1	21	5	27	38.5	3	32	17	52	39.4
50/ 54	3	29	7	39	36.2	3	25	10	38	36.4	11	36	27	74	37.5
45/ 49	9	35	15	59	33.6	8	31	19	58	33.8	22	38	38	98	35.1
40/ 44	11	30	16	57	31.2	10	25	17	52	31.6	26	20	29	75	33.4
35/ 39	26	37	35	98	28.9	25	33	35	93	29.2	46	23	42	111	31
30/ 34	41	29	46	116	26.2	37	27	43	107	26.7	50	20	35	105	28.1
25/ 29	49	26	47	122	22.7	48	23	43	114	23.4	46	16	28	90	24.2
20/ 24	33	15	29	77	19.2	34	10	21	65	19.8	22	5	10	37	19.9
15/ 19	37	11	27	75	15.3	32	7	14	53	15.9	13	3	5	21	15.7
10/ 14	17	6	12	35	10.4	10	4	5	19	10.6	6	1	2	9	10.7
5/ 9	12	3	8	23	5.9	6	3	4	13	5.8	2	1	2	5	5.9
0/ 4	7	1	4	12	1.3	4	1	3	8	1.1	1		0	1	1.1
-5/ -1	2	0	1	3	-3.4	2	1	1	4	-3.7	0			0	-3
-10/ -6	1	0	0	1	-8.1	1	1	1	3	-8.1					
-15/-11	0			0	-12	1	0	0	1	-12.7					
-20/-16						0	0	0	0	-15.9					
-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

	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)**
95/ 99												2	0	2	57
90/ 94							1		1	55.8	0	13	2	15	56.7
85/ 89		0		0	56.7		3	0	3	54.2	0	25	6	31	56.5
80/ 84		1	0	1	50.3	0	15	3	18	52.6	2	47	17	66	56
75/ 79	0	9	1	10	48.4	1	29	9	39	51.3	7	43	25	75	55.5
70/ 74	0	23	6	29	46.6	4	42	18	64	50.5	15	43	41	99	54.5
65/ 69	1	24	9	34	45	6	31	19	56	49.3	21	27	36	84	53.6
60/ 64	4	37	20	61	43.5	17	43	39	99	48.1	52	21	50	123	52.4
55/ 59	11	32	27	70	41.5	29	30	44	103	46.6	63	12	36	111	50.6
50/ 54	22	31	35	88	39.9	56	24	48	128	45.1	55	5	20	80	48.1
45/ 49	38	29	42	109	37.9	64	16	37	117	42	20	2	5	27	43.7
40/ 44	34	15	29	78	36	32	7	15	54	38.5	4	0	1	5	40.2
35/ 39	54	18	35	107	33	27	5	11	43	34.6	1	0	0	1	36.6
30/ 34	46	13	25	84	29.4	11	1	3	15	30					
25/ 29	20	5	8	33	25.1	1	0	0	1	24.6					
20/ 24	6	1	2	9	20.1	0			0	20.3					
15/ 19	2	1	1	4	15.9										
10/ 14	1		1	2	9.7										
5/ 9	0			0	7										
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)**
95/ 99		2	0	2	61		0	0	0	60.8					
90/ 94		33	5	38	59.3		10	1	11	59.4		2	0	2	58.4
85/ 89	0	41	9	50	59.3		31	4	35	59.3		10	1	11	56.9
80/ 84	5	62	22	89	59.4	1	67	15	83	59.3	0	44	6	50	55.5
75/ 79	12	45	35	92	59.1	6	55	25	86	58.9	2	48	13	63	54.3
70/ 74	28	36	56	120	58.1	22	45	50	117	57.9	8	47	28	83	53.2
65/ 69	38	15	46	99	57	28	18	48	94	56.9	12	25	31	68	51.9
60/ 64	90	10	57	157	56.2	83	14	72	169	55.7	35	28	53	116	50.8
55/ 59	59	3	16	78	53.7	78	5	28	111	53.4	52	16	46	114	49.1
50/ 54	15	1	2	18	50.2	27	2	4	33	49.9	62	10	36	108	46.6
45/ 49	1		0	1	45.4	3	0	0	3	45.7	44	5	17	66	42.7
40/ 44						0			0	40.5	13	3	5	21	38.7
35/ 39											9	2	4	15	35.4
30/ 34											2	0	1	3	31
25/ 29											1			1	27.2
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)**
95/ 99															
90/ 94															
85/ 89		0		0	51.8										
80/ 84		5	0	5	52.2										
75/ 79		21	1	22	50.6		1		1	46.4					
70/ 74	0	36	6	42	48.7		9	0	9	45.4		0		0	45.3
65/ 69	2	29	9	40	46.9	0	13	0	13	43.9		1		1	43
60/ 64	9	41	22	72	45.5	1	30	4	35	42		8	0	8	41
55/ 59	17	32	31	80	43.4	4	29	9	42	39.9	1	17	2	20	38.5
50/ 54	35	29	44	108	41.6	9	31	18	58	37.6	3	27	6	36	36.4
45/ 49	47	24	50	121	39.1	24	31	32	87	35.1	8	33	12	53	33.7
40/ 44	40	10	31	81	36.3	23	21	25	69	32.9	11	26	15	52	31.4
35/ 39	51	9	30	90	33.1	42	30	45	117	30.6	25	37	33	95	28.9
30/ 34	29	6	15	50	29.2	46	22	44	112	27.7	39	34	42	115	26.1
25/ 29	13	3	6	22	24.9	45	14	34	93	23.8	52	29	53	134	22.7
20/ 24	2	2	2	6	20.1	21	5	14	40	19.6	36	12	31	79	19
15/ 19	2	0	1	3	16.7	16	3	10	29	15.5	37	12	29	78	15.4
10/ 14	1	0	0	1	11.3	6	1	3	10	10.6	19	5	10	34	10.5
5/ 9	0		0	0	7.5	3	1	1	5	5.7	8	4	5	17	5.7
0/ 4						1	0	1	2	1.6	5	3	4	12	0.9
-5/ -1						0		0	0	-2.6	3	1	1	5	-3.4
-10/ -6											2	0	1	3	-7.6
-15/-11											1	0	0	1	-12.1
-20/-16											0	0	0	0	-16.9
-25/-21											0		0	0	-21.4

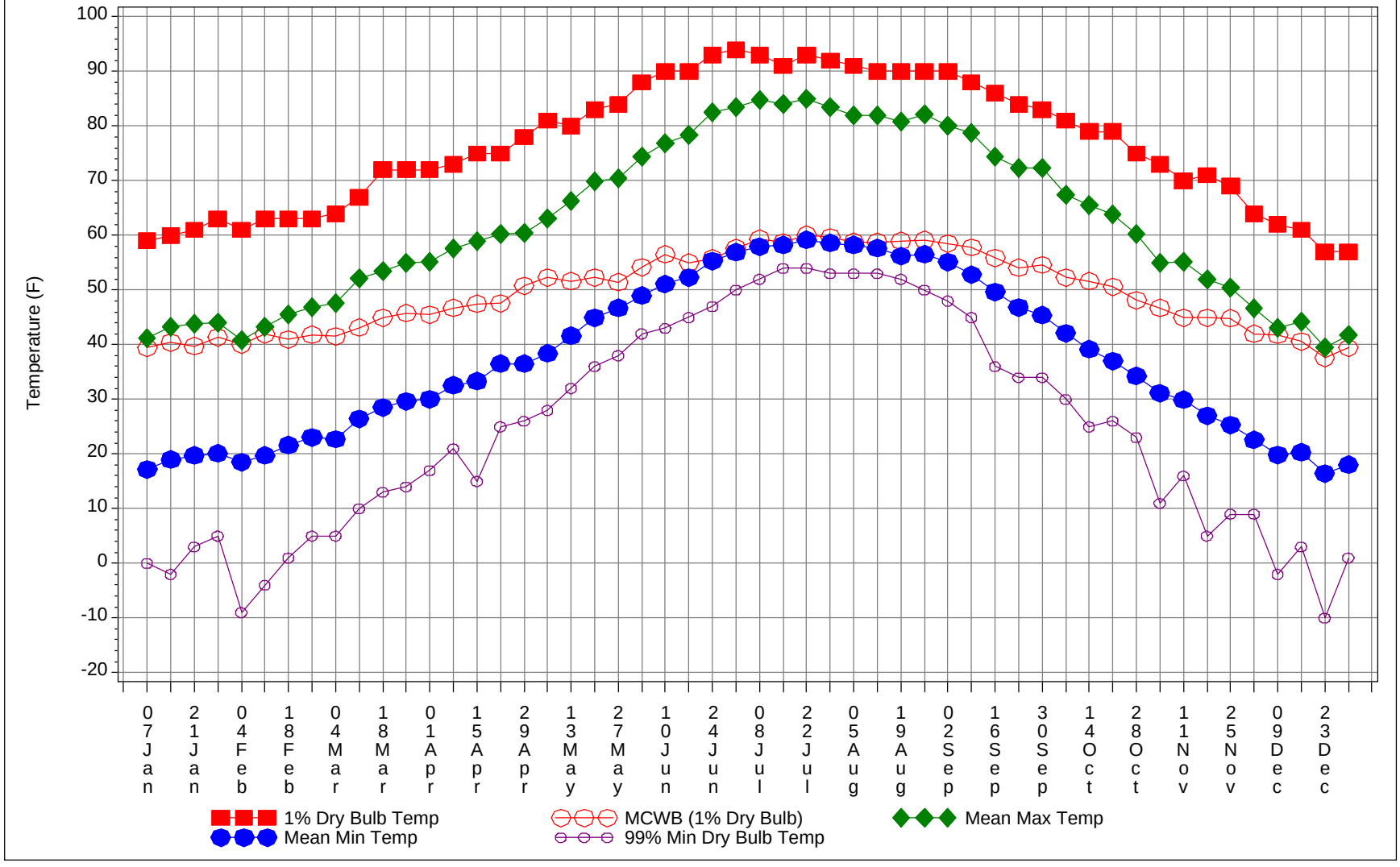
Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary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

Dry-Bulb Temperature Hours For An Average Year

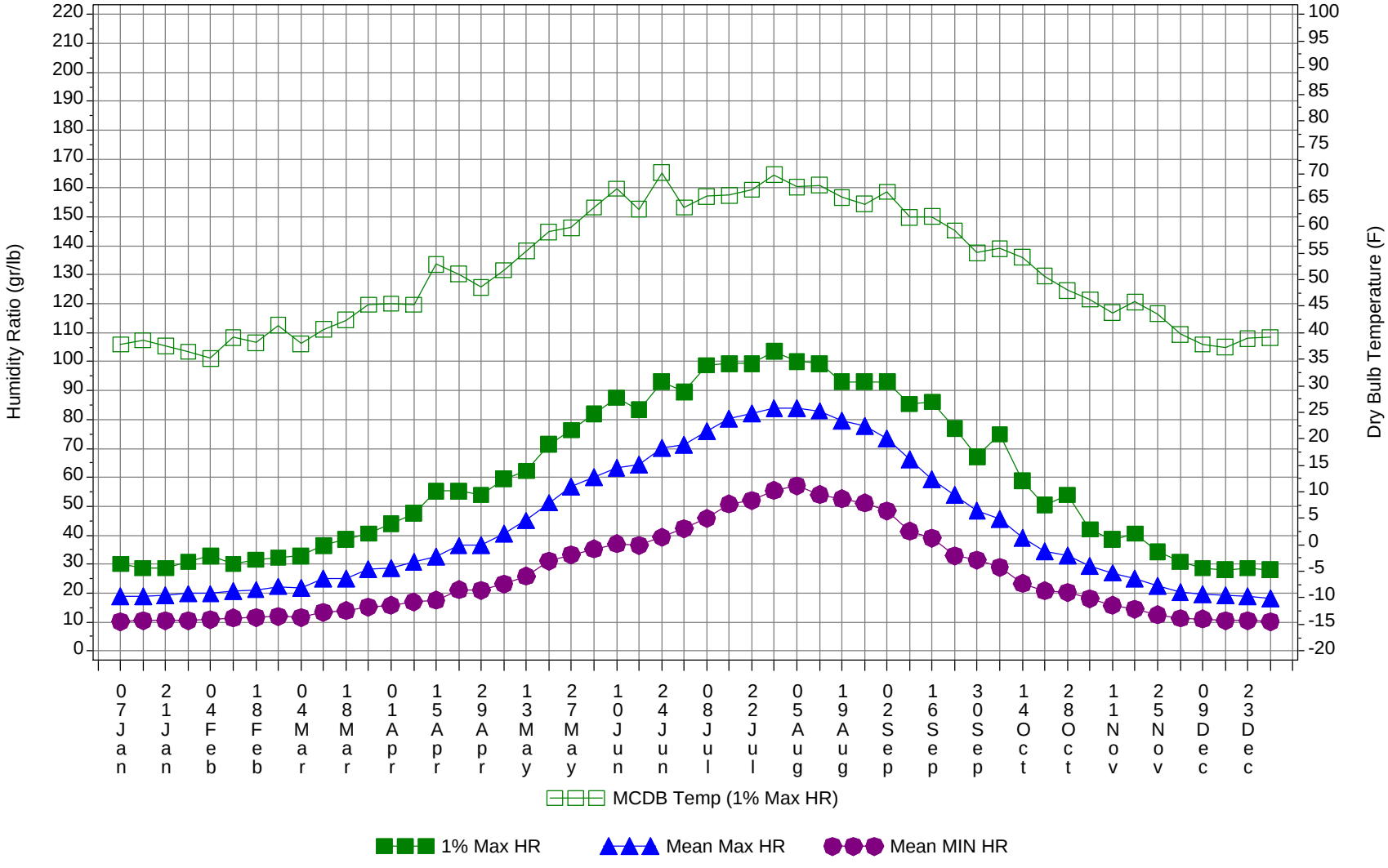
	Annual				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
95/ 99		5	1	6	59
90/ 94	0	59	8	67	58.7
85/ 89	1	110	20	131	58.3
80/ 84	9	241	64	314	57.4
75/ 79	27	253	110	390	56
70/ 74	78	291	206	575	54.1
65/ 69	108	201	202	511	52.4
60/ 64	292	281	329	902	50.6
55/ 59	317	244	263	824	46.9
50/ 54	299	249	255	803	42.4
45/ 49	287	244	267	798	37.8
40/ 44	204	158	183	545	34.3
35/ 39	304	193	270	767	31
30/ 34	301	152	255	708	27.5
25/ 29	275	117	219	611	23.5
20/ 24	154	50	109	313	19.5
15/ 19	140	37	88	265	15.5
10/ 14	60	17	33	110	10.5
5/ 9	31	10	20	61	5.8
0/ 4	20	6	13	39	1.1
-5/ -1	6	2	4	12	-3.5
-10/ -6	5	1	3	9	-7.9
-15/-11	2	1	1	4	-12.4
-20/-16	1	0	0	1	-16.4
-25/-21	0		0	0	-21.4

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.

Annual Summary of Temperatures



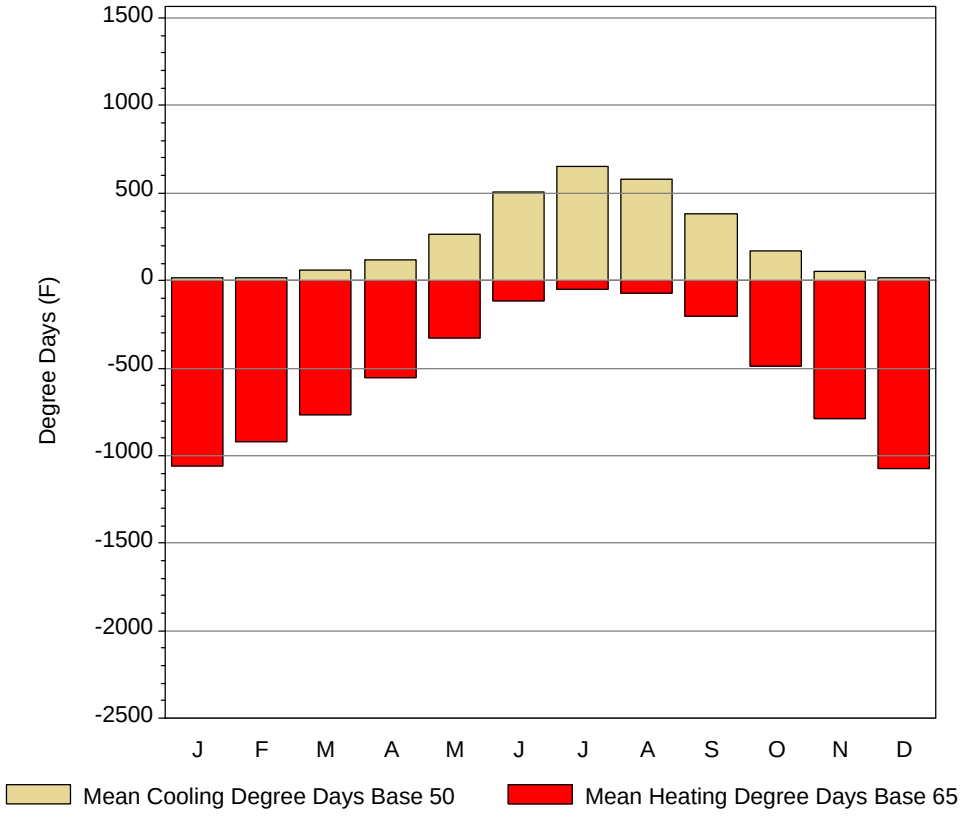
Long Term Humidity and Dry Bulb Temperature Summary



Long Term Humidity and Dry Bulb Temperature Summary

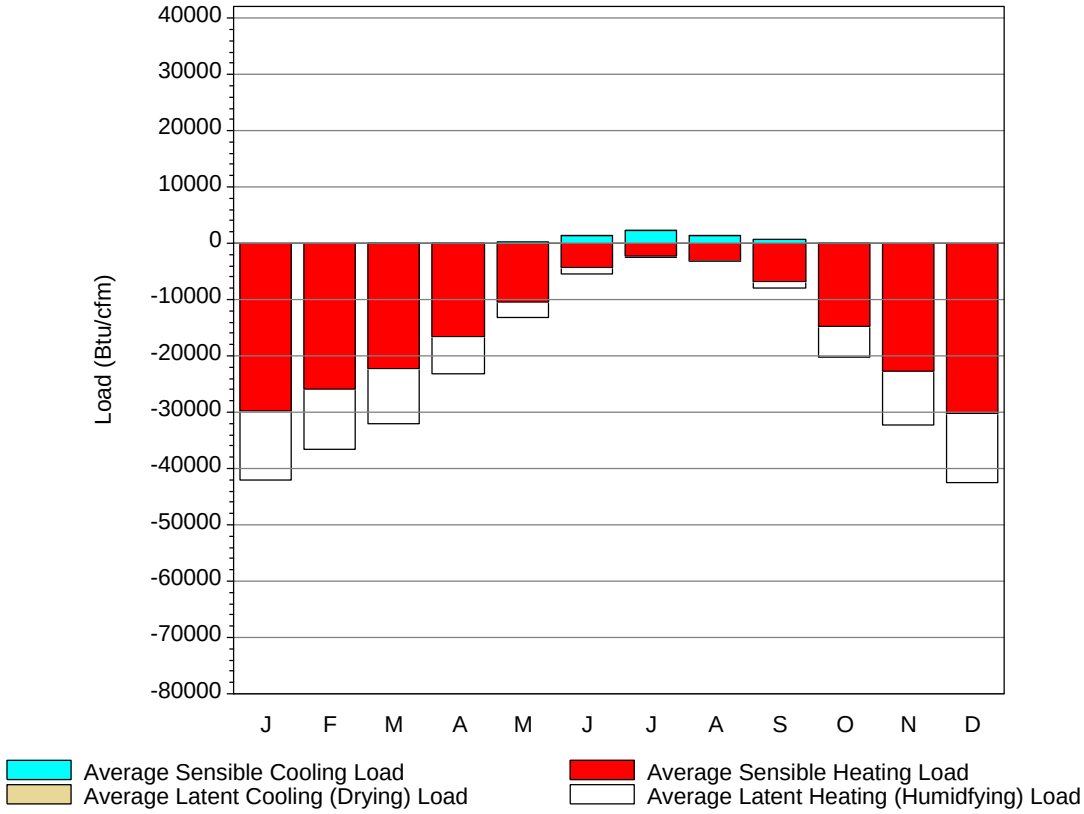
Week Ending	1.0% Temp (°F)	MCWB@ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB@ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	59	39.4	41.2	17.2	0	30.1	37.8	19	10.1
14-Jan	60	40.4	43.2	19	-2	28.7	38.6	18.9	10.5
21-Jan	61	39.7	43.9	19.7	3	28.7	37.5	19.2	10.4
28-Jan	63	41.3	44	20.1	5	30.8	36.4	19.8	10.5
4-Feb	61	40	40.8	18.5	-9	32.9	35.2	19.8	10.9
11-Feb	63	41.9	43.3	19.7	-4	30.1	39.1	20.6	11.4
18-Feb	63	41	45.6	21.6	1	31.5	38.1	21.2	11.6
25-Feb	63	41.8	46.9	23	5	32.2	41.4	22.3	11.9
4-Mar	64	41.5	47.6	22.7	5	32.9	37.9	21.9	11.6
11-Mar	67	43.1	52.2	26.4	10	36.4	40.6	24.9	13.4
18-Mar	72	44.9	53.4	28.5	13	38.5	42.4	25	13.9
25-Mar	72	45.8	54.9	29.6	14	40.6	45.3	28.2	15.1
1-Apr	72	45.5	55.1	30	17	44.1	45.5	28.7	15.8
8-Apr	73	46.7	57.7	32.6	21	47.6	45.3	30.9	16.9
15-Apr	75	47.5	59	33.3	15	55.3	52.9	32.6	17.5
22-Apr	75	47.6	60.3	36.5	25	55.3	51.1	36.4	21.1
29-Apr	78	50.8	60.4	36.5	26	53.9	48.6	36.5	21
6-May	81	52.3	63	38.4	28	59.5	51.8	40.5	23.1
13-May	80	51.6	66.3	41.6	32	62.3	55.4	45.1	25.8
20-May	83	52.3	69.8	44.9	36	71.4	59	51.2	31.1
27-May	84	51.4	70.4	46.7	38	76.3	59.8	56.7	33.2
4-Jun	88	54.2	74.4	49	42	81.9	63.6	60.1	35.3
10-Jun	90	56.5	76.8	51.1	43	87.5	67.2	63.2	37.1
17-Jun	90	55	78.3	52.3	45	83.3	63.3	64.5	36.5
24-Jun	93	55.8	82.5	55.3	47	93.1	70.2	70.1	39.3
1-Jul	94	57.7	83.5	56.9	50	89.6	63.6	71.3	42.3
8-Jul	93	59.4	84.8	57.9	52	98.7	65.7	76	45.8
15-Jul	91	58.7	84.1	58.2	54	99.4	65.9	80.3	50.8
22-Jul	93	60.1	84.9	59.2	54	99.4	67	82	52.1
29-Jul	92	59.7	83.4	58.6	53	103.6	69.8	83.9	55.5
5-Aug	91	58.8	82	58.2	53	100.1	67.5	83.9	57.1
12-Aug	90	58.8	81.9	57.7	53	99.4	67.8	83	54
19-Aug	90	59	80.8	56.2	52	93.1	65.5	79.6	52.6
26-Aug	90	59.2	82.1	56.5	50	93.1	64.3	77.7	51.2
2-Sep	90	58.5	80.1	55.1	48	93.1	66.6	73.4	48.5
9-Sep	88	57.8	78.8	52.8	45	85.4	61.8	66.2	41.4
16-Sep	86	55.9	74.5	49.6	36	86.1	61.9	59.4	39
23-Sep	84	54.1	72.4	46.8	34	77	59.3	54	32.9
30-Sep	83	54.6	72.4	45.4	34	67.2	55.1	48.6	31.4
7-Oct	81	52.3	67.4	42.1	30	74.9	55.9	45.6	28.9
14-Oct	79	51.6	65.6	39.2	25	58.8	54.2	39.2	23.3
21-Oct	79	50.6	63.9	37	26	50.4	50.7	34.4	20.8
28-Oct	75	48.1	60.3	34.3	23	53.9	48	33.1	20.2
4-Nov	73	46.7	54.9	31.1	11	42	46.3	29.4	18.1
11-Nov	70	44.9	55.2	29.9	16	38.5	43.8	27	15.8
18-Nov	71	44.9	52	27	5	40.6	45.8	25	14.4
25-Nov	69	44.8	50.4	25.3	9	34.3	43.6	22.4	12.5
2-Dec	64	42	46.7	22.6	9	30.8	39.7	20.4	11.3
9-Dec	62	41.8	43.1	19.8	-2	28.7	37.8	19.6	11.1
16-Dec	61	40.6	44.2	20.3	3	28	37.3	19.3	10.5
23-Dec	57	37.6	39.4	16.4	-10	28.7	38.9	19	10.4
31-Dec	57	39.4	41.7	18	1	28	39.1	18.3	10.1

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	13.3	0.2	1057
FEB	18.9	0.5	916.9
MAR	63.1	4.4	766
APR	122.2	16.6	555.1
MAY	261.8	57.4	328.8
JUN	504.4	167.8	118.4
JUL	654.2	240.4	51.3
AUG	577.1	186.1	74.4
SEP	380.5	106.3	202.1
OCT	167.1	29.5	488.2
NOV	51.6	3.5	787.8
DEC	12.9	0.1	1074.6
ANN	2827.1	812.8	6420.6

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	-29805	0	-12227
FEB	0	-25957	0	-10568
MAR	2	-22200	0	-9714
APR	28	-16522	0	-6606
MAY	259	-10424	0	-2792
JUN	1401	-4304	2	-1095
JUL	2234	-2285	35	-172
AUG	1459	-3083	15	-115
SEP	670	-6767	0	-1269
OCT	81	-14761	0	-5373
NOV	0	-22700	0	-9597
DEC	0	-30261	0	-12258
ANN	6134	-189069	52	-71786

Station Information		Shading Geometry in Dimensionless Units	
City, State, WBAN	COLORADOSPRINGS, CO 93037	Window:	1.000
Lat, Lon, Elev	38.82N 104.72W 6172ft	Overhang:	0.500
Press, Stn_Type	11.8psia Secondary	Vert Gap:	0.315

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

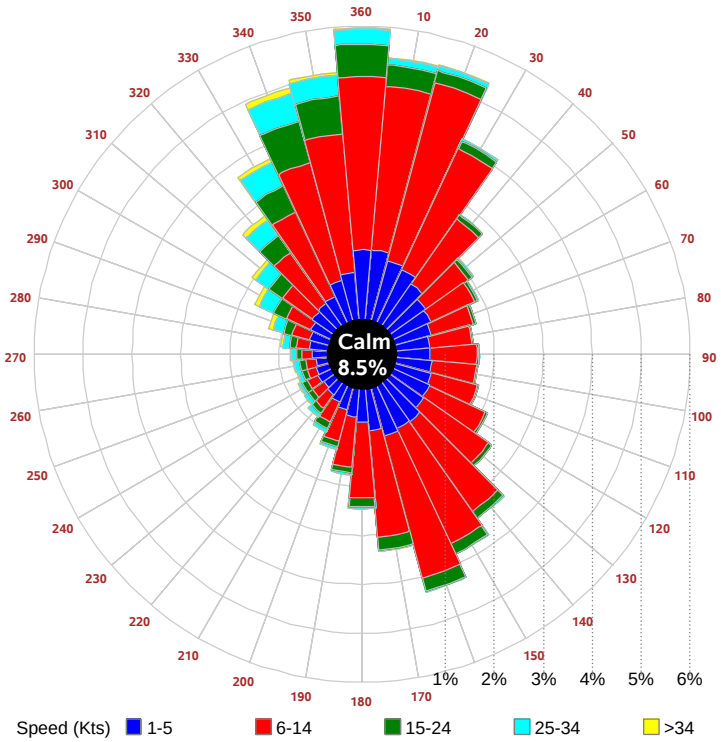
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ.	Global	800	1070	1420	1790	1960	2200	2110	1910	1630	1270	880	720	1480
	Std.Dev.	49	54	97	97	113	136	117	107	104	97	49	42	41
	Minimum	690	950	1170	1530	1740	1950	1930	1650	1360	1010	800	640	1410
	Maximum	890	1150	1610	2000	2210	2440	2350	2120	1820	1420	990	800	1550
	Diffuse	260	350	500	610	710	670	660	600	470	350	280	240	480
Clear Day	Global	1010	1370	1870	2380	2680	2790	2710	2430	2000	1500	1080	900	1900
NORTH	Global	200	260	350	440	560	640	590	470	360	280	220	180	380
	Diffuse	200	260	350	420	480	500	480	430	360	280	220	180	350
Clear Day	Global	180	230	310	420	600	730	660	470	330	260	190	160	380
EAST	Global	580	740	940	1140	1220	1340	1340	1220	1050	860	620	530	970
	Diffuse	250	320	430	520	570	580	570	530	440	350	270	230	420
Clear Day	Global	780	990	1250	1470	1580	1600	1560	1470	1290	1050	810	710	1210
SOUTH	Global	1450	1450	1300	1090	860	790	820	1000	1270	1510	1450	1430	1200
	Diffuse	360	420	490	530	540	520	520	520	480	420	370	330	460
Clear Day	Global	2110	2120	1900	1440	1050	880	940	1230	1670	2010	2080	2060	1620
WEST	Global	580	710	870	1010	1030	1110	1000	990	960	840	630	530	860
	Diffuse	250	330	440	530	580	590	580	530	450	350	270	230	430
Clear Day	Global	780	990	1250	1470	1580	1600	1560	1470	1290	1050	810	710	1210

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	510	730	1010	1300	1430	1610	1550	1390	1170	880	580	450	1050
NORTH	Unshaded	140	180	240	300	360	410	380	310	250	200	150	130	250
	Shaded	130	170	220	270	330	370	340	290	230	180	140	120	230
EAST	Unshaded	400	520	670	820	870	960	970	880	750	610	430	360	690
	Shaded	370	470	590	720	760	830	830	760	660	550	390	340	610
SOUTH	Unshaded	1100	1070	900	700	520	460	480	620	850	1080	1090	1080	830
	Shaded	1080	1000	720	450	340	330	330	370	610	960	1060	1070	690
WEST	Unshaded	400	500	610	720	730	790	710	700	680	590	430	370	600
	Shaded	360	450	550	630	630	680	610	610	610	530	400	340	530

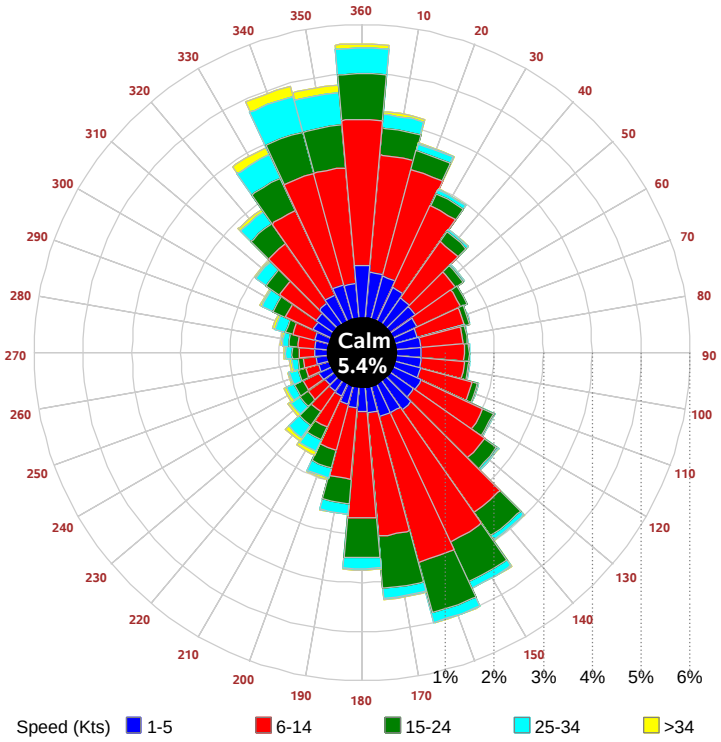
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS Percentage Uncertainty = 9											
				March					June		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	44	76	84	66	28	52	87	102	97	69
	M.Cloudy	29	51	59	45	18	35	65	78	66	46
NORTH	M.Clear	10	13	14	12	8	18	15	16	16	13
	M.Cloudy	10	15	17	14	7	15	17	17	17	14
EAST	M.Clear	83	57	14	12	8	87	72	28	16	13
	M.Cloudy	39	36	17	14	7	45	52	26	17	14
SOUTH	M.Clear	45	76	84	66	28	11	30	44	39	17
	M.Cloudy	24	45	53	39	14	11	27	37	30	16
WEST	M.Clear	10	13	25	70	74	11	15	16	53	82
	M.Cloudy	10	15	22	41	28	11	17	17	38	48
M.Clear	(% hrs)	42	42	34	31	31	60	59	52	36	31

				Sept					Dec		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	33	71	87	80	48	18	45	50	31	2
	M.Cloudy	19	47	60	54	32	12	31	35	21	2
NORTH	M.Clear	8	13	15	14	11	6	10	10	8	1
	M.Cloudy	8	15	17	16	11	5	10	11	8	1
EAST	M.Clear	79	72	26	14	11	52	41	10	8	1
	M.Cloudy	29	42	23	16	11	20	24	11	8	1
SOUTH	M.Clear	25	59	75	68	39	49	90	95	69	8
	M.Cloudy	12	36	48	43	22	19	45	52	33	3
WEST	M.Clear	8	13	15	56	81	6	10	24	55	11
	M.Cloudy	8	15	17	37	39	5	10	18	27	4
M.Clear	(% hrs)	58	59	56	49	45	47	47	44	45	50

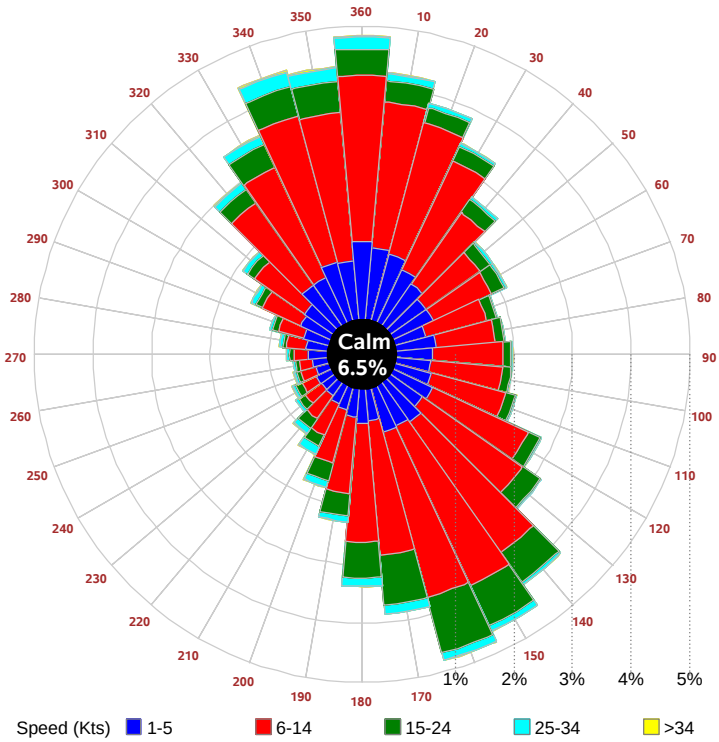
Wind Summary - December, January, and February



Wind Summary - March, April, and May



Wind Summary - June, July, and August



Wind Summary - September, October, and November