AUSTIN BERGSTROM INTL, TX	
Latitude = 30.19 N	Station ID = ICAO_KAUS
Longitude = 97.67 W	Elevation = 542 Feet
Period of Record = 1988 To 2017	Average Pressure = 29.37 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	102	74	85	8.7	S
0.4% Occurrence	100	75	90	9.5	S
1.0% Occurrence	99	75	91	9.5	S
2.0% Occurrence	97	75	97	9.7	S
Mean Daily Range	22	-	-	-	N
97.5% Occurrence	34	31	22	6.6	N
99.0% Occurrence	30	28	18	6.6	N
99.6% Occurrence	27	25	16	5.7	N
Median of Extreme Lows	21	19	12	9	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	81	91	142	9.3	S
0.4% Occurrence	79	90	130	9.9	S
1.0% Occurrence	78	88	127	9.7	S
2.0% Occurrence	77	87	124	9.3	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	153	81	1	5.5	S
0.4% Occurrence	139	81	0.9	8.2	S
1.0% Occurrence	134	80	0.88	7.7	S
2.0% Occurrence	134	80	0.88	7.3	S

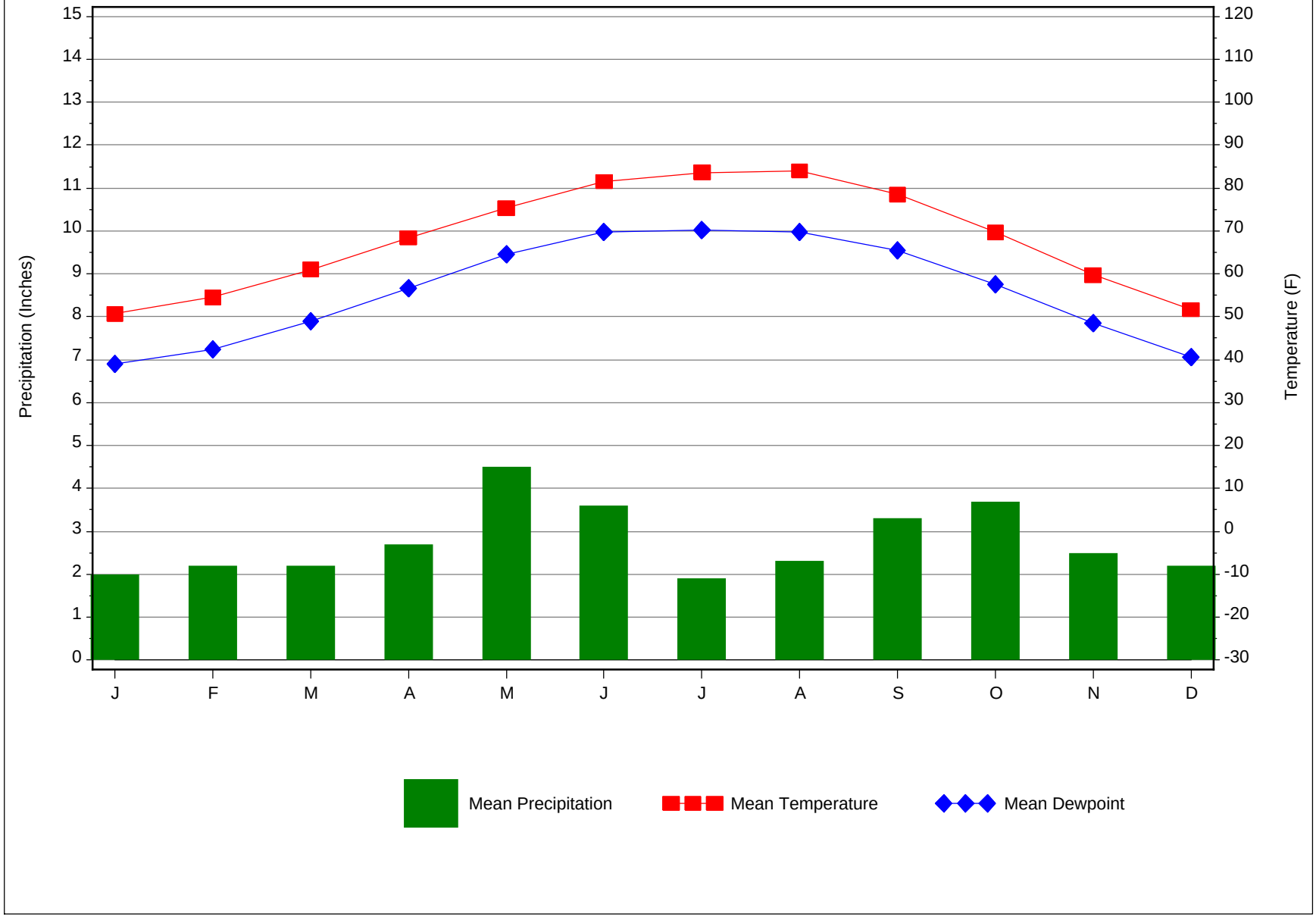
Air Conditioning/ Humid Area Criteria	**Threshold**	**T ≥ 93°F**	**T ≥ 80°F**	**Twb ≥ 73°F**	**Twb ≥ 67°F**
	# of Hours	421	2171	2296	3997

Other Site Data

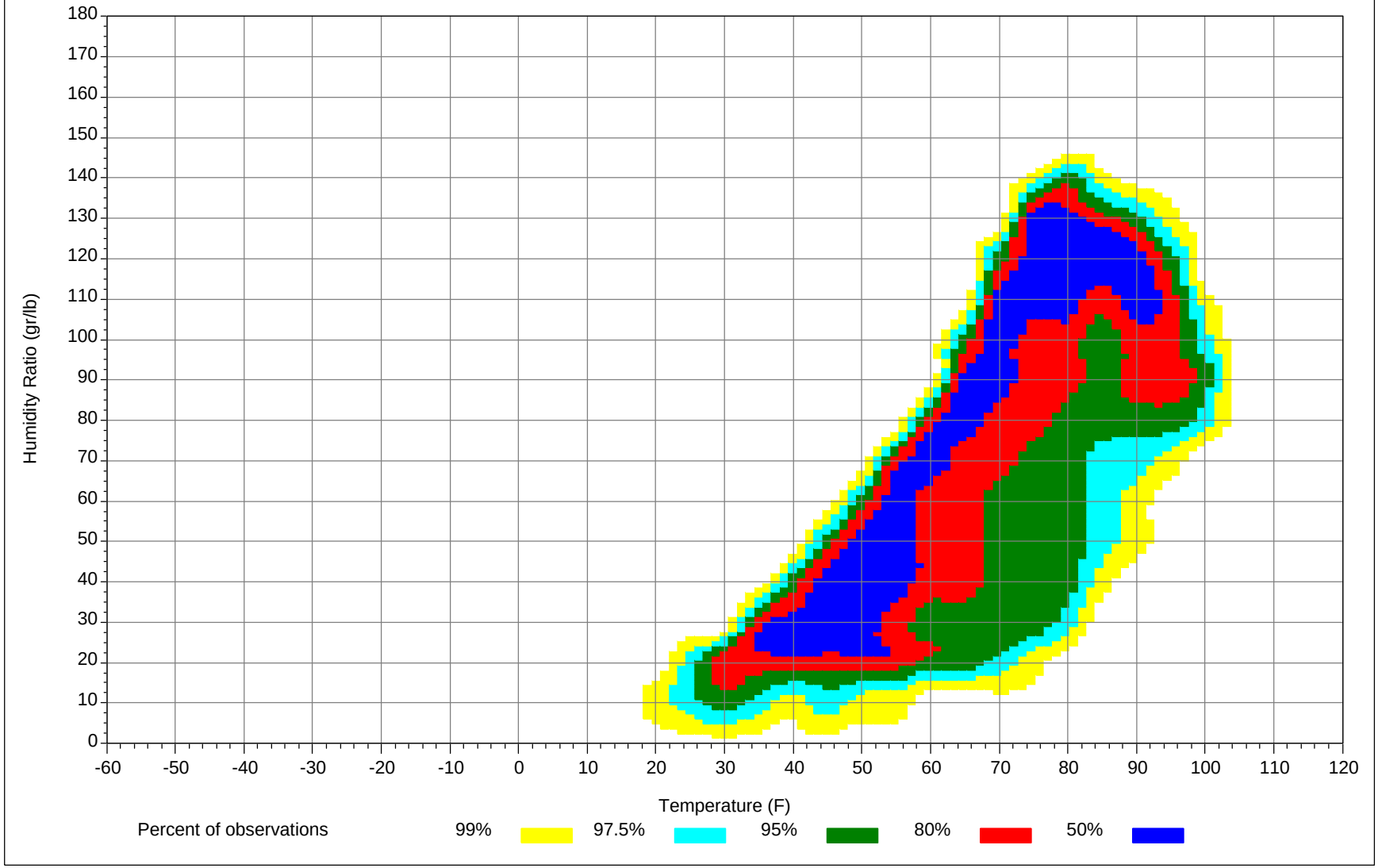
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
10	4.3	90	7.2 + 2.6
Ground Water Temperature (°F) 50 Foot Depth*	Frost Depth 50 Year Recurrence (in)	Ground Snow Load 50 Year Recurrence (lb/ft^2)	Average Annual Freeze-Thaw Cycles (#)
70.8	4	5	19

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

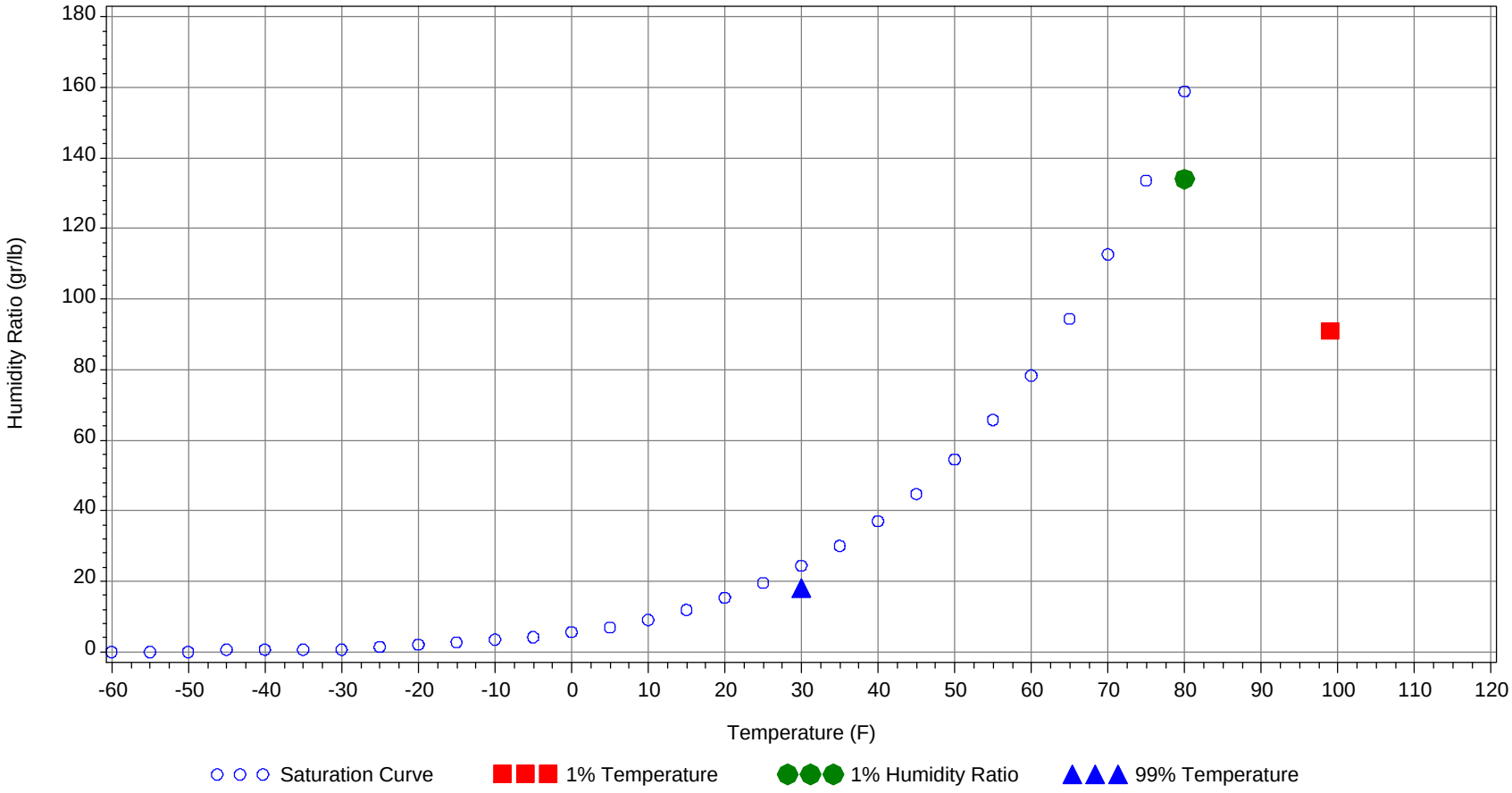
Average Annual Climate



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	99.0		75		91.0	38.3
99.0% Dry Bulb	30.0				18.0	10.1
1.0% Humidity Ratio	134.0	80.0	76.5	75.0		40.3

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)**
110/114															
105/109															
100/104															
95/ 99							0	0	0	63.7		0	0	0	62
90/ 94							0	0	0	63.3		1	0	1	62.8
85/ 89		0		0	62.2		1	0	1	63.8		3	1	4	65.9
80/ 84		2	1	3	62.4		6	2	8	63.2		19	8	27	65.6
75/ 79		11	3	14	61.9		17	7	24	62.3	0	36	18	54	64.6
70/ 74	4	27	15	46	61.7	5	31	22	58	61.6	14	51	46	111	63.4
65/ 69	10	23	18	51	59.1	15	26	25	66	59.9	35	35	38	108	61
60/ 64	16	35	29	80	54.9	23	35	35	93	55.3	42	43	48	133	56.8
55/ 59	19	34	34	87	50.5	25	32	31	88	50.8	40	24	32	96	52
50/ 54	34	37	40	111	46.9	35	29	36	100	46.9	38	16	23	77	47.4
45/ 49	42	35	41	118	42.3	42	22	29	93	42.9	33	11	18	62	43
40/ 44	33	18	25	76	38.3	25	10	13	48	38.5	20	6	8	34	38.9
35/ 39	43	18	26	87	34.3	27	8	13	48	34.6	17	2	5	24	34.6
30/ 34	29	7	12	48	29.8	15	4	6	25	30.1	7	1	1	9	29.3
25/ 29	15	2	3	20	24.9	9	2	3	14	25.2	2	0	0	2	24.3
20/ 24	3	0	1	4	20.6	3	1	1	5	20.1	0		0	0	20.9
15/ 19	2		0	2	17	1	0	0	1	17	0			0	17.5
10/ 14	0			0	11.4	0			0	13					
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)**
110/114															
105/109												0	0	0	73.3
100/104							0	0	0	70.8		4	2	6	74.4
95/ 99		0	0	0	69.9		4	1	5	73.8		21	11	32	75.1
90/ 94		5	2	7	70.3		30	12	42	74.1		72	36	108	75.3
85/ 89		12	5	17	69.8		41	22	63	73.2	0	62	37	99	74.9
80/ 84	0	49	24	73	68.4	2	75	51	128	71.5	20	58	70	148	74.2
75/ 79	5	57	42	104	66.8	46	52	64	162	70.7	114	17	56	187	73.3
70/ 74	52	55	65	172	65.6	90	30	56	176	68	81	6	25	112	70
65/ 69	44	25	35	104	62.1	49	10	24	83	64	20	0	3	23	65.5
60/ 64	49	21	35	105	57.6	38	4	13	55	59.6	5		0	5	61.7
55/ 59	38	9	18	65	52.5	13	1	3	17	54.1	0			0	55.8
50/ 54	29	4	10	43	48.6	8	0	2	10	50.2					
45/ 49	15	1	4	20	43.9	2	0	0	2	45.5					
40/ 44	4	0	1	5	39.8	0		0	0	40.8					
35/ 39	3	0	1	4	36.6	0		0	0	37.2					
30/ 34	0		0	0	32.1										
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)**
110/114												0		0	76
105/109		0	0	0	75		1	0	1	73.3		1	0	1	74.7
100/104		8	4	12	74.2		15	6	21	74.3		3	1	4	73.4
95/ 99		48	25	73	74.9		59	28	87	75.1		18	6	24	74.1
90/ 94		84	44	128	75.3		81	42	123	75.1		61	22	83	73.3
85/ 89	0	52	40	92	75.2	0	45	41	86	74.8	0	52	27	79	72.8
80/ 84	31	42	72	145	74.7	37	36	74	147	74.5	10	56	56	122	72.2
75/ 79	146	11	48	205	73.9	138	10	42	190	73.7	72	31	62	165	71.7
70/ 74	65	3	14	82	71.1	65	3	14	82	70.4	90	14	40	144	68.5
65/ 69	5	0	1	6	66.2	6	0	1	7	65	27	3	13	43	62.6
60/ 64	0			0	61	1		0	1	61.7	25	2	9	36	58.4
55/ 59											11	0	3	14	53.6
50/ 54											4	0	1	5	50.3
45/ 49											1		0	1	46.4
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)**
110/114															
105/109															
100/104															
95/ 99		1	0	1	69.8										
90/ 94		16	3	19	71.7		0		0	72					
85/ 89		32	10	42	70.4		4	0	4	69		0		0	68.3
80/ 84	1	59	27	87	69.1		20	4	24	68.2		3	0	3	66.4
75/ 79	20	51	47	118	68.5	2	35	15	52	66.2	0	14	4	18	65.3
70/ 74	51	41	59	151	66	25	45	35	105	64.8	7	30	17	54	63.1
65/ 69	37	19	30	86	61.9	17	30	29	76	60.6	14	24	21	59	60.6
60/ 64	50	16	33	99	57.8	33	39	41	113	56.5	18	33	30	81	55.4
55/ 59	39	8	20	67	53	34	27	37	98	51.7	22	36	32	90	50.7
50/ 54	25	3	12	40	48.9	40	21	32	93	47.6	32	38	42	112	46.7
45/ 49	18	1	6	25	44.6	36	11	23	70	42.8	42	34	40	116	42.5
40/ 44	4	0	1	5	39.8	20	5	11	36	38.8	30	17	25	72	38.4
35/ 39	4	0	1	5	35.7	20	3	9	32	35	38	12	22	72	34.4
30/ 34	1	0		1	31.1	10	0	3	13	30.3	24	4	12	40	29.6
25/ 29						3		0	3	26.4	17	2	4	23	25.1
20/ 24						0			0	22	3	1	0	4	19.8
15/ 19											1	0	1	2	14.2
10/ 14											0	0	0	0	9.8
5/ 9											0	0		0	4.5

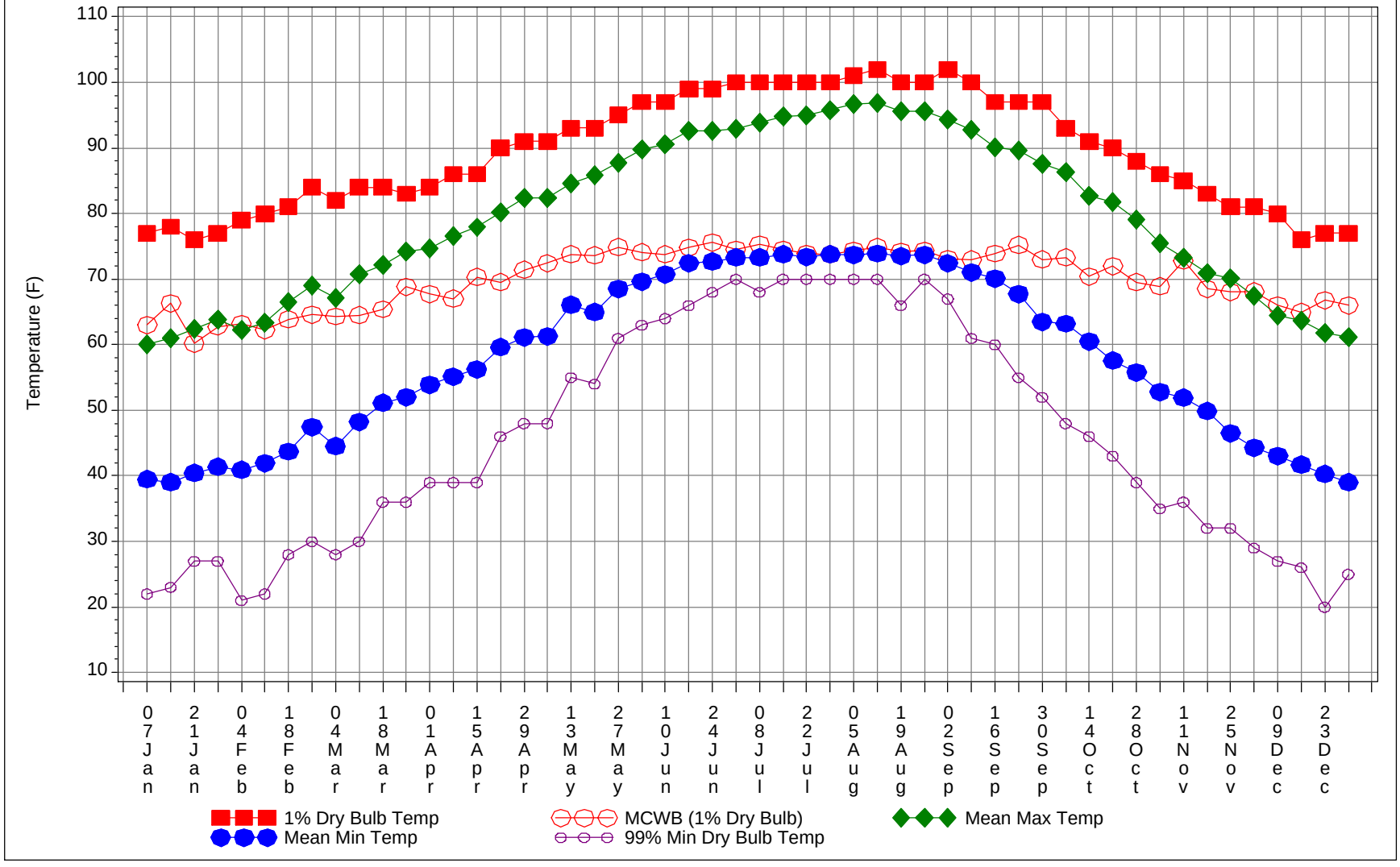
Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary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

Dry-Bulb Temperature Hours For An Average Year

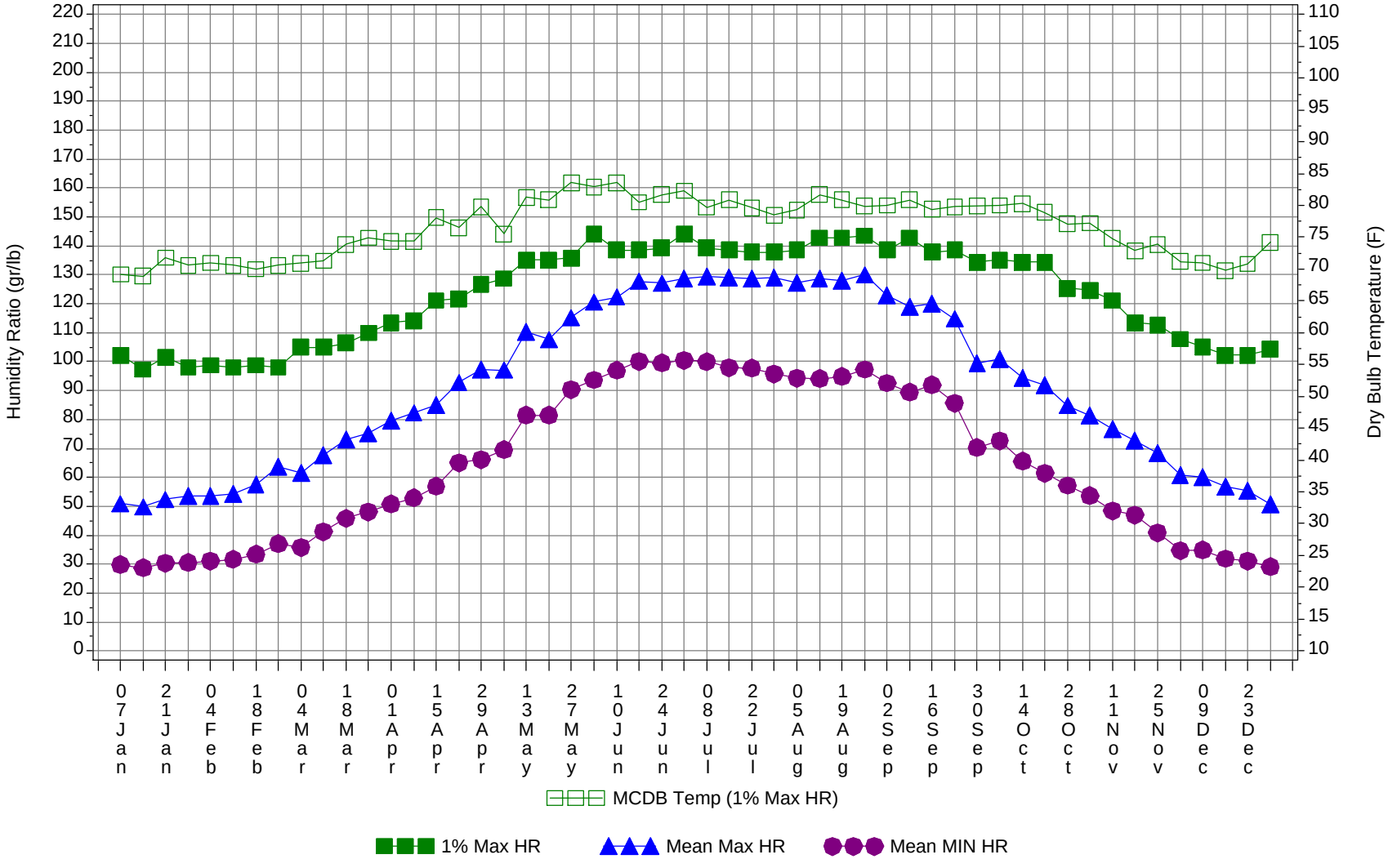
	Annual				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
110/114		0		0	76
105/109		2	1	3	74
100/104		29	13	42	74.2
95/ 99		151	72	223	74.8
90/ 94		351	161	512	74.6
85/ 89	1	302	183	486	73.7
80/ 84	101	423	388	912	72.2
75/ 79	542	340	408	1290	70.9
70/ 74	547	335	406	1288	66.6
65/ 69	278	196	237	711	61.6
60/ 64	301	229	273	803	56.8
55/ 59	241	172	210	623	51.6
50/ 54	243	149	199	591	47.4
45/ 49	231	117	161	509	42.8
40/ 44	137	57	85	279	38.6
35/ 39	152	43	76	271	34.6
30/ 34	87	17	34	138	29.8
25/ 29	46	6	11	63	25.1
20/ 24	9	2	2	13	20.2
15/ 19	4	0	1	5	16
10/ 14	0	0	0	0	10.6
5/ 9	0	0		0	4.5

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



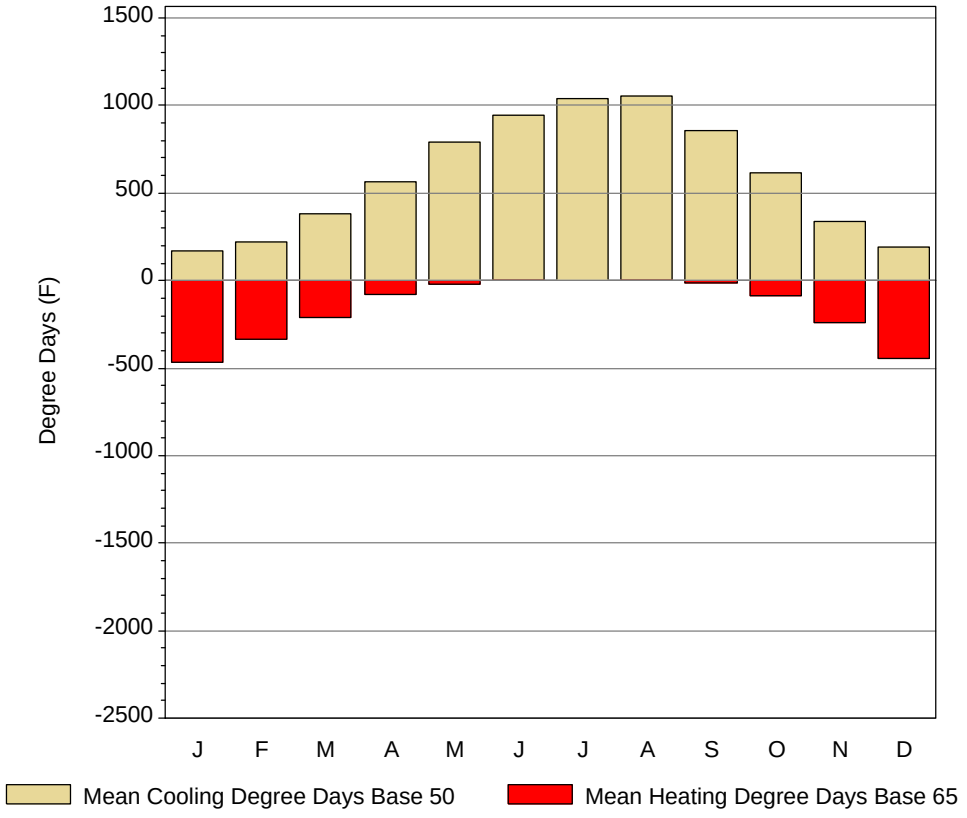
Long Term Humidity and Dry Bulb Temperature Summary



Long Term Humidity and Dry Bulb Temperature Summary

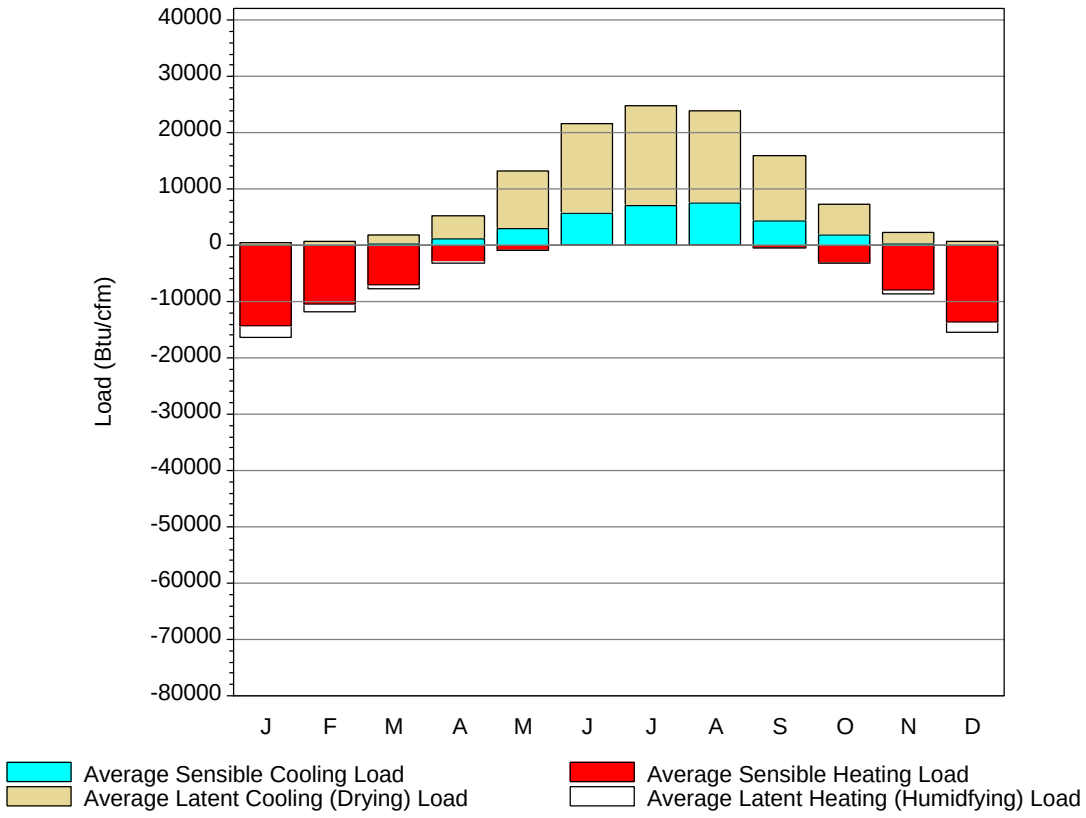
Week Ending	1.0% Temp (°F)	MCWB@ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB@ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	77	63	60	39.5	22	102.2	69.2	50.9	29.8
14-Jan	78	66.3	61	39	23	97.3	68.9	49.8	28.8
21-Jan	76	60.2	62.4	40.4	27	101.5	71.8	52.3	30.3
28-Jan	77	62.8	63.8	41.4	27	98	70.6	53.6	30.5
4-Feb	79	63.2	62.3	40.9	21	98.7	71	53.6	31.1
11-Feb	80	62.2	63.4	41.9	22	98	70.6	54.4	31.7
18-Feb	81	63.9	66.5	43.7	28	98.7	70	57.5	33.4
25-Feb	84	64.6	69	47.4	30	98	70.6	63.8	37.1
4-Mar	82	64.3	67.2	44.5	28	105	70.9	61.6	35.8
11-Mar	84	64.5	70.8	48.2	30	105	71.3	67.7	41.2
18-Mar	84	65.4	72.2	51.1	36	106.4	73.9	73.2	45.8
25-Mar	83	68.8	74.2	52	36	109.9	74.9	75.1	48
1-Apr	84	67.7	74.7	53.9	39	113.4	74.4	79.7	50.8
8-Apr	86	67	76.6	55.1	39	114.1	74.4	82.3	53
15-Apr	86	70.3	77.9	56.2	39	121.1	78.1	84.9	56.9
22-Apr	90	69.5	80.2	59.6	46	121.8	76.5	92.8	65
29-Apr	91	71.4	82.4	61.1	48	126.7	79.8	97.3	66.2
6-May	91	72.4	82.4	61.3	48	128.8	75.5	97.1	69.5
13-May	93	73.8	84.6	66.1	55	135.1	81.3	110.4	81.5
20-May	93	73.6	85.8	65	54	135.1	80.9	107.6	81.5
27-May	95	74.9	87.8	68.5	61	135.8	83.6	115.2	90.4
4-Jun	97	74.1	89.8	69.6	63	144.2	82.9	120.6	93.7
10-Jun	97	73.8	90.6	70.7	64	138.6	83.6	122.4	97.1
17-Jun	99	74.8	92.6	72.4	66	138.6	80.5	127.8	100.1
24-Jun	99	75.6	92.6	72.7	68	139.3	81.7	127.1	99.5
1-Jul	100	74.5	92.9	73.3	70	144.2	82.3	128.7	100.5
8-Jul	100	75.3	93.8	73.3	68	139.3	79.7	129.4	100
15-Jul	100	74.5	94.8	73.8	70	138.6	80.9	129	98
22-Jul	100	73.9	94.9	73.4	70	137.9	79.6	128.7	97.7
29-Jul	100	73.8	95.8	73.8	70	137.9	78.5	129.1	95.7
5-Aug	101	74.3	96.7	73.7	70	138.6	79.3	127.4	94.3
12-Aug	102	74.9	96.9	73.9	70	142.8	81.7	128.7	94.1
19-Aug	100	74.2	95.6	73.5	66	142.8	80.9	128.1	94.9
26-Aug	100	74.3	95.6	73.7	70	143.5	79.9	130	97.3
2-Sep	102	73.1	94.3	72.4	67	138.6	80	122.9	92.6
9-Sep	100	73	92.8	71	61	142.8	80.9	119.1	89.4
16-Sep	97	73.9	90.1	70.1	60	137.9	79.4	120.1	92
23-Sep	97	75.2	89.6	67.7	55	138.6	79.8	114.8	85.7
30-Sep	97	73	87.5	63.5	52	134.4	79.9	99.4	70.3
7-Oct	93	73.3	86.3	63.2	48	135.1	80	100.8	72.6
14-Oct	91	70.4	82.7	60.5	46	134.4	80.3	94.3	65.6
21-Oct	90	72	81.7	57.6	43	134.4	78.9	91.8	61.5
28-Oct	88	69.5	79.1	55.8	39	125.3	77.1	84.8	57.2
4-Nov	86	68.9	75.5	52.8	35	124.6	77.2	81.4	53.7
11-Nov	85	72.8	73.3	51.9	36	121.1	74.8	76.7	48.5
18-Nov	83	68.5	70.9	49.9	32	113.4	72.9	72.8	46.9
25-Nov	81	68	70.1	46.5	32	112.7	73.9	68.5	40.8
2-Dec	81	68.1	67.5	44.3	29	107.8	71.2	60.9	34.7
9-Dec	80	66	64.5	43	27	105	71	60	34.9
16-Dec	76	65	63.6	41.7	26	102.2	69.8	56.9	31.9
23-Dec	77	66.8	61.8	40.3	20	102.2	70.8	55.5	31.1
31-Dec	77	66	61.1	39	25	104.3	74.2	50.8	29.1

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	170.6	24.8	467.5
FEB	221.8	40.2	335.8
MAR	382.6	88.3	212.3
APR	561.9	185.1	80.1
MAY	788.1	340.8	18.3
JUN	945.3	495.7	0.4
JUL	1040.3	575.3	0
AUG	1053.7	588.8	0.1
SEP	855	416.4	11.5
OCT	617.1	228.3	83.7
NOV	339.7	81	241.7
DEC	189	29.7	442.3
ANN	7165.1	3094.4	1893.7

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	44	-14229	424	-2046
FEB	133	-10479	554	-1306
MAR	357	-7065	1556	-722
APR	1132	-2990	4186	-129
MAY	2986	-842	10321	-7
JUN	5662	-49	16008	0
JUL	7136	-6	17548	0
AUG	7518	-13	16315	0
SEP	4438	-529	11463	-5
OCT	1764	-3063	5574	-116
NOV	319	-7853	1953	-784
DEC	52	-13524	706	-1840
ANN	31541	-60642	86608	-6955

Station Information		Shading Geometry in Dimensionless Units	
City, State, WBAN	AUSTIN, TX 13958	Window:	1.000
Lat, Lon, Elev	30.30N 97.70W 620ft	Overhang:	0.889
Press, Stn_Type	14.4psia Secondary	Vert Gap:	0.650

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

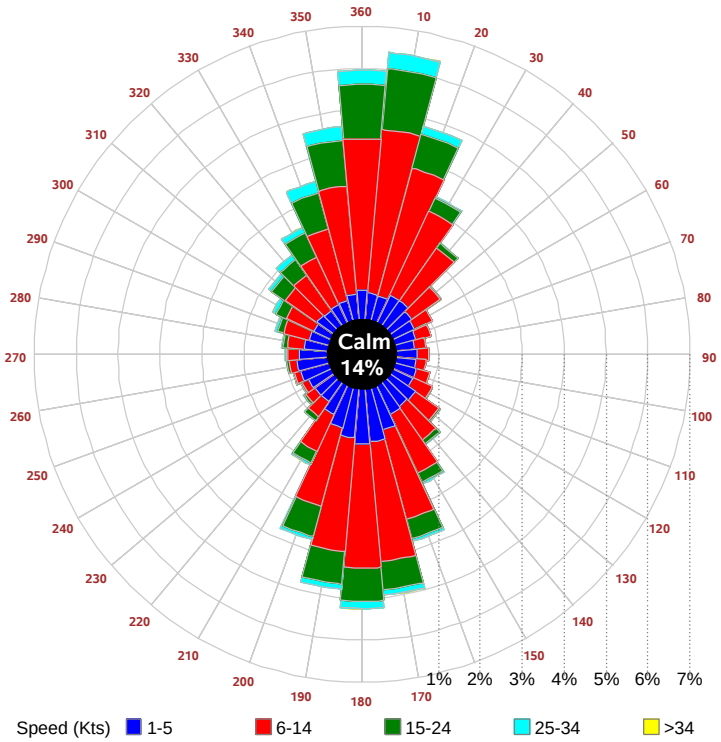
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ.	Global	940	1200	1500	1720	1870	2090	2150	2010	1660	1380	1050	880	1540
	Std.Dev.	77	97	116	161	149	130	137	111	118	109	103	68	32
	Minimum	800	980	1240	1480	1450	1810	1770	1740	1410	1110	800	770	1500
	Maximum	1110	1400	1740	2100	2110	2310	2380	2230	1930	1550	1250	1080	1610
	Diffuse	410	490	630	740	830	810	750	700	640	500	420	380	610
Clear Day	Global	1320	1630	2030	2380	2560	2620	2570	2400	2100	1720	1370	1210	1990
NORTH	Global	270	320	400	460	560	640	610	500	410	340	280	250	420
	Diffuse	270	320	400	450	500	520	510	460	410	340	280	250	390
Clear Day	Global	240	290	360	440	590	710	650	490	370	310	250	230	410
EAST	Global	570	690	810	870	900	1010	1100	1070	910	780	620	540	820
	Diffuse	320	380	470	540	580	610	610	580	510	420	340	300	470
Clear Day	Global	880	1050	1220	1340	1390	1390	1370	1340	1230	1070	900	820	1170
SOUTH	Global	1200	1210	1080	850	660	590	640	820	1040	1260	1260	1200	980
	Diffuse	420	460	520	530	520	510	510	530	540	500	440	400	490
Clear Day	Global	2050	1930	1600	1090	740	610	660	930	1360	1770	1980	2040	1390
WEST	Global	610	760	920	1000	1060	1170	1160	1100	970	870	680	580	910
	Diffuse	330	390	490	560	610	630	620	590	520	430	350	300	480
Clear Day	Global	880	1050	1220	1340	1390	1390	1370	1340	1230	1070	900	820	1170

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	650	840	1070	1250	1360	1530	1580	1470	1210	990	730	600	1110
NORTH	Unshaded	180	220	270	320	360	400	390	330	280	240	200	170	280
	Shaded	160	190	240	280	310	350	340	300	250	210	170	150	250
EAST	Unshaded	390	480	570	610	640	710	780	760	640	550	430	370	580
	Shaded	340	410	480	500	510	570	620	620	530	460	370	320	480
SOUTH	Unshaded	880	860	720	520	400	370	380	480	660	880	920	900	660
	Shaded	830	700	410	320	320	320	320	330	340	620	840	860	520
WEST	Unshaded	430	530	650	720	760	830	830	780	690	620	480	400	640
	Shaded	370	460	540	590	620	680	680	650	580	530	410	350	540

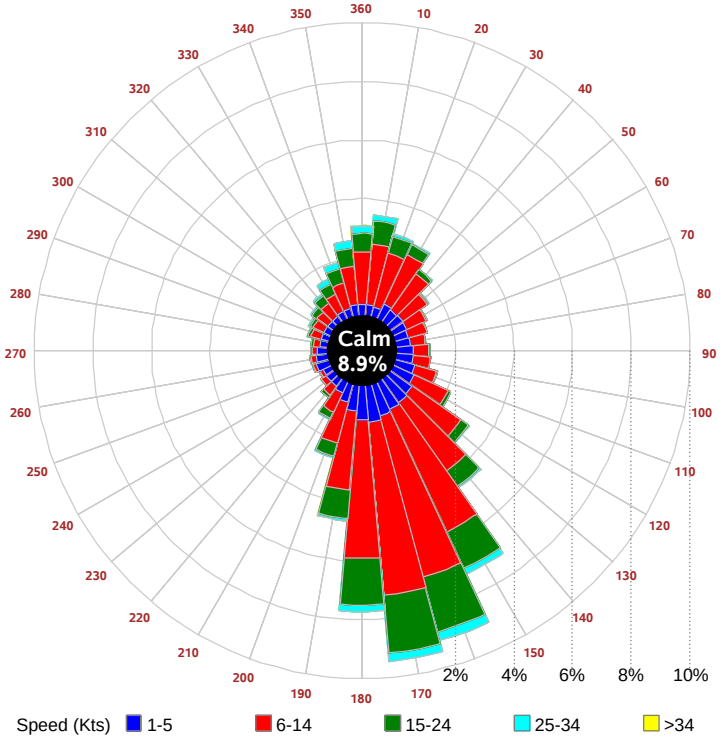
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS Percentage Uncertainty = 9											
				March					June		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	35	77	95	82	43	34	77	102	102	76
	M.Cloudy	19	46	59	52	28	21	56	78	80	59
NORTH	M.Clear	9	14	16	15	10	24	18	17	17	17
	M.Cloudy	8	17	19	17	11	13	18	19	19	18
EAST	M.Clear	76	69	21	15	10	65	77	43	17	17
	M.Cloudy	20	34	21	17	11	26	51	36	19	17
SOUTH	M.Clear	29	61	74	64	35	10	17	29	29	17
	M.Cloudy	12	31	42	37	19	9	17	27	27	17
WEST	M.Clear	9	14	16	63	79	10	17	17	42	75
	M.Cloudy	8	17	19	36	35	9	17	19	36	55
M.Clear	(% hrs)	32	35	39	42	43	26	37	41	45	54

				Sept					Dec		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	20	66	92	91	62	18	53	66	51	15
	M.Cloudy	12	44	68	67	44	10	30	38	30	10
NORTH	M.Clear	7	14	17	17	14	6	11	13	11	5
	M.Cloudy	6	15	19	19	15	5	12	14	12	4
EAST	M.Clear	55	77	42	17	14	52	54	13	11	5
	M.Cloudy	17	42	34	19	15	11	23	14	12	4
SOUTH	M.Clear	12	43	63	62	41	39	82	94	80	35
	M.Cloudy	7	28	45	45	28	10	30	38	32	11
WEST	M.Clear	7	14	17	45	76	6	11	14	55	47
	M.Cloudy	6	15	19	35	46	5	12	15	25	14
M.Clear	(% hrs)	38	40	43	44	49	34	37	39	40	41

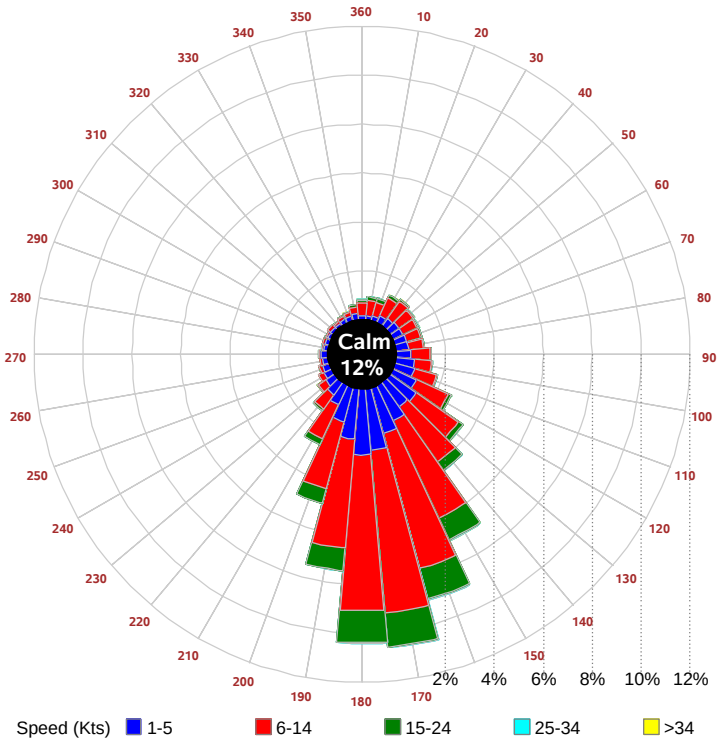
Wind Summary - December, January, and February



Wind Summary - March, April, and May



Wind Summary - June, July, and August



Wind Summary - September, October, and November