

LITTLE ROCK AFB, ARLatitude = 34.92 N
Longitude = 92.15 WStation ID = ICAO_KLRF
Elevation = 311 FeetPeriod of Record = 1989 To 2018
Average Pressure = 29.71 inches Hg**Design Criteria Data**

Dry Bulb Temperature (T)	Mean Coincident (Average) Values				
	Design Value (°F)	Wet Bulb Temperature (°F)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Median of Extreme Highs	101	77	107	7.8	VRB
0.4% Occurrence	99	78	109	7.8	VRB
1.0% Occurrence	96	78	116	7.4	VRB
2.0% Occurrence	93	77	117	7.5	S
Mean Daily Range	21	-	-	-	VRB
97.5% Occurrence	27	25	16	4	VRB
99.0% Occurrence	22	20	12	4.1	N
99.6% Occurrence	18	17	10	3.7	VRB
Median of Extreme Lows	12	11	7	4.5	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	83	92	153	6.2	VRB
0.4% Occurrence	81	91	143	6.2	VRB
1.0% Occurrence	80	90	137	6.2	VRB
2.0% Occurrence	79	89	133	6.1	VRB

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	163	87	1.07	5.1	VRB
0.4% Occurrence	152	85	1	4.9	VRB
1.0% Occurrence	143	84	0.94	5	VRB
2.0% Occurrence	141	84	0.94	4.6	VRB

Air Conditioning/ Humid Area Criteria	Threshold	T ≥ 93°F	T ≥ 80°F	Twb ≥ 73°F	Twb ≥ 67°F
	# of Hours	227	1508	1604	2902

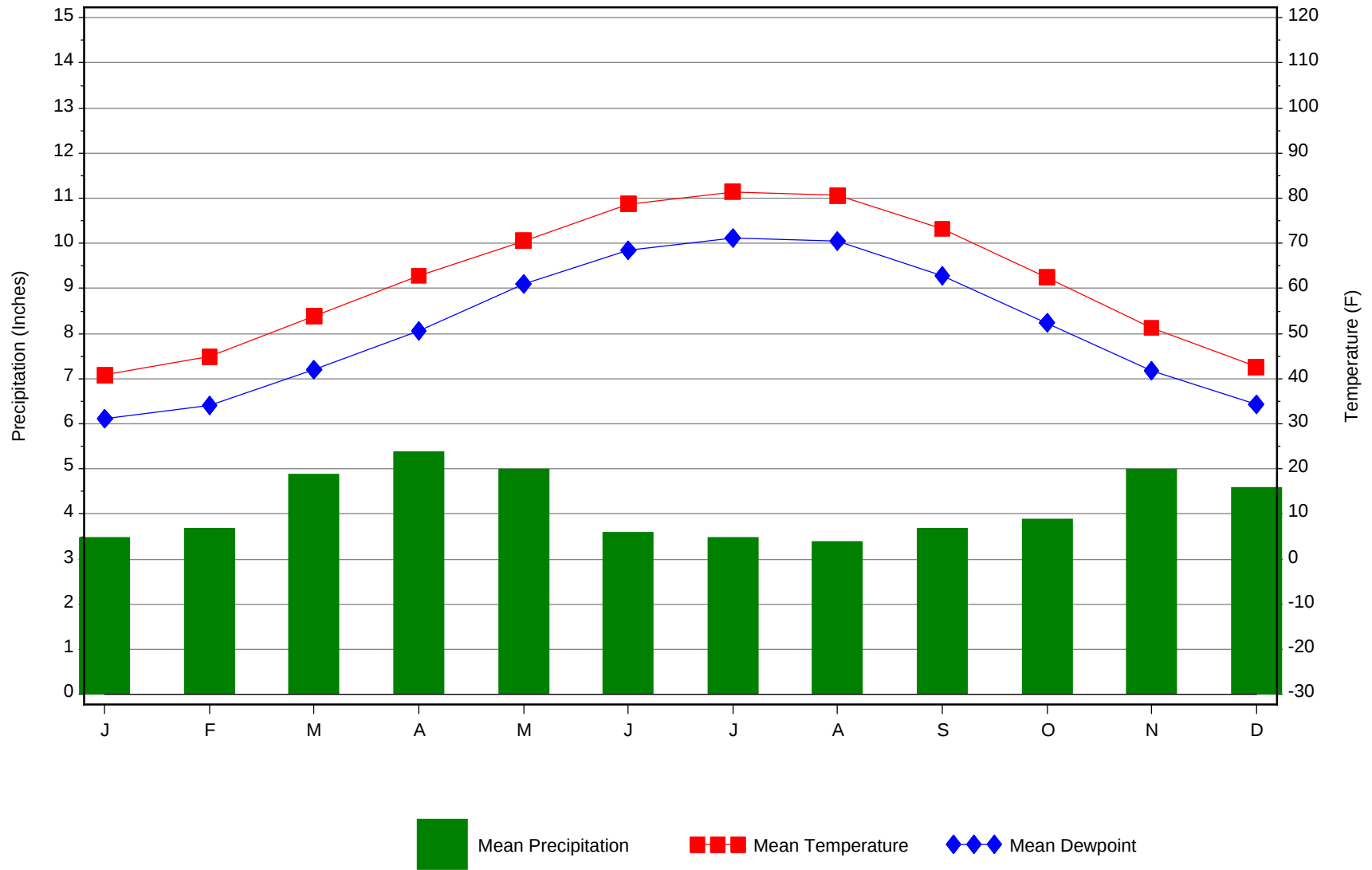
Other Site Data

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	3.8	90	6.6 + 1.6
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 (#)
64.6	14	10	39

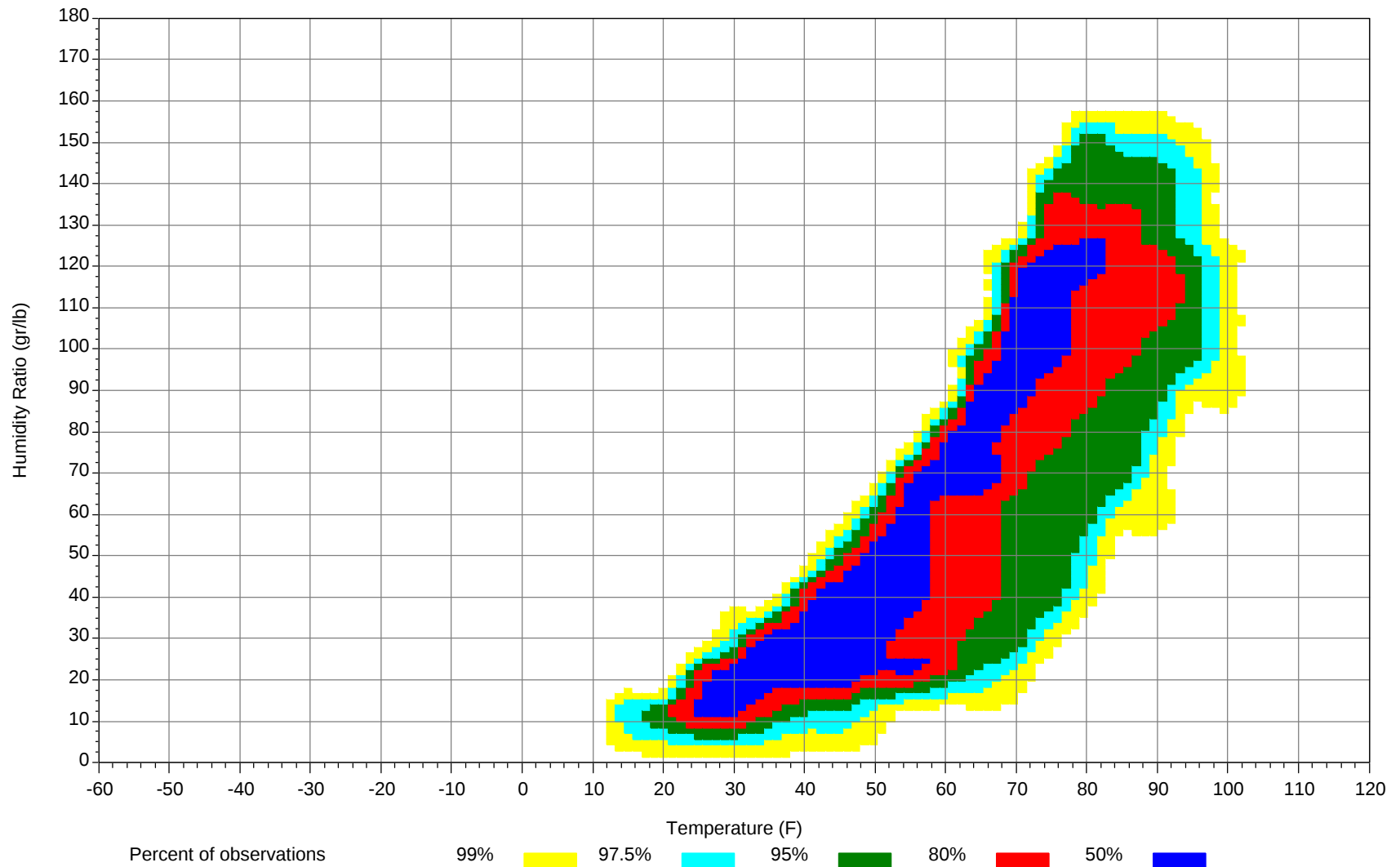
*Note: Temperatures at greater depths can be estimated by adding 1.5 °F per 100 feet additional depth.



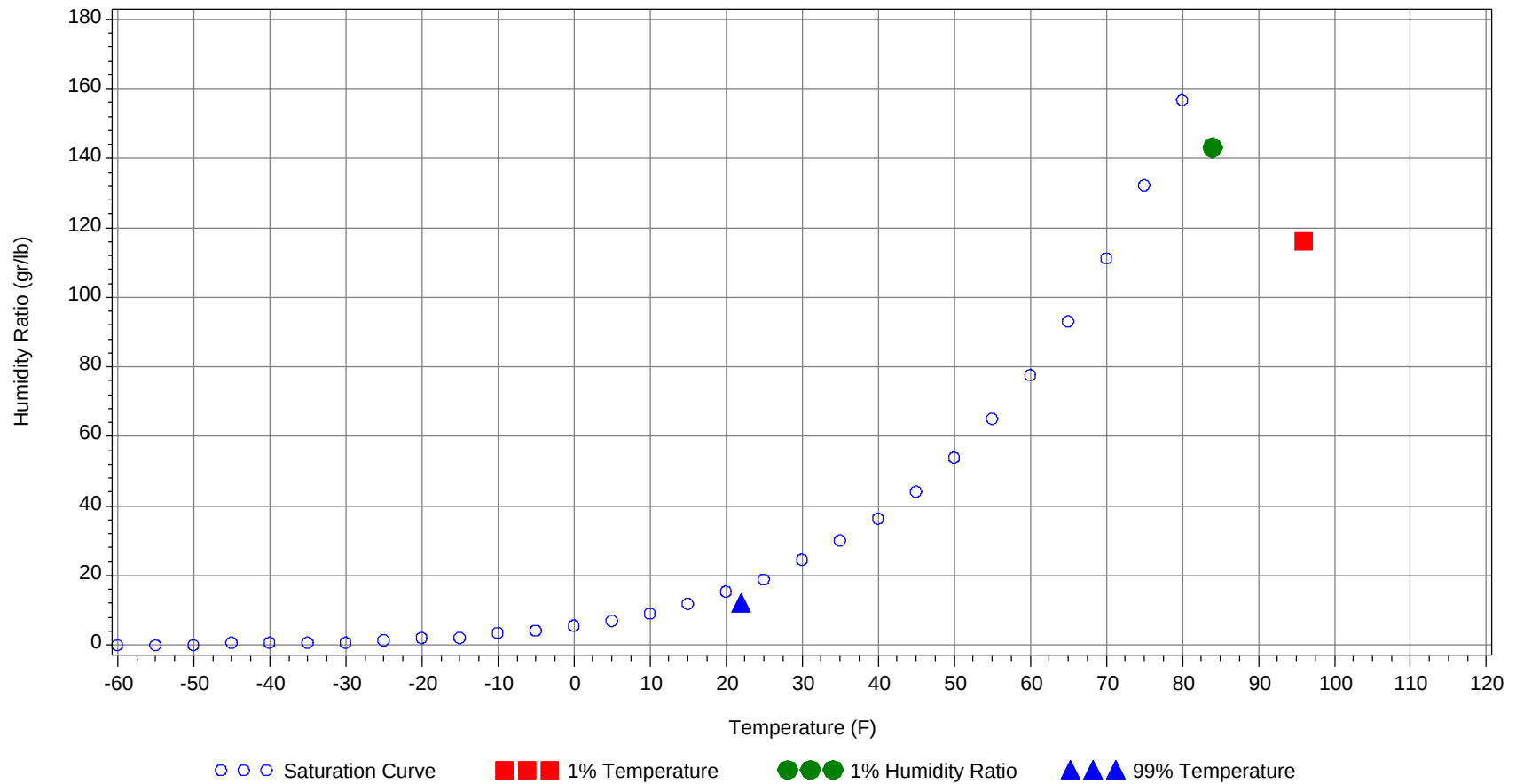
Average Annual Climate



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	96.0		78		116.0	41.4
99.0% Dry Bulb	22.0				12.0	7.1
1.0% Humidity Ratio	143.0	84.0	78.9	77.0		42.7

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	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)
110/114															
105/109															
100/104															
95/ 99															
90/ 94															
85/ 89												0	0	0	67.4
80/ 84		0		0	69		1	0	1	62.8		8	2	10	65.4
75/ 79		1	0	1	66.1		4	1	5	63.5	0	18	9	27	64
70/ 74	0	5	3	8	63.6	0	11	5	16	60.8	3	30	19	52	60.9
65/ 69	3	8	4	15	60.3	4	14	9	27	58.4	12	27	23	62	58.6
60/ 64	6	17	10	33	55.4	8	25	17	50	54.8	23	37	37	97	55.2
55/ 59	8	26	18	52	50.3	14	29	25	68	50.7	30	40	39	109	51
50/ 54	12	32	25	69	46.2	17	30	27	74	46.1	37	34	40	111	46.9
45/ 49	22	40	35	97	42.1	24	33	34	91	41.9	42	26	33	101	42.7
40/ 44	30	35	38	103	38.4	29	26	33	88	38.1	35	15	22	72	38.6
35/ 39	42	38	42	122	34	40	24	31	95	34.1	31	8	15	54	34.5
30/ 34	49	26	38	113	29.4	40	16	25	81	29.6	23	4	7	34	30.2
25/ 29	40	13	22	75	24.7	28	6	11	45	24.7	8	1	2	11	25.6
20/ 24	17	4	8	29	20.2	14	4	5	23	20.4	2	0	1	3	20.4
15/ 19	11	2	4	17	16.1	4	1	1	6	16.1	1	0	0	1	15.5
10/ 14	6	0	1	7	11.2	1	0	0	1	11.4	0			0	12.4
5/ 9	2			2	7	1	0		1	5.6					
0/ 4						0			0	2					

Caution: This summary reflects the typical distribution of temperature in a typical year. It does not reflect the typical moisture 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	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)
110/114															
105/109												0	0	0	73.2
100/104												1	0	1	76.5
95/ 99		0		0	73.7		1	0	1	74.2		14	4	18	77.3
90/ 94		1	0	1	71.4		9	3	12	73.6	0	58	19	77	76.1
85/ 89		7	2	9	69.4		33	10	43	72.8	2	62	30	94	74.9
80/ 84		27	11	38	67.4	2	59	32	93	71	20	56	52	128	73.6
75/ 79	2	43	26	71	64.9	20	56	46	122	68.9	60	31	61	152	72.3
70/ 74	18	47	39	104	62.9	49	46	57	152	66.6	89	13	52	154	69.4
65/ 69	28	36	36	100	59.9	61	24	42	127	63.5	42	3	17	62	65.2
60/ 64	43	35	42	120	56.9	49	14	31	94	59.3	21	1	4	26	61
55/ 59	42	22	34	98	52.1	35	4	19	58	54.4	5		0	5	56
50/ 54	41	12	27	80	48.1	21	1	7	29	50.2	0			0	51.8
45/ 49	32	6	13	51	43.5	8	1	2	11	45.5					
40/ 44	20	2	7	29	39.4	3	0	0	3	41.2					
35/ 39	11	0	2	13	35.7	0		0	0	37.3					
30/ 34	3	0	0	3	31.2										
25/ 29	0			0	27.2										
20/ 24															
15/ 19															
10/ 14															
5/ 9															
0/ 4															

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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	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)
110/114							0		0	78					
105/109		0	0	0	75.5		1		1	76.6		0		0	78
100/104		6	1	7	77.3		9	2	11	77.5		1		1	76.5
95/ 99		37	9	46	78.3		35	7	42	77.8		8	1	9	76
90/ 94	1	73	29	103	77.7	0	66	25	91	77.4		29	6	35	75.1
85/ 89	6	56	39	101	76.4	4	53	33	90	75.9	0	42	12	54	73
80/ 84	34	46	65	145	75.1	25	47	64	136	75	3	57	30	90	70.9
75/ 79	94	22	64	180	73.8	87	27	67	181	73.4	27	49	51	127	70.2
70/ 74	80	7	32	119	70.2	83	8	37	128	70.1	62	34	58	154	67.8
65/ 69	23	1	7	31	65.3	30	1	10	41	65.5	50	12	37	99	63.6
60/ 64	9		1	10	61.2	13		3	16	60.9	42	6	26	74	59.5
55/ 59	1			1	56.5	4		0	4	56	32	1	14	47	54.7
50/ 54						0			0	51.5	16		4	20	50.4
45/ 49											6		1	7	45.8
40/ 44											1		0	1	40.8
35/ 39															
30/ 34															
25/ 29															
20/ 24															
15/ 19															
10/ 14															
5/ 9															
0/ 4															

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Dry-Bulb Temperature Hours For An Average Year

Temperature Range (°F)	October					November					December				
	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)
110/114															
105/109															
100/104															
95/ 99		0		0	64										
90/ 94		4	0	4	70.5										
85/ 89		15	2	17	70.4										
80/ 84		34	8	42	68.2		4	0	4	68.4					
75/ 79	2	42	18	62	66	0	12	2	14	64.6		1	0	1	66.1
70/ 74	17	42	35	94	64.4	4	24	10	38	63.3	0	6	1	7	64.1
65/ 69	26	37	35	98	61.2	10	26	15	51	60.3	3	10	5	18	61.3
60/ 64	38	35	43	116	57.6	16	37	28	81	56.2	8	21	12	41	56.8
55/ 59	48	23	45	116	53.5	24	44	34	102	51.6	13	30	19	62	52
50/ 54	44	12	30	86	49.1	32	39	43	114	47.3	18	41	30	89	47.2
45/ 49	36	4	21	61	44.7	38	26	38	102	43.2	24	42	39	105	42.7
40/ 44	19	0	8	27	40.3	32	16	28	76	38.8	31	34	37	102	38.5
35/ 39	14	0	3	17	36.1	34	8	24	66	34.8	39	32	43	114	34.3
30/ 34	4		0	4	31.7	28	3	13	44	30.2	51	20	35	106	30
25/ 29	1		0	1	26.8	15	1	4	20	26	36	7	16	59	25.4
20/ 24						5	0	0	5	21.3	12	3	7	22	20.5
15/ 19						1			1	17	8	1	2	11	16.3
10/ 14											2	0	0	2	10.8
5/ 9											1	0	0	1	5.1
0/ 4											0			0	1.5

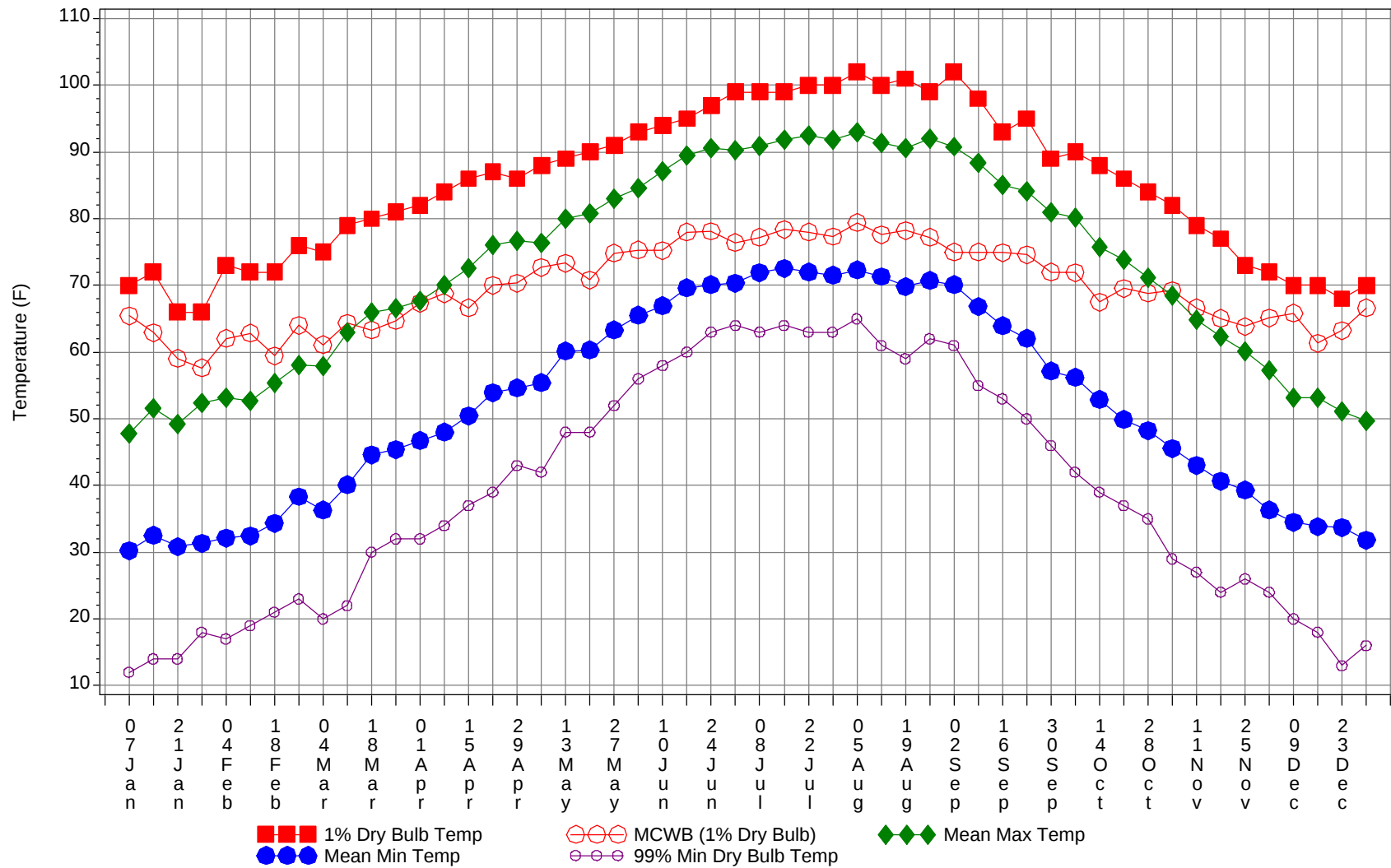
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Dry-Bulb Temperature Hours For An Average Year

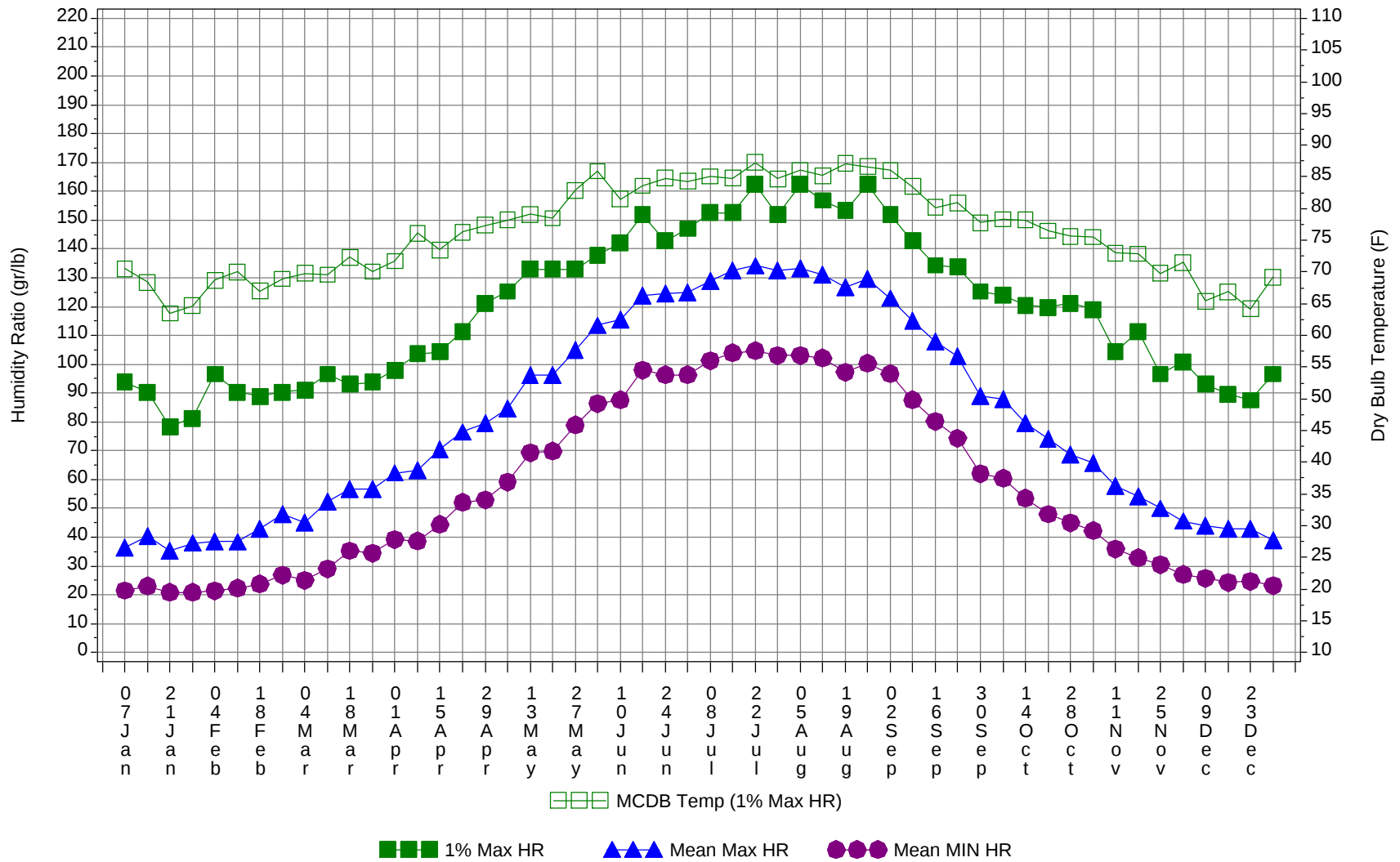
	Annual				
Temperature Range (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)
110/114		0		0	78
105/109		2	0	2	76.1
100/104		18	3	21	77.3
95/ 99		96	21	117	77.7
90/ 94	1	241	82	324	76.7
85/ 89	13	269	129	411	74.7
80/ 84	86	339	264	689	72.7
75/ 79	294	307	346	947	70.7
70/ 74	408	273	349	1030	66.9
65/ 69	295	200	241	736	62.1
60/ 64	277	229	254	760	57.3
55/ 59	257	218	248	723	52.2
50/ 54	237	201	231	669	47.5
45/ 49	230	177	216	623	42.9
40/ 44	199	128	173	500	38.6
35/ 39	211	110	160	481	34.4
30/ 34	196	69	117	382	29.8
25/ 29	128	28	55	211	25.1
20/ 24	50	12	21	83	20.4
15/ 19	25	4	7	36	16.2
10/ 14	10	1	2	13	11.1
5/ 9	3	0	0	3	6.1
0/ 4	0			0	1.6

Caution: This summary reflects the typical distribution of temperature in a typical year. It does not reflect the typical moisture 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



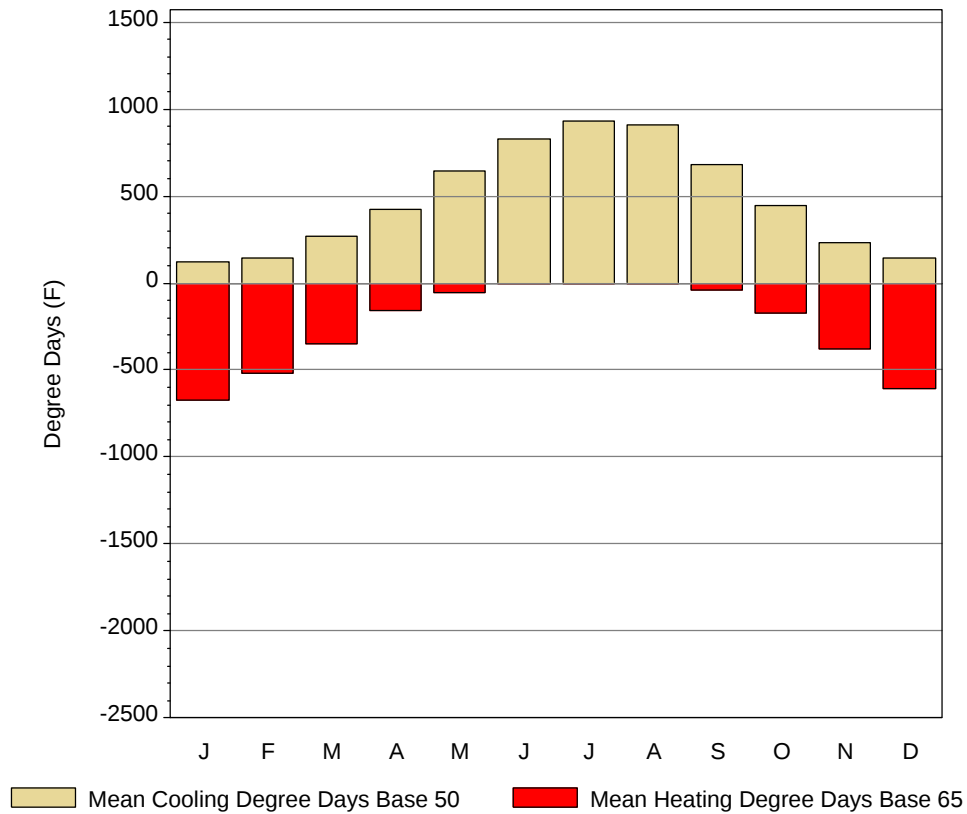
Long Term Humidity and Dry Bulb Temperature Summary



Long Term Humidity and Dry Bulb Temperature Summary

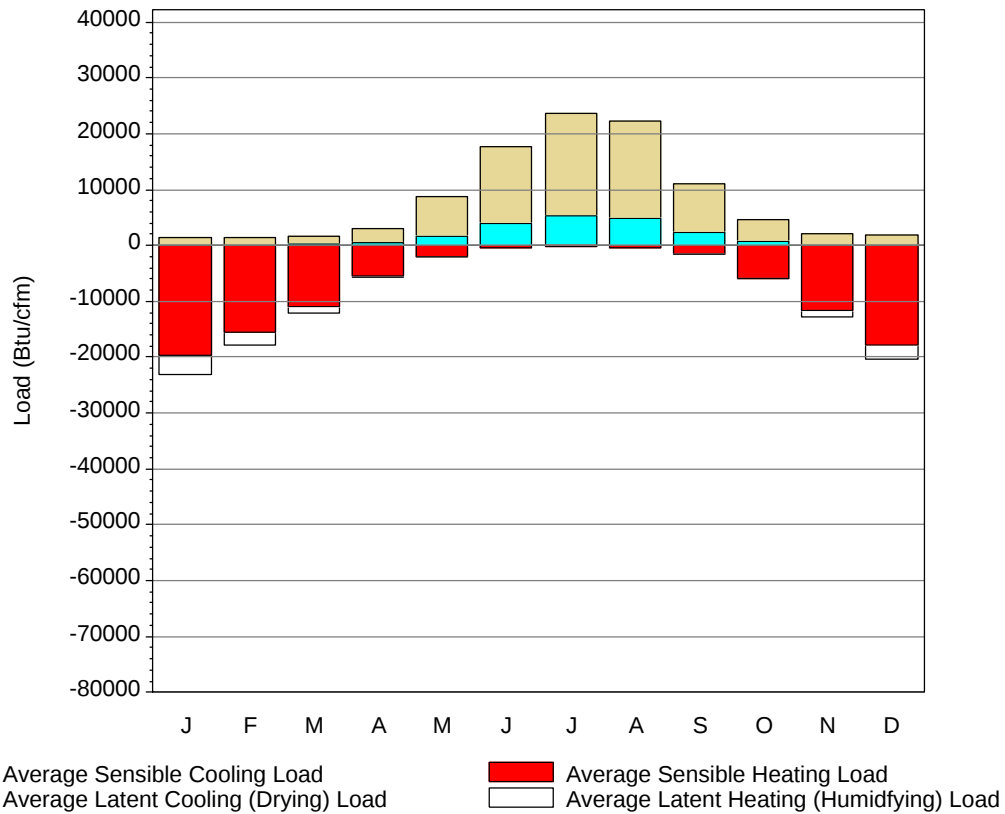
Week Ending	1.0% Temp (°F)	MCWB@ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB@ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	70	65.4	47.8	30.2	12	93.8	70.5	36.5	21.5
14-Jan	72	62.9	51.6	32.5	14	90.3	68.4	40.5	23
21-Jan	66	59	49.2	30.8	14	78.4	63.5	35.4	20.8
28-Jan	66	57.6	52.3	31.3	18	81.2	64.7	38	20.9
4-Feb	73	62	53.2	32.1	17	96.6	68.7	38.5	21.4
11-Feb	72	62.8	52.6	32.4	19	90.3	70	38.4	22.3
18-Feb	72	59.4	55.3	34.3	21	88.9	67	43	23.7
25-Feb	76	64	58.1	38.3	23	90.3	68.9	48.1	26.8
4-Mar	75	61.1	57.8	36.3	20	91	69.8	45.1	25.1
11-Mar	79	64.3	63	40.1	22	96.6	69.6	52.3	29
18-Mar	80	63.3	66	44.6	30	93.1	72.3	56.7	35.3
25-Mar	81	64.7	66.5	45.4	32	93.8	70.1	56.7	34.4
1-Apr	82	67.3	67.6	46.7	32	98	71.7	62.3	39.2
8-Apr	84	68.7	70	48	34	103.6	76.1	63.1	38.7
15-Apr	86	66.6	72.6	50.4	37	104.3	73.5	70.5	44.5
22-Apr	87	70	76	53.9	39	111.3	76.3	76.5	52
29-Apr	86	70.3	76.6	54.6	43	121.1	77.4	79.7	52.9
6-May	88	72.7	76.3	55.4	42	125.3	78.2	84.5	59.1
13-May	89	73.3	80	60.1	48	133	79.1	96.2	69.3
20-May	90	70.8	80.7	60.3	48	133	78.5	96.2	69.8
27-May	91	74.8	83	63.3	52	133	82.9	104.9	79
4-Jun	93	75.3	84.5	65.5	56	137.9	85.9	113.5	86.3
10-Jun	94	75.2	87.1	66.9	58	142.1	81.5	115.5	87.6
17-Jun	95	78	89.4	69.6	60	151.9	83.6	123.8	97.9
24-Jun	97	78.1	90.5	70.1	63	142.8	84.8	124.5	96.4
1-Jul	99	76.4	90.2	70.3	64	147	84.3	124.9	96.4
8-Jul	99	77.2	90.9	71.9	63	152.6	85.1	129	101.3
15-Jul	99	78.4	91.8	72.5	64	152.6	84.8	132.4	104
22-Jul	100	78	92.4	72	63	162.4	87.3	134.2	104.7
29-Jul	100	77.3	91.8	71.5	63	151.9	84.7	132.5	103.1
5-Aug	102	79.4	92.9	72.3	65	162.4	86	133.2	103.1
12-Aug	100	77.6	91.4	71.3	61	156.8	85.2	131	102.2
19-Aug	101	78.2	90.6	69.8	59	153.3	87.1	126.8	97.2
26-Aug	99	77.2	92	70.7	62	162.4	86.6	129.6	100.4
2-Sep	102	75	90.8	70.1	61	151.9	86	122.9	96.7
9-Sep	98	75	88.3	66.8	55	142.8	83.5	115.1	87.7
16-Sep	93	74.9	85.1	63.9	53	134.4	80.2	107.8	80.2
23-Sep	95	74.6	84.1	62	50	133.7	80.9	102.9	74.3
30-Sep	89	72	80.9	57.1	46	125.3	77.8	88.9	62.1
7-Oct	90	71.9	80.1	56.2	42	123.9	78.3	87.8	60.4
14-Oct	88	67.5	75.7	52.9	39	120.4	78.2	79.6	53.6
21-Oct	86	69.5	73.8	49.9	37	119.7	76.5	74	48
28-Oct	84	68.8	71.2	48.2	35	121.1	75.6	68.7	45
4-Nov	82	69.2	68.5	45.5	29	119	75.5	65.9	42.3
11-Nov	79	66.6	64.8	43	27	104.3	73	57.8	35.9
18-Nov	77	65	62.3	40.6	24	111.3	72.9	54.3	32.8
25-Nov	73	63.8	60.1	39.3	26	96.6	69.8	50	30.5
2-Dec	72	65.1	57.2	36.3	24	100.8	71.5	45.6	27
9-Dec	70	65.8	53.2	34.5	20	93.1	65.4	44.1	25.7
16-Dec	70	61.3	53.1	33.8	18	89.6	66.9	42.8	24.3
23-Dec	68	63.2	51.1	33.7	13	87.5	64.2	42.9	24.7
31-Dec	70	66.6	49.6	31.8	16	96.6	69.2	38.9	23.2

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	118.1	23.4	675.6
FEB	141.9	27.1	521.6
MAR	266.5	54.2	348.6
APR	426.6	112.4	158.4
MAY	640.3	225.3	52.4
JUN	830.4	387.5	7.1
JUL	933.2	472	3.8
AUG	906.1	447.2	6.1
SEP	680.5	268.2	38.4
OCT	442.8	124.4	171.8
NOV	229.7	43.6	375.8
DEC	142.6	29.8	607.3
ANN	5758.7	2215.1	2966.9

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	41	-19667	1429	-3339
FEB	62	-15425	1379	-2485
MAR	168	-10891	1550	-1194
APR	523	-5444	2406	-285
MAY	1567	-2127	7108	-6
JUN	3948	-424	13686	0
JUL	5288	-237	18344	0
AUG	4913	-346	17304	0
SEP	2289	-1616	8845	-8
OCT	735	-5848	3792	-173
NOV	130	-11617	1934	-1152
DEC	40	-17838	1918	-2538
ANN	19704	-91480	79695	-11180

Station Information		Shading Geometry in Dimensionless Units	
City, State, WBAN	LITTLE ROCK, AR 13963	Window:	1.000
Lat, Lon, Elev	34.73N 92.23W 266ft	Overhang:	0.386
Press, Stn_Type	14.6psia Secondary	Vert Gap:	0.283

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	1040	1370	1690	1920	2070	2040	1880	1520	1240	860	710	1430
	Std.Dev.	61	74	116	127	122	112	129	114	107	111	76	64	42
	Minimum	670	910	1170	1420	1700	1820	1790	1670	1300	990	700	600	1360
	Maximum	940	1190	1640	1970	2200	2300	2330	2080	1740	1450	980	830	1520
	Diffuse	360	450	580	710	820	850	830	750	650	470	380	330	600
Clear Day	Global	1110	1450	1880	2300	2540	2610	2530	2320	1960	1530	1150	1000	1870
NORTH	Global	230	290	370	450	560	640	600	500	400	320	250	210	400
	Diffuse	230	290	370	440	510	530	520	470	400	320	250	210	380
Clear Day	Global	220	270	340	430	590	690	630	480	380	300	230	200	400
EAST	Global	510	640	790	950	1030	1110	1130	1060	870	760	540	460	820
	Diffuse	280	350	450	540	610	640	630	580	500	390	300	250	460
Clear Day	Global	780	970	1170	1340	1410	1410	1380	1300	1180	980	790	710	1120
SOUTH	Global	1130	1170	1100	930	770	690	730	900	1060	1260	1130	1060	990
	Diffuse	380	440	500	540	550	550	550	560	540	480	400	350	490
Clear Day	Global	1970	1940	1690	1250	900	750	810	1070	1470	1790	1890	1920	1450
WEST	Global	520	660	820	970	1070	1120	1080	1050	910	780	560	470	840
	Diffuse	280	360	450	550	620	650	640	600	510	400	300	260	470
Clear Day	Global	780	970	1170	1340	1410	1410	1380	1300	1180	980	790	710	1120

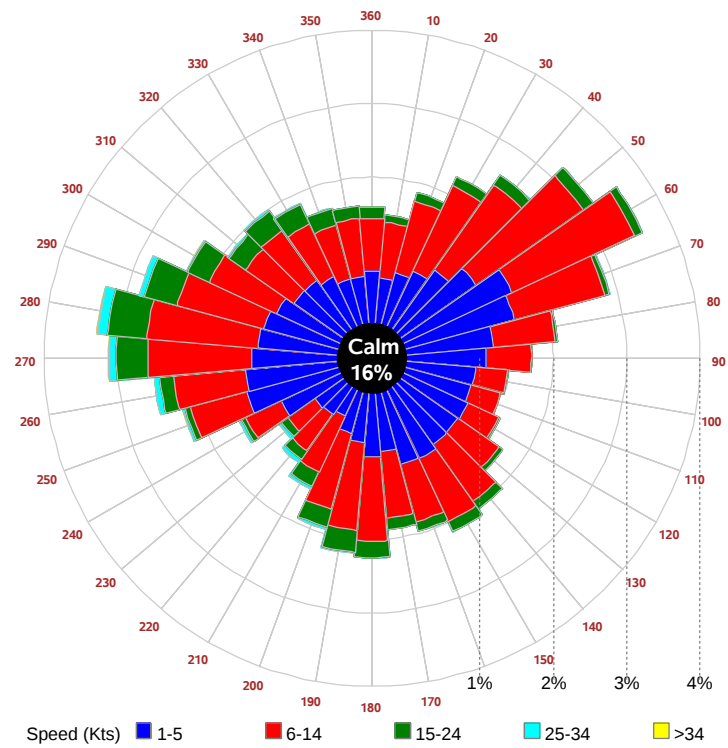
Average Annual Solar Radiation - Nearest Available Site Source: National Renewable Energy Laboratory, Golden CO, 1995

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	530	730	980	1220	1400	1510	1490	1370	1090	880	580	470	1020
NORTH	Unshaded	160	200	260	310	370	410	390	330	280	220	170	150	270
	Shaded	150	190	240	280	340	370	360	310	260	210	160	130	250
EAST	Unshaded	350	450	560	680	730	790	800	750	620	530	370	310	580
	Shaded	330	410	510	610	660	710	720	680	560	490	350	290	530
SOUTH	Unshaded	840	840	750	590	460	420	440	550	690	890	830	800	670
	Shaded	830	800	620	430	360	360	360	400	550	800	810	780	590
WEST	Unshaded	360	470	580	690	760	800	770	740	640	550	390	330	590
	Shaded	340	430	530	630	680	720	690	670	590	500	360	300	540

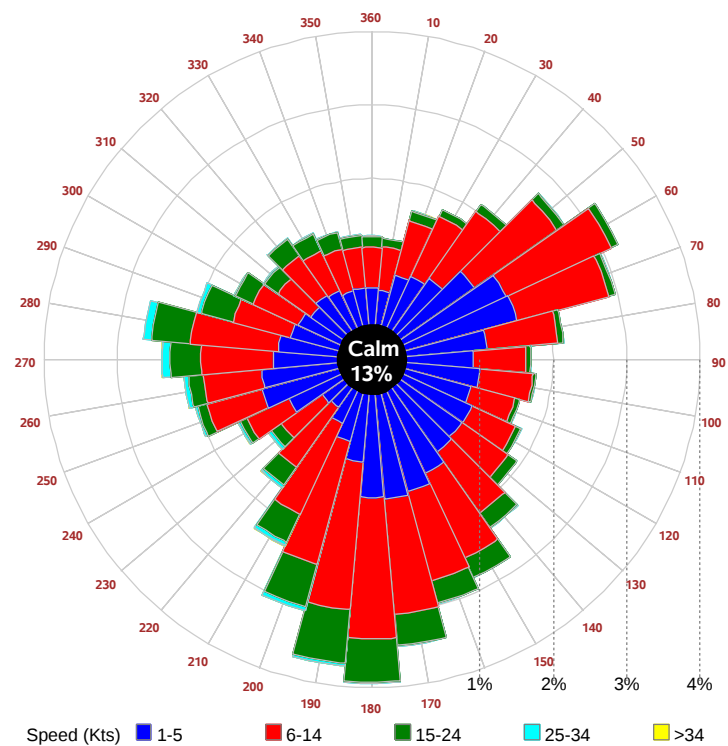
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS Percentage Uncertainty = 9												
				March						June		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm	
HORIZ.	M.Clear	41	77	89	72	32	44	84	103	98	69	
	M.Cloudy	22	47	56	44	20	29	60	78	76	53	
NORTH	M.Clear	10	14	15	14	9	22	17	17	18	16	
	M.Cloudy	9	16	18	15	8	15	18	19	19	17	
EAST	M.Clear	77	60	15	14	9	74	74	34	18	16	
	M.Cloudy	25	33	18	15	8	37	50	30	19	17	
SOUTH	M.Clear	37	69	78	64	29	12	25	38	35	17	
	M.Cloudy	16	36	43	34	14	11	22	33	31	17	
WEST	M.Clear	10	14	21	68	71	12	17	17	51	77	
	M.Cloudy	9	16	20	35	27	11	18	19	42	54	
M.Clear	(% hrs)	35	35	36	35	35	44	42	34	32	39	

				Sept						Dec		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm	
HORIZ.	M.Clear	27	69	89	82	51	19	49	56	38	5	
	M.Cloudy	16	43	61	60	36	10	27	32	21	4	
NORTH	M.Clear	9	15	17	17	13	6	11	12	9	3	
	M.Cloudy	7	15	18	18	13	5	11	12	9	2	
EAST	M.Clear	62	72	32	17	13	49	44	12	9	3	
	M.Cloudy	21	36	26	18	13	12	19	12	9	2	
SOUTH	M.Clear	18	52	69	64	37	42	83	91	69	13	
	M.Cloudy	10	29	44	43	24	11	29	34	23	4	
WEST	M.Clear	9	15	17	52	74	6	11	21	54	20	
	M.Cloudy	7	15	18	37	41	5	11	15	19	5	
M.Clear	(% hrs)	43	44	38	38	42	35	34	35	38	39	

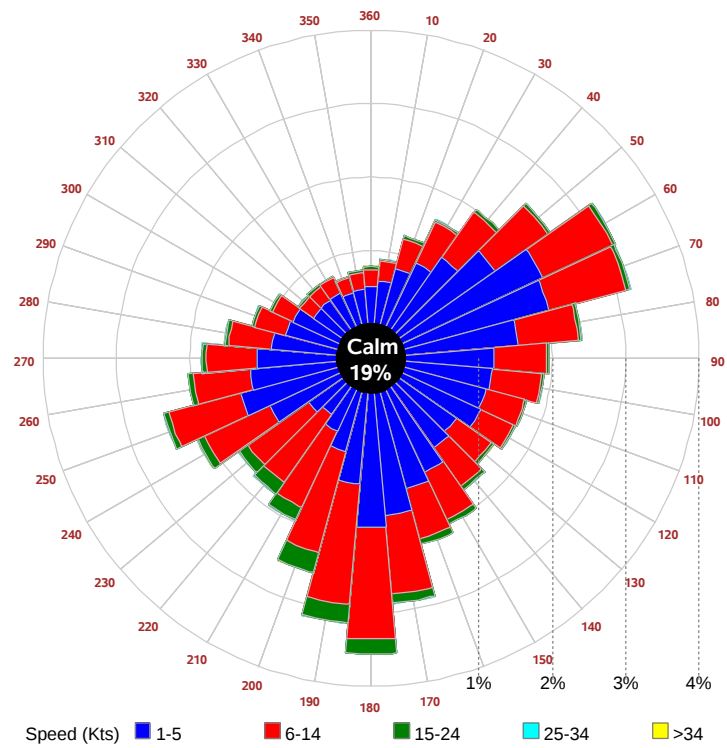
Wind Summary - December, January, and February



Wind Summary - March, April, and May



Wind Summary - June, July, and August



Wind Summary - September, October, and November

