

MERRILL FLD, AK

Latitude = 61.21 N

Longitude = 149.84 W

Period of Record = 1988 To 2017

Station ID = ICAO_PAMR

Elevation = 137 Feet

Average Pressure = 29.62 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	78	61	54	7	W
0.4% Occurrence	73	59	53	6.6	W
1.0% Occurrence	71	58	53	6.5	W
2.0% Occurrence	68	57	51	6.3	W
Mean Daily Range	13	-	-	-	E
97.5% Occurrence	0	0	4	1.9	E
99.0% Occurrence	-7	-7	3	1.6	E
99.6% Occurrence	-11	-12	2	1.6	E
Median of Extreme Lows	-15	-15	2	1.7	E

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	64	74	69	6.1	W
0.4% Occurrence	61	70	64	5.8	W
1.0% Occurrence	60	68	63	5.5	W
2.0% Occurrence	58	65	60	4.9	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	75	64	0.5	3.7	W
0.4% Occurrence	70	63	0.47	3.9	WNW
1.0% Occurrence	66	62	0.44	4.1	WNW
2.0% Occurrence	64	61	0.43	3.6	WNW

Air Conditioning/ Humid Area Criteria	Threshold	T ≥ 93 °F	T ≥ 80 °F	Twb ≥ 73 °F	Twb ≥ 67 °F
	# of Hours	0	7	6	7

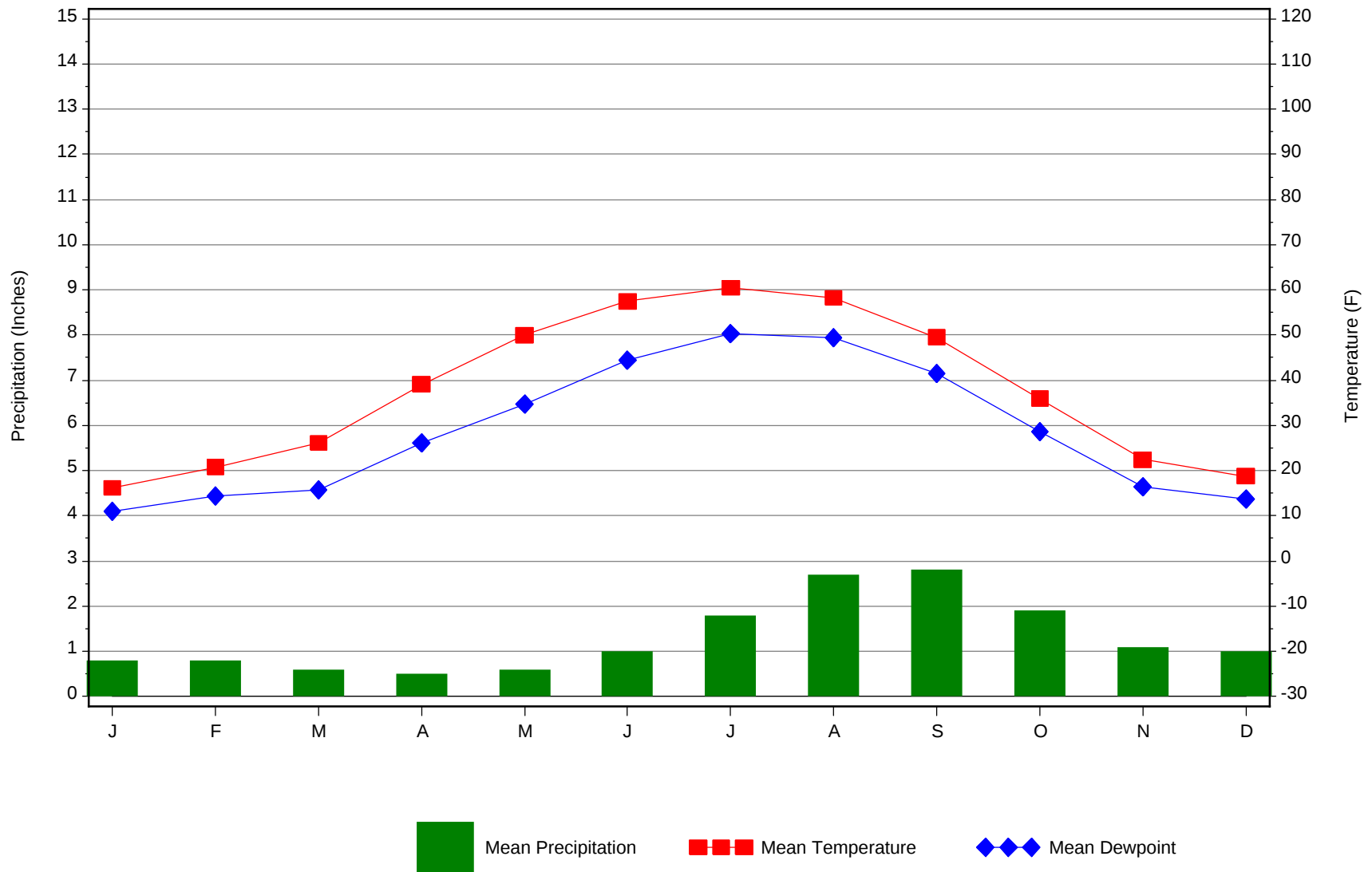
Other Site Data

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
4	N/A	N/A	0.0 + 0.0
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 (#)
40.5	N/A	N/A	72

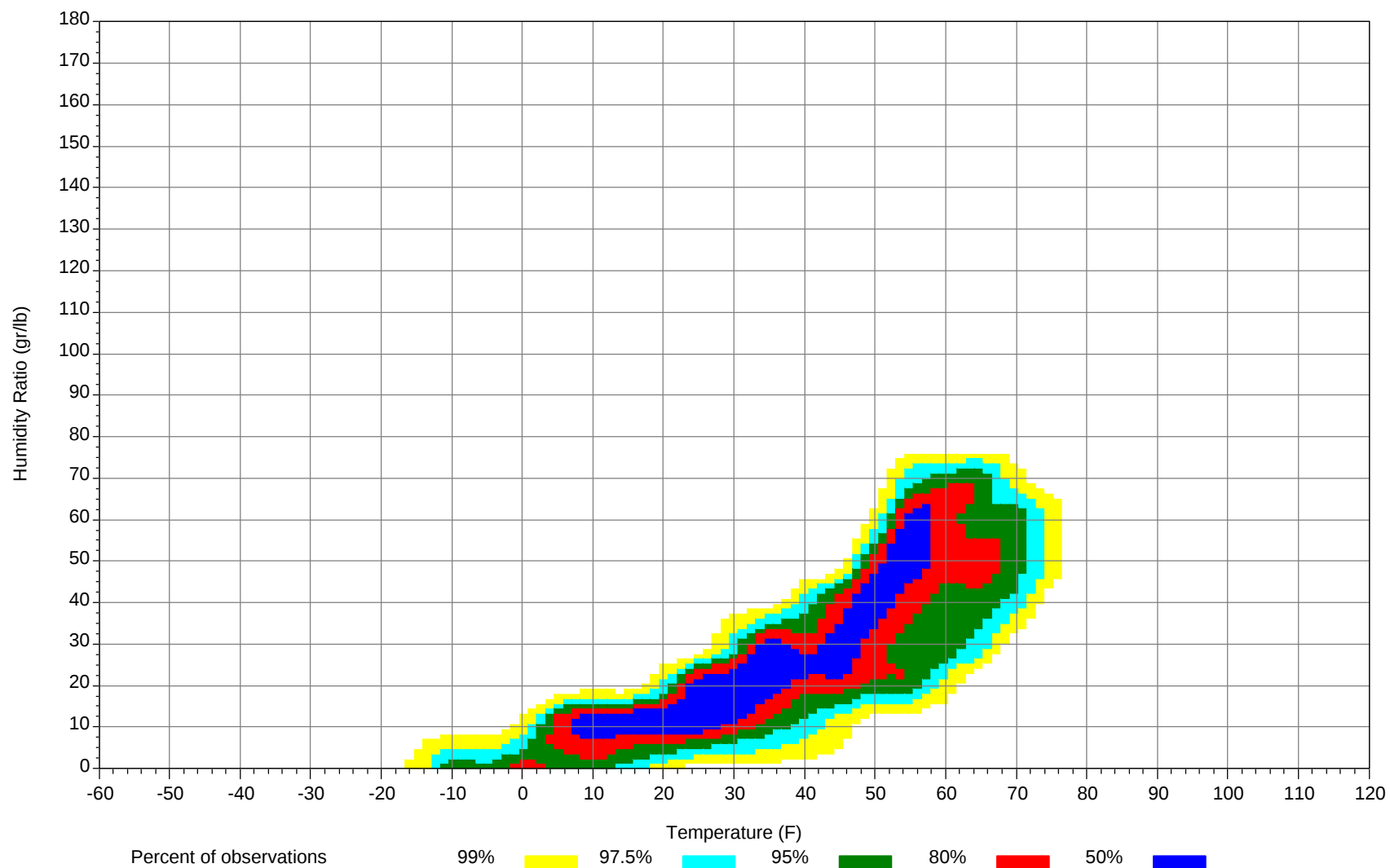
*Note: Temperatures at greater depths can be estimated by adding 1.5°F per 100 feet additional depth.



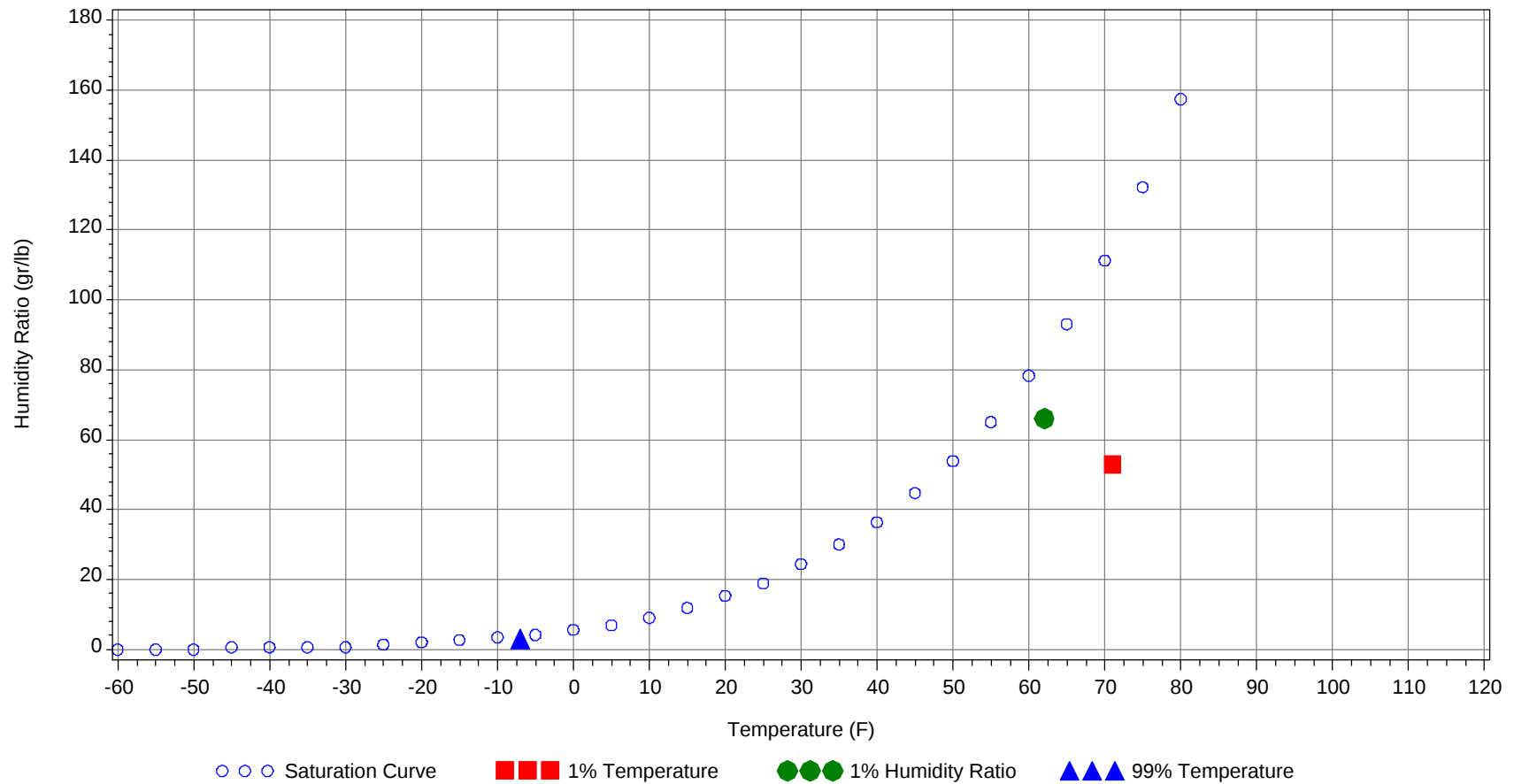
Average Annual Climate



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	71.0		58		53.0	25.3
99.0% Dry Bulb	-7.0				3.0	-1.2
1.0% Humidity Ratio	66.0	62.0	58.2	55.4		25.2

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)
85/ 89															
80/ 84															
75/ 79															
70/ 74															
65/ 69															
60/ 64															
55/ 59															
50/ 54	0			0	42		0		0	42	0	0	0	0	41.3
45/ 49	1	2	1	4	38	1	1	1	3	37.7	0	7	3	10	37.9
40/ 44	3	4	3	10	35.9	2	5	4	11	36.1	2	18	12	32	35.4
35/ 39	10	12	13	35	33.7	8	22	17	47	33.8	14	49	49	112	32.6
30/ 34	22	30	27	79	29.7	30	41	41	112	29.7	48	59	63	170	28.9
25/ 29	36	37	35	108	25.3	46	46	50	142	25	53	47	51	151	24.2
20/ 24	27	31	31	89	20.7	27	29	28	84	20.4	32	23	25	80	19.5
15/ 19	37	39	38	114	16.4	35	32	31	98	16.1	35	23	24	82	15.4
10/ 14	28	26	25	79	11	21	19	19	59	10.8	25	11	13	49	10.3
5/ 9	22	22	25	69	6.3	18	13	14	45	6.1	18	6	6	30	6
0/ 4	22	23	21	66	1.1	14	8	10	32	1.1	15	3	2	20	1
-5/ -1	12	9	9	30	-3.3	7	3	3	13	-3.2	3	1	0	4	-3.2
-10/ -6	15	10	14	39	-7.7	9	3	4	16	-7.6	2	0	0	2	-7.1
-15/-11	7	3	4	14	-12.1	3	1	2	6	-12.2	1		0	1	-11.4
-20/-16	4	2	2	8	-16.4	3	1	1	5	-16.6	0			0	-15
-25/-21	1	0	0	1	-21.5	1	0	0	1	-21.4					
-30/-26	0	0	0	0	-26.4	0	0		0	-26					

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)
85/ 89												0		0	61.7
80/ 84												1	0	1	61.6
75/ 79							1	0	1	55.2		4	2	6	59.9
70/ 74		0	0	0	52.7		5	4	9	53.5	0	17	13	30	57.5
65/ 69		0	0	0	50.7		9	7	16	51.6	2	31	24	57	55.1
60/ 64		1	1	2	48.2	1	31	21	53	49.2	15	76	66	157	52.8
55/ 59		9	5	14	44.6	8	57	47	112	46.7	61	74	79	214	50.5
50/ 54	0	33	22	55	41.8	36	78	74	188	44.4	110	34	49	193	48
45/ 49	7	65	55	127	39	89	52	69	210	41.5	48	3	6	57	44.7
40/ 44	28	49	53	130	36.6	64	12	19	95	38.4	3	0	0	3	40.4
35/ 39	83	49	65	197	33.5	43	4	7	54	34.6	0			0	37.2
30/ 34	70	20	28	118	29.3	6	1	1	8	29.6					
25/ 29	33	8	9	50	24.3	1	0		1	25.3					
20/ 24	9	2	2	13	19.2										
15/ 19	8	1	1	10	15.7										
10/ 14	2	0	0	2	10.3										
5/ 9	1	0	0	1	6.1										
0/ 4	0			0	1										
-5/ -1															
-10/ -6															
-15/-11															
-20/-16															
-25/-21															
-30/-26															

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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)
85/ 89															
80/ 84		1	0	1	62		0		0	63.7					
75/ 79	0	7	3	10	61.3		3	2	5	61.7					
70/ 74	0	30	20	50	59.4	0	16	9	25	59.6		0	0	0	56.2
65/ 69	4	49	42	95	57.4	1	34	26	61	57.3	0	3	1	4	54.6
60/ 64	41	93	97	231	55.5	18	91	80	189	55.3	1	22	12	35	52.5
55/ 59	128	58	72	258	53.4	92	79	93	264	53.3	8	61	49	118	50.6
50/ 54	71	9	14	94	50.6	109	24	35	168	50.3	63	84	90	237	48.4
45/ 49	4	0	0	4	45.5	24	2	3	29	45.1	92	47	57	196	44.3
40/ 44	0			0	42.5	3	0	0	3	39.8	34	14	17	65	39.3
35/ 39						1	0	0	1	37	28	8	11	47	34.8
30/ 34											12	2	2	16	29.9
25/ 29											2	0	0	2	24.6
20/ 24											1			1	19.9
15/ 19											0			0	17
10/ 14															
5/ 9															
0/ 4															
-5/ -1															
-10/ -6															
-15/-11															
-20/-16															
-25/-21															
-30/-26															

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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)
85/ 89															
80/ 84															
75/ 79															
70/ 74															
65/ 69		0		0	54										
60/ 64		0	0	0	51										
55/ 59	1	3	1	5	47.7		0		0	43.5					
50/ 54	3	15	8	26	44.9	0	0	0	0	42.3	0	0		0	40.3
45/ 49	21	48	40	109	42.5	1	2	3	6	39.6	2	2	2	6	38.4
40/ 44	31	40	41	112	38.9	3	7	4	14	37.7	1	2	2	5	36.5
35/ 39	58	59	63	180	34.5	19	26	24	69	34.4	8	11	9	28	33.7
30/ 34	61	45	50	156	30	36	42	38	116	29.9	29	31	30	90	30.3
25/ 29	39	24	26	89	25.1	46	50	46	142	24.9	44	47	45	136	25.3
20/ 24	16	8	9	33	20.7	34	31	33	98	20.4	34	36	36	106	20.7
15/ 19	11	4	7	22	16.4	34	32	35	101	16.3	45	44	42	131	16.3
10/ 14	6	1	2	9	11.3	25	22	23	70	10.9	27	28	29	84	11.1
5/ 9	2	0	0	2	6.5	16	14	15	45	6.2	20	20	21	61	6.3
0/ 4	1	0	0	1	1.7	14	9	12	35	1.3	20	17	18	55	1.1
-5/ -1	0			0	-2	4	2	3	9	-3.3	9	6	8	23	-3.3
-10/ -6						5	2	2	9	-7.2	7	4	5	16	-7.6
-15/-11						1	0	0	1	-11.6	2	1	0	3	-12
-20/-16						0	0		0	-15.8	1	0	0	1	-16.4
-25/-21															
-30/-26															

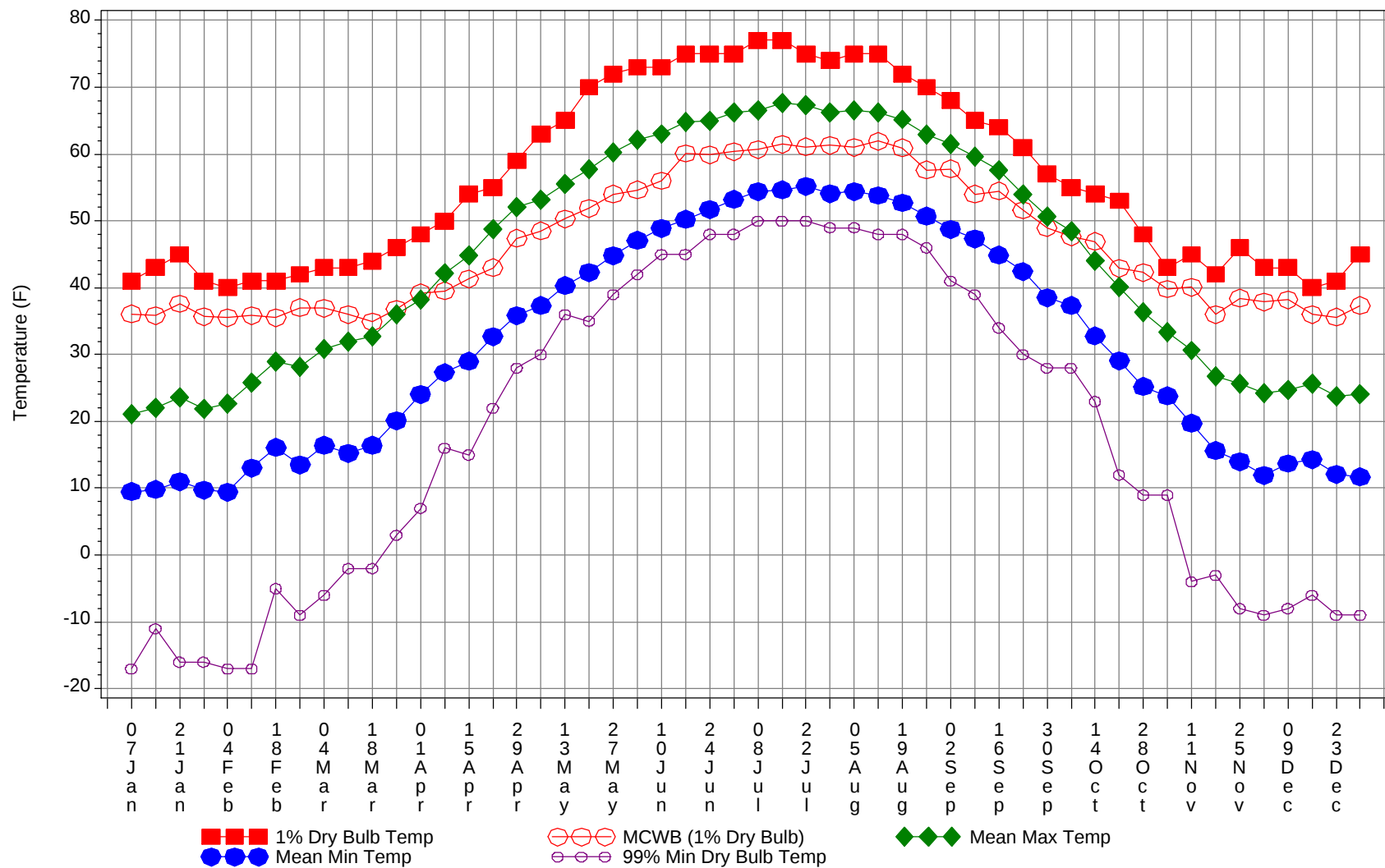
Caution: This summary reflects the typical distribution of temperature in a typical year. It does not reflect the typical moisture distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary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

Dry-Bulb Temperature Hours For An Average Year

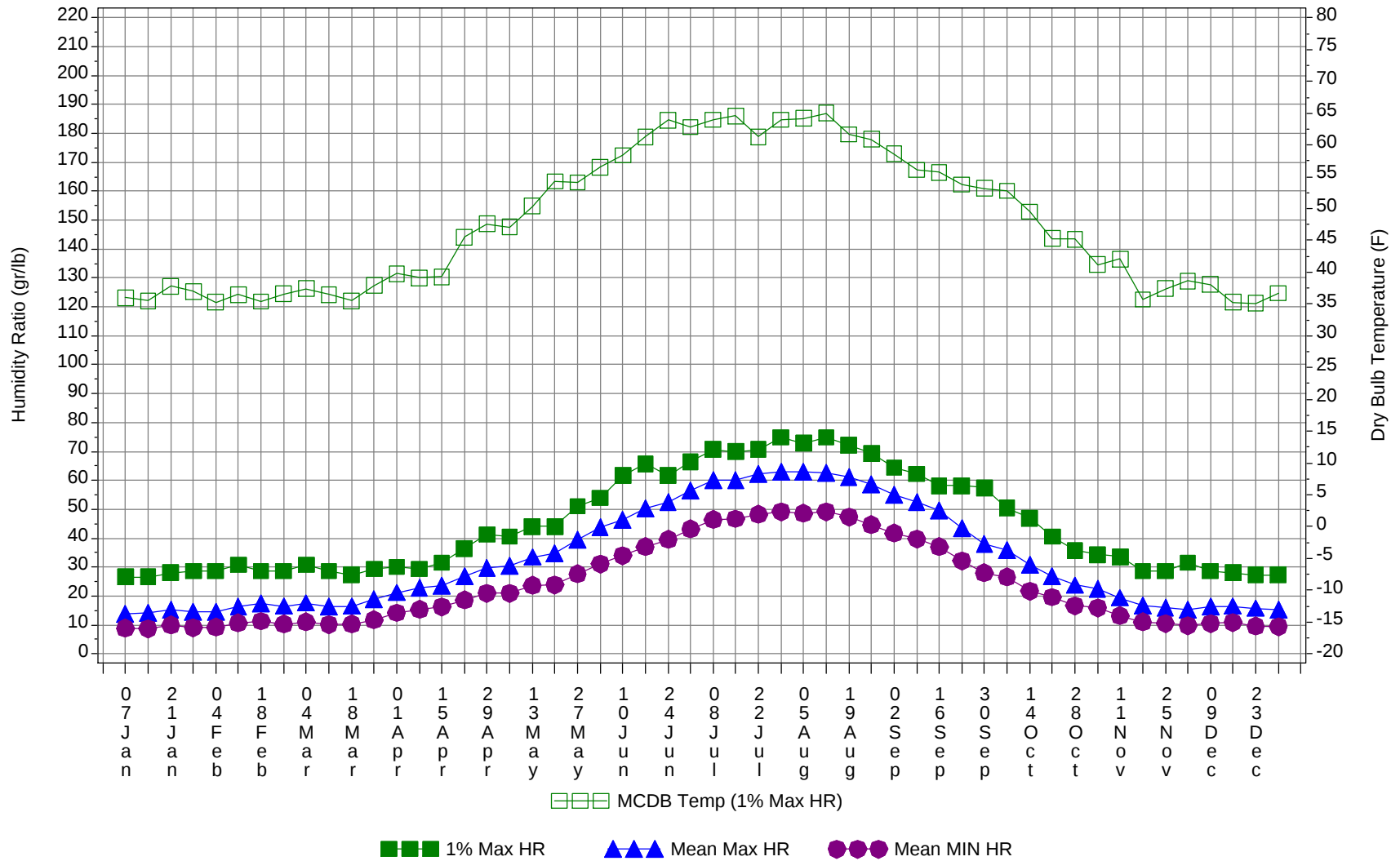
Temperature Range (° F)	Annual				
	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (° F)
85/ 89		0		0	61.7
80/ 84		2	1	3	62
75/ 79	0	14	7	21	60.7
70/ 74	1	67	45	113	58.5
65/ 69	7	126	99	232	56.4
60/ 64	76	315	277	668	54.2
55/ 59	297	340	345	982	51.5
50/ 54	392	277	293	962	47.6
45/ 49	292	231	240	763	42.2
40/ 44	175	152	154	481	37.8
35/ 39	274	241	258	773	33.9
30/ 34	313	269	281	863	29.6
25/ 29	299	259	263	821	24.9
20/ 24	180	160	163	503	20.4
15/ 19	205	174	178	557	16.1
10/ 14	133	107	111	351	10.9
5/ 9	97	76	80	253	6.2
0/ 4	86	60	63	209	1.2
-5/ -1	35	21	24	80	-3.3
-10/ -6	37	19	26	82	-7.6
-15/-11	13	5	6	24	-12.1
-20/-16	7	3	3	13	-16.5
-25/-21	2	0	1	3	-21.5
-30/-26	0	0	0	0	-26.4

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Annual Summary of Temperatures



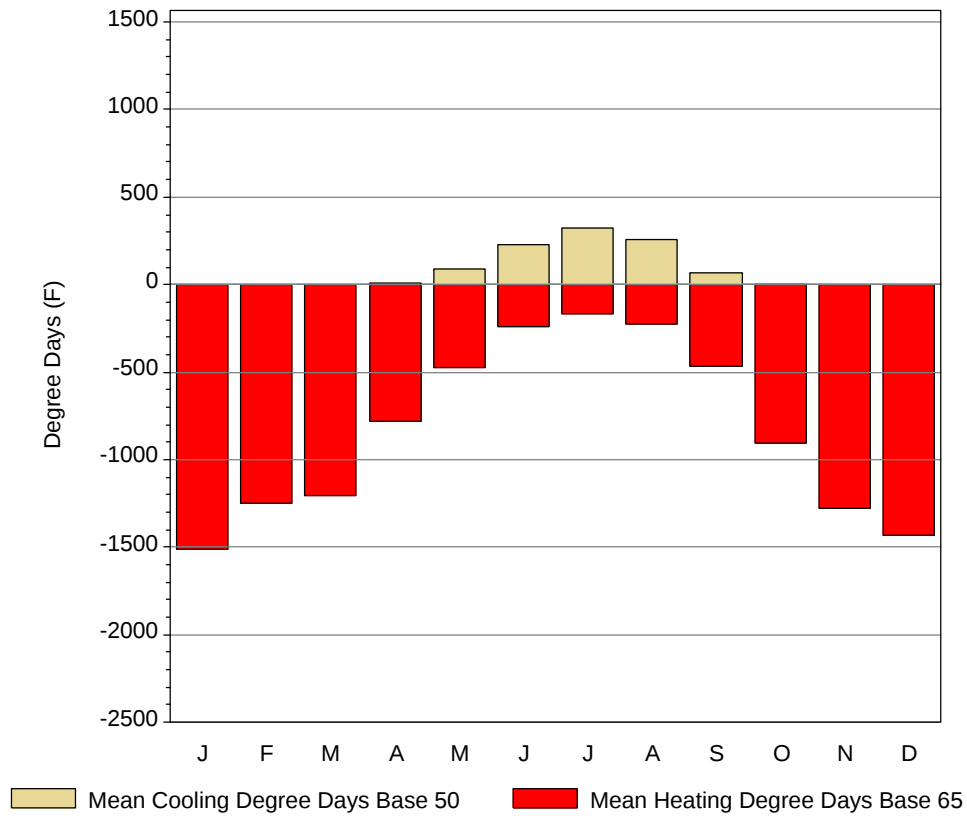
Long Term Humidity and Dry Bulb Temperature Summary



Long Term Humidity and Dry Bulb Temperature Summary

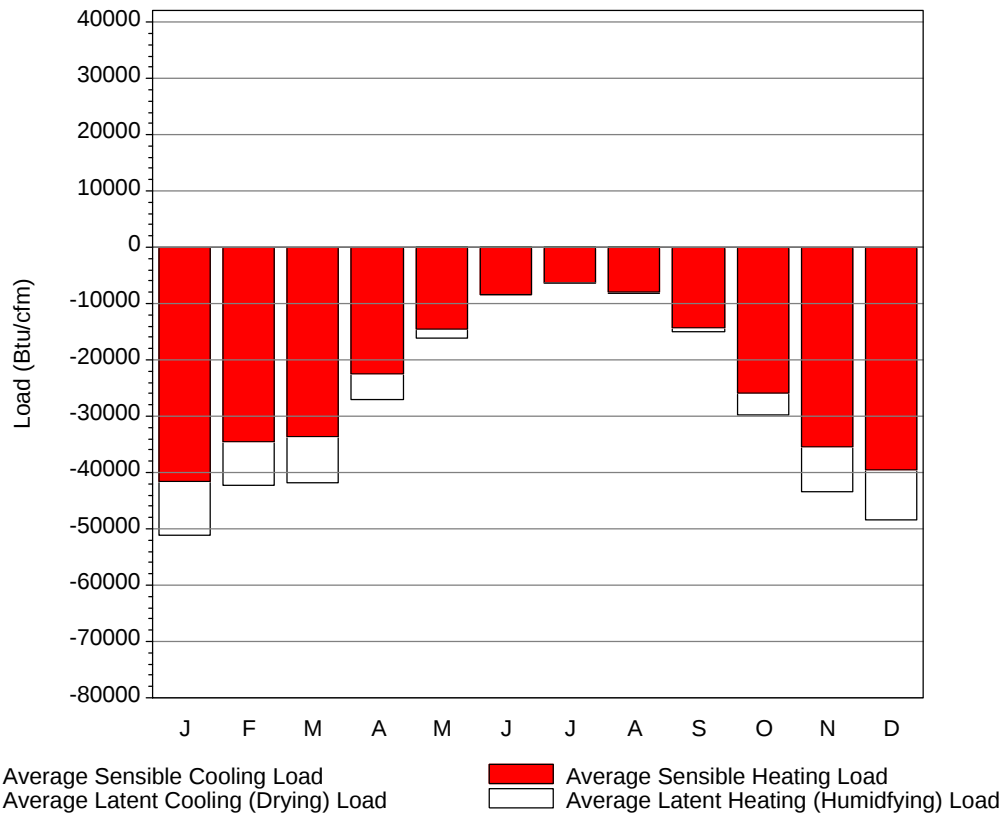
Week Ending	1.0% Temp (° F)	MCWB@ 1% Temp (° F)	Mean Max Temp (° F)	Mean Min Temp (° F)	99% Temp (° F)	1.0% HR (gr/lb)	MCDB@ 1% HR (° F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	41	36.1	21.1	9.5	-17	26.6	36	13.9	8.9
14-Jan	43	35.8	22	9.8	-11	26.6	35.5	14.3	8.7
21-Jan	45	37.6	23.6	11	-16	28	37.8	15.4	9.9
28-Jan	41	35.7	21.8	9.7	-16	28.7	37	14.5	9
4-Feb	40	35.5	22.6	9.4	-17	28.7	35.3	14.6	9.2
11-Feb	41	35.8	25.8	13	-17	30.8	36.5	16.4	10.6
18-Feb	41	35.5	28.9	16.1	-5	28.7	35.4	17.5	11.3
25-Feb	42	37	28.2	13.5	-9	28.7	36.6	16.5	10.3
4-Mar	43	36.9	30.8	16.4	-6	30.8	37.4	17.6	11
11-Mar	43	36	31.9	15.2	-2	28.7	36.5	16.3	10.1
18-Mar	44	34.9	32.7	16.4	-2	27.3	35.5	16.5	10.3
25-Mar	46	36.8	36.1	20.1	3	29.4	37.9	18.8	11.8
1-Apr	48	39.2	38.3	24	7	30.1	39.8	21.2	14.2
8-Apr	50	39.5	42.2	27.3	16	29.4	39.1	23	15.3
15-Apr	54	41.3	44.8	29	15	31.5	39.3	23.5	16.2
22-Apr	55	43	48.7	32.7	22	36.4	45.5	26.7	18.6
29-Apr	59	47.4	52	35.8	28	41.3	47.6	29.7	20.9
6-May	63	48.5	53.1	37.3	30	40.6	47.1	30.5	21
13-May	65	50.3	55.5	40.3	36	44.1	50.4	33.5	23.6
20-May	70	51.9	57.7	42.3	35	44.1	54.3	34.7	23.9
27-May	72	54	60.2	44.8	39	51.1	54.1	39.4	27.7
4-Jun	73	54.6	62.1	47.1	42	53.9	56.5	43.9	31
10-Jun	73	56	63	48.9	45	61.6	58.4	46.3	33.9
17-Jun	75	60.1	64.8	50.2	45	65.8	61.3	50.4	37
24-Jun	75	59.9	65	51.7	48	61.6	63.9	52.6	39.6
1-Jul	75	60.4	66.3	53.2	48	66.5	62.8	56.5	43.2
8-Jul	77	60.7	66.5	54.4	50	70.7	64	60	46.4
15-Jul	77	61.5	67.6	54.6	50	70	64.6	60.1	46.7
22-Jul	75	61.1	67.4	55.2	50	70.7	61.3	62.2	48.3
29-Jul	74	61.3	66.2	54.1	49	74.9	64	63	49.1
5-Aug	75	61	66.5	54.4	49	72.8	64.2	62.9	48.6
12-Aug	75	61.9	66.3	53.8	48	74.9	65	62.7	49.1
19-Aug	72	60.9	65.2	52.7	48	72.1	61.7	61.1	47.4
26-Aug	70	57.6	62.9	50.7	46	69.3	60.9	58.7	44.7
2-Sep	68	57.8	61.5	48.7	41	64.4	58.6	54.9	41.7
9-Sep	65	54	59.6	47.3	39	62.3	56.1	52.4	39.8
16-Sep	64	54.5	57.5	44.9	34	58.1	55.7	49.6	37.1
23-Sep	61	51.6	54	42.4	30	58.1	53.8	43.5	32.2
30-Sep	57	49	50.7	38.5	28	57.4	53.2	37.9	28
7-Oct	55	47.6	48.5	37.3	28	50.4	52.8	35.8	26.5
14-Oct	54	46.9	44.1	32.8	23	46.9	49.5	30.9	21.7
21-Oct	53	42.9	40.1	29.1	12	40.6	45.3	26.8	19.6
28-Oct	48	42.3	36.3	25.2	9	35.7	45.2	23.8	16.6
4-Nov	43	39.8	33.4	23.8	9	34.3	41.2	22.5	15.9
11-Nov	45	40.1	30.6	19.7	-4	33.6	42.1	19.4	13.2
18-Nov	42	36	26.7	15.6	-3	28.7	35.7	16.7	11
25-Nov	46	38.4	25.7	14	-8	28.7	37.4	16.1	10.5
2-Dec	43	37.9	24.2	11.9	-9	31.5	38.6	15.3	9.7
9-Dec	43	38.2	24.7	13.7	-8	28.7	38.1	16.4	10.4
16-Dec	40	36	25.6	14.3	-6	28	35.3	16.5	10.8
23-Dec	41	35.6	23.8	12.1	-9	27.3	35.1	15.8	9.6
31-Dec	45	37.3	24.1	11.7	-9	27.3	36.7	15.3	9.4

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	0	0	1512.2
FEB	0	0	1248.9
MAR	0	0	1206.1
APR	8.4	0.1	777.5
MAY	90.3	3.5	470.3
JUN	231.4	15	240.7
JUL	326.6	24.8	163.6
AUG	257.4	12.4	224.2
SEP	70.8	0.3	464
OCT	2.8	0	902.2
NOV	0	0	1279.4
DEC	0	0	1434.2
ANN	987.7	56.1	9923.3

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	-41606	0	-9425
FEB	0	-34562	0	-7792
MAR	0	-33673	0	-8201
APR	0	-22484	0	-4607
MAY	1	-14548	1	-1660
JUN	16	-8361	6	-80
JUL	22	-6291	15	-4
AUG	7	-8026	4	-33
SEP	0	-14350	0	-678
OCT	0	-25795	0	-3871
NOV	0	-35494	0	-7835
DEC	0	-39585	0	-8912
ANN	46	-284775	26	-53098

Station Information		Shading Geometry in Dimensionless Units	
City, State, WBAN	ANCHORAGE, AK 26451	Window:	1.000
Lat, Lon, Elev	61.17N 150.02W 115ft	Overhang:	0.154
Press, Stn_Type	14.6psia Secondary	Vert Gap:	0.200

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	90	300	720	1150	1440	1560	1470	1120	710	350	130	49	760
	Std.Dev.	10	41	65	115	129	149	134	105	70	31	15	6	25
	Minimum	70	230	550	1000	1190	1310	1160	920	580	280	110	38	710
	Maximum	110	400	830	1420	1660	1890	1700	1320	820	430	160	57	800
	Diffuse	66	190	410	600	750	850	800	630	410	230	92	39	420
Clear Day	Global	110	370	910	1640	2210	2490	2330	1790	1110	500	160	60	1150
NORTH	Global	38	110	240	370	510	600	550	390	240	130	53	22	270
	Diffuse	38	110	240	360	460	520	490	370	240	130	53	22	250
Clear Day	Global	38	100	210	370	630	840	730	430	240	120	51	25	320
EAST	Global	81	240	540	800	930	940	870	710	490	260	110	44	500
	Diffuse	49	140	310	460	550	600	560	450	300	160	69	27	310
Clear Day	Global	140	400	830	1310	1610	1740	1650	1370	950	500	190	82	900
SOUTH	Global	310	660	1040	1120	1060	1010	990	930	810	600	380	190	760
	Diffuse	110	250	420	530	580	620	590	490	360	240	140	70	370
Clear Day	Global	690	1340	1840	1910	1750	1660	1670	1770	1800	1470	840	470	1440
WEST	Global	82	250	540	790	920	980	950	740	500	270	120	44	520
	Diffuse	49	150	310	460	550	610	580	450	300	160	69	28	310
Clear Day	Global	140	400	830	1310	1610	1740	1650	1370	950	500	190	82	900

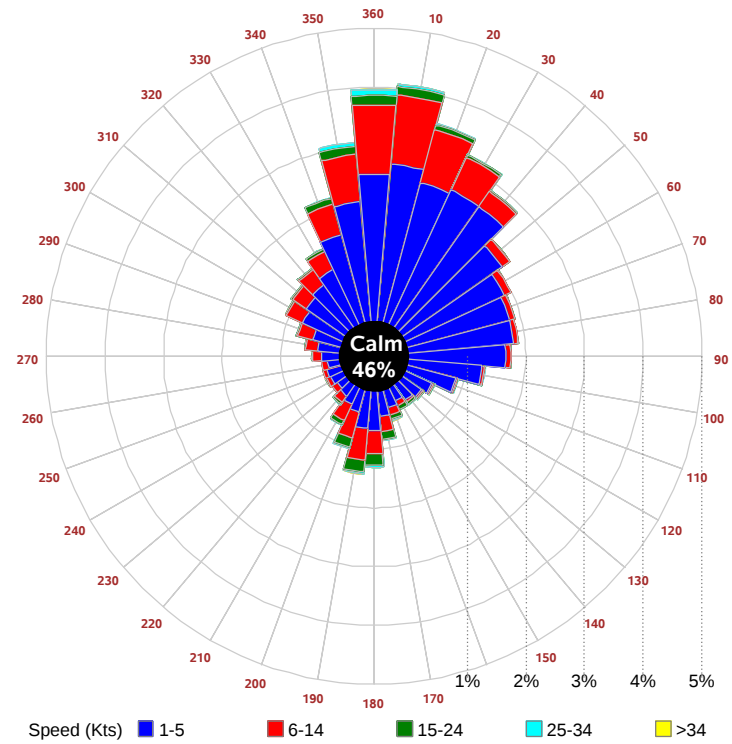
Average Annual Solar Radiation - Nearest Available Site Source: National Renewable Energy Laboratory, Golden CO, 1995

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	51	180	460	790	1020	1110	1040	780	470	220	75	28	520
NORTH	Unshaded	26	76	160	250	350	410	370	270	170	91	37	15	190
	Shaded	25	74	160	250	340	400	360	260	160	89	36	15	180
EAST	Unshaded	51	170	380	570	670	670	620	500	340	180	73	27	350
	Shaded	50	160	370	560	650	650	610	490	340	180	72	26	350
SOUTH	Unshaded	240	500	770	800	730	690	680	650	590	450	290	150	540
	Shaded	240	500	760	790	720	670	660	640	580	440	290	150	540
WEST	Unshaded	52	170	380	560	660	700	680	530	350	180	76	27	360
	Shaded	51	170	370	550	640	680	660	520	350	180	75	26	360

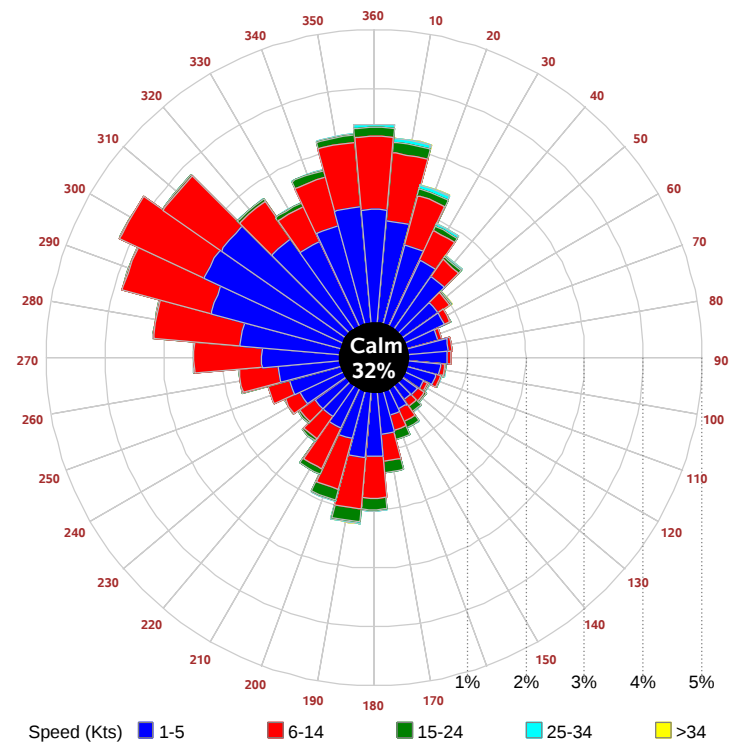
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS Percentage Uncertainty = 9												
		March					June					
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm	
HORIZ.	M.Clear	9	31	45	42	24	34	59	76	80	68	
	M.Cloudy	7	21	31	29	17	20	35	47	50	43	
NORTH	M.Clear	4	9	11	10	7	15	13	15	15	14	
	M.Cloudy	3	9	12	11	7	10	13	16	16	14	
EAST	M.Clear	30	54	25	10	7	70	76	48	15	14	
	M.Cloudy	9	23	17	11	7	24	34	28	16	14	
SOUTH	M.Clear	13	57	85	79	43	9	39	67	74	55	
	M.Cloudy	5	24	37	34	17	8	22	36	40	31	
WEST	M.Clear	4	9	11	39	54	9	13	15	26	64	
	M.Cloudy	3	9	12	21	20	8	13	16	21	35	
M.Clear	(% hrs)	30	29	30	31	29	14	17	17	18	18	

		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	7	30	48	51	39	0	0	6	4	0
	M.Cloudy	4	16	26	28	21	0	0	5	3	0
NORTH	M.Clear	3	8	11	11	10	0	0	3	2	0
	M.Cloudy	2	7	10	11	8	0	0	2	1	0
EAST	M.Clear	27	59	41	11	10	0	0	6	2	0
	M.Cloudy	6	18	18	11	8	0	0	3	1	0
SOUTH	M.Clear	5	42	75	83	58	0	0	28	16	0
	M.Cloudy	2	14	27	30	20	0	0	7	4	0
WEST	M.Clear	3	8	11	24	56	0	0	3	8	0
	M.Cloudy	2	7	10	14	19	0	0	2	2	0
M.Clear	(% hrs)	18	18	20	20	21	27	24	24	24	26

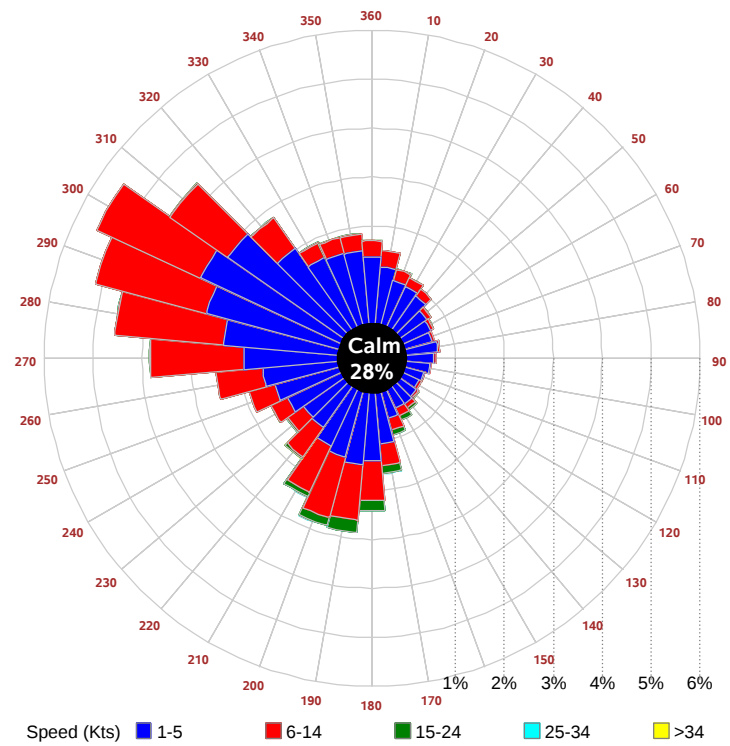
Wind Summary - December, January, and February



Wind Summary - March, April, and May



Wind Summary - June, July, and August



Wind Summary - September, October, and November

