YAKUTAT, AK	
Latitude = 59.50 N	Station ID = ICAO_PAYA
Longitude =139.65 W	Elevation = 33 Feet
Period of Record = 1988 To 2017	Average Pressure = 29.79 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	75	58	43	7.7	NNW
0.4% Occurrence	68	56	47	7.4	NW
1.0% Occurrence	64	55	52	6.7	VRB
2.0% Occurrence	62	55	54	6.5	VRB
Mean Daily Range	12	-	-	-	E
97.5% Occurrence	14	13	9	2.9	E
99.0% Occurrence	7	6	6	1.8	E
99.6% Occurrence	1	0	5	1.5	E
Median of Extreme Lows	-2	-3	4	1.3	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	61	68	66	7	SW
0.4% Occurrence	59	64	64	6.8	VRB
1.0% Occurrence	57	61	62	6.5	VRB
2.0% Occurrence	56	59	60	6.2	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	71	60	0.48	8.3	SE
0.4% Occurrence	69	60	0.47	6.9	SE
1.0% Occurrence	65	59	0.44	6.3	SE
2.0% Occurrence	63	57	0.42	6.8	SE

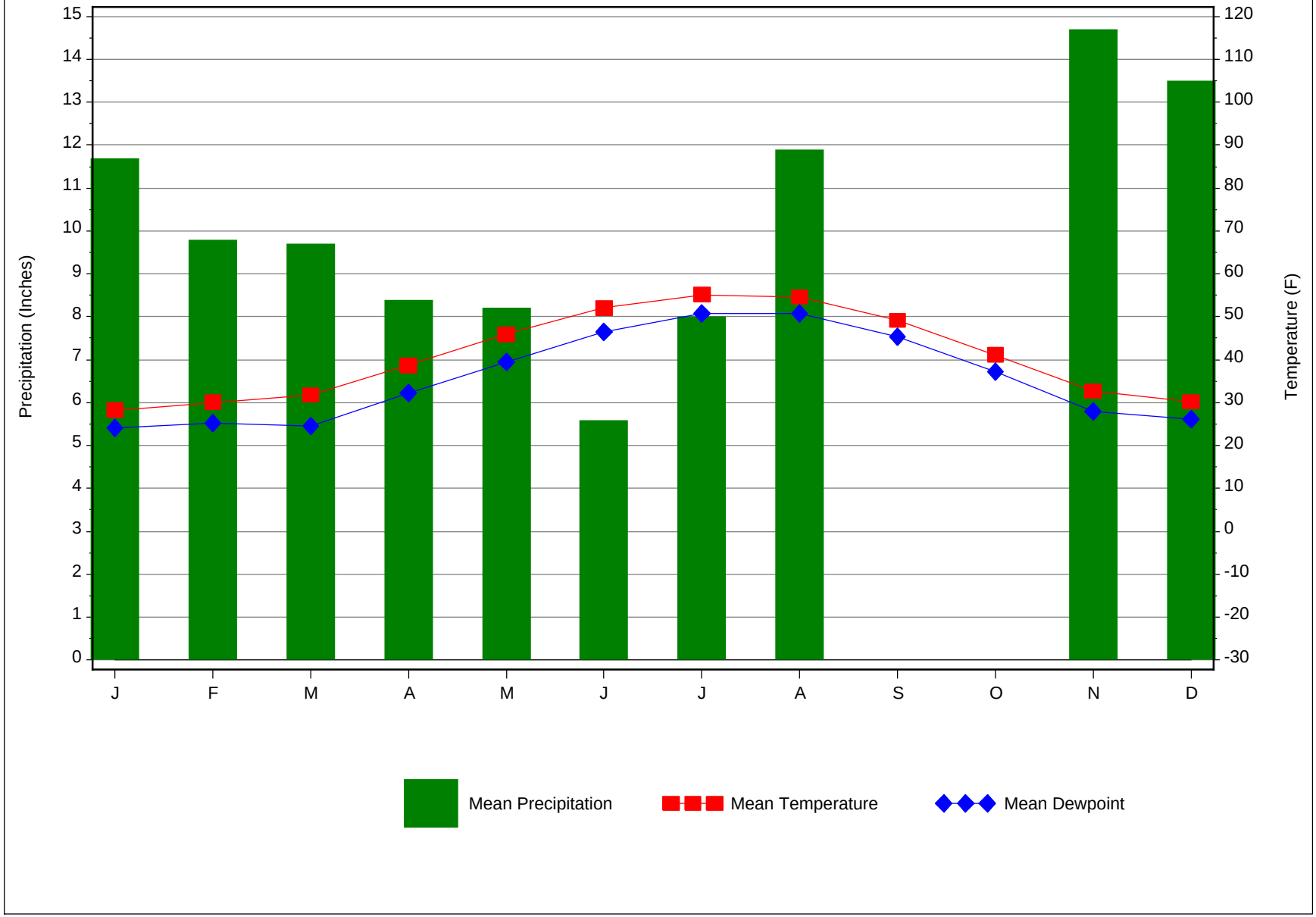
Air Conditioning/ Humid Area Criteria	**Threshold**	**T ≥ 93°F**	**T ≥ 80°F**	**Twb ≥ 73°F**	**Twb ≥ 67°F**
	# of Hours	0	7	0	2

Other Site Data

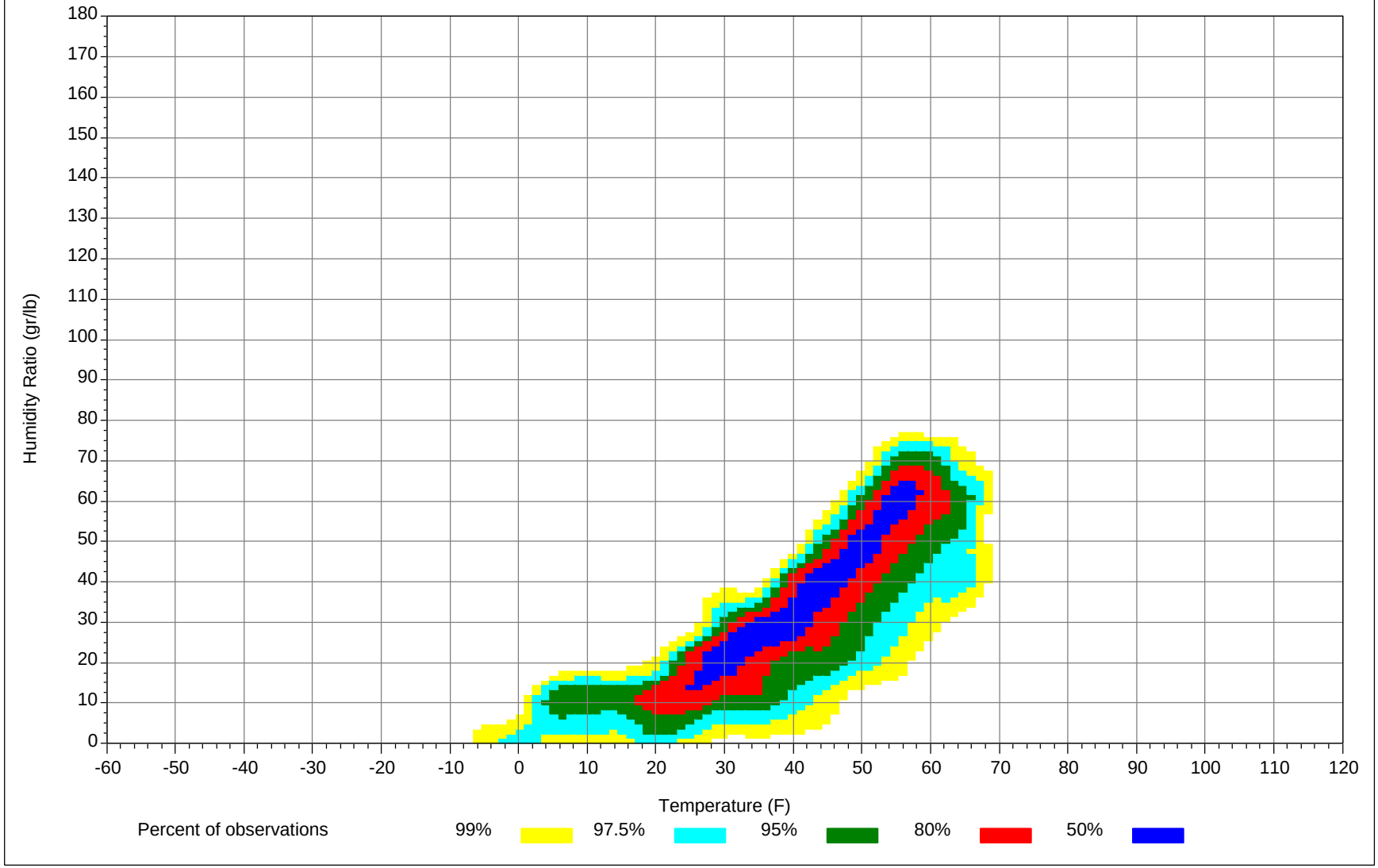
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
5	1	120	0.0 + 0.0
Ground Water Temperature (°F) 50 Foot Depth*	Frost Depth 50 Year Recurrence (in)	Ground Snow Load 50 Year Recurrence (lb/ft^2)	Average Annual Freeze-Thaw Cycles (#)
43.3	77	150	87

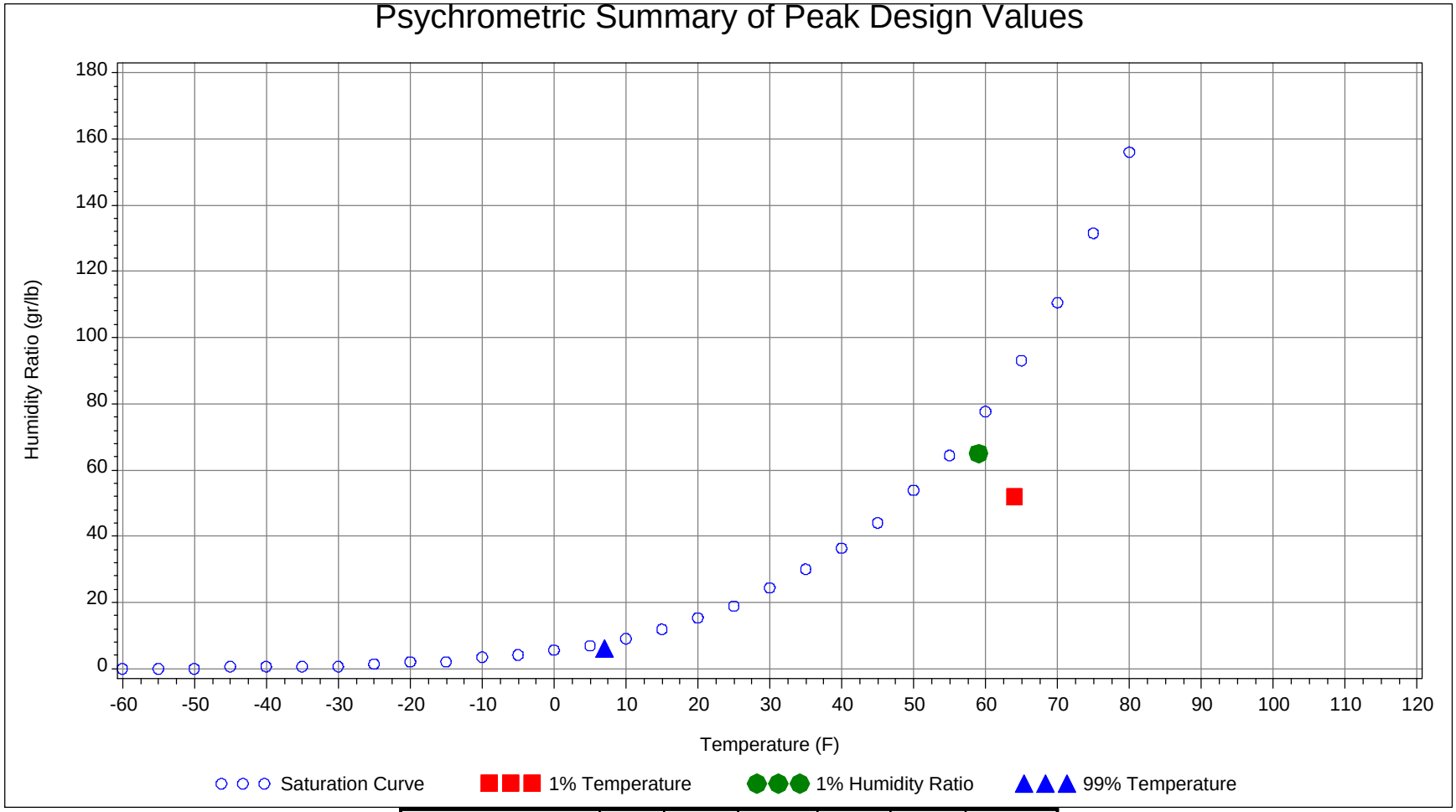
*Note: Temperatures at greater depths can be estimated by adding 1.5°F per 100 feet additional depth.

Average Annual Climate



Long Term Psychrometric Summary





	(°F) / (gr/lb)	MCDB (°F)	MCWB (°F)	MCDP (°F)	MCHR (gr/lb)	Enthalpy (btu/lb)
1.0% Dry Bulb	64.0		55		52.0	23.4
99.0% Dry Bulb	7.0				6.0	2.6
1.0% Humidity Ratio	65.0	59.0	56.5	55.3		24.1

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)**
85/ 89															
80/ 84															
75/ 79															
70/ 74															
65/ 69															
60/ 64															
55/ 59												0		0	45.4
50/ 54						0	0		0	42.8		3	0	3	42.2
45/ 49	3	2	2	7	43.3	2	5	2	9	41.3	1	16	3	20	39
40/ 44	16	18	15	49	40	12	25	14	51	39.7	9	40	17	66	38
35/ 39	51	61	53	165	36	43	68	52	163	35.7	50	94	73	217	34.8
30/ 34	60	65	68	193	31.4	62	65	68	195	31.3	72	60	74	206	30.7
25/ 29	41	41	40	122	25.6	37	32	41	110	25.3	48	23	47	118	24.9
20/ 24	20	20	21	61	20.6	19	13	18	50	20.6	21	6	16	43	20.1
15/ 19	23	21	20	64	16.2	20	9	15	44	16.2	23	4	11	38	15.8
10/ 14	13	9	12	34	11	11	3	7	21	11.1	14	1	4	19	10.9
5/ 9	9	5	8	22	6.4	8	1	4	13	6.2	8	0	1	9	6.4
0/ 4	7	3	6	16	1.4	5	1	2	8	1.6	3		1	4	1.2
-5/ -1	3	1	2	6	-3.2	2	0	1	3	-2.8	1		0	1	-3
-10/ -6	2	1	1	4	-7.3	1	0	0	1	-6.7	0			0	-6.8
-15/-11	1	0	0	1	-12.2	0	0	0	0	-12.4	0			0	-12
-20/-16	0	0		0	-16	0	0		0	-15.6					

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)**
85/ 89												0		0	63
80/ 84												1	0	1	59.8
75/ 79							0	0	0	54.2	0	2	1	3	57
70/ 74		0		0	51.5	0	3	1	4	52.7	0	3	1	4	56.3
65/ 69		1	0	1	50.1	0	6	1	7	51	1	6	2	9	55.5
60/ 64	0	4	1	5	47.8	1	11	4	16	49.7	2	28	10	40	54.1
55/ 59	0	9	3	12	44.9	2	26	10	38	48.4	14	77	46	137	51.9
50/ 54	1	20	6	27	42.8	13	72	42	127	46.9	88	99	113	300	49.5
45/ 49	6	65	28	99	41.5	78	97	99	274	44.2	105	24	60	189	46.2
40/ 44	35	69	58	162	39.3	66	27	55	148	41	19	1	6	26	42
35/ 39	80	60	85	225	35.8	51	5	29	85	36.9	10	0	1	11	37.4
30/ 34	67	11	42	120	31.5	30	0	7	37	32	1			1	33.1
25/ 29	36	1	14	51	26.4	5		0	5	27.7					
20/ 24	8	0	2	10	21.3										
15/ 19	5		1	6	16.9										
10/ 14	2		0	2	11.4										
5/ 9	0			0	8										
0/ 4															
-5/ -1															
-10/ -6															
-15/-11															
-20/-16															

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)**
85/ 89							0		0	62.8					
80/ 84		0	0	0	59.1		0	0	0	64.5					
75/ 79		1	0	1	59.4		1	0	1	59.7					
70/ 74	0	4	1	5	58.2		6	1	7	57.7		2	0	2	55.1
65/ 69	0	10	3	13	57.6	0	11	3	14	57.5		3	0	3	54.1
60/ 64	3	60	24	87	56	2	61	22	85	56.4	0	13	2	15	52.8
55/ 59	45	130	109	284	54	45	126	98	269	54.3	11	67	26	104	52.9
50/ 54	153	44	100	297	51.6	133	42	101	276	51.5	63	106	90	259	50
45/ 49	40	1	11	52	46.9	45	1	20	66	46.6	90	45	80	215	45.8
40/ 44	7		0	7	42.4	17		2	19	42.3	31	4	22	57	41.5
35/ 39	1			1	38.5	6		0	6	37.8	26	1	13	40	37
30/ 34						0			0	33.7	16		5	21	32
25/ 29											3		1	4	27.3
20/ 24											0			0	22.5
15/ 19															
10/ 14															
5/ 9															
0/ 4															
-5/ -1															
-10/ -6															
-15/-11															
-20/-16															

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)**
85/ 89															
80/ 84															
75/ 79															
70/ 74															
65/ 69															
60/ 64	0			0	59										
55/ 59	0	4	0	4	46			0	0	51					
50/ 54	11	46	15	72	47.9	1	1	1	3	46.6	0	0	0	0	45
45/ 49	49	97	62	208	44.3	9	17	10	36	43.6	5	7	5	17	43.9
40/ 44	59	53	64	176	40.6	24	36	26	86	39.7	19	21	19	59	40.1
35/ 39	59	35	59	153	36.3	62	80	69	211	35.7	54	62	58	174	35.8
30/ 34	41	12	33	86	31.4	62	56	65	183	31.1	70	71	70	211	31.4
25/ 29	21	2	12	35	26.5	36	26	35	97	25.5	44	44	41	129	25.7
20/ 24	5	1	2	8	21.5	17	13	15	45	20.4	17	18	17	52	20.6
15/ 19	3	0	1	4	17.3	17	8	11	36	16.2	16	15	19	50	16.3
10/ 14	1	0	0	1	12.3	7	3	6	16	11.2	12	7	11	30	11.1
5/ 9	0			0	7.8	4	1	3	8	6.6	8	3	5	16	6.6
0/ 4						1	0	1	2	0.8	2	1	1	4	1.9
-5/ -1						0	0		0	-3	1	0	1	2	-3.2
-10/ -6											0	0	0	0	-7
-15/-11															
-20/-16															

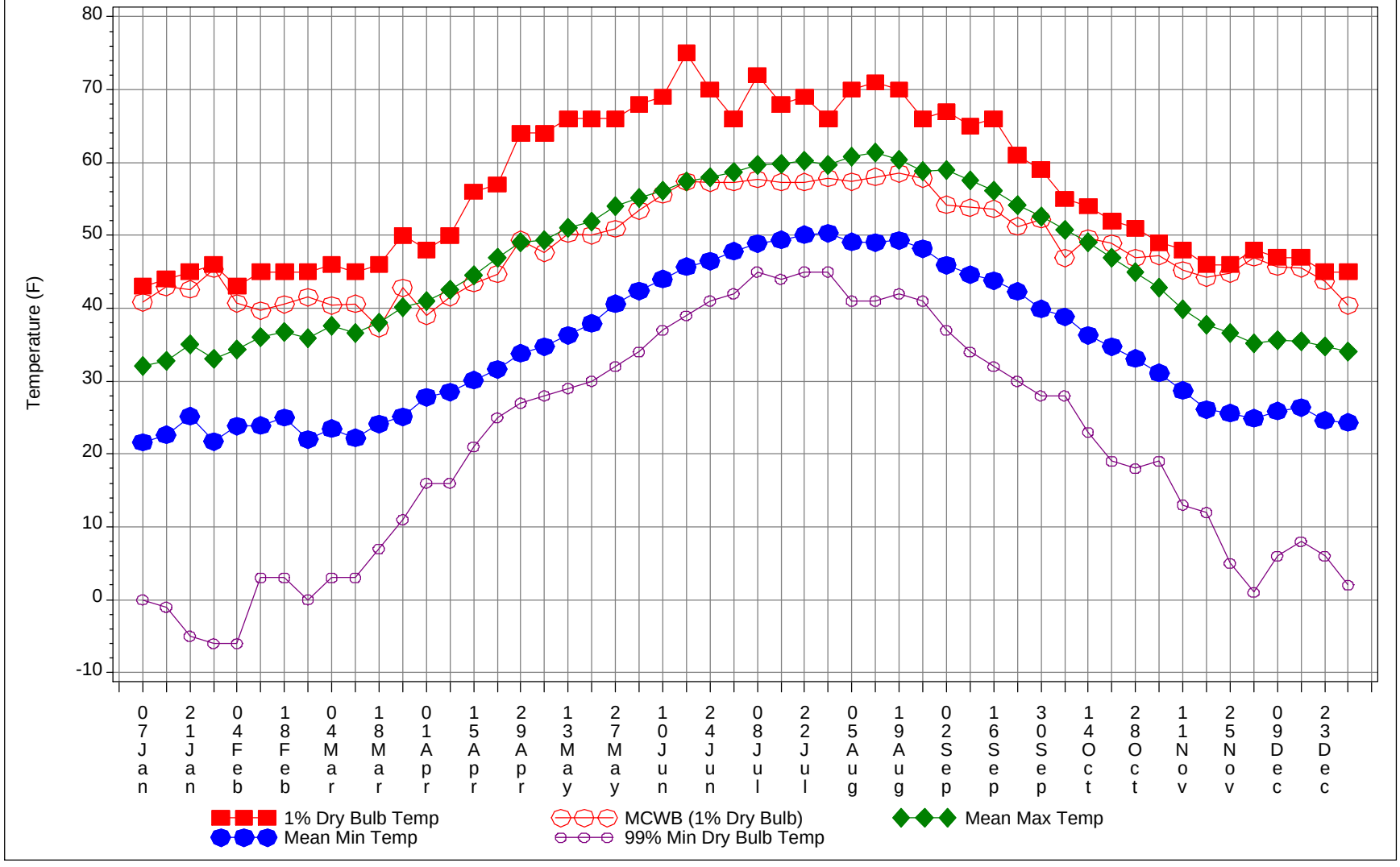
Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary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

Dry-Bulb Temperature Hours For An Average Year

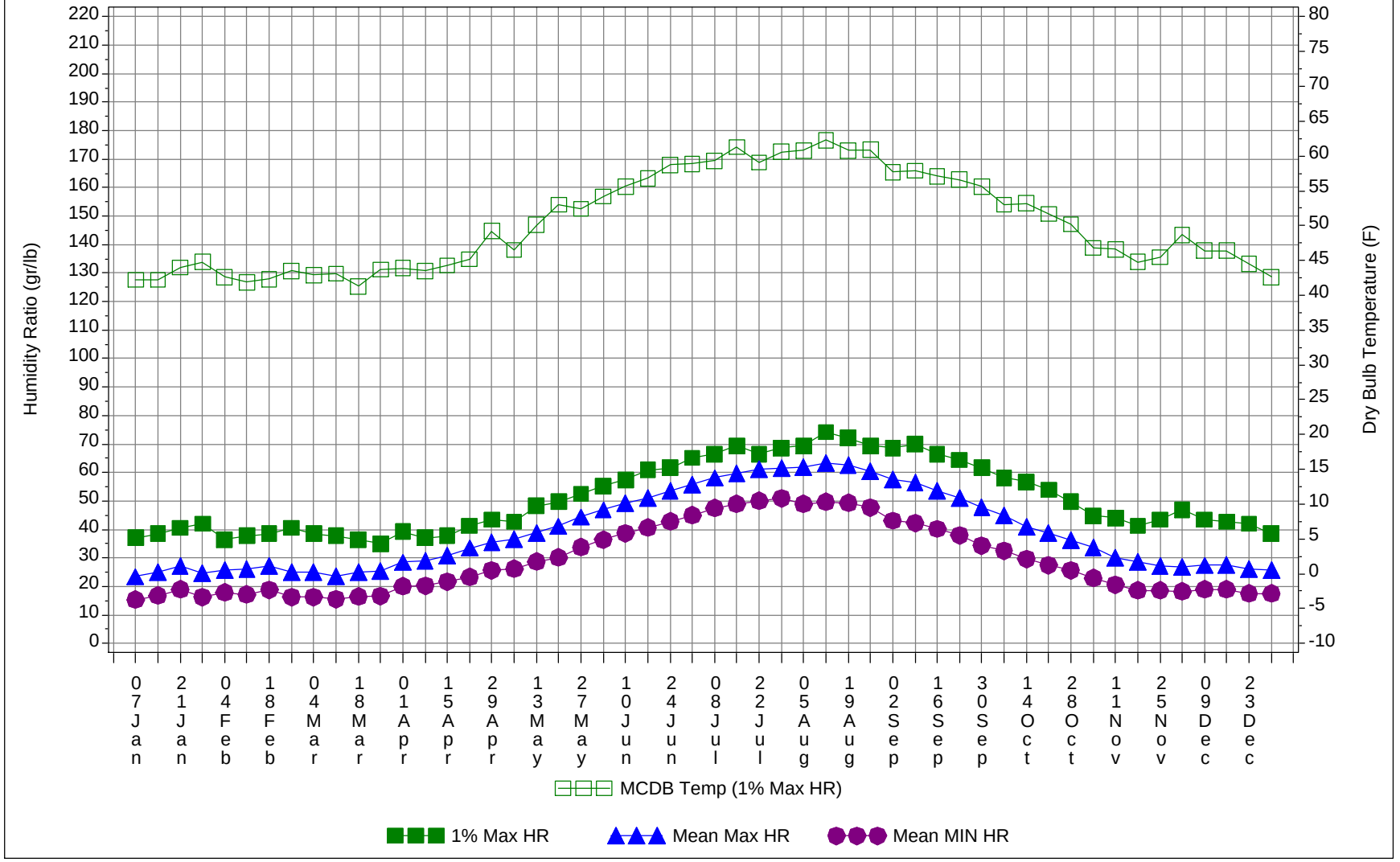
	Annual				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
85/ 89		0		0	62.8
80/ 84		1	0	1	60.8
75/ 79	0	4	1	5	57.9
70/ 74	0	17	4	21	56.5
65/ 69	1	37	9	47	55.7
60/ 64	8	177	63	248	55.1
55/ 59	117	439	292	848	53.2
50/ 54	463	431	469	1363	50
45/ 49	433	377	382	1192	44.7
40/ 44	312	294	298	904	40.2
35/ 39	492	466	492	1450	35.8
30/ 34	481	341	431	1253	31.3
25/ 29	270	167	232	669	25.6
20/ 24	107	71	92	270	20.5
15/ 19	107	58	78	243	16.2
10/ 14	60	22	41	123	11.1
5/ 9	37	11	21	69	6.4
0/ 4	18	5	11	34	1.5
-5/ -1	7	2	4	13	-3.1
-10/ -6	4	1	2	7	-7.1
-15/-11	2	0	1	3	-12.3
-20/-16	0	0		0	-15.8

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



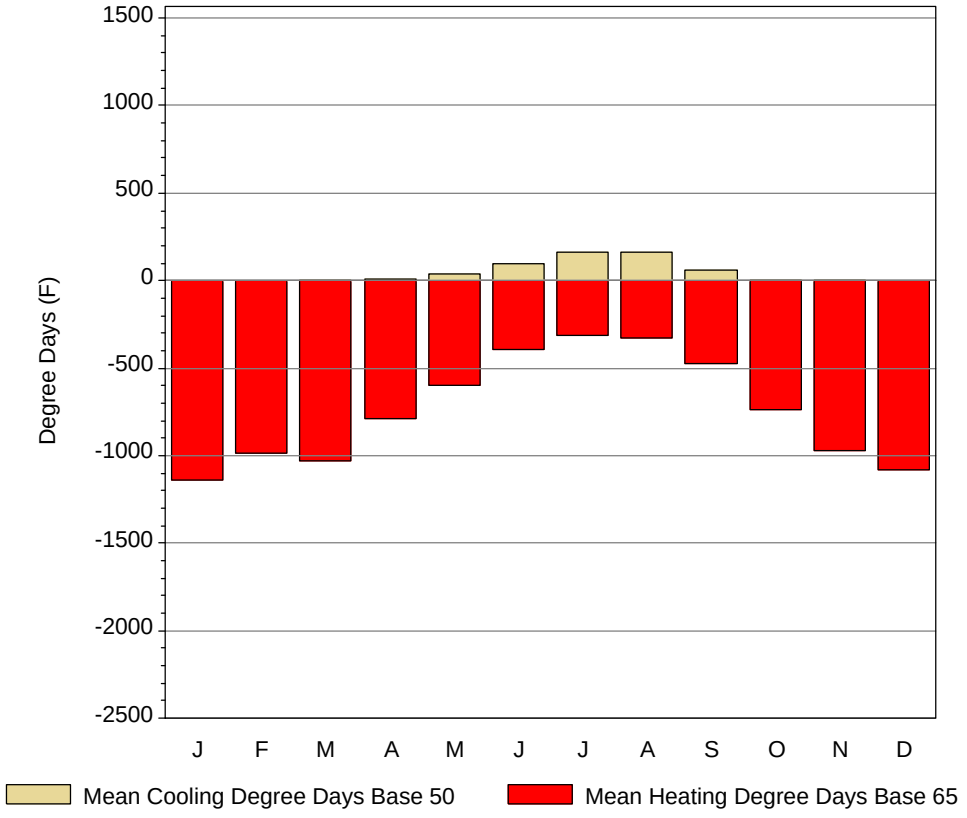
Long Term Humidity and Dry Bulb Temperature Summary



Long Term Humidity and Dry Bulb Temperature Summary

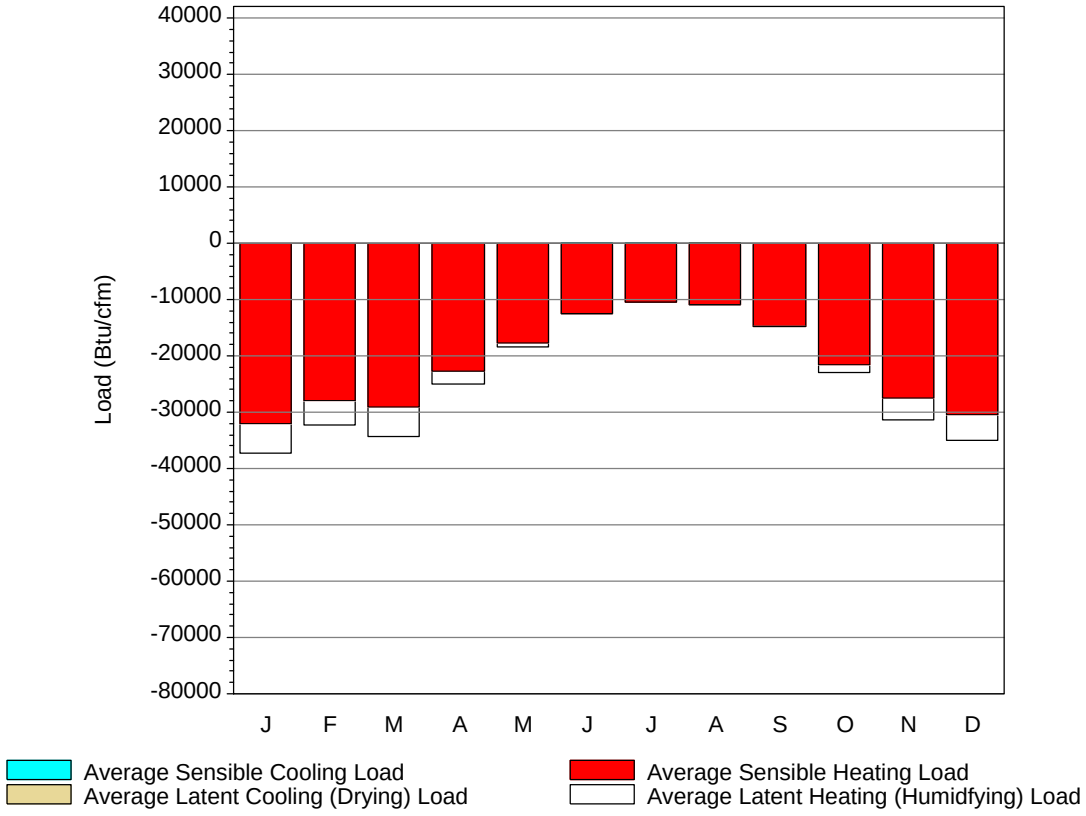
Week Ending	1.0% Temp (°F)	MCWB@ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB@ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	43	40.8	32.1	21.6	0	37.1	42.2	23.4	15.3
14-Jan	44	42.9	32.8	22.6	-1	38.5	42.2	24.9	16.8
21-Jan	45	42.6	35	25.2	-5	40.6	44	27.2	19
28-Jan	46	45.4	33	21.7	-6	42	44.8	24.8	16.2
4-Feb	43	40.7	34.4	23.8	-6	36.4	42.6	25.8	17.9
11-Feb	45	39.7	36.1	23.9	3	37.8	41.9	26.2	17.2
18-Feb	45	40.5	36.8	25	3	38.5	42.3	27.1	18.8
25-Feb	45	41.5	35.9	22	0	40.6	43.5	25	16.3
4-Mar	46	40.4	37.6	23.5	3	38.5	42.9	25.1	16.3
11-Mar	45	40.6	36.6	22.2	3	37.8	43.1	23.5	15.6
18-Mar	46	37.3	38	24.1	7	36.4	41.3	24.9	16.4
25-Mar	50	42.8	40.2	25.1	11	35	43.7	25.5	16.6
1-Apr	48	39	41	27.8	16	39.2	43.9	28.5	20
8-Apr	50	41.5	42.6	28.5	16	37.1	43.5	29.1	20.2
15-Apr	56	43.4	44.5	30.1	21	37.8	44.3	30.7	21.7
22-Apr	57	44.7	47	31.6	25	41.3	45.2	33.5	23.3
29-Apr	64	49.4	49.1	33.8	27	43.4	49.2	35.5	25.6
6-May	64	47.6	49.3	34.7	28	42.7	46.5	36.5	26.2
13-May	66	50.2	51	36.3	29	48.3	50.1	38.8	28.8
20-May	66	50	51.9	37.9	30	49.7	53	41.1	30.2
27-May	66	50.9	54	40.6	32	52.5	52.4	44.4	33.8
4-Jun	68	53.4	55.2	42.4	34	55.3	54.2	46.9	36.4
10-Jun	69	55.6	56.1	44	37	57.4	55.6	49.3	38.7
17-Jun	75	57.4	57.4	45.7	39	60.9	56.8	51	40.7
24-Jun	70	57.2	58	46.5	41	61.6	58.7	53.5	42.8
1-Jul	66	57.3	58.7	47.8	42	65.1	58.9	55.8	45
8-Jul	72	57.7	59.7	48.9	45	66.5	59.3	58.1	47.5
15-Jul	68	57.3	59.8	49.4	44	69.3	61.3	59.6	48.9
22-Jul	69	57.3	60.3	50.1	45	66.5	59.1	61.1	50
29-Jul	66	57.9	59.7	50.3	45	68.6	60.6	61.5	50.9
5-Aug	70	57.4	60.8	49.1	41	69.3	60.8	61.8	48.9
12-Aug	71	58	61.4	49	41	74.2	62.3	63.2	49.7
19-Aug	70	58.5	60.4	49.3	42	72.1	60.8	62.7	49.4
26-Aug	66	57.8	58.8	48.2	41	69.3	60.9	60.5	47.7
2-Sep	67	54.2	58.9	45.9	37	68.6	57.7	57.6	43.1
9-Sep	65	53.8	57.6	44.6	34	70	57.9	56.5	42.2
16-Sep	66	53.6	56.2	43.8	32	66.5	57.1	53.5	40.2
23-Sep	61	51.2	54.1	42.3	30	64.4	56.6	51	38
30-Sep	59	52.2	52.6	39.9	28	61.6	55.6	47.7	34.4
7-Oct	55	46.9	50.8	38.8	28	58.1	53	44.9	32.5
14-Oct	54	49.6	49	36.3	23	56.7	53.2	41	29.7
21-Oct	52	48.9	47	34.7	19	53.9	51.7	38.8	27.5
28-Oct	51	46.9	44.9	33.1	18	49.7	50.2	36.3	25.6
4-Nov	49	47.2	42.8	31.1	19	44.8	46.8	33.6	23
11-Nov	48	45.2	39.8	28.7	13	44.1	46.6	30.2	20.6
18-Nov	46	44.2	37.7	26.1	12	41.3	44.8	28.7	18.6
25-Nov	46	44.8	36.6	25.6	5	43.4	45.5	27.3	18.6
2-Dec	48	47	35.2	24.9	1	46.9	48.7	26.9	18.2
9-Dec	47	45.7	35.6	25.9	6	43.4	46.4	27.4	19
16-Dec	47	45.5	35.5	26.4	8	42.7	46.4	27.7	19
23-Dec	45	43.7	34.8	24.6	6	42	44.5	26.2	17.6
31-Dec	45	40.4	34	24.3	2	38.5	42.6	25.7	17.6

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	1140.1
FEB	0	0	988.8
MAR	0.2	0	1030.3
APR	8.4	0.1	789.4
MAY	35	1.4	594.9
JUN	94.8	3.7	395.4
JUL	165.1	2.9	311
AUG	160.7	3.4	324.8
SEP	59.6	0.7	475.7
OCT	4.9	0	740.6
NOV	0.1	0	969.6
DEC	0	0	1078.8
ANN	528.8	12.2	8839.4

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	-31962	0	-5234
FEB	0	-27827	0	-4409
MAR	0	-29117	0	-5107
APR	0	-22792	0	-2206
MAY	0	-17807	0	-470
JUN	10	-12542	0	-14
JUL	6	-10434	0	0
AUG	6	-10781	2	-7
SEP	0	-14654	0	-189
OCT	0	-21606	0	-1248
NOV	0	-27466	0	-3832
DEC	0	-30370	0	-4624
ANN	22	-257358	2	-27340

Station Information		Shading Geometry in Dimensionless Units	
City, State, WBAN	YAKUTAT, AK 25339	Window:	1.000
Lat, Lon, Elev	59.52N 139.67W 30ft	Overhang:	0.145
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	120	320	680	1110	1300	1390	1320	1070	700	350	160	76	720
	Std.Dev.	21	51	89	155	118	128	125	130	85	38	27	14	37
	Minimum	73	220	490	810	1090	1040	1140	850	540	280	120	51	640
	Maximum	150	430	900	1480	1550	1610	1680	1290	940	410	230	100	780
	Diffuse	89	220	440	670	800	910	860	670	450	250	110	60	460
Clear Day	Global	170	460	1030	1760	2320	2590	2430	1910	1220	600	220	110	1240
NORTH	Global	50	120	240	390	510	580	540	400	260	140	64	33	280
	Diffuse	50	120	240	380	460	520	490	380	250	140	64	33	260
Clear Day	Global	44	100	210	380	660	880	770	460	240	130	57	32	330
EAST	Global	100	250	490	750	800	810	760	660	470	260	130	67	460
	Diffuse	64	150	310	470	530	580	550	450	310	170	82	42	310
Clear Day	Global	230	510	950	1420	1700	1810	1730	1470	1070	630	290	170	1000
SOUTH	Global	360	600	860	970	880	830	830	820	710	500	390	260	670
	Diffuse	140	250	410	530	560	590	570	480	360	230	150	99	360
Clear Day	Global	1060	1630	2000	1950	1730	1610	1630	1790	1900	1710	1190	860	1590
WEST	Global	100	250	500	760	840	870	830	710	480	250	130	68	480
	Diffuse	64	160	310	470	540	590	560	450	310	170	81	43	310
Clear Day	Global	230	510	950	1420	1700	1810	1730	1470	1070	630	290	170	1000

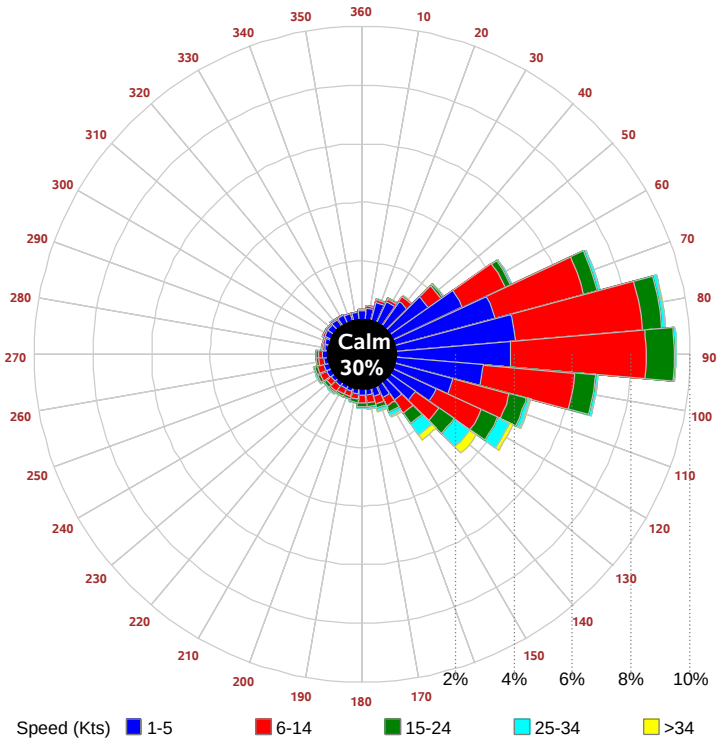
Average Annual Solar Radiation - Nearest Available Site Source: National Renewable Energy Laboratory, Golden CO, 1995

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	69	190	450	760	910	980	930	750	470	220	93	45	490
NORTH	Unshaded	35	84	170	270	340	400	360	270	180	97	45	23	190
	Shaded	33	81	160	260	330	380	350	270	170	94	44	22	180
EAST	Unshaded	69	170	350	530	570	570	540	470	330	180	88	42	330
	Shaded	68	170	340	520	560	560	530	460	330	170	87	42	320
SOUTH	Unshaded	280	450	630	680	600	570	570	570	510	370	300	200	480
	Shaded	280	450	620	670	590	550	550	560	500	370	300	200	470
WEST	Unshaded	69	170	350	540	600	620	590	510	340	180	89	43	340
	Shaded	68	170	350	530	590	610	580	500	330	170	88	43	340

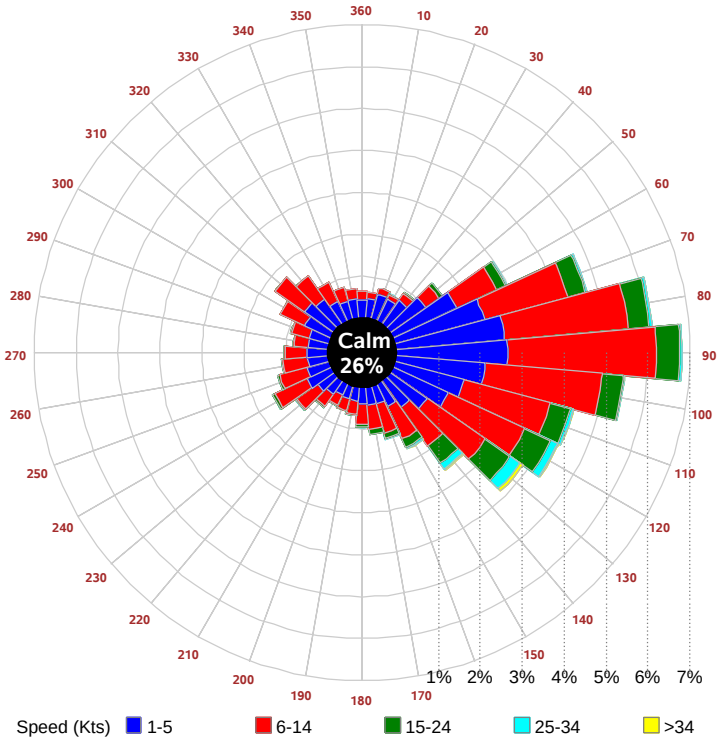
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS Percentage Uncertainty = 9											
				March					June		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	18	41	49	40	18	45	69	82	80	65
	M.Cloudy	12	26	31	24	12	24	37	42	46	37
NORTH	M.Clear	6	10	11	10	6	10	13	14	14	13
	M.Cloudy	5	11	12	10	6	10	15	16	17	14
EAST	M.Clear	54	51	11	10	6	81	71	34	14	13
	M.Cloudy	15	21	12	10	6	24	28	21	17	14
SOUTH	M.Clear	32	74	90	74	30	14	50	71	69	44
	M.Cloudy	10	26	33	25	11	11	23	30	33	23
WEST	M.Clear	6	10	12	52	53	10	13	14	42	76
	M.Cloudy	5	11	13	20	17	10	15	16	25	31
M.Clear	(% hrs)	18	18	18	17	18	9	9	10	11	11

				Sept					Dec		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	16	41	55	53	35	0	6	10	3	0
	M.Cloudy	9	21	27	27	19	0	4	7	2	0
NORTH	M.Clear	6	10	11	11	9	0	3	4	2	0
	M.Cloudy	4	9	11	11	8	0	2	3	1	0
EAST	M.Clear	51	62	29	11	9	0	14	4	2	0
	M.Cloudy	11	19	14	11	8	0	4	3	1	0
SOUTH	M.Clear	18	59	85	80	48	0	29	44	18	0
	M.Cloudy	6	19	25	26	16	0	6	10	3	0
WEST	M.Clear	6	10	11	40	65	0	3	7	11	0
	M.Cloudy	4	9	11	17	19	0	2	4	2	0
M.Clear	(% hrs)	14	13	12	13	14	21	16	16	17	19

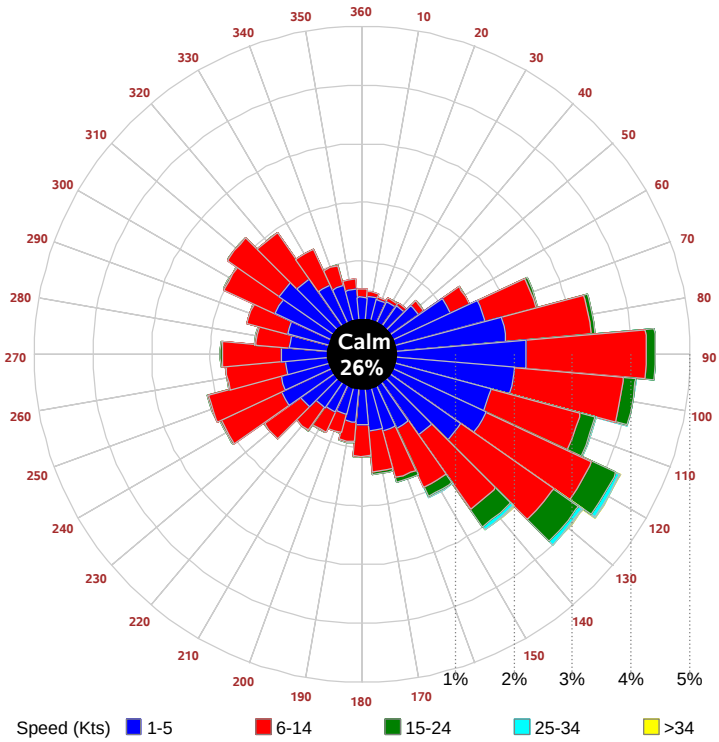
Wind Summary - December, January, and February



Wind Summary - March, April, and May



Wind Summary - June, July, and August



Wind Summary - September, October, and November