

MONTAGUE/SISKIYOU CA

Latitude = 41.78 N

WMO No. 725955

Longitude = 122.40 W

Elevation = 2648 feet

Period of Record = 1973 to 1995

Average Pressure = 27.25 inches Hg

Design Criteria Data

	Design Value	Mean Coincident (Average) Values			
		Wet Bulb Temperature (°F)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Dry Bulb Temperature (T)	(°F)				
Median of Extreme Highs	101	66	50	6.8	N
0.4% Occurrence	96	65	51	7.7	N
1.0% Occurrence	93	63	48	7.7	N
2.0% Occurrence	90	63	49	7.5	N
Mean Daily Range	25	-	-	-	-
97.5% Occurrence	24	23	16	2.1	N
99.0% Occurrence	19	18	13	2.0	N
99.6% Occurrence	15	14	10	2.1	N
Median of Extreme Lows	8	8	7	1.9	NNE
	Design Value	Mean Coincident (Average) Values			
		Dry Bulb Temperature (°F)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Wet Bulb Temperature (T_{wb})	(°F)				
Median of Extreme Highs	70	92	82	6.7	N
0.4% Occurrence	67	90	69	7.0	N
1.0% Occurrence	65	88	62	6.9	N
2.0% Occurrence	64	87	60	6.9	N
	Design Value	Mean Coincident (Average) Values			
		Dry Bulb Temperature (°F)	Vapor Pressure (in. Hg)	Wind Speed (mph)	Prevailing Direction (NSEW)
Humidity Ratio (HR)	(gr/lb)				
Median of Extreme Highs	95	77	0.58	6.8	S
0.4% Occurrence	82	75	0.50	6.1	SW
1.0% Occurrence	74	75	0.45	5.6	N
2.0% Occurrence	69	75	0.42	5.8	N
Air Conditioning/ Humid Area Criteria	# of Hours	T ≥ 93°F	T ≥ 80°F	T _{wb} ≥ 73°F	T _{wb} ≥ 67°F
		98	811	2	48

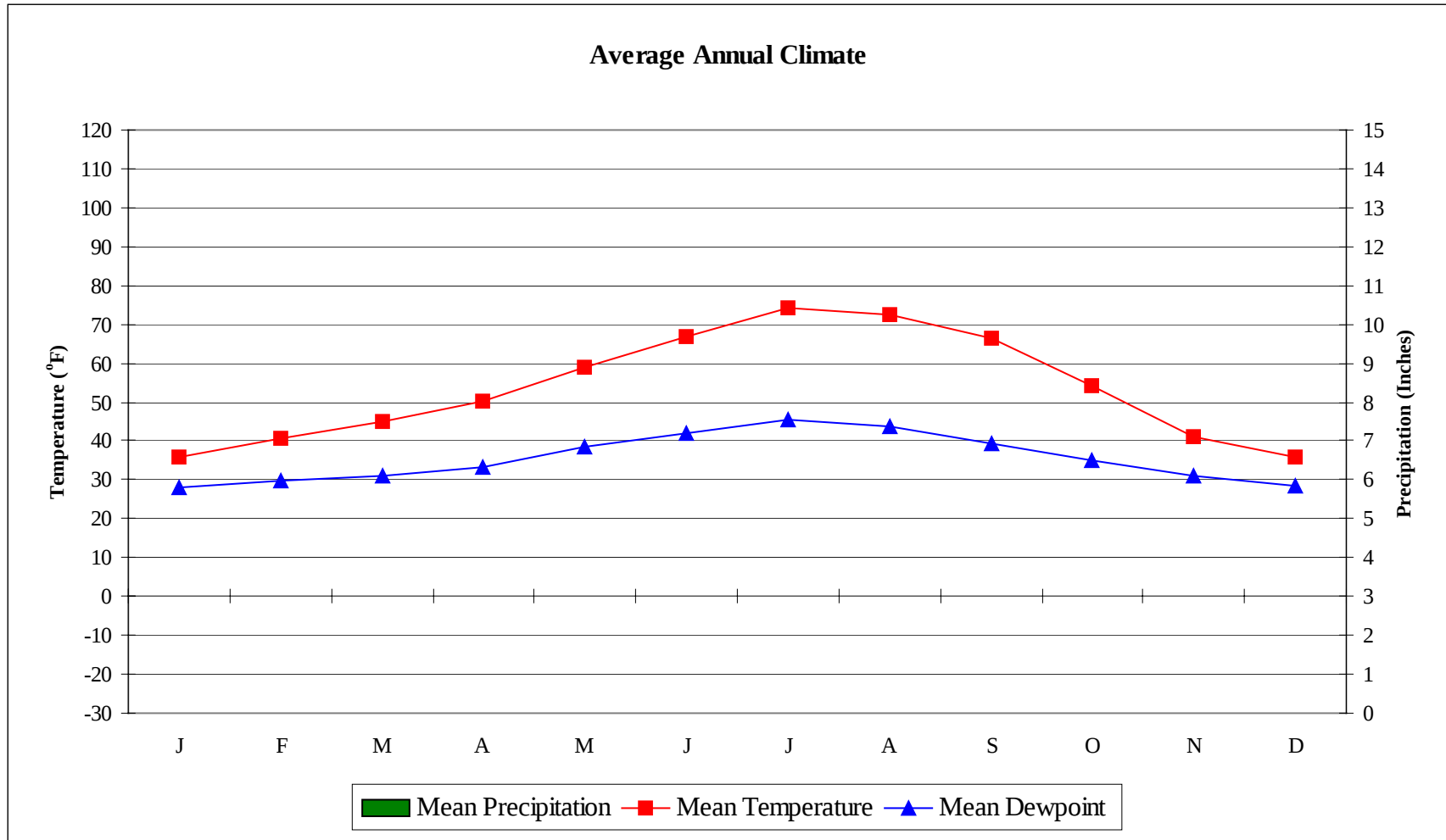
Other Site Data

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
7	1.5	85	0.0 + 0.6
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 (#)
55.5	N/A	N/A	81

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

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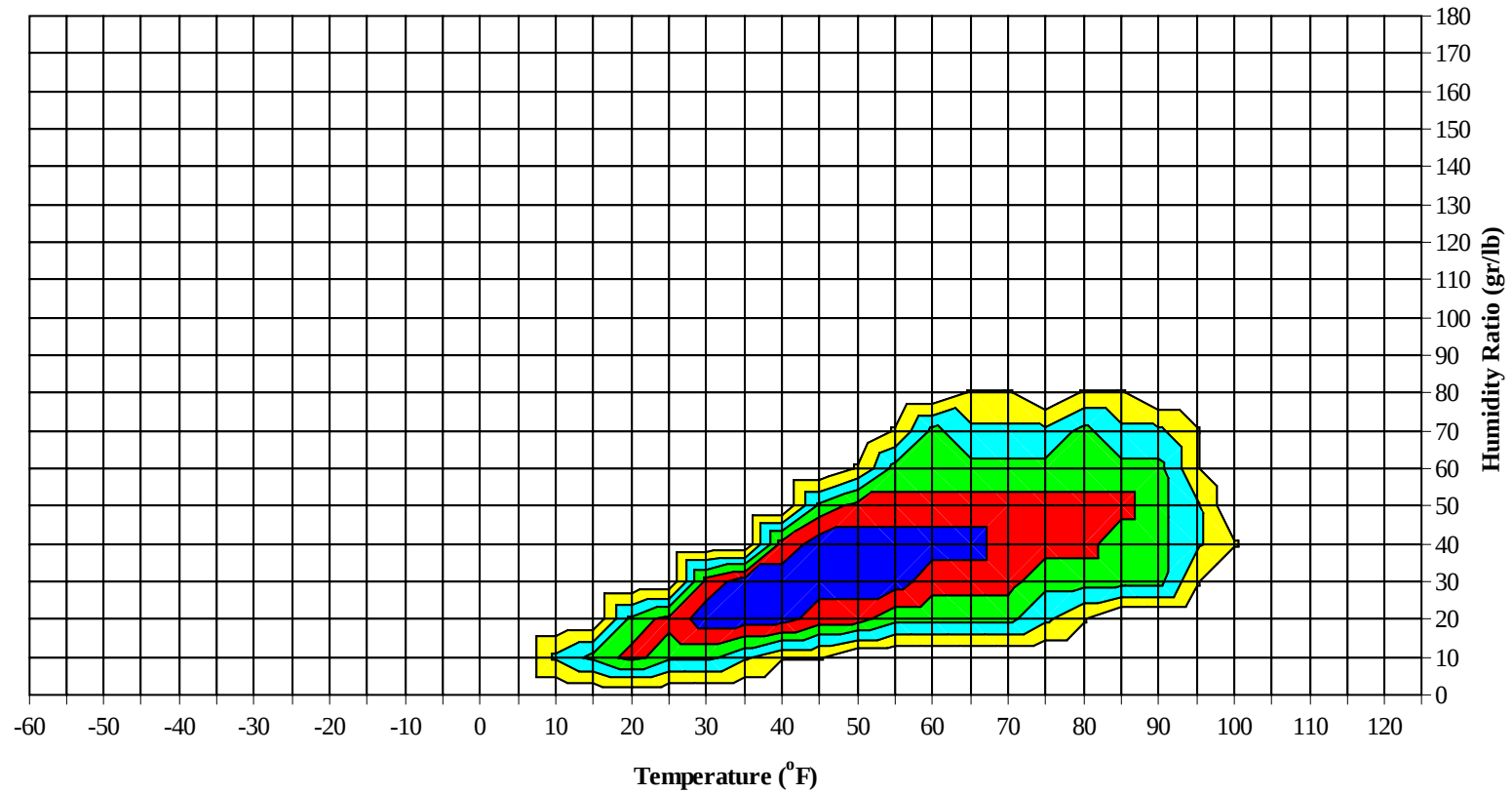


No Precipitation Data Available

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Long Term Psychrometric Summary

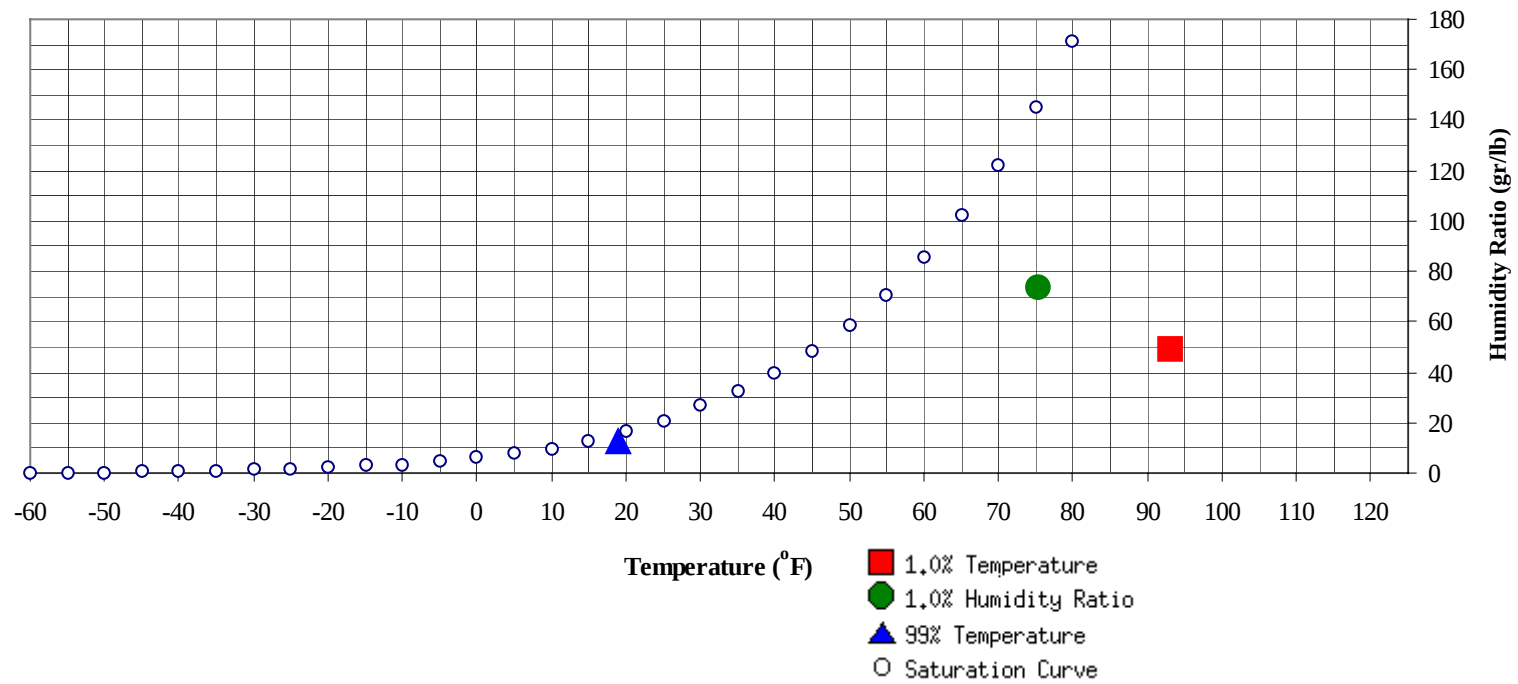


- 50% of all observations
- 80% of all observations
- 95% of all observations
- 97.5% of all observations
- 99% of all observations

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Psychrometric Summary of Peak Design Values



99% Dry Bulb	(°F)	MCHR (gr/lb)	Enthalpy (btu/lb)	1.0% Humidity Ratio	(gr/lb)	MCDB (°F)	MCWB (°F)	MC Dewpt (°F)	Enthalpy (btu/lb)
	19	12.5	6.5		73.5	75.4	62.7	56	29.6

1.0% Dry Bulb	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
	93	48.9	63.5	30.0

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Dry-Bulb Temperature Hours For An Average Year (Sheet 1 of 5)

Period of Record = 1973 to 1995

Temperature Range (°F)	January					February					March				
	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00		
105 / 109															
100 / 104															
95 / 99															
90 / 94															
85 / 89															
80 / 84															
75 / 79							0		0	50.0		0	0	0	53.2
70 / 74							0	0	0	51.0		3	1	4	52.5
65 / 69							3	1	4	50.1		9	5	14	50.4
60 / 64		1		1	49.6		9	3	12	48.4	0	18	9	28	47.9
55 / 59		6	1	7	46.8	0	19	7	26	45.7	0	33	17	50	45.7
50 / 54	4	22	7	33	44.2	3	40	20	62	43.5	3	56	33	92	43.3
45 / 49	11	40	27	78	40.9	11	50	47	108	40.6	23	60	57	140	40.7
40 / 44	20	48	37	105	37.4	26	46	57	130	37.6	44	44	65	153	37.4
35 / 39	33	54	59	147	33.7	50	32	46	128	33.9	67	18	41	127	33.8
30 / 34	64	44	64	172	30.2	51	16	26	94	29.9	67	4	17	88	30.0
25 / 29	50	24	37	111	25.7	42	6	11	60	25.0	31	1	2	34	25.5
20 / 24	39	7	10	57	21.0	28	2	3	33	20.7	11	0	1	12	21.1
15 / 19	18	1	3	23	16.6	8	1	1	10	15.4	1	0		1	16.7
10 / 14	6	1	1	7	11.4	3	0	0	3	11.1	1			1	10.7
5 / 9	3	0	0	3	7.4	1	0	0	1	7.0	0			0	8.0
0 / 4	0			0	2.3	0	0	0	0	2.0					
-5 / -1															

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.

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Dry-Bulb Temperature Hours For An Average Year (Sheet 2 of 5)

Period of Record = 1973 to 1995

Temperature Range (°F)	April					May					June				
	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00		
105 / 109															
100 / 104															
95 / 99							0		0	64.0		0	0	0	64.7
90 / 94							2	1	3	63.0	0	12	6	17	62.5
85 / 89							6	3	8	62.1	0	23	17	40	61.2
80 / 84		1	0	1	62.5		14	10	24	59.4	0	32	24	56	59.3
75 / 79		6	2	9	55.8	0	24	14	38	57.1	1	38	28	67	57.4
70 / 74		14	7	21	53.1	1	35	25	61	54.7	8	41	37	86	55.4
65 / 69		25	15	39	50.5	6	41	31	78	52.3	21	37	42	100	53.5
60 / 64	1	34	19	55	48.5	14	44	39	97	50.0	37	26	32	96	51.4
55 / 59	5	44	25	74	46.0	26	38	39	104	47.4	51	19	25	95	49.0
50 / 54	20	52	47	118	43.6	50	29	41	120	45.0	58	8	16	82	46.3
45 / 49	42	40	56	138	41.0	65	14	27	105	42.1	39	1	10	50	43.0
40 / 44	58	20	40	117	37.8	50	3	14	67	38.6	19	0	3	22	39.3
35 / 39	59	4	22	85	34.1	25	0	3	28	34.7	6	0	0	6	35.1
30 / 34	39	1	6	46	30.4	10		0	10	31.0	0			0	31.0
25 / 29	13		0	13	25.6	0			0	27.2					
20 / 24	3			3	21.8										
15 / 19	0			0	17.0										
10 / 14															
5 / 9															
0 / 4															
-5 / -1															

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Dry-Bulb Temperature Hours For An Average Year (Sheet 3 of 5)

Period of Record = 1973 to 1995

Temperature Range (°F)	July					August					September				
	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00		
105 / 109		0		0	65.0		0	0	0	66.0					
100 / 104		2	1	3	66.7		3	1	5	66.0		0		0	65.5
95 / 99		15	9	24	65.4		8	5	13	64.7		2	1	3	62.3
90 / 94		31	20	51	63.8		28	16	44	62.8		12	5	17	61.6
85 / 89	0	42	36	79	62.4		39	30	69	61.5		28	13	41	60.2
80 / 84	1	49	42	92	60.6	0	47	37	83	59.6	0	36	21	57	58.4
75 / 79	7	42	42	91	58.9	4	42	41	87	58.0	0	36	26	63	56.7
70 / 74	22	33	34	88	56.6	16	38	37	90	56.2	1	39	38	78	54.7
65 / 69	42	21	30	93	55.0	29	27	37	93	54.5	9	36	39	84	52.7
60 / 64	58	11	22	91	53.0	54	13	27	94	52.4	23	29	42	95	50.9
55 / 59	65	3	9	78	50.4	60	4	14	78	49.3	45	15	30	90	48.2
50 / 54	38	0	3	40	47.3	54	0	3	57	46.2	67	6	18	91	45.1
45 / 49	13			13	43.8	25		0	25	42.8	56	1	4	61	41.5
40 / 44	1			1	38.8	5			5	39.2	27	0	1	28	37.7
35 / 39	0			0	34.5	0			0	37.0	10	0	0	10	34.1
30 / 34											2	0		2	30.1
25 / 29															
20 / 24															
15 / 19															
10 / 14															
5 / 9															
0 / 4															
-5 / -1															

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Dry-Bulb Temperature Hours For An Average Year (Sheet 4 of 5)

Period of Record = 1973 to 1995

Temperature Range (°F)	October					November					December				
	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00		
105 / 109															
100 / 104															
95 / 99															
90 / 94		1		1	62.6										
85 / 89		3	1	4	60.4										
80 / 84		9	1	10	58.0										
75 / 79		18	5	23	55.6										
70 / 74	0	29	11	40	53.5		1		1	54.6					
65 / 69	1	37	18	56	51.3		5	0	5	52.2					
60 / 64	2	40	29	71	49.3	0	14	2	16	49.9		1		1	48.6
55 / 59	9	43	43	94	47.2	3	23	7	33	47.0		4	1	5	47.5
50 / 54	24	39	56	119	44.5	7	40	25	71	44.6	4	20	8	32	44.3
45 / 49	45	20	45	110	41.6	18	52	39	109	41.5	11	42	23	76	41.5
40 / 44	58	7	29	94	37.9	26	49	53	127	37.7	26	61	43	130	38.2
35 / 39	60	1	9	70	33.7	48	34	54	136	34.1	39	55	59	154	34.0
30 / 34	36	1	1	38	29.7	60	16	38	114	30.2	58	37	62	157	30.1
25 / 29	11		0	11	25.6	37	6	14	56	25.5	39	17	31	87	25.7
20 / 24	1		0	1	21.4	30	1	6	36	20.8	38	7	14	59	21.0
15 / 19	0			0	18.0	8	0	1	9	15.8	24	2	5	31	16.4
10 / 14						3	0	1	4	11.5	5	1	2	8	11.3
5 / 9						1			1	6.6	3	0	0	3	7.1
0 / 4						0			0	3.0	1	0	0	1	1.2
-5 / -1											0			0	-2.8

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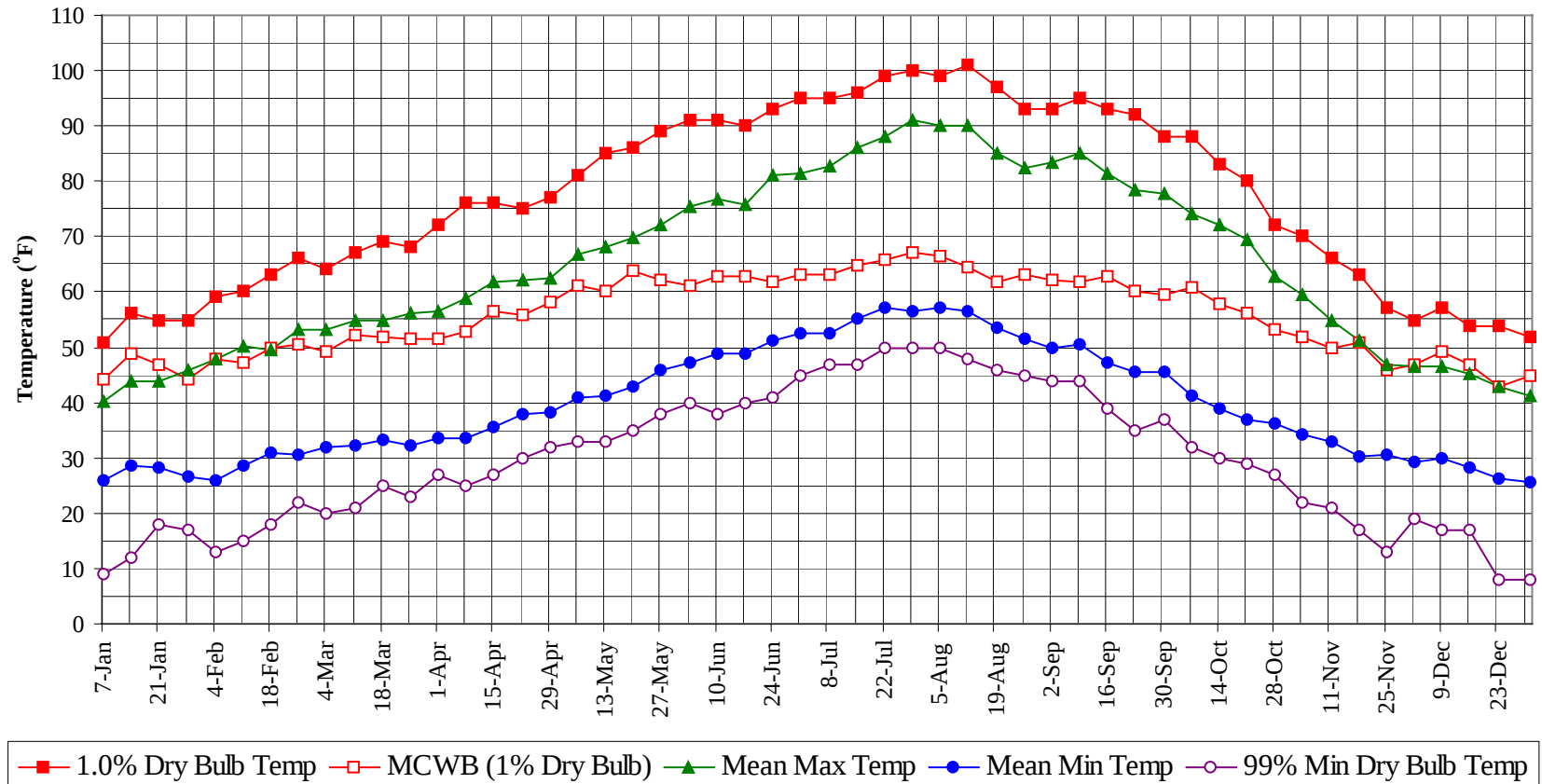
Dry-Bulb Temperature Hours For An Average Year (Sheet 5 of 5)

Period of Record = 1973 to 1995

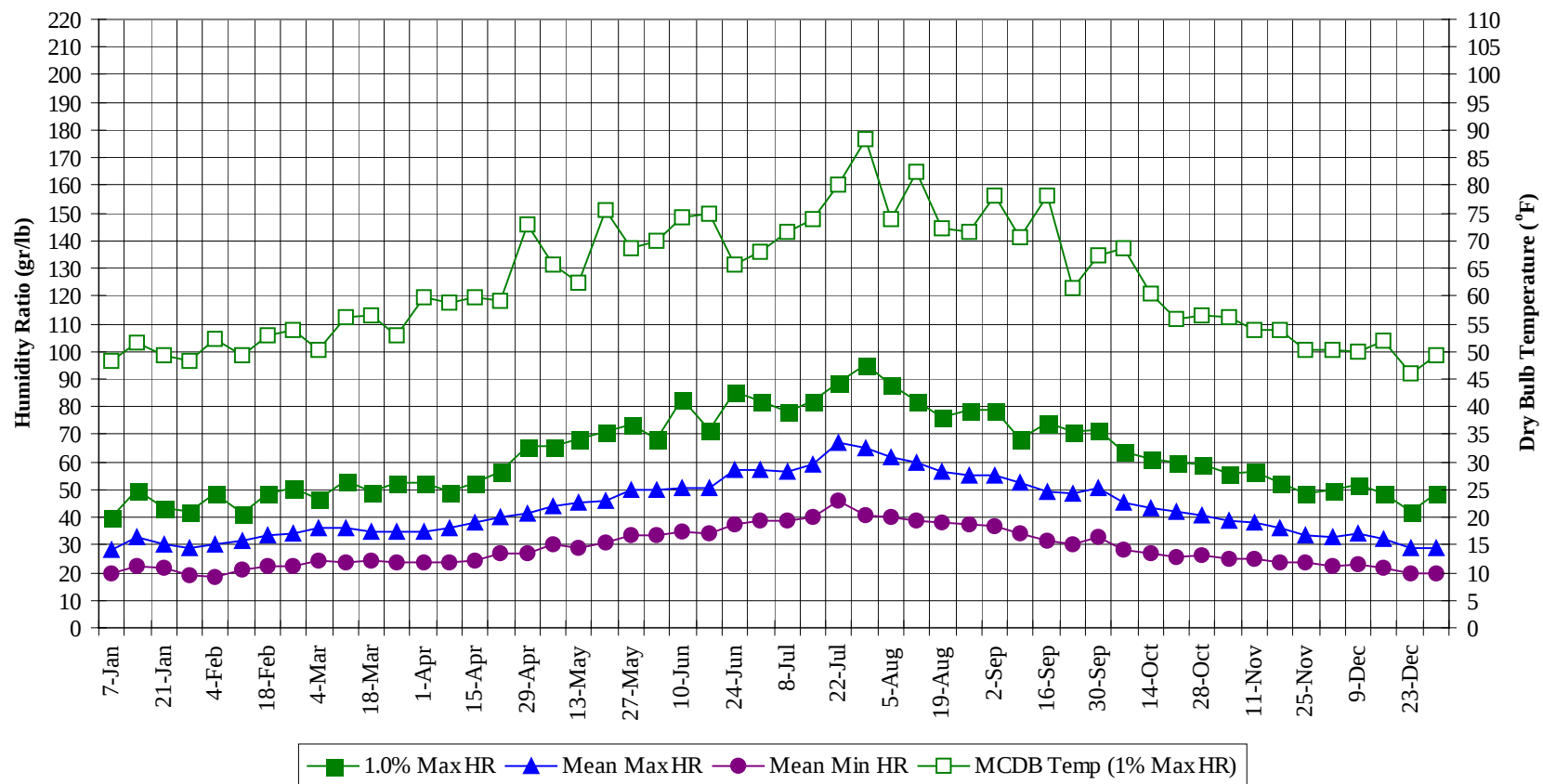
Annual Totals					
Temperature Range (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00		
105 / 109		0	0	0	65.8
100 / 104		6	2	8	66.2
95 / 99		26	14	40	64.8
90 / 94	0	83	45	127	63.0
85 / 89	0	137	87	224	61.5
80 / 84	1	182	119	303	59.5
75 / 79	13	204	141	358	57.5
70 / 74	49	228	169	445	55.2
65 / 69	109	238	194	541	52.9
60 / 64	193	238	208	639	50.5
55 / 59	270	252	206	728	47.6
50 / 54	338	312	280	929	44.5
45 / 49	362	325	352	1039	41.3
40 / 44	363	282	369	1015	37.8
35 / 39	395	204	327	926	33.9
30 / 34	380	122	241	743	30.1
25 / 29	216	55	109	381	25.6
20 / 24	144	18	39	201	20.9
15 / 19	60	4	10	74	16.2
10 / 14	17	2	6	25	11.3
5 / 9	9	1	1	11	7.2
0 / 4	3	0	0	3	1.7
-5 / -1	0			0	-2.8
				</	

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Annual Summary of Temperatures



Long Term Humidity and Dry Bulb Temperature Summary

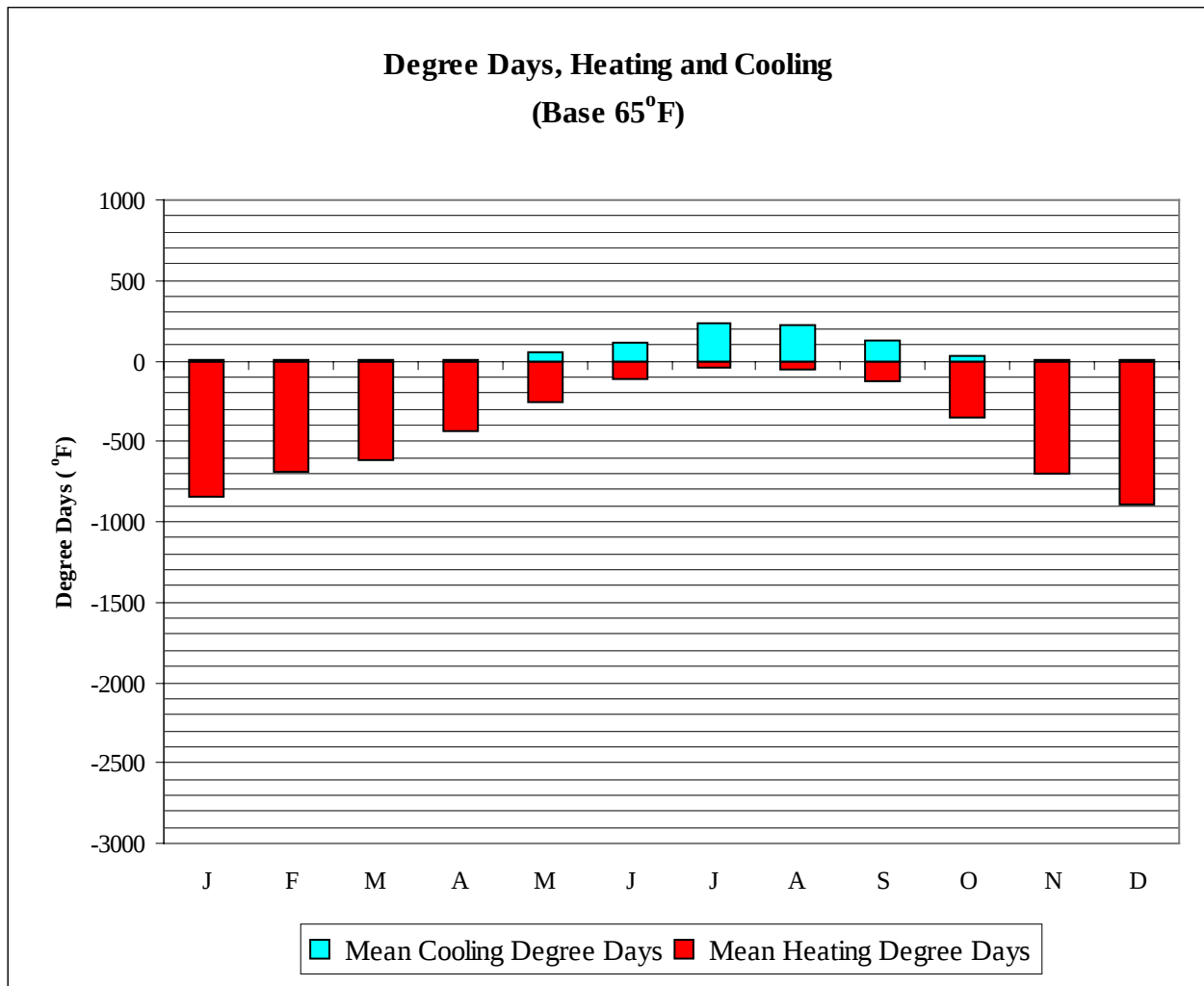


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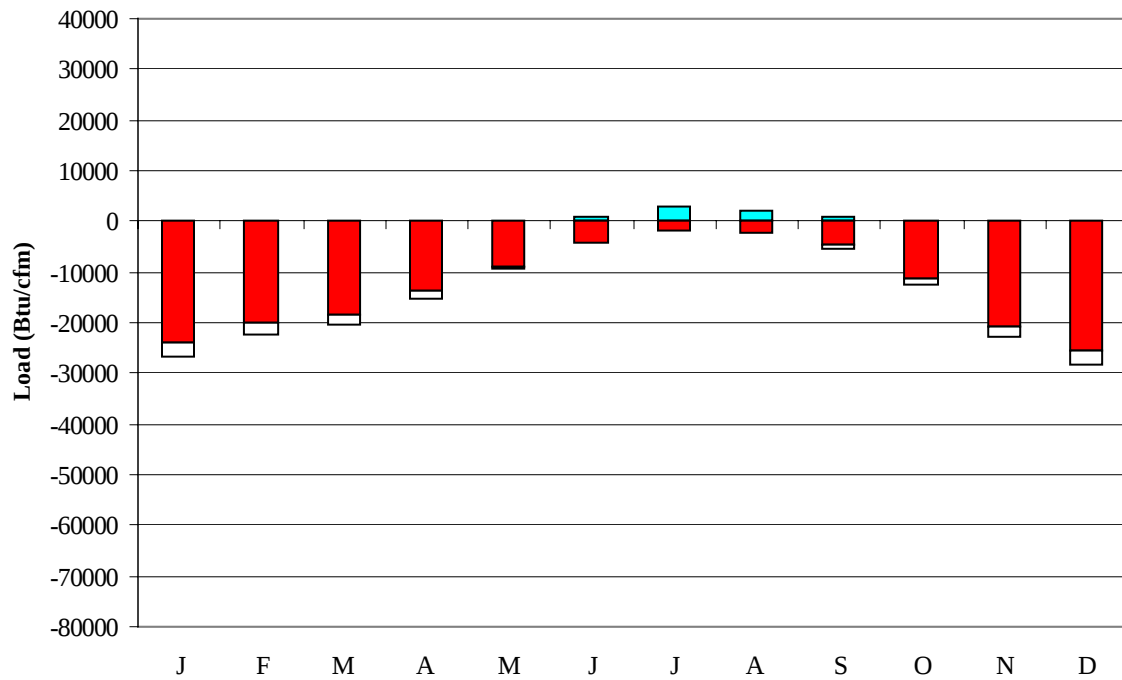
Long Term Dry Bulb Temperature and Humidity Summary

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	51.0	44.2	40.3	26.1	9.0	39.9	48.3	28.0	19.6
14-Jan	56.0	48.7	44.0	28.6	12.0	49.7	51.4	32.7	22.6
21-Jan	55.0	47.0	44.0	28.2	18.0	43.4	49.1	30.4	21.5
28-Jan	55.0	44.1	46.0	26.5	17.0	42.0	48.2	29.0	19.1
4-Feb	59.0	47.7	47.8	26.0	13.0	48.3	52.1	30.0	18.7
11-Feb	60.0	47.1	50.0	28.6	15.0	41.3	49.3	31.3	21.1
18-Feb	63.0	49.8	49.7	30.8	18.0	48.3	52.9	33.5	22.5
25-Feb	66.0	50.5	53.0	30.5	22.0	50.4	53.7	34.1	22.6
4-Mar	64.0	49.3	53.2	31.9	20.0	46.9	50.2	35.9	24.3
11-Mar	67.0	52.3	54.9	32.2	21.0	53.2	56.0	35.8	23.9
18-Mar	69.0	51.8	54.8	33.1	25.0	49.0	56.4	34.8	24.2
25-Mar	68.0	51.5	56.1	32.4	23.0	52.5	52.7	34.8	23.6
1-Apr	72.0	51.7	56.5	33.5	27.0	52.5	59.8	35.0	23.4
8-Apr	76.0	53.0	59.0	33.6	25.0	49.0	58.9	36.0	23.5
15-Apr	76.0	56.5	61.7	35.6	27.0	52.5	59.8	38.2	24.4
22-Apr	75.0	55.7	62.0	37.8	30.0	56.7	59.2	40.2	27.2
29-Apr	77.0	58.0	62.5	38.2	32.0	65.8	72.8	41.2	27.2
6-May	81.0	61.0	66.6	41.0	33.0	65.8	65.7	44.3	30.0
13-May	85.0	60.1	68.2	41.2	33.0	68.6	62.3	45.3	29.0
20-May	86.0	63.7	69.7	43.0	35.0	70.7	75.6	46.3	30.9
27-May	89.0	62.0	72.2	45.9	38.0	73.5	68.8	49.9	33.4
3-Jun	91.0	61.3	75.5	47.1	40.0	68.6	70.0	49.9	33.4
10-Jun	91.0	62.9	76.7	48.7	38.0	82.6	74.3	50.9	34.8
17-Jun	90.0	62.7	75.8	48.8	40.0	71.4	74.9	50.3	34.0
24-Jun	93.0	61.8	81.2	51.1	41.0	85.4	65.7	56.8	37.2
1-Jul	95.0	63.0	81.5	52.4	45.0	81.9	68.0	57.4	38.9
8-Jul	95.0	63.0	82.8	52.6	47.0	78.4	71.6	56.8	38.6
15-Jul	96.0	64.7	86.1	55.1	47.0	81.9	74.0	59.2	39.9
22-Jul	99.0	65.8	88.1	57.0	50.0	88.9	80.1	67.2	45.7
29-Jul	100.0	67.0	91.2	56.6	50.0	95.2	88.3	64.7	41.0
5-Aug	99.0	66.5	90.0	57.2	50.0	88.2	74.0	61.6	39.9
12-Aug	101.0	64.6	90.1	56.5	48.0	81.9	82.3	59.8	39.0
19-Aug	97.0	61.8	85.0	53.4	46.0	76.3	72.2	56.5	38.3
26-Aug	93.0	63.3	82.5	51.5	45.0	79.1	71.7	55.1	37.3
2-Sep	93.0	62.3	83.4	49.9	44.0	79.1	78.1	55.5	36.6
9-Sep	95.0	61.7	85.1	50.5	44.0	68.6	70.4	52.7	34.1
16-Sep	93.0	62.7	81.4	47.3	39.0	74.2	78.0	49.1	31.3
23-Sep	92.0	60.1	78.5	45.5	35.0	70.7	61.6	48.7	30.4
30-Sep	88.0	59.6	77.7	45.5	37.0	71.4	67.3	50.6	33.0
7-Oct	88.0	60.8	74.0	41.2	32.0	63.7	68.6	45.3	28.3
14-Oct	83.0	57.9	72.1	38.8	30.0	60.9	60.5	43.5	26.9
21-Oct	80.0	56.0	69.5	36.8	29.0	59.5	55.7	42.0	25.7
28-Oct	72.0	53.3	62.8	36.2	27.0	58.8	56.5	40.6	26.5
4-Nov	70.0	51.9	59.3	34.2	22.0	56.0	56.2	38.8	25.0
11-Nov	66.0	49.8	55.0	33.1	21.0	56.7	53.8	37.9	25.2
18-Nov	63.0	50.8	51.2	30.3	17.0	52.5	53.9	35.9	23.5
25-Nov	57.0	45.8	47.0	30.5	13.0	48.3	50.1	33.4	23.4
2-Dec	55.0	46.8	46.4	29.3	19.0	49.7	50.3	33.0	22.3
9-Dec	57.0	49.1	46.7	29.9	17.0	51.8	49.9	34.5	23.2
16-Dec	54.0	46.8	45.3	28.2	17.0	48.3	51.7	32.0	21.5
23-Dec	54.0	42.8	43.0	26.3	8.0	42.0	46.0	28.9	19.8
31-Dec	52.0	44.7	41.2	25.7	8.0	48.3	49.1	28.8	19.7



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	0	842
FEB	0	685
MAR	1	618
APR	9	440
MAY	50	259
JUN	119	110
JUL	233	42
AUG	217	52
SEP	120	124
OCT	27	352
NOV	0	704
DEC	0	892
ANN	776	5120

Average Ventilation and Infiltration Loads
(Outside Air vs. 75°F, 60% RH summer; 68°F, 30% RH winter)



■ Average Sensible Cooling Load	■ Average Sensible Heating Load
■ Average Latent Cooling (Drying) Load	■ Average Latent Heating (Humidifying) Load

	Average Sensible Cooling Load	Average Sensible Heating Load	Average Latent Cooling Load	Average Latent Heating Load
	(Btu/cfm)	(Btu/cfm)	(Btu/cfm)	(Btu/cfm)
JAN	0	-24109	0	-2610
FEB	0	-20037	0	-2160
MAR	0	-18555	0	-1979
APR	18	-13724	2	-1463
MAY	300	-8761	0	-593
JUN	998	-4085	2	-261
JUL	2718	-1808	23	-98
AUG	2172	-2123	5	-159
SEP	1110	-4619	6	-584
OCT	140	-11299	0	-1177
NOV	0	-20685	0	-2094
DEC	0	-25563	0	-2806
ANN	7456	-155368	38	-15984

Average Annual Solar Radiation – Nearest Available Site

(Source: National Renewable Energy Laboratory, Golden CO, 1995)

City: MEDFORD
 State: OR
 WBAN No: 24225
 Lat(N): 42.37
 Long(W): 122.87
 Elev(ft): 1299

Stn Type: Primary
 SHADING GEOMETRY IN DIMENSIONLESS UNITS
 Window: 1
 Overhang: 0.602
 Vert Gap: 0.329

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	470	750	1160	1640	2060	2310	2450	2110	1640	1050	530	390	1380
	Std Dev	64	97	123	148	147	138	115	150	115	112	67	43	41
	Minimum	360	560	910	1360	1740	2040	2250	1720	1420	810	370	290	1260
	Maximum	590	950	1400	1930	2360	2600	2600	2360	1860	1280	670	460	1440
	Diffuse	300	410	560	690	730	710	540	530	450	400	340	270	490
Clear Day	Global	780	1130	1660	2200	2580	2720	2640	2320	1830	1280	850	680	1730
NORTH	Global	170	240	340	450	570	670	640	490	360	270	190	150	380
	Diffuse	170	240	340	430	500	530	490	440	360	270	190	150	340
Clear Day	Global	160	220	300	410	590	710	660	470	330	240	170	150	370
EAST	Global	280	450	690	960	1170	1290	1410	1250	1020	650	300	230	810
	Diffuse	200	290	410	540	600	620	580	540	450	340	220	170	410
Clear Day	Global	610	830	1120	1390	1540	1580	1550	1430	1210	920	670	550	1120
SOUTH	Global	680	940	1080	1100	990	930	1020	1200	1410	1260	690	550	990
	Diffuse	290	390	490	560	570	560	530	520	490	430	310	260	450
Clear Day	Global	1790	1930	1850	1500	1170	1010	1070	1340	1700	1900	1830	1720	1560
WEST	Global	330	500	720	980	1180	1300	1430	1270	1050	710	370	270	840
	Diffuse	210	300	420	540	600	630	580	550	450	340	230	180	420
Clear Day	Global	610	830	1120	1390	1540	1580	1550	1430	1210	920	670	550	1120

Average Annual Solar Heat and Illumination – Nearest Available Site

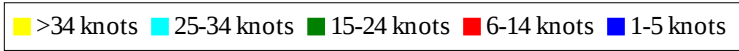
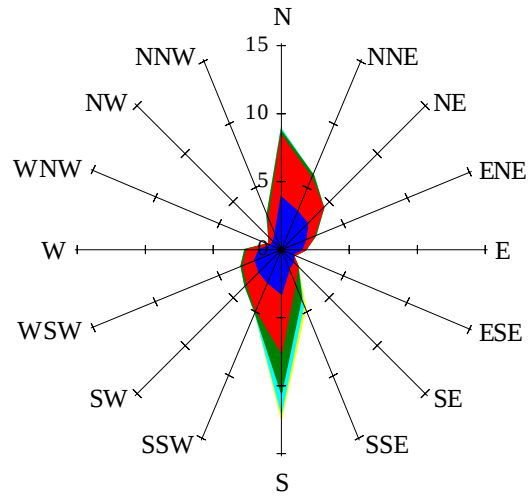
(Source: National Renewable Energy Laboratory, Golden CO, 1995)

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	310	510	820	1180	1500	1690	1800	1540	1170	720	350	250	990
NORTH	Unshaded	120	170	230	300	370	430	400	320	250	190	130	100	250
	Shaded	99	140	200	270	330	380	360	290	230	170	110	86	220
EAST	Unshaded	190	310	490	680	830	920	1010	900	730	450	200	150	570
	Shaded	160	270	410	570	690	750	840	750	620	390	170	130	480
SOUTH	Unshaded	510	690	760	730	610	550	600	760	960	920	510	420	670
	Shaded	480	630	580	440	350	350	330	390	650	790	480	390	490
WEST	Unshaded	230	350	510	690	840	930	1020	910	740	500	250	190	600
	Shaded	200	300	430	580	700	770	860	770	640	440	220	160	510

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	36	69	81	65	29	48	84	103	99	75
	M.Cloudy	20	42	51	41	17	31	59	77	73	52
NORTH	M.Clear	9	14	15	13	8	18	15	16	16	14
	M.Cloudy	8	14	16	14	7	14	17	19	19	16
EAST	M.Clear	72	59	15	13	8	84	76	34	16	14
	M.Cloudy	25	32	16	14	7	39	49	30	19	16
SOUTH	M.Clear	37	74	86	70	31	11	34	51	48	25
	M.Cloudy	16	37	47	36	14	11	27	41	38	21
WEST	M.Clear	9	14	19	65	70	11	15	16	49	83
	M.Cloudy	8	14	18	34	25	11	17	19	39	50
M.Clear	(% hrs)	23	25	24	23	23	52	54	55	54	52
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	26	64	84	79	51	9	34	41	26	2
	M.Cloudy	15	41	60	55	33	5	17	22	14	2
NORTH	M.Clear	8	13	15	14	11	4	9	10	8	1
	M.Cloudy	6	14	17	16	11	2	8	9	6	1
EAST	M.Clear	67	73	31	14	11	27	37	10	8	1
	M.Cloudy	24	38	26	16	11	5	12	9	6	1
SOUTH	M.Clear	20	58	80	74	45	24	73	85	61	5
	M.Cloudy	10	33	52	48	25	5	17	24	17	1
WEST	M.Clear	8	13	15	51	79	4	9	18	44	7
	M.Cloudy	6	14	17	35	40	2	8	11	14	2
M.Clear	(% hrs)	62	66	67	66	64	8	10	13	17	17

Wind Summary - December, January, and February

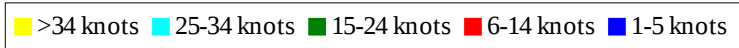
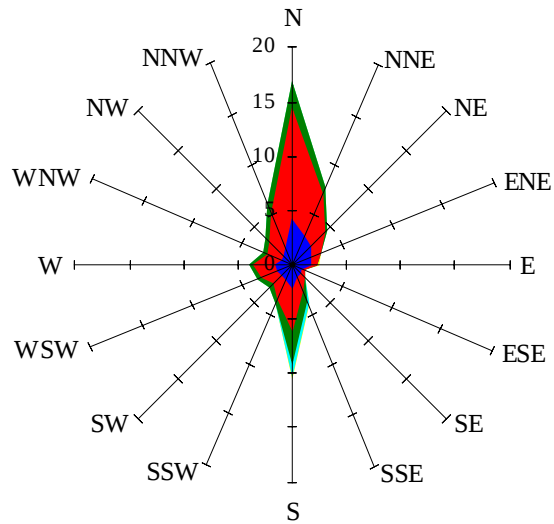
Labels of Percent Frequency on North Axis



Percent Calm = 38.09

Wind Summary - March, April, and May

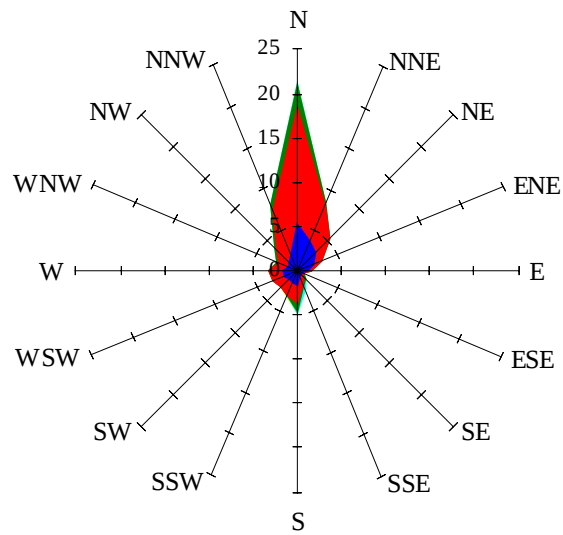
Labels of Percent Frequency on North Axis



Percent Calm = 23.83

Wind Summary - June, July, and August

Labels of Percent Frequency on North Axis

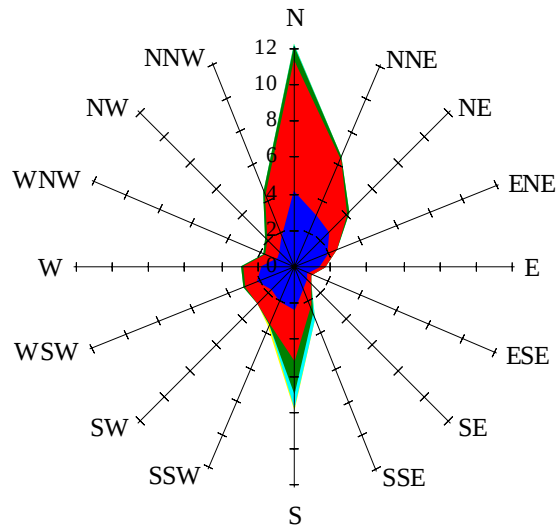


■ >34 knots
 ■ 25-34 knots
 ■ 15-24 knots
 ■ 6-14 knots
 ■ 1-5 knots

Percent Calm = 26.52

Wind Summary - September, October, and November

Labels of Percent Frequency on North Axis



■ >34 knots
 ■ 25-34 knots
 ■ 15-24 knots
 ■ 6-14 knots
 ■ 1-5 knots

Percent Calm = 39.83