CRESCENT CITY CA	
Latitude = 41.78 N	WMO No. 725946
Longitude =124.20 W	Elevation = 56 feet
Period of Record = 1973 to 1996	Average Pressure = 29.96 inches Hg

Design Criteria Data

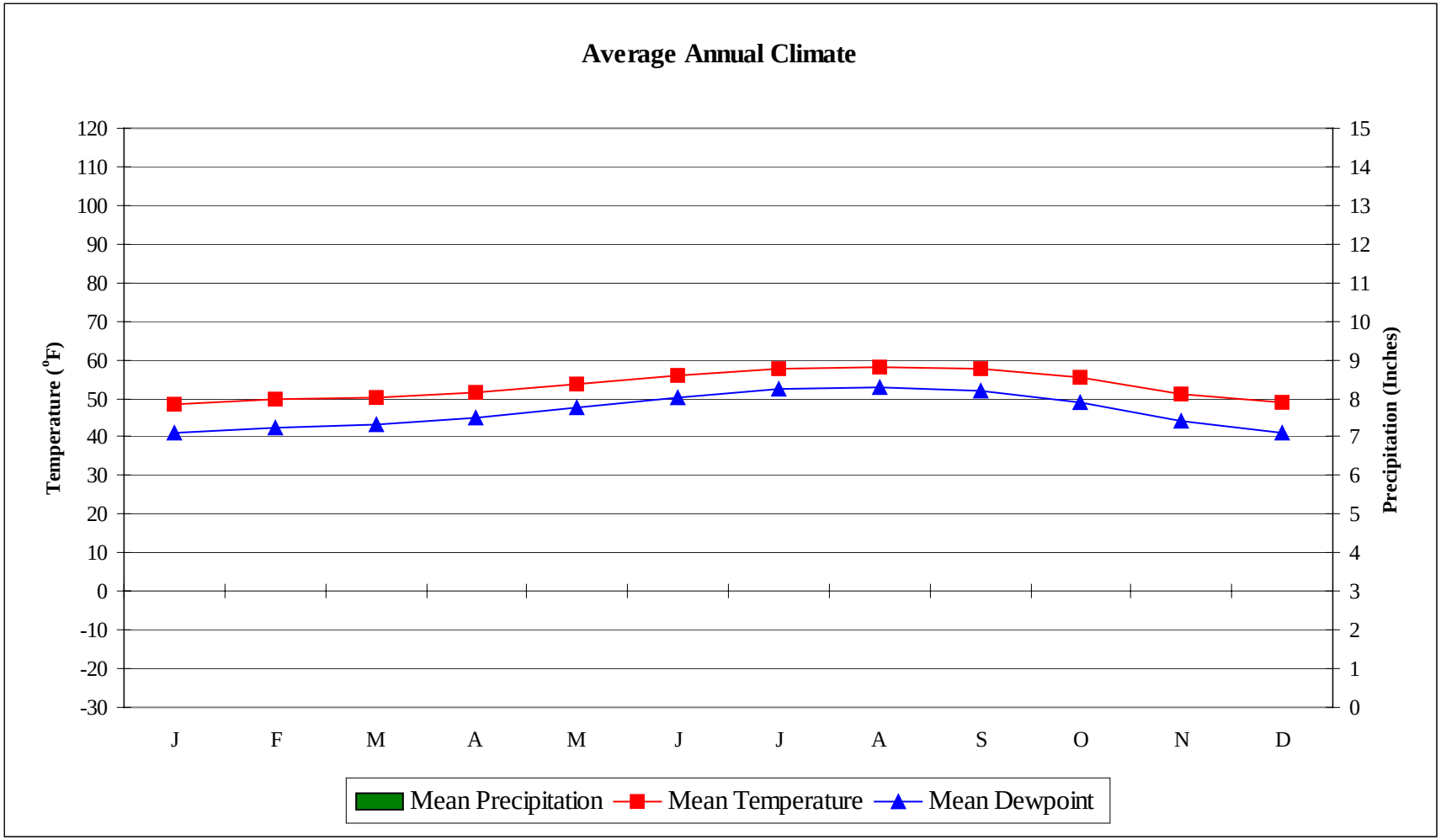
		Mean Coincident (Average) Values			
Dry Bulb Temperature (T)	**Design Value (^oF)**	Wet Bulb Temperature (^oF)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Median of Extreme Highs	80	61	51	7.3	S
0.4% Occurrence	70	60	61	9.7	NNW
1.0% Occurrence	67	59	63	10.3	NW
2.0% Occurrence	65	58	62	10.8	NNW
Mean Daily Range	10	-	-	-	-
97.5% Occurrence	40	38	29	6.3	E
99.0% Occurrence	37	35	26	5.8	E
99.6% Occurrence	35	33	23	5.8	E
Median of Extreme Lows	31	28	18	6.6	E
		Mean Coincident (Average) Values			
Wet Bulb Temperature (T_{wb})	**Design Value (^oF)**	Dry Bulb Temperature (^oF)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Median of Extreme Highs	64	70	78	9.3	S
0.4% Occurrence	62	67	72	9.1	NW
1.0% Occurrence	61	66	70	9.2	NW
2.0% Occurrence	59	63	66	9.4	S
		Mean Coincident (Average) Values			
Humidity Ratio (HR)	**Design Value (gr/lb)**	Dry Bulb Temperature (^oF)	Vapor Pressure (in. Hg)	Wind Speed (mph)	Prevailing Direction (NSEW)
Median of Extreme Highs	83	67	0.56	9.7	S
0.4% Occurrence	75	64	0.50	8.5	S
1.0% Occurrence	71	63	0.49	8.5	S
2.0% Occurrence	69	62	0.47	8.4	S
Air Conditioning/		$T \geq 93^oF$	$T \geq 80^oF$	$T_{wb} \geq 73^oF$	$T_{wb} \geq 67^oF$
Humid Area Criteria	# of Hours	0	2	0	1

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 + 0.0
Ground Water Temperature (^oF) 50 Foot Depth *	**Frost Depth 50 Year Recurrence (in.)**	**Ground Snow Load 50 Year Recurrence (lb/ft^2)**	**Average Annual Freeze-Thaw Cycles (#)**
55.8	N/A	N/A	1

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

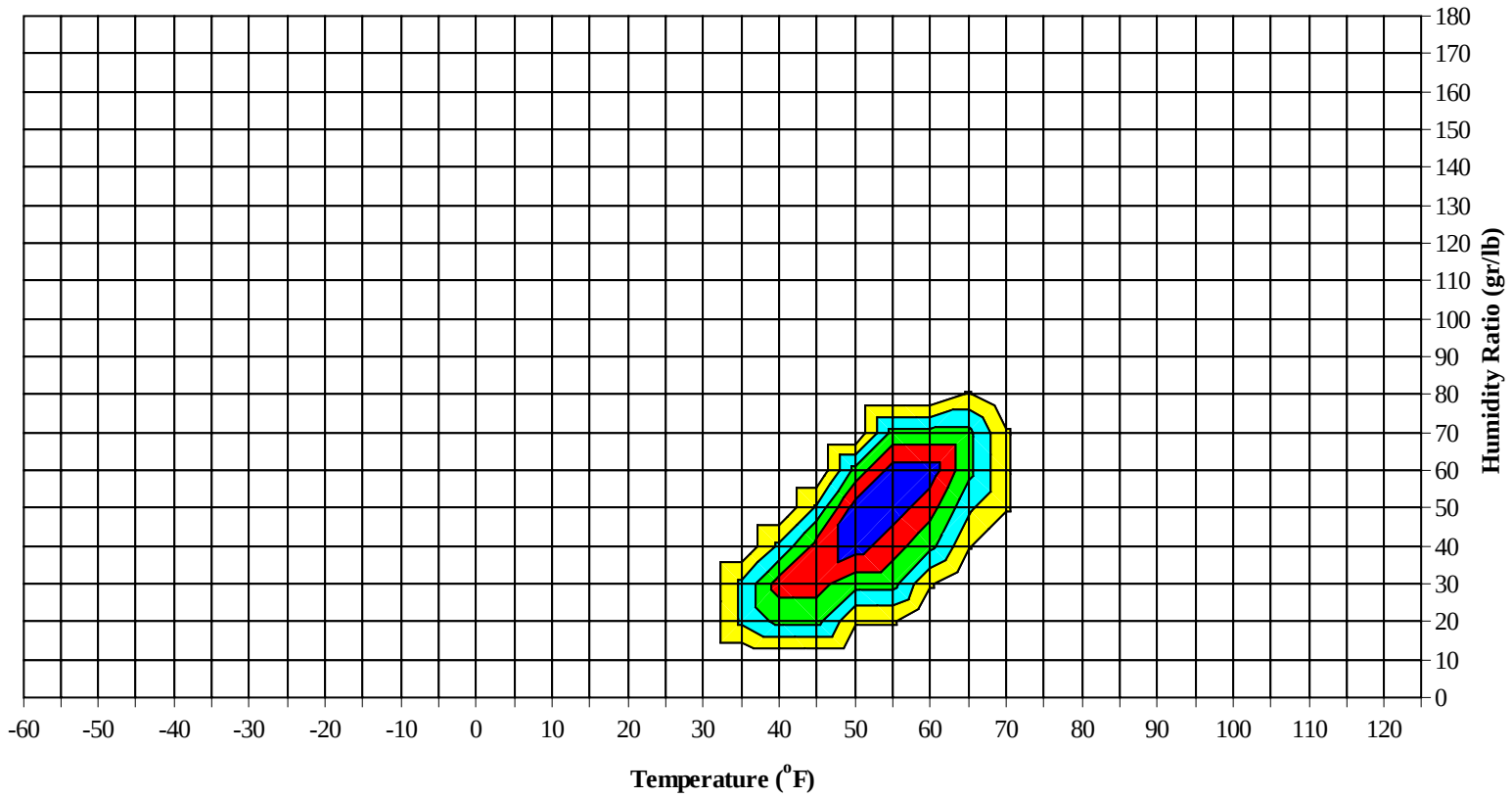
CRESCENT CITY **CA** WMO No. 725946



No Precipitation Data Available

CRESCENT CITY **CA** WMO No. 725946

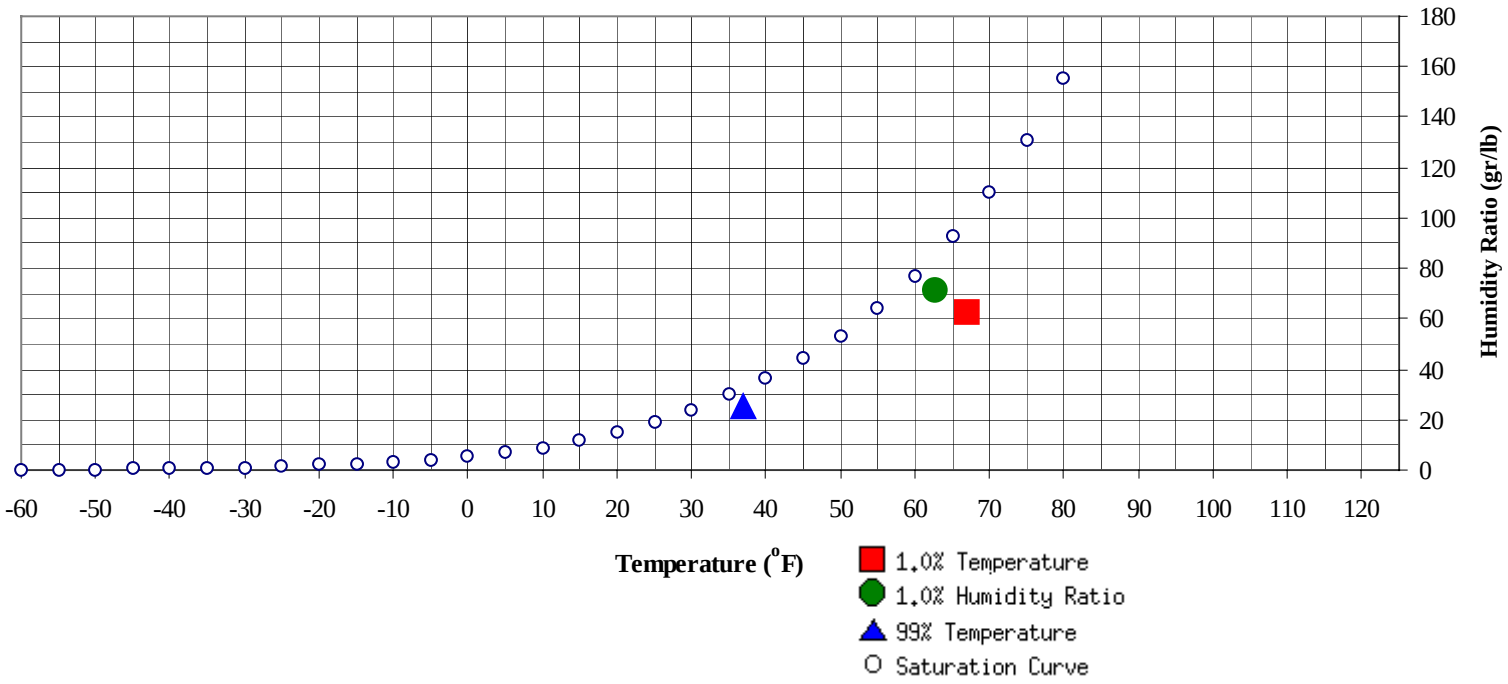
Long Term Psychrometric Summary



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

CRESCENT CITY **CA** WMO No. 725946

Psychrometric Summary of Peak Design Values



	(°F)	MCHR (gr/lb)	Enthalpy (btu/lb)
99% Dry Bulb	37	25.5	12.8

	(gr/lb)	MCDB (°F)	MCWB (°F)	MC Dewpt (°F)	Enthalpy (btu/lb)
1.0% Humidity Ratio	71.4	62.7	59.8	57.9	26.2

	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
1.0% Dry Bulb	67	62.9	59.3	25.9

CRESCENT CITY CA WMO No. 725946

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

Period of Record = 1973 to 1996

Temperature Range (°F)	January Hour Group (LST) 01 To 08	January 09 To 16	January 17 To 00	January Total Obs	January MCWB (°F)	February Hour Group (LST) 01 To 08	February 09 To 16	February 17 To 00	February Total Obs	February MCWB (°F)	March Hour Group (LST) 01 To 08	March 09 To 16	March 17 To 00	March Total Obs	March MCWB (°F)
85 / 89															
80 / 84															
75 / 79															
70 / 74		0		0	57.0		0		0	57.7		1	0	1	54.0
65 / 69		1	1	3	53.1		2	0	2	53.9		2	0	2	53.9
60 / 64	1	8	1	10	51.5	0	10	4	14	52.7	0	10	2	12	53.4
55 / 59	15	45	21	80	51.1	13	48	22	84	51.5	12	66	29	107	51.6
50 / 54	47	111	84	241	48.2	61	103	94	258	48.4	69	118	116	302	48.4
45 / 49	70	60	90	219	43.9	61	45	71	177	44.1	86	43	80	209	44.3
40 / 44	63	19	36	119	39.4	52	13	26	91	39.3	57	8	19	84	40.0
35 / 39	40	4	13	57	34.8	32	2	6	40	34.9	23	1	2	26	36.2
30 / 34	12	0	2	14	30.3	5	1	1	7	30.2	1	0		1	32.5
25 / 29	0			0	23.8	0	0	0	0	24.3					
20 / 24															

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.

CRESCENT CITY CA WMO No. 725946

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

Period of Record = 1973 to 1996

Temperature Range (°F)	April Hour Group (LST) 01 To 08	April 09 To 16	April 17 To 00	April Total Obs	April MCWB (°F)	May Hour Group (LST) 01 To 08	May 09 To 16	May 17 To 00	May Total Obs	May MCWB (°F)	June Hour Group (LST) 01 To 08	June 09 To 16	June 17 To 00	June Total Obs	June MCWB (°F)
85 / 89															
80 / 84															
75 / 79						0	0		0	60.3					
70 / 74		1		1	57.6	0	1		1	59.6	0	1	0	1	60.3
65 / 69	0	2	0	2	54.5	0	3	1	4	58.3	1	6	3	10	58.6
60 / 64	1	14	3	18	54.6	2	31	9	43	55.8	7	79	31	117	56.1
55 / 59	13	86	36	135	51.8	31	137	68	235	52.5	61	128	102	291	53.4
50 / 54	85	115	126	326	48.6	126	72	141	339	49.4	133	25	98	256	50.4
45 / 49	94	21	69	183	44.9	69	4	27	101	45.8	34	0	6	40	46.2
40 / 44	39	1	6	46	40.6	19	0	1	20	41.1	4			4	42.0
35 / 39	9	0	0	9	36.1	1			1	37.4					
30 / 34	0	0		0	32.0										
25 / 29															
20 / 24															

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.

CRESCENT CITY CA WMO No. 725946

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

Period of Record = 1973 to 1996

Temperature Range (°F)	July Hour Group (LST) 01 To 08	July 09 To 16	July 17 To 00	July Total Obs	July MCWB (°F)	August Hour Group (LST) 01 To 08	August 09 To 16	August 17 To 00	August Total Obs	August MCWB (°F)	September Hour Group (LST) 01 To 08	September 09 To 16	September 17 To 00	September Total Obs	September MCWB (°F)
85 / 89												0	0	0	59.5
80 / 84												0	0	0	61.6
75 / 79											0	2	0	2	61.2
70 / 74		1	0	1	61.6		3	0	3	63.1	1	6	1	8	61.9
65 / 69	0	22	7	29	59.8	1	34	10	45	60.1	4	33	8	44	59.5
60 / 64	15	119	57	190	56.9	18	113	59	191	57.2	18	97	42	157	56.8
55 / 59	108	94	129	331	54.4	110	87	126	323	54.6	84	75	112	270	54.3
50 / 54	107	13	54	173	51.2	105	11	51	168	51.4	105	27	72	204	51.0
45 / 49	17		1	19	46.6	13		1	15	46.3	27	1	5	33	46.7
40 / 44	1			1	42.9	0			0	43.0	1			1	42.9
35 / 39															
30 / 34															
25 / 29															
20 / 24															

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.

CRESCENT CITY CA WMO No. 725946

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

Period of Record = 1973 to 1996

Temperature Range (°F)	October Hour Group (LST) 01 To 08	October 09 To 16	October 17 To 00	October Total Obs	October MCWB (°F)	November Hour Group (LST) 01 To 08	November 09 To 16	November 17 To 00	November Total Obs	November MCWB (°F)	December Hour Group (LST) 01 To 08	December 09 To 16	December 17 To 00	December Total Obs	December MCWB (°F)
85 / 89		0		0	63.0										
80 / 84		1		1	61.3										
75 / 79	0	2	0	2	59.2		0		0	62.0					
70 / 74	1	4	1	6	57.2		1		1	58.4		0		0	58.0
65 / 69	1	15	1	18	57.4		3	0	3	56.1		1	0	1	51.4
60 / 64	7	70	21	98	55.8	1	21	6	28	54.7	1	7	1	9	51.9
55 / 59	54	109	92	254	53.4	29	84	42	156	52.5	22	54	28	104	51.6
50 / 54	105	46	106	256	50.2	65	93	94	252	48.9	59	108	77	244	48.2
45 / 49	60	2	26	88	45.6	66	32	68	166	44.3	56	56	85	198	43.9
40 / 44	19	0	1	20	41.3	52	6	25	82	39.7	59	18	44	121	39.4
35 / 39	1			1	37.7	24	1	6	30	35.1	43	4	13	60	34.8
30 / 34						3		0	3	31.0	7	1	0	7	30.1
25 / 29											0	0	0	0	23.4
20 / 24											0	0		0	18.3

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.

CRESCENT CITY CA WMO No. 725946

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

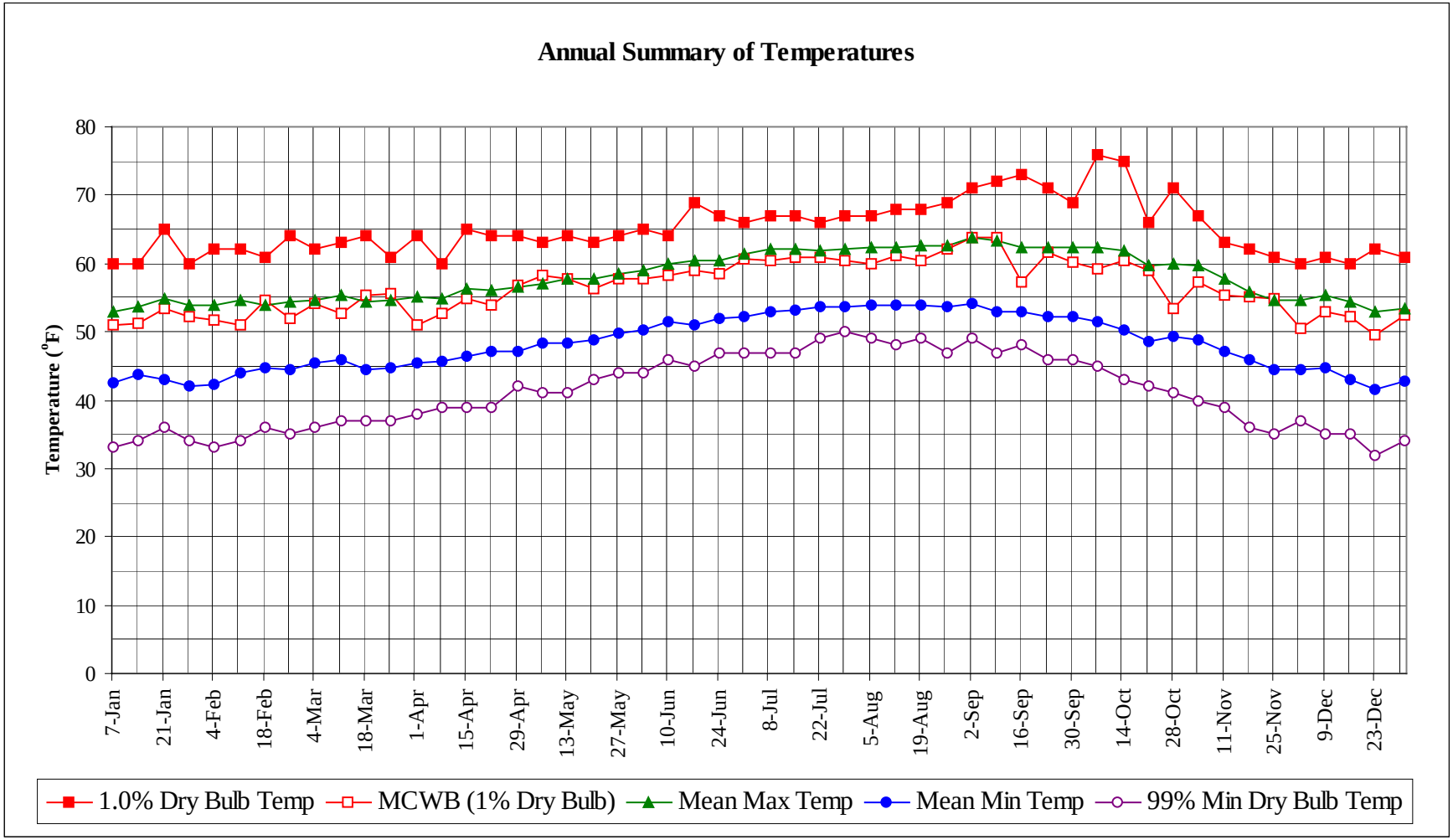
Period of Record = 1973 to 1996

Annual Totals

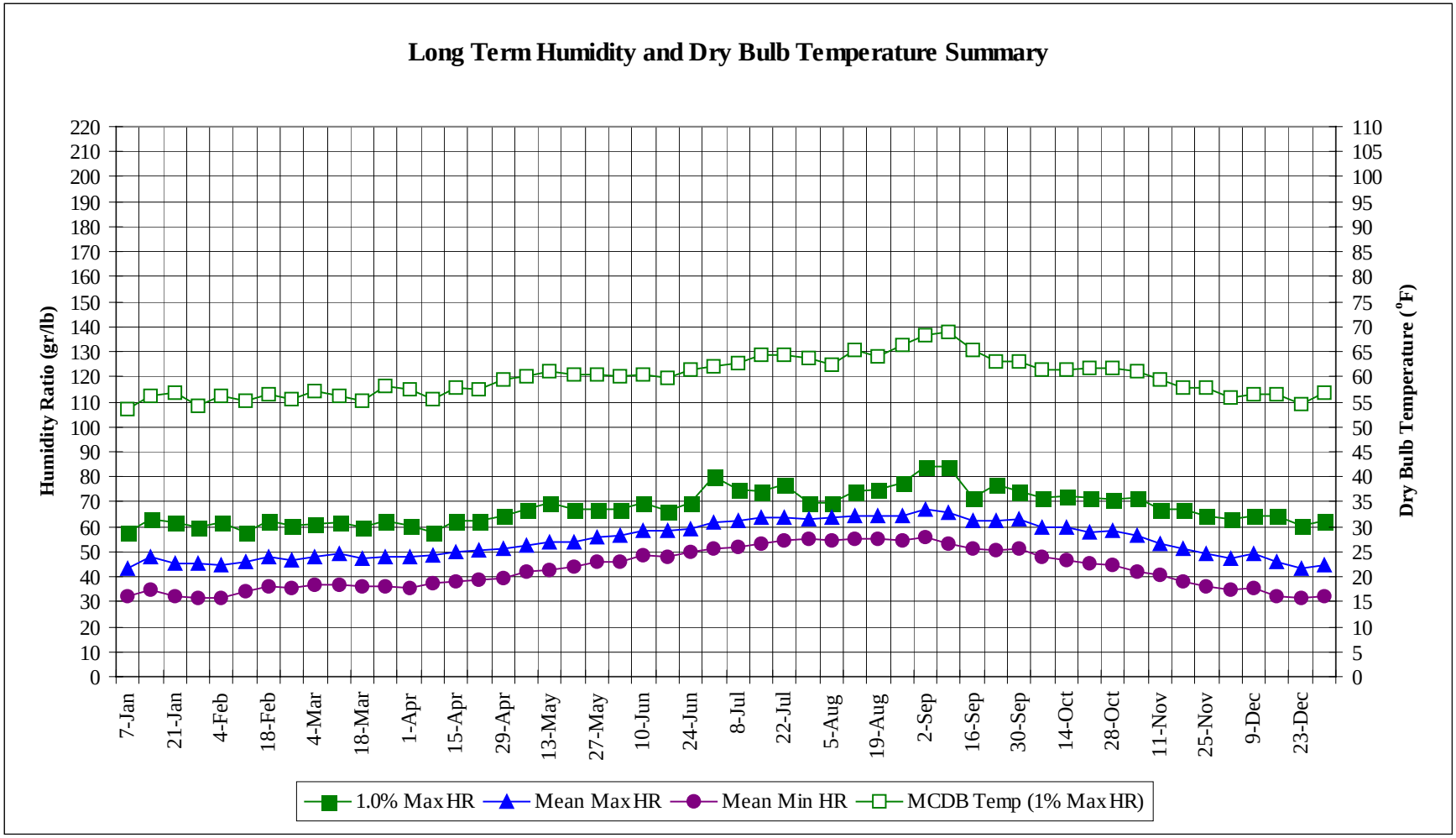
Temperature Range (°F)	Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)
85 / 89		0	0	0	60.7
80 / 84		1	0	1	61.4
75 / 79	1	4	1	7	60.2
70 / 74	3	16	2	21	60.2
65 / 69	9	124	31	163	58.9
60 / 64	79	576	223	878	56.3
55 / 59	555	1014	781	2350	53.2
50 / 54	1077	842	1113	3033	49.3
45 / 49	647	262	552	1460	44.5
40 / 44	354	66	170	590	39.7
35 / 39	166	12	43	222	35.1
30 / 34	28	2	4	34	30.4
25 / 29	1	0	0	1	23.8
20 / 24	0	0		0	18.3

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.

CRESCENT CITY **CA** WMO No. 725946



CRESCENT CITY **CA** WMO No. 725946

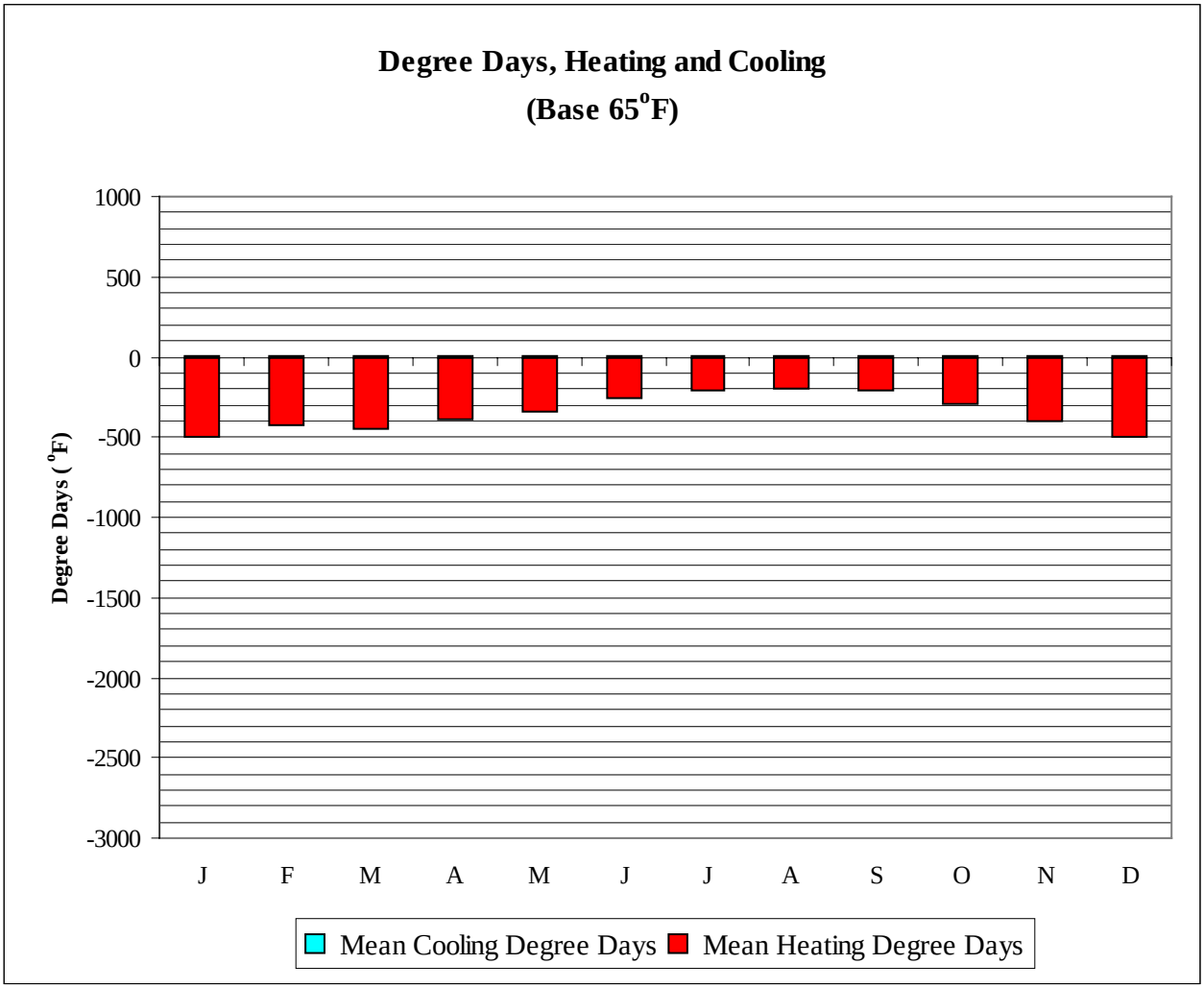


CRESCENT CITY CA WMO No. 725946

Long Term Dry Bulb Temperature and Humidity Summary

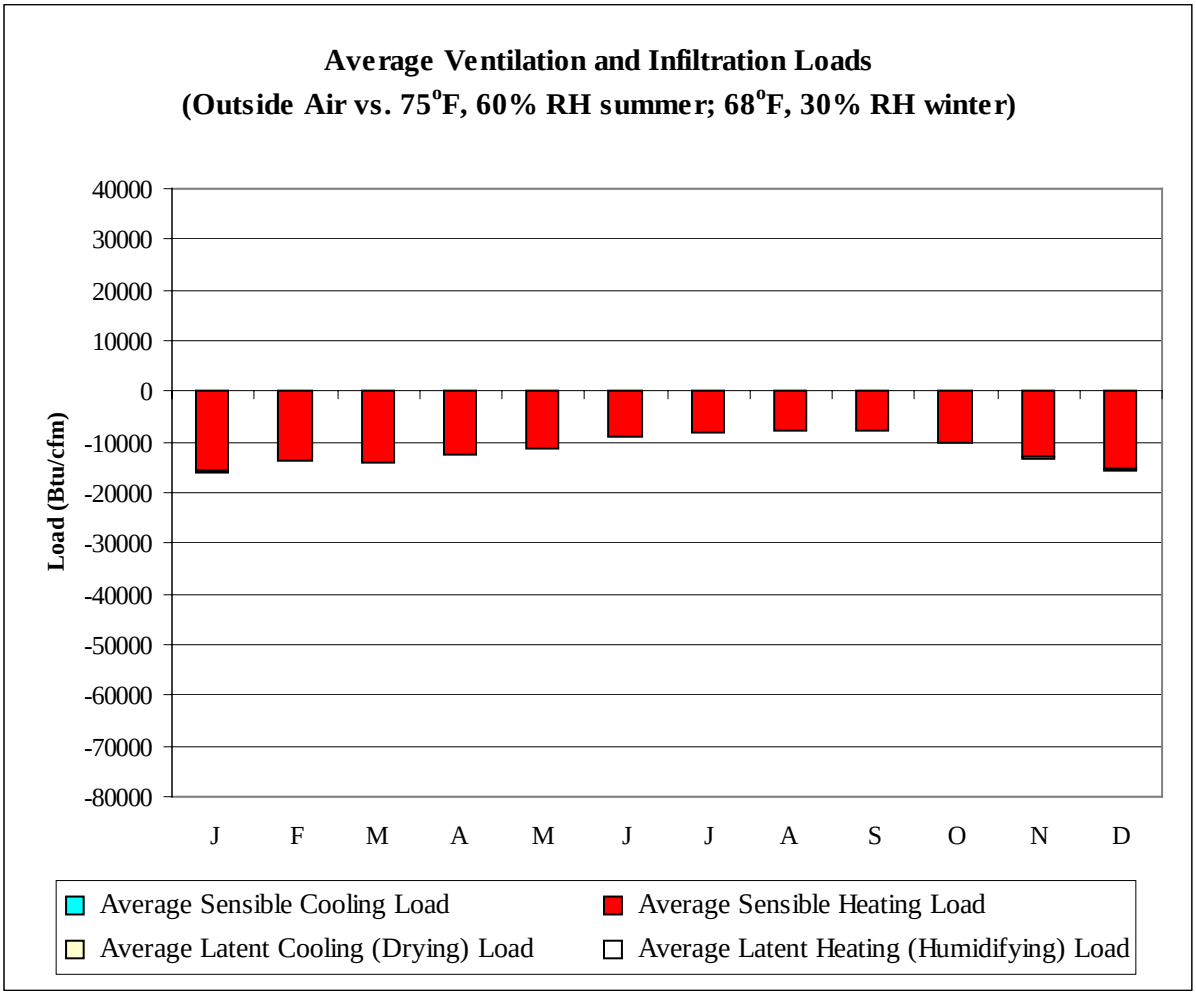
Week Ending	1.0% Temp (°F)	MCWB @ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB @ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	60.0	51.0	53.0	42.5	33.0	58.1	53.7	43.6	32.1
14-Jan	60.0	51.3	53.7	43.9	34.0	63.0	56.2	47.9	34.7
21-Jan	65.0	53.4	54.8	43.1	36.0	61.6	56.8	45.5	32.0
28-Jan	60.0	52.3	53.8	42.2	34.0	59.5	54.2	45.1	31.5
4-Feb	62.0	51.8	53.9	42.2	33.0	61.6	56.1	44.6	31.7
11-Feb	62.0	51.0	54.5	44.0	34.0	58.1	55.3	46.1	34.1
18-Feb	61.0	54.6	53.9	44.7	36.0	62.3	56.4	47.8	36.4
25-Feb	64.0	51.9	54.4	44.4	35.0	60.2	55.4	46.6	35.3
4-Mar	62.0	54.2	54.7	45.5	36.0	60.9	57.1	48.0	37.1
11-Mar	63.0	52.7	55.3	45.9	37.0	61.6	56.0	49.0	36.8
18-Mar	64.0	55.3	54.5	44.5	37.0	59.5	55.1	47.5	35.9
25-Mar	61.0	55.5	54.6	44.8	37.0	62.3	58.0	48.2	35.9
1-Apr	64.0	51.0	55.2	45.5	38.0	60.2	57.4	47.8	35.4
8-Apr	60.0	52.7	54.9	45.7	39.0	58.1	55.4	48.8	37.4
15-Apr	65.0	54.9	56.3	46.3	39.0	62.3	57.7	50.1	38.4
22-Apr	64.0	53.9	56.1	47.2	39.0	62.3	57.3	50.5	38.9
29-Apr	64.0	56.9	56.7	47.0	42.0	64.4	59.6	51.1	39.4
6-May	63.0	58.3	57.2	48.2	41.0	67.2	60.1	52.7	41.9
13-May	64.0	57.8	57.8	48.5	41.0	69.3	61.1	53.9	42.4
20-May	63.0	56.4	57.8	48.8	43.0	67.2	60.4	53.8	43.8
27-May	64.0	57.7	58.6	49.8	44.0	67.2	60.6	55.8	45.9
3-Jun	65.0	57.8	58.9	50.2	44.0	67.2	59.9	56.3	46.2
10-Jun	64.0	58.2	59.9	51.6	46.0	69.3	60.5	58.2	48.7
17-Jun	69.0	59.0	60.3	51.0	45.0	66.5	59.6	58.6	48.2
24-Jun	67.0	58.4	60.4	52.0	47.0	69.3	61.5	59.2	50.1
1-Jul	66.0	60.6	61.4	52.2	47.0	79.8	61.9	61.7	51.3
8-Jul	67.0	60.5	62.0	52.9	47.0	74.9	62.8	62.2	52.2
15-Jul	67.0	60.9	62.2	53.1	47.0	74.2	64.5	63.4	53.0
22-Jul	66.0	60.8	62.0	53.6	49.0	77.0	64.3	64.0	54.4
29-Jul	67.0	60.4	62.0	53.7	50.0	69.3	63.6	63.2	55.0
5-Aug	67.0	60.0	62.4	53.8	49.0	69.3	62.5	63.4	54.8
12-Aug	68.0	61.0	62.4	53.9	48.0	74.2	65.2	64.4	55.1
19-Aug	68.0	60.4	62.7	54.0	49.0	74.9	63.9	64.7	55.2
26-Aug	69.0	62.0	62.6	53.6	47.0	77.7	66.3	64.6	54.3
2-Sep	71.0	63.8	63.8	54.1	49.0	84.0	68.4	67.1	55.6
9-Sep	72.0	63.8	63.4	53.0	47.0	84.0	68.9	65.6	53.5
16-Sep	73.0	57.3	62.4	53.0	48.0	71.4	65.2	62.1	51.6
23-Sep	71.0	61.8	62.4	52.2	46.0	77.0	63.1	62.2	50.8
30-Sep	69.0	60.2	62.4	52.1	46.0	74.2	63.2	62.9	51.4
7-Oct	76.0	59.3	62.4	51.5	45.0	71.4	61.5	59.9	47.7
14-Oct	75.0	60.5	61.8	50.2	43.0	72.1	61.4	59.5	46.8
21-Oct	66.0	59.0	59.6	48.7	42.0	71.4	61.8	58.1	45.1
28-Oct	71.0	53.5	60.0	49.2	41.0	70.7	61.9	58.4	44.8
4-Nov	67.0	57.3	59.6	48.7	40.0	71.4	61.1	56.3	41.9
11-Nov	63.0	55.3	57.7	47.0	39.0	67.2	59.6	53.2	40.5
18-Nov	62.0	55.2	55.9	45.9	36.0	67.2	57.7	51.5	38.4
25-Nov	61.0	54.8	54.6	44.6	35.0	64.4	57.8	49.3	36.2
2-Dec	60.0	50.4	54.7	44.5	37.0	63.0	55.9	47.5	34.6
9-Dec	61.0	53.0	55.3	44.7	35.0	64.4	56.6	49.3	35.8
16-Dec	60.0	52.1	54.3	43.0	35.0	64.4	56.4	45.9	32.3
23-Dec	62.0	49.5	52.9	41.6	32.0	60.2	54.5	43.4	31.3
31-Dec	61.0	52.5	53.5	42.7	34.0	62.3	56.9	45.0	32.3

CRESCENT CITY **CA** WMO No. 725946



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	0	500
FEB	0	430
MAR	0	446
APR	0	390
MAY	1	338
JUN	1	258
JUL	1	214
AUG	3	202
SEP	7	213
OCT	5	289
NOV	0	401
DEC	0	492
ANN	19	4173

CRESCENT CITY CA WMO No. 725946



	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	-15603	0	-457
FEB	0	-13515	0	-276
MAR	0	-14137	0	-119
APR	0	-12635	0	-32
MAY	0	-11349	0	-2
JUN	0	-9143	3	0
JUL	0	-8095	2	-1
AUG	0	-7715	5	0
SEP	7	-7953	16	-1
OCT	9	-10049	0	-17
NOV	0	-12905	0	-201
DEC	0	-15390	0	-421
ANN	16	-138489	26	-1527

Average Annual Solar Radiation – Nearest Available Site

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

City: ARCATA
State: CA
WBAN No: 24283
Lat(N): 40.98
Long(W): 124.1
Elev(ft): 226

Stn Type: Secondary
SHADING GEOMETRY IN DIMENSIONLESS UNITS
Window: 1
Overhang: 0.562
Vert Gap: 0.325

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	570	790	1150	1570	1830	1910	1870	1600	1390	970	640	510	1230
	Std Dev	58	99	120	131	142	168	126	114	111	84	68	62	33
	Minimum	470	570	900	1300	1510	1590	1610	1410	1160	790	520	360	1150
	Maximum	680	1070	1410	1820	2090	2210	2170	1890	1680	1170	770	630	1290
	Diffuse	310	440	580	710	810	870	840	780	590	470	340	270	580
Clear Day	Global	860	1210	1710	2230	2570	2700	2620	2330	1870	1350	930	760	1760
NORTH	Global	190	260	350	440	550	620	580	480	380	290	210	170	370
	Diffuse	190	260	350	430	500	540	520	460	380	290	210	170	360
Clear Day	Global	170	230	310	420	590	700	650	470	340	250	180	150	370
EAST	Global	400	510	690	870	960	920	850	730	770	590	430	360	670
	Diffuse	230	310	420	520	590	610	590	530	450	350	250	200	420
Clear Day	Global	680	880	1140	1380	1500	1540	1510	1400	1210	950	730	620	1130
SOUTH	Global	910	960	1010	1000	870	790	820	890	1090	1060	930	880	940
	Diffuse	330	410	490	550	570	580	570	550	500	430	350	300	470
Clear Day	Global	1920	1970	1830	1460	1120	970	1020	1290	1670	1910	1920	1850	1570
WEST	Global	390	500	690	930	1060	1140	1150	1030	890	640	430	350	770
	Diffuse	230	310	420	540	600	640	620	560	470	350	250	200	430
Clear Day	Global	680	880	1140	1380	1500	1540	1510	1400	1210	950	730	620	1130

Average Annual Solar Heat and Illumination – Nearest Available Site

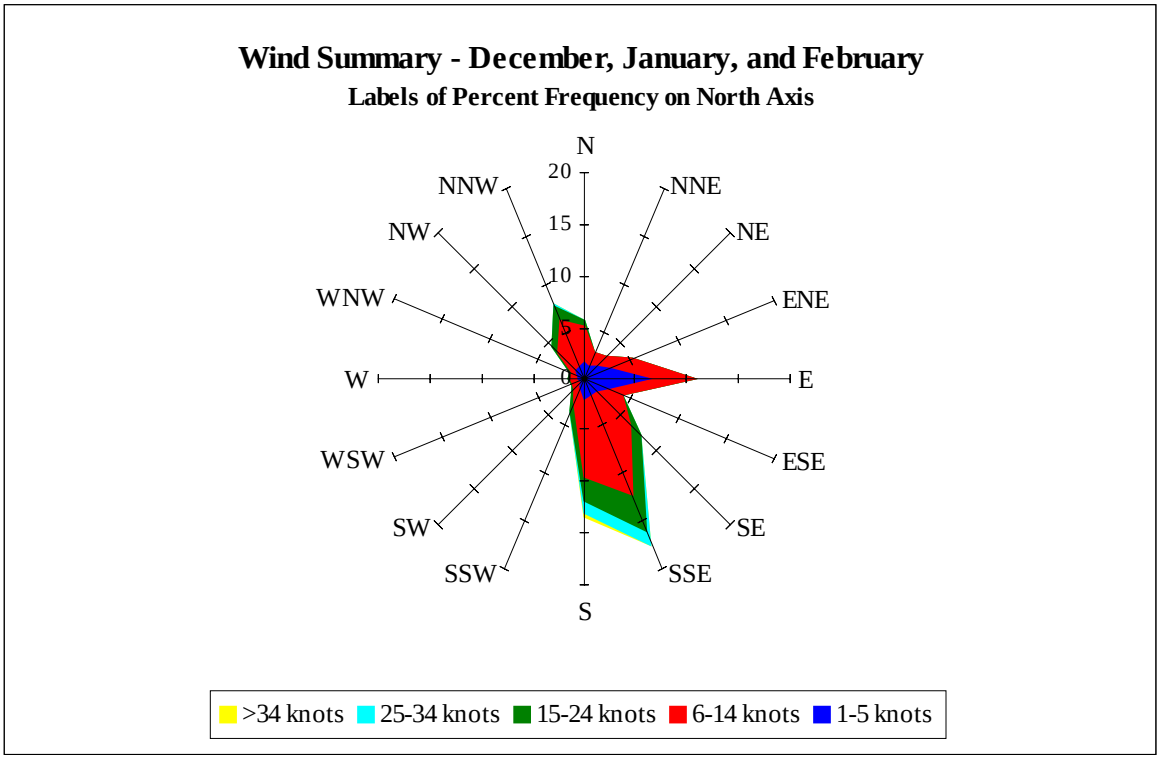
(Source: National Renewable Energy Laboratory, Golden CO, 1995)

AVERAGE TRANSMITTED SOLAR RADIATION (Btu/sq.ft./day) FOR DOUBLE GLAZING, Percentage Uncertainty = 9

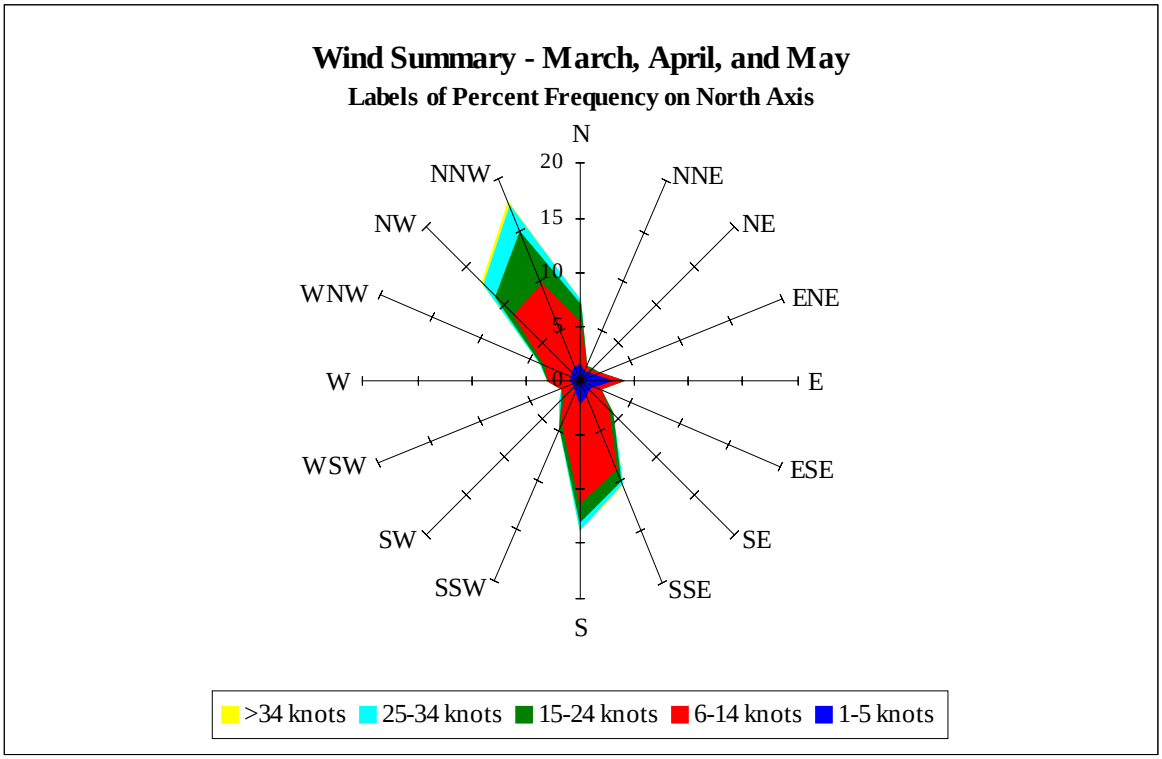
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ	Unshaded	370	540	810	1130	1330	1390	1360	1150	990	670	420	320	870
NORTH	Unshaded	130	180	240	300	360	410	380	320	260	200	140	110	250
	Shaded	110	150	210	270	320	350	330	280	230	170	120	99	220
EAST	Unshaded	270	360	490	620	680	650	590	510	540	410	300	240	470
	Shaded	240	310	420	520	560	540	490	430	460	360	260	220	400
SOUTH	Unshaded	690	700	710	660	550	490	510	580	750	760	690	670	650
	Shaded	670	640	550	420	350	350	340	360	530	660	670	650	510
WEST	Unshaded	270	350	490	660	750	820	820	740	630	450	300	240	540
	Shaded	240	310	420	560	630	680	690	620	540	390	260	210	460

AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS, Percentage Uncertainty = 9

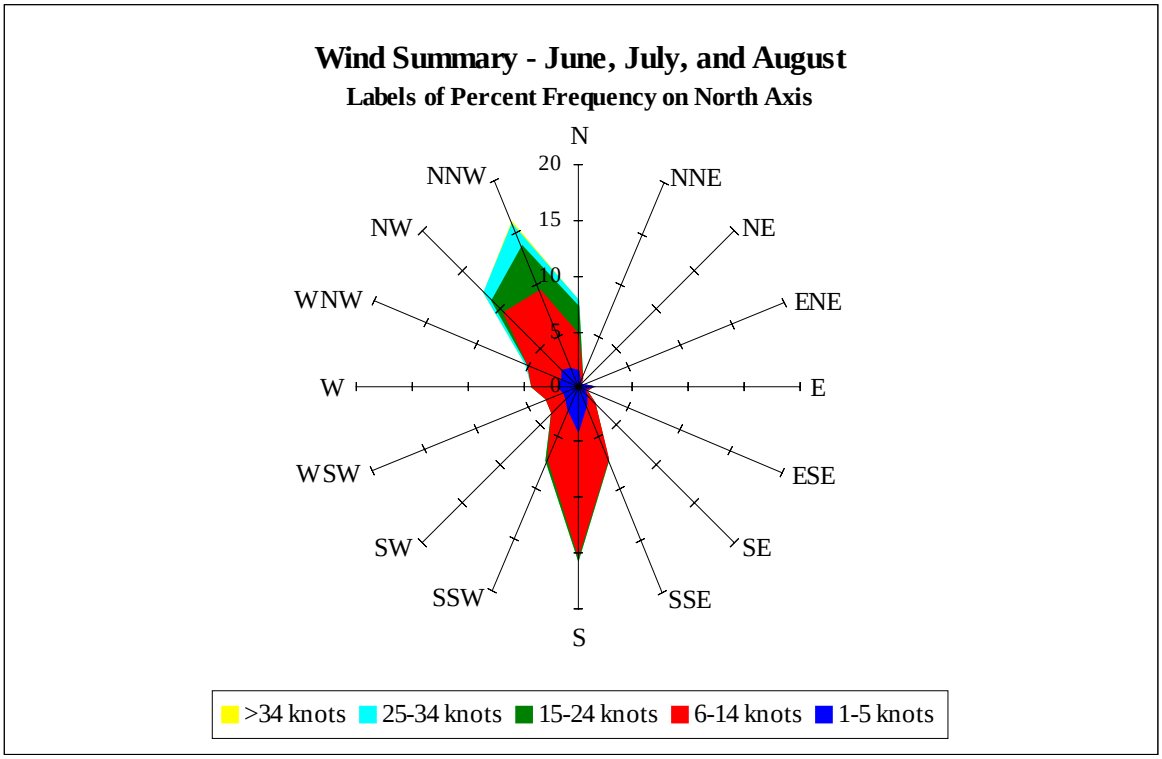
		March					June				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	34	68	80	66	31	44	81	100	98	74
	M.Cloudy	20	42	48	41	18	24	47	65	66	47
NORTH	M.Clear	9	13	15	13	9	19	15	16	16	15
	M.Cloudy	8	15	16	15	8	12	18	20	20	16
EAST	M.Clear	72	60	15	13	9	78	75	36	16	15
	M.Cloudy	24	31	16	15	8	24	34	29	20	16
SOUTH	M.Clear	35	71	83	68	31	11	30	48	46	25
	M.Cloudy	15	35	41	34	14	10	22	33	33	20
WEST	M.Clear	9	13	17	63	69	11	15	16	47	80
	M.Cloudy	8	15	17	32	23	10	18	20	34	41
M.Clear	(% hrs)	23	24	26	24	23	19	25	33	38	45
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	24	63	83	80	53	10	36	45	29	3
	M.Cloudy	13	34	51	50	31	6	21	25	18	3
NORTH	M.Clear	7	13	15	15	12	4	9	10	8	2
	M.Cloudy	6	14	18	17	12	3	9	10	8	1
EAST	M.Clear	63	73	34	15	12	34	42	10	8	2
	M.Cloudy	14	27	24	17	12	9	17	10	8	1
SOUTH	M.Clear	18	56	76	73	45	29	78	90	67	10
	M.Cloudy	8	23	39	39	22	8	26	29	22	3
WEST	M.Clear	7	13	15	49	78	4	9	16	46	13
	M.Cloudy	6	14	18	30	31	3	9	11	17	4
M.Clear	(% hrs)	31	35	42	47	48	29	28	29	27	27



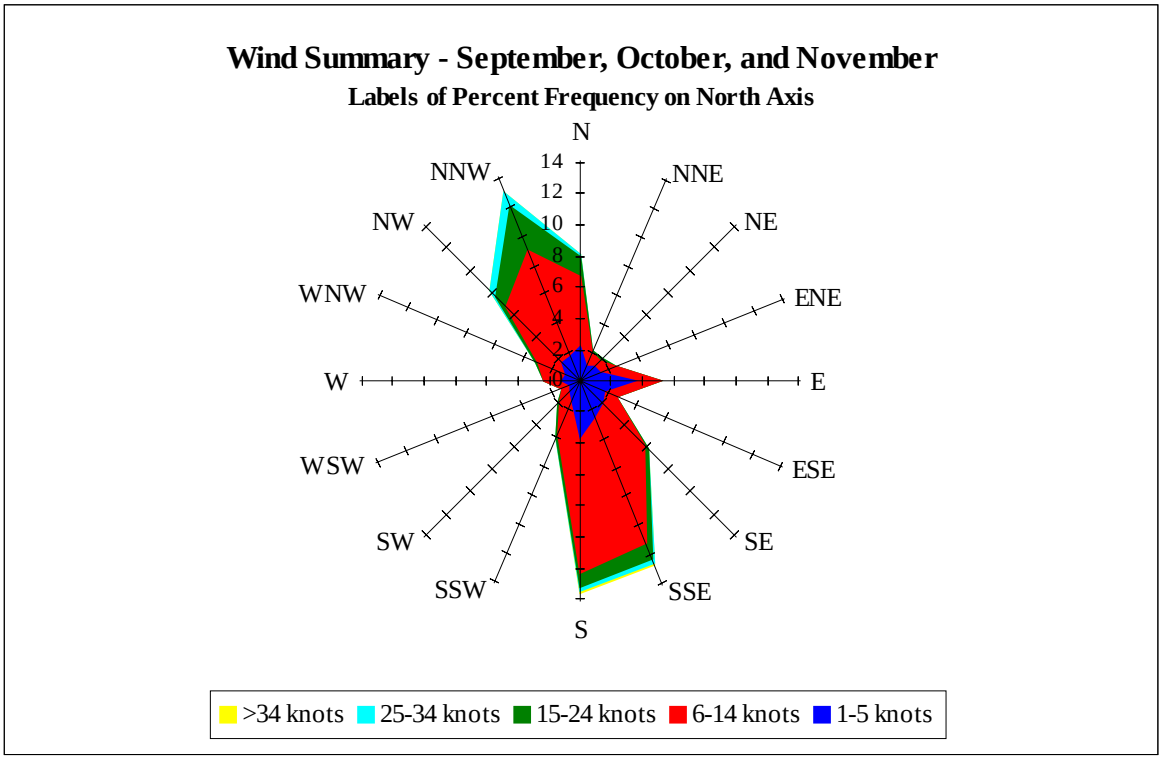
Percent Calm = 8.10



Percent Calm = 7.69



Percent Calm = 13.38



Percent Calm = 12.56