

PT PIEDRAS CA

Latitude = 35.67 N

Longitude = 121.20 W

Period of Record = 1973 to 1995

WMO No. 723900

Elevation = 69 feet

Average Pressure = 29.87 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	75	62	64	11.3	WNW
0.4% Occurrence	76	63	66	10.8	WNW
1.0% Occurrence	73	61	62	12.1	WNW
2.0% Occurrence	70	60	60	11.9	WNW
Mean Daily Range	10	-	-	-	-
97.5% Occurrence	45	42	33	6.0	N
99.0% Occurrence	43	39	29	6.4	N
99.6% Occurrence	41	37	27	6.6	N
Median of Extreme Lows	39	34	22	7.9	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	64	74	72	10.5	WNW
0.4% Occurrence	65	76	73	10.4	WNW
1.0% Occurrence	62	70	69	10.4	WNW
2.0% Occurrence	61	68	67	10.5	WNW
	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	86	74	0.58	7.7	WNW
0.4% Occurrence	78	68	0.52	7.1	NW
1.0% Occurrence	72	66	0.49	9.2	WNW
2.0% Occurrence	70	64	0.47	9.6	WNW
Air Conditioning/ Humid Area Criteria	# of Hours	T ≥ 93°F	T ≥ 80°F	T _{wb} ≥ 73°F	T _{wb} ≥ 67°F
		0	10	13	20

Other Site Data

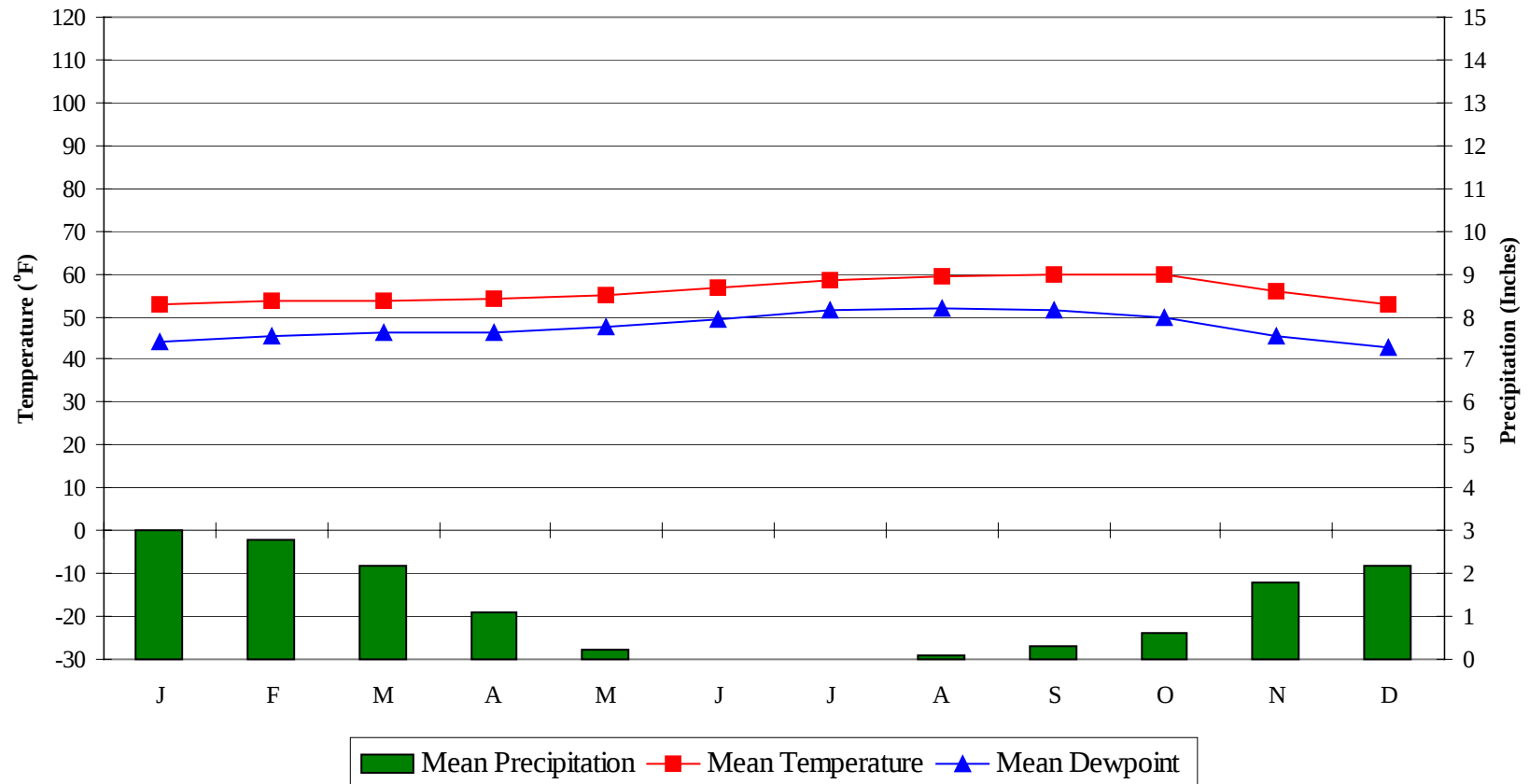
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
8	1.7	85	0.1 + 0.0
Ground Water Temperature (°F) 50 Foot Depth *	Frost Depth 50 Year Recurrence (in.)	Ground Snow Load 50 Year Recurrence (lb/ft ²)	Average Annual Freeze-Thaw Cycles (#)
58.6	N/A	N/A	0

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

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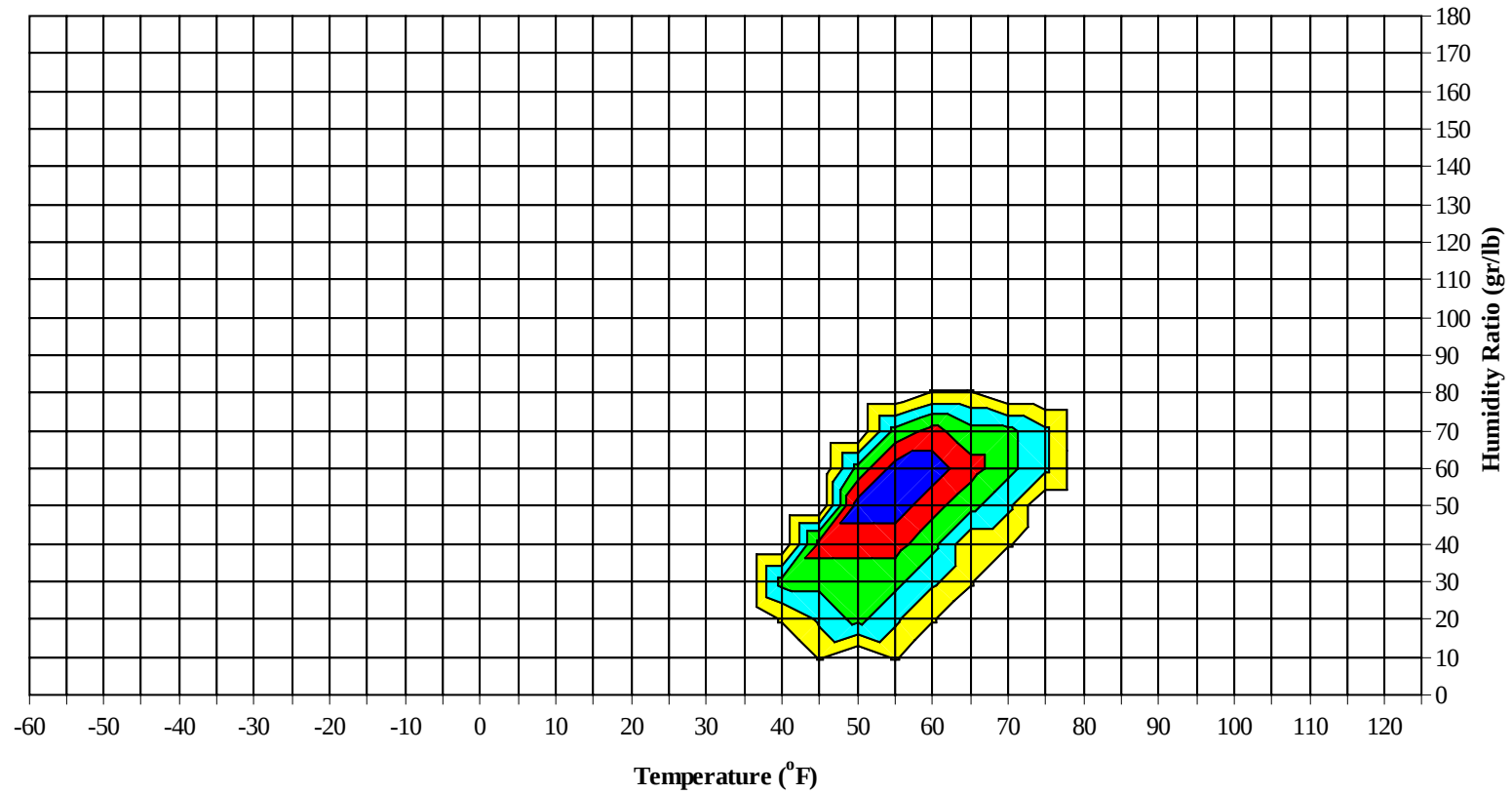
Average Annual Climate



PT PIEDRAS CA

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Long Term Psychrometric Summary

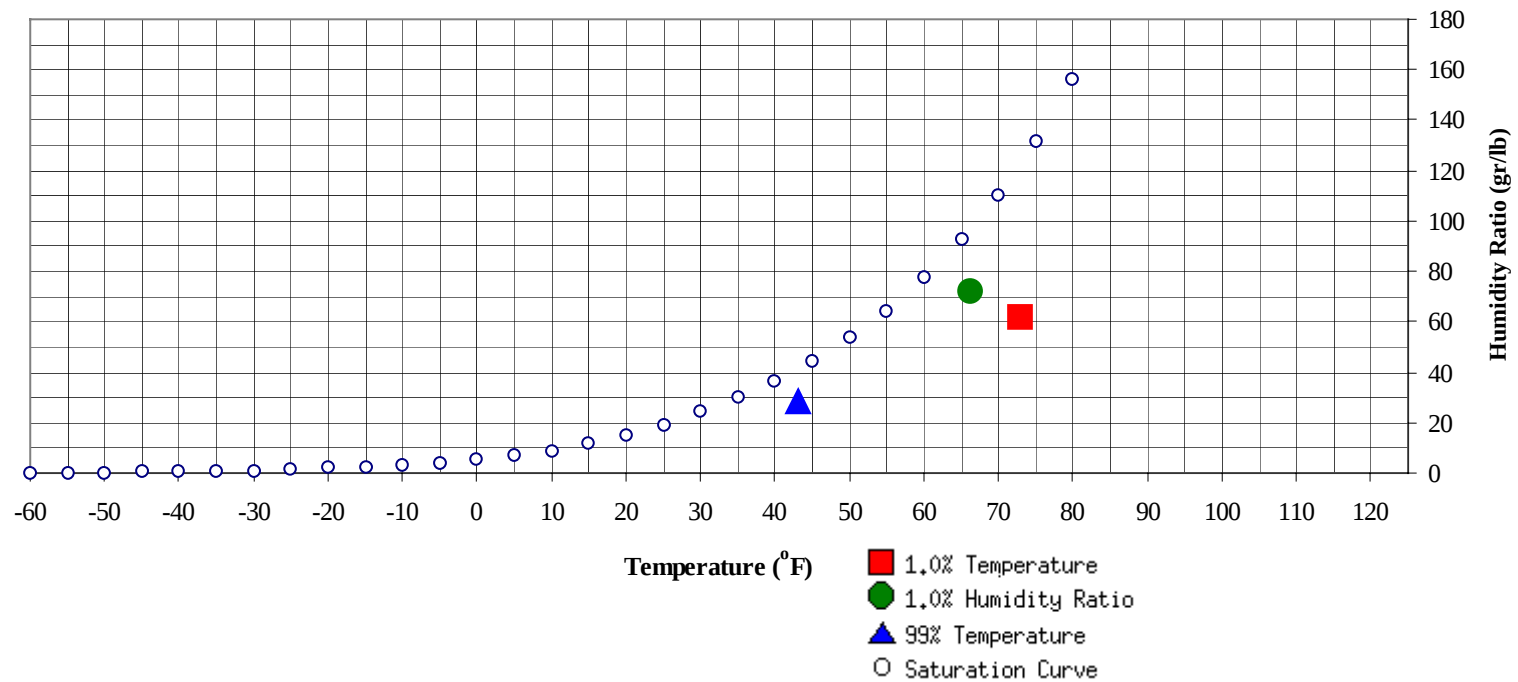


- 50% of all observations
- 80% of all observations
- 95% of all observations
- 97.5% of all observations
- 99% of all observations

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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)
	43	28.8	14.8		72.1	66.3	61	57.9	27.1

1.0% Dry Bulb	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
	73	62.2	61.3	27.2

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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		
90 / 94														0	0 79.0
85 / 89														0	0
80 / 84											0			0	0 75.0
75 / 79	0	0		0	62.4		1		1	58.1	0	1	0	1	65.6
70 / 74	0	3	0	3	57.8	0	3	2	5	58.2	0	3	0	3	58.4
65 / 69	1	7	3	11	53.7	0	8	2	10	56.5	1	10	1	12	57.1
60 / 64	3	34	6	43	54.0	5	39	8	53	54.7	3	50	9	62	55.3
55 / 59	34	132	56	223	51.7	41	121	68	230	52.5	43	124	71	238	52.6
50 / 54	105	63	119	287	48.3	94	48	103	245	48.6	110	56	125	290	49.4
45 / 49	78	9	55	142	43.9	64	4	34	102	44.0	74	5	38	117	45.1
40 / 44	23	0	9	32	38.8	18	0	6	24	38.8	15	0	3	18	39.8
35 / 39	3		0	3	34.5	1	0	1	2	32.6	2	0	0	2	35.5
30 / 34	0		0	0		1	0	0	1	26.8	0	0	0	0	

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		
90 / 94			0	0	78.0										
85 / 89			0	0											
80 / 84	0		0	0	77.5						0			0	67.0
75 / 79	0	0	0	0	75.3		0	0	0	71.0	3	1	4	64.5	
70 / 74	0	1	0	1	58.7		3	1	4	59.6	0	5	2	7	61.1
65 / 69	1	7	1	9	56.5	1	13	3	18	57.6	4	18	7	30	58.2
60 / 64	3	62	7	72	55.0	11	62	20	94	55.5	16	90	28	134	55.6
55 / 59	28	127	64	220	52.2	44	140	80	265	52.6	56	114	100	270	53.0
50 / 54	125	42	138	306	48.9	126	29	123	278	49.2	142	10	99	251	49.7
45 / 49	74	1	29	104	45.4	61	0	20	81	45.9	21		3	25	46.3
40 / 44	8		1	9	40.2	4		0	4	41.0	0			0	42.2
35 / 39															
30 / 34															

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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		
90 / 94														0	0 69.5
85 / 89			0	0	82.0						0	1	0	1	67.8
80 / 84		0	0	0	70.0						0	4	0	4	67.5
75 / 79	0	4	0	4	64.8		2	0	2	63.2	1	8	2	11	64.3
70 / 74	1	8	4	13	61.9	0	15	3	18	60.6	5	15	8	28	61.4
65 / 69	7	32	11	50	59.3	5	59	15	79	59.0	10	47	14	71	59.0
60 / 64	17	127	47	192	56.5	33	117	69	219	56.9	31	112	59	201	56.6
55 / 59	118	71	134	324	53.6	136	53	128	316	54.0	113	51	127	291	53.8
50 / 54	100	6	51	156	51.0	73	3	33	109	51.1	78	3	30	111	50.9
45 / 49	4		1	5	47.7	1			1	47.5	2		0	2	45.6
40 / 44															
35 / 39															
30 / 34															

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.

PT PIEDRAS CA

WMO No. 723900

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		
90 / 94		0		0	66.0										
85 / 89		1	0	1	63.9										
80 / 84	0	2	0	2	63.0										
75 / 79	1	16	0	17	62.9	0	1		1	59.0	0	0		0	70.0
70 / 74	3	27	8	39	60.4	0	9	0	9	58.9	0	1		1	59.5
65 / 69	18	44	26	89	58.3	2	25	6	33	57.1	0	3	1	4	55.5
60 / 64	46	87	52	185	56.0	16	86	22	124	54.7	2	39	2	43	54.1
55 / 59	88	65	105	258	53.4	75	96	95	267	52.3	37	142	58	237	51.9
50 / 54	83	6	52	141	50.2	94	23	88	205	48.4	105	55	116	276	48.0
45 / 49	9	0	4	13	45.0	46	1	26	73	43.7	77	7	56	141	42.9
40 / 44	0	0		0	42.0	6	0	2	8	39.2	24	1	12	37	37.8
35 / 39	0			0	38.0	1		0	1	35.1	2	0	1	3	32.2
30 / 34								0	0		1	0	1	2	26.2

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.

PT PIEDRAS CA

WMO No. 723900

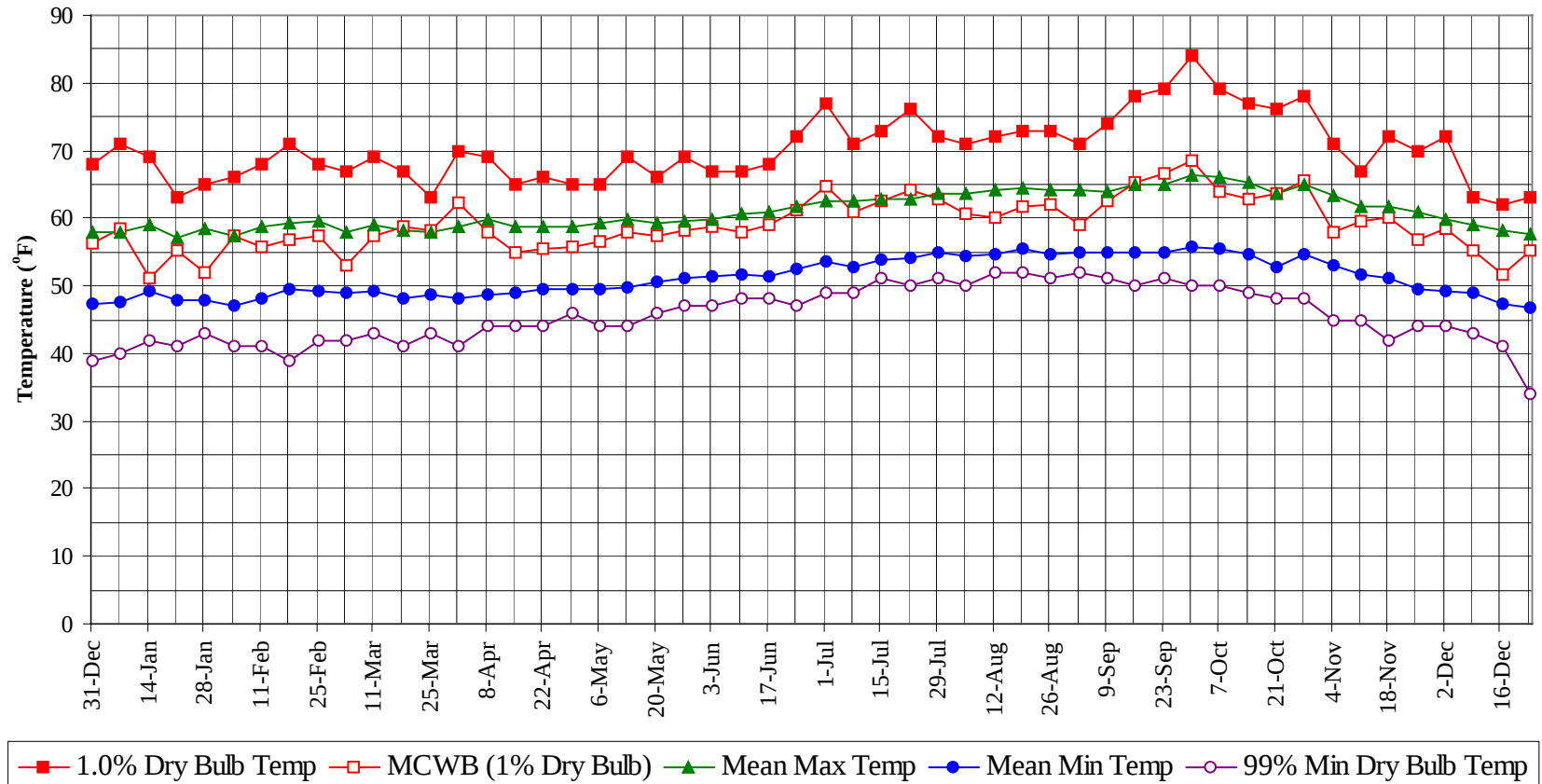
Dry-Bulb Temperature Hours For An Average Year (Sheet 5 of 5)

Period of Record = 1973 to 1995

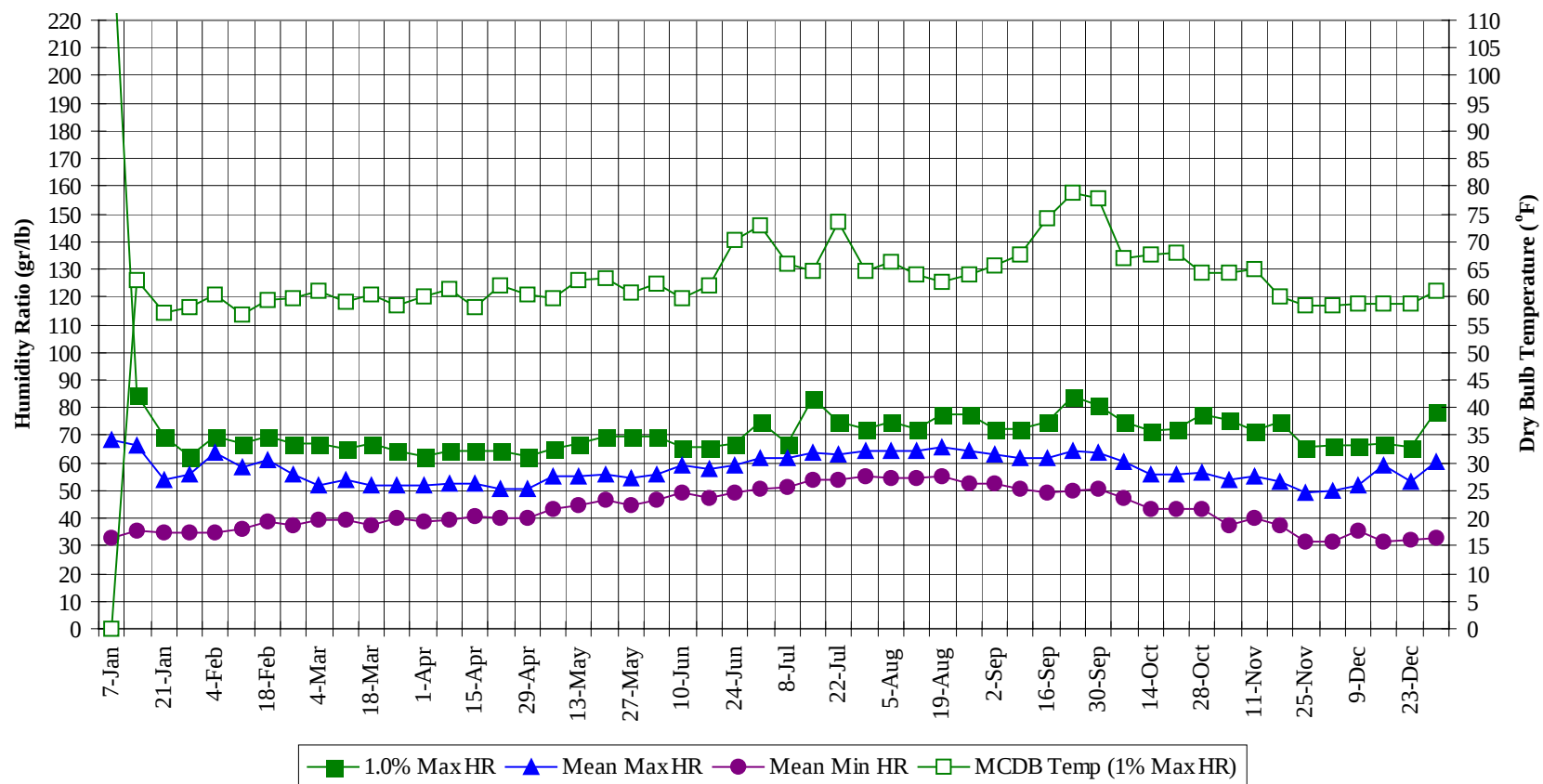
Annual Totals					
Temperature Range (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00		
90 / 94		0	0	0	72.4
85 / 89	0	2	0	2	67.1
80 / 84	0	7	1	8	66.7
75 / 79	2	36	4	42	63.6
70 / 74	10	95	29	135	60.5
65 / 69	51	281	93	425	58.4
60 / 64	193	917	346	1457	55.9
55 / 59	834	1219	1099	3152	52.9
50 / 54	1219	335	1048	2602	49.2
45 / 49	500	26	261	786	44.4
40 / 44	100	2	34	136	38.8
35 / 39	9	0	3	12	33.6
30 / 34	2	0	1	3	26.4

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

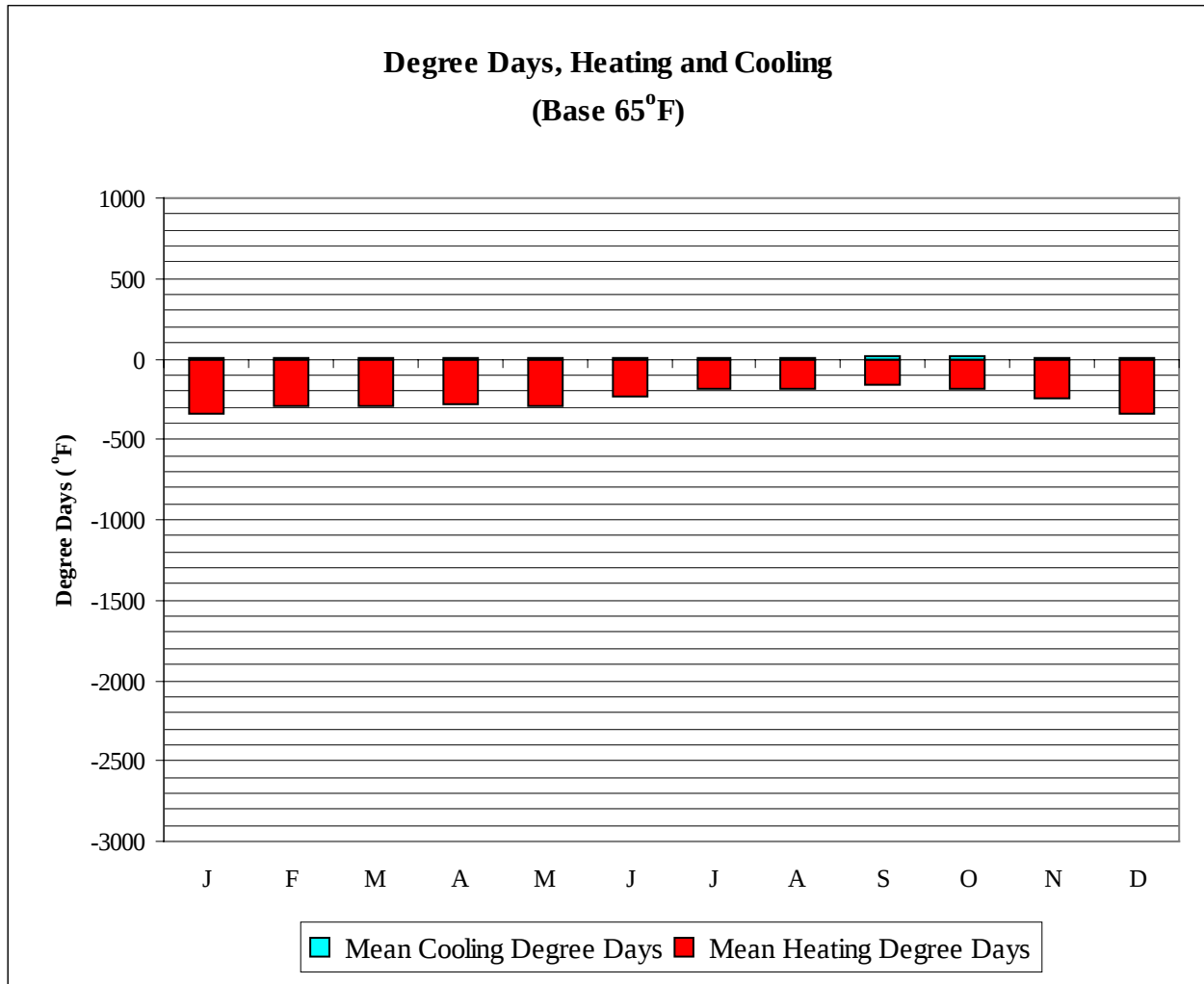


Long Term Humidity and Dry Bulb Temperature Summary



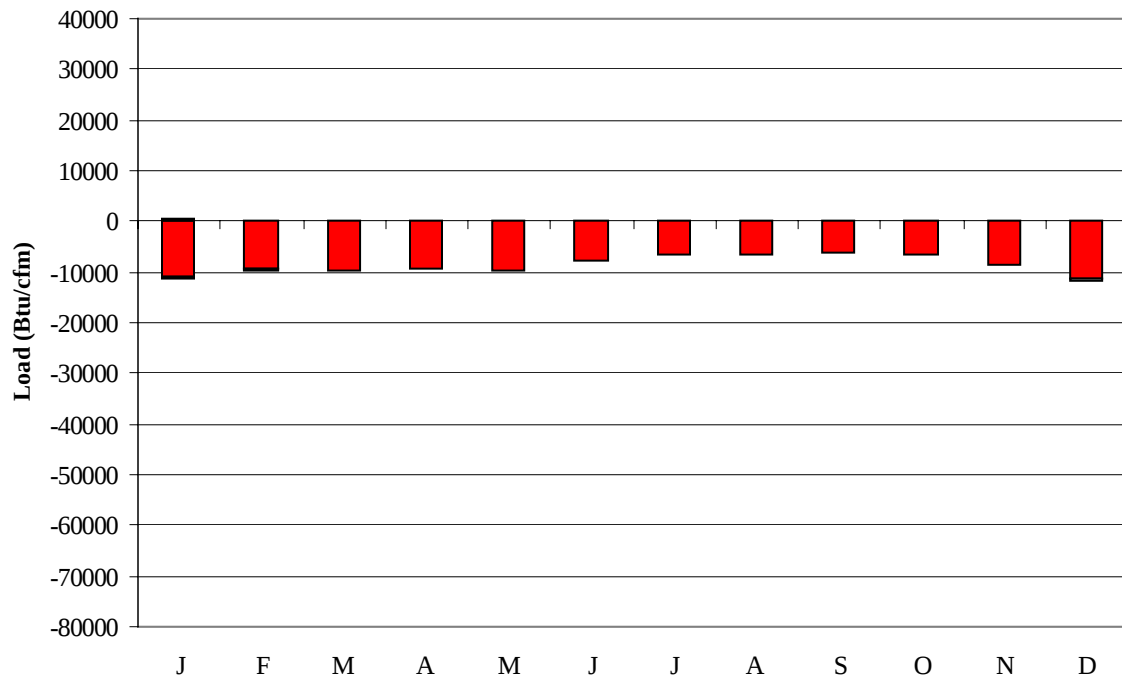
PT PIEDRAS CA**WMO No. 723900****Long Term Dry Bulb Temperature and Humidity Summary**

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	71.0	58.5	57.8	47.6	40.0	257.6	.	68.1	32.6
14-Jan	69.0	51.3	58.9	49.3	42.0	84.7	63.0	66.7	35.2
21-Jan	63.0	55.2	57.0	47.7	41.0	69.3	57.2	54.0	34.8
28-Jan	65.0	52.0	58.5	47.9	43.0	62.3	58.2	55.6	35.0
4-Feb	66.0	57.4	57.3	46.9	41.0	69.3	60.3	63.4	35.1
11-Feb	68.0	55.7	58.8	48.1	41.0	67.2	56.8	58.7	36.1
18-Feb	71.0	56.8	59.2	49.6	39.0	69.3	59.4	60.9	39.1
25-Feb	68.0	57.5	59.5	49.3	42.0	67.2	59.8	55.9	37.2
4-Mar	67.0	53.1	58.1	48.9	42.0	67.2	61.2	52.1	39.5
11-Mar	69.0	57.3	59.1	49.2	43.0	65.1	59.0	53.8	39.4
18-Mar	67.0	58.8	58.2	48.0	41.0	67.2	60.4	52.1	37.6
25-Mar	63.0	58.2	58.0	48.6	43.0	64.4	58.3	52.1	40.1
1-Apr	70.0	62.3	58.7	48.1	41.0	62.3	60.0	51.6	38.5
8-Apr	69.0	58.0	59.7	48.6	44.0	64.4	61.4	52.3	39.2
15-Apr	65.0	54.8	58.7	48.9	44.0	64.4	58.3	52.3	40.4
22-Apr	66.0	55.5	58.8	49.4	44.0	64.4	61.9	50.4	39.8
29-Apr	65.0	55.8	58.7	49.6	46.0	62.3	60.4	50.8	40.3
6-May	65.0	56.7	59.3	49.4	44.0	65.1	59.8	55.1	43.4
13-May	69.0	57.8	59.8	49.8	44.0	67.2	63.0	55.4	44.4
20-May	66.0	57.5	59.3	50.6	46.0	69.3	63.4	56.1	46.8
27-May	69.0	58.1	59.6	51.1	47.0	69.3	60.6	54.5	44.9
3-Jun	67.0	58.8	59.9	51.3	47.0	69.3	62.5	56.0	46.4
10-Jun	67.0	57.9	60.5	51.8	48.0	65.8	59.7	59.1	49.1
17-Jun	68.0	59.1	60.8	51.3	48.0	65.8	62.1	57.5	47.4
24-Jun	72.0	61.2	61.6	52.4	47.0	67.2	70.2	59.0	49.5
1-Jul	77.0	64.6	62.6	53.5	49.0	74.9	72.8	61.4	50.9
8-Jul	71.0	60.9	62.6	52.7	49.0	67.2	65.9	61.6	51.0
15-Jul	73.0	62.5	62.8	53.9	51.0	83.3	64.7	63.5	53.7
22-Jul	76.0	64.3	62.9	54.2	50.0	74.9	73.5	63.1	53.8
29-Jul	72.0	62.8	63.5	54.8	51.0	72.1	64.6	64.4	55.0
5-Aug	71.0	60.6	63.7	54.5	50.0	74.9	66.2	64.2	54.6
12-Aug	72.0	60.2	64.1	54.8	52.0	72.1	64.1	64.2	54.2
19-Aug	73.0	61.7	64.3	55.4	52.0	77.7	62.7	65.5	55.4
26-Aug	73.0	62.0	64.3	54.7	51.0	77.7	64.2	64.6	52.8
2-Sep	71.0	59.0	64.1	54.9	52.0	72.1	65.7	63.3	52.7
9-Sep	74.0	62.6	63.8	54.8	51.0	72.1	67.5	61.6	50.7
16-Sep	78.0	65.3	65.0	54.8	50.0	74.9	74.2	61.8	49.5
23-Sep	79.0	66.5	65.1	54.9	51.0	84.0	78.7	64.1	50.2
30-Sep	84.0	68.5	66.4	55.7	50.0	80.5	77.9	64.0	50.3
7-Oct	79.0	64.0	66.1	55.4	50.0	74.9	67.0	60.6	47.6
14-Oct	77.0	62.9	65.3	54.6	49.0	71.4	67.7	56.0	43.3
21-Oct	76.0	63.6	63.6	52.8	48.0	72.1	68.1	55.8	43.2
28-Oct	78.0	65.4	64.9	54.7	48.0	77.7	64.3	56.5	43.2
4-Nov	71.0	58.0	63.2	53.1	45.0	75.6	64.5	54.2	37.5
11-Nov	67.0	59.6	61.9	51.7	45.0	71.4	65.0	55.1	40.2
18-Nov	72.0	60.2	61.9	51.1	42.0	74.9	60.0	53.5	37.3
25-Nov	70.0	56.9	60.8	49.5	44.0	65.8	58.3	49.6	31.8
2-Dec	72.0	58.4	59.8	49.2	44.0	66.5	58.4	49.8	31.8
9-Dec	63.0	55.3	59.1	48.8	43.0	66.5	58.6	51.8	35.4
16-Dec	62.0	51.5	58.2	47.3	41.0	67.2	58.9	59.2	31.6
23-Dec	63.0	55.1	57.6	46.8	34.0	65.8	58.8	53.1	32.2
31-Dec	68.0	56.3	57.9	47.4	39.0	79.1	61.0	60.4	32.7



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	2	338
FEB	1	289
MAR	2	299
APR	2	285
MAY	1	293
JUN	3	230
JUL	6	184
AUG	7	180
SEP	14	164
OCT	16	180
NOV	3	246
DEC	0	346
ANN	58	3034

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	5	-10935	368	-269
FEB	0	-9488	239	-161
MAR	3	-9811	2	-35
APR	13	-9383	0	-90
MAY	0	-9811	0	-8
JUN	4	-7901	0	0
JUL	7	-6641	7	0
AUG	2	-6733	4	-2
SEP	49	-6128	12	-68
OCT	32	-6545	3	-91
NOV	1	-8382	0	-190
DEC	0	-11201	265	-374
ANN	116	-102959	900	-1288

Average Annual Solar Radiation – Nearest Available Site

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

City: SANTA MARIA
 State: CA
 WBAN No: 23273
 Lat(N): 34.9
 Long(W): 120.45
 Elev(ft): 236

Stn Type: Primary
 SHADING GEOMETRY IN DIMENSIONLESS UNITS
 Window: 1
 Overhang: 0.39
 Vert Gap: 0.285

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	900	1170	1540	1960	2210	2340	2370	2150	1770	1380	1010	840	1640
	Std Dev	77	105	135	131	143	130	61	72	85	78	78	57	41
	Minimum	720	960	1280	1670	1770	2010	2260	1980	1600	1210	860	720	1530
	Maximum	1040	1340	1820	2200	2490	2550	2500	2280	1940	1500	1140	950	1700
	Diffuse	320	420	550	630	710	710	640	590	530	430	330	290	510
Clear Day	Global	1100	1440	1890	2330	2590	2690	2630	2400	2020	1560	1170	1000	1900
NORTH	Global	230	300	370	460	560	630	580	470	390	320	250	210	400
	Diffuse	230	300	370	440	500	520	490	450	390	320	250	210	370
Clear Day	Global	220	270	340	430	600	700	650	480	370	290	230	200	400
EAST	Global	600	730	910	1050	1060	1040	1040	960	890	790	660	570	860
	Diffuse	290	370	470	550	590	600	580	540	470	400	310	270	450
Clear Day	Global	780	960	1190	1360	1450	1470	1450	1380	1230	1020	820	730	1150
SOUTH	Global	1390	1390	1280	1080	850	730	790	1000	1250	1450	1470	1430	1180
	Diffuse	400	470	520	540	540	530	520	520	510	480	420	380	490
Clear Day	Global	1960	1930	1700	1260	910	760	820	1090	1500	1840	1940	1940	1470
WEST	Global	600	740	940	1150	1270	1340	1350	1280	1100	890	670	570	990
	Diffuse	290	370	470	550	610	620	600	560	490	400	320	270	460
Clear Day	Global	780	960	1190	1360	1450	1470	1450	1380	1230	1020	820	730	1150

Average Annual Solar Heat and Illumination – Nearest Available Site

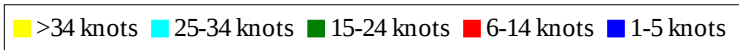
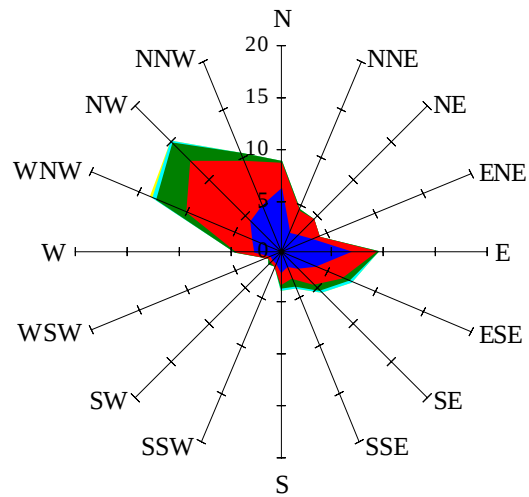
(Source: National Renewable Energy Laboratory, Golden CO, 1995)

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	600	810	1110	1430	1630	1730	1760	1590	1290	980	680	550	1180
NORTH	Unshaded	160	200	260	310	370	400	370	320	270	220	170	150	270
	Shaded	150	190	240	290	340	370	350	300	250	210	160	140	250
EAST	Unshaded	410	510	650	750	750	730	720	670	620	550	450	390	600
	Shaded	380	470	590	680	660	640	630	590	560	510	420	370	540
SOUTH	Unshaded	1040	1010	870	670	490	420	450	590	820	1030	1090	1080	800
	Shaded	1030	950	720	470	350	340	340	390	630	930	1070	1060	690
WEST	Unshaded	410	520	660	820	900	950	960	910	790	630	460	390	700
	Shaded	380	480	610	750	810	850	860	820	720	580	430	370	640

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	44	79	89	70	29	48	87	106	101	71
	M.Cloudy	28	54	60	48	19	28	51	78	77	52
NORTH	M.Clear	11	15	16	14	8	22	16	17	17	15
	M.Cloudy	11	17	18	15	8	14	19	20	20	16
EAST	M.Clear	77	58	16	14	8	80	74	31	17	15
	M.Cloudy	35	37	18	15	8	29	36	28	20	16
SOUTH	M.Clear	39	70	78	62	26	12	25	39	35	15
	M.Cloudy	21	43	49	38	14	11	22	33	31	16
WEST	M.Clear	11	15	25	70	68	12	16	17	54	83
	M.Cloudy	11	17	22	41	29	11	19	20	43	52
M.Clear	(% hrs)	48	48	50	51	51	32	61	74	80	81
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	31	73	92	85	52	21	50	56	36	4
	M.Cloudy	17	42	65	61	34	14	34	38	25	3
NORTH	M.Clear	9	14	16	16	12	7	11	12	9	2
	M.Cloudy	8	16	19	18	12	6	12	13	9	2
EAST	M.Clear	70	73	29	16	12	50	42	12	9	2
	M.Cloudy	19	33	25	18	12	21	26	13	9	2
SOUTH	M.Clear	22	55	71	65	37	46	85	92	67	11
	M.Cloudy	10	28	47	44	23	19	45	49	33	4
WEST	M.Clear	9	14	16	56	80	7	11	24	54	16
	M.Cloudy	8	16	19	39	41	6	12	18	28	6
M.Clear	(% hrs)	35	59	75	78	80	53	53	54	53	54

Wind Summary - December, January, and February

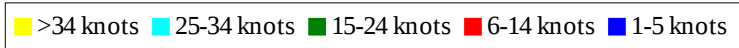
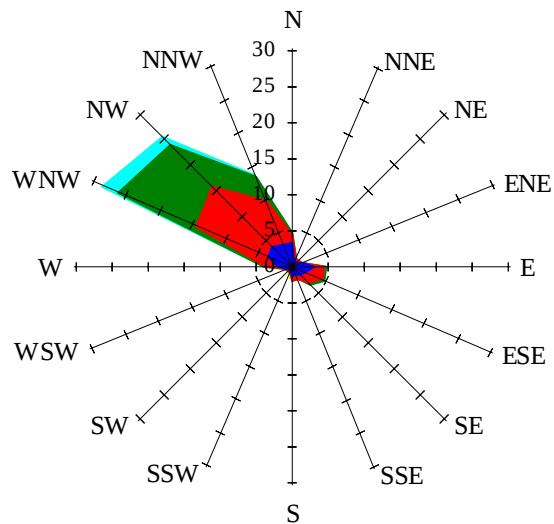
Labels of Percent Frequency on North Axis



Percent Calm = 0.78

Wind Summary - March, April, and May

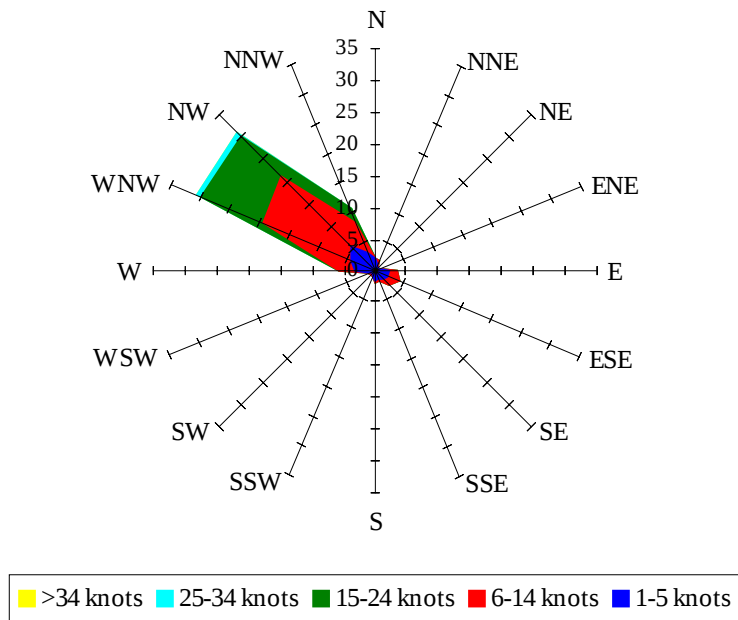
Labels of Percent Frequency on North Axis



Percent Calm = 0.59

Wind Summary - June, July, and August

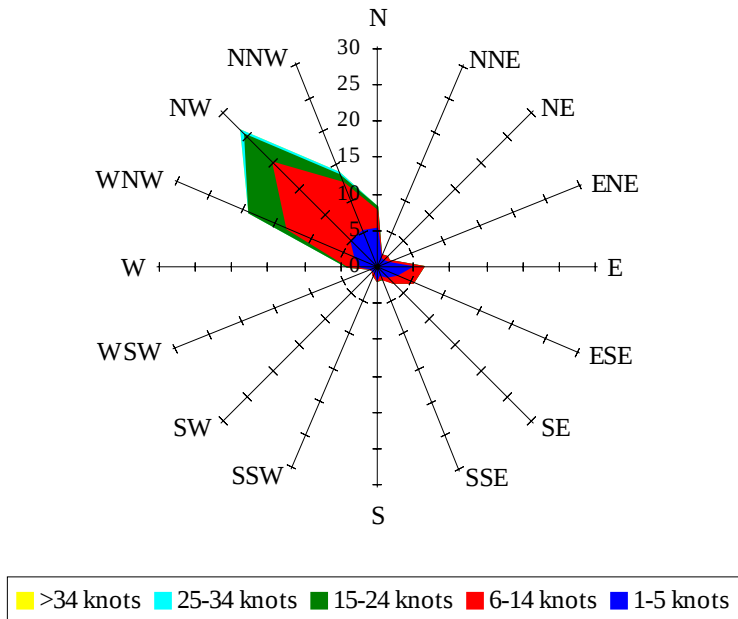
Labels of Percent Frequency on North Axis



Percent Calm = 0.94

Wind Summary - September, October, and November

Labels of Percent Frequency on North Axis



Percent Calm = 1.07