

BLUE CANYON CA

Latitude = 39.28 N

Longitude = 120.70 W

Period of Record = 1973 to 1996

WMO No. 725845

Elevation = 5286 feet

Average Pressure = 24.74 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	88	60	49	5.7	W
0.4% Occurrence	84	59	49	6.0	W
1.0% Occurrence	81	58	48	5.9	W
2.0% Occurrence	79	57	47	5.8	W
Mean Daily Range	14	-	-	-	-
97.5% Occurrence	26	24	18	5.5	ENE
99.0% Occurrence	23	21	16	5.4	ENE
99.6% Occurrence	20	18	13	5.3	ENE
Median of Extreme Lows	17	15	11	5.2	ENE
	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	65	78	88	5.4	W
0.4% Occurrence	62	80	70	5.4	W
1.0% Occurrence	60	78	63	5.1	W
2.0% Occurrence	58	75	57	5.0	W
	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	85	73	0.47	4.3	S
0.4% Occurrence	76	71	0.42	4.1	W
1.0% Occurrence	70	70	0.39	4.2	W
2.0% Occurrence	64	68	0.36	4.3	W
Air Conditioning/ Humid Area Criteria	# of Hours	T ≥ 93°F	T ≥ 80°F	T _{wb} ≥ 73°F	T _{wb} ≥ 67°F
		1	155	1	5

Other Site Data

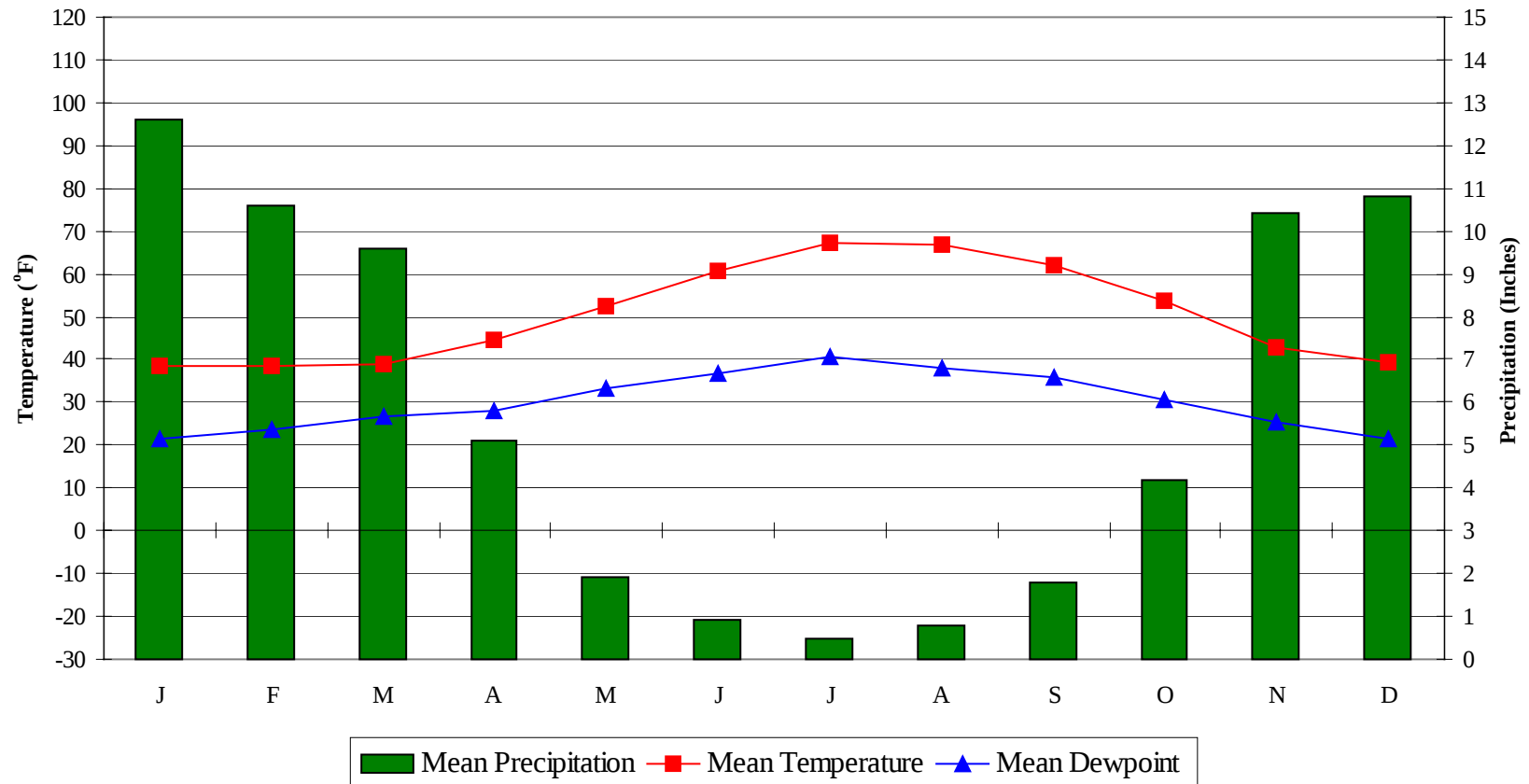
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
6	1.5	85	0.0 + 0.2
Ground Water Temperature (°F) 50 Foot Depth *	Frost Depth 50 Year Recurrence (in.)	Ground Snow Load 50 Year Recurrence (lb/ft ²)	Average Annual Freeze-Thaw Cycles (#)
52.9	0	242	45

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

BLUE CANYON CA

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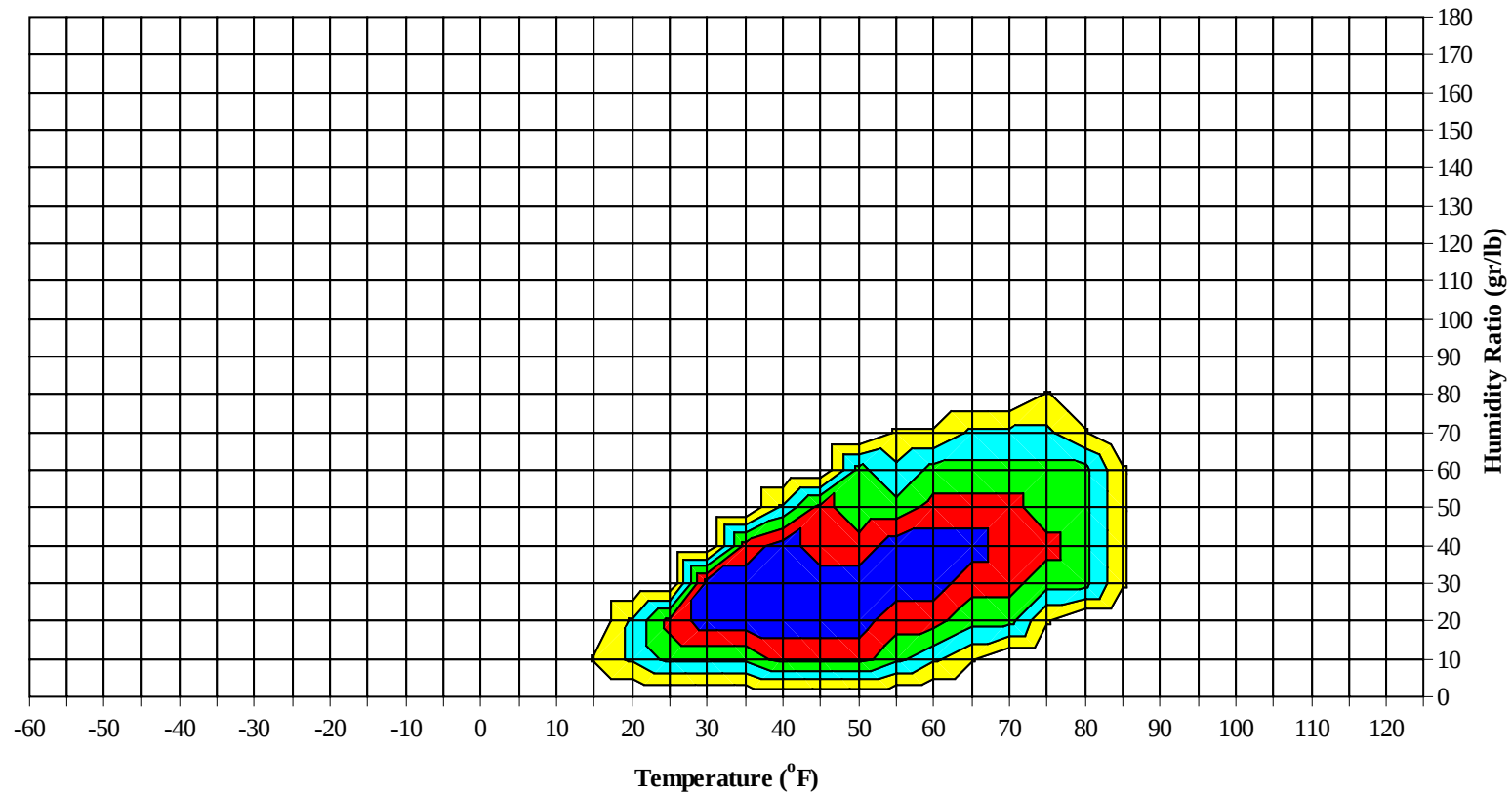
Average Annual Climate



BLUE CANYON CA

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Long Term Psychrometric Summary

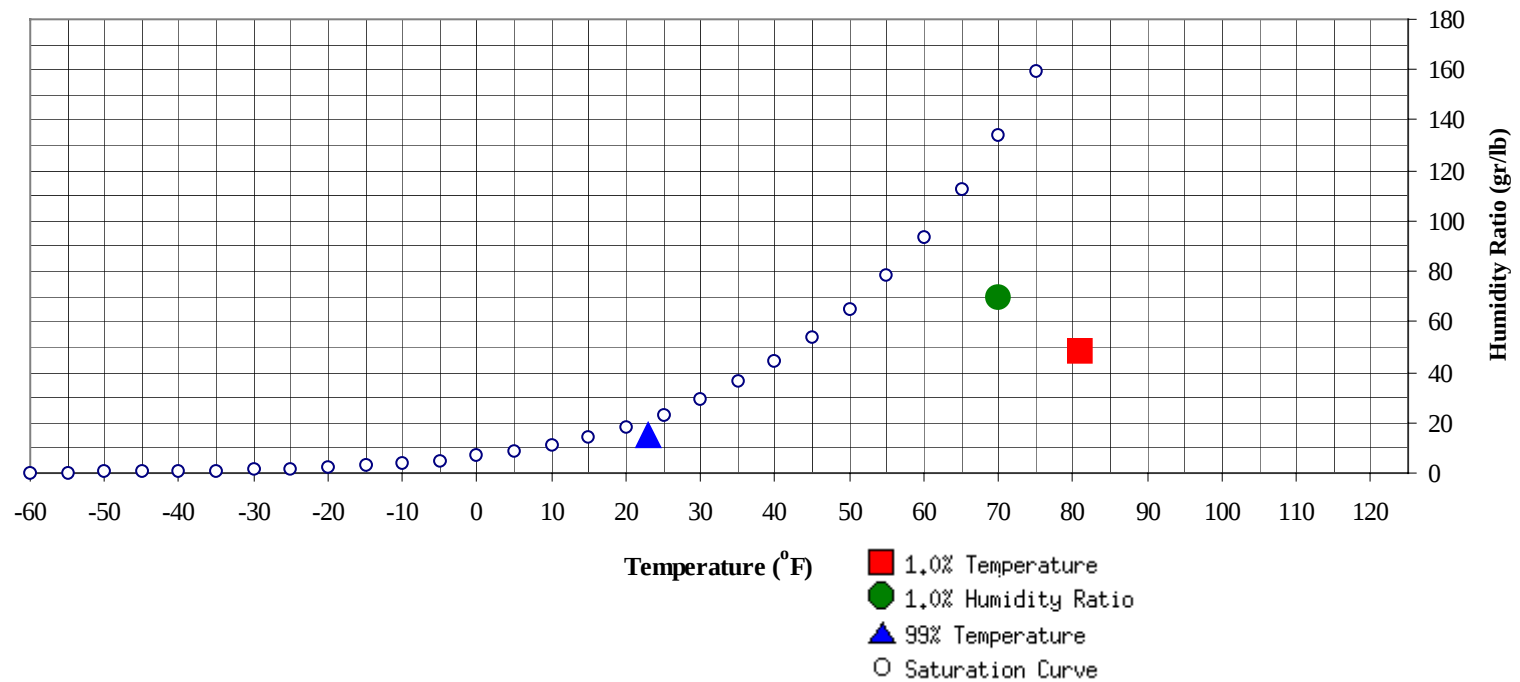


- 50% of all observations
- 80% of all observations
- 95% of all observations
- 97.5% of all observations
- 99% of all observations

BLUE CANYON CA

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Psychrometric Summary of Peak Design Values



	(°F)	MCHR (gr/lb)	Enthalpy (btu/lb)	1.0% Humidity Ratio	(gr/lb)	MCDB (°F)	MCWB (°F)	MC Dewpt (°F)	Enthalpy (btu/lb)
99% Dry Bulb	23	15.3	7.9		70	69.9	58.4	52	27.7

	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
1.0% Dry Bulb	81	48.5	57.7	27.0

BLUE CANYON CA

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

Period of Record = 1973 to 1996

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		
95 / 99															
90 / 94															
85 / 89															
80 / 84															
75 / 79															
70 / 74							0		0	50.5		0		0	55.0
65 / 69		0		0	45.8		2	0	2	46.5		1		1	48.0
60 / 64		7		7	43.1	0	8	1	9	44.1	0	8	0	8	46.1
55 / 59	1	23	2	26	40.7	1	19	3	23	41.9	1	21	4	26	43.3
50 / 54	15	31	20	66	37.8	11	27	17	55	39.1	8	35	15	58	40.6
45 / 49	34	35	33	102	35.5	27	34	32	93	36.6	26	39	32	97	38.0
40 / 44	39	42	46	127	34.0	38	37	39	115	35.0	46	43	52	141	36.2
35 / 39	50	40	51	141	32.2	48	35	48	132	32.7	61	42	59	162	33.4
30 / 34	56	47	55	158	29.4	48	39	47	135	29.7	58	40	56	154	30.0
25 / 29	33	18	29	80	25.1	31	15	25	71	25.3	34	15	27	76	25.4
20 / 24	13	5	11	29	20.7	15	6	10	31	20.7	11	2	5	18	21.5
15 / 19	4	0	2	6	15.7	3	1	1	5	15.7	1		0	1	17.0
10 / 14	0	0	0	0	9.1	1	0	1	2	10.0					
5 / 9	0	0	0	0		0	0	0	0	7.0					
0 / 4	1	0	1	2		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.

BLUE CANYON CA

WMO No. 725845

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

Period of Record = 1973 to 1996

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		
95 / 99												0		0	74.0
90 / 94											0	0		0	75.5
85 / 89							0		0	58.9	0	2		2	61.9
80 / 84	0	0		0	61.6		2	0	2	56.7	0	15	1	16	58.7
75 / 79	0	1		1	53.9	0	10	1	11	55.6	2	36	7	45	56.2
70 / 74	0	5	0	5	51.1	2	26	5	33	53.1	13	47	23	83	53.7
65 / 69	1	15	2	18	48.9	8	41	14	63	50.7	32	50	39	121	51.3
60 / 64	4	27	7	38	46.3	24	39	32	95	48.1	45	37	48	130	48.3
55 / 59	12	32	19	63	43.5	36	41	41	118	45.3	52	22	46	120	45.9
50 / 54	27	40	31	98	41.0	48	30	44	122	42.7	41	13	36	90	43.5
45 / 49	38	33	45	116	38.6	45	22	45	112	40.1	28	10	24	62	41.0
40 / 44	46	30	47	123	36.3	39	15	34	88	37.6	17	4	13	34	38.3
35 / 39	45	29	40	114	33.3	23	14	19	56	34.3	7	2	4	13	35.0
30 / 34	41	22	36	99	30.0	19	8	13	40	30.7	2	0	0	2	32.2
25 / 29	20	5	13	38	25.7	4	0	2	6	26.3					
20 / 24	4	0	1	5	21.9	0			0	22.7					
15 / 19	0			0	18.5										
10 / 14															
5 / 9															
0 / 4															

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BLUE CANYON CA

WMO No. 725845

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

Period of Record = 1973 to 1996

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		
95 / 99						0			0	61.6					
90 / 94		1		1	60.6	2	0		2	61.6		1		1	59.3
85 / 89		8	0	8	60.0	0	10	0	10	59.7		2	0	2	56.9
80 / 84	1	39	5	45	59.0	1	39	5	45	57.4	0	19	1	20	56.0
75 / 79	8	76	22	105	56.9	8	62	19	89	55.5	2	43	6	51	54.5
70 / 74	37	58	50	145	54.6	32	64	44	141	53.4	13	58	23	94	52.5
65 / 69	64	37	65	167	52.2	56	41	61	158	51.1	38	42	49	130	50.2
60 / 64	64	18	56	138	49.6	72	19	63	153	48.9	56	29	51	136	48.0
55 / 59	44	7	30	81	47.0	44	8	33	85	46.6	54	18	45	117	45.9
50 / 54	19	2	14	35	44.3	23	3	18	44	44.9	35	12	32	79	44.3
45 / 49	9	1	6	16	42.2	9	1	5	15	42.6	25	9	19	53	42.2
40 / 44	2	0	1	3	38.5	2	0	0	2	39.9	11	3	10	24	39.2
35 / 39	0			0	35.4	0			0	37.0	5	2	4	11	35.3
30 / 34											0	0		0	32.0
25 / 29															
20 / 24															
15 / 19															
10 / 14															
5 / 9															
0 / 4															

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BLUE CANYON CA

WMO No. 725845

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

Period of Record = 1973 to 1996

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		
95 / 99															
90 / 94															
85 / 89		1		1	57.2										
80 / 84		4		4	54.2										
75 / 79	0	13	1	14	52.8		0		0	49.0					
70 / 74	4	23	6	33	50.6		1		1	47.6		0		0	51.0
65 / 69	11	40	15	66	48.4		8	0	8	47.3		1		1	46.0
60 / 64	24	49	27	100	46.5	2	20	4	26	44.9		7	0	7	43.6
55 / 59	42	39	50	132	44.0	12	30	15	57	42.3	2	21	4	27	40.8
50 / 54	56	27	53	137	41.8	29	36	33	98	40.0	11	32	14	57	38.0
45 / 49	45	20	43	109	40.2	42	39	40	122	38.0	35	40	36	111	35.7
40 / 44	31	16	27	74	37.1	45	39	48	133	36.1	53	47	57	157	34.7
35 / 39	20	9	18	47	33.5	47	32	48	128	32.8	57	41	55	153	32.4
30 / 34	12	5	9	26	30.0	36	25	33	94	29.4	47	38	48	133	29.1
25 / 29	1	0	0	1	26.9	20	8	16	44	25.0	31	16	25	72	24.8
20 / 24						5	1	3	9	20.3	9	3	8	20	19.6
15 / 19						1		0	1	15.3	1	1	2	4	14.6
10 / 14						0		0	0	12.0	1	0	1	2	10.1
5 / 9						0		0	0		0	0	0	0	6.2
0 / 4						0		0	0						

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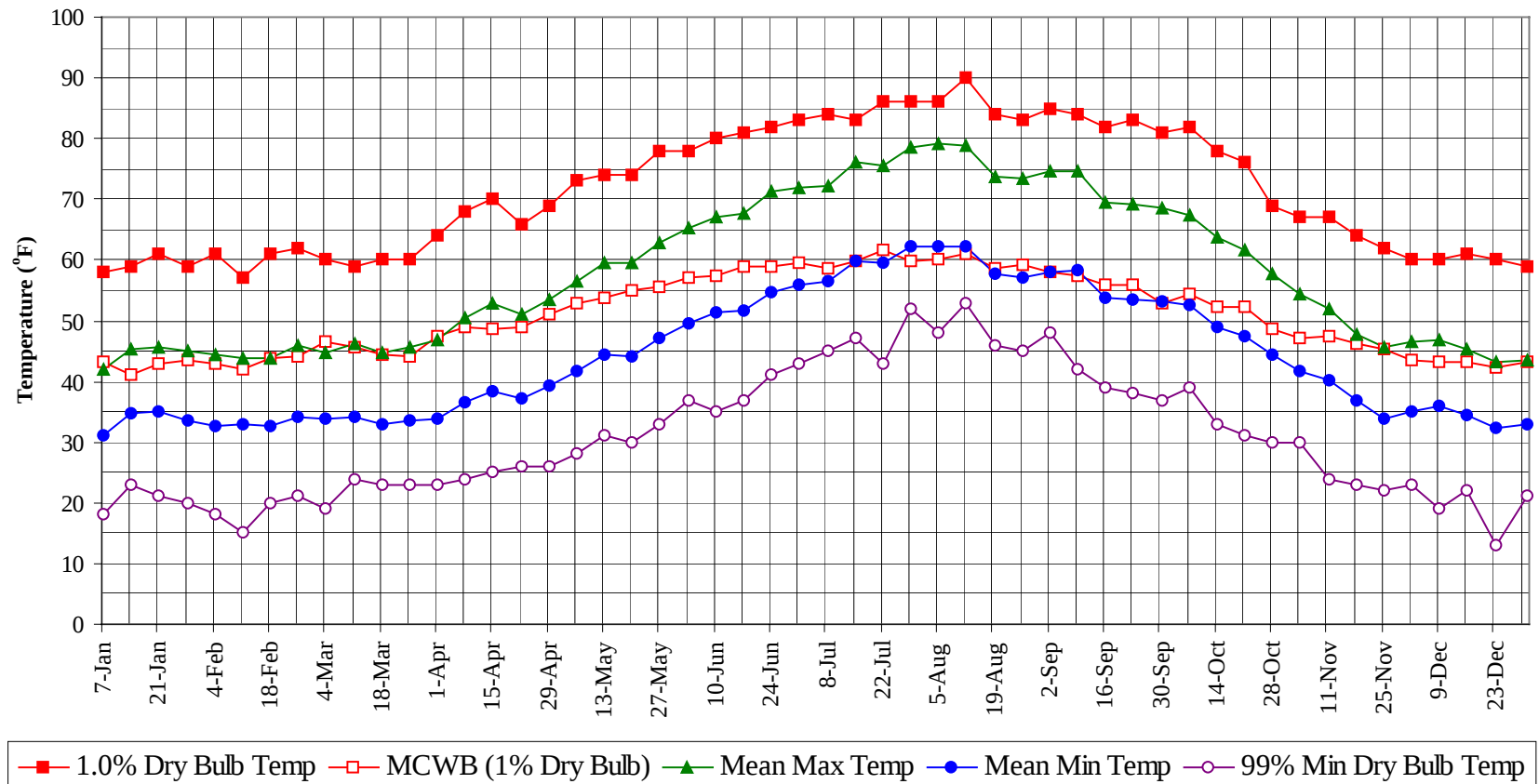
Dry-Bulb Temperature Hours For An Average Year (Sheet 5 of 5)

Period of Record = 1973 to 1996

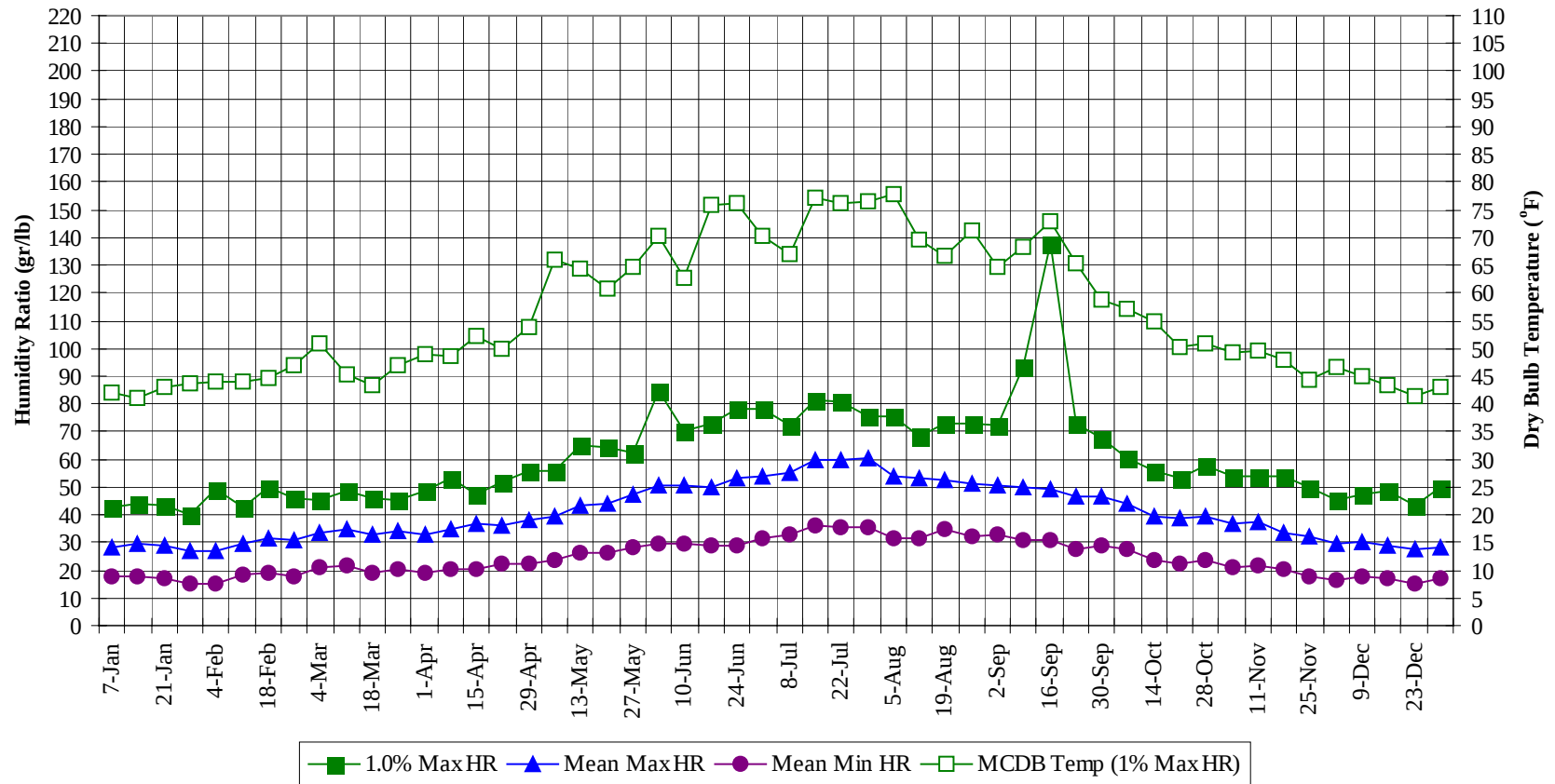
Annual Totals					
Temperature Range (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00		
95 / 99	0			0	62.7
90 / 94	0	3	0	3	61.3
85 / 89	0	22	1	23	59.6
80 / 84	2	117	11	130	57.8
75 / 79	20	238	54	312	55.8
70 / 74	100	281	147	527	53.4
65 / 69	208	278	242	728	50.8
60 / 64	288	271	285	844	48.0
55 / 59	301	282	290	873	44.8
50 / 54	325	292	327	944	41.5
45 / 49	368	285	360	1012	38.4
40 / 44	373	280	375	1027	35.9
35 / 39	368	249	347	963	32.9
30 / 34	322	226	298	846	29.7
25 / 29	174	79	136	389	25.2
20 / 24	57	17	39	113	20.7
15 / 19	10	2	6	18	15.6
10 / 14	2	0	2	4	10.0
5 / 9	1	0	0	1	6.7
0 / 4	1	0	1	2	
			</		

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Annual Summary of Temperatures

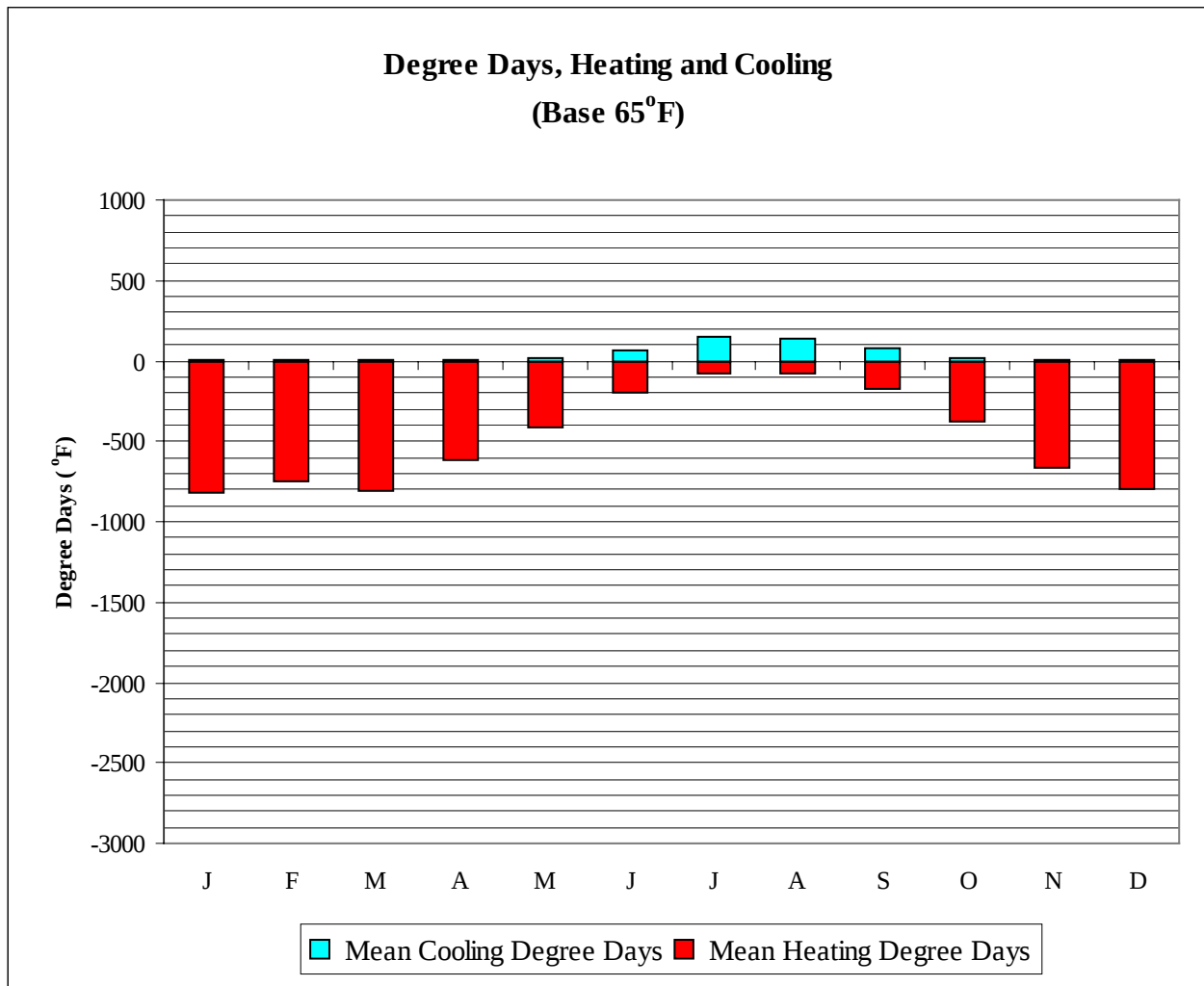


Long Term Humidity and Dry Bulb Temperature Summary



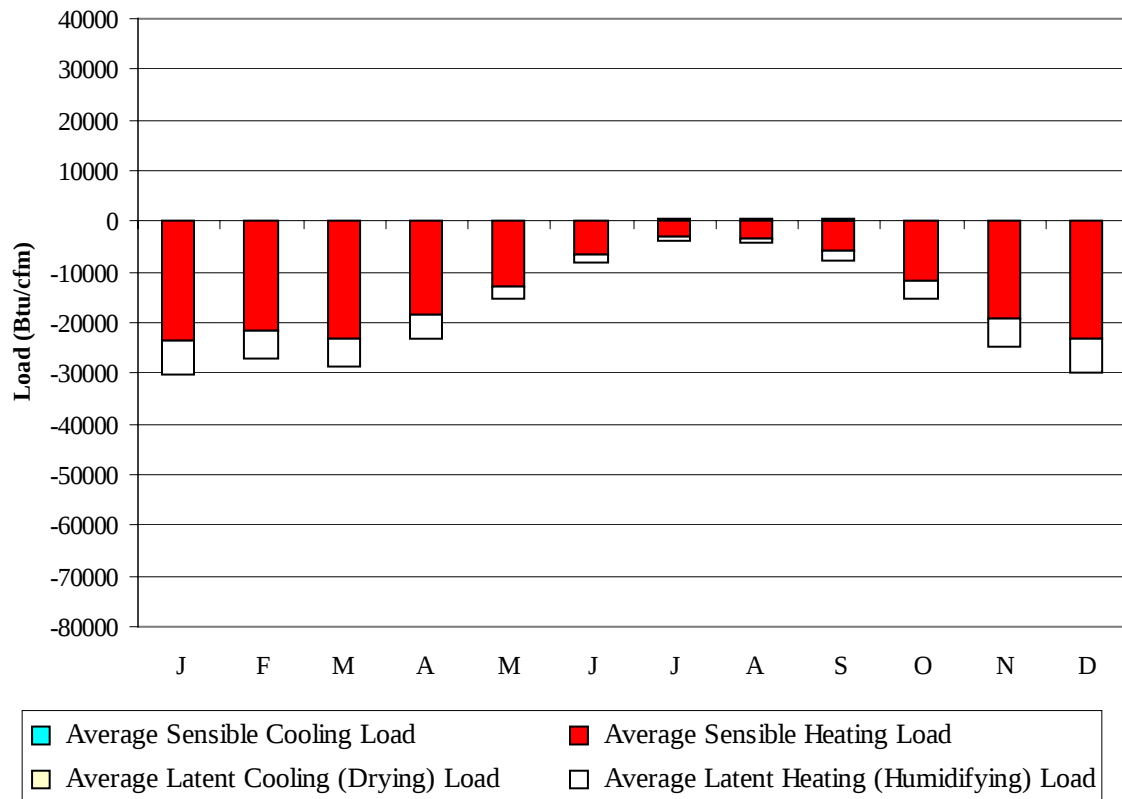
BLUE CANYON CA**WMO No. 725845****Long Term Dry Bulb Temperature and Humidity Summary**

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	58.0	43.2	42.0	31.1	18.0	42.7	41.9	27.9	17.5
14-Jan	59.0	41.2	45.2	34.8	23.0	44.1	40.9	29.6	17.5
21-Jan	61.0	42.9	45.5	35.0	21.0	43.4	42.9	28.6	17.1
28-Jan	59.0	43.6	45.1	33.4	20.0	39.9	43.7	27.0	15.2
4-Feb	61.0	42.8	44.5	32.8	18.0	49.0	44.2	26.9	14.8
11-Feb	57.0	42.0	43.8	33.1	15.0	42.7	44.1	29.9	18.3
18-Feb	61.0	43.7	43.7	32.7	20.0	49.7	44.6	31.6	18.9
25-Feb	62.0	44.0	45.9	34.3	21.0	46.2	46.8	30.8	17.5
4-Mar	60.0	46.6	44.7	33.9	19.0	45.5	50.9	33.6	20.9
11-Mar	59.0	45.6	46.1	34.2	24.0	48.3	45.2	35.1	21.7
18-Mar	60.0	44.3	44.7	32.9	23.0	46.2	43.3	32.9	19.2
25-Mar	60.0	44.0	45.6	33.6	23.0	45.5	46.8	34.1	20.3
1-Apr	64.0	47.3	46.8	33.9	23.0	48.3	48.9	32.6	18.9
8-Apr	68.0	48.9	50.4	36.5	24.0	53.2	48.7	34.6	20.1
15-Apr	70.0	48.5	53.0	38.3	25.0	47.6	52.3	36.5	20.4
22-Apr	66.0	49.0	50.9	37.1	26.0	51.8	50.0	36.1	22.0
29-Apr	69.0	50.9	53.6	39.4	26.0	56.0	53.8	38.1	22.3
6-May	73.0	52.8	56.4	41.6	28.0	56.0	65.9	39.4	23.5
13-May	74.0	53.8	59.4	44.3	31.0	65.1	64.4	43.1	26.2
20-May	74.0	55.1	59.6	44.2	30.0	64.4	60.7	44.2	26.0
27-May	78.0	55.6	62.8	47.2	33.0	62.3	64.6	47.6	28.3
3-Jun	78.0	57.2	65.2	49.7	37.0	84.7	70.3	50.6	29.7
10-Jun	80.0	57.4	66.9	51.2	35.0	70.0	62.8	50.5	29.5
17-Jun	81.0	58.8	67.6	51.5	37.0	72.8	75.9	49.6	28.9
24-Jun	82.0	59.0	71.3	54.8	41.0	78.4	76.2	53.0	29.2
1-Jul	83.0	59.4	71.9	56.0	43.0	78.4	70.3	54.0	31.4
8-Jul	84.0	58.7	72.2	56.4	45.0	72.1	66.8	55.2	32.6
15-Jul	83.0	59.9	76.0	59.8	47.0	81.2	77.0	59.6	35.9
22-Jul	86.0	61.8	75.5	59.5	43.0	80.5	76.3	59.5	35.4
29-Jul	86.0	59.8	78.6	62.4	52.0	75.6	76.6	60.1	35.3
5-Aug	86.0	60.0	79.0	62.2	48.0	75.6	77.7	53.6	31.8
12-Aug	90.0	61.1	78.8	62.2	53.0	68.6	69.6	53.1	31.4
19-Aug	84.0	58.7	73.8	57.7	46.0	72.8	66.6	52.9	34.7
26-Aug	83.0	59.1	73.6	57.2	45.0	72.8	71.4	51.1	32.0
2-Sep	85.0	58.1	74.8	58.0	48.0	72.1	64.7	50.4	32.5
9-Sep	84.0	57.3	74.7	58.3	42.0	93.1	68.3	50.0	31.0
16-Sep	82.0	55.8	69.6	53.9	39.0	137.9	72.8	49.6	31.1
23-Sep	83.0	56.0	69.1	53.6	38.0	72.8	65.5	46.4	27.8
30-Sep	81.0	53.0	68.4	53.2	37.0	67.9	58.8	46.6	28.8
7-Oct	82.0	54.4	67.5	52.6	39.0	60.2	57.3	43.7	27.3
14-Oct	78.0	52.3	63.7	49.0	33.0	56.0	54.8	39.3	23.4
21-Oct	76.0	52.3	61.6	47.5	31.0	53.2	50.4	38.6	22.3
28-Oct	69.0	48.6	57.7	44.5	30.0	58.1	50.9	39.4	23.5
4-Nov	67.0	47.1	54.3	41.8	30.0	53.9	49.1	37.0	21.3
11-Nov	67.0	47.3	52.0	40.1	24.0	53.9	49.5	37.2	21.4
18-Nov	64.0	46.3	47.7	36.8	23.0	53.9	48.0	33.7	20.3
25-Nov	62.0	45.4	45.6	34.0	22.0	49.7	44.2	32.2	17.9
2-Dec	60.0	43.5	46.5	35.0	23.0	45.5	46.6	29.4	16.4
9-Dec	60.0	43.2	46.8	36.0	19.0	47.6	44.9	30.5	17.4
16-Dec	61.0	43.2	45.3	34.4	22.0	48.3	43.2	29.0	16.8
23-Dec	60.0	42.4	43.2	32.2	13.0	43.4	41.3	27.4	15.0
31-Dec	59.0	43.3	43.5	33.1	21.0	49.7	43.0	28.5	17.0



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	0	818
FEB	0	743
MAR	0	807
APR	3	621
MAY	19	408
JUN	68	192
JUL	146	74
AUG	137	83
SEP	79	168
OCT	23	373
NOV	1	659
DEC	0	795
ANN	476	5741

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 Load	Average Latent Heating Load
	(Btu/cfm)	(Btu/cfm)	(Btu/cfm)	(Btu/cfm)
JAN	0	-23621	0	-6829
FEB	0	-21438	0	-5856
MAR	0	-23317	0	-5308
APR	4	-18393	0	-4601
MAY	28	-12700	5	-2693
JUN	206	-6579	8	-1664
JUL	628	-3001	0	-708
AUG	612	-3314	0	-995
SEP	272	-5881	131	-1794
OCT	54	-11784	0	-3515
NOV	0	-19397	0	-5220
DEC	0	-23022	0	-6728
ANN	1804	-172447	144	-45911

Average Annual Solar Radiation – Nearest Available Site

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

City: RENO
 State: NV
 WBAN No: 23185
 Lat(N): 39.5
 Long(W): 119.78
 Elev(ft): 4400

Stn Type: Secondary
 SHADING GEOMETRY IN DIMENSIONLESS UNITS
 Window: 1
 Overhang: 0.519
 Vert Gap: 0.318

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	730	1020	1430	1870	2210	2420	2480	2200	1810	1310	820	650	1580
	Std Dev	61	102	123	151	147	140	92	132	121	63	75	64	43
	Minimum	630	830	1130	1550	1900	2130	2290	1900	1480	1190	670	500	1460
	Maximum	860	1260	1710	2180	2410	2650	2680	2380	2030	1410	970	790	1670
	Diffuse	300	390	510	630	670	640	530	500	400	340	310	260	460
Clear Day	Global	960	1330	1830	2330	2670	2790	2710	2420	1980	1460	1030	860	1870
NORTH	Global	200	270	350	450	590	690	650	490	360	290	220	180	400
	Diffuse	200	270	350	440	500	510	490	440	360	290	220	180	350
Clear Day	Global	180	230	310	420	600	730	670	480	340	260	190	160	380
EAST	Global	510	690	920	1160	1330	1420	1470	1360	1170	900	570	470	1000
	Diffuse	250	330	440	540	600	600	580	540	450	360	270	230	430
Clear Day	Global	750	960	1230	1450	1560	1590	1560	1470	1280	1020	790	690	1200
SOUTH	Global	1260	1350	1320	1170	960	860	930	1150	1460	1600	1310	1240	1220
	Diffuse	370	440	510	550	560	540	520	510	480	440	380	340	470
Clear Day	Global	2060	2080	1890	1450	1080	920	980	1270	1690	1990	2040	2010	1620
WEST	Global	520	670	890	1100	1230	1300	1370	1260	1130	870	570	480	950
	Diffuse	260	340	450	550	610	610	580	540	450	360	280	230	440
Clear Day	Global	750	960	1230	1450	1560	1590	1560	1470	1280	1020	790	690	1200

Average Annual Solar Heat and Illumination – Nearest Available Site

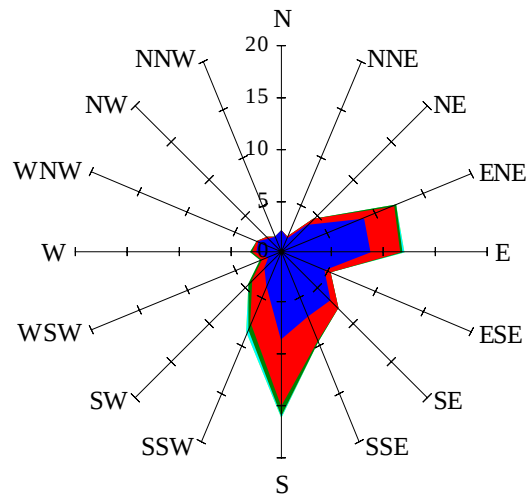
(Source: National Renewable Energy Laboratory, Golden CO, 1995)

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	470	690	1010	1350	1620	1770	1830	1610	1300	900	540	410	1130
NORTH	Unshaded	140	190	240	310	380	430	400	320	250	200	150	130	260
	Shaded	130	170	220	280	340	390	370	290	230	180	140	110	240
EAST	Unshaded	350	490	660	830	950	1020	1050	980	840	640	400	320	710
	Shaded	320	440	580	730	820	870	910	850	740	570	360	290	620
SOUTH	Unshaded	950	990	910	750	570	490	530	700	970	1150	980	940	830
	Shaded	930	920	720	480	350	340	330	390	680	1020	950	920	670
WEST	Unshaded	360	470	630	780	880	930	980	900	800	610	400	330	670
	Shaded	330	420	560	680	760	800	840	780	710	550	360	300	590

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	75	83	66	28	52	88	104	98	71
	M.Cloudy	29	53	60	46	18	39	67	82	76	50
NORTH	M.Clear	10	14	15	13	8	18	15	16	16	14
	M.Cloudy	10	15	16	14	7	16	17	18	18	15
EAST	M.Clear	81	56	15	13	8	86	73	29	16	14
	M.Cloudy	41	38	16	14	7	54	54	27	18	15
SOUTH	M.Clear	44	75	83	66	27	11	32	46	41	19
	M.Cloudy	25	48	56	42	15	12	28	40	35	17
WEST	M.Clear	10	14	25	70	72	11	15	16	54	84
	M.Cloudy	10	15	22	44	33	12	17	18	44	53
M.Clear	(% hrs)	38	36	34	31	31	67	66	61	54	51
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	32	71	89	81	50	17	43	48	30	2
	M.Cloudy	22	50	68	60	33	11	29	32	20	2
NORTH	M.Clear	8	13	15	14	11	6	10	10	8	1
	M.Cloudy	8	14	17	16	11	5	10	11	8	1
EAST	M.Clear	78	73	26	14	11	49	40	10	8	1
	M.Cloudy	38	47	24	16	11	18	22	11	8	1
SOUTH	M.Clear	24	61	78	70	40	46	87	94	67	7
	M.Cloudy	15	41	59	50	25	17	41	45	30	3
WEST	M.Clear	8	13	15	56	83	6	10	24	53	10
	M.Cloudy	8	14	17	41	44	5	10	17	25	4
M.Clear	(% hrs)	75	74	71	69	67	34	36	37	35	38

Wind Summary - December, January, and February

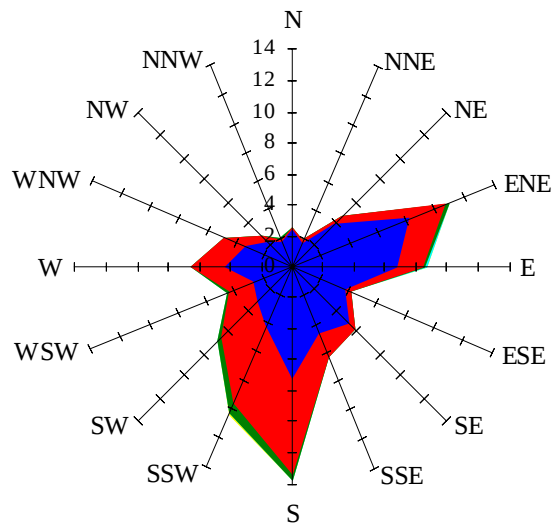
Labels of Percent Frequency on North Axis



Percent Calm = 6.89

Wind Summary - March, April, and May

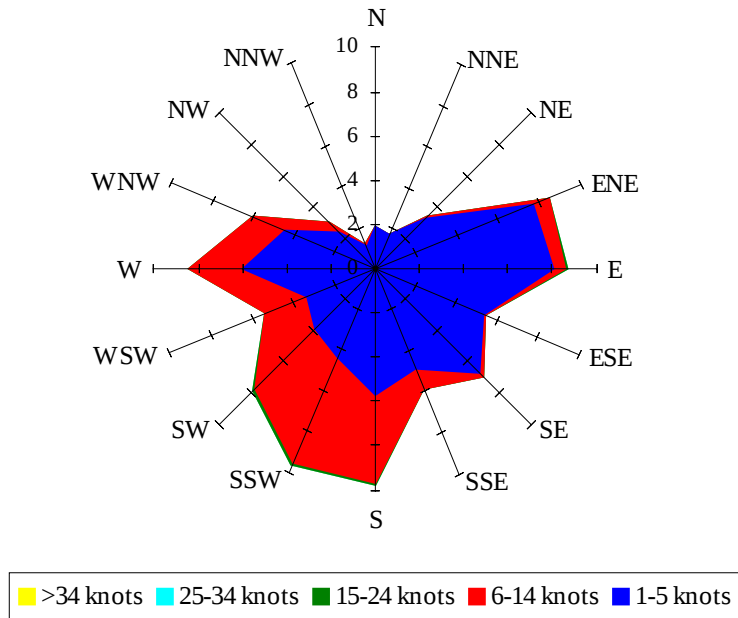
Labels of Percent Frequency on North Axis



Percent Calm = 5.09

Wind Summary - June, July, and August

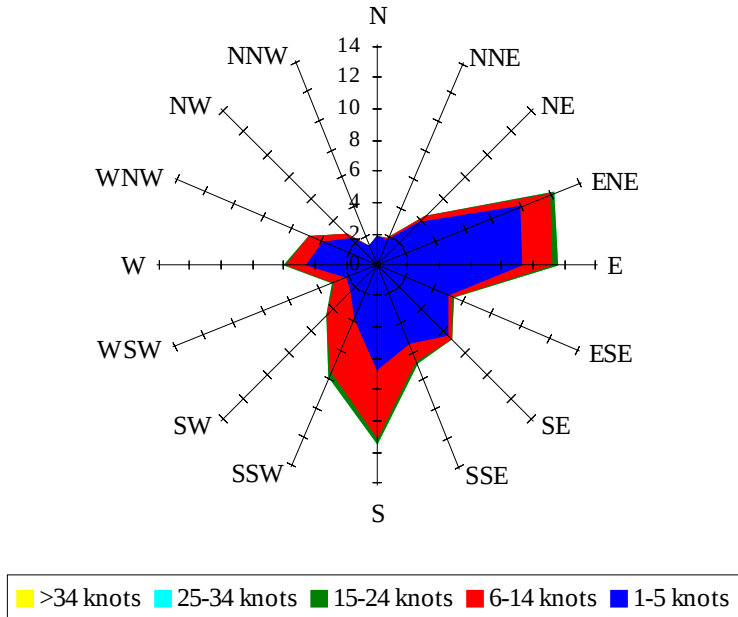
Labels of Percent Frequency on North Axis



Percent Calm = 6.94

Wind Summary - September, October, and November

Labels of Percent Frequency on North Axis



Percent Calm = 8.63