

SAN DIEGO/LINDBERG CA

Latitude = 32.73 N

WMO No. 722900

Longitude = 117.10 W

Elevation = 30 feet

Period of Record = 1973 to 1996

Average Pressure = 29.92 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	94	66	53	11.5	NW
0.4% Occurrence	85	68	76	10.2	NW
1.0% Occurrence	82	68	80	10.4	WNW
2.0% Occurrence	79	67	83	10.6	WNW
Mean Daily Range	12	-	-	-	-
97.5% Occurrence	49	44	34	3.6	N
99.0% Occurrence	47	42	31	3.4	N
99.6% Occurrence	45	40	27	3.4	NNW
Median of Extreme Lows	39	33	19	3.7	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	74	82	113	9.5	NW
0.4% Occurrence	73	80	111	9.2	WNW
1.0% Occurrence	72	79	107	9.1	WNW
2.0% Occurrence	70	77	99	9.3	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	120	81	0.79	9.9	S
0.4% Occurrence	115	78	0.77	8.8	WNW
1.0% Occurrence	107	77	0.72	8.3	WNW
2.0% Occurrence	103	75	0.69	8.0	WNW
Air Conditioning/ Humid Area Criteria	# of Hours	T ≥ 93°F	T ≥ 80°F	T _{wb} ≥ 73°F	T _{wb} ≥ 67°F
		5	168	52	844

Other Site Data

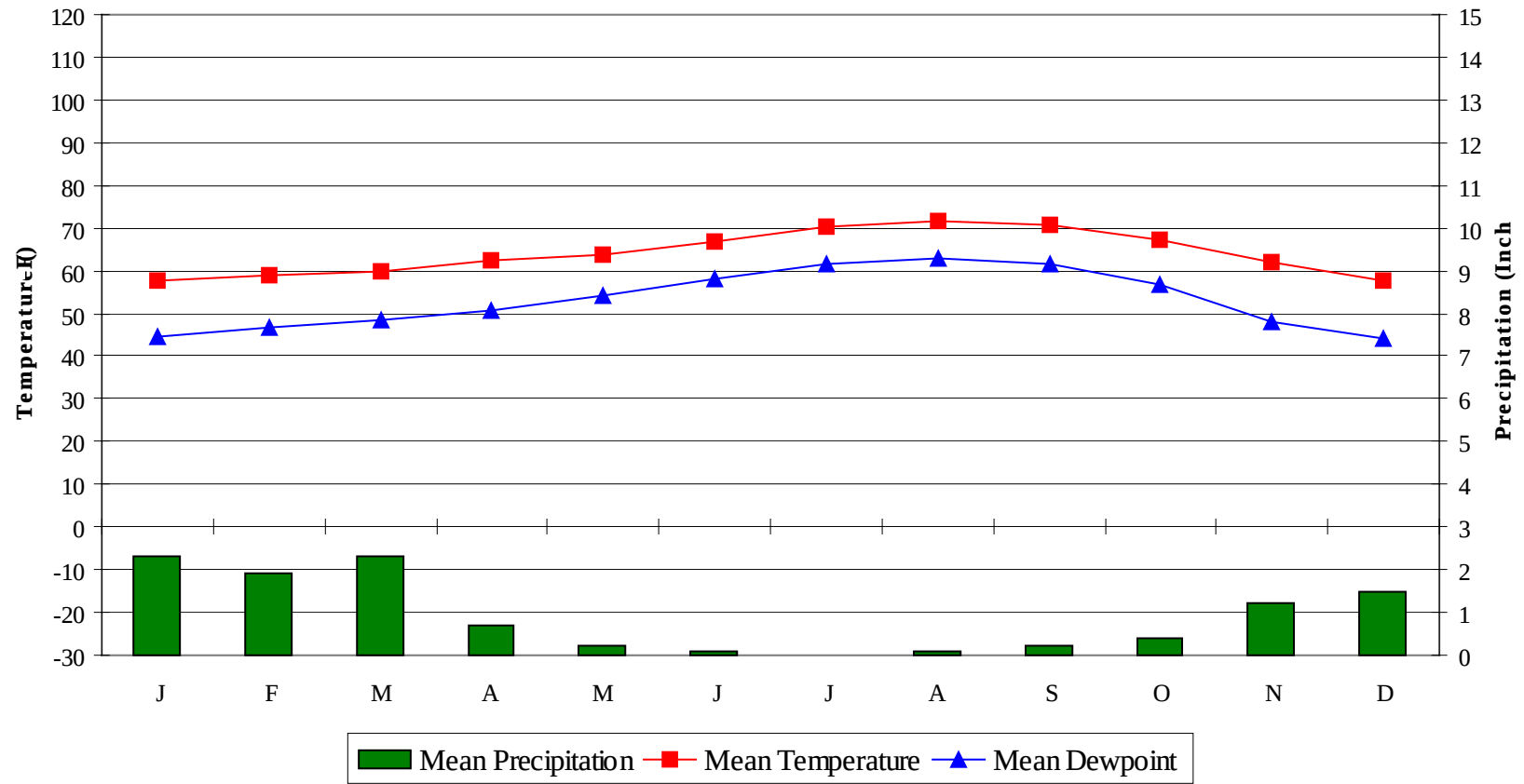
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
9	1.5	85	1.1 + 0.2
Ground Water Temperature (°F) 50 Foot Depth *	Frost Depth 50 Year Recurrence (in.)	Ground Snow Load 50 Year Recurrence (lb/ft ²)	Average Annual Freeze-Thaw Cycles (#)
66.6	0	0	0

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

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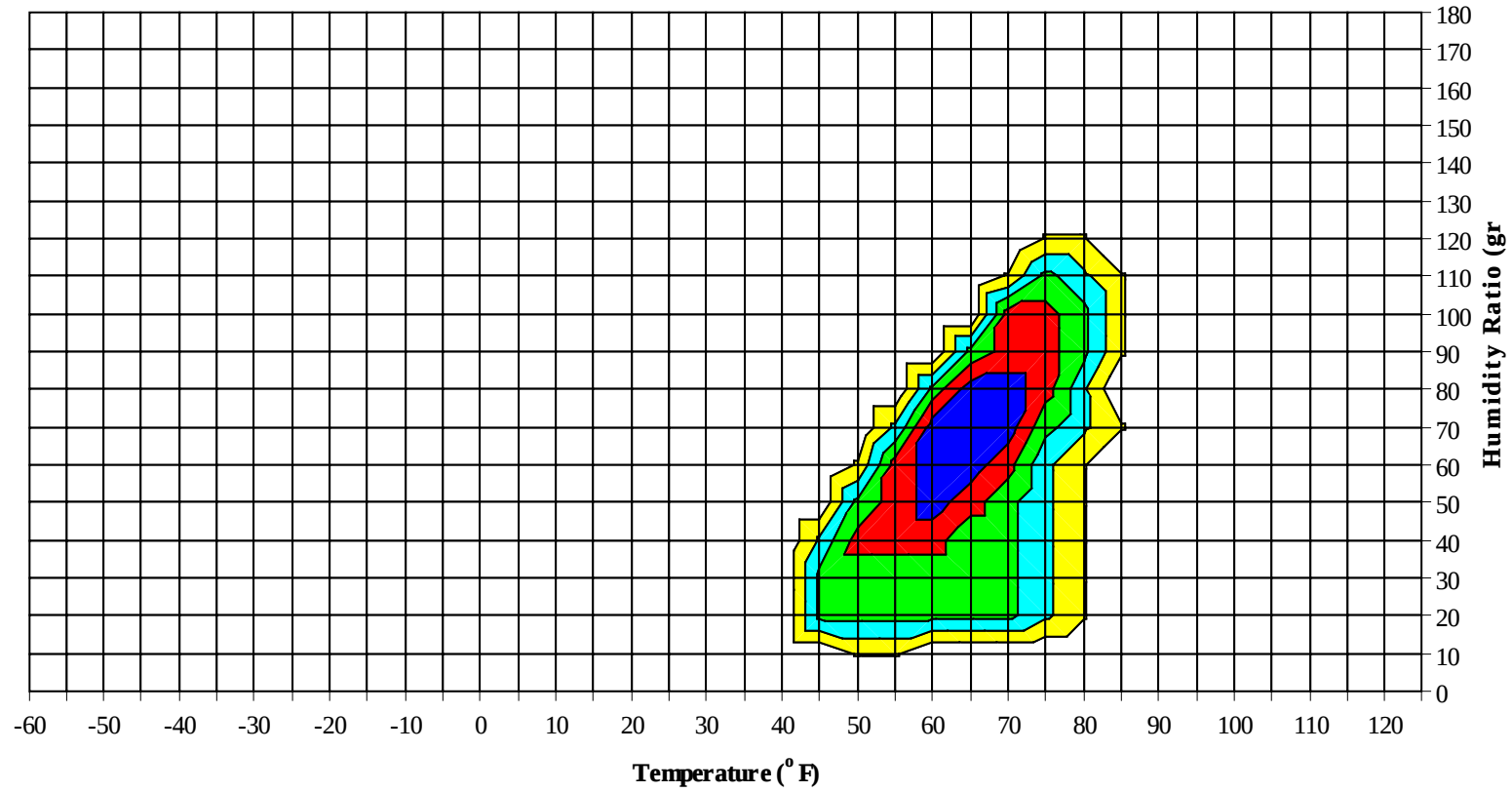
Average Annual Climate



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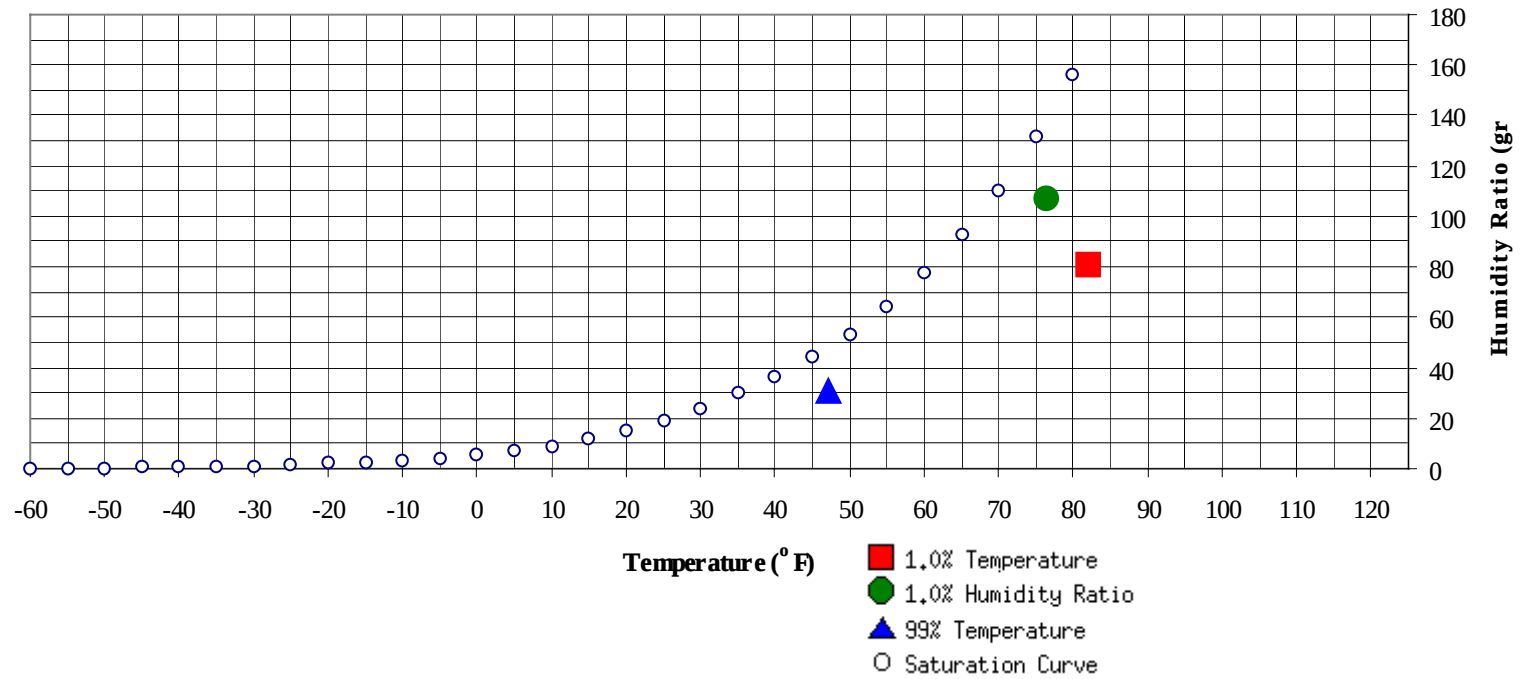
Long Term Psychrometric Summary



- 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

	(°F)	MCHR	Enthalpy	1.0% Humidity	(gr/lb)	MCDB	MCWB	MC Dewpt	Enthalpy
		(gr/lb)	(btu/lb)			(°F)	(°F)	(°F)	(btu/lb)
99% Dry Bulb	47	30.9	16.1	Ratio	107.1	76.3	71.3	69.1	35.1

	(°F)	MCHR	MCWB	Enthalpy
		(gr/lb)	(°F)	(btu/lb)
1.0% Dry Bulb	82	80.5	67.8	32.3

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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		
105 / 109															
100 / 104															
95 / 99															
90 / 94															
85 / 89		0		0	55.8		0	0	0	64.8		0		0	59.4
80 / 84		2	0	2	55.7		3	0	3	57.7		1	0	1	59.8
75 / 79		8	1	9	54.6		9	1	10	56.5		1	0	2	57.5
70 / 74	0	21	3	25	54.3	0	19	5	24	55.9	0	6	1	7	56.6
65 / 69	0	48	13	61	55.0	2	46	15	63	56.3	0	19	4	23	56.7
60 / 64	21	94	64	180	55.0	21	93	73	187	55.5	2	65	18	85	57.4
55 / 59	67	61	116	244	51.9	21	93	73	187	55.5	39	113	97	249	55.7
50 / 54	67	61	116	244	51.9	92	46	102	240	52.6	131	39	111	281	52.7
45 / 49	93	12	44	149	47.4	79	8	25	111	47.7	64	3	15	83	48.2
40 / 44	56	1	7	64	42.2	27	1	3	31	42.7	11	0	1	12	43.5
35 / 39	9	0	0	10	37.3	3			3	37.4	0			0	41.5
	1			1	32.2	0			0	32.8	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 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		
105 / 109															
100 / 104															
95 / 99		0		0	61.5							1	0	1	63.1
90 / 94		0	0	1	60.7		0		0	62.0		1	0	1	64.8
85 / 89		1	0	1	60.3		1	0	1	62.5	0	2	1	3	66.9
80 / 84	0	4	1	5	59.3	0	3	0	3	62.7	0	6	2	8	67.2
75 / 79	0	12	3	14	59.0	0	7	2	9	63.7	1	22	6	29	66.8
70 / 74	1	32	8	41	59.9	2	48	8	58	62.6	12	90	30	131	64.3
65 / 69	7	96	33	137	58.5	34	124	67	225	60.2	80	101	108	289	61.5
60 / 64	93	84	131	308	56.3	151	64	143	357	57.2	139	16	92	247	58.9
55 / 59	116	9	61	187	53.0	59	2	27	89	53.7	7	0	3	10	55.1
50 / 54	21	1	3	25	48.8	2	0	0	2	49.4			0	0	
45 / 49	1		0	1	43.9	0			0	43.0					
40 / 44			0	0	42.0										
35 / 39															

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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		
105 / 109												0		0	72.0
100 / 104												0		0	71.0
95 / 99												1	0	1	70.0
90 / 94		1	0	1	70.2		0		0	70.7		3	0	3	69.6
85 / 89	0	3	0	4	71.1	0	5	0	5	71.7	0	9	2	10	70.4
80 / 84	0	17	3	20	70.6	1	26	4	31	71.4	1	24	6	31	70.7
75 / 79	7	70	18	95	68.6	11	93	28	132	69.2	12	64	25	101	68.9
70 / 74	57	123	85	266	65.7	84	112	112	308	66.3	60	110	81	252	65.9
65 / 69	142	32	122	296	62.9	135	13	100	248	63.3	128	30	114	272	62.8
60 / 64	41	1	19	62	60.3	15	0	4	19	61.0	35	1	12	48	59.7
55 / 59	0	0		0	57.0	0			0	57.8	2			2	55.3
50 / 54															
45 / 49															
40 / 44															
35 / 39															

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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		
105 / 109															
100 / 104		0		0	68.0										
95 / 99		0		0	69.3		0		0	60.0					
90 / 94		2	0	2	65.3		0		0	62.7					
85 / 89		4	0	5	62.3		2	0	2	60.0		0		0	59.5
80 / 84	0	10	1	12	63.2		6	0	7	57.8		1		1	55.8
75 / 79	1	33	7	41	64.4	0	17	2	18	57.1		7	0	7	54.2
70 / 74	14	107	45	166	64.0	1	44	10	54	58.3		22	2	24	54.1
65 / 69	92	83	122	298	61.7	8	92	41	141	58.3	2	55	11	67	55.3
60 / 64	103	8	69	180	58.6	63	64	115	242	56.4	16	100	66	182	54.9
55 / 59	34	0	3	37	52.9	95	13	61	170	52.2	64	50	114	228	52.0
50 / 54	3		0	3	47.6	54	1	11	67	46.6	94	11	46	151	47.0
45 / 49	0			0	43.0	16	0	1	17	41.3	58	2	8	68	42.3
40 / 44						2			2	37.5	12	0	1	13	36.5
35 / 39											2			2	32.3

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

Period of Record = 1973 to 1996

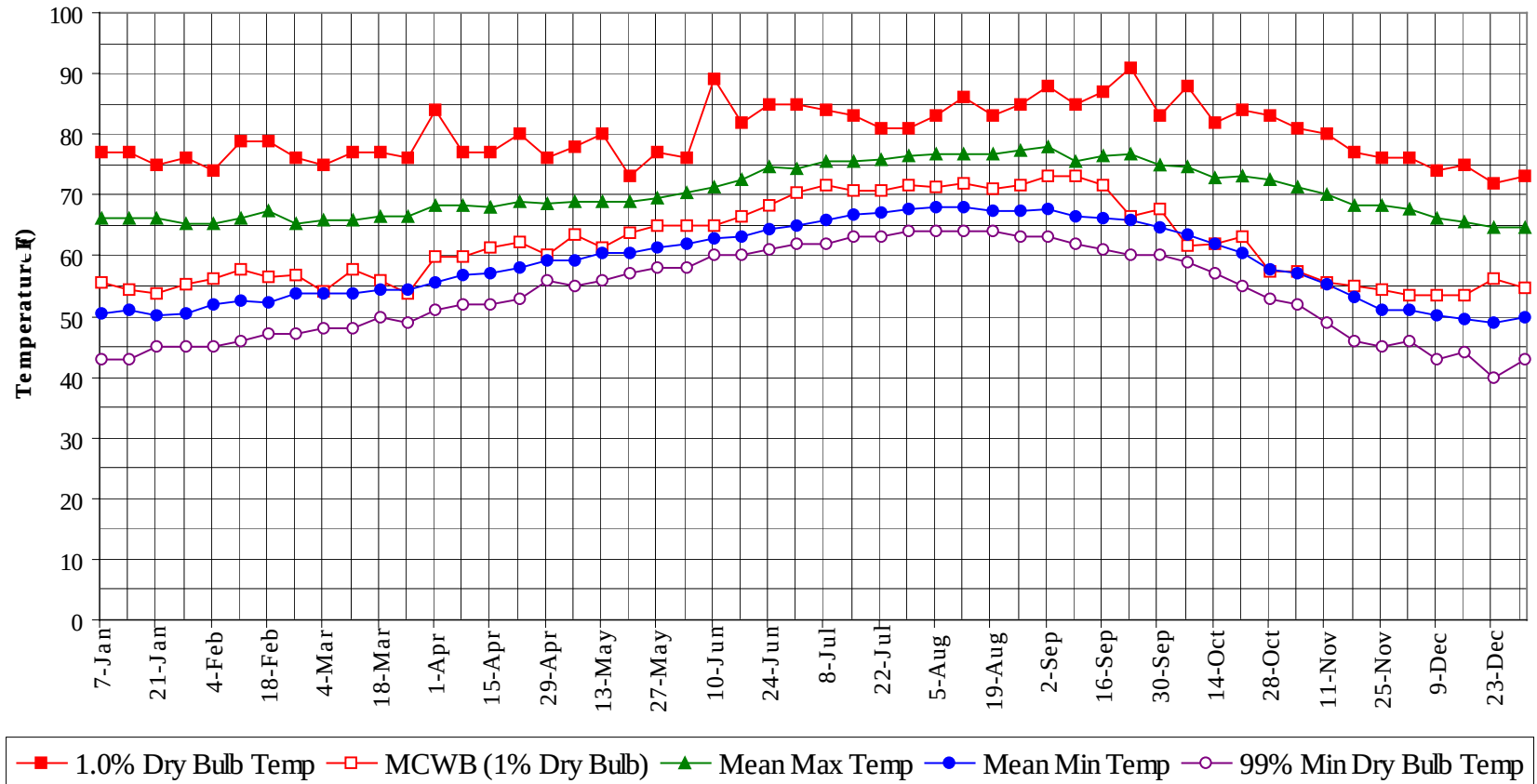
Annual Totals					
Temperature Range (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00		
105 / 109		0		0	72.0
100 / 104		0		0	70.5
95 / 99		2	0	2	66.6
90 / 94		7	1	8	66.6
85 / 89	1	28	5	33	67.7
80 / 84	3	104	18	124	67.7
75 / 79	33	346	93	473	66.6
70 / 74	232	747	393	1373	64.2
65 / 69	632	785	764	2180	60.9
60 / 64	737	639	885	2261	56.8
55 / 59	670	222	599	1491	52.5
50 / 54	410	37	144	591	47.5
45 / 49	170	3	20	193	42.3
40 / 44	26	0	1	27	37.0
35 / 39	3			3	32.3

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.

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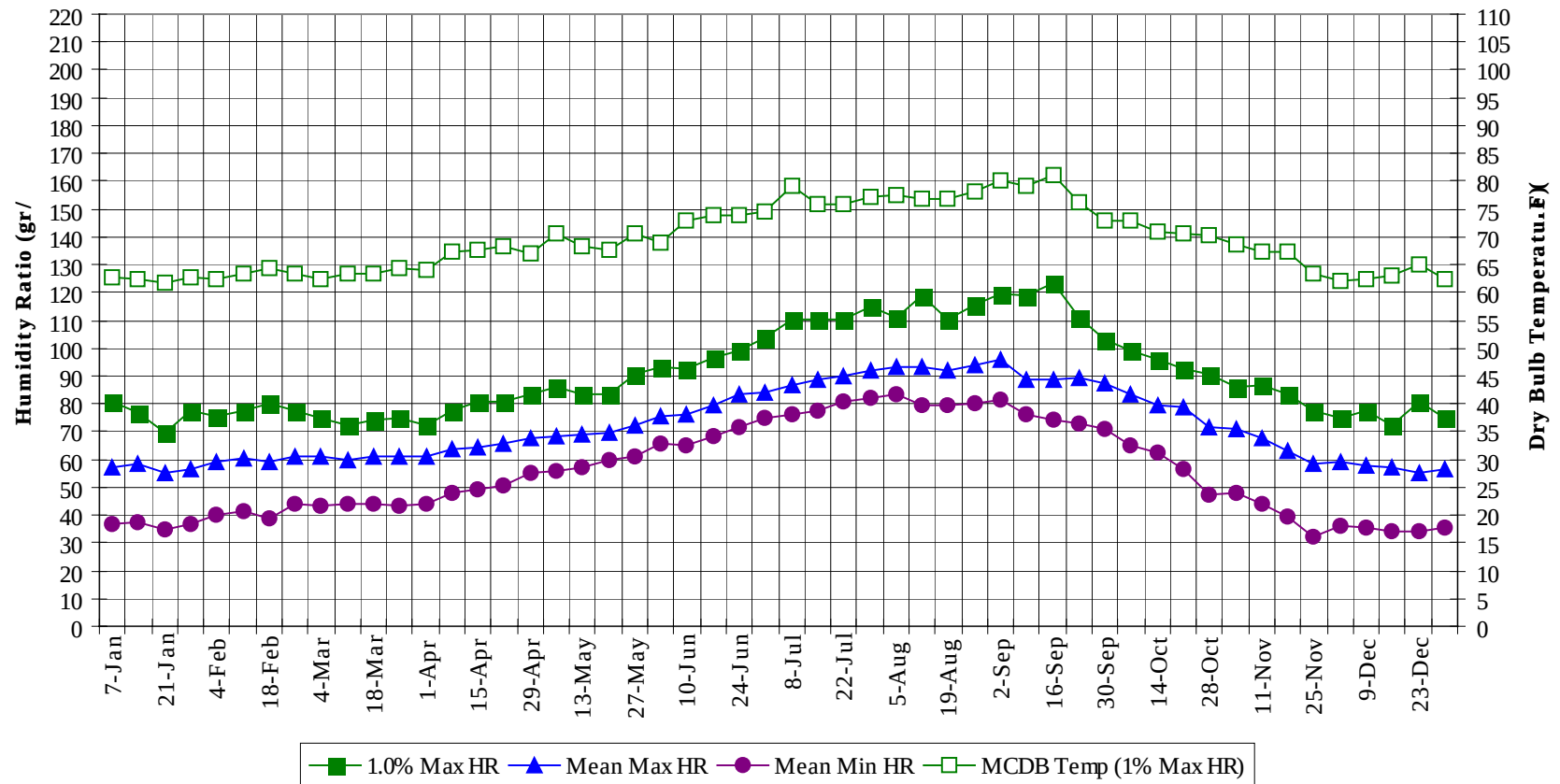
Annual Summary of Temperatures



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Long Term Humidity and Dry Bulb Temperature Summary



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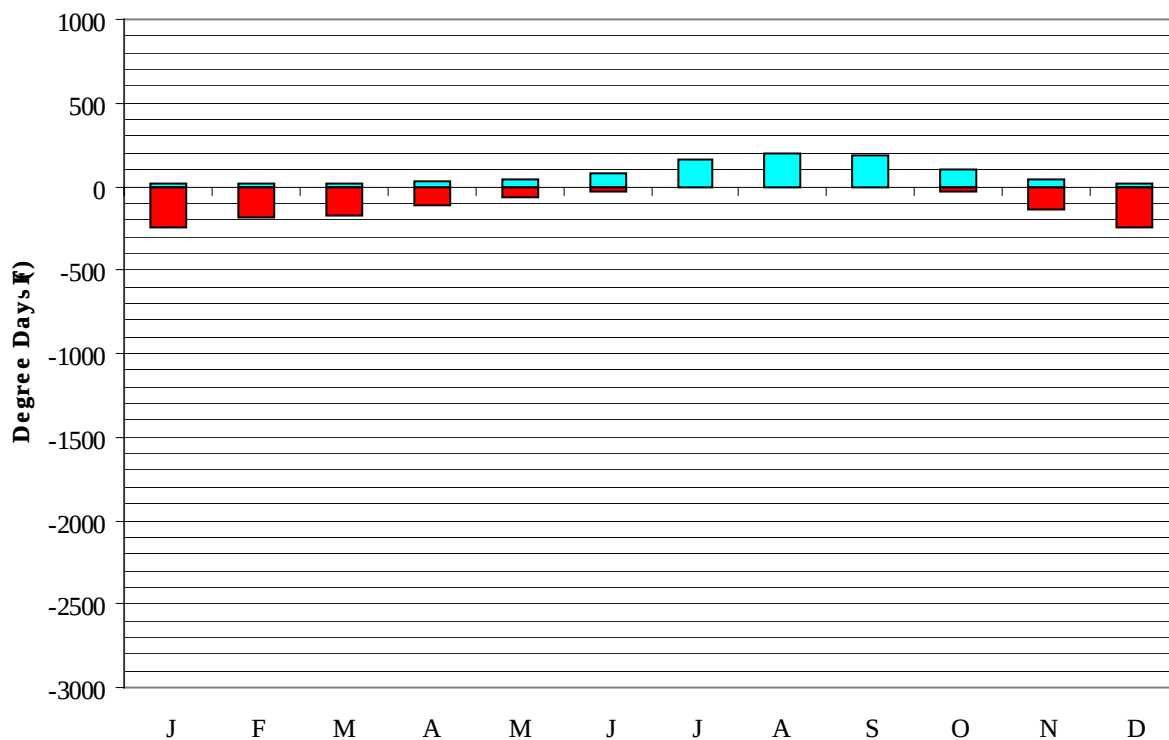
Long Term Dry Bulb Temperature and Humidity Summary

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	77.0	55.5	66.1	50.4	43.0	80.5	62.8	56.9	36.9
14-Jan	77.0	54.5	66.1	51.1	43.0	77.0	62.3	58.2	37.7
21-Jan	75.0	53.8	66.1	50.1	45.0	69.3	61.8	55.5	34.5
28-Jan	76.0	55.2	65.4	50.5	45.0	77.7	62.9	56.6	37.0
4-Feb	74.0	56.2	65.3	51.9	45.0	75.6	62.5	59.2	40.0
11-Feb	79.0	57.8	66.1	52.5	46.0	77.7	63.5	60.2	41.1
18-Feb	79.0	56.6	67.5	52.2	47.0	79.8	64.4	59.0	38.4
25-Feb	76.0	56.7	65.4	53.7	47.0	77.7	63.3	61.0	43.7
4-Mar	75.0	54.1	66.0	53.8	48.0	74.9	62.3	60.8	43.7
11-Mar	77.0	57.8	65.8	53.8	48.0	72.1	63.3	59.5	43.9
18-Mar	77.0	56.0	66.4	54.4	50.0	74.2	63.3	61.0	44.3
25-Mar	76.0	53.9	66.5	54.4	49.0	74.9	64.2	60.9	43.3
1-Apr	84.0	59.7	68.4	55.7	51.0	72.1	64.0	61.4	44.0
8-Apr	77.0	59.7	68.4	56.8	52.0	77.7	67.4	63.9	48.2
15-Apr	77.0	61.4	67.9	57.2	52.0	80.5	67.7	64.1	49.4
22-Apr	80.0	62.2	68.8	57.9	53.0	80.5	68.4	66.0	50.3
29-Apr	76.0	60.0	68.5	59.3	56.0	83.3	66.9	67.8	55.4
6-May	78.0	63.6	68.9	59.4	55.0	86.1	70.5	68.2	55.8
13-May	80.0	61.4	69.0	60.3	56.0	83.3	68.4	69.3	57.2
20-May	73.0	63.8	68.9	60.5	57.0	83.3	67.7	69.5	59.6
27-May	77.0	64.8	69.4	61.5	58.0	90.3	70.5	72.0	61.3
3-Jun	76.0	64.9	70.4	61.9	58.0	93.1	68.9	75.4	65.4
10-Jun	89.0	65.0	71.3	62.8	60.0	92.4	72.8	76.3	65.0
17-Jun	82.0	66.6	72.5	63.1	60.0	96.6	73.9	79.2	68.6
24-Jun	85.0	68.3	74.7	64.4	61.0	99.4	73.8	83.6	71.4
1-Jul	85.0	70.3	74.3	65.1	62.0	103.6	74.4	83.9	74.7
8-Jul	84.0	71.6	75.4	65.9	62.0	110.6	79.3	86.9	75.9
15-Jul	83.0	70.6	75.7	66.7	63.0	110.6	76.0	88.6	77.2
22-Jul	81.0	70.8	75.8	67.2	63.0	110.6	75.7	89.8	80.7
29-Jul	81.0	71.6	76.4	67.6	64.0	114.8	77.1	91.7	82.0
5-Aug	83.0	71.2	76.7	68.1	64.0	111.3	77.6	92.9	83.3
12-Aug	86.0	71.8	76.6	67.9	64.0	119.0	77.0	92.9	79.8
19-Aug	83.0	70.9	76.8	67.2	64.0	110.6	76.7	91.9	79.7
26-Aug	85.0	71.7	77.2	67.3	63.0	115.5	78.3	93.8	79.9
2-Sep	88.0	73.3	78.0	67.7	63.0	119.7	80.2	95.7	81.7
9-Sep	85.0	73.0	75.5	66.6	62.0	119.0	79.2	88.8	76.2
16-Sep	87.0	71.5	76.4	66.0	61.0	123.2	81.1	88.8	73.9
23-Sep	91.0	66.5	76.7	66.0	60.0	111.3	76.2	89.1	72.6
30-Sep	83.0	67.7	74.8	64.7	60.0	102.9	72.8	87.0	71.2
7-Oct	88.0	61.6	74.5	63.4	59.0	99.4	72.8	83.3	65.1
14-Oct	82.0	61.8	73.0	61.9	57.0	95.9	71.0	79.6	62.1
21-Oct	84.0	63.1	73.2	60.5	55.0	92.4	70.7	78.7	56.7
28-Oct	83.0	57.4	72.6	57.8	53.0	90.3	70.1	71.5	47.3
4-Nov	81.0	57.4	71.2	57.0	52.0	86.1	68.7	71.1	48.2
11-Nov	80.0	55.7	70.0	55.2	49.0	86.8	67.5	67.4	44.0
18-Nov	77.0	54.9	68.2	53.2	46.0	83.3	67.3	63.3	39.6
25-Nov	76.0	54.3	68.4	50.9	45.0	77.7	63.4	58.5	32.2
2-Dec	76.0	53.4	67.6	51.0	46.0	74.9	62.0	59.1	36.3
9-Dec	74.0	53.4	66.2	50.1	43.0	77.7	62.6	57.9	35.6
16-Dec	75.0	53.5	65.5	49.6	44.0	72.1	62.9	56.9	34.0
23-Dec	72.0	56.1	64.7	48.9	40.0	80.5	65.0	55.5	34.1
31-Dec	73.0	54.7	64.6	49.9	43.0	74.9	62.5	56.8	35.3

SAN DIEGO/LINDBERG CA

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Degree Days, Heating and Cooling
(Base 65°F)



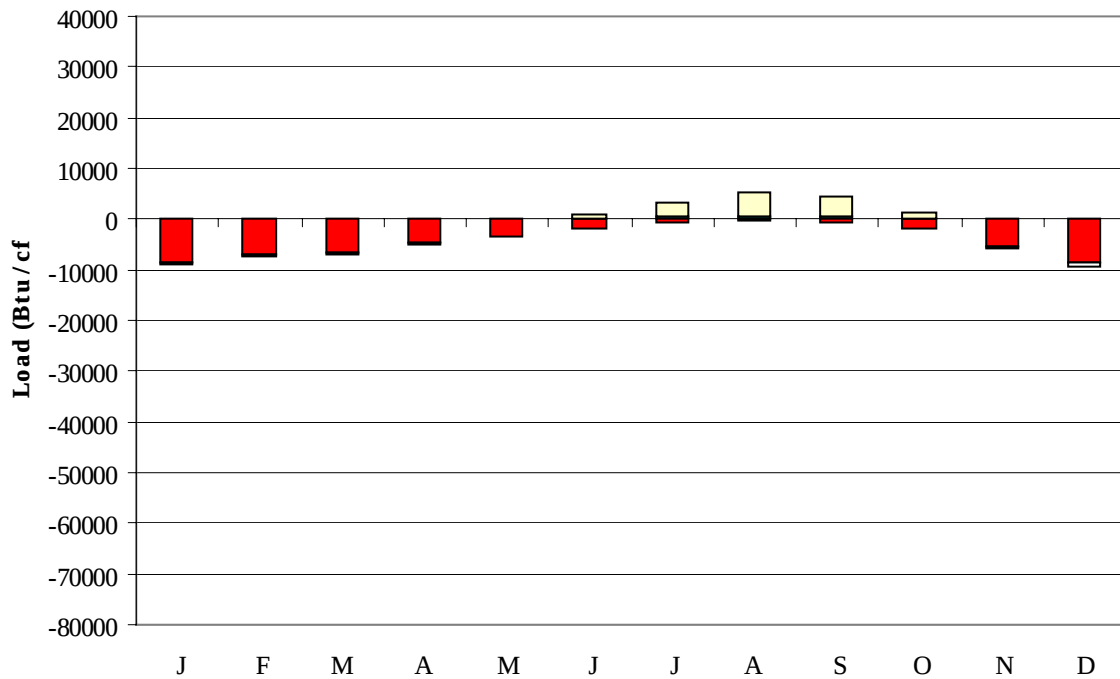
■ Mean Cooling Degree Days ■ Mean Heating Degree Days

	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	16	241
FEB	17	188
MAR	17	177
APR	33	111
MAY	37	69
JUN	81	26
JUL	164	4
AUG	201	1
SEP	180	4
OCT	102	30
NOV	39	133
DEC	15	244
ANN	903	1228

SAN DIEGO/LINDBERG CA

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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 (Btu/cfm)	Average Sensible Heating Load (Btu/cfm)	Average Latent Cooling Load (Btu/cfm)	Average Latent Heating Load (Btu/cfm)
JAN	28	-8457	7	-632
FEB	43	-6853	8	-347
MAR	41	-6760	1	-155
APR	90	-4786	23	-62
MAY	49	-3610	115	-1
JUN	185	-1950	735	-3
JUL	340	-662	3029	0
AUG	490	-331	4616	0
SEP	604	-578	3762	-7
OCT	245	-1896	1120	-77
NOV	104	-5287	80	-446
DEC	17	-8528	8	-735
ANN	2236	-49698	13504	-2465

Average Annual Solar Radiation – Nearest Available Site

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

City: SAN DIEGO
 State: CA
 WBAN No: 23188
 Lat(N): 32.73
 Long(W): 117.17
 Elev(ft): 30

Stn Type: Primary
 SHADING GEOMETRY IN DIMENSIONLESS UNITS

Window: 1
 Overhang: 0.332
 Vert Gap: 0.262

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	970	1230	1560	1930	1980	2050	2200	2070	1720	1390	1080	900	1590
	Std Dev	72	97	115	97	149	181	124	102	123	84	66	62	33
	Minimum	830	1030	1400	1740	1680	1580	1790	1870	1330	1220	930	760	1500
	Maximum	1090	1400	1800	2160	2280	2410	2350	2230	1910	1560	1180	1000	1630
	Diffuse	340	430	560	650	790	810	700	610	560	450	350	300	550
Clear Day	Global	1190	1520	1950	2360	2590	2660	2590	2390	2050	1630	1260	1090	1940
NORTH	Global	240	300	380	460	540	600	580	470	400	330	260	230	400
	Diffuse	240	300	380	440	500	520	500	450	390	330	260	230	380
Clear Day	Global	230	280	350	430	590	700	640	480	360	300	240	210	400
EAST	Global	620	740	870	990	900	880	960	940	850	760	660	580	810
	Diffuse	300	370	470	540	580	590	570	530	480	400	320	280	450
Clear Day	Global	820	990	1210	1360	1420	1440	1410	1350	1220	1030	850	760	1160
SOUTH	Global	1420	1380	1220	1000	750	650	700	900	1140	1380	1470	1430	1120
	Diffuse	410	470	520	540	540	530	510	510	480	480	430	390	480
Clear Day	Global	1990	1920	1650	1180	820	680	730	1000	1430	1800	1950	1960	1420
WEST	Global	640	770	950	1120	1110	1150	1250	1200	1050	880	710	610	950
	Diffuse	310	380	480	550	600	620	600	560	500	410	330	280	470
Clear Day	Global	820	990	1210	1360	1420	1440	1410	1350	1220	1030	850	760	1160

Average Annual Solar Heat and Illumination – Nearest Available Site

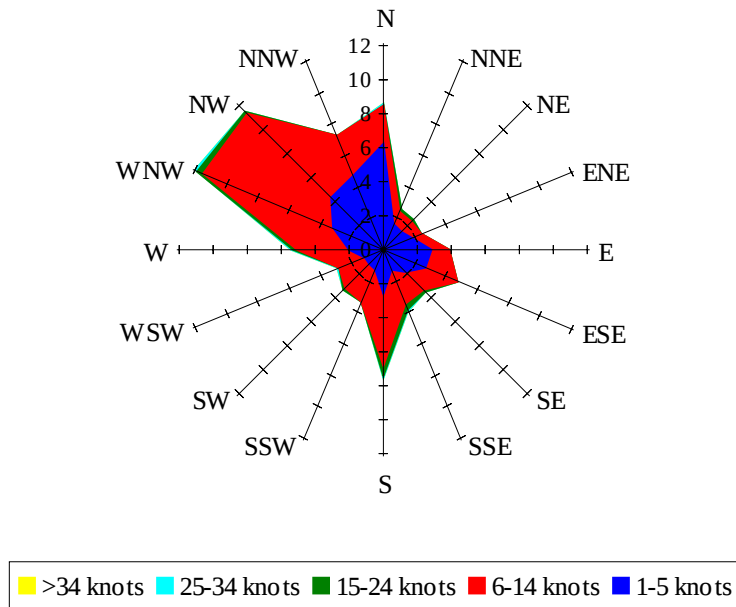
(Source: National Renewable Energy Laboratory, Golden CO, 1995)

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 NORTH	Unshaded	650	860	1130	1410	1450	1510	1630	1530	1260	990	740	600	1150
	Unshaded	170	210	260	310	360	390	370	310	270	230	180	160	270
	Shaded	160	200	250	290	330	360	350	300	260	210	170	150	250
EAST	Unshaded	430	520	610	690	630	610	660	660	600	540	460	400	570
	Shaded	400	480	570	640	560	540	600	590	550	500	430	380	520
SOUTH	Unshaded	1060	990	820	610	440	390	400	530	730	970	1090	1080	760
	Shaded	1040	950	700	460	350	340	330	380	580	890	1070	1060	680
WEST	Unshaded	440	540	670	800	790	810	890	850	740	620	500	420	670
	Shaded	420	510	620	730	720	740	810	780	690	580	470	390	620

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	50	83	91	69	25	52	90	107	99	67
	M.Cloudy	31	57	65	49	17	29	52	72	67	42
NORTH	M.Clear	11	15	16	14	8	22	16	16	17	18
	M.Cloudy	12	17	18	15	7	14	19	21	20	17
EAST	M.Clear	79	54	16	14	8	80	70	25	17	14
	M.Cloudy	36	36	18	15	7	27	35	25	20	15
SOUTH	M.Clear	42	69	75	57	21	12	24	35	29	14
	M.Cloudy	23	44	52	38	12	12	22	30	26	15
WEST	M.Clear	11	15	31	74	65	12	16	16	58	83
	M.Cloudy	12	17	26	46	28	12	19	21	40	40
M.Clear	(% hrs)	38	43	45	45	45	17	42	55	60	56

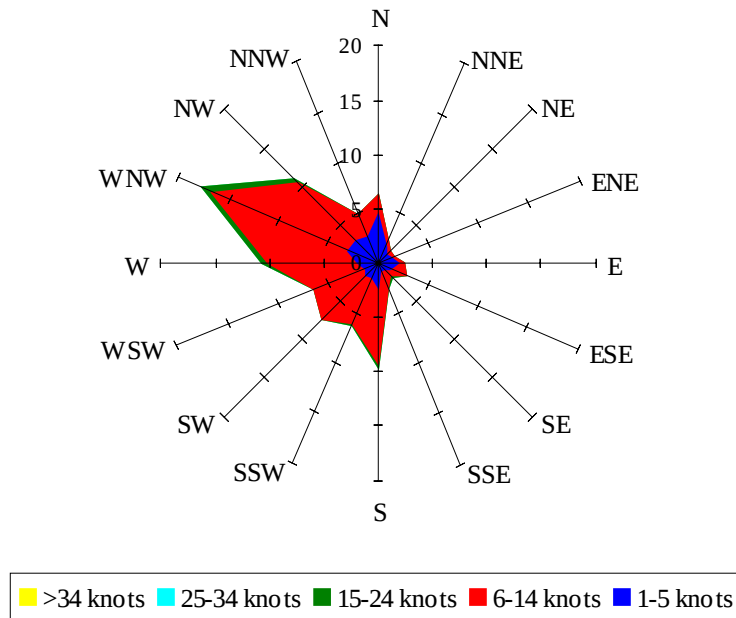
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	37	78	96	85	48	27	56	59	36	3
	M.Cloudy	21	46	65	56	31	18	37	40	25	3
NORTH	M.Clear	10	15	16	16	12	8	12	12	9	2
	M.Cloudy	9	17	19	18	12	7	13	13	9	1
EAST	M.Clear	74	70	23	16	12	56	39	12	9	2
	M.Cloudy	24	34	22	18	12	24	25	13	9	1
SOUTH	M.Clear	24	55	69	60	32	54	87	91	65	8
	M.Cloudy	12	30	46	39	19	23	46	49	32	3
WEST	M.Clear	10	15	16	61	80	8	12	30	58	12
	M.Cloudy	9	17	19	39	37	7	13	21	29	5
M.Clear	(% hrs)	30	56	65	69	66	50	51	53	52	53

Wind Summary - December, January, and February **Labels of Percent Frequency on North Axis**



Percent Calm = 15.56

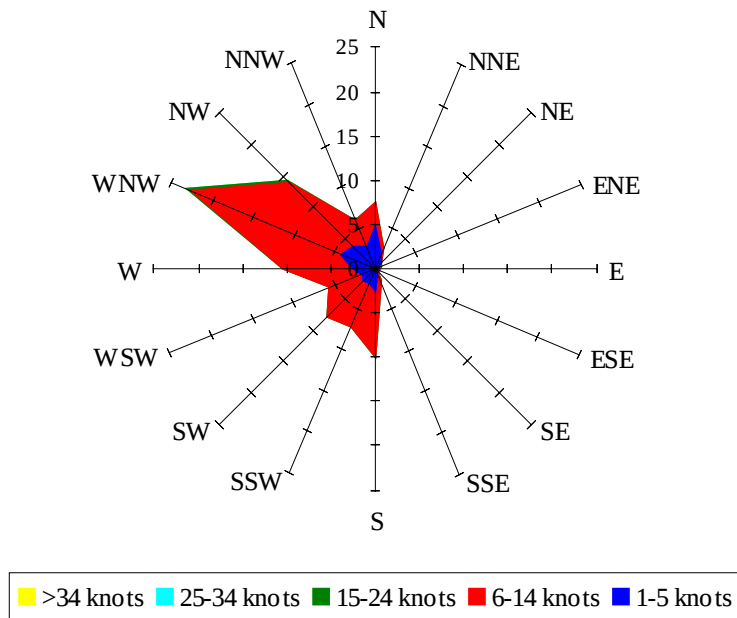
Wind Summary - March, April, and May **Labels of Percent Frequency on North Axis**



Percent Calm = 5.43

Wind Summary - June, July, and August

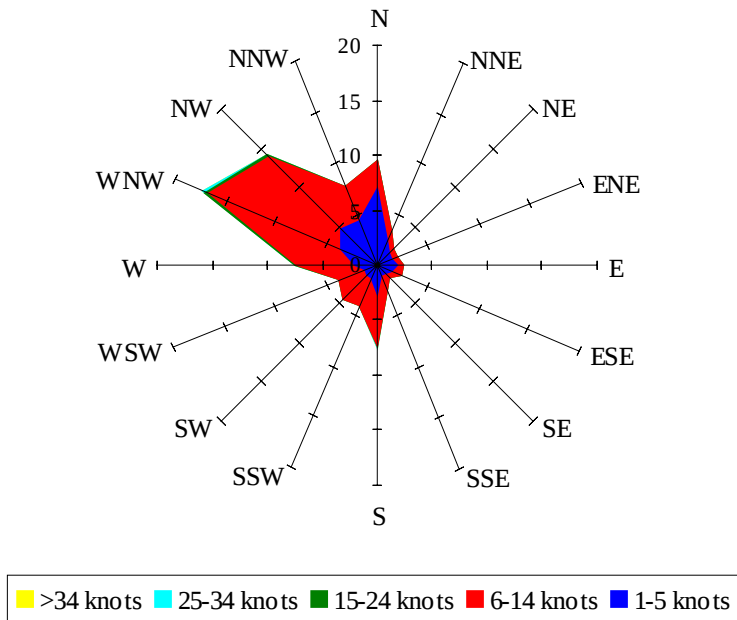
Labels of Percent Frequency on North Axis



Percent Calm = 1.87

Wind Summary - September, October, and November

Labels of Percent Frequency on North Axis



Percent Calm = 8.72