PALMDALE RGNL USAF PLT 4, CA	
Latitude = 34.63 N	Station ID = ICAO_KPMD
Longitude =118.08 W	Elevation = 2543 Feet
Period of Record = 1988 To 2017	Average Pressure = 27.36 inches Hg

Design Criteria Data

	Mean Coincident (Average) Values				
Dry Bulb Temperature (T)	**Design Value (°F)**	**Wet Bulb Temperature (°F)**	**Humidity Ratio (gr/lb)**	**Wind Speed (mph)**	**Prevailing Direction (NSEW)**
Median of Extreme Highs	108	69	53	12.9	SW
0.4% Occurrence	102	66	48	13.6	WSW
1.0% Occurrence	100	65	45	13.9	WSW
2.0% Occurrence	98	64	45	13.7	WSW
Mean Daily Range	27	-	-	-	SSW
97.5% Occurrence	32	28	19	4.5	SSW
99.0% Occurrence	28	24	14	3.9	SSW
99.6% Occurrence	25	22	12	3.7	SSW
Median of Extreme Lows	21	19	11	3.8	S

Wet Bulb Temperature (T_{wb})	**Design Value (°F)**	**Dry Bulb Temperature (°F)**	**Humidity Ratio (gr/lb)**	**Wind Speed (mph)**	**Prevailing Direction (NSEW)**
Median of Extreme Highs	73	97	90	13.1	WSW
0.4% Occurrence	70	95	78	13.1	WSW
1.0% Occurrence	68	93	70	12.9	WSW
2.0% Occurrence	67	92	66	12.8	WSW

Humidity Ratio (HR)	**Design Value (gr/lb)**	**Dry Bulb Temperature (°F)**	**Vapor Pressure (in. Hg)**	**Wind Speed (mph)**	**Prevailing Direction (NSEW)**
Median of Extreme Highs	104	83	0.64	8.4	-
0.4% Occurrence	93	80	0.57	10.4	SW
1.0% Occurrence	82	81	0.5	10.9	SW
2.0% Occurrence	72	82	0.44	11.8	SW

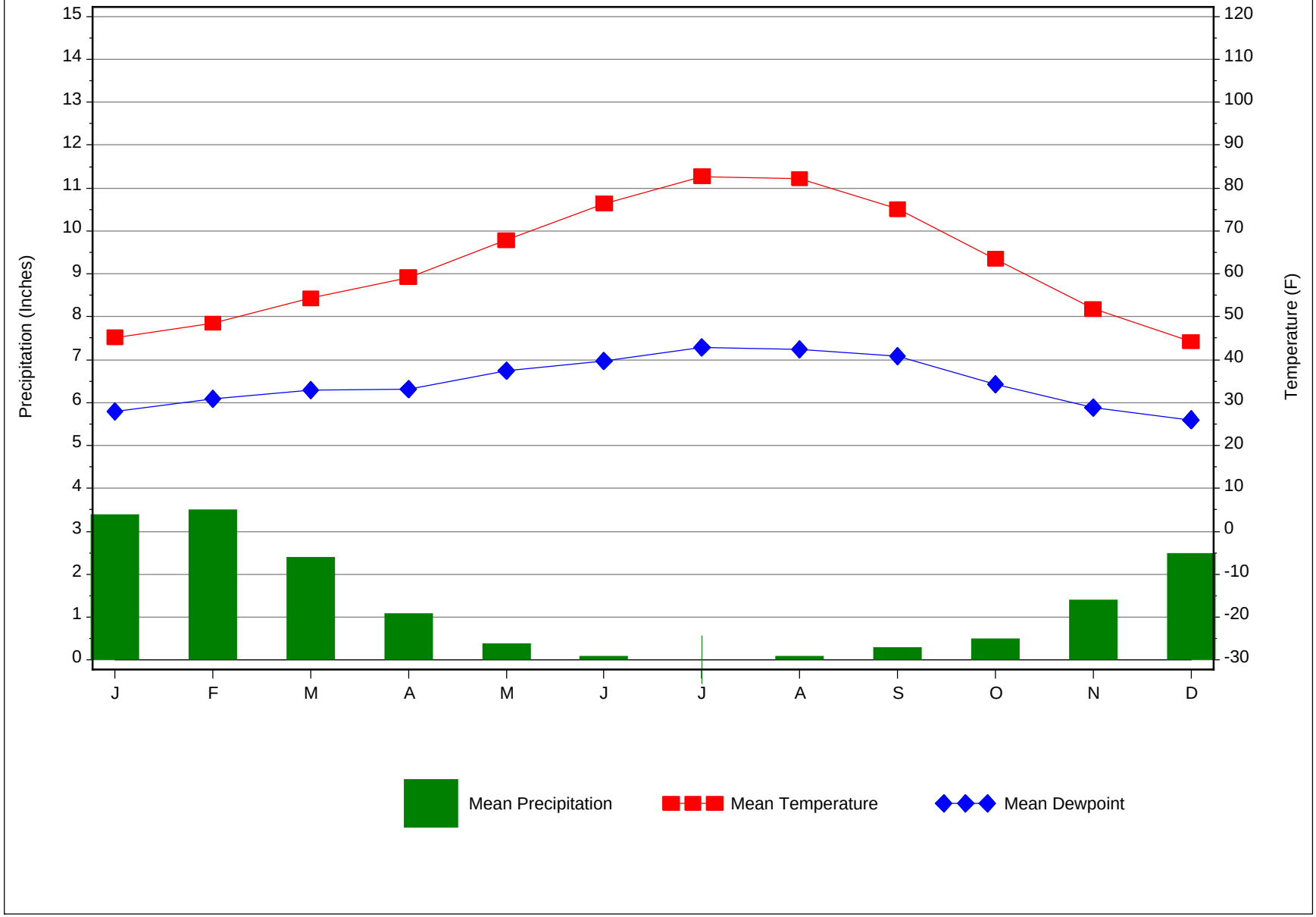
Air Conditioning/ Humid Area Criteria	**Threshold**	**T ≥ 93°F**	**T ≥ 80°F**	**Twb ≥ 73°F**	**Twb ≥ 67°F**
	# of Hours	463	1487	18	186

Other Site Data

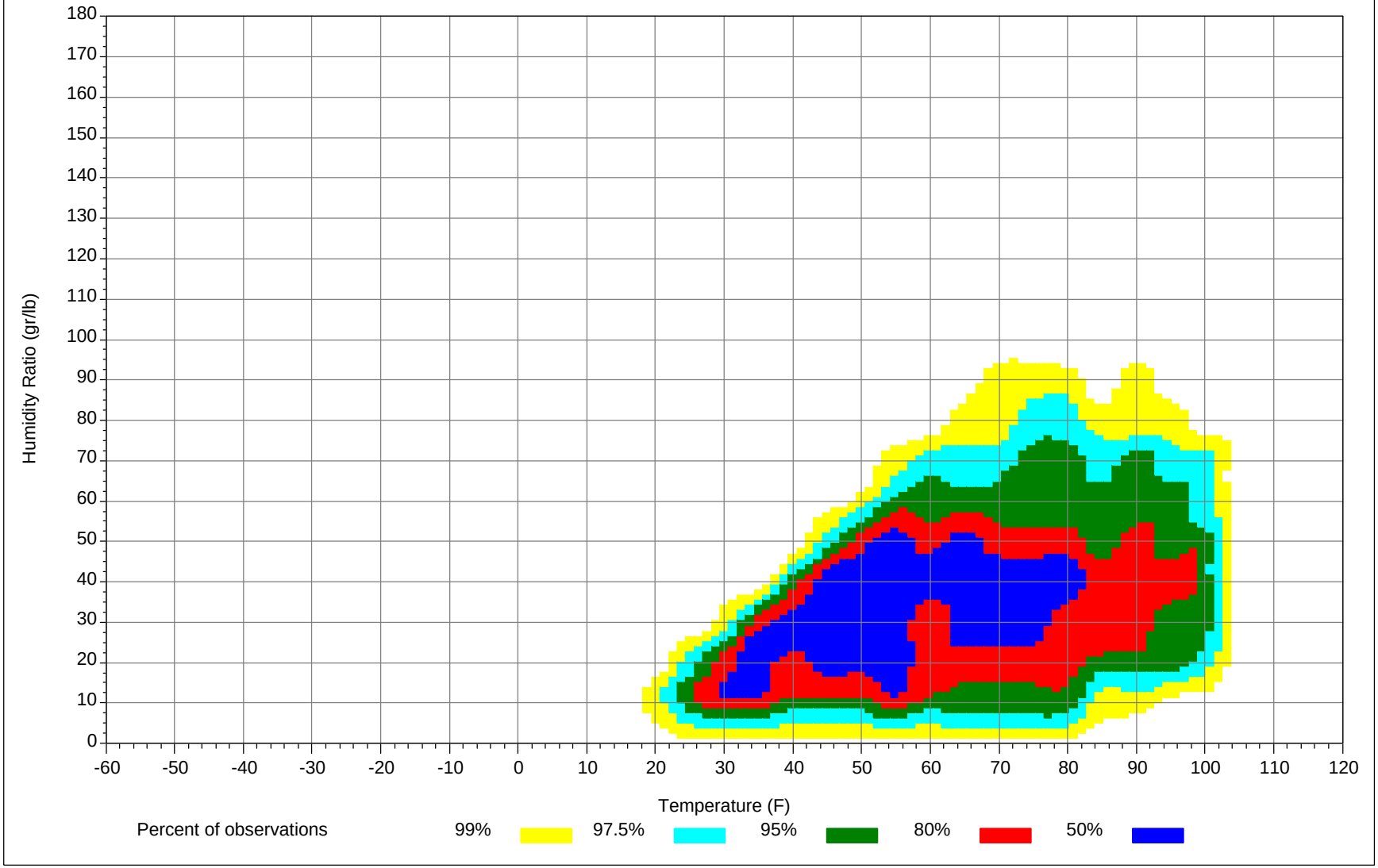
Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
11	1.8	N/A	0.0 + 2.1
Ground Water Temperature (°F) 50 Foot Depth*	Frost Depth 50 Year Recurrence (in)	Ground Snow Load 50 Year Recurrence (lb/ft^2)	Average Annual Freeze-Thaw Cycles (#)
65.2	22	5	33

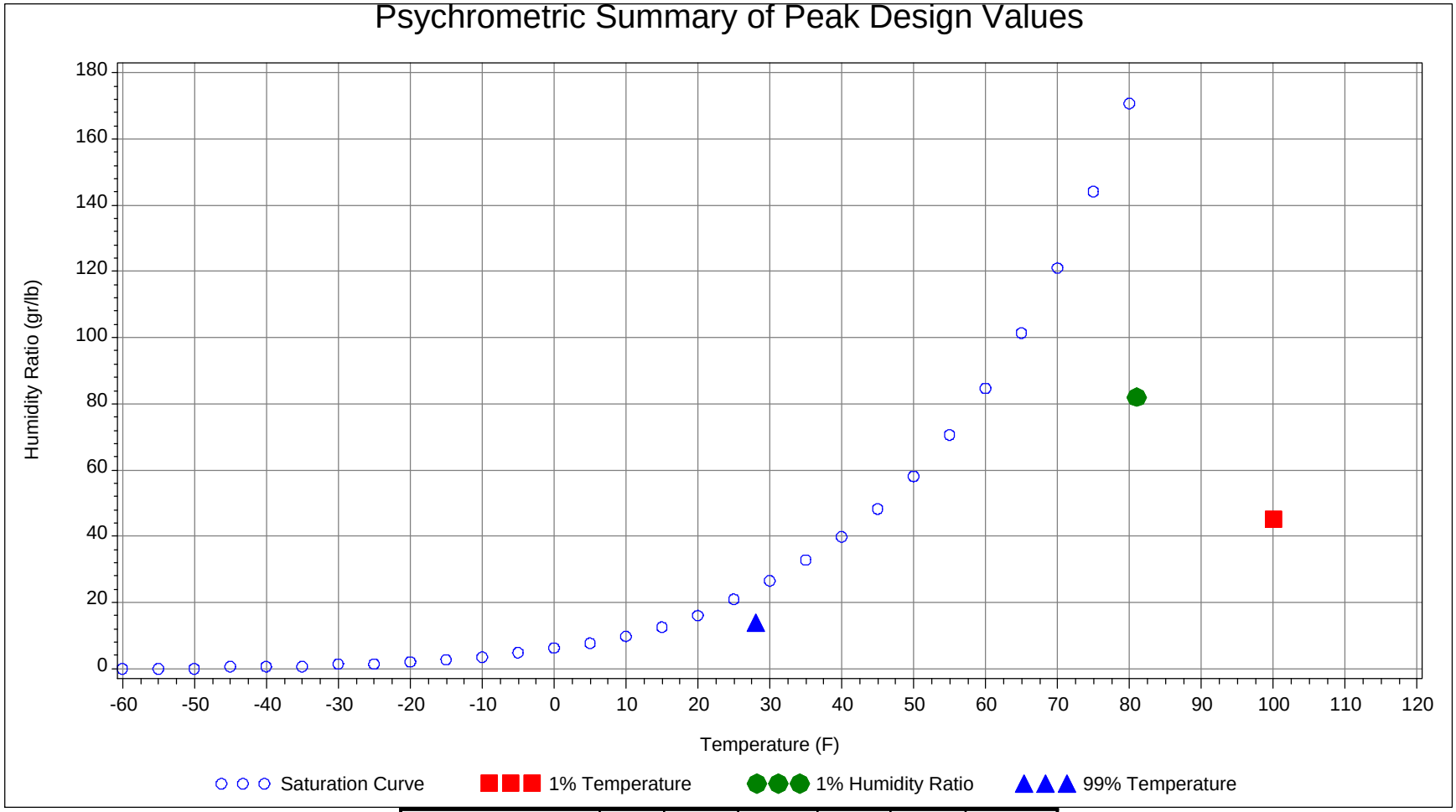
*Note: Temperatures at greater depths can be estimated by adding 1.5°F per 100 feet additional depth.

Average Annual Climate



Long Term Psychrometric Summary





	(°F) / (gr/lb)	MCDB (°F)	MCWB (°F)	MCDP (°F)	MCHR (gr/lb)	Enthalpy (btu/lb)
1.0% Dry Bulb	100.0		65		45.0	31.2
99.0% Dry Bulb	28.0				14.0	8.9
1.0% Humidity Ratio	82.0	81.0	66.2	59.0		32.3

Dry-Bulb Temperature Hours For An Average Year

	January					February					March				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
110/114															
105/109															
100/104															
95/ 99															
90/ 94												0		0	55
85/ 89												2	0	2	55.7
80/ 84		0	0	0	53.8		1		1	51		8	1	9	54.4
75/ 79		0	0	0	53.5		3	0	3	51.4		24	4	28	52.9
70/ 74		5	1	6	50		16	3	19	50.2	0	39	11	50	51.3
65/ 69		14	1	15	47.6	0	20	5	25	48.8	0	33	13	46	49.6
60/ 64	1	38	8	47	46.5	0	34	13	47	47.1	6	48	35	89	48
55/ 59	4	49	20	73	44.8	4	44	26	74	45.6	20	44	47	111	46.3
50/ 54	16	55	43	114	43.4	20	54	48	122	43.9	45	33	56	134	44.3
45/ 49	33	48	65	146	40.1	53	36	64	153	41	78	15	51	144	41.1
40/ 44	32	20	42	94	37.1	48	10	31	89	37.8	44	3	17	64	37.7
35/ 39	67	14	48	129	33.1	55	5	27	87	33.5	39	1	11	51	33.8
30/ 34	62	3	17	82	28.7	31	0	6	37	28.5	13	0	1	14	29.1
25/ 29	28	0	3	31	23.6	12		0	12	24.2	2			2	23.6
20/ 24	4	0	0	4	19.1	1			1	19.8					
15/ 19	2		0	2	14.1										
10/ 14	0		0	0	9.5										

Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure 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.

Dry-Bulb Temperature Hours For An Average Year

	April					May					June				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
110/114												0		0	67.5
105/109							0		0	76		2	0	2	66.2
100/104							1	0	1	66.2		12	1	13	64.2
95/ 99		0		0	59.4		8	1	9	62.6	0	37	5	42	62.7
90/ 94		4	0	4	58	0	27	3	30	60.3	2	60	15	77	61
85/ 89		8	1	9	56.9	0	29	6	35	58.5	5	36	20	61	59.6
80/ 84	0	26	5	31	54.8	3	49	17	69	56.8	15	41	39	95	58.1
75/ 79	1	33	10	44	53.2	8	42	27	77	55.3	27	23	47	97	56.5
70/ 74	3	47	21	71	51.6	19	39	46	104	53.6	47	17	49	113	54.7
65/ 69	6	31	23	60	50.2	27	19	37	83	52	42	6	23	71	52.9
60/ 64	22	40	42	104	48.5	57	22	47	126	50.1	53	4	26	83	51.1
55/ 59	38	28	48	114	46.5	55	9	34	98	47.7	32	1	11	44	48.8
50/ 54	58	16	47	121	44.3	50	2	23	75	45.5	13	0	3	16	45.9
45/ 49	62	6	33	101	40.8	23	0	6	29	41.7	4	0	1	5	41.9
40/ 44	28	1	8	37	37.5	4		0	4	38.4	0			0	35
35/ 39	19	0	3	22	34.4	1			1	34.2					
30/ 34	3		0	3	29.7										
25/ 29	0			0	26.7										
20/ 24															
15/ 19															
10/ 14															

Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure 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.

Dry-Bulb Temperature Hours For An Average Year

	July					August					September				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
110/114		0		0	68.5										
105/109		8	0	8	67.9		5		5	69.7		0		0	67
100/104		33	2	35	65.7		34	2	36	66.5		5	0	5	65.3
95/ 99	0	69	12	81	64.1	0	72	12	84	64.3		33	3	36	63.8
90/ 94	4	75	31	110	62.6	3	78	31	112	62.4	0	63	13	76	61.7
85/ 89	10	34	33	77	61.3	6	33	33	72	61.1	1	44	17	62	60.2
80/ 84	34	21	70	125	59.9	28	20	67	115	59.7	7	45	41	93	58.8
75/ 79	61	5	55	121	58	56	5	54	115	57.7	20	22	46	88	57.4
70/ 74	69	1	33	103	56	70	2	36	108	55.4	44	17	53	114	55.6
65/ 69	37	0	8	45	54.1	39	0	10	49	53	44	7	27	78	53.5
60/ 64	26		3	29	51.6	36	0	4	40	51.2	62	4	26	92	51.2
55/ 59	6		0	6	48.9	8		0	8	48.6	40	0	12	52	48.2
50/ 54	1			1	46.2	1			1	46.1	18		2	20	44.5
45/ 49						0			0	41	5		0	5	40.3
40/ 44											0			0	37
35/ 39															
30/ 34															
25/ 29															
20/ 24															
15/ 19															
10/ 14															

Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure 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.

Dry-Bulb Temperature Hours For An Average Year

	October					November					December				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
110/114															
105/109															
100/104															
95/ 99		1	0	1	62.6										
90/ 94		12	1	13	60.1										
85/ 89		20	2	22	57.7		0		0	56.5					
80/ 84	0	47	9	56	55.8		6		6	54.3		0		0	55.3
75/ 79	1	46	17	64	54.1		17	1	18	52.3		1	0	1	51.8
70/ 74	6	45	31	82	52.6	0	33	5	38	50.6		5	0	5	51.1
65/ 69	11	28	32	71	51.4	1	30	8	39	49.1	0	11	0	11	48.4
60/ 64	34	31	54	119	49.8	4	52	23	79	47.6	1	34	5	40	46.4
55/ 59	55	14	53	122	47.3	14	45	40	99	45.5	5	45	16	66	44.7
50/ 54	71	4	33	108	43.9	32	32	56	120	43.3	13	61	36	110	42.6
45/ 49	47	1	14	62	39.6	60	18	54	132	39.6	31	53	61	145	39.5
40/ 44	14	0	2	16	35.7	44	5	27	76	36.2	29	21	43	93	36.3
35/ 39	7		0	7	32.3	51	2	20	73	32.5	63	13	53	129	32.5
30/ 34	0			0	28.1	23	0	5	28	27.7	57	3	26	86	28
25/ 29						10		1	11	23.3	40	0	7	47	23.7
20/ 24						1			1	19.8	7	0	0	7	19.6
15/ 19											2		0	2	15.8
10/ 14											0			0	10.8

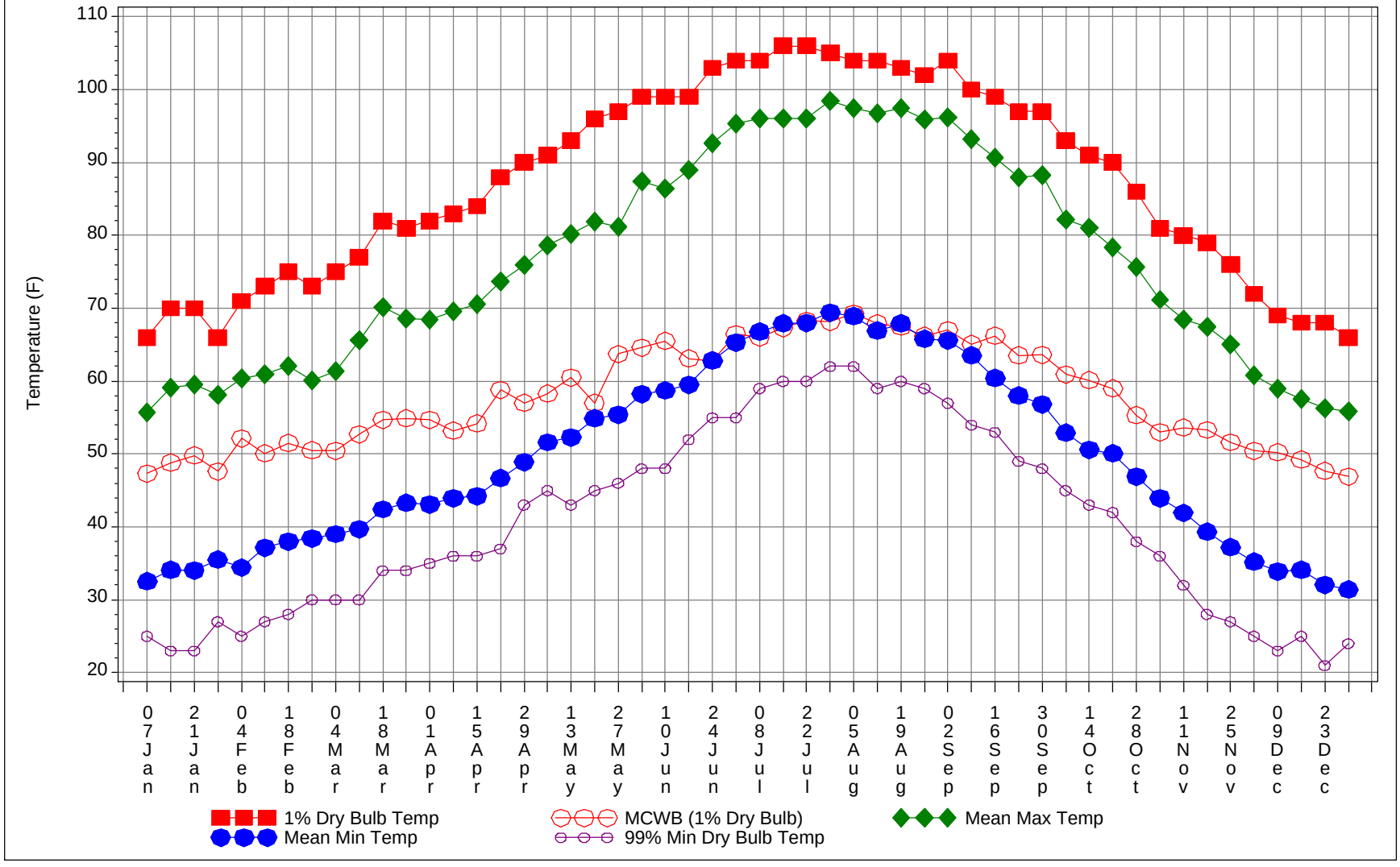
Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary and the ventilation and infiltration load pages in this manual.

Dry-Bulb Temperature Hours For An Average Year

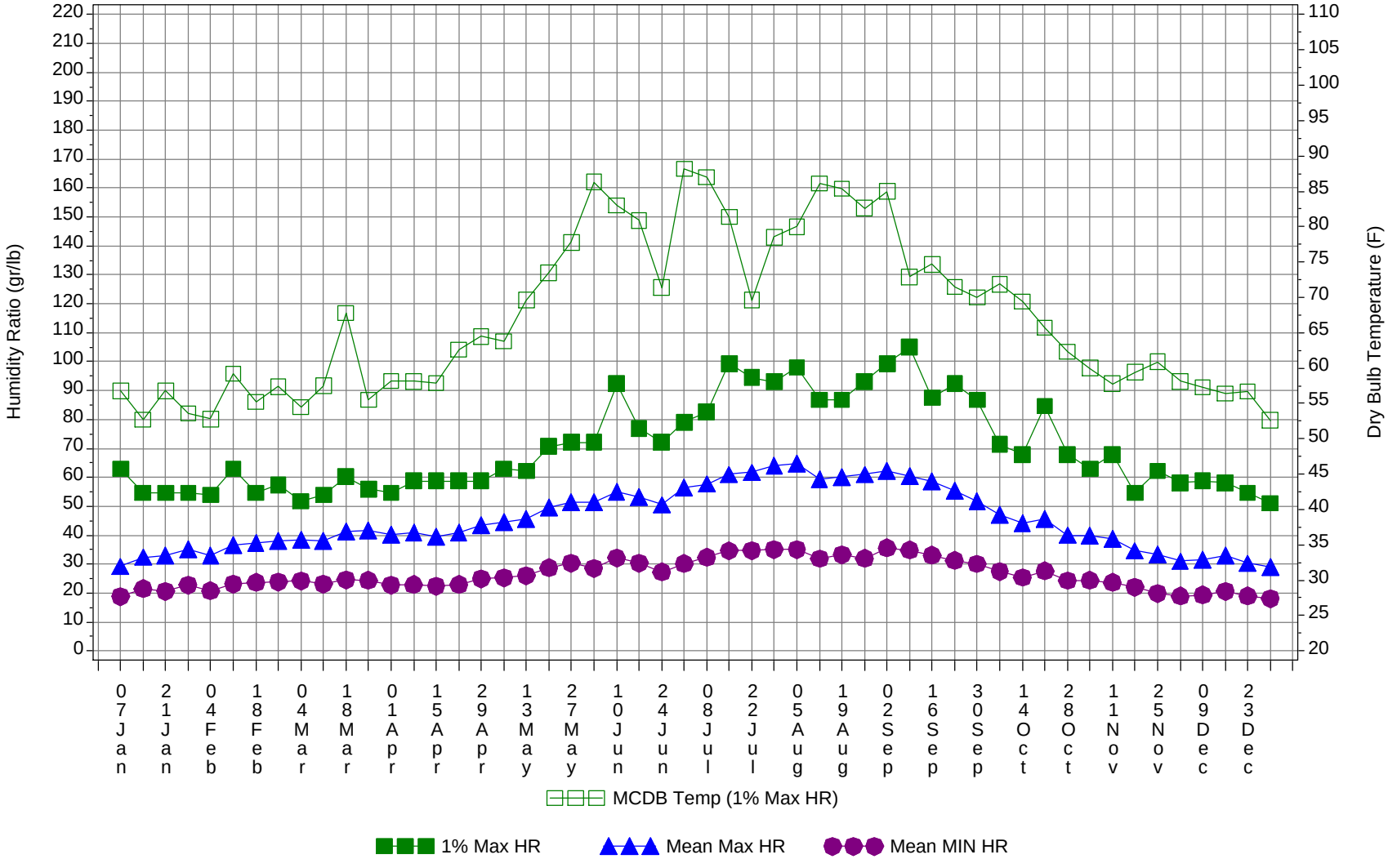
	Annual				
Temperature Range (°F)	**01 To 08 LST**	**09 To 16 LST**	**17 to 00 LST**	**Total Obs**	**MCWB (°F)**
110/114		0		0	68
105/109		15	0	15	68.2
100/104		85	5	90	65.8
95/ 99	0	220	32	252	63.8
90/ 94	9	318	95	422	61.8
85/ 89	23	206	112	341	60.1
80/ 84	88	264	249	601	58.3
75/ 79	174	220	261	655	56.2
70/ 74	259	266	288	813	53.9
65/ 69	209	199	188	596	51.6
60/ 64	302	307	286	895	49.2
55/ 59	279	279	306	864	46.5
50/ 54	337	258	347	942	43.9
45/ 49	397	178	349	924	40.3
40/ 44	244	59	169	472	37
35/ 39	302	35	162	499	33
30/ 34	189	7	57	253	28.3
25/ 29	92	1	12	105	23.7
20/ 24	13	0	1	14	19.5
15/ 19	3		0	3	14.9
10/ 14	1		0	1	10.2

Caution: This summary reflects the typical distribtion of temperature in a typical year. It does not reflect the typical mositure 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



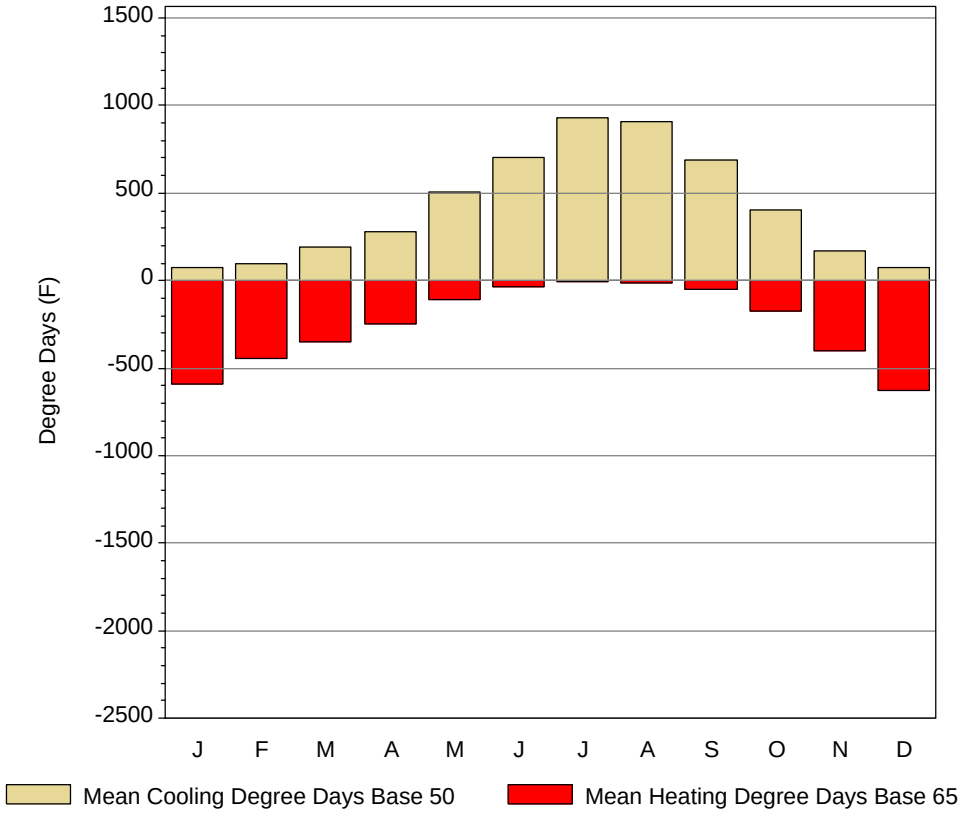
Long Term Humidity and Dry Bulb Temperature Summary



Long Term Humidity and Dry Bulb Temperature Summary

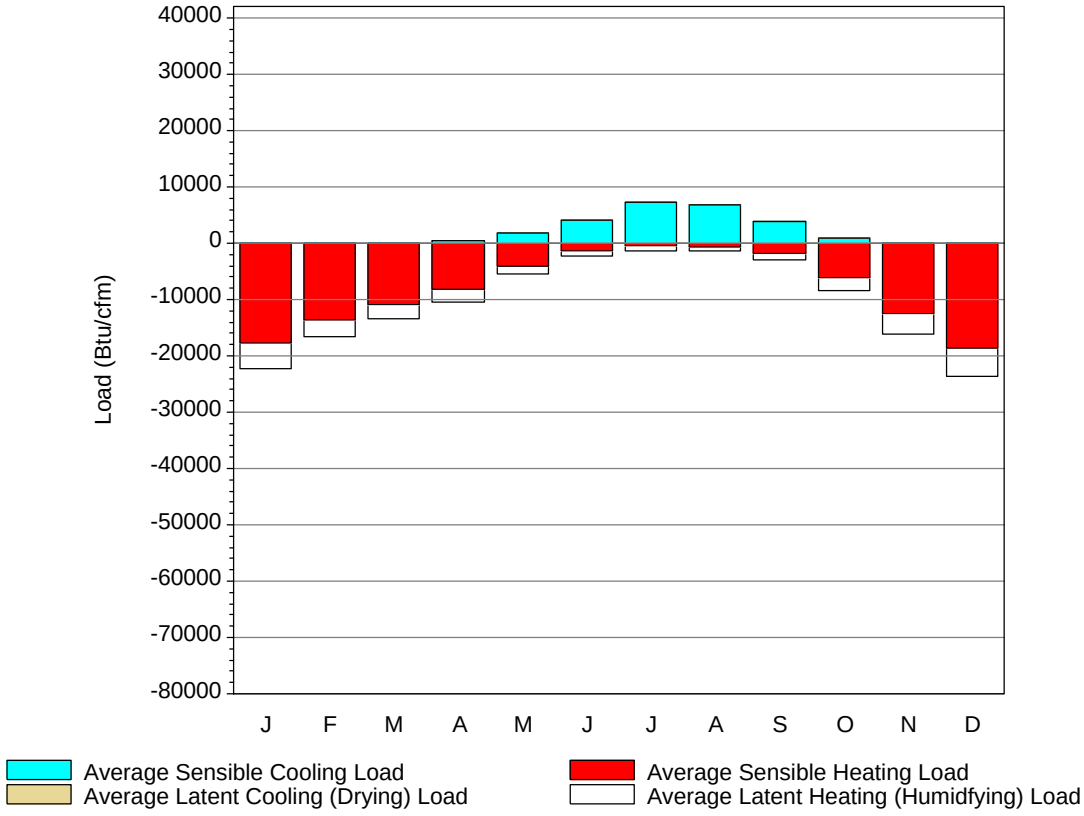
Week Ending	1.0% Temp (°F)	MCWB@ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB@ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	66	47.3	55.7	32.5	25	63	56.8	29.2	18.8
14-Jan	70	48.8	59.1	34.1	23	54.6	52.7	32.4	21.5
21-Jan	70	49.8	59.5	34	23	54.6	56.8	33.1	20.6
28-Jan	66	47.6	58.1	35.5	27	54.6	53.6	35.1	22.8
4-Feb	71	52.1	60.4	34.4	25	53.9	52.8	33	20.8
11-Feb	73	50.1	60.9	37.1	27	63	59.2	36.5	23.1
18-Feb	75	51.5	62.1	38	28	54.6	55.2	37.2	23.7
25-Feb	73	50.5	60.1	38.4	30	57.4	57.4	37.9	23.9
4-Mar	75	50.4	61.3	39	30	51.8	54.5	38.3	24.2
11-Mar	77	52.7	65.6	39.7	30	53.9	57.5	38.1	23.1
18-Mar	82	54.7	70.1	42.4	34	60.2	67.8	41.3	24.6
25-Mar	81	54.9	68.6	43.3	34	56	55.5	41.6	24.4
1-Apr	82	54.7	68.5	43.1	35	54.6	58.2	40.3	22.8
8-Apr	83	53.2	69.6	43.9	36	58.8	58.1	40.8	23
15-Apr	84	54.2	70.5	44.2	36	58.8	57.9	39.4	22.4
22-Apr	88	58.8	73.7	46.7	37	58.8	62.6	41	23
29-Apr	90	57	75.9	48.9	43	58.8	64.5	43.6	25
6-May	91	58.3	78.6	51.6	45	63	63.8	44.5	25.3
13-May	93	60.5	80.2	52.3	43	62.3	69.6	45.5	26
20-May	96	57	81.9	54.9	45	70.7	73.5	49.7	28.7
27-May	97	63.7	81.2	55.4	46	72.1	77.8	51.4	30.3
4-Jun	99	64.6	87.4	58.2	48	72.1	86.3	51.4	28.6
10-Jun	99	65.5	86.4	58.7	48	92.4	83	55.1	32.1
17-Jun	99	63.1	88.9	59.5	52	77	80.9	53.2	30.3
24-Jun	103	62.8	92.7	62.8	55	72.1	71.4	50.5	27.3
1-Jul	104	66.4	95.4	65.3	55	79.1	88.2	56.5	30.2
8-Jul	104	66	96.1	66.8	59	82.6	87	57.7	32.4
15-Jul	106	67.3	96	67.9	60	99.4	81.4	61	34.6
22-Jul	106	68.3	96.1	68	60	94.5	69.6	61.7	34.7
29-Jul	105	68.1	98.4	69.4	62	93.1	78.5	64	35.1
5-Aug	104	69.3	97.5	68.9	62	98	80	64.8	35
12-Aug	104	67.9	96.7	66.9	59	86.8	86.1	59.4	31.9
19-Aug	103	67.5	97.4	67.9	60	86.8	85.4	60.2	33.2
26-Aug	102	66.2	95.9	65.8	59	93.1	82.6	61	32
2-Sep	104	67	96.2	65.6	57	99.4	85	62.3	35.6
9-Sep	100	65.1	93.2	63.5	54	105	72.9	60.5	34.9
16-Sep	99	66.2	90.7	60.4	53	87.5	74.7	58.7	33.1
23-Sep	97	63.5	88	58	49	92.4	71.5	55.5	31.3
30-Sep	97	63.6	88.3	56.8	48	86.8	70	51.8	30.1
7-Oct	93	60.9	82.2	52.9	45	71.4	71.9	47	27.5
14-Oct	91	60.1	81.1	50.6	43	67.9	69.4	44.2	25.4
21-Oct	90	59	78.3	50.1	42	84.7	65.7	45.7	27.6
28-Oct	86	55.3	75.7	46.9	38	67.9	62.3	40	24.3
4-Nov	81	53	71.2	43.9	36	63	60	39.9	24.4
11-Nov	80	53.6	68.5	41.9	32	67.9	57.8	38.7	23.6
18-Nov	79	53.3	67.4	39.3	28	54.6	59.4	34.6	22.1
25-Nov	76	51.6	65.1	37.2	27	62.3	60.9	33.2	19.9
2-Dec	72	50.4	60.8	35.2	25	58.1	58.1	31	19
9-Dec	69	50.2	58.9	33.9	23	58.8	57.3	31.6	19.4
16-Dec	68	49.2	57.5	34.1	25	58.1	56.4	32.9	20.6
23-Dec	68	47.7	56.2	32	21	54.6	56.7	30.3	19
31-Dec	66	46.9	55.9	31.4	24	51.1	52.6	28.9	18

Degree Days, Heating and Cooling
(Base 65 F) & Cooling (Base 50F)



Month	Mean Cooling Degree Days (°F) Base 50	Mean Cooling Degree Days (°F) Base 65	Mean Heating Degree Days (°F) Base 65
JAN	76.6	5.6	594.4
FEB	94.2	10	447.6
MAR	189.6	33.8	346.6
APR	282.3	72.6	248.3
MAY	508.5	184.2	109.6
JUN	705.8	332	33.1
JUL	929.3	504.5	9.3
AUG	910.4	486.9	12
SEP	688.7	311.5	46
OCT	405	126.8	177.5
NOV	166.8	29	402.6
DEC	73.2	7.4	626.6
ANN	5030.4	2104.3	3053.6

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



Month	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	7	-17736	0	-4428
FEB	9	-13586	0	-2929
MAR	117	-10890	0	-2422
APR	498	-8085	0	-2368
MAY	1937	-4018	6	-1507
JUN	4009	-1392	50	-964
JUL	7223	-445	130	-800
AUG	6727	-562	79	-767
SEP	3781	-1858	118	-986
OCT	1034	-6013	4	-2379
NOV	117	-12400	0	-3729
DEC	27	-18568	0	-5017
ANN	25486	-95553	387	-28296

Station Information		Shading Geometry in Dimensionless Units	
City, State, WBAN	LOSANGELES, CA 23174	Window:	1.000
Lat, Lon, Elev	33.93N 118.40W 105ft	Overhang:	0.364
Press, Stn_Type	14.7psia Primary	Vert Gap:	0.275

AVERAGE INCIDENT SOLAR RADIATION (Btu/sq.ft./day) Percentage Uncertainty = 9

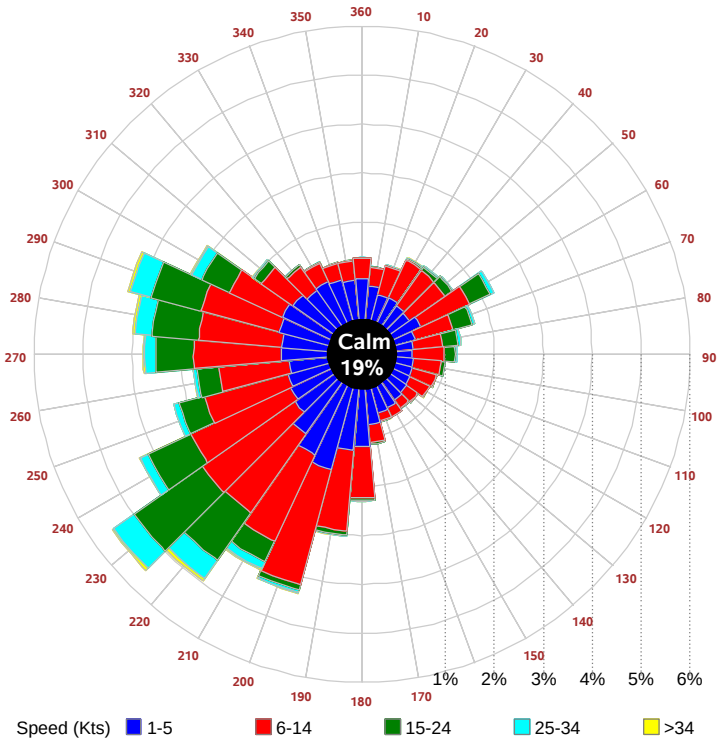
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ.	Global	890	1150	1520	1920	2030	2090	2260	2070	1670	1320	1000	820	1560
	Std.Dev.	82	106	123	100	139	166	109	82	113	70	66	65	35
	Minimum	710	960	1280	1740	1820	1770	2030	1930	1400	1190	840	660	1500
	Maximum	1040	1390	1750	2150	2290	2360	2530	2200	1850	1430	1140	940	1630
	Diffuse	360	460	600	700	840	880	780	700	620	500	380	330	600
Clear Day	Global	1090	1420	1860	2270	2520	2610	2550	2340	1980	1540	1160	990	1860
NORTH	Global	240	310	390	470	560	620	600	490	410	340	260	220	410
	Diffuse	240	310	390	460	520	550	520	470	410	340	260	220	390
Clear Day	Global	230	290	370	460	590	690	640	490	390	320	250	220	410
EAST	Global	570	690	850	1000	940	930	1050	980	840	720	610	530	810
	Diffuse	300	380	480	570	610	620	620	570	500	420	320	280	470
Clear Day	Global	740	910	1130	1290	1370	1390	1370	1300	1160	960	770	680	1090
SOUTH	Global	1300	1300	1220	1040	800	700	770	960	1140	1320	1360	1300	1100
	Diffuse	430	490	550	560	570	560	550	550	540	520	450	410	510
Clear Day	Global	1830	1820	1630	1230	890	750	800	1060	1450	1740	1810	1800	1400
WEST	Global	570	720	910	1110	1160	1190	1240	1180	1020	830	640	540	930
	Diffuse	300	380	490	580	640	660	640	600	520	430	330	280	490
Clear Day	Global	740	910	1130	1290	1370	1390	1370	1300	1160	960	770	680	1090

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	1090	1400	1480	1530	1670	1520	1220	940	680	550	1130
NORTH	Unshaded	170	210	270	320	370	410	390	330	280	230	180	160	280
	Shaded	160	200	250	300	350	370	360	310	260	220	170	150	260
EAST	Unshaded	390	480	600	710	660	650	730	680	590	510	420	360	570
	Shaded	360	450	550	640	590	580	660	610	530	460	390	340	510
SOUTH	Unshaded	970	940	830	640	480	420	450	570	750	940	1000	980	750
	Shaded	960	890	700	470	370	360	360	400	590	850	980	960	660
WEST	Unshaded	390	500	640	790	820	840	880	830	720	590	440	370	650
	Shaded	370	460	590	720	740	760	790	760	660	540	410	340	600

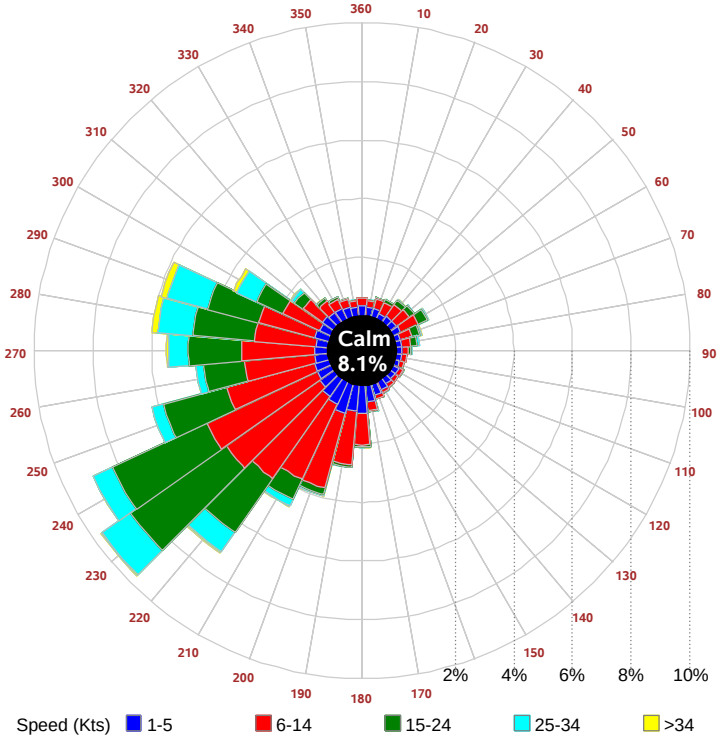
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS Percentage Uncertainty = 9											
				March					June		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	46	80	88	67	25	49	88	106	98	67
	M.Cloudy	28	55	62	46	17	27	53	71	71	46
NORTH	M.Clear	11	16	16	14	8	21	17	17	17	17
	M.Cloudy	11	17	18	15	7	13	20	22	21	17
EAST	M.Clear	74	55	16	14	8	75	71	28	17	15
	M.Cloudy	31	36	18	15	7	23	36	26	21	16
SOUTH	M.Clear	39	69	76	58	21	13	26	38	33	15
	M.Cloudy	20	43	49	36	12	12	22	31	29	16
WEST	M.Clear	11	16	29	70	58	13	17	17	57	80
	M.Cloudy	11	17	25	41	25	12	20	22	42	45
M.Clear	(% hrs)	45	46	52	52	51	28	41	56	65	62

				Sept					Dec		
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	33	74	93	84	48	23	51	55	33	3
	M.Cloudy	18	45	62	57	30	15	35	37	22	3
NORTH	M.Clear	10	16	17	16	12	7	12	12	9	2
	M.Cloudy	8	17	20	18	12	6	12	13	9	1
EAST	M.Clear	66	69	26	16	12	48	39	12	9	2
	M.Cloudy	18	33	23	18	12	19	24	13	9	1
SOUTH	M.Clear	22	54	70	62	33	45	82	86	60	6
	M.Cloudy	10	29	43	40	19	18	42	44	28	3
WEST	M.Clear	10	16	17	59	75	7	12	27	51	9
	M.Cloudy	8	17	20	38	33	6	12	19	25	4
M.Clear	(% hrs)	39	49	66	72	69	50	52	53	54	53

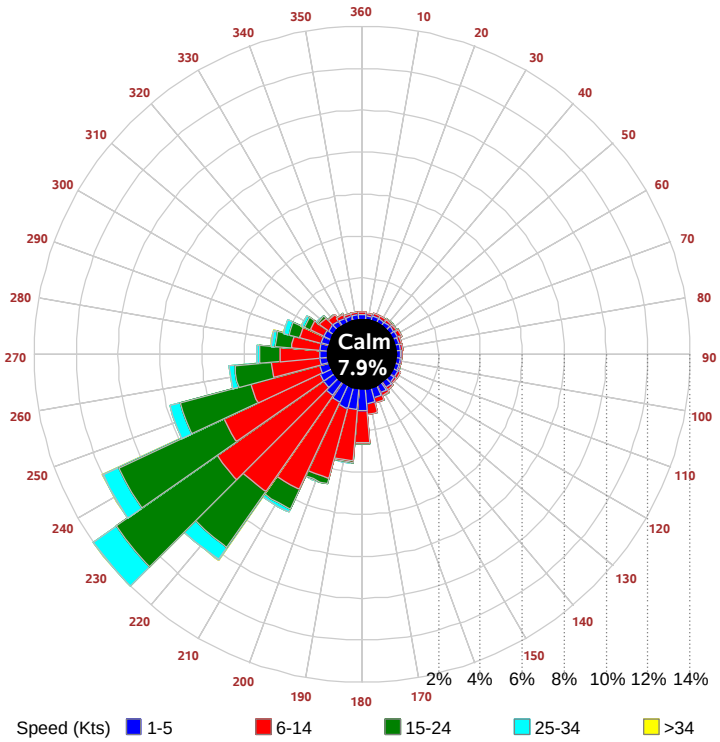
Wind Summary - December, January, and February



Wind Summary - March, April, and May



Wind Summary - June, July, and August



Wind Summary - September, October, and November