

PASO ROBLES MUNI, CA

Latitude = 35.67 N

Longitude = 120.63 W

Period of Record = 1988 To 2017

Station ID = ICAO_KPRB

Elevation = 836 Feet

Average Pressure = 29.11 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	109	70	51	8.2	VRB
0.4% Occurrence	102	67	44	9.2	SSW
1.0% Occurrence	99	66	45	9.5	SSW
2.0% Occurrence	95	65	45	10.2	SSW
Mean Daily Range	32	-	-	-	E
97.5% Occurrence	32	31	23	2.5	E
99.0% Occurrence	29	28	20	2	E
99.6% Occurrence	27	26	18	1.9	E
Median of Extreme Lows	23	22	14	2.5	E

	Design Value (°F)	Dry Bulb Temperature (°F)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Wet Bulb Temperature (T _{wb})					
Median of Extreme Highs	73	100	77	9.8	SSW
0.4% Occurrence	70	96	68	10.7	SSW
1.0% Occurrence	68	94	62	10.6	SSW
2.0% Occurrence	66	90	57	10.6	SSW

	Design Value (gr/lb)	Dry Bulb Temperature (°F)	Vapor Pressure (in. Hg)	Wind Speed (mph)	Prevailing Direction (NSEW)
Humidity Ratio (HR)					
Median of Extreme Highs	99	79	0.64	8.2	SSW
0.4% Occurrence	80	70	0.52	9.4	SSW
1.0% Occurrence	74	70	0.49	9.1	SSW
2.0% Occurrence	69	69	0.45	9.3	SSW

Air Conditioning/ Humid Area Criteria	Threshold	T ≥ 93 °F	T ≥ 80 °F	Twb ≥ 73 °F	Twb ≥ 67 °F
	# of Hours	281	1023	8	156

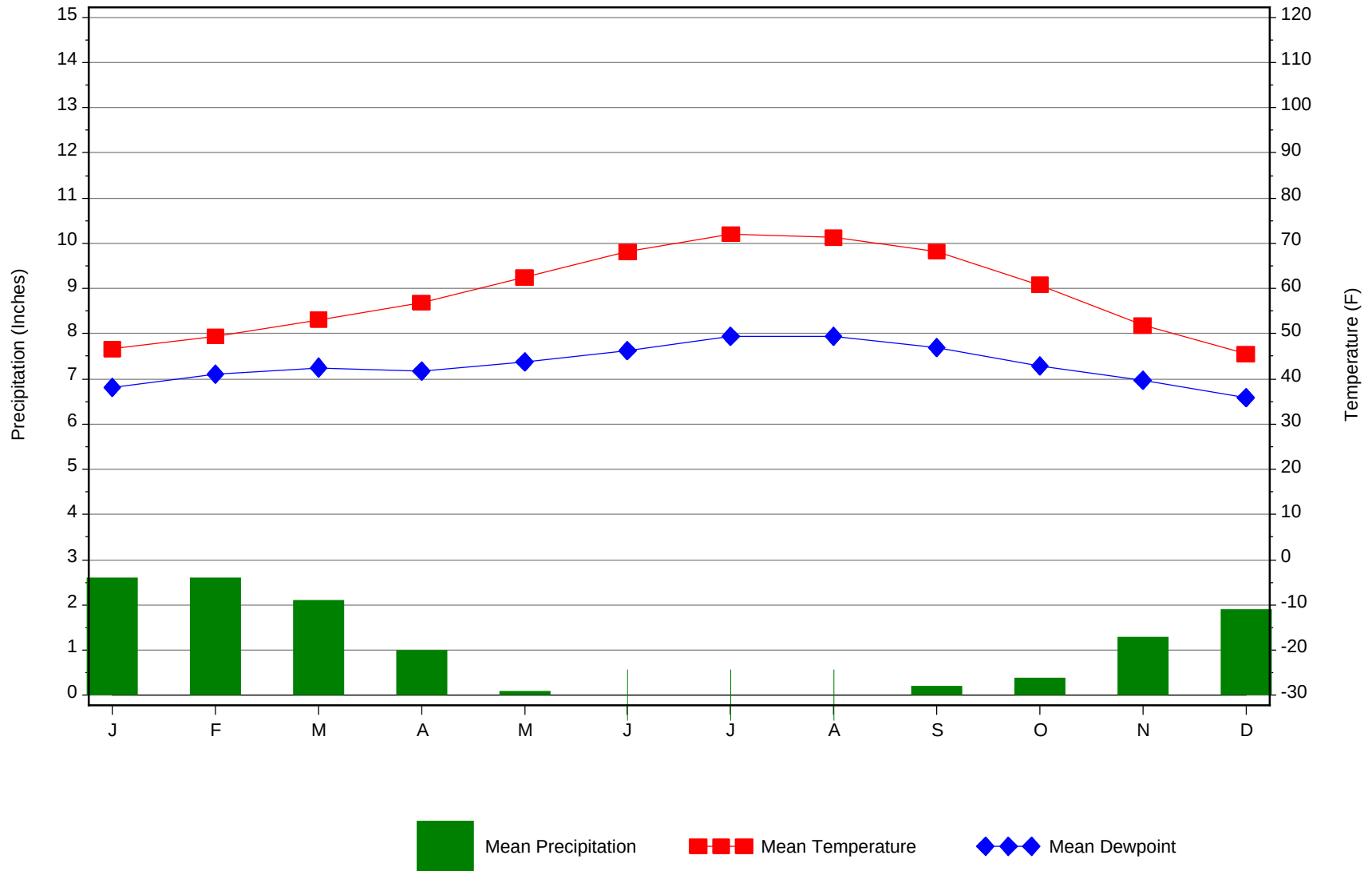
Other Site Data

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	1.5	85	0.0 + 1.3
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 (#)
61.4	N/A	N/A	34

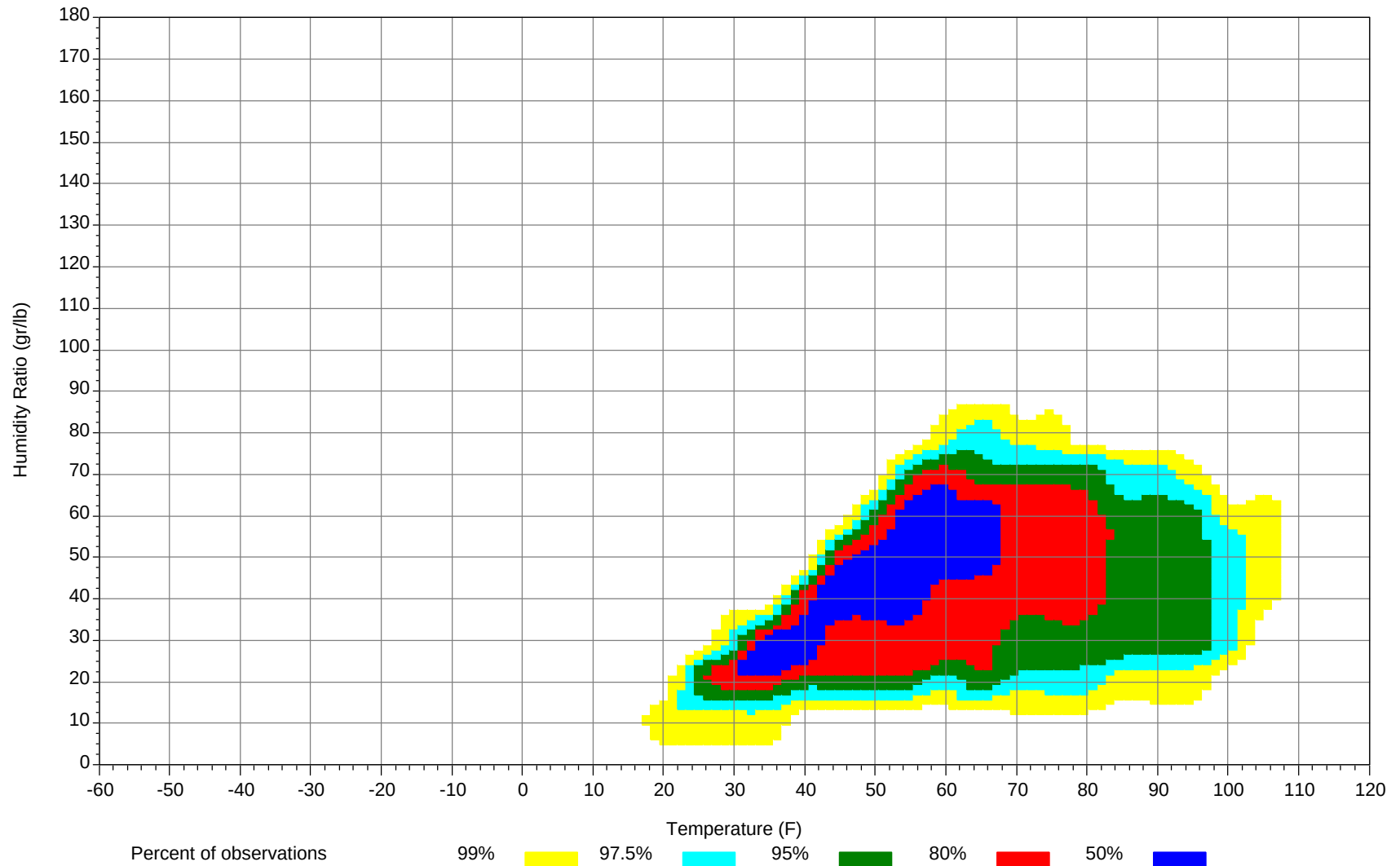
*Note: Temperatures at greater depths can be estimated by adding 1.5°F per 100 feet additional depth.



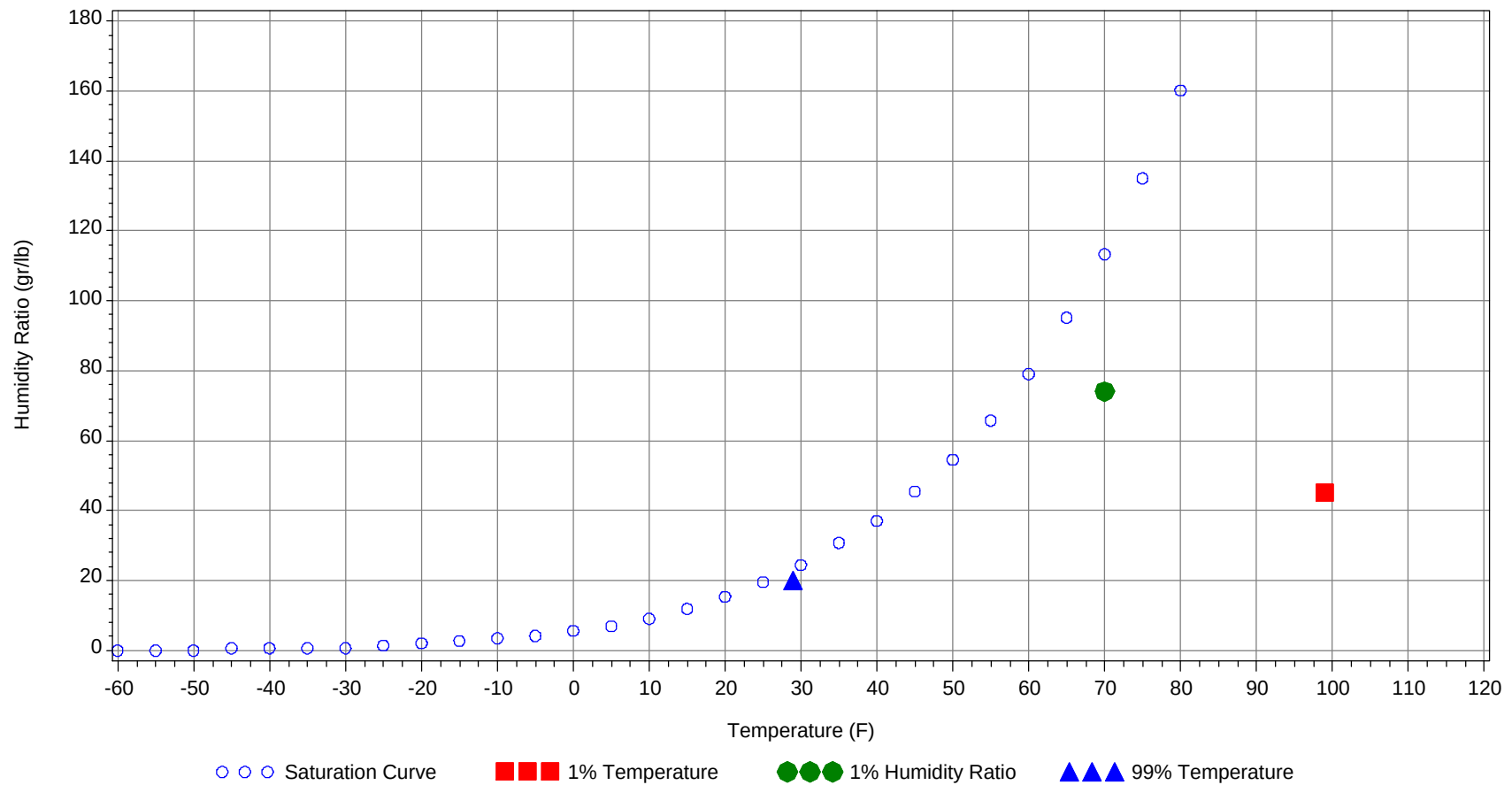
Average Annual Climate



Long Term Psychrometric Summary



Psychrometric Summary of Peak Design Values



	(° F) / (gr/lb)	MCDB (° F)	MCWB (° F)	MCDP (° F)	MCHR (gr/lb)	Enthalpy (btu/lb)
1.0% Dry Bulb	99.0		66		45.0	30.9
99.0% Dry Bulb	29.0				20.0	9.9
1.0% Humidity Ratio	74.0	70.0	62.3	58.0		28.4

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	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)
115/119															
110/114															
105/109															
100/104															
95/ 99															
90/ 94												0		0	59
85/ 89												1	0	1	59.7
80/ 84		0		0	54		1	0	1	57.2		8	1	9	60
75/ 79		2	0	2	53.1		5	1	6	57.2		15	4	19	58.1
70/ 74		8	1	9	52.8		12	3	15	55.8		30	10	40	56.3
65/ 69	0	13	2	15	52.3	0	17	5	22	54.6	0	29	12	41	54.7
60/ 64	1	34	9	44	51.8	0	36	15	51	52.6	0	47	28	75	52.8
55/ 59	5	55	29	89	50.4	6	53	35	94	50.8	5	54	47	106	50.7
50/ 54	18	57	59	134	47.6	28	50	68	146	48.3	39	40	72	151	48.4
45/ 49	43	39	75	157	43.8	53	30	59	142	44.4	83	20	53	156	44.7
40/ 44	40	19	40	99	39.9	45	11	22	78	40.4	56	3	15	74	40.7
35/ 39	61	15	25	101	35.8	52	7	14	73	36.2	49	1	5	55	36.5
30/ 34	54	5	7	66	31	32	1	2	35	31.2	15	0	0	15	31.5
25/ 29	23	1	1	25	26.2	7	0	0	7	26.7	1			1	27.1
20/ 24	2	0	0	2	20.4	1		0	1	21.5					
15/ 19	1			1	16.1	0			0	18					
10/ 14	0			0	11.7										
5/ 9															

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.

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	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)
115/119												0		0	72
110/114												0	0	0	70.8
105/109							0	0	0	66.3		2	0	2	68
100/104							1	0	1	65.2		9	1	10	66.2
95/ 99		1	0	1	62.6		7	1	8	64.4		18	4	22	64.8
90/ 94		4	1	5	61.8		15	4	19	62.5		33	8	41	63.2
85/ 89		9	2	11	60.5		18	4	22	61		27	9	36	62.1
80/ 84		17	5	22	59.2		34	11	45	59.5	0	37	19	56	60.7
75/ 79		26	8	34	57.2	0	37	15	52	57.9	1	36	23	60	59.4
70/ 74		39	15	54	55.7	1	45	24	70	56.3	5	36	34	75	57.7
65/ 69	0	31	17	48	53.9	3	33	26	62	54.7	10	20	31	61	56.1
60/ 64	2	48	33	83	52	14	34	45	93	53.1	33	17	48	98	54.4
55/ 59	15	38	51	104	50.2	40	18	56	114	51	72	4	45	121	52.1
50/ 54	54	20	62	136	47.8	89	4	49	142	48.3	91	0	16	107	49.3
45/ 49	86	5	38	129	44.1	78	0	13	91	44.6	26		1	27	45.1
40/ 44	46	0	6	52	40.4	17	0	0	17	40.4	2			2	40.9
35/ 39	30		2	32	36.4	5		0	5	36.5	0			0	37.3
30/ 34	6			6	31.6	0			0	32.8					
25/ 29	0			0	27.7										
20/ 24															
15/ 19															
10/ 14															
5/ 9															

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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	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)
115/119															
110/114		1	0	1	70.2		0		0	73		0		0	69.9
105/109		6	1	7	69		6	1	7	69.3		1	0	1	68.8
100/104		16	2	18	67.3		17	2	19	66.8		9	1	10	66
95/ 99		29	6	35	66		27	6	33	65.4		21	3	24	64.6
90/ 94		42	11	53	64.6		41	11	52	64.2		34	6	40	63.6
85/ 89	0	34	13	47	63.6		32	12	44	63.5	0	29	9	38	62.6
80/ 84	0	44	25	69	62.5	0	40	23	63	62.1	0	38	18	56	61.3
75/ 79	3	34	33	70	61	2	34	31	67	60.7	0	33	25	58	59.7
70/ 74	11	24	47	82	59.4	6	26	44	76	59.1	3	33	38	74	58.2
65/ 69	23	10	37	70	57.8	16	13	38	67	57.7	8	18	36	62	56.9
60/ 64	61	7	47	115	55.7	57	9	51	117	55.8	36	16	58	110	55.1
55/ 59	86	1	24	111	53.2	99	2	25	126	53.5	74	6	36	116	52.3
50/ 54	61	0	3	64	50.6	62	0	2	64	50.6	84	1	9	94	49.1
45/ 49	4		0	4	46.3	6			6	45.6	30		1	31	44.3
40/ 44	0			0	42.5	0			0	41.7	4			4	40
35/ 39											0			0	37.5
30/ 34															
25/ 29															
20/ 24															
15/ 19															
10/ 14															
5/ 9															

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.

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	M C W B (° F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (° F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (° F)
115/119															
110/114															
105/109															
100/104		1	0	1	65.3										
95/ 99		5	0	5	64.6										
90/ 94		13	2	15	62.1		0		0	61.1					
85/ 89		19	3	22	60.2		1		1	59.8					
80/ 84		32	8	40	59.2		7	0	7	58.1		0		0	58
75/ 79		35	13	48	57.8		14	1	15	57.2		1		1	53.1
70/ 74	0	39	23	62	56.3		26	5	31	55.3		8	0	8	51.6
65/ 69	1	30	25	56	54.9		30	8	38	53.5		14	1	15	51.3
60/ 64	10	37	53	100	53.8	1	53	26	80	52.3	0	36	7	43	51.3
55/ 59	34	23	59	116	51.5	9	45	49	103	50.4	6	52	25	83	49.7
50/ 54	73	10	44	127	48.2	28	34	64	126	47.5	19	58	50	127	46.9
45/ 49	78	3	15	96	43.5	62	19	51	132	43.9	36	37	70	143	43.2
40/ 44	32	0	2	34	39.2	47	6	20	73	39.5	27	17	43	87	39.3
35/ 39	17		1	18	35.1	53	3	12	68	35.4	50	17	36	103	35.2
30/ 34	2			2	29.9	29	1	3	33	30.8	64	7	13	84	30.5
25/ 29	0			0	25	11		0	11	26.1	38	1	2	41	25.8
20/ 24						0			0	21.6	6	0	0	6	20.9
15/ 19											2	0	0	2	16.5
10/ 14											0			0	10.7
5/ 9											0			0	9

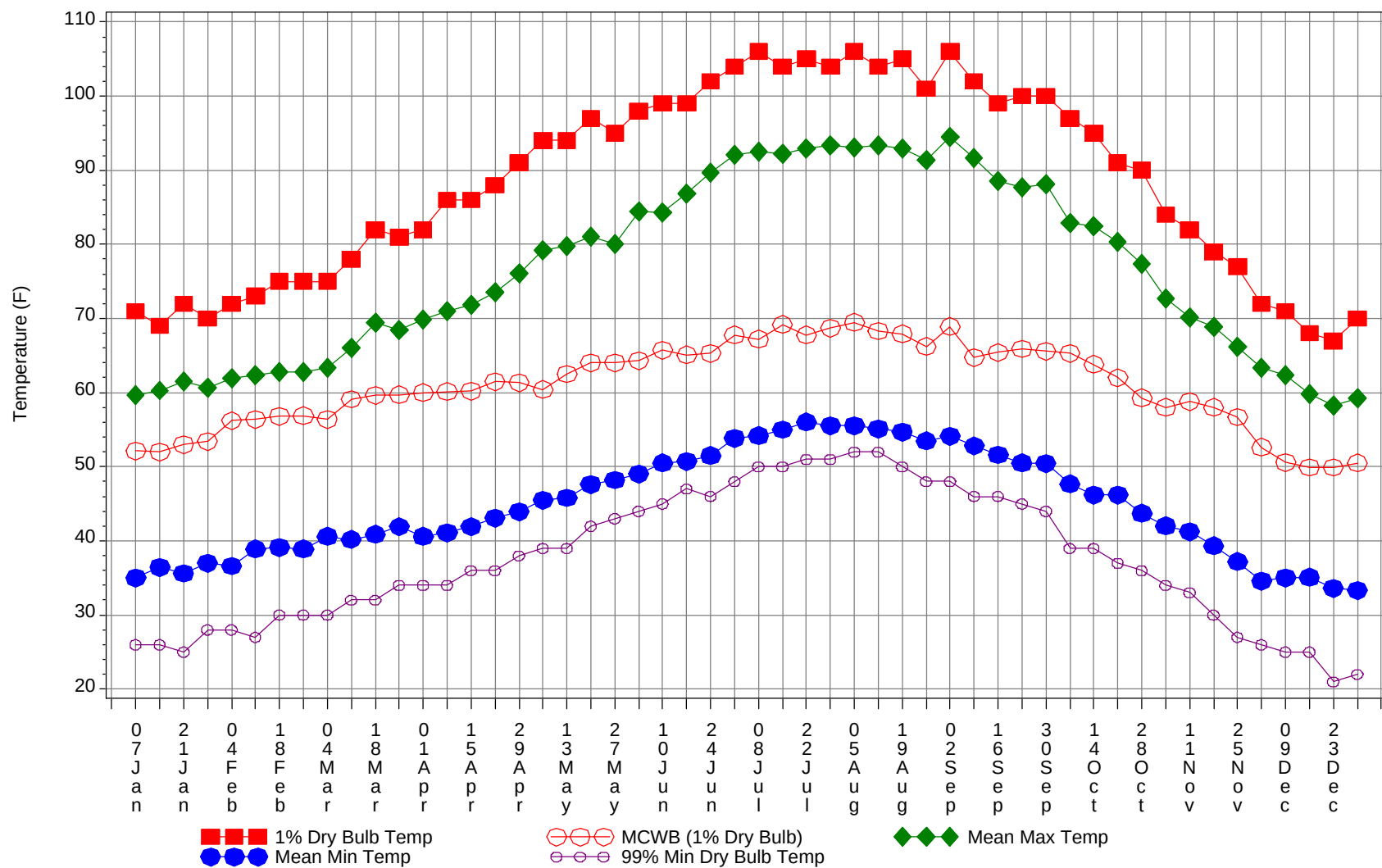
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Dry-Bulb Temperature Hours For An Average Year

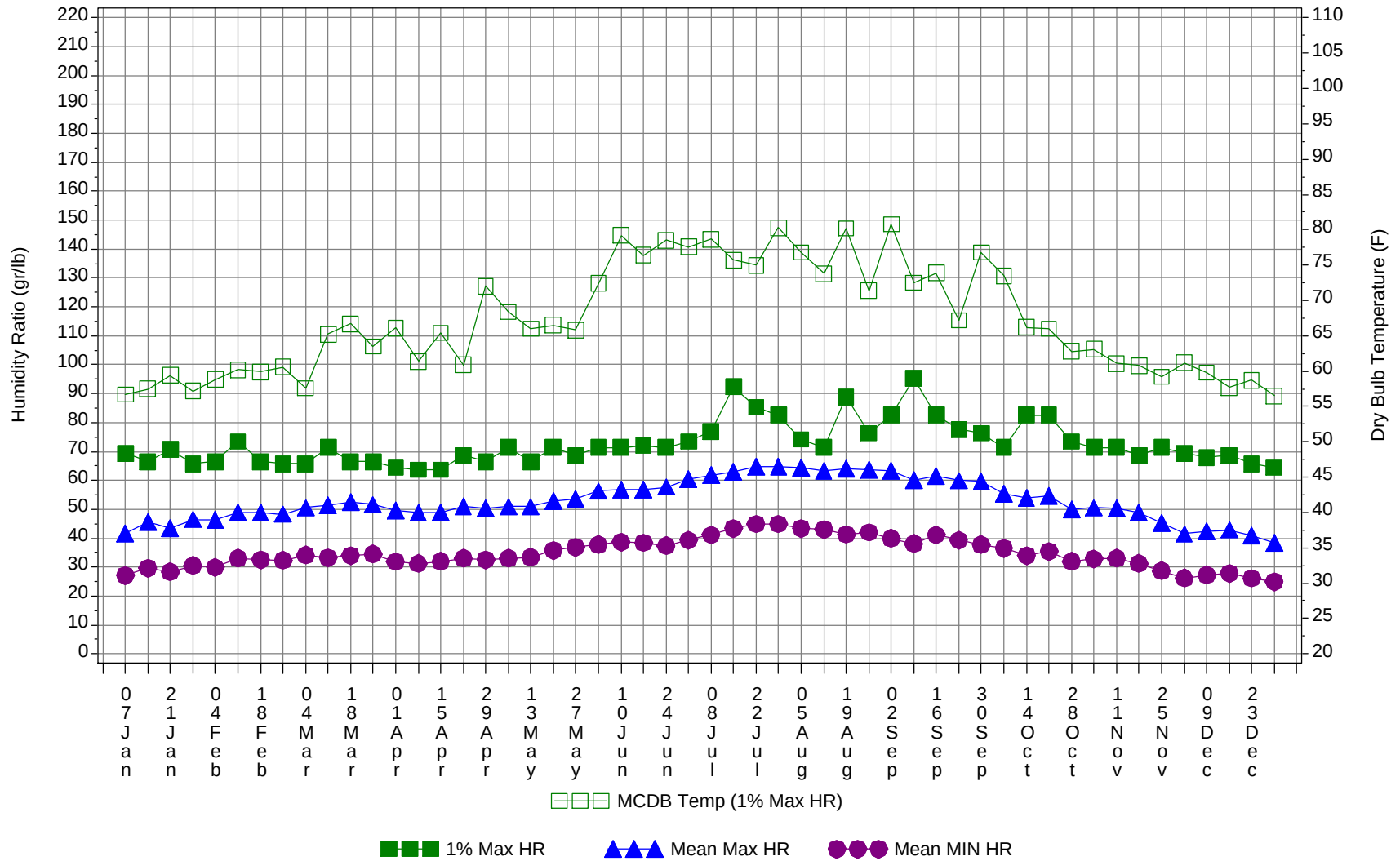
	Annual				
Temperature Range (°F)	01 To 08 LST	09 To 16 LST	17 to 00 LST	Total Obs	M C W B (°F)
115/119		0		0	72
110/114		1	0	1	71
105/109		15	2	17	68.9
100/104		53	6	59	66.7
95/ 99		109	20	129	65.2
90/ 94		184	43	227	63.7
85/ 89	0	170	53	223	62.4
80/ 84	1	258	109	368	60.9
75/ 79	6	272	155	433	59.2
70/ 74	26	326	245	597	57.3
65/ 69	60	259	238	557	55.5
60/ 64	217	377	421	1015	53.8
55/ 59	451	350	481	1282	51.4
50/ 54	646	275	499	1420	48.3
45/ 49	584	153	376	1113	44.1
40/ 44	317	57	150	524	40
35/ 39	318	43	94	455	35.8
30/ 34	201	14	25	240	30.9
25/ 29	80	2	3	85	26.1
20/ 24	8	0	1	9	20.9
15/ 19	3	0	0	3	16.4
10/ 14	0			0	10.9
5/ 9	0			0	9

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



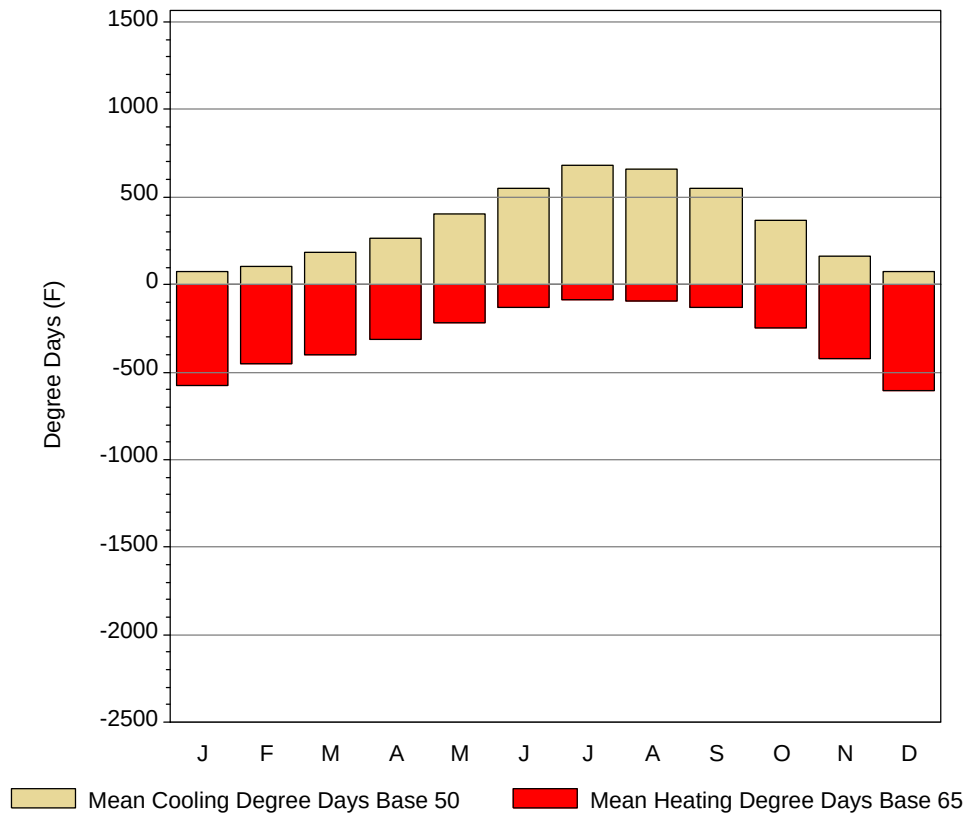
Long Term Humidity and Dry Bulb Temperature Summary



Long Term Humidity and Dry Bulb Temperature Summary

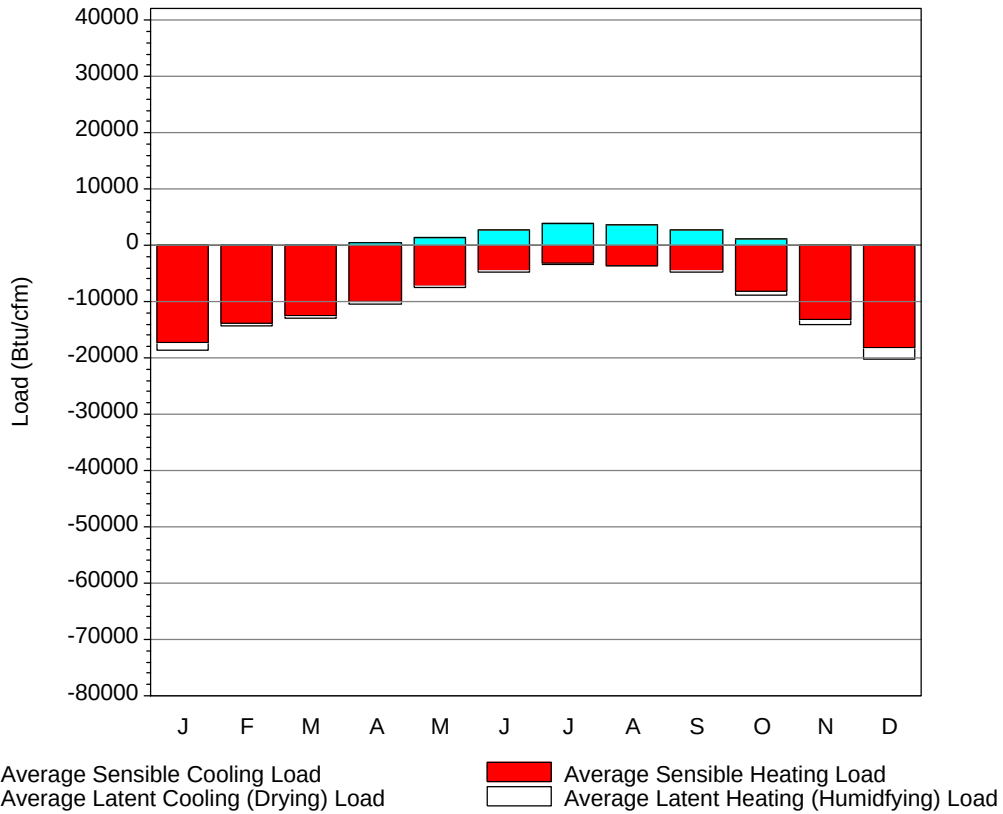
Week Ending	1.0% Temp (° F)	MCWB@ 1% Temp (° F)	Mean Max Temp (° F)	Mean Min Temp (° F)	99% Temp (° F)	1.0% HR (gr/lb)	MCDB@ 1% HR (° F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	71	52.1	59.7	35	26	69.3	56.7	41.7	27.1
14-Jan	69	52	60.3	36.4	26	66.5	57.5	45.5	29.7
21-Jan	72	53	61.5	35.6	25	70.7	59.4	43.5	28.4
28-Jan	70	53.4	60.7	37	28	65.8	57.2	46.5	30.6
4-Feb	72	56.2	61.9	36.6	28	66.5	58.8	46.4	29.9
11-Feb	73	56.4	62.3	38.9	27	73.5	60.2	48.9	33.1
18-Feb	75	56.8	62.8	39.1	30	66.5	59.9	48.8	32.6
25-Feb	75	56.9	62.8	38.9	30	65.8	60.6	48.3	32.3
4-Mar	75	56.4	63.4	40.6	30	65.8	57.6	50.5	34.1
11-Mar	78	59.1	66	40.2	32	71.4	65.2	51.4	33.3
18-Mar	82	59.6	69.4	40.9	32	66.5	66.7	52.4	34
25-Mar	81	59.7	68.5	41.9	34	66.5	63.5	51.6	34.5
1-Apr	82	60	69.8	40.6	34	64.4	66.1	49.6	31.9
8-Apr	86	60.1	71	41.1	34	63.7	61.4	48.9	31.2
15-Apr	86	60.2	71.9	41.9	36	63.7	65.4	48.9	32
22-Apr	88	61.5	73.6	43.1	36	68.6	60.9	51	33.1
29-Apr	91	61.3	76.1	43.9	38	66.5	72	50.3	32.6
6-May	94	60.4	79.2	45.5	39	71.4	68.4	50.9	33
13-May	94	62.5	79.7	45.8	39	66.5	66	50.9	33.4
20-May	97	64	81	47.6	42	71.4	66.5	52.8	35.7
27-May	95	64	80	48.2	43	68.6	65.8	53.5	36.8
4-Jun	98	64.3	84.5	49	44	71.4	72.4	56.3	37.7
10-Jun	99	65.7	84.3	50.5	45	71.4	79.2	56.9	38.6
17-Jun	99	65.1	86.8	50.7	47	72.1	76.4	56.9	38.4
24-Jun	102	65.3	89.7	51.5	46	71.4	78.5	57.7	37.4
1-Jul	104	67.8	92.1	53.8	48	73.5	77.6	60.5	39.3
8-Jul	106	67.2	92.5	54.2	50	77	78.7	61.8	41.1
15-Jul	104	69.2	92.2	55	50	92.4	75.7	63.1	43.3
22-Jul	105	67.8	92.9	56	51	85.4	75	64.9	44.9
29-Jul	104	68.7	93.4	55.5	51	82.6	80.3	64.8	44.9
5-Aug	106	69.5	93.1	55.5	52	74.2	76.8	64.4	43.3
12-Aug	104	68.3	93.3	55.1	52	71.4	73.8	63.4	43
19-Aug	105	67.9	92.9	54.7	50	88.9	80.2	64	41.3
26-Aug	101	66.2	91.4	53.5	48	76.3	71.4	63.6	42
2-Sep	106	68.9	94.5	54.1	48	82.6	80.8	63.4	39.9
9-Sep	102	64.7	91.7	52.8	46	95.2	72.5	60.1	38.1
16-Sep	99	65.4	88.5	51.6	46	82.6	73.9	61.6	41.1
23-Sep	100	65.9	87.7	50.5	45	77.7	67.2	59.9	39.3
30-Sep	100	65.6	88.1	50.4	44	76.3	76.8	59.6	37.8
7-Oct	97	65.3	82.9	47.7	39	71.4	73.5	55.3	36.5
14-Oct	95	63.8	82.4	46.2	39	82.6	66.2	53.9	34
21-Oct	91	62	80.4	46.2	37	82.6	66	54.7	35.4
28-Oct	90	59.3	77.3	43.7	36	73.5	62.8	50	32
4-Nov	84	58	72.7	42	34	71.4	63.1	50.5	32.8
11-Nov	82	58.8	70.1	41.2	33	71.4	61.1	50.4	33.1
18-Nov	79	58	68.9	39.3	30	68.6	60.8	48.9	31.3
25-Nov	77	56.7	66.2	37.2	27	71.4	59.2	45.4	28.8
2-Dec	72	52.6	63.4	34.6	26	69.3	61.2	41.5	26.2
9-Dec	71	50.6	62.3	35	25	67.9	59.8	42.5	27.3
16-Dec	68	49.9	59.8	35.1	25	68.6	57.7	42.9	27.8
23-Dec	67	49.9	58.2	33.6	21	65.8	58.7	40.9	26.1
31-Dec	70	50.5	59.2	33.3	22	64.4	56.5	38.5	25

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	78.1	4.4	574.7
FEB	101	9	449.8
MAR	180.8	31.1	400.5
APR	261.7	68.3	311.6
MAY	405	137	216.5
JUN	546.8	224	130.9
JUL	681.4	301.4	85.3
AUG	661.1	288.8	93.4
SEP	551.2	224.4	127.9
OCT	369.9	118.1	247.5
NOV	164.7	25.8	423.6
DEC	73.7	3.4	608.6
ANN	4075.4	1435.7	3670.3

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	5	-17247	1	-1275
FEB	12	-13748	0	-588
MAR	119	-12488	0	-353
APR	487	-9902	0	-429
MAY	1309	-7192	2	-266
JUN	2658	-4623	9	-166
JUL	3833	-3248	58	-47
AUG	3714	-3531	31	-63
SEP	2680	-4548	55	-151
OCT	1086	-8092	16	-649
NOV	105	-13060	1	-1044
DEC	1	-18132	0	-2048
ANN	16009	-115811	173	-7079

Station Information		Shading Geometry in Dimensionless Units	
City, State, WBAN	SANTAMARIA, CA 23273	Window:	1.000
Lat, Lon, Elev	34.90N 120.45W 236ft	Overhang:	0.390
Press, Stn_Type	14.6psia Primary	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

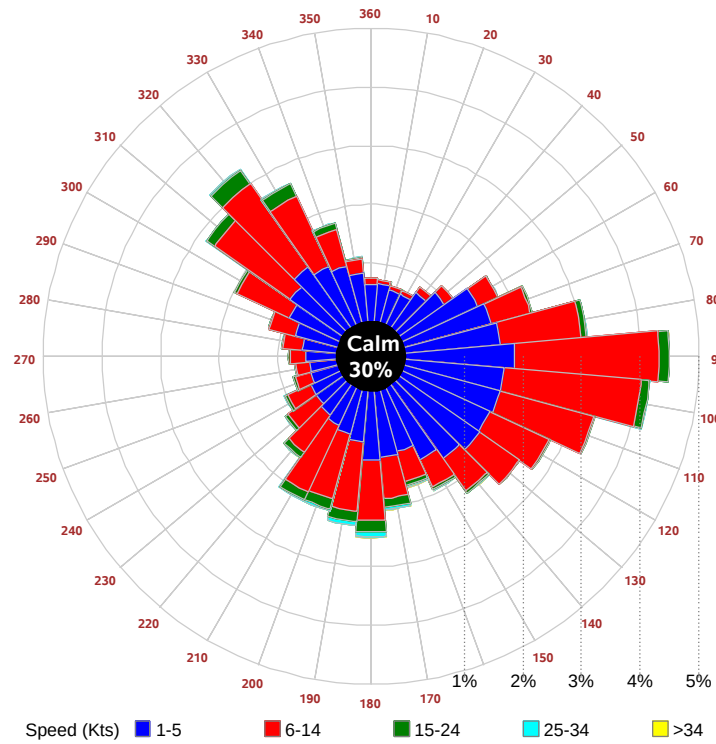
Average Annual Solar Radiation - Nearest Available Site Source: National Renewable Energy Laboratory, Golden CO, 1995

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

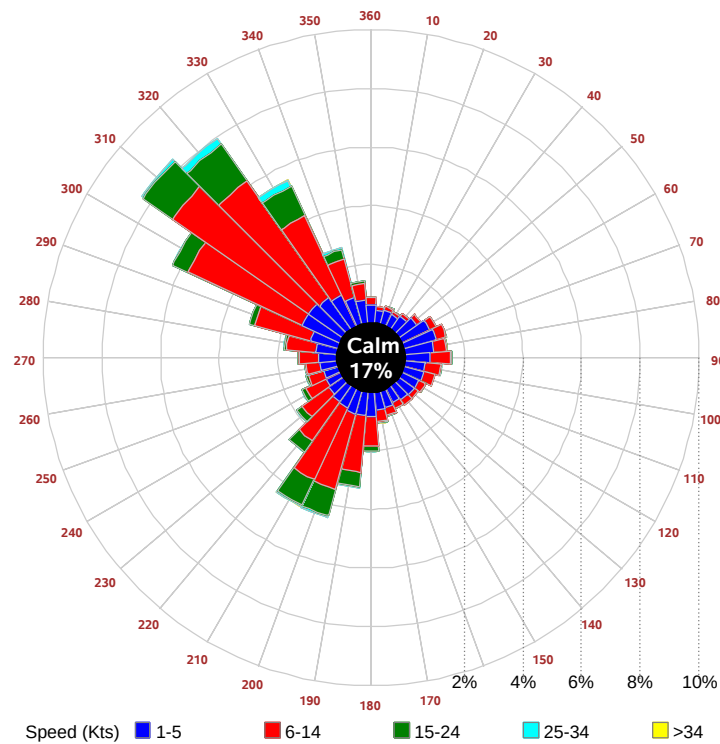
AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS Percentage Uncertainty = 9												
		March					June					
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm	
HORIZ.	M.Clear	44	79	89	70	29	48	87	106	101	71	
	M.Cloudy	28	54	60	48	19	28	51	78	77	52	
NORTH	M.Clear	11	15	16	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	

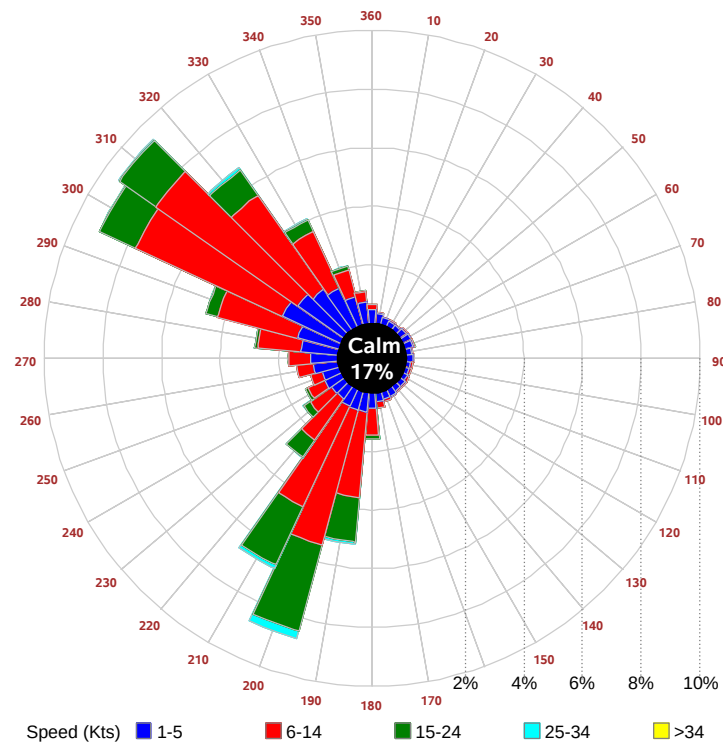
Wind Summary - December, January, and February



Wind Summary - March, April, and May



Wind Summary - June, July, and August



Wind Summary - September, October, and November

