KLAMATH FALLS/KINGS FLD OR	
Latitude = 42.15 N	WMO No. 725895
Longitude =121.70 W	Elevation = 4091 feet
Period of Record = 1967 to 1996	Average Pressure = 25.84 inches Hg

Design Criteria Data

		Mean Coincident (Average) Values			
Dry Bulb Temperature (T)	**Design Value (^oF)**	Wet Bulb Temperature (^oF)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Median of Extreme Highs	96	65	55	7.1	NNW
0.4% Occurrence	91	63	53	7.5	W
1.0% Occurrence	88	61	50	7.8	NNW
2.0% Occurrence	85	60	49	8.2	W
Mean Daily Range	25	-	-	-	-
97.5% Occurrence	17	16	13	2.3	NNW
99.0% Occurrence	11	10	9	2.3	N
99.6% Occurrence	5	5	7	2.1	NW
Median of Extreme Lows	-1	-1	5	2.6	NW
		Mean Coincident (Average) Values			
Wet Bulb Temperature (T_{wb})	**Design Value (^oF)**	Dry Bulb Temperature (^oF)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Median of Extreme Highs	68	88	82	7.5	NW
0.4% Occurrence	65	86	73	8.4	NW
1.0% Occurrence	63	82	68	7.9	NW
2.0% Occurrence	62	82	64	7.7	NW
		Mean Coincident (Average) Values			
Humidity Ratio (HR)	**Design Value (gr/lb)**	Dry Bulb Temperature (^oF)	Vapor Pressure (in. Hg)	Wind Speed (mph)	Prevailing Direction (NSEW)
Median of Extreme Highs	93	76	0.54	6.2	NW
0.4% Occurrence	81	74	0.47	7.4	NW
1.0% Occurrence	76	73	0.44	6.4	NNW
2.0% Occurrence	70	70	0.41	6.5	NW
Air Conditioning/		$T \geq 93^oF$	$T \geq 80^oF$	$T_{wb} \geq 73^oF$	$T_{wb} \geq 67^oF$
Humid Area Criteria	# of Hours	20	421	0	15

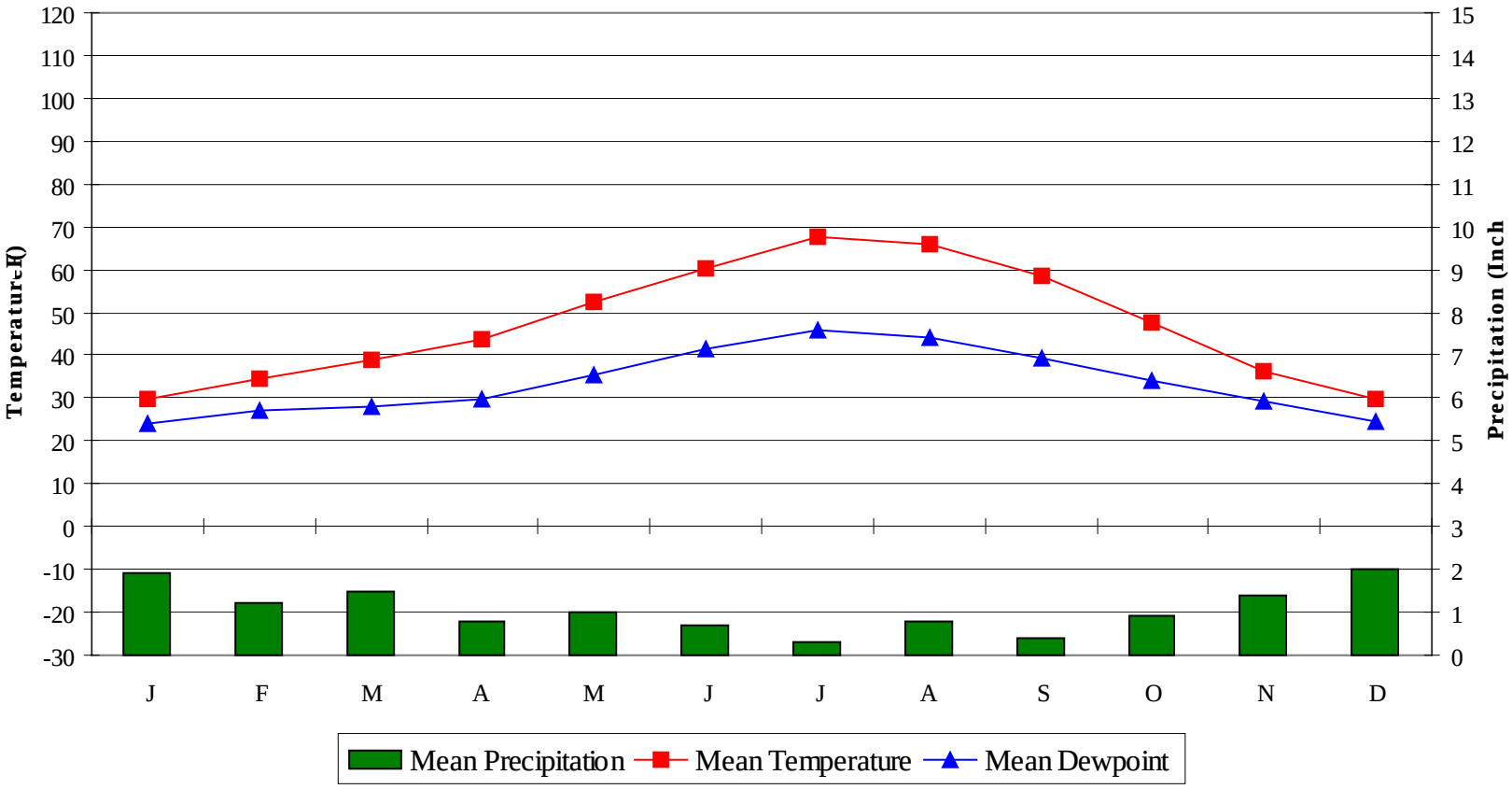
Other Site Data

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^oF-RH 60% Latent + Sensible
6	1.0	N/A	0.0 + 0.4
Ground Water Temperature (^oF) 50 Foot Depth *	**Frost Depth 50 Year Recurrence (in.)**	**Ground Snow Load 50 Year Recurrence (lb/ft^2)**	**Average Annual Freeze-Thaw Cycles (#)**
49.6	N/A	6	123

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

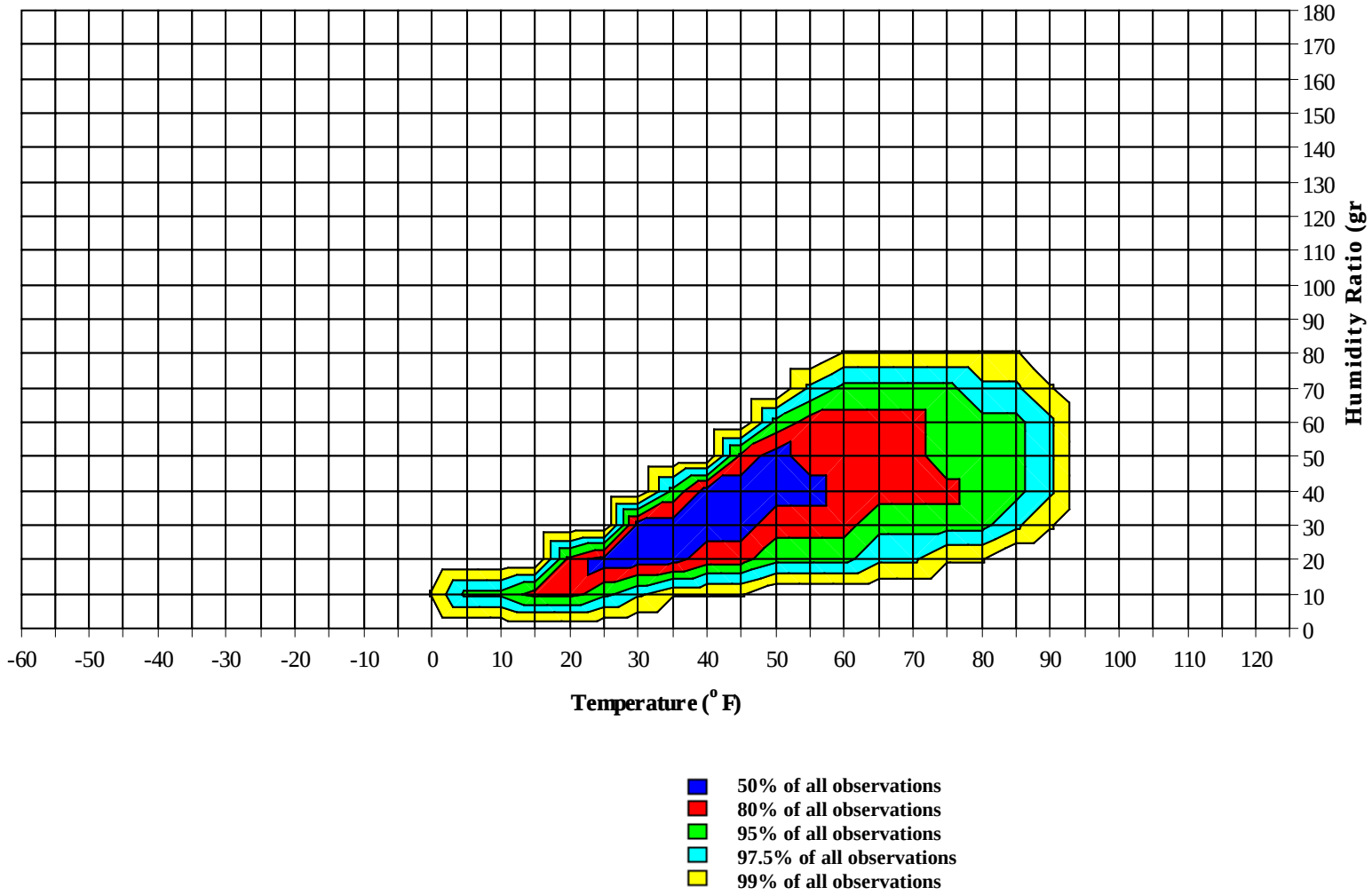
KLAMATH FALLS/KINGS FLD OR WMO No. 725895

Average Annual Climate

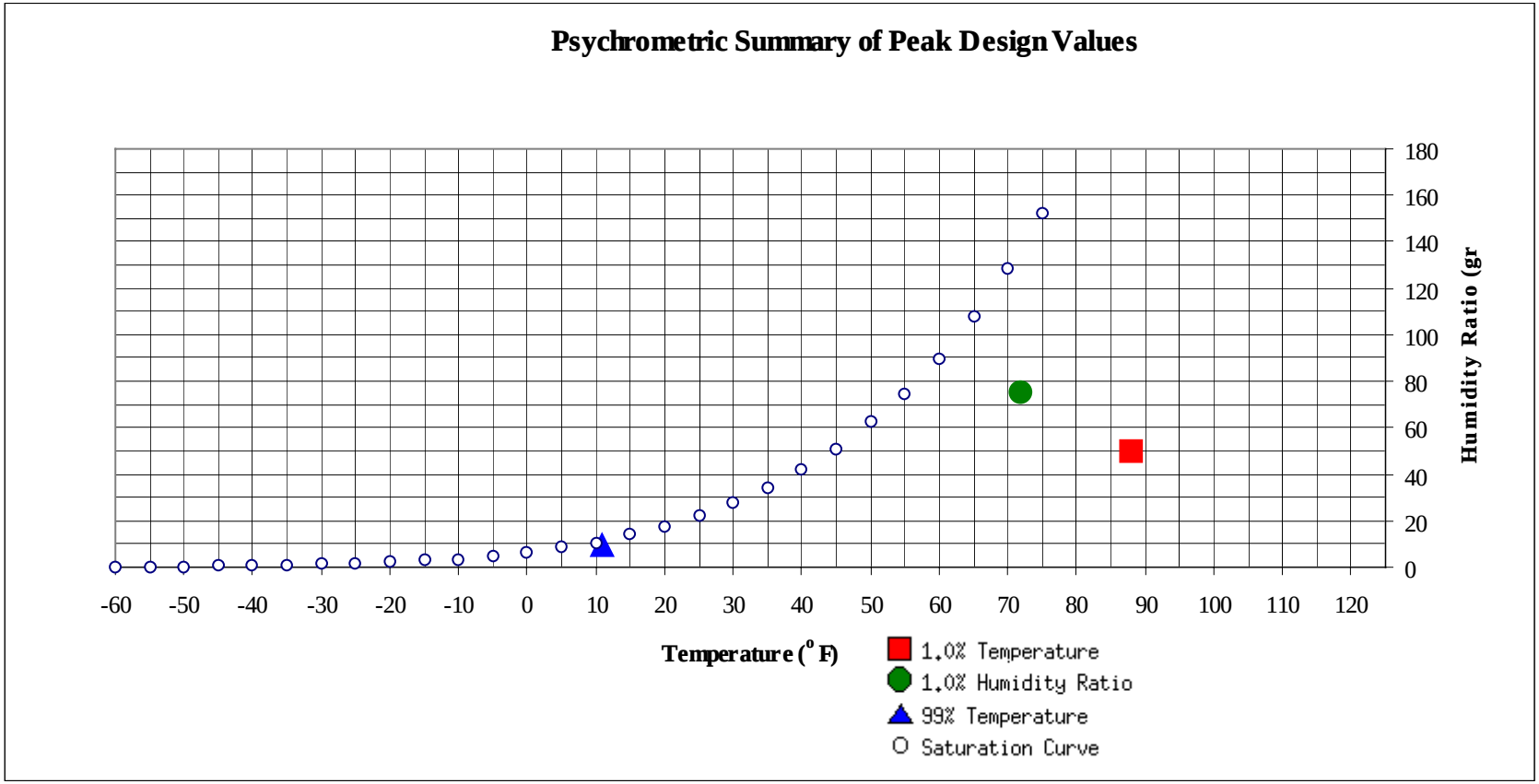


KLAMATH FALLS/KINGS FLD OR WMO No. 725895

Long Term Psychrometric Summary



KLAMATH FALLS/KINGS FLD OR WMO No. 725895



	(°F)	MCHR (gr/lb)	Enthalpy (btu/lb)
99% Dry Bulb	11	9.3	4.1

	(gr/lb)	MCDB (°F)	MCWB (°F)	MC Dewpt (°F)	Enthalpy (btu/lb)
1.0% Humidity Ratio	75.6	71.8	60.9	55.2	29.0

	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
1.0% Dry Bulb	88	50.2	61.2	29.0

KLAMATH FALLS/KINGS FLD OR WMO No. 725895

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

Period of Record = 1967 to 1996

Temperature Range (°F)	January Hour Group (LST) 01 To 08	January 09 To 16	January 17 To 00	January Total Obs	January MCWB (°F)	February Hour Group (LST) 01 To 08	February 09 To 16	February 17 To 00	February Total Obs	February MCWB (°F)	March Hour Group (LST) 01 To 08	March 09 To 16	March 17 To 00	March Total Obs	March MCWB (°F)
100 / 104															
95 / 99															
90 / 94															
85 / 89															
80 / 84															
75 / 79															
70 / 74							0		0	53.0		1	0	1	52.9
65 / 69							1	0	1	49.8		4	1	5	49.3
60 / 64							3	1	4	48.4		12	3	15	46.8
55 / 59		0		0	45.5		8	2	10	45.7		21	7	28	44.7
50 / 54	0	7	1	8	43.6	0	16	5	22	43.2	0	34	16	50	42.5
45 / 49	3	19	5	26	40.8	3	33	16	53	40.7	7	49	31	86	40.1
40 / 44	12	40	24	75	37.7	16	48	37	100	37.6	27	56	55	138	37.2
35 / 39	33	53	46	132	34.1	39	51	58	149	34.0	54	42	60	156	33.7
30 / 34	50	56	63	170	30.2	66	37	58	160	30.1	73	25	51	149	29.7
25 / 29	50	36	48	135	25.6	52	15	28	94	25.7	59	6	20	84	25.4
20 / 24	37	19	28	84	21.1	24	6	9	39	21.0	21	1	3	25	21.4
15 / 19	25	10	17	52	16.3	10	3	5	18	16.1	5	0	1	6	16.7
10 / 14	19	6	10	34	11.4	8	1	3	12	11.4	1	0	0	1	11.2
5 / 9	12	2	4	18	6.8	3	0	1	4	6.7	0			0	7.2
0 / 4	5	1	2	7	1.8	1	0	1	3	1.8	0			0	2.0
-5 / -1	1	0	0	2	-2.4	0	0	0	1	-2.9					
-10 / -6	1	0	0	1	-7.3	1	0	0	1	-6.8					
-15 / -11	0	0		0	-10.5	0			0	-11.0					
-20 / -16															
-25 / -21															

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.

KLAMATH FALLS/KINGS FLD OR WMO No. 725895

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

Period of Record = 1967 to 1996

Temperature Range (°F)	April Hour Group (LST) 01 To 08	April 09 To 16	April 17 To 00	April Total Obs	April MCWB (°F)	May Hour Group (LST) 01 To 08	May 09 To 16	May 17 To 00	May Total Obs	May MCWB (°F)	June Hour Group (LST) 01 To 08	June 09 To 16	June 17 To 00	June Total Obs	June MCWB (°F)
100 / 104												0	0	0	70.0
95 / 99								0	0	66.0		0	0	0	66.7
90 / 94							1	0	1	66.5		2	1	3	63.2
85 / 89		0		0	61.0		2	0	2	58.9		13	4	18	61.2
80 / 84		1	0	1	60.0		9	3	11	57.6		26	11	37	58.9
75 / 79		3	1	3	55.0	0	17	7	24	55.7	0	37	18	55	57.2
70 / 74		10	3	13	52.7	0	28	11	39	53.6	2	40	24	66	55.6
65 / 69		15	6	21	50.0	2	35	19	56	51.3	10	37	33	81	53.6
60 / 64	0	25	12	36	47.4	6	39	29	74	49.1	23	32	40	95	51.5
55 / 59	1	33	17	51	45.0	16	40	38	94	47.0	39	26	39	104	49.3
50 / 54	8	40	29	77	42.6	31	34	41	106	44.6	54	17	33	104	46.7
45 / 49	21	46	42	109	40.1	51	25	43	119	41.6	51	7	23	80	43.1
40 / 44	40	39	50	129	37.1	55	14	30	100	38.2	37	1	11	49	39.5
35 / 39	59	22	43	124	33.6	46	4	19	69	34.4	19	0	2	22	35.5
30 / 34	60	6	29	95	29.6	31	1	6	38	30.5	4		0	4	31.8
25 / 29	37	1	8	46	25.5	9		1	10	26.4	0			0	28.3
20 / 24	12		0	12	21.5	1			1	23.2					
15 / 19	1		0	1	17.6										
10 / 14	0			0	13.0										
5 / 9															
0 / 4															
-5 / -1															
-10 / -6															
-15 / -11															
-20 / -16															
-25 / -21															

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.

KLAMATH FALLS/KINGS FLD OR WMO No. 725895

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

Period of Record = 1967 to 1996

Temperature Range (°F)	July Hour Group (LST) 01 To 08	July 09 To 16	July 17 To 00	July Total Obs	July MCWB (°F)	August Hour Group (LST) 01 To 08	August 09 To 16	August 17 To 00	August Total Obs	August MCWB (°F)	September Hour Group (LST) 01 To 08	September 09 To 16	September 17 To 00	September Total Obs	September MCWB (°F)
100 / 104		0		0	69.5		0		0	65.8					
95 / 99		4	1	5	65.7		2	1	3	64.3		0	0	0	65.6
90 / 94		18	6	24	63.4		13	4	17	62.5		2	0	2	61.9
85 / 89		36	16	51	61.3		35	12	47	60.5		11	2	13	59.1
80 / 84	0	50	25	75	60.0	0	49	22	71	58.8		31	8	39	57.4
75 / 79	2	50	33	85	58.6	1	46	28	75	57.6		38	13	51	55.9
70 / 74	10	42	42	94	57.2	5	41	38	84	56.3	0	38	21	59	54.4
65 / 69	24	26	42	91	55.5	16	30	41	86	54.8	2	36	29	66	52.6
60 / 64	43	14	38	94	53.5	33	19	41	93	52.8	11	34	38	83	50.7
55 / 59	56	6	26	88	51.1	54	9	33	95	50.6	27	26	45	98	48.5
50 / 54	61	2	13	75	48.3	67	3	20	91	47.7	52	16	40	107	46.1
45 / 49	35	1	6	41	44.5	51	1	7	58	44.3	63	7	27	97	43.0
40 / 44	15	0	1	16	40.7	19		1	20	40.5	51	2	13	66	39.4
35 / 39	4		0	4	36.6	4		0	4	36.5	25	0	4	28	35.6
30 / 34	0			0	32.2	0			0	32.7	8		0	9	31.4
25 / 29											1			1	26.7
20 / 24															
15 / 19															
10 / 14															
5 / 9															
0 / 4															
-5 / -1															
-10 / -6															
-15 / -11															
-20 / -16															
-25 / -21															

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.

KLAMATH FALLS/KINGS FLD OR WMO No. 725895

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

Period of Record = 1967 to 1996

Temperature Range (°F)	October Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)	November Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)	December Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)
100 / 104															
95 / 99															
90 / 94		0		0	58.3										
85 / 89		1	0	1	57.0										
80 / 84		4	1	5	56.0										
75 / 79		10	2	12	54.7										
70 / 74		21	4	25	52.8		0		0	51.0					
65 / 69	0	28	9	37	50.7		2		2	50.9					
60 / 64	1	37	16	53	48.7		7	0	7	49.5					
55 / 59	5	37	26	68	46.6	0	15	3	18	46.6		1		1	46.5
50 / 54	15	40	41	95	44.3	3	29	9	41	44.5	0	6	1	7	43.7
45 / 49	33	36	49	118	41.7	13	39	25	77	41.6	4	20	6	30	41.1
40 / 44	49	23	49	121	38.4	20	50	40	110	38.2	16	40	19	75	37.6
35 / 39	65	7	34	106	34.6	41	46	54	140	34.5	29	57	44	130	34.1
30 / 34	52	2	15	69	30.4	61	34	58	154	30.4	51	59	65	175	30.3
25 / 29	23	0	3	26	26.3	50	14	32	96	25.9	48	35	56	139	25.7
20 / 24	5		0	6	21.9	30	3	13	46	21.2	40	16	27	83	21.1
15 / 19	1			1	18.4	14	1	4	19	16.5	29	9	14	52	16.4
10 / 14						4	0	1	6	11.9	16	3	8	27	11.5
5 / 9						2	0	1	3	6.8	7	2	5	15	6.7
0 / 4						1		1	2	1.9	5	1	3	9	2.0
-5 / -1						0		0	0	-2.0	2	0	0	2	-2.3
-10 / -6											0	0	0	1	-6.6
-15 / -11											0	0	0	0	-12.1
-20 / -16											0			0	-17.0
-25 / -21											0			0	-20.5

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.

KLAMATH FALLS/KINGS FLD OR WMO No. 725895

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

Period of Record = 1967 to 1996

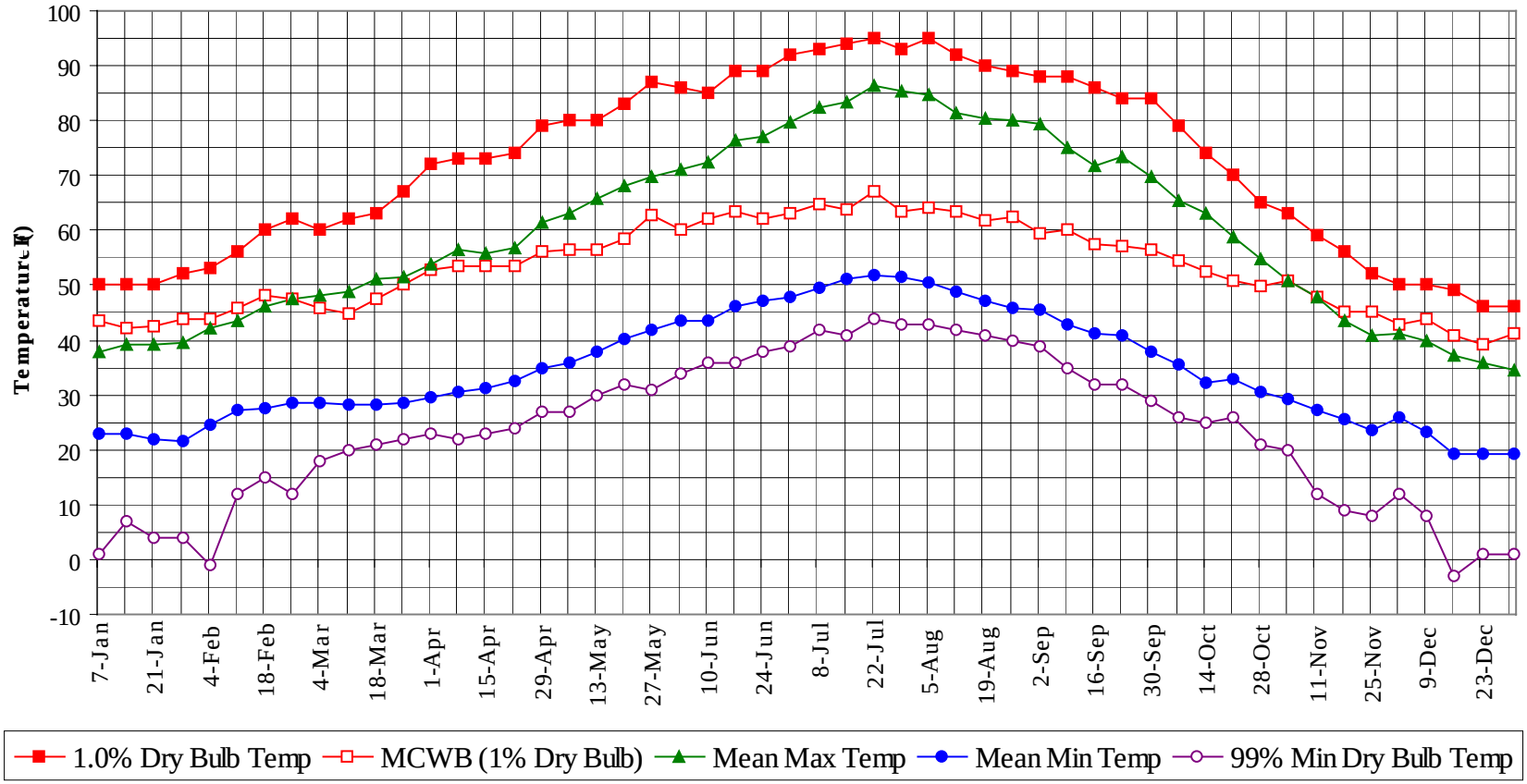
Annual Totals

Temperature Range (°F)	Hour Group (LST) 01 To 08	09 To 16	17 To 00	Total Obs	MCWB (°F)
100 / 104		0	0	0	68.0
95 / 99		6	2	8	65.2
90 / 94		36	11	46	63.0
85 / 89		97	35	132	60.7
80 / 84	0	168	70	238	58.9
75 / 79	2	200	102	304	57.2
70 / 74	17	221	142	380	55.4
65 / 69	53	213	179	445	53.3
60 / 64	116	221	218	554	50.9
55 / 59	197	223	235	654	48.3
50 / 54	290	245	249	783	45.4
45 / 49	332	283	280	896	41.8
40 / 44	358	312	331	1001	38.0
35 / 39	418	282	365	1065	34.2
30 / 34	458	220	347	1025	30.1
25 / 29	330	107	196	633	25.7
20 / 24	170	44	81	296	21.2
15 / 19	85	23	40	148	16.4
10 / 14	48	11	23	81	11.5
5 / 9	25	5	11	41	6.8
0 / 4	13	2	6	20	1.9
-5 / -1	4	1	1	5	-2.4
-10 / -6	2	0	0	2	-6.9
-15 / -11	1	0	0	1	-11.4
-20 / -16	0			0	-17.0
-25 / -21	0			0	-20.5

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.

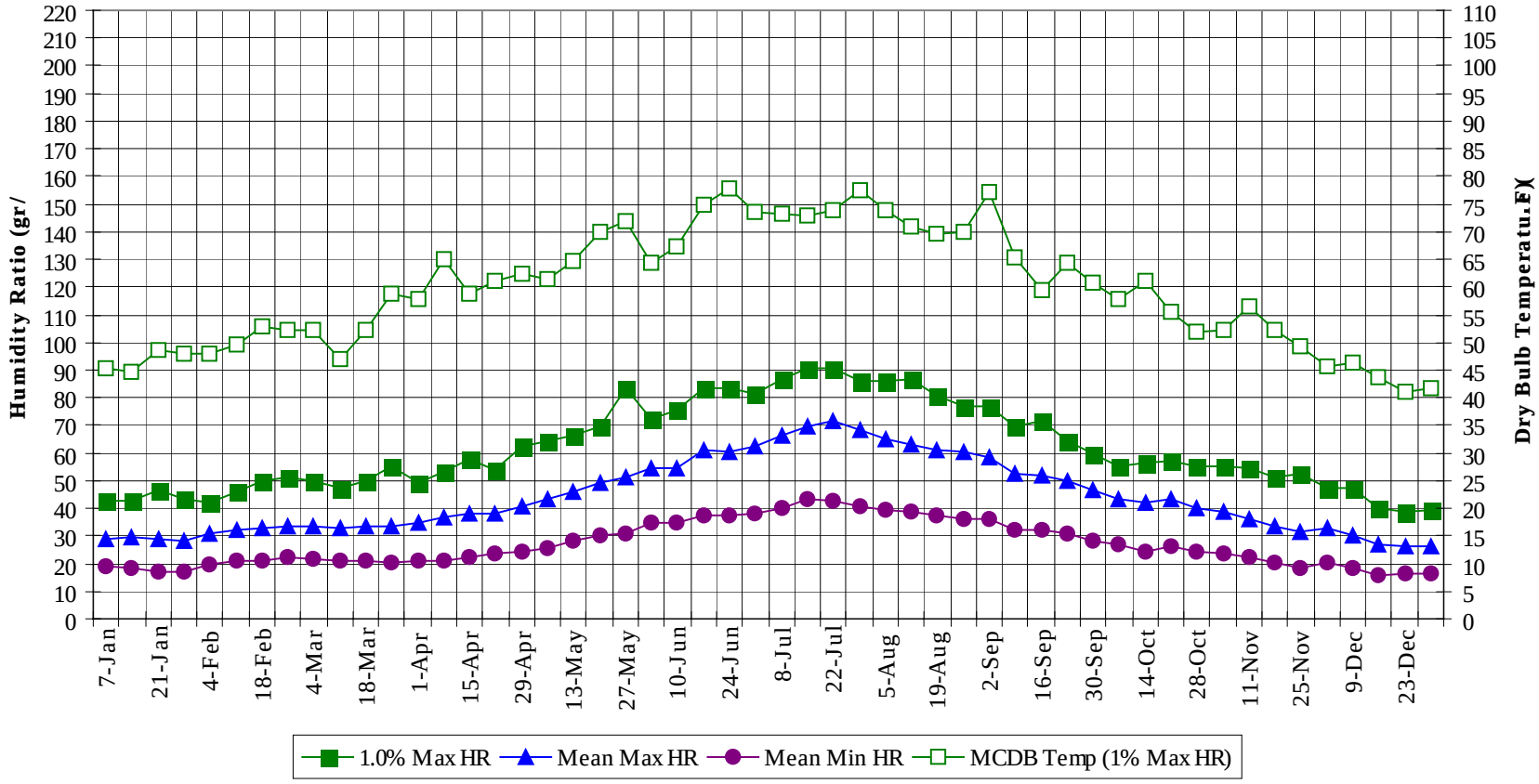
KLAMATH FALLS/KINGS FLD OR WMO No. 725895

Annual Summary of Temperatures



KLAMATH FALLS/KINGS FLD OR WMO No. 725895

Long Term Humidity and Dry Bulb Temperature Summary



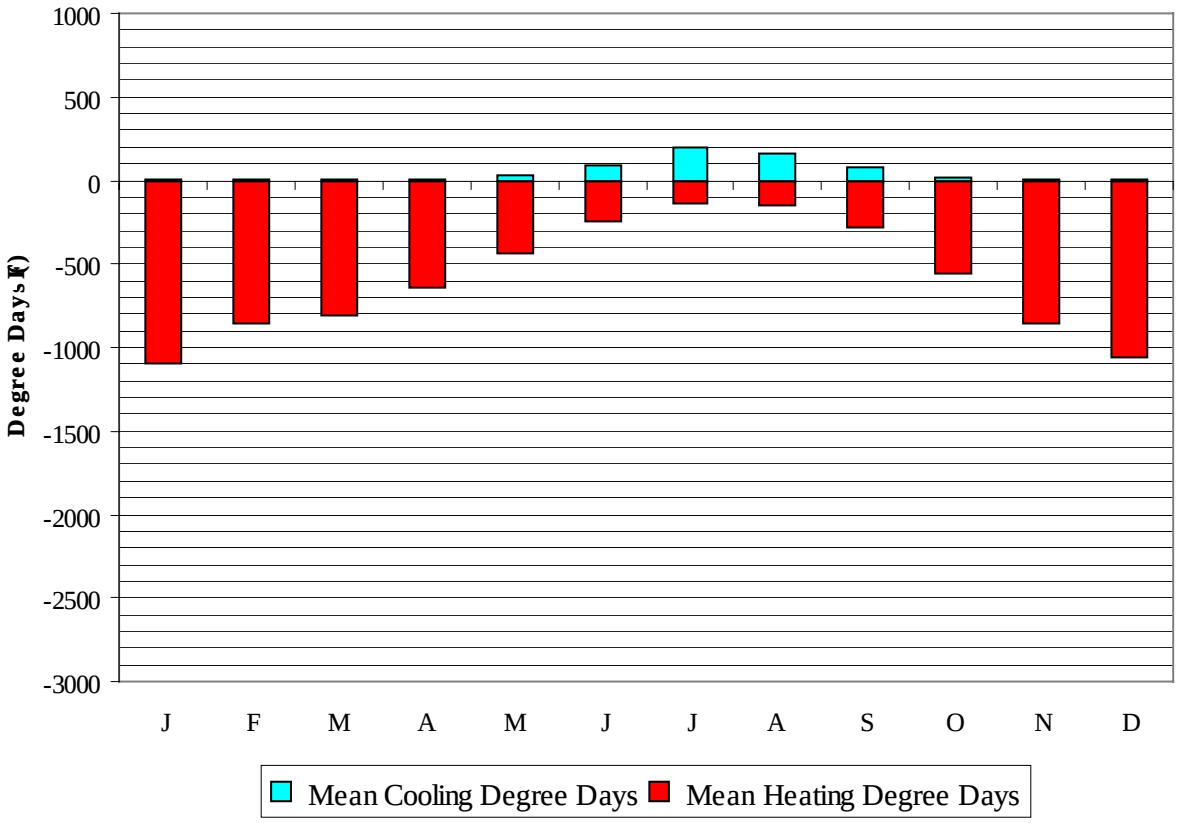
KLAMATH FALLS/KINGS FLD OR WMO No. 725895

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	50.0	43.6	37.8	23.1	1.0	42.7	45.2	29.2	18.9
14-Jan	50.0	42.2	39.2	22.9	7.0	42.7	44.7	29.3	18.6
21-Jan	50.0	42.5	39.1	22.0	4.0	46.9	48.5	28.6	17.3
28-Jan	52.0	43.9	39.6	21.6	4.0	43.4	47.9	27.9	17.0
4-Feb	53.0	43.9	42.3	24.7	-1.0	42.0	48.1	30.9	20.0
11-Feb	56.0	45.8	43.5	27.3	12.0	46.2	49.5	32.5	21.1
18-Feb	60.0	48.2	46.3	27.6	15.0	49.7	52.8	32.6	20.9
25-Feb	62.0	47.6	47.5	28.4	12.0	51.1	52.2	33.7	22.4
4-Mar	60.0	45.8	48.3	28.6	18.0	49.7	52.3	33.8	21.9
11-Mar	62.0	44.8	48.7	28.3	20.0	47.6	47.0	32.8	21.0
18-Mar	63.0	47.5	51.1	28.2	21.0	49.7	52.1	33.5	20.9
25-Mar	67.0	50.2	51.6	28.6	22.0	55.3	58.6	33.6	20.5
1-Apr	72.0	52.8	53.9	29.6	23.0	49.0	57.9	34.6	21.2
8-Apr	73.0	53.6	56.3	30.6	22.0	53.2	64.9	36.5	20.9
15-Apr	73.0	53.4	55.7	31.3	23.0	58.1	58.9	38.1	22.6
22-Apr	74.0	53.3	57.0	32.7	24.0	53.9	61.1	38.3	23.4
29-Apr	79.0	56.1	61.3	34.8	27.0	62.3	62.4	40.8	24.1
6-May	80.0	56.4	63.0	35.8	27.0	64.4	61.3	43.2	25.8
13-May	80.0	56.5	65.8	38.0	30.0	66.5	64.7	46.0	28.3
20-May	83.0	58.5	68.2	40.3	32.0	69.3	69.8	49.3	30.1
27-May	87.0	62.9	69.9	41.9	31.0	83.3	72.1	51.3	30.9
3-Jun	86.0	60.1	71.2	43.6	34.0	72.1	64.3	54.2	34.5
10-Jun	85.0	62.1	72.6	43.4	36.0	75.6	67.4	54.5	34.6
17-Jun	89.0	63.6	76.5	46.1	36.0	83.3	74.9	61.2	37.8
24-Jun	89.0	62.2	77.1	47.3	38.0	83.3	77.9	60.3	37.4
1-Jul	92.0	63.1	79.6	47.7	39.0	81.2	73.4	62.6	38.0
8-Jul	93.0	64.7	82.5	49.5	42.0	86.8	73.2	66.4	40.3
15-Jul	94.0	63.6	83.3	51.2	41.0	90.3	73.0	69.8	43.3
22-Jul	95.0	67.0	86.4	52.0	44.0	90.3	73.9	71.4	42.8
29-Jul	93.0	63.3	85.4	51.4	43.0	86.1	77.6	68.2	40.9
5-Aug	95.0	64.1	84.6	50.5	43.0	86.1	73.8	65.1	39.4
12-Aug	92.0	63.5	81.5	48.9	42.0	86.8	70.9	63.2	38.7
19-Aug	90.0	61.8	80.2	47.3	41.0	80.5	69.7	61.0	37.3
26-Aug	89.0	62.3	80.0	46.0	40.0	77.0	70.0	60.3	36.3
2-Sep	88.0	59.4	79.2	45.6	39.0	77.0	77.3	58.4	36.2
9-Sep	88.0	60.2	75.1	42.8	35.0	69.3	65.3	52.5	32.3
16-Sep	86.0	57.4	71.9	41.0	32.0	71.4	59.5	52.1	32.0
23-Sep	84.0	57.1	73.4	40.7	32.0	64.4	64.3	49.9	31.0
30-Sep	84.0	56.6	69.8	37.8	29.0	59.5	60.6	46.6	28.0
7-Oct	79.0	54.6	65.5	35.4	26.0	55.3	57.8	43.2	26.7
14-Oct	74.0	52.5	63.2	32.2	25.0	56.7	61.1	42.1	24.5
21-Oct	70.0	50.8	58.7	32.7	26.0	57.4	55.5	43.1	26.1
28-Oct	65.0	49.9	54.7	30.6	21.0	55.3	51.9	40.3	24.2
4-Nov	63.0	50.7	50.9	29.3	20.0	55.3	52.1	38.9	23.5
11-Nov	59.0	47.9	47.8	27.3	12.0	54.6	56.4	36.3	22.2
18-Nov	56.0	45.1	43.4	25.4	9.0	51.1	52.2	33.5	20.4
25-Nov	52.0	45.2	40.8	23.4	8.0	52.5	49.1	31.3	18.7
2-Dec	50.0	42.9	41.1	25.8	12.0	47.6	45.7	32.5	20.6
9-Dec	50.0	43.7	39.7	23.1	8.0	47.6	46.3	30.3	18.3
16-Dec	49.0	40.7	37.1	19.4	-3.0	39.9	43.5	27.1	15.7
23-Dec	46.0	39.1	35.7	19.2	1.0	38.5	40.9	26.5	16.1
31-Dec	46.0	41.1	34.7	19.3	1.0	39.2	41.8	26.2	16.1

KLAMATH FALLS/KINGS FLD OR WMO No. 725895

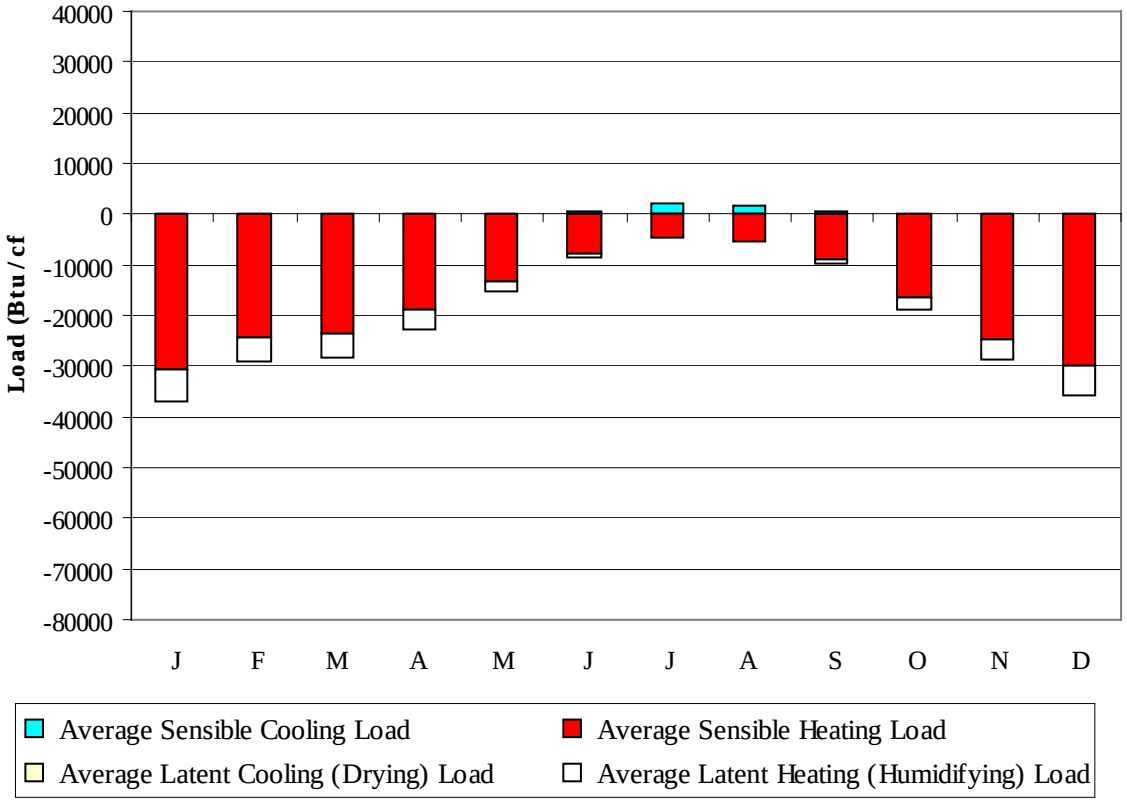
Degree Days, Heating and Cooling
(Base 65°F)



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	0	1093
FEB	0	858
MAR	0	809
APR	7	641
MAY	35	432
JUN	92	240
JUL	195	132
AUG	166	153
SEP	82	279
OCT	19	556
NOV	0	862
DEC	0	1055
ANN	597	7110

KLAMATH FALLS/KINGS FLD OR WMO No. 725895

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



	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	0	-30722	0	-6398
FEB	0	-24424	0	-4698
MAR	0	-23356	0	-4740
APR	11	-18861	0	-3956
MAY	165	-13251	0	-2006
JUN	672	-7824	2	-621
JUL	1927	-4558	14	-163
AUG	1592	-5200	6	-261
SEP	585	-8879	1	-772
OCT	75	-16625	0	-2291
NOV	0	-24673	0	-4172
DEC	0	-29678	0	-6097
ANN	5027	-208051	23	-36175

Average Annual Solar Radiation – Nearest Available Site

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

City: MEDFORD
State: OR
WBAN No: 24225
Lat(N): 42.37
Long(W): 122.87
Elev(ft): 1299

Stn Type: Primary
SHADING GEOMETRY IN DIMENSIONLESS UNITS
Window: 1
Overhang: 0.602
Vert Gap: 0.329

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	470	750	1160	1640	2060	2310	2450	2110	1640	1050	530	390	1380
	Std Dev	64	97	123	148	147	138	115	150	115	112	67	43	41
	Minimum	360	560	910	1360	1740	2040	2250	1720	1420	810	370	290	1260
	Maximum	590	950	1400	1930	2360	2600	2600	2360	1860	1280	670	460	1440
	Diffuse	300	410	560	690	730	710	540	530	450	400	340	270	490
Clear Day	Global	780	1130	1660	2200	2580	2720	2640	2320	1830	1280	850	680	1730
NORTH	Global	170	240	340	450	570	670	640	490	360	270	190	150	380
	Diffuse	170	240	340	430	500	530	490	440	360	270	190	150	340
Clear Day	Global	160	220	300	410	590	710	660	470	330	240	170	150	370
EAST	Global	280	450	690	960	1170	1290	1410	1250	1020	650	300	230	810
	Diffuse	200	290	410	540	600	620	580	540	450	340	220	170	410
Clear Day	Global	610	830	1120	1390	1540	1580	1550	1430	1210	920	670	550	1120
SOUTH	Global	680	940	1080	1100	990	930	1020	1200	1410	1260	690	550	990
	Diffuse	290	390	490	560	570	560	530	520	490	430	310	260	450
Clear Day	Global	1790	1930	1850	1500	1170	1010	1070	1340	1700	1900	1830	1720	1560
WEST	Global	330	500	720	980	1180	1300	1430	1270	1050	710	370	270	840
	Diffuse	210	300	420	540	600	630	580	550	450	340	230	180	420
Clear Day	Global	610	830	1120	1390	1540	1580	1550	1430	1210	920	670	550	1120

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

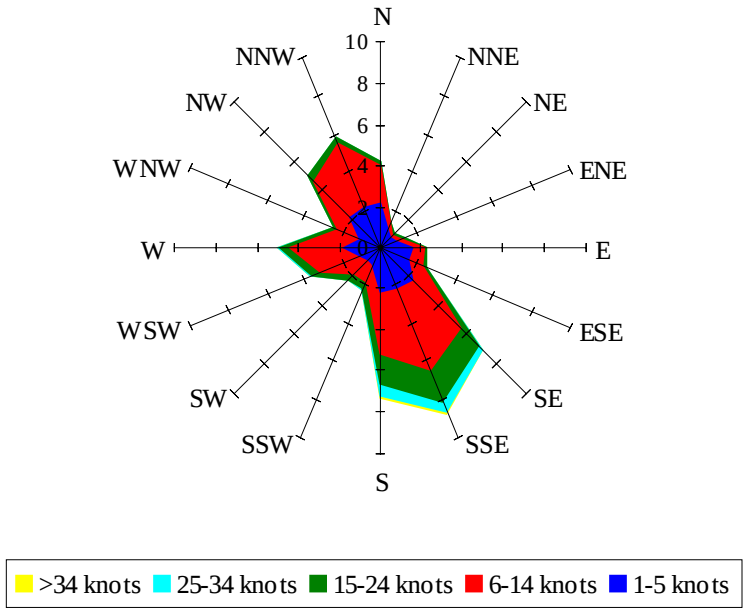
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ	Unshaded	310	510	820	1180	1500	1690	1800	1540	1170	720	350	250	990
NORTH	Unshaded	120	170	230	300	370	430	400	320	250	190	130	100	250
	Shaded	99	140	200	270	330	380	360	290	230	170	110	86	220
EAST	Unshaded	190	310	490	680	830	920	1010	900	730	450	200	150	570
	Shaded	160	270	410	570	690	750	840	750	620	390	170	130	480
SOUTH	Unshaded	510	690	760	730	610	550	600	760	960	920	510	420	670
	Shaded	480	630	580	440	350	350	330	390	650	790	480	390	490
WEST	Unshaded	230	350	510	690	840	930	1020	910	740	500	250	190	600
	Shaded	200	300	430	580	700	770	860	770	640	440	220	160	510

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	36	69	81	65	29	48	84	103	99	75
	M.Cloudy	20	42	51	41	17	31	59	77	73	52
NORTH	M.Clear	9	14	15	13	8	18	15	16	16	14
	M.Cloudy	8	14	16	14	7	14	17	19	19	16
EAST	M.Clear	72	59	15	13	8	84	76	34	16	14
	M.Cloudy	25	32	16	14	7	39	49	30	19	16
SOUTH	M.Clear	37	74	86	70	31	11	34	51	48	25
	M.Cloudy	16	37	47	36	14	11	27	41	38	21
WEST	M.Clear	9	14	19	65	70	11	15	16	49	83
	M.Cloudy	8	14	18	34	25	11	17	19	39	50
M.Clear	(% hrs)	23	25	24	23	23	52	54	55	54	52
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	26	64	84	79	51	9	34	41	26	2
	M.Cloudy	15	41	60	55	33	5	17	22	14	2
NORTH	M.Clear	8	13	15	14	11	4	9	10	8	1
	M.Cloudy	6	14	17	16	11	2	8	9	6	1
EAST	M.Clear	67	73	31	14	11	27	37	10	8	1
	M.Cloudy	24	38	26	16	11	5	12	9	6	1
SOUTH	M.Clear	20	58	80	74	45	24	73	85	61	5
	M.Cloudy	10	33	52	48	25	5	17	24	17	1
WEST	M.Clear	8	13	15	51	79	4	9	18	44	7
	M.Cloudy	6	14	17	35	40	2	8	11	14	2
M.Clear	(% hrs)	62	66	67	66	64	8	10	13	17	17

Wind Summary - December, January, and February

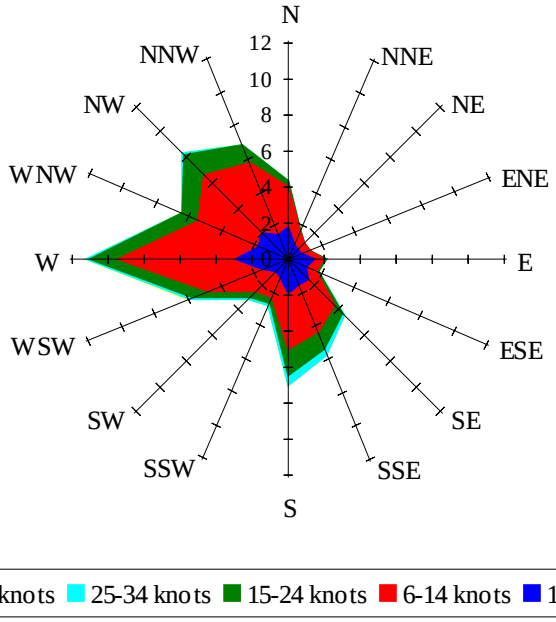
Labels of Percent Frequency on North Axis



Percent Calm = 38.50

Wind Summary - March, April, and May

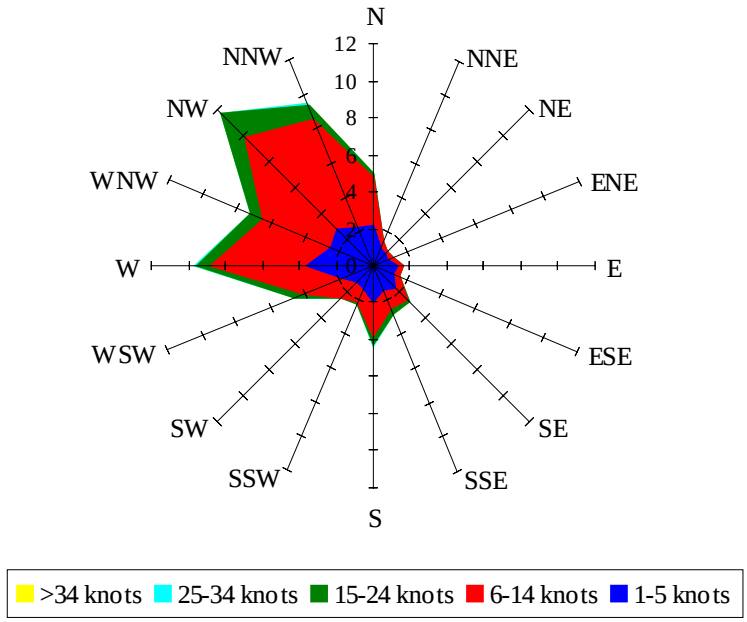
Labels of Percent Frequency on North Axis



Percent Calm = 26.05

Wind Summary - June, July, and August

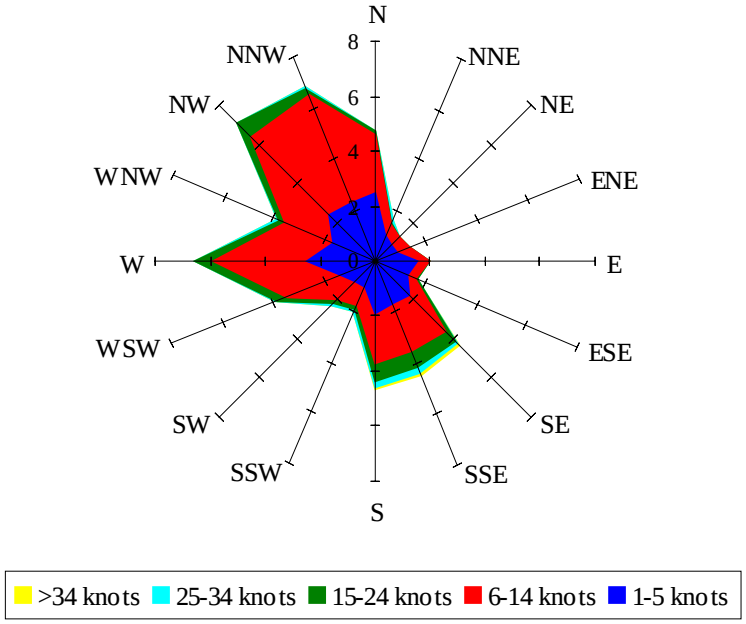
Labels of Percent Frequency on North Axis



Percent Calm = 31.24

Wind Summary - September, October, and November

Labels of Percent Frequency on North Axis



Percent Calm = 41.74