

### 1999 WEATHER STATS - # 1

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	Max
Mean Temp	30.48	34.11	38.97	48.53	57.74	67.97	74.16	70.97	66.83	54.03	48.30	38.29	52.53	74.16
Normal	30.3	31.3	38.1	46.6	55.7	64.7	70.8	70.6	64.3	55.0	45.6	35.0	50.7	
DFN	+0.18	+2.81	+0.87	+1.93	+2.04	+3.27	+3.36	+0.37	+2.53	-0.97	+2.70	+3.29	+1.87	+3.36
Avg High	38.81	40.89	46.61	56.73	65.84	75.97	81.90	77.94	73.60	61.58	54.97	44.81	59.97	
Normal	37.9	39.1	46.2	55.1	64.2	72.7	78.3	78.0	72.1	62.9	52.9	42.5	58.5	78.3
DFN	+0.91	+1.79	+0.41	+1.63	+1.64	+3.27	+3.60	-0.06	+1.50	-1.32	+2.07	+2.31	+1.48	+3.60
Avg Low	21.71	26.71	30.94	39.77	49.23	59.53	65.97	63.55	59.57	46.00	41.07	31.23	44.61	
Normal	22.6	23.1	29.9	38.4	47.3	56.7	63.0	63.1	56.5	47.1	38.2	27.5	42.8	63.1
DFN	-0.89	+3.61	+1.04	+1.37	+1.93	+2.83	+2.97	+0.45	+3.07	-1.10	+2.87	+3.73	+1.82	+3.73
High Dep	+17	+17	+14	+14	+9	+18	+18	+9	+9	+10	+17	+18	+14	+18
Low Dep	-20	-16	-14	-6	-5	-6	-9	-8	-3	-12	-11	-12	-10	-3
Total Dep	+5	+78	+26	+57	+62	+97	+106	+10	+75	-31	+80	+101	+56	+106
T Dep Avg	-28	+71	-1	+50	+24	+61	+61	+6	+46	-25	+24	+67	+30	+71
T Dep High	+30	+113	+26	+63	+62	+97	+106	+18	+75	+6	+87	+117	+67	+117
T Dep Low	-76	+3	-27	+11	-6	+5	+3	-8	-3	-48	-15	-15	-15	+11
Avg Dif	17.1	14.2	15.7	17.0	16.6	16.4	15.9	14.4	14.0	15.6	13.9	13.5	15.4	17.1
High Dif	33	23	27	26	27	26	25	24	27	25	28	26	26	33
Low Dif	9	3	4	7	4	5	6	6	4	6	7	3	5	9
High Max	54	54	68	69	81	88	95	87	81	73	71	58	73	95
Low Max	20	25	30	45	52	61	67	66	65	49	39	25	45	67
High Min	37	41	45	46	58	72	78	74	71	60	58	54	58	78
Low Min	4	8	14	32	35	50	51	55	48	35	28	14	31	55
Heating DD	1070	865	807	494	234	28	6	8	37	342	501	828	435	1070
Normal	1075	943	833	531	257	42		7	87	339	622	940	473	
DFN	-5	-78	-26	-37	-23	-14	+6	+1	-50	+3	-121	-112	-38	+6
% Of Norm	100%	92%	97%	93%	91%	67%		114%	43%	101%	81%	88%	80%	114%
Seas HDD	2901	3766	4573	5067	5301	5329	6	14	51	393	894	1722		
Seas Norm	3070	4013	4846	5377	5634	5676		7	94	433	1055	1995		
Seas Dep	-169	-247	-273	-310	-333	-347	+6	+7	-43	-40	-161	-273		
% Of Norm	94%	94%	94%	94%	94%	94%		200%	54%	91%	85%	86%		
Cooling DD					9	117	290	193	92	2			59	290
Normal					6	84	229	199	55	6			48	
DFN					+3	+33	+61	-6	+37	-4			+10	+61
% Of Norm					150%	139%	127%	97%	167%	33%			59%	167%
Year CDD					9	126	416	609	701	703	703	703		
Year Norm					6	90	319	518	573	579	579	579		
Year Dep					+3	+36	+97	+91	+128	+124	+124	+124		
% Of Norm					150%	140%	130%	118%	122%	121%	121%	121%		
% Sunshine	45%	39%	58%	63%	65%	57%	61%	55%	50%	61%	50%	45%	54.1%	65%
Avg THI						76.2	84.6	79.2	74.0				78.51	84.6
High THI						94	107	94	86				95	107
Avg WC	8.5	15.8	19.6	32.7							34.9	21.8	22.21	34.9
Low WC	-16	-8	-6	23							15	-1	1	23
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	Max

### 1999 WEATHER STATS - # 2

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	Max
Tot Liquid	5.30	6.19	4.06	1.73	3.30	.14	1.53	3.49	5.14	7.31	2.96	2.94	3.67	7.31
Normal	3.83	3.63	4.14	4.15	3.68	3.14	2.85	3.31	3.47	3.52	4.71	4.38	3.73	
DFN	+1.47	+2.56	-.08	-2.42	-.38	-3.00	-1.32	+1.18	+1.67	+3.79	-1.75	-1.44	-.06	3.79
% Of Norm	138%	171%	98%	42%	90%	4%	54%	105%	148%	208%	63%	67%	99%	208%
Avg Day	.17	.22	.13	.06	.11	.00	.05	.11	.17	.24	.10	.09	.12	.24
% Of Precip	48%	43%	45%	33%	29%	10%	16%	29%	30%	29%	50%	29%	32.7%	50%
Year Liq	5.30	11.49	15.55	17.28	20.58	20.72	22.25	25.74	30.88	38.19	41.15	44.09		
Year Norm	3.83	7.46	11.60	15.75	19.43	22.57	25.42	28.73	32.20	35.72	40.43	44.81		
Year DFN	+1.47	+4.03	+3.95	+1.53	+1.15	-1.85	-3.17	-2.99	-1.32	+2.47	+72	-72		
% Of Norm	138%	154%	134%	110%	106%	92%	88%	90%	96%	107%	102%	98%		
High 1 Day	1.12	1.68	.93	.65	.87	.05	.83	2.04	1.63	1.66	1.10	1.32		2.04
High 1 Hour	.33	.56	.24	.25	.53	.05	.55	1.54	.49	.69	.34	.33		1.54
Tot Snow	6.5	11.9	12.0									T	2.76	12.00
Normal	9.4	9.6	7.6	0.7	0.1					0.1	1.0	7.0	3.0	9.6
DFN	-2.9	-9.6	+4.4	-0.7	-0.1					-0.1	-1.0	-7.0	-1.4	+4.4
% Of Norm	69%		158%										19%	158%
Avg Day	0.2	0.4	0.4									T	.09	.43
% Of Snow	19%	18%	16%										4.4%	19%
High 1 Day	2.3	9.2	8.1									T		9.20
Avg Depth														
High Depth														
Seas Snow	11.1	23.0	35.0	35.0	35.0	35.0						T		
Seas Norm	17.5	27.1	34.7	35.4	35.5	35.5				0.1	1.1	8.1		
Seas DFN	-6.4	-4.1	+0.3	-0.4	-0.5	-0.5				-0.1	-1.1	-8.1		
% Of Norm	63%	85%	101%	99%	99%	99%								
Avg Barom	30.17	30.03	29.93	29.95	30.06	30.05	29.96	29.96	29.99	30.07	30.05	30.04	30.022	30.17
High Barom	30.86	30.64	30.43	30.37	30.43	30.46	30.32	30.25	30.38	30.50	30.46	30.52	30.47	30.86
Low Barom	29.45	29.26	29.12	29.58	29.57	29.56	29.68	29.60	29.18	29.30	29.33	29.51	29.43	29.68
Avg RH%	76.4	69.0	66.5	62.4	75.2	76.5	75.6	76.8	80.4	75.1	70.6	65.0	72.5	80.4
High RH%	96	93	93	87	97	96	94	94	97	96	98	93	94	98
Low RH%	46	41	42	38	58	65	56	58	62	55	42	41	50	65
Avg Dew	23.61	23.32	26.18	33.45	48.13	59.02	65.10	62.40	60.30	46.52	38.38	26.52	42.74	65.10
High Dew	54	52	48	51	64	73	77	76	75	66	63	57	63	77
Low Dew	-13	-14	-2	9	25	44	48	40	41	25	11	-4	18	48
Avg Winds	8.13	8.04	10.53	8.80	7.30	6.78	6.48	7.16	7.17	7.65	9.11	9.02	8.01	10.53
Direction	SSW	NW	SSW	SSW	SE	SSW	SSW	N	ESE	N	N	NW	SSW	SSW
High Wind	13.7	14.4	20.6	14.2	14.4	10.6	14.1	11.2	18.9	15.2	15.9	21.2	15.4	21.2
Low Wind	2.2	2	6.2	3.6	4	1.8	2.4	3.5	1.8	4.2	2.2	2.8	3.1	6.2
Avg Gust	28.7	26.1	31.9	26.0	21.9	19.5	20.2	21.5	20.8	24.9	25.9	26.5	24.5	31.9
Direction	SSW	NNW	NW	SSW	SSW	SSW	SSW	SSW	SE	NNW	SSW	NW	SSW	NW
High Gust	55	43	49	36	38	29	35	31	50	45	48	45	42	55
Low Gust	13	11	18	17	11	10	13	14	10	14	7	8	12	18

<b>Low</b>
<b>30.48</b>
-0.97
37.9
-1.32
22.6
-1.10
+9
-20
-31
-28
+6
-76
13.5
23
3
54
20
37
4
<u>6</u>
<u>-121</u>
<u>-6</u>
39%
74.0
86
8.5
-16
<b>Low</b>

<b>Low</b>
.14
-3.00
4%
.00
10%
.00
0.0
-9.6
0%
.00
0%
29.93
30.25
29.12
62.4
87
38
23.32
48
-14
6.48
SSW
10.6
1.8
19.5
SSW
29
7