

### 1977 WEATHER STATS - # 1

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	Max	Low
Mean Temp	23.00	30.86	42.00	48.30	57.81	64.83	72.42	71.35	64.67	54.13	46.70	32.97	50.75	72.42	23.00
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	-7.30	-0.44	+3.90	+1.70	+2.11	+0.13	+1.62	+0.75	+0.37	-0.87	+1.10	-2.03	+0.09	+3.90	-7.30
Avg High	30.10	37.96	49.65	58.00	66.90	72.30	80.58	78.48	71.43	61.77	53.17	39.97	58.36		
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	37.9
DFN	-7.80	-1.14	+3.45	+2.90	+2.70	-0.40	+2.28	+0.48	-0.67	-1.13	+0.27	-2.53	-0.13	+3.45	-7.80
Avg Low	15.42	23.18	33.94	38.10	48.32	56.83	63.77	63.68	57.37	46.00	39.83	25.61	42.67		
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	22.6
DFN	-7.18	+0.08	+4.04	-0.30	+1.02	+0.13	+0.77	+0.58	+0.87	-1.10	+1.63	-1.89	-0.11	+4.04	-7.18
High Dep	+3	+9	+15	+14	+13	+7	+10	+8	+9	+14	+10	+11	+10	+15	+3
Low Dep	-23	-14	-6	-11	-12	-8	-7	-7	-9	-10	-10	-24	-12	-6	-24
Total Dep	-227	-13	+120	+50	+64	+4	+51	+22	+10	-28	+32	-64	+2	+120	-227
T Dep Avg	-113	-29	+70	+26	+14	-2	+44	+24	+18	-28	+38	-43	+2	+70	-113
T Dep High	-12	-5	+120	+70	+68	+15	+86	+50	+35	+8	+58	+13	+42	+120	-12
T Dep Low	-227	-52	+1	-21	-25	-16	+4	+1		-55	-4	-92	-41	+4	-227
Avg Dif	14.7	14.8	15.7	19.9	18.6	15.5	16.8	14.8	14.1	15.8	13.3	14.4	15.7	19.9	13.3
High Dif	29	22	29	37	27	27	23	22	20	26	24	29	26	37	20
Low Dif	6	7	6	5	8	6	7	8	5	4	4	6	6	8	4
High Max	48	51	72	78	81	82	92	89	84	74	67	54	73	92	48
Low Max	13	26	39	44	49	59	73	72	57	53	37	18	45	73	13
High Min	30	35	43	48	61	66	71	73	69	59	55	42	54	73	30
Low Min		9	24	22	33	48	55	51	47	32	26	6	29	55	
Heating DD	1302	956	713	501	236	59		8	86	338	549	993	478	1302	
Normal	1075	943	833	531	257	42		7	87	339	622	940	473		
DFN	+227	+13	-120	-30	-21	+17		+1	-1	-1	-73	+53	+5	+227	-120
% Of Norm	121%	101%	86%	94%	92%	140%		114%	99%	100%	88%	106%	95%	140%	
Seas HDD	3700	4656	5369	5870	6106	6165		8	94	432	981	1974			
Seas Norm	3070	4013	4846	5377	5634	5676		7	94	433	1055	1995			
Seas Dep	+630	+643	+523	+493	+472	+489		+1	-1	-1	-74	-21			
% Of Norm	121%	116%	111%	109%	108%	109%		114%	100%	100%	93%	99%			
Cooling DD					13	54	230	205	76	1			48	230	
Normal					6	84	229	199	55	6			48		
DFN					+7	-30	+1	+6	+21	-5				+21	-30
% Of Norm					217%	64%	100%	103%	138%	17%			53%	217%	
Year CDD					13	67	297	502	578	579	579	579			
Year Norm					6	90	319	518	573	579	579	579			
Year Dep					+7	-23	-22	-16	+5						
% Of Norm					217%	74%	93%	97%	101%	100%	100%	100%			
% Sunshine	58%	54%	48%	67%	39%	30%	48%	32%	30%	45%	30%	39%	43.3%	67%	30%
Avg THI						72.4	82.2	80.2	71.9				76.66	82.2	71.9
High THI						84	97	96	87				91	97	84
Avg WC	0.7	11.8	24.7	30.7							36.2	14.2	19.73	36.2	0.7
Low WC	-23	-8	11	7							14	-13	-2	14	-23
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	Max	Low

### 1977 WEATHER STATS - # 2

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	Max	Low
Tot Liquid	3.59	2.65	5.06	3.82	2.66	5.76	1.86	5.37	4.10	6.46	2.49	7.48	4.28	7.48	1.86
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	-.24	-.98	+.92	-.33	-1.02	+2.62	-.99	+2.06	+.63	+2.94	-2.22	+3.10	.54	3.10	-2.22
% Of Norm	94%	73%	122%	92%	72%	183%	65%	162%	118%	184%	53%	171%	116%	184%	53%
Avg Day	.12	.09	.16	.13	.09	.19	.06	.17	.14	.21	.08	.24	.14	.24	.06
% Of Precip	26%	36%	45%	23%	19%	47%	26%	42%	37%	39%	37%	39%	35%	47%	19%
Year Liq	3.59	6.24	11.30	15.12	17.78	23.54	25.40	30.77	34.87	41.33	43.82	51.30			
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	-.24	-1.22	-.30	-.63	-1.65	+.97	-.02	+2.04	+2.67	+5.61	+3.39	+6.49			
% Of Norm	94%	84%	97%	96%	92%	104%	100%	107%	108%	116%	108%	114%			
High 1 Day	1.78	.70	.95	2.21	1.35	3.05	.94	2.15	1.04	1.62	1.08	1.57		3.05	
High 1 Hour	.42	.36	.27	.55	.15	.47	.42	.87	.47	.43	.28	.38		.87	
Tot Snow	11.9	10.6	4.4		1.7						T	1.6	2.75	11.90	.00
Normal	9.4	9.6	7.6	0.7	0.1					0.1	1.0	7.0	3.0	9.6	0.0
DFN	+2.5	+1.0	-3.2	-0.7	-0.0					-0.1	-1.0	-5.4	-0.6	+2.5	-5.4
% Of Norm	127%	110%	58%									23%	26%	127%	0%
Avg Day	0.4	0.4	0.1									0.1	.08	.38	.00
% Of Snow	26%	21%	6%		3%							3%	5%	26%	0%
High 1 Day	3.5	6.2	4.2		1.7						T	1.6		6.20	
Avg Depth	2	2	0									0		2	
High Depth	7	7	4		2							2	2	7	
Seas Snow	21.4	32.0	36.4	36.4	38.1	38.1					T	1.6			
Seas Norm	17.5	27.1	34.7	35.4	35.5	35.5				0.1	1.1	8.1			
Seas DFN	+3.9	+4.9	+1.7	+1.0	+2.6	+2.6				-0.1	-1.1	-6.5			
% Of Norm	122%	118%	105%	103%	107%	107%						20%			
Avg Barom	29.74	29.83	29.86	29.97	29.89	29.80	29.94	29.97	29.96	29.94	30.07	29.93	29.908	30.07	29.74
High Barom	30.42	30.37	30.44	30.52	30.36	30.20	30.32	30.34	30.49	30.56	30.60	30.51	30.43	30.60	30.20
Low Barom	28.98	28.93	29.06	28.98	29.22	29.25	29.57	29.44	29.36	28.99	28.98	28.85	29.13	29.57	28.85
Avg RH%	65.4	66.8	64.6	60.0	60.9	73.4	69.5	76.3	77.8	74.5	74.8	71.1	69.6	77.8	60.0
High RH%	89	89	95	90	84	92	86	94	95	93	94	95	91	95	84
Low RH%	43	44	44	36	41	48	46	58	62	58	50	37	47	62	36
Avg Dew	10.94	19.45	29.53	32.55	43.87	55.53	61.45	63.56	56.35	44.18	37.60	23.08	39.84	63.56	10.94
High Dew	46	49	58	56	64	70	77	76	71	66	60	53	62	77	46
Low Dew	-18	-3	8	5	23	37	42	47	41	25	7	-14	17	47	-18
Avg Winds	8.83	7.96	9.09	7.71	7.75	7.16	6.69	5.51	6.63	7.48	8.11	9.02	7.66	9.09	5.51
Direction	WNW	WNW	W	WNW	NNW	S	SSW	SSW	S	WSW	NE	WNW	WNW	W	SSW
High Wind	15.7	16.2	17.4	13.3	13.6	17.8	13.4	8.7	13.8	18.5	16.1	22.9	15.6	22.9	8.7
Low Wind	2.3	2.4	3	4.7	3	3.2	3	2.8	2.2	3	2.8	3.2	3.0	4.7	2.2
Avg Gust	27.6	24.0	28.5	25.8	24.0	22.7	20.9	18.8	20.8	22.8	24.4	27.3	24.0	28.5	18.8
Direction	WNW	WNW	WNW	S	WSW	NW	SSW	SW	SW	W	W	NW	WNW	WNW	SW
High Gust	46	40	47	42	43	45	35	31	42	44	48	48	43	48	31
Low Gust	11	12	13	14	12	13	13	12	12	12	13	11	12	14	11