

### 1981 WEATHER STATS - # 1

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	Max
Mean Temp	22.06	35.46	37.84	49.07	57.29	67.43	73.42	69.84	62.87	50.58	43.77	32.71	50.19	73.42
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	-8.24	+4.16	-0.26	+2.47	+1.59	+2.73	+2.62	-0.76	-1.43	-4.42	-1.83	-2.29	-0.47	+4.16
Avg High	30.29	43.46	46.19	57.93	67.13	76.33	82.74	79.16	71.70	59.65	51.10	38.26	58.66	
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	-7.61	+4.36	-0.01	+2.83	+2.93	+3.63	+4.44	+1.16	-0.40	-3.25	-1.80	-4.24	+0.17	+4.44
Avg Low	13.32	27.18	29.03	39.83	46.94	58.03	63.52	60.06	53.47	41.13	36.10	26.61	41.27	
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	-9.28	+4.08	-0.87	+1.43	-0.36	+1.33	+0.52	-3.04	-3.03	-5.97	-2.10	-0.89	-1.51	+4.08
High Dep	+10	+16	+16	+14	+10	+10	+14	+5	+5	+9	+6	+9	+10	+16
Low Dep	-27	-16	-14	-8	-9	-3	-4	-10	-10	-14	-10	-14	-12	-3
Total Dep	-256	+116	-9	+73	+48	+82	+82	-25	-44	-138	-56	-72	-17	+116
T Dep Avg	-191	+28	-15	+55	+7	+53	+69	+4	-12	-99	-18	-48	-14	+69
T Dep High	-10	+116	+12	+79	+48	+86	+100	+29	+3	-12	+6	+3	+38	+116
T Dep Low	-270	-26	-50	+4	-7	-3	+4	-25	-44	-143	-56	-94	-59	+4
Avg Dif	17.0	16.3	17.2	18.1	20.2	18.3	19.2	19.1	18.2	18.5	15.0	11.6	17.4	20.2
High Dif	29	35	25	30	36	26	26	29	26	31	32	22	29	36
Low Dif	11	6	6	6	8	10	7	11	7	10	5	4	8	11
High Max	45	56	71	76	83	85	96	85	81	71	69	56	73	96
Low Max	13	20	35	48	52	65	75	66	60	52	37	24	46	75
High Min	33	44	46	49	59	65	72	69	63	52	47	42	53	72
Low Min	-5	7	12	28	34	49	57	45	39	31	26	11	28	57
Heating DD	1331	827	842	478	252	16		12	100	447	637	1001	495	1331
Normal	1075	943	833	531	257	42		7	87	339	622	940	473	
DFN	+256	-116	+9	-53	-5	-26		+5	+13	+108	+15	+61	+22	+256
% Of Norm	124%	88%	101%	90%	98%	38%		171%	115%	132%	102%	106%	97%	171%
Seas HDD	3662	4489	5331	5809	6061	6077		12	112	559	1196	2197		
Seas Norm	3070	4013	4846	5377	5634	5676		7	94	433	1055	1995		
Seas Dep	+592	+476	+485	+432	+427	+401		+5	+18	+126	+141	+202		
% Of Norm	119%	112%	110%	108%	108%	107%		171%	119%	129%	113%	110%		
Cooling DD					13	89	261	162	36				47	261
Normal					6	84	229	199	55	6			48	
DFN					+7	+5	+32	-37	-19	-6			-2	+32
% Of Norm					217%	106%	114%	81%	65%				49%	217%
Year CDD					13	102	363	525	561	561	561	561		
Year Norm					6	90	319	518	573	579	579	579		
Year Dep					+7	+12	+44	+7	-12	-18	-18	-18		
% Of Norm					217%	113%	114%	101%	98%	97%	97%	97%		
% Sunshine	48%	39%	45%	43%	39%	50%	45%	48%	43%	39%	40%	26%	42.2%	50%
Avg THI						76.5	83.4	80.2	71.8				77.96	83.4
High THI						87	105	90	82				91	105
Avg WC	-0.4	16.2	19.1	32.5							29.8	16.2	18.90	32.5
Low WC	-28	-10	-6	17							15	-5	-3	17
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	Max

## 1981 WEATHER STATS - # 2

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	Max
Tot Liquid	1.00	4.40	1.05	4.60	1.74	4.35	2.01	1.37	2.43	2.94	3.38	8.02	3.11	8.02
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	-2.83	+77	-3.09	+45	-1.94	+1.21	-.84	-1.94	-1.04	-.58	-1.33	+3.64	-.63	3.64
% Of Norm	26%	121%	25%	111%	47%	139%	71%	41%	70%	84%	72%	183%	82%	183%
Avg Day	.03	.16	.03	.15	.06	.15	.06	.04	.08	.09	.11	.26	.10	.26
% Of Precip	19%	43%	26%	37%	23%	27%	26%	16%	27%	35%	30%	48%	30%	48%
Year Liq	1.00	5.40	6.45	11.05	12.79	17.14	19.15	20.52	22.95	25.89	29.27	37.29		
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	-2.83	-2.06	-5.15	-4.70	-6.64	-5.43	-6.27	-8.21	-9.25	-9.83	-11.16	-7.52		
% Of Norm	26%	72%	56%	70%	66%	76%	75%	71%	71%	72%	72%	83%		
High 1 Day	.30	1.00	.41	.94	.61	1.76	.89	.75	.81	.72	1.37	2.04		2.04
High 1 Hour		.20	.12	.37	.26	.44	.47	.42	.32	.28	.25	.38		.47
Tot Snow	10.7	0.3	1.2									21.7	2.83	21.70
Normal	9.4	9.6	7.6	0.7	0.1					0.1	1.0	7.0	3.0	9.6
DFN	+1.3	-9.3	-6.4	-0.7	-0.1					-0.1	-1.0	+14.7	-0.1	+14.7
% Of Norm	114%	3%	16%									310%	37%	310%
Avg Day	0.3	0.0	0.0									0.7	0.09	.70
% Of Snow	19%	4%	6%									23%	4.3%	23%
High 1 Day	3.2	0.3	0.7									13.9		13.90
Avg Depth	2		0									3		3
High Depth	7	T	1									17	2	17
Seas Snow	17.4	17.7	18.9	18.9	18.9	18.9						21.7		
Seas Norm	17.5	27.1	34.7	35.4	35.5	35.5				0.1	1.1	8.1		
Seas DFN	-0.1	-9.4	-15.8	-16.5	-16.6	-16.6				-0.1	-1.1	+13.6		
% Of Norm	99%	65%	54%	53%	53%	53%						268%		
Avg Barom	29.87	30.06	29.71	29.91	29.88	29.84	29.91	29.96	29.90	30.03	29.85	29.84	29.896	30.06
High Barom	30.31	31.02	30.38	30.59	30.34	30.30	30.44	30.31	30.23	30.64	30.48	30.69	30.48	31.02
Low Barom	29.13	29.08	29.02	29.03	29.52	29.15	29.38	29.38	29.30	29.18	29.11	28.99	29.19	29.52
Avg RH%	56.1	67.9	61.0	60.8	68.9	69.1	71.6	71.9	71.9	70.7	66.9	70.5	67.3	71.9
High RH%	82	93	86	90	95	94	95	87	93	98	95	94	92	98
Low RH%	32	40	41	37	41	53	53	60	46	54	42	48	45	60
Avg Dew	6.71	25.05	24.18	35.00	44.90	55.80	62.81	58.69	52.03	39.53	31.38	22.65	38.23	62.81
High Dew	32	51	53	58	65	71	75	74	70	61	57	56	60	75
Low Dew	-24	-11	-3	5	22	41	47	41	20	21	10	1	14	47
Avg Winds	6.67	8.41	7.75	8.48	7.42	6.37	6.21	5.60	7.08	6.81	8.23	7.67	7.23	8.48
Direction	WNW	S	WNW	W	S	SSW	S	S	NE	W	WNW	WNW	WNW	W
High Wind	12.9	18.7	18.5	15.3	15.2	11.3	10.6	11.3	12.8	11.5	17.6	19.6	14.6	19.6
Low Wind	1.3	3.9	2.1	2.6	3.3	2.8	2.9	2.9	2.6	1.6	2.8	2.3	2.6	3.9
Avg Gust	22.55	27.36	25.94	27.67	25.32	23.00	22.94	21.29	23.37	23.23	26.23	24.84	24.48	27.7
Direction	NW	SSW	WNW	NW	S	S	SSE	S	W	NW	N	WNW	NW	NW
High Gust	36	47	44	42	48	35	32	38	35	37	42	46	40	48
Low Gust	10	15	11	12	14	13	14	14	13	10	14	12	13	15

<b>Low</b>
<b>22.06</b>
-8.24
37.9 -7.61
22.6 -9.28
+5 -27
-256 -191 -12 -270
11.6 22 4
45 13 33 -5
<u>-116</u>
<u>-37</u>
<u>26%</u>
71.8 82
-0.4 -28
<b>Low</b>

<b>Low</b>
1.00
-3.09
25%
.03
16%
.00
0.0
-9.3
0%
.00
0%
29.71
30.23
28.99
56.1
82
32
6.71
32
-24
5.60
S
10.6
1.3
21.3
S
32
10