U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of
Monthly Normals
1981-2010

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: **DANBURY, CT US**

GHCND:USC00061762
Elev: 404 ft.   Lat: 41.400° N   Lon: 73.417° W

	Temperature (°F)																					
	Mean						Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	35.6	19.2	27.4	4.5	5.6	5.0	-7777	-7777	0	0	0	0	856	917	1010	1165	0.0	0.0	2.8	11.2	27.0	1.3
2	39.6	21.8	30.7	3.9	3.5	3.6	-7777	-7777	-7777	0	0	0	681	736	820	960	0.0	0.0	4.0	5.7	24.1	0.4
3	48.7	28.6	38.7	3.4	2.9	2.9	3	2	1	-7777	-7777	-7777	510	571	662	817	0.0	0.0	13.1	1.1	20.3	-7777
4	61.0	38.9	49.9	2.8	1.8	2.2	46	33	19	7	2	1	198	244	320	458	0.0	0.3	25.4	-7777	6.2	0.0
5	71.9	48.4	60.2	3.4	2.4	2.8	189	146	96	41	14	8	29	49	91	192	-7777	1.3	30.9	0.0	0.4	0.0
6	80.8	58.5	69.6	3.0	2.0	2.3	440	381	296	170	77	51	1	2	7	31	0.0	3.5	30.0	0.0	0.0	0.0
7	84.9	63.4	74.2	3.2	2.5	2.7	593	531	439	286	150	106	0	-7777	-7777	2	0.5	6.4	31.0	0.0	0.0	0.0
8	82.5	61.8	72.2	2.4	2.2	2.1	532	470	377	228	107	71	-7777	-7777	-7777	7	-7777	3.5	31.0	0.0	0.0	0.0
9	74.5	53.4	63.9	2.7	2.1	2.1	282	231	162	76	24	13	13	22	43	107	0.0	0.5	30.0	0.0	0.0	0.0
10	62.7	41.8	52.3	2.8	2.9	2.7	60	41	21	5	1	1	146	188	261	401	0.0	0.0	29.1	0.0	3.9	0.0
11	51.3	33.6	42.4	3.3	2.8	2.8	9	5	2	-7777	0	0	385	441	528	677	0.0	0.0	16.5	0.4	14.0	0.0
12	39.9	24.6	32.2	4.8	4.2	4.4	1	-7777	-7777	0	0	0	706	767	860	1015	0.0	0.0	4.3	6.5	24.9	0.1
Summary	61.1	41.2	51.1	3.4	2.9	3.0	2155	1840	1413	813	375	251	3525	3937	4602	5832	0.5	15.5	248.1	24.9	120.8	1.8

@ Denotes mean number of days greater than 0 but less than 0.05; or insufficient data for calculation.

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

-7777: a non-zero value that would round to zero

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	Precipitation (in.)							
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	3.76	11.5	6.9	2.4	0.8	2.41	3.45	4.94
2	3.18	10.0	6.3	2.2	0.9	2.28	2.71	3.72
3	4.43	11.8	7.8	2.8	1.2	2.67	4.09	5.69
4	4.36	11.5	7.3	2.9	1.0	2.74	3.45	5.23
5	4.57	12.2	7.9	2.6	1.1	2.57	3.98	4.91
6	4.74	12.0	7.6	2.7	1.4	2.62	4.50	6.30
7	4.99	10.4	6.7	3.2	1.4	2.95	4.78	6.70
8	4.55	9.4	6.9	2.9	1.4	3.29	4.23	6.11
9	4.66	9.3	6.1	3.0	1.4	2.07	4.06	6.88
10	4.89	9.2	6.3	3.0	1.4	2.28	4.16	6.83
11	4.54	10.0	6.7	3.0	1.5	3.46	4.06	5.67
12	4.16	11.6	7.2	3.1	1.3	2.39	4.34	5.37
Summary	52.83	128.9	83.7	33.8	14.8	31.73	47.81	68.35

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		Snow (in.)											
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	14.0	7.6	4.2	1.5	0.4	-7777	16.4	10.8	7.8	2.0	5.9	12.5	20.0
2	11.3	5.0	2.9	1.3	0.8	0.3	13.7	9.1	6.1	1.7	4.0	9.5	15.0
3	8.5	4.1	2.6	1.2	0.5	0.1	6.6	4.4	2.6	0.6	1.0	6.2	14.8
4	2.0	0.9	0.4	0.2	0.1	-7777	0.6	0.2	0.2	0.1	0.0	0.2	2.6
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	-7777	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.2	1.0	0.4	0.1	-7777	0.0	0.8	0.3	0.0	0.0	0.0	0.1	1.2
12	8.3	4.9	2.4	0.9	0.5	0.1	8.7	4.1	2.4	0.7	4.0	7.0	14.1
Summary	45.3	23.7	12.9	5.2	2.3	0.5	46.8	28.9	19.1	5.1	14.9	35.5	67.7

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Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
40	16	18	82	310	625	889	1058	996	718	383	143	30
45	5	6	33	188	470	739	903	841	569	246	71	12
50	1	1	12	99	321	589	748	686	421	134	28	4
55	-7777	-7777	3	46	189	440	593	532	282	60	9	1
60	0	-7777	1	19	96	296	439	377	162	21	2	-7777
Growing Degree Units for Corn (Monthly)												
50/86	8	11	52	180	371	579	718	671	446	213	71	14

Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Accumulated Monthly)												
40	16	34	116	426	1051	1940	2998	3994	4712	5095	5238	5268
45	5	11	44	232	702	1441	2344	3185	3754	4000	4071	4083
50	1	2	14	113	434	1023	1771	2457	2878	3012	3040	3044
55	-7777	-7777	3	49	238	678	1271	1803	2085	2145	2154	2155
60	0	-7777	1	20	116	412	851	1228	1390	1411	1413	-7777
Growing Degree Units for Corn (Monthly)												
50/86	8	19	71	251	622	1201	1919	2590	3036	3249	3320	3334

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86
M indicates the value is missing
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