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: **BURLINGTON, CT US**

GHCND:USC00060973

Elev: 505 ft.   Lat: 41.794° N   Lon: 72.932° 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	35.5	15.3	25.4	4.6	5.7	5.0	-7777	-7777	0	0	0	0	918	980	1072	1227	0.0	0.0	2.7	11.1	29.4	3.1
2	38.7	17.5	28.1	3.3	4.3	3.5	-7777	0	0	0	0	0	753	809	893	1033	0.0	0.0	3.4	6.6	26.3	1.2
3	46.8	25.6	36.2	3.2	2.9	2.9	2	1	1	-7777	-7777	0	585	646	738	893	0.0	0.0	11.0	1.8	23.6	-7777
4	59.2	36.1	47.7	3.2	2.2	2.3	26	18	9	3	-7777	-7777	247	298	380	523	0.0	0.1	24.5	0.1	8.7	0.0
5	69.9	46.0	57.9	3.3	2.0	2.5	145	109	68	25	7	3	53	80	132	244	0.0	0.6	30.8	0.0	0.5	0.0
6	78.3	55.7	67.0	2.7	2.1	2.1	363	306	227	116	43	26	3	7	17	56	0.0	1.9	30.0	0.0	-7777	0.0
7	83.0	60.6	71.8	2.8	2.3	2.4	521	459	367	219	98	64	-7777	-7777	1	9	-7777	4.0	31.0	0.0	0.0	0.0
8	81.2	59.2	70.2	2.2	2.1	2.0	472	410	319	178	71	43	-7777	1	3	16	0.0	2.1	31.0	0.0	0.0	0.0
9	74.1	51.1	62.6	2.5	2.2	2.1	245	197	134	58	18	10	17	29	56	130	0.0	0.5	30.0	0.0	0.3	0.0
10	62.6	39.3	51.0	2.4	2.8	2.4	49	32	16	4	1	1	174	220	297	440	0.0	0.0	28.8	0.0	6.2	0.0
11	52.0	31.3	41.6	3.2	2.5	2.5	6	3	1	-7777	0	0	406	464	552	701	0.0	0.0	16.8	0.3	17.6	0.0
12	40.6	21.9	31.2	4.6	4.2	4.3	1	-7777	-7777	0	0	0	737	798	891	1046	0.0	0.0	5.8	6.0	27.0	0.6
Summary	60.2	38.3	49.2	3.2	2.9	2.8	1830	1535	1142	603	238	147	3893	4332	5032	6318	0.0	9.2	245.8	25.9	139.6	4.9

@ 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	3.64	10.0	6.6	2.8	0.9	1.87	3.32	5.31
2	3.48	8.2	6.0	2.4	0.9	2.20	3.09	4.34
3	4.38	10.3	7.4	3.0	1.3	2.70	3.85	5.60
4	4.52	10.8	7.3	2.7	1.4	2.34	4.08	5.81
5	4.64	12.1	8.2	2.9	1.1	2.94	3.97	5.58
6	4.74	10.9	7.3	3.0	1.6	2.92	4.73	6.52
7	4.59	10.2	7.5	3.5	1.1	2.60	4.57	6.32
8	4.78	9.2	6.8	2.9	1.4	2.25	4.33	6.99
9	4.84	9.0	6.4	2.8	1.5	2.34	3.26	6.84
10	5.18	9.0	6.1	3.2	1.6	1.80	4.08	7.75
11	4.41	9.1	6.3	3.1	1.5	3.11	4.12	5.70
12	4.24	9.6	6.7	3.0	1.4	2.08	4.57	5.63
Summary	53.44	118.4	82.6	35.3	15.7	29.15	47.97	72.39

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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	9.6	2.9	2.0	1.1	0.5	0.1	@	@	@	@	1.9	12.0	17.0
2	9.1	2.0	1.8	0.9	0.3	0.1	@	@	@	@	0.0	6.5	15.0
3	4.4	1.4	1.3	0.6	0.4	-7777	@	@	@	@	0.0	1.1	6.5
4	0.1	0.2	0.1	-7777	-7777	-7777	@	@	@	@	0.0	0.0	0.0
5	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
7	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
9	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
11	0.4	0.2	0.1	-7777	-7777	0.0	@	@	@	@	0.0	0.0	0.0
12	7.7	1.8	1.6	0.7	0.3	0.1	@	@	@	@	0.0	5.5	13.9
Summary	31.3	8.5	6.9	3.3	1.5	0.3	9999	9999	9999	9999	1.9	25.1	52.4

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	9	57	248	557	810	986	936	678	344	120	23
45	3	2	22	140	404	660	831	781	528	212	54	8
50	1	-7777	7	66	261	510	676	626	382	111	21	2
55	-7777	-7777	2	26	145	363	521	472	245	49	6	1
60	0	0	1	9	68	227	367	319	134	16	1	-7777
Growing Degree Units for Corn (Monthly)												
50/86	8	9	43	154	326	513	658	618	418	206	73	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	18	75	323	880	1690	2676	3612	4290	4634	4754	4777
45	3	5	27	167	571	1231	2062	2843	3371	3583	3637	3645
50	1	-7777	8	74	335	845	1521	2147	2529	2640	2661	2663
55	-7777	-7777	2	28	173	536	1057	1529	1774	1823	1829	1830
60	0	0	1	10	78	305	672	991	1125	1141	1142	-7777
Growing Degree Units for Corn (Monthly)												
50/86	8	17	60	214	540	1053	1711	2329	2747	2953	3026	3042

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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