

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: **WILLIMANTIC WINDHAM AIRPORT, CT US**

GHCND:USW00054767  
Elev: 246 ft. Lat: 41.742° N Lon: 72.184° 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	35.3	17.0	26.1	5.0	5.4	5.1	0	0	0	0	0	0	894	956	1049	1204	0.0	0.0	2.8	11.8	28.7	2.3
2	38.4	19.6	29.0	4.0	4.1	3.9	-7777	0	0	0	0	0	728	784	868	1008	0.0	0.0	3.6	6.7	26.1	0.6
3	47.3	26.3	36.8	3.5	2.9	3.0	1	1	-7777	-7777	0	0	565	627	719	874	0.0	0.0	11.5	1.4	23.6	0.1
4	59.3	36.2	47.7	2.7	1.4	1.9	29	20	11	4	1	-7777	247	298	379	521	0.0	0.3	24.4	0.0	8.9	0.0
5	70.1	45.9	58.0	3.1	1.8	2.3	140	103	61	20	3	1	47	72	123	237	0.0	0.7	30.8	0.0	1.3	0.0
6	78.0	55.5	66.7	2.4	2.4	2.0	354	296	215	107	37	21	1	4	13	55	0.0	1.5	30.0	0.0	0.0	0.0
7	82.3	61.0	71.6	2.1	2.2	1.9	516	454	361	210	88	55	0	0	-7777	4	0.0	2.7	31.0	0.0	0.0	0.0
8	80.8	59.9	70.3	2.0	2.4	2.0	476	414	321	178	73	46	-7777	-7777	-7777	12	0.0	2.2	31.0	0.0	0.0	0.0
9	73.8	51.4	62.6	2.0	1.7	1.6	245	196	130	50	12	6	17	28	52	122	0.0	0.2	30.0	0.0	0.2	0.0
10	62.1	39.6	50.8	2.7	2.7	2.5	45	30	16	4	1	-7777	173	221	299	443	0.0	0.0	29.0	0.0	6.4	0.0
11	51.9	31.4	41.7	2.9	2.6	2.6	7	3	1	-7777	0	0	408	464	552	701	0.0	0.0	16.3	0.5	17.2	0.0
12	40.3	22.3	31.3	4.5	3.9	4.1	1	-7777	0	0	0	0	735	797	890	1045	0.0	0.0	5.2	6.4	26.6	0.4
Summary	60.0	38.8	49.4	3.1	2.8	2.7	1814	1517	1116	573	215	129	3815	4251	4944	6226	0.0	7.6	245.6	26.8	139.0	3.4

@ 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

9999, Empty, or blank, cells indicate an average greater than 0 but less than 0.05.

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Station: **WILLIMANTIC WINDHAM AIRPORT, CT US**

GHCND:USW00054767  
Elev: 246 ft. Lat: 41.742° N Lon: 72.184° W

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	3.45	@	@	@	@			
2	2.98	@	@	@	@			
3	4.42	@	@	@	@			
4	4.43	@	@	@	@			
5	3.99	@	@	@	@			
6	4.05	@	@	@	@			
7	4.09	@	@	@	@			
8	4.03	@	@	@	@			
9	3.95	@	@	@	@			
10	4.45	@	@	@	@			
11	4.33	@	@	@	@			
12	4.25	@	@	@	@			
Summary	48.42	9999	9999	9999	9999	9999	9999	9999

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Station: **WILLIMANTIC WINDHAM AIRPORT, CT US**

GHCND:USW00054767  
Elev: 246 ft. Lat: 41.742° N Lon: 72.184° W

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	10	59	247	558	802	981	940	678	341	129	26
45	2	3	23	137	404	652	826	786	528	207	61	10
50	-7777	-7777	7	66	260	502	671	631	381	108	24	3
55	0	-7777	1	29	140	354	516	476	245	45	7	1
60	0	0	-7777	11	61	215	361	321	130	16	1	0
Growing Degree Units for Corn (Monthly)												
50/86	8	8	46	155	327	506	658	623	417	200	75	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	20	79	326	884	1686	2667	3607	4285	4626	4755	4781
45	2	5	28	165	569	1221	2047	2833	3361	3568	3629	3639
50	-7777	-7777	7	73	333	835	1506	2137	2518	2626	2650	2653
55	0	-7777	1	30	170	524	1040	1516	1761	1806	1813	1814
60	0	0	-7777	11	72	287	648	969	1099	1115	1116	1116
Growing Degree Units for Corn (Monthly)												
50/86	8	16	62	217	544	1050	1708	2331	2748	2948	3023	3039

**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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Asheville, North Carolina 28801  
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Station: **BARKHAMSTED, CT US**

GHCND:USC00060299

Elev: 709 ft. Lat: 41.921° N Lon: 72.964° W

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	3.61	10.6	6.3	2.4	0.8	2.25	3.40	5.18
2	3.31	8.8	6.2	2.2	0.8	2.17	2.83	3.54
3	4.24	10.0	7.1	3.0	1.1	2.85	3.81	5.22
4	4.29	10.8	7.1	2.7	1.0	2.40	3.79	5.41
5	4.34	12.3	8.0	2.7	1.0	2.80	3.69	5.25
6	4.68	12.1	7.8	2.7	1.2	2.55	3.85	6.98
7	4.38	11.3	7.3	3.3	1.1	3.25	4.33	5.86
8	4.15	9.8	6.8	2.8	1.1	2.70	3.56	5.36
9	4.42	9.6	6.5	2.9	1.3	2.01	3.55	6.47
10	5.07	10.2	6.7	3.3	1.6	2.87	4.49	6.52
11	4.22	9.8	6.6	3.1	1.3	3.36	4.00	5.33
12	4.11	10.2	6.8	2.9	1.0	2.33	4.21	5.63
Summary	50.82	125.5	83.2	34.0	13.3	31.54	45.51	66.75

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