

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: **HAMPTON, CT US**

GHCND:USC00063420  
Elev: 489 ft. Lat: 41.768° N Lon: 72.053° 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	34.8	14.3	24.6				0	0	0	0	0	0	943	1005	1098	1253	0.0	0.0	2.0	12.7	30.7	1.7
2	37.7	17.8	27.8				0	0	0	0	0	0	763	819	903	1043	0.0	0.0	2.9	7.4	26.4	0.0
3	46.4	24.4	35.4				-7777	-7777	-7777	-7777	0	0	608	670	763	917	0.0	0.0	11.1	2.2	26.1	0.0
4	58.3	35.1	46.7				22	15	8	1	-7777	0	271	324	407	550	0.0	0.0	22.3	0.0	9.3	0.0
5	68.8	44.4	56.6				109	76	39	7	-7777	-7777	59	89	145	267	0.0	0.0	30.8	0.0	0.5	0.0
6	74.8	54.1	64.5				287	232	158	61	17	8	4	9	24	78	0.0	0.5	30.0	0.0	0.0	0.0
7	79.5	59.8	69.7				454	392	300	155	50	25	0	-7777	1	12	0.0	0.3	31.0	0.0	0.0	0.0
8	78.2	58.3	68.3				410	349	257	121	38	21	-7777	-7777	2	21	0.0	0.2	31.0	0.0	0.0	0.0
9	71.3	50.0	60.7				190	143	85	28	6	3	21	34	65	159	0.0	0.0	30.0	0.0	0.2	0.0
10	61.6	39.2	50.4				41	28	15	3	0	0	183	232	312	456	0.0	0.0	28.6	0.0	6.2	0.0
11	52.1	30.5	41.3				3	1	-7777	0	0	0	414	472	561	711	0.0	0.0	18.6	0.2	16.9	0.0
12	40.2	21.1	30.7				0	0	0	0	0	0	754	817	910	1065	0.0	0.0	5.7	6.6	28.1	0.0
Summary	58.6	37.4	48.1	9999	9999	9999	1516	1236	862	376	111	57	4020	4471	5191	6532	0.0	1.0	244.0	29.1	144.4	1.7

@ 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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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	3.98	@	@	@	@			
2	3.59	@	@	@	@			
3	4.54	@	@	@	@			
4	4.74	@	@	@	@			
5	3.79	@	@	@	@			
6	4.37	@	@	@	@			
7	4.39	@	@	@	@			
8	4.03	@	@	@	@			
9	4.18	@	@	@	@			
10	4.60	@	@	@	@			
11	4.61	@	@	@	@			
12	4.34	@	@	@	@			
Summary	51.16	9999	9999	9999	9999	9999	9999	9999

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3	5	40	226	515	733	919	875	619	327	109	14
45	-7777	-7777	11	123	363	583	764	720	469	191	43	2
50	0	-7777	2	56	221	433	608	565	323	97	13	-7777
55	0	0	-7777	22	109	287	454	410	190	41	3	0
60	0	0	-7777	8	39	158	300	257	85	15	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	3	4	36	144	300	444	608	565	364	191	65	12

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3	8	48	274	789	1522	2441	3316	3935	4262	4371	4385
45	-7777	-7777	11	134	497	1080	1844	2564	3033	3224	3267	3269
50	0	-7777	2	58	279	712	1320	1885	2208	2305	2318	-7777
55	0	0	-7777	22	131	418	872	1282	1472	1513	1516	1516
60	0	0	-7777	8	47	205	505	762	847	862	-7777	862
Growing Degree Units for Corn (Monthly)												
50/86	3	7	43	187	487	931	1539	2104	2468	2659	2724	2736

**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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