

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: **STAMFORD 5 N, CT US**

GHCND:USC00067970

Elev: 190 ft. Lat: 41.125° N Lon: 73.548° 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	38.8	20.0	29.4	4.3	5.1	4.6	-7777	-7777	0	0	0	0	794	855	948	1103	0.0	0.0	3.9	6.7	27.1	1.4
2	42.3	22.2	32.2	3.8	3.4	3.5	-7777	-7777	0	0	0	0	637	693	777	917	0.0	0.0	4.8	2.8	24.0	0.2
3	50.6	29.2	39.9	3.1	2.5	2.6	3	2	-7777	-7777	-7777	0	471	532	623	778	0.0	0.0	15.5	0.5	19.3	0.0
4	63.2	38.8	51.0	2.5	1.8	1.9	46	32	17	5	1	1	167	212	287	425	0.0	0.2	27.8	-7777	6.1	0.0
5	73.2	48.1	60.6	2.7	2.0	2.2	197	150	94	36	9	5	22	37	74	171	0.0	0.9	31.0	0.0	0.4	0.0
6	81.2	57.1	69.1	2.4	1.9	1.8	425	366	280	153	62	37	-7777	1	5	29	0.0	2.9	30.0	0.0	0.0	0.0
7	85.6	62.3	73.9	2.4	2.2	2.0	587	525	432	278	138	94	0	-7777	-7777	1	0.1	6.5	31.0	0.0	0.0	0.0
8	83.7	61.1	72.4	2.2	2.2	2.0	539	477	385	234	107	69	-7777	-7777	-7777	5	0.1	3.5	31.0	0.0	0.0	0.0
9	76.4	53.9	65.1	2.4	1.9	1.7	311	256	183	86	27	15	6	12	28	82	0.0	0.8	30.0	0.0	0.0	0.0
10	65.2	42.4	53.8	2.5	2.7	2.4	74	50	25	6	1	-7777	111	149	217	353	0.0	0.0	30.5	0.0	3.7	0.0
11	54.4	34.1	44.2	2.8	2.3	2.4	10	6	2	-7777	0	0	333	388	474	623	0.0	0.0	20.8	0.1	13.3	0.0
12	43.0	25.3	34.2	4.4	3.8	4.0	1	-7777	-7777	0	0	0	647	709	801	956	0.0	0.0	6.4	3.1	23.7	0.1
Summary	63.1	41.2	52.2	3.0	2.7	2.6	2193	1864	1418	798	345	221	3188	3588	4234	5443	0.2	14.8	262.7	13.2	117.6	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	4.04	10.7	6.7	2.9	1.1	2.62	4.15	5.16
2	3.38	9.3	6.2	2.3	1.0	2.43	3.02	4.64
3	4.74	10.8	7.3	3.2	1.5	2.72	4.73	5.68
4	4.78	13.2	7.6	3.1	1.2	2.95	4.25	5.85
5	4.69	12.9	7.9	3.1	1.4	3.11	4.51	5.27
6	4.62	11.9	7.3	3.2	1.3	2.61	4.51	5.91
7	4.08	10.3	6.2	2.7	1.2	2.63	4.01	4.71
8	4.18	9.7	6.7	2.8	1.4	2.42	4.40	5.28
9	4.89	10.1	6.5	3.3	1.7	2.27	4.70	6.60
10	4.79	9.5	6.2	3.0	1.4	2.09	4.25	6.25
11	4.53	10.9	6.5	3.5	1.6	3.47	4.15	5.60
12	4.43	10.7	7.2	2.8	1.0	2.63	4.34	5.80
Summary	53.15	130.0	82.3	35.9	15.8	31.95	51.02	66.75

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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	9.8	5.4	3.2	1.3	0.5	0.1	@	@	@	@	4.5	7.0	15.2
2	9.1	3.9	2.2	1.3	0.7	0.2	@	@	@	@	0.9	7.3	14.2
3	5.1	2.6	1.7	0.6	0.4	-7777	@	@	@	@	0.6	2.5	7.8
4	0.9	0.4	0.3	0.1	-7777	-7777	@	@	@	@	0.0	0.0	1.0
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	0.8	0.5	0.3	0.1	-7777	0.0	@	@	@	@	0.0	0.0	1.0
12	5.5	2.9	1.8	0.6	0.3	-7777	@	@	@	@	2.1	4.0	6.2
Summary	31.2	15.7	9.5	4.0	1.9	0.3	9999	9999	9999	9999	8.1	20.8	45.4

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	18	20	98	336	640	874	1052	1004	754	429	170	39
45	5	6	41	207	485	724	897	849	604	283	86	14
50	1	1	13	108	334	574	742	694	455	160	35	4
55	-7777	-7777	3	46	197	425	587	539	311	74	10	1
60	0	0	-7777	17	94	280	432	385	183	25	2	-7777
Growing Degree Units for Corn (Monthly)												
50/86	9	14	64	205	389	569	712	677	479	252	94	19

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	18	38	136	472	1112	1986	3038	4042	4796	5225	5395	5434
45	5	11	52	259	744	1468	2365	3214	3818	4101	4187	4201
50	1	2	15	123	457	1031	1773	2467	2922	3082	3117	3121
55	-7777	-7777	3	49	246	671	1258	1797	2108	2182	2192	2193
60	0	0	-7777	17	111	391	823	1208	1391	1416	1418	-7777
Growing Degree Units for Corn (Monthly)												
50/86	9	23	87	292	681	1250	1962	2639	3118	3370	3464	3483

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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