

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: **SHEPAUG DAM, CT US**

GHCND:USC00067373

Elev: 840 ft. Lat: 41.717° N Lon: 73.300° 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	31.8	12.5	22.2	4.5	5.9	5.1	-7777	0	0	0	0	0	1018	1080	1173	1328	0.0	0.0	1.3	15.5	29.9	4.5
2	35.2	15.6	25.4	3.6	4.0	3.6	0	0	0	0	0	0	829	885	969	1109	0.0	0.0	2.1	10.2	26.4	2.8
3	43.9	22.8	33.4	3.8	3.0	3.2	1	1	-7777	-7777	0	0	672	734	826	981	0.0	0.0	8.4	3.7	26.6	0.4
4	55.9	32.4	44.2	3.1	2.2	2.4	13	8	4	-7777	0	0	338	393	479	626	0.0	0.0	21.5	0.1	15.0	0.0
5	66.0	42.7	54.4	3.0	2.6	2.5	83	59	32	8	1	-7777	103	141	207	339	0.0	0.0	29.8	0.0	2.8	0.0
6	73.5	52.1	62.8	2.7	2.0	1.9	245	195	129	48	10	4	11	21	45	114	0.0	0.1	30.0	0.0	0.1	0.0
7	77.8	57.2	67.5	2.3	1.7	1.8	387	326	237	110	32	16	-7777	1	4	33	0.0	0.4	31.0	0.0	0.0	0.0
8	76.7	56.1	66.4	2.6	2.1	1.8	354	294	207	88	20	9	1	2	9	44	0.0	0.4	31.0	0.0	0.0	0.0
9	69.0	49.0	59.0	1.9	2.1	1.6	158	119	71	24	5	2	38	59	101	204	0.0	0.0	29.9	0.0	0.5	0.0
10	58.8	38.1	48.5	2.8	2.1	2.2	29	18	8	1	-7777	-7777	232	283	366	514	0.0	0.0	25.9	0.0	8.4	0.0
11	48.3	29.4	38.8	3.4	2.4	2.6	3	1	-7777	0	0	0	487	546	635	785	0.0	0.0	12.9	1.0	18.9	0.0
12	36.9	19.5	28.2	4.5	4.7	4.5	-7777	-7777	0	0	0	0	831	893	986	1141	0.0	0.0	2.7	9.3	28.2	1.6
Summary	56.2	35.6	45.9	3.2	2.9	2.8	1273	1021	688	279	68	31	4560	5038	5800	7218	0.0	0.9	226.5	39.8	156.8	9.3

@ 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	3.39	9.5	7.0	2.4	0.9	2.14	2.69	4.71
2	3.37	8.1	6.6	2.3	0.7	2.20	2.60	4.09
3	4.36	9.3	7.3	2.8	1.4	2.99	3.94	5.75
4	4.23	10.3	8.3	2.6	1.1	2.71	3.76	5.36
5	4.60	11.2	8.9	3.2	1.2	3.21	4.04	5.07
6	4.52	10.3	7.9	2.8	1.2	2.84	4.08	6.35
7	4.93	10.1	7.9	3.8	1.6	3.60	5.08	5.77
8	4.69	8.2	6.4	3.2	1.5	3.53	4.38	5.44
9	4.59	8.6	6.3	2.7	1.4	1.95	3.47	7.30
10	4.77	8.2	6.1	2.5	1.4	2.56	4.35	6.24
11	4.36	8.6	6.7	2.9	1.3	3.20	4.26	5.25
12	4.04	9.9	7.0	2.7	1.0	2.67	4.28	5.29
Summary	51.85	112.3	86.4	33.9	14.7	33.60	46.93	66.62

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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	17.3	4.9	4.8	1.9	0.8	0.2	@	@	@	@	8.4	14.0	21.5
2	10.2	3.4	3.4	1.4	0.5	0.1	@	@	@	@	5.0	9.0	14.0
3	9.6	2.8	2.8	1.1	0.4	0.1	@	@	@	@	2.0	5.7	16.5
4	2.8	0.8	0.8	0.4	0.2	0.1	@	@	@	@	0.0	0.0	3.9
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	-7777	-7777	-7777	0.0	0.0	@	@	@	@	0.0	0.0	0.0
11	2.2	0.7	0.7	0.4	0.1	0.0	@	@	@	@	0.0	0.0	3.5
12	9.3	3.1	3.1	1.3	0.5	-7777	@	@	@	@	4.0	8.4	13.9
Summary	51.4	15.7	15.6	6.5	2.5	0.5	9999	9999	9999	9999	19.4	37.1	73.3

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	6	37	172	446	684	852	818	570	273	85	14
45	1	1	14	88	300	534	697	663	421	157	37	4
50	-7777	-7777	5	38	173	386	542	508	280	75	13	1
55	-7777	0	1	13	83	245	387	354	158	29	3	-7777
60	0	0	-7777	4	32	129	237	207	71	8	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	3	4	30	115	261	411	543	515	328	151	47	7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	10	47	219	665	1349	2201	3019	3589	3862	3947	3961
45	1	2	16	104	404	938	1635	2298	2719	2876	2913	2917
50	-7777	-7777	5	43	216	602	1144	1652	1932	2007	2020	2021
55	-7777	0	1	14	97	342	729	1083	1241	1270	1273	-7777
60	0	0	-7777	4	36	165	402	609	680	688	-7777	688
Growing Degree Units for Corn (Monthly)												
50/86	3	7	37	152	413	824	1367	1882	2210	2361	2408	2415

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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