

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: **WEST THOMPSON LAKE, CT US**

GHCND:USC00069388  
Elev: 371 ft. Lat: 41.944° N Lon: 71.903° 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	34.5	13.6	24.1	4.5	6.5	5.4	0	0	0	0	0	0	959	1021	1114	1269	0.0	0.0	2.7	12.5	29.5	4.5
2	38.6	16.1	27.3	4.4	3.5	3.7	0	0	0	0	0	0	774	830	914	1054	0.0	0.0	3.4	6.9	26.5	2.0
3	46.2	23.5	34.8	3.1	3.0	2.8	1	1	-7777	-7777	0	0	626	687	780	935	0.0	0.0	10.5	2.1	26.0	0.2
4	58.3	33.8	46.0	3.1	2.5	2.3	22	14	7	2	-7777	-7777	290	343	426	570	0.0	0.1	23.3	0.1	12.8	0.0
5	68.8	43.9	56.4	3.2	2.3	2.4	117	86	50	15	3	1	75	106	163	284	0.0	0.5	30.2	0.0	1.9	0.0
6	76.6	53.5	65.0	2.9	2.5	2.2	308	254	180	83	25	13	6	12	29	82	0.0	1.1	30.0	0.0	0.1	0.0
7	81.8	59.0	70.4	2.4	2.6	2.0	477	416	324	181	72	44	-7777	-7777	2	14	0.0	2.7	31.0	0.0	0.0	0.0
8	80.2	57.4	68.8	1.9	2.5	2.0	428	367	277	143	53	31	-7777	1	4	26	0.0	1.4	31.0	0.0	0.0	0.0
9	72.8	48.7	60.8	2.0	1.9	1.7	201	156	100	37	10	5	28	43	77	165	0.0	0.4	30.0	0.0	0.4	0.0
10	61.7	36.6	49.1	2.6	3.3	2.6	35	22	12	3	-7777	-7777	216	266	348	494	0.0	0.0	28.3	0.0	10.6	0.0
11	51.2	29.2	40.2	2.8	2.8	2.4	4	2	1	-7777	0	0	448	506	595	744	0.0	0.0	16.1	0.5	20.2	-7777
12	40.1	19.5	29.8	4.7	4.6	4.5	-7777	-7777	0	0	0	0	781	843	936	1091	0.0	0.0	5.4	6.6	28.3	1.0
Summary	59.2	36.2	47.7	3.1	3.2	2.8	1593	1318	951	464	163	94	4203	4658	5388	6728	0.0	6.2	241.9	28.7	156.3	7.7

@ 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

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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	3.87	10.4	7.1	2.9	1.0	2.42	3.63	5.09
2	3.54	9.3	6.4	2.7	1.0	2.52	3.13	3.89
3	4.56	11.0	7.4	3.3	1.3	3.19	4.44	5.57
4	4.71	11.1	7.4	3.1	1.2	2.62	4.45	6.23
5	3.96	12.9	7.7	2.5	0.8	2.69	3.98	4.75
6	4.55	12.0	6.9	3.0	1.3	2.24	3.36	6.62
7	4.45	10.7	6.7	3.1	1.2	3.01	3.92	5.57
8	4.27	9.8	6.2	2.8	1.4	3.07	3.99	5.59
9	3.63	9.0	6.1	2.5	1.0	2.15	2.80	4.40
10	4.51	9.1	6.4	2.7	1.5	2.21	4.06	6.33
11	4.73	10.4	7.3	3.4	1.3	3.17	4.56	6.21
12	4.29	10.5	7.2	2.9	1.1	2.71	4.43	5.76
Summary	51.07	126.2	82.8	34.9	14.1	32.00	46.75	66.01

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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	11.6	4.4	3.7	1.5	0.8	0.1	15.6	10.6	7.1	2.9	6.0	9.0	17.7
2	8.1	3.1	2.9	1.2	0.6	0.2	11.9	9.1	6.2	1.9	4.0	6.5	12.5
3	6.2	2.4	2.1	1.0	0.4	-7777	6.4	4.1	2.5	0.6	2.0	5.0	9.0
4	1.6	0.3	0.3	0.2	0.1	0.1	0.8	0.4	0.3	0.1	0.0	0.0	0.5
5	0.0	0.0	0.0	0.0	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	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	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	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	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	0.0	0.0	0.0	0.0
11	1.1	0.5	0.4	0.1	0.1	0.0	1.1	0.5	0.2	0.0	0.0	0.0	1.5
12	8.2	2.9	2.5	1.0	0.6	0.1	8.4	4.9	3.4	1.1	2.0	8.0	14.0
Summary	36.8	13.6	11.9	5.0	2.6	0.5	44.2	29.6	19.7	6.6	14.0	28.5	55.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	9	45	210	507	751	942	892	622	294	100	20
45	3	2	16	114	357	602	787	738	473	174	44	7
50	1	-7777	5	54	222	452	632	583	330	87	16	2
55	0	0	1	22	117	308	477	428	201	35	4	-7777
60	0	0	-7777	7	50	180	324	277	100	12	1	0
Growing Degree Units for Corn (Monthly)												
50/86	7	10	40	144	304	468	622	583	384	193	67	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	18	63	273	780	1531	2473	3365	3987	4281	4381	4401
45	3	5	21	135	492	1094	1881	2619	3092	3266	3310	3317
50	1	-7777	6	60	282	734	1366	1949	2279	2366	2382	2384
55	0	0	1	23	140	448	925	1353	1554	1589	1593	-7777
60	0	0	-7777	7	57	237	561	838	938	950	951	951
Growing Degree Units for Corn (Monthly)												
50/86	7	17	57	201	505	973	1595	2178	2562	2755	2822	2838

**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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