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: **NORWICH PUB UTIL PLA, CT US**

GHCND:USC00065910
Elev: 20 ft.   Lat: 41.527° N   Lon: 72.064° 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	37.1	18.6	27.9	4.5	5.0	4.6	-7777	-7777	0	0	0	0	842	904	997	1151	0.0	0.0	3.3	9.4	28.3	1.4
2	40.6	21.3	30.9	3.5	3.5	3.3	0	0	0	0	0	0	673	729	813	953	0.0	0.0	4.2	4.7	24.8	0.3
3	48.3	27.6	37.9	2.9	2.6	2.6	1	1	-7777	-7777	0	0	530	591	684	839	0.0	0.0	12.6	1.1	21.8	0.0
4	59.4	37.4	48.4	2.8	1.8	2.1	28	18	9	2	-7777	-7777	226	276	357	500	0.0	-7777	25.0	-7777	7.3	0.0
5	70.0	46.6	58.3	3.1	1.8	2.3	144	107	64	22	5	3	42	66	116	229	0.0	0.7	30.7	0.0	0.3	0.0
6	78.4	56.5	67.4	2.4	2.1	2.0	375	317	235	120	44	26	2	4	12	46	0.0	1.9	30.0	0.0	0.0	0.0
7	83.3	62.2	72.7	2.3	2.4	2.1	550	488	395	243	114	75	-7777	-7777	-7777	3	-7777	3.8	31.0	0.0	0.0	0.0
8	82.0	60.7	71.3	2.3	2.4	2.2	507	445	353	206	90	58	-7777	-7777	1	9	-7777	2.5	31.0	0.0	0.0	0.0
9	74.7	52.3	63.5	2.4	2.0	2.0	267	216	148	63	19	10	12	21	43	108	0.0	0.3	30.0	0.0	0.2	0.0
10	63.5	40.8	52.2	2.5	2.7	2.4	57	39	20	6	1	-7777	146	189	263	404	0.0	0.0	29.6	0.0	4.9	0.0
11	53.1	32.7	42.9	2.6	2.4	2.3	8	4	1	-7777	0	0	371	427	514	663	0.0	0.0	18.8	0.1	15.7	0.0
12	42.0	24.1	33.0	4.2	3.6	3.8	1	-7777	-7777	0	0	0	681	743	836	990	0.0	0.0	6.5	4.9	25.7	0.4
Summary	61.0	40.1	50.5	3.0	2.7	2.6	1938	1635	1225	662	273	172	3525	3950	4636	5895	0.0	9.2	252.7	20.2	129.0	2.1

@ 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	4.15	10.0	6.9	3.3	1.2	2.98	4.11	5.54
2	4.08	9.0	6.1	2.7	1.4	2.61	3.81	5.26
3	5.48	10.4	7.7	3.2	1.4	3.98	5.21	6.66
4	5.00	10.7	7.3	3.2	1.4	2.94	4.94	6.36
5	3.92	11.8	7.4	2.7	0.7	2.64	3.67	4.85
6	4.21	10.4	6.1	2.9	1.3	1.74	3.13	5.46
7	3.97	9.5	5.9	2.5	1.2	2.15	3.48	5.29
8	4.86	9.4	6.1	3.3	1.3	3.10	4.02	6.36
9	4.58	8.9	6.2	2.8	1.4	2.83	4.12	5.53
10	4.82	9.5	6.2	3.3	1.4	2.50	3.35	7.23
11	4.89	9.7	6.4	3.4	1.7	2.98	4.34	6.03
12	4.85	10.6	7.3	3.4	1.5	2.83	5.02	6.72
Summary	54.81	119.9	79.6	36.7	15.9	33.28	49.20	71.29

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	Totals	Snow (in.) 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	8.8	3.1	1.9	0.9	0.3	-7777	@	@	@	@	1.6	4.3	13.8
2	8.0	2.5	1.8	0.8	0.3	0.1	@	@	@	@	2.0	5.0	13.5
3	3.6	1.7	1.0	0.3	0.3	0.0	@	@	@	@	0.0	0.6	7.3
4	0.8	0.2	0.2	0.1	0.1	0.0	@	@	@	@	0.0	0.0	0.0
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	0.2	0.2	0.1	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
12	6.6	2.0	1.3	0.8	0.3	-7777	@	@	@	@	0.0	5.5	9.5
Summary	28.0	9.7	6.3	2.9	1.3	0.1	9999	9999	9999	9999	3.6	15.4	44.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	16	69	264	567	823	1015	972	705	379	142	34
45	3	4	26	148	413	673	860	817	555	240	68	12
50	1	1	8	69	267	523	705	662	407	130	26	4
55	-7777	0	1	28	144	375	550	507	267	57	8	1
60	0	0	-7777	9	64	235	395	353	148	20	1	-7777
Growing Degree Units for Corn (Monthly)												
50/86	9	11	47	154	329	524	686	650	439	224	82	20

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	30	99	363	930	1753	2768	3740	4445	4824	4966	5000
45	3	7	33	181	594	1267	2127	2944	3499	3739	3807	3819
50	1	2	10	79	346	869	1574	2236	2643	2773	2799	2803
55	-7777	0	1	29	173	548	1098	1605	1872	1929	1937	1938
60	0	0	-7777	9	73	308	703	1056	1204	1224	1225	-7777
Growing Degree Units for Corn (Monthly)												
50/86	9	20	67	221	550	1074	1760	2410	2849	3073	3155	3175

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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