

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: **GROTON NEW LONDON AIRPORT, CT US**

GHCND:USW00014707
Elev: 10 ft. Lat: 41.328° N Lon: 72.049° 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	37.5	21.6	29.5	4.3	5.1	4.6	0	0	0	0	0	0	789	851	944	1099	0.0	0.0	2.6	8.0	26.3	0.7
2	40.0	23.9	32.0	3.3	3.0	3.0	0	0	0	0	0	0	645	701	785	925	0.0	0.0	2.8	4.0	24.3	0.1
3	46.5	29.1	37.8	2.6	2.4	2.3	-7777	-7777	-7777	0	0	0	533	595	688	843	0.0	0.0	10.1	1.2	20.4	0.0
4	55.4	38.7	47.0	2.1	1.8	1.8	13	7	3	1	-7777	0	251	306	392	539	0.0	0.0	22.5	0.0	4.8	0.0
5	64.5	47.6	56.0	2.0	1.5	1.6	90	60	29	5	-7777	-7777	58	89	152	282	0.0	0.0	30.9	0.0	0.4	0.0
6	73.3	57.6	65.4	1.8	1.5	1.5	314	257	177	73	16	7	1	4	14	59	0.0	0.1	30.0	0.0	0.0	0.0
7	78.2	62.9	70.6	2.0	2.0	1.9	482	420	327	176	58	32	0	0	0	4	0.0	0.3	31.0	0.0	0.0	0.0
8	78.4	62.3	70.4	1.1	1.8	1.4	476	414	321	174	62	35	0	0	-7777	8	0.0	0.2	31.0	0.0	0.0	0.0
9	72.3	55.1	63.7	1.5	1.9	1.5	269	216	145	55	12	6	8	15	34	94	0.0	0.1	30.0	0.0	0.0	0.0
10	61.5	43.9	52.7	2.0	2.7	2.2	55	35	17	4	-7777	-7777	126	168	243	385	0.0	0.0	29.6	0.0	1.8	0.0
11	53.0	35.9	44.5	2.2	2.5	2.2	7	3	1	-7777	0	0	324	380	467	616	0.0	0.0	20.5	0.2	10.0	0.0
12	42.4	27.0	34.7	3.6	3.1	3.3	1	-7777	0	0	0	0	630	692	784	939	0.0	0.0	5.4	3.1	22.7	0.0
Summary	58.6	42.1	50.4	2.4	2.4	2.3	1707	1412	1020	488	148	80	3365	3801	4503	5793	0.0	0.7	246.4	16.5	110.7	0.8

@ 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	3.27	@	@	@	@			
2	2.86	@	@	@	@			
3	4.16	@	@	@	@			
4	4.41	@	@	@	@			
5	3.85	@	@	@	@			
6	4.11	@	@	@	@			
7	3.77	@	@	@	@			
8	4.16	@	@	@	@			
9	4.00	@	@	@	@			
10	3.86	@	@	@	@			
11	4.31	@	@	@	@			
12	3.73	@	@	@	@			
Summary	46.49	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	13	14	55	222	498	763	947	941	711	395	174	39
45	2	3	14	110	344	613	792	786	561	251	85	13
50	-7777	-7777	1	42	201	463	637	631	412	135	31	4
55	0	0	-7777	13	90	314	482	476	269	55	7	1
60	0	0	-7777	3	29	177	327	321	145	17	1	0
Growing Degree Units for Corn (Monthly)												
50/86	5	6	25	97	244	465	635	629	428	199	76	14

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	27	82	304	802	1565	2512	3453	4164	4559	4733	4772
45	2	5	19	129	473	1086	1878	2664	3225	3476	3561	3574
50	-7777	-7777	1	43	244	707	1344	1975	2387	2522	2553	2557
55	0	0	-7777	13	103	417	899	1375	1644	1699	1706	1707
60	0	0	-7777	3	32	209	536	857	1002	1019	1020	1020
Growing Degree Units for Corn (Monthly)												
50/86	5	11	36	133	377	842	1477	2106	2534	2733	2809	2823

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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