

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: **MERIDEN MARKHAM MUNICIPAL AIRPORT, CT US**

GHCND:USW00054788  
Elev: 102 ft. Lat: 41.510° N Lon: 72.828° 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	36.8	17.0	26.9	4.7	6.0	5.2	-7777	-7777	0	0	0	0	871	933	1026	1181	0.0	0.0	3.4	10.2	28.5	1.8
2	39.4	20.8	30.1	3.9	3.9	3.8	0	0	0	0	0	0	697	753	837	977	0.0	0.0	3.3	5.9	25.6	0.3
3	48.2	27.6	37.9	3.2	2.9	2.9	1	-7777	-7777	-7777	0	0	531	592	685	840	0.0	0.0	12.4	1.5	22.5	0.0
4	60.4	37.8	49.1	2.5	1.3	1.8	40	29	16	6	2	1	217	266	344	483	0.0	0.4	24.6	0.0	7.3	0.0
5	69.9	47.1	58.5	2.9	2.0	2.3	150	113	69	24	5	2	42	66	115	226	0.0	0.5	31.0	0.0	0.5	0.0
6	78.6	56.5	67.6	2.6	2.0	2.0	378	320	237	122	45	26	1	3	10	46	0.0	1.6	30.0	0.0	0.0	0.0
7	83.5	61.7	72.6	2.6	2.3	2.2	545	483	391	239	109	70	0	0	-7777	3	0.2	4.5	31.0	0.0	0.0	0.0
8	81.6	61.0	71.3	1.9	1.9	1.7	505	443	350	204	88	55	0	-7777	-7777	8	0.1	2.5	31.0	0.0	0.0	0.0
9	74.8	52.1	63.5	2.0	2.1	1.8	263	212	143	59	16	8	10	19	40	105	0.0	0.3	30.0	0.0	0.3	0.0
10	63.4	40.6	52.0	2.6	2.8	2.5	56	38	20	7	2	-7777	149	193	268	410	0.0	0.0	29.5	0.0	5.3	0.0
11	51.9	32.0	41.9	2.5	2.5	2.3	6	2	1	-7777	-7777	0	397	454	542	691	0.0	0.0	17.6	0.3	16.2	0.0
12	41.0	23.2	32.1	4.3	3.7	3.9	1	-7777	-7777	0	0	0	710	772	865	1020	0.0	0.0	5.7	4.9	26.4	0.4
Summary	60.8	39.8	50.3	3.0	2.8	2.7	1945	1640	1227	661	267	162	3625	4051	4732	5990	0.3	9.8	249.5	22.8	132.6	2.5

@ 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	3.57	@	@	@	@			
2	3.17	@	@	@	@			
3	4.38	@	@	@	@			
4	3.49	@	@	@	@			
5	3.89	@	@	@	@			
6	4.14	@	@	@	@			
7	4.18	@	@	@	@			
8	3.90	@	@	@	@			
9	4.14	@	@	@	@			
10	4.85	@	@	@	@			
11	4.13	@	@	@	@			
12	3.98	@	@	@	@			
Summary	47.82	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	11	12	68	283	574	826	1010	970	703	374	130	27
45	3	3	27	168	420	676	855	815	554	236	61	10
50	1	-7777	7	88	274	526	700	660	405	129	22	3
55	-7777	0	1	40	150	378	545	505	263	56	6	1
60	0	0	-7777	16	69	237	391	350	143	20	1	-7777
Growing Degree Units for Corn (Monthly)												
50/86	8	8	48	168	329	525	681	649	435	221	72	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	23	91	374	948	1774	2784	3754	4457	4831	4961	4988
45	3	6	33	201	621	1297	2152	2967	3521	3757	3818	3828
50	1	-7777	8	96	370	896	1596	2256	2661	2790	2812	2815
55	-7777	0	1	41	191	569	1114	1619	1882	1938	1944	1945
60	0	0	-7777	16	85	322	713	1063	1206	1226	1227	-7777
Growing Degree Units for Corn (Monthly)												
50/86	8	16	64	232	561	1086	1767	2416	2851	3072	3144	3160

**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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