

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: **HARTFORD BRADLEY INTERNATIONAL AIRPORT, CT US**

GHCND:USW00014740

Elev: 190 ft. Lat: 41.938° N Lon: 72.682° 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	17.7	26.1	4.6	5.3	4.9	-7777	-7777	-7777	0	0	0	896	958	1051	1206	0.0	0.0	2.2	12.3	27.8	2.4
2	38.5	20.9	29.7	3.8	3.7	3.6	-7777	0	0	0	0	0	708	764	848	988	0.0	0.0	3.3	6.9	24.9	0.6
3	47.7	27.9	37.8	3.5	2.7	2.9	3	2	1	-7777	-7777	-7777	536	597	689	843	0.0	0.0	11.9	1.7	21.0	-7777
4	60.5	38.4	49.4	3.0	1.9	2.3	41	29	17	6	1	1	208	256	333	472	0.0	0.2	25.0	-7777	6.4	0.0
5	71.2	47.7	59.5	3.2	2.0	2.5	173	132	84	33	9	5	35	56	101	205	-7777	0.9	30.8	0.0	0.4	0.0
6	79.6	57.3	68.5	2.6	2.1	2.0	405	347	263	144	60	38	1	3	10	40	0.0	2.9	30.0	0.0	0.0	0.0
7	84.5	62.7	73.6	2.6	2.1	2.2	576	515	422	269	136	94	0	-7777	-7777	3	0.1	5.8	31.0	0.0	0.0	0.0
8	82.7	61.1	71.9	2.1	1.9	1.9	524	462	370	223	104	70	-7777	-7777	1	9	-7777	4.0	31.0	0.0	0.0	0.0
9	74.9	52.7	63.8	2.5	2.0	1.9	277	226	158	74	25	15	13	22	44	110	0.0	0.8	30.0	0.0	0.1	0.0
10	63.1	41.1	52.1	2.8	2.7	2.6	62	43	24	7	1	1	152	195	269	407	0.0	0.0	29.0	0.0	4.4	0.0
11	51.6	33.2	42.4	2.9	2.6	2.5	9	5	2	-7777	-7777	0	387	443	530	678	0.0	0.0	16.2	0.3	14.5	0.0
12	39.7	23.4	31.6	4.4	4.1	4.2	1	-7777	-7777	0	0	0	728	789	882	1037	0.0	0.0	4.5	6.7	25.5	0.4
Summary	60.7	40.3	50.5	3.2	2.8	2.8	2071	1761	1341	756	336	224	3664	4083	4758	5998	0.1	14.6	244.9	27.9	125.0	3.4

@ 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	3.23	10.8	6.1	2.6	0.7	1.93	3.03	4.68
2	2.89	9.7	5.8	2.1	0.5	1.76	2.79	3.38
3	3.62	11.5	7.1	2.4	0.8	2.44	3.65	4.52
4	3.72	11.2	6.8	2.3	0.9	2.51	3.37	4.56
5	4.35	12.8	7.9	2.7	1.1	2.77	3.45	4.97
6	4.35	12.2	7.0	2.6	1.1	2.23	3.63	6.03
7	4.18	10.4	7.0	2.7	1.1	2.58	4.07	4.91
8	3.93	10.0	5.8	2.4	1.2	2.21	3.52	5.72
9	3.88	9.8	6.0	2.5	1.0	2.10	2.85	5.35
10	4.37	10.2	6.1	3.0	1.3	2.27	3.61	5.31
11	3.89	10.7	6.3	2.8	1.1	2.89	3.77	4.57
12	3.44	10.7	6.5	2.3	0.8	2.18	3.50	4.73
Summary	45.85	130.0	78.4	30.4	11.6	27.87	41.24	58.73

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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	12.3	5.8	3.0	1.5	0.8	0.2	15.8	9.2	6.3	1.9	5.1	10.2	14.7
2	11.0	4.7	2.2	0.8	0.6	0.1	12.4	8.5	4.5	1.4	4.6	9.0	17.6
3	6.4	3.5	1.9	0.7	0.3	-7777	5.1	3.0	1.4	0.3	0.2	4.6	6.5
4	1.4	0.5	0.3	-7777	-7777	-7777	0.5	0.2	0.1	0.1	0.0	0.2	1.4
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	2.0	0.9	0.5	0.2	0.1	0.0	0.9	0.6	0.1	0.0	0.0	0.1	3.9
12	7.4	4.7	2.2	1.0	0.4	-7777	6.6	2.5	1.4	0.4	4.9	6.1	8.1
Summary	40.5	20.1	10.1	4.2	2.2	0.3	41.3	24.0	13.8	4.1	14.8	30.2	52.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	14	75	295	603	853	1041	989	714	378	138	27
45	4	4	32	176	449	703	886	834	564	241	68	10
50	1	1	12	91	301	553	731	679	416	134	27	3
55	-7777	-7777	3	41	173	405	576	524	277	62	9	1
60	-7777	0	1	17	84	263	422	370	158	24	2	-7777
Growing Degree Units for Corn (Monthly)												
50/86	7	9	49	173	353	548	703	662	444	218	72	14

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	26	101	396	999	1852	2893	3882	4596	4974	5112	5139
45	4	8	40	216	665	1368	2254	3088	3652	3893	3961	3971
50	1	2	14	105	406	959	1690	2369	2785	2919	2946	2949
55	-7777	-7777	3	44	217	622	1198	1722	1999	2061	2070	2071
60	-7777	0	1	18	102	365	787	1157	1315	1339	1341	-7777
Growing Degree Units for Corn (Monthly)												
50/86	7	16	65	238	591	1139	1842	2504	2948	3166	3238	3252

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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