

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 BRAINARD FIELD, CT US**

GHCND:USW00014752
Elev: 20 ft. Lat: 41.736° N Lon: 72.651° 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	35.7	18.5	27.1	4.6	6.0	5.0	-7777	-7777	-7777	0	0	0	865	927	1020	1175	0.0	0.0	2.8	10.7	27.8	1.4
2	39.3	21.6	30.5	3.9	3.7	3.5	-7777	-7777	0	0	0	0	687	743	827	967	0.0	0.0	3.6	6.2	24.6	0.2
3	47.5	28.9	38.2	3.2	3.7	3.2	4	2	1	-7777	-7777	0	524	585	677	831	0.0	0.0	11.5	1.5	19.3	0.0
4	59.8	39.5	49.6	3.0	2.0	2.4	43	30	17	5	1	1	203	251	327	466	0.0	0.3	24.9	0.1	4.3	0.0
5	70.2	49.0	59.6	3.1	1.9	2.4	179	137	88	35	10	5	37	57	100	202	0.0	0.6	30.7	0.0	0.8	0.0
6	79.1	58.6	68.8	2.5	2.0	2.0	417	359	275	152	64	40	2	4	9	36	0.0	2.4	30.0	0.0	-7777	0.0
7	83.9	64.3	74.1	2.4	2.1	2.1	592	530	437	285	146	101	-7777	-7777	-7777	3	0.1	4.9	31.0	0.0	0.0	0.0
8	82.3	62.8	72.6	2.1	2.3	2.0	544	482	390	241	115	77	-7777	-7777	1	7	-7777	3.2	31.0	0.0	0.0	0.0
9	74.7	54.0	64.4	2.2	2.3	2.0	292	240	170	80	27	16	12	19	39	99	0.0	0.5	30.0	0.0	-7777	0.0
10	63.1	41.8	52.4	2.8	3.9	3.0	64	43	23	7	1	1	143	184	257	396	0.0	0.0	29.2	0.0	3.6	0.0
11	52.2	34.6	43.4	3.1	2.4	2.5	11	6	2	-7777	-7777	0	359	414	500	648	0.0	0.0	16.9	0.3	12.4	0.0
12	40.7	24.2	32.5	4.6	4.5	4.4	1	1	-7777	0	0	0	700	762	854	1009	0.0	0.0	5.2	5.6	25.4	0.3
Summary	60.7	41.5	51.1	3.1	3.1	2.9	2147	1830	1403	805	364	241	3532	3946	4611	5839	0.1	11.9	246.8	24.4	118.2	1.9

@ 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	3.15	9.4	6.0	2.0	0.7	1.76	2.69	4.07
2	2.65	8.3	5.5	1.7	0.5	1.82	2.22	3.04
3	3.57	10.1	6.6	2.4	1.0	2.44	3.05	4.35
4	3.88	10.3	6.2	2.5	0.8	1.76	3.70	4.90
5	3.89	12.4	7.4	2.5	1.0	2.61	3.17	4.85
6	3.99	10.9	6.5	2.7	1.0	2.20	3.81	5.20
7	4.00	9.8	6.7	2.9	1.2	2.29	3.80	4.78
8	3.66	8.9	5.1	2.3	1.1	1.91	3.86	4.69
9	3.48	9.3	5.3	2.7	0.8	1.84	2.77	4.68
10	4.14	10.2	5.5	2.9	1.5	2.26	3.30	5.89
11	3.84	9.8	6.5	3.1	1.2	2.57	3.33	4.94
12	3.35	10.3	6.7	2.4	0.9	2.03	3.78	4.57
Summary	43.60	119.7	74.0	30.1	11.7	25.49	39.48	55.96

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	16	81	301	608	865	1057	1009	730	388	158	30
45	4	4	35	182	454	715	902	854	581	249	80	11
50	1	1	13	95	307	566	747	699	432	139	33	4
55	-7777	-7777	4	43	179	417	592	544	292	64	11	1
60	-7777	0	1	17	88	275	437	390	170	23	2	-7777
Growing Degree Units for Corn (Monthly)												
50/86	8	10	46	164	349	559	723	684	454	219	78	17

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	30	111	412	1020	1885	2942	3951	4681	5069	5227	5257
45	4	8	43	225	679	1394	2296	3150	3731	3980	4060	4071
50	1	2	15	110	417	983	1730	2429	2861	3000	3033	3037
55	-7777	-7777	4	47	226	643	1235	1779	2071	2135	2146	2147
60	-7777	0	1	18	106	381	818	1208	1378	1401	1403	-7777
Growing Degree Units for Corn (Monthly)												
50/86	8	18	64	228	577	1136	1859	2543	2997	3216	3294	3311

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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