

U.S. Department of Commerce  
National Oceanic & Atmospheric Administration  
National Environmental Satellite, Data, and Information  
Service

# 1981-2010 Station Normals of Temperature, Precipitation, and Heating and Cooling Degree Days

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

December							January							February							
DATE	MAX	MIN	AVG	HDD	CDD	PRCP	DATE	MAX	MIN	AVG	HDD	CDD	PRCP	DATE	MAX	MIN	AVG	HDD	CDD	PRCP	
1	46	30	38	27	0	33.3% a	1	36	19	28	37	0	31.8% a	1	37	19	28	37	0	28.9% a	
2	46	29	38	27	0	33.3% a	2	36	19	28	37	0	31.7% a	2	37	20	28	37	0	28.9% a	
3	45	29	37	28	0	33.3% a	3	36	19	28	37	0	31.6% a	3	37	20	28	37	0	29.0% a	
4	45	29	37	28	0	33.3% a	4	36	19	27	38	0	31.5% a	4	37	20	29	37	0	29.0% a	
5	45	28	36	29	0	33.3% a	5	36	19	27	38	0	31.4% a	5	37	20	29	36	0	29.0% a	
6	44	28	36	29	0	33.3% a	6	36	19	27	38	0	31.3% a	6	38	20	29	36	0	29.0% a	
7	44	28	36	29	0	33.3% a	7	36	19	27	38	0	31.1% a	7	38	20	29	36	0	29.0% a	
8	43	27	35	30	0	33.3% a	8	36	18	27	38	0	31.0% a	8	38	20	29	36	0	29.1% a	
9	43	27	35	30	0	33.4% a	9	35	18	27	38	0	30.8% a	9	38	21	29	36	0	29.2% a	
10	43	26	34	31	0	33.4% a	10	35	18	27	38	0	30.7% a	10	38	21	30	36	0	29.3% a	
11	42	26	34	31	0	33.4% a	11	35	18	27	38	0	30.6% a	11	39	21	30	35	0	29.3% a	
12	42	26	34	31	0	33.4% a	12	35	18	27	38	0	30.5% a	12	39	21	30	35	0	29.4% a	
13	41	25	33	32	0	33.4% a	13	35	18	27	38	0	30.4% a	13	39	21	30	35	0	29.5% a	
14	41	25	33	32	0	33.3% a	14	35	18	27	38	0	30.3% a	14	39	21	30	35	0	29.6% a	
15	41	24	33	32	0	33.3% a	15	35	18	27	38	0	30.3% a	15	39	22	30	35	0	29.7% a	
16	40	24	32	33	0	33.2% a	16	35	18	27	38	0	30.2% a	16	40	22	31	34	0	29.8% a	
17	40	24	32	33	0	33.1% a	17	35	18	27	38	0	30.1% a	17	40	22	31	34	0	29.9% a	
18	40	23	32	34	0	33.0% a	18	35	18	27	38	0	30.0% a	18	40	22	31	34	0	30.0% a	
19	39	23	31	34	0	32.9% a	19	35	18	27	38	0	30.0% a	19	40	22	31	34	0	30.0% a	
20	39	23	31	34	0	32.8% a	20	35	18	27	38	0	29.9% a	20	40	23	32	34	0	30.2% a	
21	39	22	31	34	0	32.6% a	21	36	18	27	38	0	29.7% a	21	41	23	32	33	0	30.3% a	
22	39	22	30	35	0	32.5% a	22	36	18	27	38	0	29.6% a	22	41	23	32	33	0	30.5% a	
23	38	22	30	35	0	32.5% a	23	36	18	27	38	0	29.4% a	23	41	23	32	33	0	30.6% a	
24	38	21	30	35	0	32.4% a	24	36	19	27	38	0	29.3% a	24	41	23	32	33	0	30.8% a	
25	38	21	29	36	0	32.4% a	25	36	19	27	38	0	29.3% a	25	42	24	33	32	0	30.9% a	
26	38	21	29	36	0	32.3% a	26	36	19	27	38	0	29.2% a	26	42	24	33	32	0	30.9% a	
27	37	20	29	36	0	32.2% a	27	36	19	27	38	0	29.1% a	27	42	24	33	32	0	30.9% a	
28	37	20	29	36	0	32.1% a	28	36	19	28	37	0	29.1% a	28	42	24	33	32	0	31.0% a	
29	37	20	28	37	0	32.0% a	29	36	19	28	37	0	29.0% a								
30	37	20	28	37	0	32.0% a	30	36	19	28	37	0	29.0% a								
31	37	20	28	37	0	31.9% a	31	37	19	28	37	0	28.9% a								
MNTH:	40.7	24.2	32.5	1009	0	3.35 b	MNTH:	35.7	18.5	27.1	1175	0	3.15 b	MNTH:	39.3	21.6	30.5	967	0	2.65 b	
							Winter	38.5	21.5	30.0	3151	0	9.15 b								
							Annual	60.8	41.6	51.2	5839	804	43.60 b								

a: Probability of precipitation >= 0.01 inches for 29-day windows centered on each day of the year.  
b: Long-term averages of seasonal or annual precipitation totals in Inches.

-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  
blank: missing or insufficient data

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Station: **HARTFORD BRAINARD FIELD, CT US**

GHCND:USW00014752

Elev: 20 ft. Lat: 41.736° N Lon: 72.651° W

March							April							May						
DATE	MAX	MIN	AVG	HDD	CDD	PRCP	DATE	MAX	MIN	AVG	HDD	CDD	PRCP	DATE	MAX	MIN	AVG	HDD	CDD	PRCP
1	43	25	34	31	0	31.1% a	1	54	34	44	21	-7777	33.6% a	1	66	45	55	10	-7777	37.4% a
2	43	25	34	31	0	31.2% a	2	54	35	44	21	-7777	33.6% a	2	66	45	56	10	-7777	37.6% a
3	43	25	34	31	0	31.2% a	3	55	35	45	20	-7777	33.6% a	3	66	45	56	10	-7777	37.8% a
4	43	25	34	31	0	31.3% a	4	55	35	45	20	-7777	33.7% a	4	67	46	56	9	-7777	38.0% a
5	44	26	35	30	0	31.4% a	5	55	36	46	19	-7777	33.7% a	5	67	46	56	9	1	38.2% a
6	44	26	35	30	0	31.6% a	6	56	36	46	19	-7777	33.8% a	6	67	46	57	9	1	38.3% a
7	44	26	35	30	0	31.7% a	7	56	37	46	19	-7777	33.9% a	7	68	46	57	9	1	38.5% a
8	45	26	36	30	0	31.7% a	8	57	37	47	18	-7777	34.0% a	8	68	47	57	8	1	38.5% a
9	45	27	36	29	0	31.8% a	9	57	37	47	18	-7777	34.2% a	9	68	47	58	8	1	38.6% a
10	45	27	36	29	0	31.8% a	10	58	38	48	17	-7777	34.3% a	10	69	47	58	8	1	38.7% a
11	46	27	36	29	0	31.9% a	11	58	38	48	17	-7777	34.4% a	11	69	48	58	8	1	38.8% a
12	46	28	37	28	0	31.9% a	12	59	38	48	17	-7777	34.5% a	12	69	48	58	7	1	38.9% a
13	46	28	37	28	0	32.0% a	13	59	39	49	16	-7777	34.6% a	13	69	48	59	7	1	38.9% a
14	47	28	37	28	0	32.1% a	14	59	39	49	16	-7777	34.8% a	14	70	48	59	7	1	38.9% a
15	47	28	38	27	0	32.1% a	15	60	39	50	16	-7777	34.9% a	15	70	49	59	7	1	39.0% a
16	47	29	38	27	0	32.2% a	16	60	40	50	15	-7777	35.1% a	16	70	49	60	6	1	39.0% a
17	48	29	38	27	0	32.3% a	17	61	40	50	15	-7777	35.2% a	17	71	49	60	6	1	39.1% a
18	48	29	39	26	0	32.4% a	18	61	41	51	14	-7777	35.3% a	18	71	50	60	6	1	39.2% a
19	48	30	39	26	-7777	32.5% a	19	61	41	51	14	-7777	35.4% a	19	71	50	60	6	1	39.2% a
20	49	30	39	26	-7777	32.6% a	20	62	41	52	14	-7777	35.6% a	20	71	50	61	6	1	39.1% a
21	49	30	40	25	-7777	32.6% a	21	62	42	52	13	-7777	35.8% a	21	72	50	61	5	1	39.1% a
22	50	31	40	25	-7777	32.6% a	22	63	42	52	13	-7777	36.0% a	22	72	51	61	5	1	39.1% a
23	50	31	41	25	-7777	32.6% a	23	63	42	53	13	-7777	36.2% a	23	72	51	62	5	2	39.1% a
24	50	31	41	24	-7777	32.6% a	24	63	43	53	12	-7777	36.3% a	24	73	51	62	5	2	39.1% a
25	51	32	41	24	-7777	32.7% a	25	64	43	53	12	-7777	36.5% a	25	73	52	62	5	2	39.1% a
26	51	32	42	23	-7777	32.8% a	26	64	43	54	12	-7777	36.6% a	26	73	52	63	4	2	39.1% a
27	52	32	42	23	-7777	32.9% a	27	64	43	54	11	-7777	36.7% a	27	73	52	63	4	2	39.0% a
28	52	33	42	23	-7777	33.1% a	28	65	44	54	11	-7777	36.8% a	28	74	53	63	4	2	38.9% a
29	52	33	43	22	-7777	33.2% a	29	65	44	55	11	-7777	37.0% a	29	74	53	63	4	2	38.8% a
30	53	34	43	22	-7777	33.4% a	30	65	44	55	10	-7777	37.2% a	30	74	53	64	3	2	38.7% a
31	53	34	44	21	-7777	33.5% a								31	75	54	64	3	2	38.6% a
<b>MNTH:</b>	47.5	28.9	38.2	831	-7777	3.57 b	<b>MNTH:</b>	59.8	39.5	49.6	466	5	3.88 b	<b>MNTH:</b>	70.2	49.0	59.6	202	35	3.89 b
<b>Spring</b>							<b>Spring</b>	59.2	39.1	49.1	1499	40	11.34 b							
<b>Annual</b>							<b>Annual</b>	60.8	41.6	51.2	5839	804	43.60 b							

a: Probability of precipitation >= 0.01 inches for 29-day windows centered on each day of the year.  
b: Long-term averages of seasonal or annual precipitation totals in Inches.

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June							July							August						
DATE	MAX	MIN	AVG	HDD	CDD	PRCP	DATE	MAX	MIN	AVG	HDD	CDD	PRCP	DATE	MAX	MIN	AVG	HDD	CDD	PRCP
1	75	54	64	3	3	38.5% a	1	83	63	73	-7777	8	32.9% a	1	84	64	74	-7777	9	30.9% a
2	75	54	65	3	3	38.3% a	2	83	63	73	-7777	8	32.7% a	2	84	64	74	-7777	9	30.8% a
3	76	55	65	3	3	38.1% a	3	83	63	73	-7777	8	32.6% a	3	84	64	74	-7777	9	30.7% a
4	76	55	65	3	3	38.0% a	4	83	64	73	-7777	9	32.5% a	4	84	64	74	-7777	9	30.7% a
5	76	55	66	2	3	37.8% a	5	83	64	74	-7777	9	32.4% a	5	84	64	74	-7777	9	30.6% a
6	76	56	66	2	3	37.7% a	6	84	64	74	-7777	9	32.2% a	6	84	64	74	-7777	9	30.5% a
7	77	56	66	2	3	37.5% a	7	84	64	74	-7777	9	32.1% a	7	83	64	74	-7777	9	30.4% a
8	77	56	67	2	4	37.3% a	8	84	64	74	-7777	9	32.1% a	8	83	64	74	-7777	9	30.3% a
9	77	57	67	2	4	37.2% a	9	84	64	74	-7777	9	32.0% a	9	83	64	74	-7777	9	30.2% a
10	78	57	67	2	4	37.0% a	10	84	64	74	-7777	9	31.9% a	10	83	64	74	-7777	9	30.1% a
11	78	57	68	2	4	36.8% a	11	84	64	74	-7777	9	31.8% a	11	83	64	73	-7777	9	30.0% a
12	78	58	68	1	4	36.6% a	12	84	64	74	-7777	9	31.8% a	12	83	64	73	-7777	8	29.8% a
13	79	58	68	1	4	36.4% a	13	84	65	74	-7777	9	31.7% a	13	83	64	73	-7777	8	29.7% a
14	79	58	69	1	5	36.2% a	14	84	65	74	-7777	9	31.7% a	14	83	63	73	-7777	8	29.4% a
15	79	59	69	1	5	36.0% a	15	84	65	74	-7777	9	31.6% a	15	83	63	73	-7777	8	29.3% a
16	79	59	69	1	5	35.7% a	16	84	65	74	-7777	9	31.6% a	16	83	63	73	-7777	8	29.1% a
17	80	59	70	1	5	35.5% a	17	84	65	74	-7777	9	31.6% a	17	82	63	73	-7777	8	28.9% a
18	80	60	70	1	5	35.3% a	18	84	65	75	-7777	10	31.6% a	18	82	63	73	-7777	8	28.8% a
19	80	60	70	1	6	35.1% a	19	84	65	75	-7777	10	31.6% a	19	82	63	72	-7777	8	28.7% a
20	81	60	70	1	6	34.9% a	20	84	65	75	-7777	10	31.5% a	20	82	63	72	-7777	7	28.5% a
21	81	61	71	-7777	6	34.7% a	21	84	65	75	-7777	10	31.5% a	21	82	62	72	-7777	7	28.4% a
22	81	61	71	-7777	6	34.4% a	22	84	65	75	-7777	10	31.5% a	22	82	62	72	-7777	7	28.2% a
23	81	61	71	-7777	7	34.2% a	23	84	65	75	-7777	10	31.6% a	23	82	62	72	-7777	7	28.1% a
24	82	61	71	-7777	7	33.9% a	24	84	65	74	-7777	9	31.6% a	24	81	62	72	-7777	7	28.0% a
25	82	62	72	-7777	7	33.7% a	25	84	65	74	-7777	9	31.6% a	25	81	62	71	-7777	7	27.8% a
26	82	62	72	-7777	7	33.5% a	26	84	65	74	-7777	9	31.5% a	26	81	61	71	-7777	7	27.8% a
27	82	62	72	-7777	7	33.3% a	27	84	65	74	-7777	9	31.5% a	27	81	61	71	-7777	6	27.7% a
28	82	62	72	-7777	8	33.1% a	28	84	65	74	-7777	9	31.3% a	28	81	61	71	-7777	6	27.7% a
29	83	63	73	-7777	8	33.0% a	29	84	65	74	-7777	9	31.2% a	29	80	61	71	1	6	27.7% a
30	83	63	73	-7777	8	32.9% a	30	84	65	74	-7777	9	31.1% a	30	80	60	70	1	6	27.7% a
							31	84	65	74	-7777	9	30.9% a	31	80	60	70	1	6	27.8% a
<b>MNTH:</b>	79.1	58.6	68.8	36	152	3.99 b	<b>MNTH:</b>	83.9	64.3	74.1	3	285	4.00 b	<b>MNTH:</b>	82.3	62.8	72.6	7	241	3.66 b
<b>Summer</b>							<b>Summer</b>	81.8	61.9	71.9	46	677	11.65 b							
<b>Annual</b>							<b>Annual</b>	60.8	41.6	51.2	5839	804	43.60 b							

a: Probability of precipitation >= 0.01 inches for 29-day windows centered on each day of the year.  
b: Long-term averages of seasonal or annual precipitation totals in Inches.

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GHCND:USW00014752

Elev: 20 ft. Lat: 41.736° N Lon: 72.651° W

September							October							November						
DATE	MAX	MIN	AVG	HDD	CDD	PRCP	DATE	MAX	MIN	AVG	HDD	CDD	PRCP	DATE	MAX	MIN	AVG	HDD	CDD	PRCP
1	80	60	70	1	5	27.9% a	1	69	47	58	8	1	34.3% a	1	58	38	48	17	-7777	32.1% a
2	79	60	69	1	5	28.0% a	2	68	47	57	8	1	34.3% a	2	57	38	48	18	-7777	32.1% a
3	79	59	69	1	5	28.1% a	3	68	46	57	9	1	34.3% a	3	57	38	47	18	-7777	32.2% a
4	79	59	69	1	5	28.2% a	4	68	46	57	9	1	34.2% a	4	57	37	47	18	-7777	32.2% a
5	79	59	69	1	5	28.4% a	5	67	45	56	9	-7777	34.2% a	5	56	37	47	18	-7777	32.2% a
6	78	58	68	1	4	28.5% a	6	67	45	56	10	-7777	34.1% a	6	56	37	46	19	-7777	32.2% a
7	78	58	68	1	4	28.7% a	7	66	44	55	10	-7777	34.1% a	7	56	37	46	19	-7777	32.2% a
8	78	57	68	1	4	28.9% a	8	66	44	55	10	-7777	34.0% a	8	55	37	46	19	-7777	32.2% a
9	77	57	67	1	4	29.2% a	9	66	44	55	11	-7777	34.0% a	9	55	36	46	19	-7777	32.3% a
10	77	57	67	2	3	29.4% a	10	65	43	54	11	-7777	33.9% a	10	54	36	45	20	-7777	32.3% a
11	77	56	66	2	3	29.7% a	11	65	43	54	11	-7777	33.8% a	11	54	36	45	20	-7777	32.4% a
12	76	56	66	2	3	30.0% a	12	64	43	54	12	-7777	33.6% a	12	54	36	45	20	-7777	32.4% a
13	76	55	66	2	3	30.4% a	13	64	42	53	12	-7777	33.5% a	13	53	36	44	21	-7777	32.4% a
14	76	55	65	2	3	30.7% a	14	64	42	53	12	-7777	33.3% a	14	53	35	44	21	0	32.4% a
15	75	55	65	3	3	31.0% a	15	63	42	53	13	-7777	33.2% a	15	53	35	44	21	0	32.5% a
16	75	54	64	3	2	31.3% a	16	63	41	52	13	-7777	33.1% a	16	52	35	44	22	0	32.5% a
17	74	54	64	3	2	31.6% a	17	63	41	52	13	-7777	33.0% a	17	52	35	43	22	0	32.5% a
18	74	53	64	4	2	31.8% a	18	62	41	52	14	-7777	33.0% a	18	51	34	43	22	0	32.5% a
19	74	53	63	4	2	32.0% a	19	62	41	51	14	-7777	33.0% a	19	51	34	43	23	0	32.6% a
20	73	52	63	4	2	32.3% a	20	62	40	51	14	-7777	32.9% a	20	51	34	42	23	0	32.6% a
21	73	52	62	4	2	32.5% a	21	61	40	51	14	-7777	32.9% a	21	50	33	42	23	0	32.7% a
22	72	51	62	5	1	32.8% a	22	61	40	50	15	-7777	32.8% a	22	50	33	41	24	0	32.8% a
23	72	51	61	5	1	33.0% a	23	61	40	50	15	-7777	32.7% a	23	49	33	41	24	0	32.8% a
24	72	50	61	5	1	33.2% a	24	60	39	50	15	-7777	32.6% a	24	49	32	41	24	0	32.9% a
25	71	50	60	6	1	33.5% a	25	60	39	50	16	-7777	32.5% a	25	49	32	40	25	0	33.0% a
26	71	49	60	6	1	33.7% a	26	60	39	49	16	-7777	32.4% a	26	48	32	40	25	0	33.1% a
27	70	49	60	6	1	33.9% a	27	59	39	49	16	-7777	32.4% a	27	48	31	40	25	0	33.2% a
28	70	48	59	7	1	34.0% a	28	59	39	49	16	-7777	32.3% a	28	47	31	39	26	0	33.3% a
29	70	48	59	7	1	34.1% a	29	59	39	49	17	-7777	32.2% a	29	47	31	39	26	0	33.3% a
30	69	47	58	7	1	34.2% a	30	58	38	48	17	-7777	32.1% a	30	47	30	38	27	0	33.3% a
							31	58	38	48	17	-7777	32.1% a							
<b>MNTH:</b>	74.7	54.0	64.4	99	80	3.48 b	<b>MNTH:</b>	63.1	41.8	52.4	396	7	4.14 b	<b>MNTH:</b>	52.2	34.6	43.4	648	-7777	3.84 b
							<b>Autumn</b>	63.3	43.5	53.4	1143	87	11.46 b							
							<b>Annual</b>	60.8	41.6	51.2	5839	804	43.60 b							

a: Probability of precipitation >= 0.01 inches for 29-day windows centered on each day of the year.  
b: Long-term averages of seasonal or annual precipitation totals in Inches.

-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  
blank: missing or insufficient data