

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: **MOUNT CARMEL, CT US**

GHCND:USC00065077

Elev: 180 ft. Lat: 41.408° N Lon: 72.903° 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	47	30	39	26	0	31.4% a	1	37	21	29	36	0	33.6% a	1	38	20	29	36	0	29.2% a	
2	47	30	38	27	0	31.4% a	2	37	20	29	36	0	33.5% a	2	39	20	29	36	0	29.3% a	
3	46	30	38	27	0	31.5% a	3	37	20	29	36	0	33.4% a	3	39	20	30	35	0	29.3% a	
4	46	29	37	28	0	31.5% a	4	37	20	29	36	0	33.3% a	4	39	21	30	35	0	29.3% a	
5	45	29	37	28	0	31.6% a	5	37	20	29	36	0	33.2% a	5	39	21	30	35	0	29.4% a	
6	45	29	37	28	0	31.6% a	6	37	20	28	37	0	33.1% a	6	39	21	30	35	0	29.4% a	
7	44	28	36	29	0	31.6% a	7	37	20	28	37	0	32.9% a	7	39	21	30	35	0	29.4% a	
8	44	28	36	29	0	31.6% a	8	37	20	28	37	0	32.7% a	8	40	21	30	35	0	29.5% a	
9	44	28	36	29	0	31.7% a	9	37	19	28	37	0	32.5% a	9	40	21	31	35	0	29.7% a	
10	43	27	35	30	0	31.7% a	10	37	19	28	37	0	32.4% a	10	40	21	31	34	0	29.8% a	
11	43	27	35	30	0	31.9% a	11	37	19	28	37	0	32.2% a	11	40	22	31	34	0	29.9% a	
12	42	27	34	31	0	32.1% a	12	37	19	28	37	0	32.0% a	12	40	22	31	34	0	30.1% a	
13	42	26	34	31	0	32.2% a	13	37	19	28	37	0	31.8% a	13	40	22	31	34	0	30.2% a	
14	42	26	34	31	0	32.3% a	14	37	19	28	37	0	31.6% a	14	41	22	31	34	0	30.2% a	
15	41	26	33	32	0	32.5% a	15	37	19	28	37	0	31.4% a	15	41	22	32	33	0	30.4% a	
16	41	25	33	32	0	32.6% a	16	37	19	28	37	0	31.2% a	16	41	22	32	33	0	30.5% a	
17	41	25	33	32	0	32.7% a	17	37	19	28	37	0	30.9% a	17	41	23	32	33	0	30.6% a	
18	40	25	32	33	0	32.8% a	18	37	19	28	37	0	30.7% a	18	42	23	32	33	0	30.6% a	
19	40	24	32	33	0	33.0% a	19	37	19	28	37	0	30.4% a	19	42	23	32	33	0	30.7% a	
20	40	24	32	33	0	33.1% a	20	37	19	28	37	0	30.2% a	20	42	23	33	32	0	30.8% a	
21	40	24	32	34	0	33.3% a	21	37	19	28	37	0	30.0% a	21	42	23	33	32	0	30.9% a	
22	39	23	31	34	0	33.4% a	22	37	19	28	37	0	29.8% a	22	42	23	33	32	0	31.0% a	
23	39	23	31	34	0	33.5% a	23	37	19	28	37	0	29.6% a	23	43	24	33	32	0	31.0% a	
24	39	23	31	34	0	33.6% a	24	38	19	28	37	0	29.6% a	24	43	24	33	32	0	31.1% a	
25	39	22	30	35	0	33.7% a	25	38	19	29	36	0	29.5% a	25	43	24	34	31	0	31.1% a	
26	38	22	30	35	0	33.6% a	26	38	20	29	36	0	29.4% a	26	44	24	34	31	0	31.1% a	
27	38	22	30	35	0	33.6% a	27	38	20	29	36	0	29.2% a	27	44	24	34	31	0	31.1% a	
28	38	22	30	35	0	33.7% a	28	38	20	29	36	0	29.2% a	28	44	25	34	31	0	31.1% a	
29	38	21	30	35	0	33.8% a	29	38	20	29	36	0	29.1% a								
30	38	21	29	36	0	33.8% a	30	38	20	29	36	0	29.2% a								
31	38	21	29	36	0	33.7% a	31	38	20	29	36	0	29.2% a								
MNTH:	41.4	25.3	33.3	981	0	4.09 b	MNTH:	37.3	19.5	28.4	1134	0	3.71 b	MNTH:	40.9	22.2	31.6	936	0	3.34 b	
							Winter	39.8	22.3	31.1	3052	0	11.14 b								
							Annual	61.9	41.0	51.5	5678	754	52.31 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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GHCND:USC00065077

Elev: 180 ft. Lat: 41.408° N Lon: 72.903° 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	44	25	35	30	0	31.1% a	1	55	33	44	21	-7777	36.2% a	1	67	43	55	10	-7777	36.1% a
2	45	25	35	30	0	31.1% a	2	55	34	45	21	-7777	36.3% a	2	67	44	55	10	-7777	36.1% a
3	45	25	35	30	0	31.2% a	3	56	34	45	20	-7777	36.4% a	3	68	44	56	9	-7777	36.0% a
4	45	25	35	30	0	31.3% a	4	56	34	45	20	-7777	36.6% a	4	68	44	56	9	-7777	36.0% a
5	46	26	36	29	0	31.4% a	5	57	35	46	19	-7777	36.6% a	5	68	44	56	9	-7777	36.1% a
6	46	26	36	29	0	31.5% a	6	57	35	46	19	-7777	36.7% a	6	69	45	57	9	-7777	36.1% a
7	46	26	36	29	0	31.6% a	7	57	35	46	19	-7777	36.7% a	7	69	45	57	8	-7777	36.1% a
8	46	26	36	29	0	31.7% a	8	58	36	47	18	-7777	36.8% a	8	69	45	57	8	-7777	36.1% a
9	47	26	37	28	0	31.8% a	9	58	36	47	18	-7777	36.8% a	9	70	46	58	8	-7777	36.1% a
10	47	27	37	28	0	31.9% a	10	59	36	48	18	-7777	36.8% a	10	70	46	58	8	-7777	36.2% a
11	47	27	37	28	0	32.0% a	11	59	37	48	17	-7777	36.8% a	11	70	46	58	7	1	36.2% a
12	48	27	37	28	0	32.1% a	12	59	37	48	17	-7777	36.8% a	12	71	46	58	7	1	36.2% a
13	48	27	38	27	0	32.3% a	13	60	37	49	16	-7777	36.9% a	13	71	47	59	7	1	36.2% a
14	48	28	38	27	0	32.4% a	14	60	38	49	16	-7777	36.9% a	14	71	47	59	7	1	36.2% a
15	49	28	38	27	0	32.6% a	15	61	38	49	16	-7777	36.9% a	15	72	47	59	6	1	36.2% a
16	49	28	39	26	0	32.7% a	16	61	39	50	15	-7777	36.9% a	16	72	48	60	6	1	36.3% a
17	49	29	39	26	0	32.9% a	17	61	39	50	15	-7777	36.9% a	17	72	48	60	6	1	36.3% a
18	50	29	39	26	0	33.1% a	18	62	39	51	15	-7777	36.8% a	18	72	48	60	6	1	36.4% a
19	50	29	40	25	0	33.3% a	19	62	40	51	14	-7777	36.8% a	19	73	48	61	6	1	36.3% a
20	51	29	40	25	0	33.5% a	20	63	40	51	14	-7777	36.7% a	20	73	49	61	5	1	36.3% a
21	51	30	40	25	0	33.7% a	21	63	40	52	13	-7777	36.7% a	21	73	49	61	5	1	36.2% a
22	51	30	41	24	0	33.9% a	22	63	41	52	13	-7777	36.7% a	22	73	49	61	5	1	36.1% a
23	52	30	41	24	0	34.1% a	23	64	41	52	13	-7777	36.7% a	23	74	50	62	5	1	36.1% a
24	52	31	41	24	0	34.3% a	24	64	41	53	12	-7777	36.6% a	24	74	50	62	5	1	36.0% a
25	52	31	42	23	0	34.6% a	25	65	41	53	12	-7777	36.5% a	25	74	50	62	4	2	36.0% a
26	53	31	42	23	0	34.8% a	26	65	42	53	12	-7777	36.5% a	26	75	50	62	4	2	35.9% a
27	53	32	42	23	0	35.1% a	27	65	42	54	11	-7777	36.4% a	27	75	51	63	4	2	35.9% a
28	53	32	43	22	-7777	35.3% a	28	66	42	54	11	-7777	36.3% a	28	75	51	63	4	2	35.9% a
29	54	32	43	22	-7777	35.6% a	29	66	43	54	11	-7777	36.2% a	29	75	51	63	4	2	35.9% a
30	54	33	43	22	-7777	35.8% a	30	67	43	55	10	-7777	36.1% a	30	76	52	64	3	2	35.8% a
31	55	33	44	21	-7777	36.0% a								31	76	52	64	3	2	35.7% a
MNTH:	49.2	28.4	38.8	812	-7777	4.53 b	MNTH:	60.8	38.2	49.5	467	2	4.75 b	MNTH:	71.6	47.5	59.6	198	29	4.89 b
Spring							Spring	60.5	38.0	49.3	1476	30	14.17 b							
Annual							Annual	61.9	41.0	51.5	5678	754	52.31 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
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Elev: 180 ft. Lat: 41.408° N Lon: 72.903° W

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	76	52	64	3	2	35.6% a	1	83	61	72	-7777	7	29.2% a	1	85	63	74	-7777	9	28.8% a
2	76	53	64	3	2	35.6% a	2	84	61	72	-7777	8	29.1% a	2	85	63	74	-7777	9	28.7% a
3	77	53	65	3	2	35.4% a	3	84	61	73	-7777	8	29.0% a	3	85	63	74	-7777	9	28.7% a
4	77	53	65	3	3	35.3% a	4	84	62	73	-7777	8	28.9% a	4	85	63	74	-7777	9	28.6% a
5	77	54	65	2	3	35.1% a	5	84	62	73	-7777	8	28.8% a	5	85	63	74	-7777	9	28.6% a
6	77	54	66	2	3	34.9% a	6	84	62	73	-7777	8	28.7% a	6	85	63	74	-7777	9	28.6% a
7	78	54	66	2	3	34.7% a	7	84	62	73	-7777	8	28.6% a	7	84	62	73	-7777	8	28.6% a
8	78	55	66	2	3	34.4% a	8	84	62	73	-7777	8	28.6% a	8	84	62	73	-7777	8	28.5% a
9	78	55	67	2	3	34.2% a	9	85	62	74	-7777	9	28.6% a	9	84	62	73	-7777	8	28.3% a
10	78	55	67	2	3	33.9% a	10	85	63	74	-7777	9	28.6% a	10	84	62	73	-7777	8	28.1% a
11	79	56	67	1	3	33.6% a	11	85	63	74	-7777	9	28.6% a	11	84	62	73	-7777	8	27.9% a
12	79	56	67	1	4	33.4% a	12	85	63	74	-7777	9	28.7% a	12	84	62	73	-7777	8	27.7% a
13	79	56	68	1	4	33.1% a	13	85	63	74	-7777	9	28.8% a	13	84	62	73	-7777	8	27.5% a
14	79	57	68	1	4	32.8% a	14	85	63	74	-7777	9	29.0% a	14	84	62	73	-7777	8	27.2% a
15	80	57	68	1	4	32.4% a	15	85	63	74	-7777	9	29.1% a	15	84	62	73	-7777	8	27.1% a
16	80	57	69	1	4	32.1% a	16	85	63	74	-7777	9	29.2% a	16	83	61	72	-7777	8	26.9% a
17	80	57	69	1	5	31.9% a	17	85	63	74	-7777	9	29.2% a	17	83	61	72	-7777	7	26.7% a
18	80	58	69	1	5	31.6% a	18	85	63	74	-7777	9	29.3% a	18	83	61	72	-7777	7	26.6% a
19	81	58	69	1	5	31.4% a	19	85	63	74	-7777	9	29.4% a	19	83	61	72	-7777	7	26.5% a
20	81	58	70	1	5	31.2% a	20	85	63	74	-7777	9	29.5% a	20	83	61	72	-7777	7	26.5% a
21	81	59	70	1	5	31.0% a	21	85	63	74	-7777	9	29.5% a	21	83	61	72	-7777	7	26.5% a
22	81	59	70	-7777	6	30.7% a	22	85	63	74	-7777	9	29.5% a	22	83	60	71	-7777	7	26.6% a
23	82	59	70	-7777	6	30.5% a	23	85	63	74	-7777	9	29.5% a	23	82	60	71	-7777	7	26.7% a
24	82	59	71	-7777	6	30.3% a	24	85	63	74	-7777	9	29.4% a	24	82	60	71	-7777	6	26.7% a
25	82	60	71	-7777	6	30.1% a	25	85	63	74	-7777	9	29.4% a	25	82	60	71	-7777	6	26.7% a
26	82	60	71	-7777	6	29.9% a	26	85	63	74	-7777	9	29.3% a	26	82	60	71	-7777	6	26.8% a
27	83	60	71	-7777	7	29.7% a	27	85	63	74	-7777	9	29.3% a	27	82	59	71	-7777	6	27.0% a
28	83	60	72	-7777	7	29.6% a	28	85	63	74	-7777	9	29.2% a	28	81	59	70	1	6	27.2% a
29	83	61	72	-7777	7	29.4% a	29	85	63	74	-7777	9	29.1% a	29	81	59	70	1	6	27.4% a
30	83	61	72	-7777	7	29.3% a	30	85	63	74	-7777	9	29.0% a	30	81	59	70	1	6	27.5% a
							31	85	63	74	-7777	9	28.9% a	31	81	59	70	1	5	27.7% a
MNTH:	79.7	56.8	68.2	35	133	5.00 b	MNTH:	84.8	62.6	73.7	2	271	4.27 b	MNTH:	83.2	61.1	72.1	8	229	4.02 b
							Summer	82.6	60.2	71.4	45	633	13.29 b							
							Annual	61.9	41.0	51.5	5678	754	52.31 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
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Elev: 180 ft. Lat: 41.408° N Lon: 72.903° 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	81	58	69	1	5	27.9% a	1	70	47	59	7	1	31.9% a	1	59	38	48	17	-7777	31.1% a
2	80	58	69	1	5	28.1% a	2	69	47	58	7	1	31.8% a	2	58	38	48	17	0	31.2% a
3	80	58	69	1	5	28.3% a	3	69	47	58	8	1	31.7% a	3	58	37	48	17	0	31.4% a
4	80	57	69	1	5	28.5% a	4	68	46	57	8	1	31.5% a	4	58	37	47	18	0	31.5% a
5	79	57	68	1	5	28.6% a	5	68	46	57	9	1	31.4% a	5	58	37	47	18	0	31.6% a
6	79	57	68	1	4	28.8% a	6	68	46	57	9	1	31.2% a	6	57	37	47	18	0	31.7% a
7	79	57	68	2	4	29.1% a	7	67	45	56	9	-7777	31.0% a	7	57	36	47	18	0	31.7% a
8	79	56	67	2	4	29.4% a	8	67	45	56	10	-7777	30.9% a	8	56	36	46	19	-7777	31.8% a
9	78	56	67	2	4	29.7% a	9	67	44	55	10	-7777	30.8% a	9	56	36	46	19	-7777	31.9% a
10	78	56	67	2	4	30.0% a	10	66	44	55	10	-7777	30.7% a	10	56	36	46	19	-7777	32.0% a
11	78	55	66	2	3	30.3% a	11	66	44	55	11	-7777	30.6% a	11	55	36	46	20	-7777	32.1% a
12	77	55	66	2	3	30.6% a	12	65	43	54	11	-7777	30.4% a	12	55	35	45	20	-7777	32.1% a
13	77	55	66	2	3	30.9% a	13	65	43	54	11	-7777	30.3% a	13	55	35	45	20	-7777	32.0% a
14	77	54	65	3	3	31.1% a	14	65	43	54	12	-7777	30.2% a	14	54	35	45	20	-7777	31.9% a
15	76	54	65	3	3	31.4% a	15	64	42	53	12	-7777	30.2% a	15	54	35	44	21	-7777	31.9% a
16	76	53	65	3	3	31.7% a	16	64	42	53	12	-7777	30.1% a	16	53	34	44	21	-7777	31.8% a
17	75	53	64	3	2	31.9% a	17	64	42	53	13	-7777	30.1% a	17	53	34	44	21	-7777	31.7% a
18	75	53	64	3	2	32.0% a	18	63	41	52	13	-7777	30.1% a	18	53	34	43	22	-7777	31.7% a
19	75	52	63	4	2	32.1% a	19	63	41	52	13	-7777	30.2% a	19	52	34	43	22	-7777	31.6% a
20	74	52	63	4	2	32.2% a	20	63	41	52	13	-7777	30.1% a	20	52	34	43	22	-7777	31.5% a
21	74	52	63	4	2	32.3% a	21	62	40	51	14	-7777	30.2% a	21	51	33	42	23	-7777	31.5% a
22	73	51	62	4	2	32.4% a	22	62	40	51	14	-7777	30.2% a	22	51	33	42	23	-7777	31.5% a
23	73	51	62	5	1	32.4% a	23	62	40	51	14	-7777	30.3% a	23	51	33	42	23	-7777	31.5% a
24	73	50	61	5	1	32.4% a	24	61	40	50	15	-7777	30.4% a	24	50	32	41	24	-7777	31.5% a
25	72	50	61	5	1	32.4% a	25	61	39	50	15	-7777	30.4% a	25	50	32	41	24	-7777	31.5% a
26	72	50	61	6	1	32.3% a	26	61	39	50	15	-7777	30.5% a	26	49	32	41	25	-7777	31.5% a
27	71	49	60	6	1	32.3% a	27	60	39	50	15	-7777	30.6% a	27	49	32	40	25	-7777	31.6% a
28	71	49	60	6	1	32.2% a	28	60	39	49	16	-7777	30.6% a	28	48	31	40	25	-7777	31.6% a
29	71	48	59	6	1	32.1% a	29	60	38	49	16	-7777	30.7% a	29	48	31	39	26	0	31.5% a
30	70	48	59	7	1	32.0% a	30	59	38	49	16	-7777	30.7% a	30	47	31	39	26	0	31.4% a
							31	59	38	49	16	-7777	30.9% a							
MNTH:	75.7	53.4	64.5	97	84	4.14 b	MNTH:	64.1	42.2	53.1	374	7	5.17 b	MNTH:	53.4	34.4	43.9	633	-7777	4.40 b
							Autumn	64.4	43.3	53.8	1105	91	13.71 b							
							Annual	61.9	41.0	51.5	5678	754	52.31 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