

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: **GROTON, CT US**

GHCND:USC00063207

Elev: 39 ft. Lat: 41.351° N Lon: 72.039° 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	49	33	41	24	0	35.5% a	1	39	24	32	33	0	35.4% a	1	39	23	31	34	0	31.3% a	
2	48	33	41	24	0	35.5% a	2	39	24	31	34	0	35.3% a	2	39	23	31	34	0	31.3% a	
3	48	33	40	25	0	35.5% a	3	39	23	31	34	0	35.3% a	3	39	23	31	34	0	31.3% a	
4	48	32	40	25	0	35.5% a	4	39	23	31	34	0	35.2% a	4	39	23	31	34	0	31.3% a	
5	47	32	40	26	0	35.5% a	5	39	23	31	34	0	35.1% a	5	39	23	31	34	0	31.3% a	
6	47	32	39	26	0	35.6% a	6	39	23	31	34	0	34.9% a	6	40	24	32	34	0	31.3% a	
7	46	31	39	26	0	35.6% a	7	39	23	31	34	0	34.8% a	7	40	24	32	33	0	31.3% a	
8	46	31	38	27	0	35.6% a	8	39	23	31	34	0	34.7% a	8	40	24	32	33	0	31.3% a	
9	46	30	38	27	0	35.6% a	9	38	23	31	35	0	34.6% a	9	40	24	32	33	0	31.4% a	
10	45	30	38	27	0	35.6% a	10	38	22	30	35	0	34.4% a	10	40	24	32	33	0	31.5% a	
11	45	30	37	28	0	35.7% a	11	38	22	30	35	0	34.3% a	11	40	24	32	33	0	31.6% a	
12	45	29	37	28	0	35.7% a	12	38	22	30	35	0	34.1% a	12	40	24	32	33	0	31.7% a	
13	44	29	37	28	0	35.7% a	13	38	22	30	35	0	34.0% a	13	41	25	33	32	0	31.8% a	
14	44	29	36	29	0	35.7% a	14	38	22	30	35	0	33.9% a	14	41	25	33	32	0	32.0% a	
15	44	28	36	29	0	35.7% a	15	38	22	30	35	0	33.7% a	15	41	25	33	32	0	32.1% a	
16	43	28	36	29	0	35.7% a	16	38	22	30	35	0	33.6% a	16	41	25	33	32	0	32.2% a	
17	43	28	35	30	0	35.6% a	17	38	22	30	35	0	33.4% a	17	41	25	33	32	0	32.4% a	
18	43	27	35	30	0	35.5% a	18	38	22	30	35	0	33.2% a	18	42	25	34	32	0	32.5% a	
19	42	27	35	30	0	35.5% a	19	38	22	30	35	0	33.1% a	19	42	26	34	31	0	32.7% a	
20	42	27	34	31	0	35.5% a	20	38	22	30	35	0	32.9% a	20	42	26	34	31	0	32.8% a	
21	42	26	34	31	0	35.5% a	21	38	22	30	35	0	32.6% a	21	42	26	34	31	0	33.0% a	
22	42	26	34	31	0	35.5% a	22	38	22	30	35	0	32.5% a	22	42	26	34	31	0	33.2% a	
23	41	26	34	31	0	35.6% a	23	38	22	30	35	0	32.3% a	23	43	26	35	31	0	33.4% a	
24	41	26	33	32	0	35.6% a	24	38	22	30	35	0	32.1% a	24	43	27	35	30	0	33.5% a	
25	41	25	33	32	0	35.5% a	25	38	22	30	35	0	32.0% a	25	43	27	35	30	0	33.6% a	
26	41	25	33	32	0	35.5% a	26	38	22	30	35	0	31.8% a	26	43	27	35	30	0	33.7% a	
27	40	25	33	32	0	35.5% a	27	38	22	30	35	0	31.6% a	27	44	27	35	30	0	33.8% a	
28	40	25	32	33	0	35.5% a	28	38	23	31	35	0	31.5% a	28	44	27	36	29	0	33.8% a	
29	40	24	32	33	0	35.5% a	29	39	23	31	34	0	31.5% a								
30	40	24	32	33	0	35.5% a	30	39	23	31	34	0	31.4% a								
31	40	24	32	33	0	35.5% a	31	39	23	31	34	0	31.4% a								
MNTH:	43.6	28.2	35.9	902	0	4.28 b	MNTH:	38.4	22.5	30.5	1071	0	3.78 b	MNTH:	41.0	24.9	32.9	897	0	3.51 b	
							Winter	41.0	25.2	33.1	2870	0	11.57 b								
							Annual	60.3	44.1	52.2	5380	705	49.68 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:USC00063207

Elev: 39 ft. Lat: 41.351° N Lon: 72.039° 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	28	36	29	0	34.0% a	1	53	36	45	21	-7777	36.4% a	1	63	45	54	11	-7777	35.9% a
2	44	28	36	29	0	34.1% a	2	53	37	45	20	-7777	36.5% a	2	63	46	54	11	-7777	35.9% a
3	44	28	36	29	0	34.2% a	3	53	37	45	20	-7777	36.5% a	3	63	46	55	11	-7777	35.8% a
4	45	28	37	29	0	34.3% a	4	54	37	46	20	-7777	36.6% a	4	63	46	55	10	-7777	35.7% a
5	45	29	37	28	0	34.4% a	5	54	38	46	19	-7777	36.6% a	5	64	47	55	10	-7777	35.7% a
6	45	29	37	28	0	34.4% a	6	54	38	46	19	-7777	36.7% a	6	64	47	55	10	-7777	35.6% a
7	45	29	37	28	0	34.5% a	7	55	38	46	19	-7777	36.7% a	7	64	47	56	10	-7777	35.6% a
8	46	29	38	28	0	34.6% a	8	55	39	47	18	-7777	36.8% a	8	65	47	56	9	-7777	35.6% a
9	46	30	38	27	0	34.6% a	9	55	39	47	18	-7777	36.8% a	9	65	48	56	9	-7777	35.6% a
10	46	30	38	27	0	34.7% a	10	56	39	47	18	-7777	36.8% a	10	65	48	57	9	-7777	35.6% a
11	46	30	38	27	0	34.7% a	11	56	40	48	17	-7777	36.7% a	11	66	48	57	8	-7777	35.5% a
12	47	30	39	26	0	34.8% a	12	56	40	48	17	-7777	36.7% a	12	66	48	57	8	-7777	35.4% a
13	47	31	39	26	0	34.9% a	13	57	40	48	17	-7777	36.7% a	13	66	49	57	8	-7777	35.4% a
14	47	31	39	26	0	35.0% a	14	57	41	49	16	-7777	36.6% a	14	66	49	58	8	-7777	35.3% a
15	48	31	39	26	0	35.1% a	15	57	41	49	16	-7777	36.6% a	15	67	49	58	7	-7777	35.2% a
16	48	32	40	25	0	35.3% a	16	58	41	49	16	-7777	36.5% a	16	67	49	58	7	-7777	35.3% a
17	48	32	40	25	0	35.4% a	17	58	41	50	15	-7777	36.4% a	17	67	50	58	7	-7777	35.3% a
18	48	32	40	25	0	35.5% a	18	58	42	50	15	-7777	36.3% a	18	68	50	59	7	-7777	35.3% a
19	49	32	41	25	0	35.6% a	19	59	42	50	15	-7777	36.2% a	19	68	50	59	6	-7777	35.2% a
20	49	33	41	24	0	35.7% a	20	59	42	51	14	-7777	36.2% a	20	68	51	59	6	1	35.1% a
21	49	33	41	24	0	35.8% a	21	59	43	51	14	-7777	36.2% a	21	68	51	60	6	1	34.9% a
22	50	33	41	24	0	35.8% a	22	60	43	51	14	-7777	36.3% a	22	69	51	60	6	1	34.8% a
23	50	34	42	23	0	35.8% a	23	60	43	52	14	-7777	36.3% a	23	69	51	60	6	1	34.7% a
24	50	34	42	23	0	35.8% a	24	60	44	52	13	-7777	36.3% a	24	69	52	61	5	1	34.6% a
25	50	34	42	23	0	35.9% a	25	61	44	52	13	-7777	36.3% a	25	70	52	61	5	1	34.5% a
26	51	35	43	22	0	36.0% a	26	61	44	53	13	-7777	36.2% a	26	70	52	61	5	1	34.5% a
27	51	35	43	22	0	36.0% a	27	61	44	53	12	-7777	36.2% a	27	70	53	61	5	1	34.4% a
28	51	35	43	22	0	36.1% a	28	62	45	53	12	-7777	36.1% a	28	70	53	62	4	1	34.4% a
29	52	35	44	21	-7777	36.2% a	29	62	45	53	12	-7777	36.0% a	29	71	53	62	4	1	34.4% a
30	52	36	44	21	-7777	36.3% a	30	62	45	54	11	-7777	35.9% a	30	71	54	62	4	1	34.3% a
31	52	36	44	21	-7777	36.4% a								31	71	54	63	4	1	34.2% a
MNTH:	47.9	31.6	39.7	783	-7777	5.07 b	MNTH:	57.4	40.9	49.1	477	1	4.54 b	MNTH:	66.9	49.5	58.2	226	15	3.65 b
Spring							Spring	57.4	40.7	49.0	1485	16	13.26 b							
Annual							Annual	60.3	44.1	52.2	5380	705	49.68 b							

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Elev: 39 ft. Lat: 41.351° N Lon: 72.039° 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	72	54	63	4	1	34.1% a	1	80	64	72	-7777	7	29.3% a	1	81	66	74	-7777	8	29.7% a
2	72	55	63	3	2	34.0% a	2	80	64	72	-7777	7	29.2% a	2	81	66	73	-7777	8	29.6% a
3	72	55	64	3	2	33.9% a	3	80	64	72	-7777	7	29.1% a	3	81	66	73	-7777	8	29.6% a
4	72	55	64	3	2	33.8% a	4	80	64	72	-7777	7	29.1% a	4	81	66	73	-7777	8	29.5% a
5	73	56	64	3	2	33.6% a	5	80	64	72	-7777	7	29.1% a	5	81	66	73	-7777	8	29.5% a
6	73	56	65	2	2	33.5% a	6	80	65	73	-7777	8	29.0% a	6	81	66	73	-7777	8	29.4% a
7	73	56	65	2	2	33.3% a	7	81	65	73	-7777	8	28.9% a	7	81	66	73	-7777	8	29.4% a
8	74	57	65	2	2	33.1% a	8	81	65	73	-7777	8	28.9% a	8	81	65	73	-7777	8	29.3% a
9	74	57	66	2	2	32.9% a	9	81	65	73	-7777	8	28.8% a	9	81	65	73	-7777	8	29.2% a
10	74	57	66	2	3	32.8% a	10	81	65	73	-7777	8	28.7% a	10	81	65	73	-7777	8	29.1% a
11	75	58	66	2	3	32.7% a	11	81	65	73	-7777	8	28.7% a	11	81	65	73	-7777	8	29.0% a
12	75	58	66	2	3	32.6% a	12	81	65	73	-7777	8	28.7% a	12	80	65	73	-7777	8	28.8% a
13	75	58	67	1	3	32.4% a	13	81	65	73	-7777	8	28.7% a	13	80	65	73	-7777	8	28.6% a
14	75	59	67	1	3	32.2% a	14	81	66	73	-7777	8	28.8% a	14	80	65	73	-7777	8	28.4% a
15	76	59	67	1	3	32.0% a	15	81	66	73	-7777	8	28.8% a	15	80	65	73	-7777	8	28.2% a
16	76	59	68	1	4	31.8% a	16	81	66	74	-7777	9	28.9% a	16	80	65	72	-7777	7	27.9% a
17	76	60	68	1	4	31.6% a	17	81	66	74	-7777	9	29.0% a	17	80	65	72	-7777	7	27.7% a
18	77	60	68	1	4	31.4% a	18	81	66	74	-7777	9	29.2% a	18	80	65	72	-7777	7	27.5% a
19	77	60	69	1	4	31.2% a	19	81	66	74	-7777	9	29.3% a	19	80	64	72	-7777	7	27.3% a
20	77	61	69	1	4	31.0% a	20	81	66	74	-7777	9	29.4% a	20	80	64	72	-7777	7	27.1% a
21	77	61	69	1	5	30.8% a	21	82	66	74	-7777	9	29.6% a	21	80	64	72	-7777	7	26.9% a
22	78	61	69	-7777	5	30.6% a	22	82	66	74	-7777	9	29.7% a	22	79	64	72	-7777	7	26.8% a
23	78	62	70	-7777	5	30.4% a	23	82	66	74	-7777	9	29.8% a	23	79	64	72	-7777	7	26.7% a
24	78	62	70	-7777	5	30.2% a	24	81	66	74	-7777	9	29.8% a	24	79	64	71	-7777	7	26.5% a
25	78	62	70	-7777	6	30.0% a	25	81	66	74	-7777	9	29.9% a	25	79	64	71	-7777	6	26.4% a
26	79	62	71	-7777	6	29.9% a	26	81	66	74	-7777	9	29.9% a	26	79	63	71	-7777	6	26.4% a
27	79	63	71	-7777	6	29.7% a	27	81	66	74	-7777	9	29.9% a	27	79	63	71	-7777	6	26.4% a
28	79	63	71	-7777	6	29.5% a	28	81	66	74	-7777	9	29.9% a	28	79	63	71	-7777	6	26.4% a
29	79	63	71	-7777	6	29.4% a	29	81	66	74	-7777	9	29.9% a	29	78	63	71	-7777	6	26.5% a
30	79	63	71	-7777	7	29.3% a	30	81	66	74	-7777	9	29.8% a	30	78	63	70	-7777	6	26.5% a
							31	81	66	74	-7777	9	29.8% a	31	78	62	70	-7777	6	26.6% a
MNTH:	75.7	59.1	67.4	40	112	4.08 b	MNTH:	81.0	65.3	73.1	2	255	3.63 b	MNTH:	79.9	64.5	72.2	4	227	4.29 b
							Summer	78.9	63.0	70.9	47	594	12.00 b							
							Annual	60.3	44.1	52.2	5380	705	49.68 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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GHCND:USC00063207
Elev: 39 ft. Lat: 41.351° N Lon: 72.039° 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	78	62	70	1	5	26.7% a	1	68	51	60	6	1	31.3% a	1	58	42	50	15	-7777	31.2% a
2	78	62	70	1	5	26.9% a	2	68	51	59	6	1	31.2% a	2	58	41	50	15	-7777	31.4% a
3	77	62	69	1	5	27.0% a	3	68	50	59	7	1	31.1% a	3	58	41	50	16	-7777	31.6% a
4	77	61	69	1	5	27.1% a	4	67	50	59	7	1	31.0% a	4	58	41	49	16	-7777	31.9% a
5	77	61	69	1	5	27.2% a	5	67	50	58	7	1	30.9% a	5	57	41	49	16	-7777	32.1% a
6	77	61	69	1	4	27.4% a	6	66	49	58	8	1	30.7% a	6	57	40	49	16	-7777	32.3% a
7	76	60	68	1	4	27.6% a	7	66	49	57	8	-7777	30.6% a	7	57	40	48	17	-7777	32.5% a
8	76	60	68	1	4	27.9% a	8	66	48	57	8	-7777	30.5% a	8	56	40	48	17	-7777	32.7% a
9	76	60	68	1	4	28.1% a	9	65	48	57	9	-7777	30.4% a	9	56	40	48	17	-7777	32.9% a
10	76	59	68	1	4	28.3% a	10	65	48	56	9	-7777	30.3% a	10	56	40	48	17	-7777	33.2% a
11	75	59	67	1	4	28.6% a	11	65	47	56	9	-7777	30.1% a	11	56	39	47	18	-7777	33.4% a
12	75	59	67	2	3	28.9% a	12	64	47	56	10	-7777	30.0% a	12	55	39	47	18	-7777	33.5% a
13	75	58	67	2	3	29.2% a	13	64	47	55	10	-7777	29.9% a	13	55	39	47	18	-7777	33.7% a
14	74	58	66	2	3	29.5% a	14	64	46	55	10	-7777	29.9% a	14	55	39	47	18	-7777	33.8% a
15	74	58	66	2	3	29.7% a	15	63	46	55	10	-7777	29.8% a	15	54	38	46	19	-7777	34.0% a
16	74	57	66	2	3	30.0% a	16	63	46	54	11	-7777	29.8% a	16	54	38	46	19	-7777	34.1% a
17	73	57	65	2	3	30.2% a	17	63	45	54	11	-7777	29.8% a	17	54	38	46	19	-7777	34.2% a
18	73	57	65	3	2	30.4% a	18	62	45	54	11	-7777	29.8% a	18	53	37	45	20	-7777	34.4% a
19	73	56	64	3	2	30.6% a	19	62	45	54	12	-7777	29.8% a	19	53	37	45	20	-7777	34.5% a
20	72	56	64	3	2	30.8% a	20	62	45	53	12	-7777	29.8% a	20	53	37	45	20	0	34.7% a
21	72	55	64	3	2	30.9% a	21	62	44	53	12	-7777	29.8% a	21	52	37	44	21	0	34.8% a
22	72	55	63	3	2	31.1% a	22	61	44	53	12	-7777	29.9% a	22	52	36	44	21	0	34.9% a
23	71	54	63	4	2	31.2% a	23	61	44	52	13	-7777	30.0% a	23	52	36	44	21	0	35.0% a
24	71	54	62	4	1	31.3% a	24	61	44	52	13	-7777	30.1% a	24	51	36	43	22	0	35.0% a
25	71	54	62	4	1	31.3% a	25	60	43	52	13	-7777	30.2% a	25	51	35	43	22	0	35.1% a
26	70	53	62	5	1	31.4% a	26	60	43	52	14	-7777	30.3% a	26	50	35	43	22	0	35.3% a
27	70	53	61	5	1	31.4% a	27	60	43	51	14	-7777	30.4% a	27	50	35	42	23	0	35.4% a
28	69	52	61	5	1	31.4% a	28	60	43	51	14	-7777	30.5% a	28	50	34	42	23	0	35.4% a
29	69	52	61	6	1	31.3% a	29	59	42	51	14	-7777	30.6% a	29	49	34	42	23	0	35.5% a
30	69	52	60	6	1	31.3% a	30	59	42	51	15	-7777	30.8% a	30	49	34	41	24	0	35.4% a
							31	59	42	50	15	-7777	31.0% a							
MNTH:	73.6	57.2	65.4	75	87	4.16 b	MNTH:	63.2	46.0	54.6	330	8	4.15 b	MNTH:	53.9	37.9	45.9	573	-7777	4.54 b
							Autumn	63.6	47.0	55.3	978	95	12.85 b							
							Annual	60.3	44.1	52.2	5380	705	49.68 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