

RR 60
FILE COPY
NO PROJECT

SELECTED CLIMATES OF NEW HAMPSHIRE

by

Gordon L. Byers, David L. Goodrich

NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION
UNIVERSITY OF NEW HAMPSHIRE
DURHAM, NEW HAMPSHIRE

This publication is the result of the research program of the Institute of Natural and Environmental Resources. The Institute is a multidisciplinary group of scientists involved in a coordinated program of research, teaching, and extension. The research effort involves investigations in problems related to the environment, economics of agriculture and other natural resources, the efficient use and conservation of water and soil, and regional and community planning and development.

Programs of the New Hampshire Agricultural Experiment Station are open to all persons without regard to race, color, national origin or sex. The University of New Hampshire is an Affirmative Action/Equal Opportunity Employer.

ABSTRACT

The temperature and precipitation data presented are a collection of climatological data which are representative of climate variability in the state of New Hampshire.

Maximum and minimum temperatures, average temperature and precipitation are presented on a monthly and annual basis. Interesting facts such as the greatest daily maximum and minimum temperature, greatest daily and annual precipitation, greatest daily and monthly snowfall and the year of occurrence are presented for each station.

Key Words: climate, temperature, precipitation, extremes.

Table of Contents

	Page
Introduction	1
Weather Stations	
Durham	3
Hanover	7
Keene	11
Concord Airport	15
Lakeport	19
Lebanon Airport	23
Massabesic Lake	27
Mt. Washington Observatory	31
Pinkham Notch	35
Conway	39
Benton 5. S.W.	43
Peterboro 2S.	47
First Connecticut Lake	51
Lancaster	55

Source of Data: Climatological Data
U. S. Department of Commerce
National Oceanic and Atmospheric Administration .

SELECTED CLIMATES OF NEW HAMPSHIRE

by

Gordon L. Byers, David L. Goodrich^{1/}

INTRODUCTION

Weather is everyone's business. It is probably the most talked about topic in society. Weather influences our moods, how much we enjoy our vacation, but, perhaps, most importantly of all, the production of food.

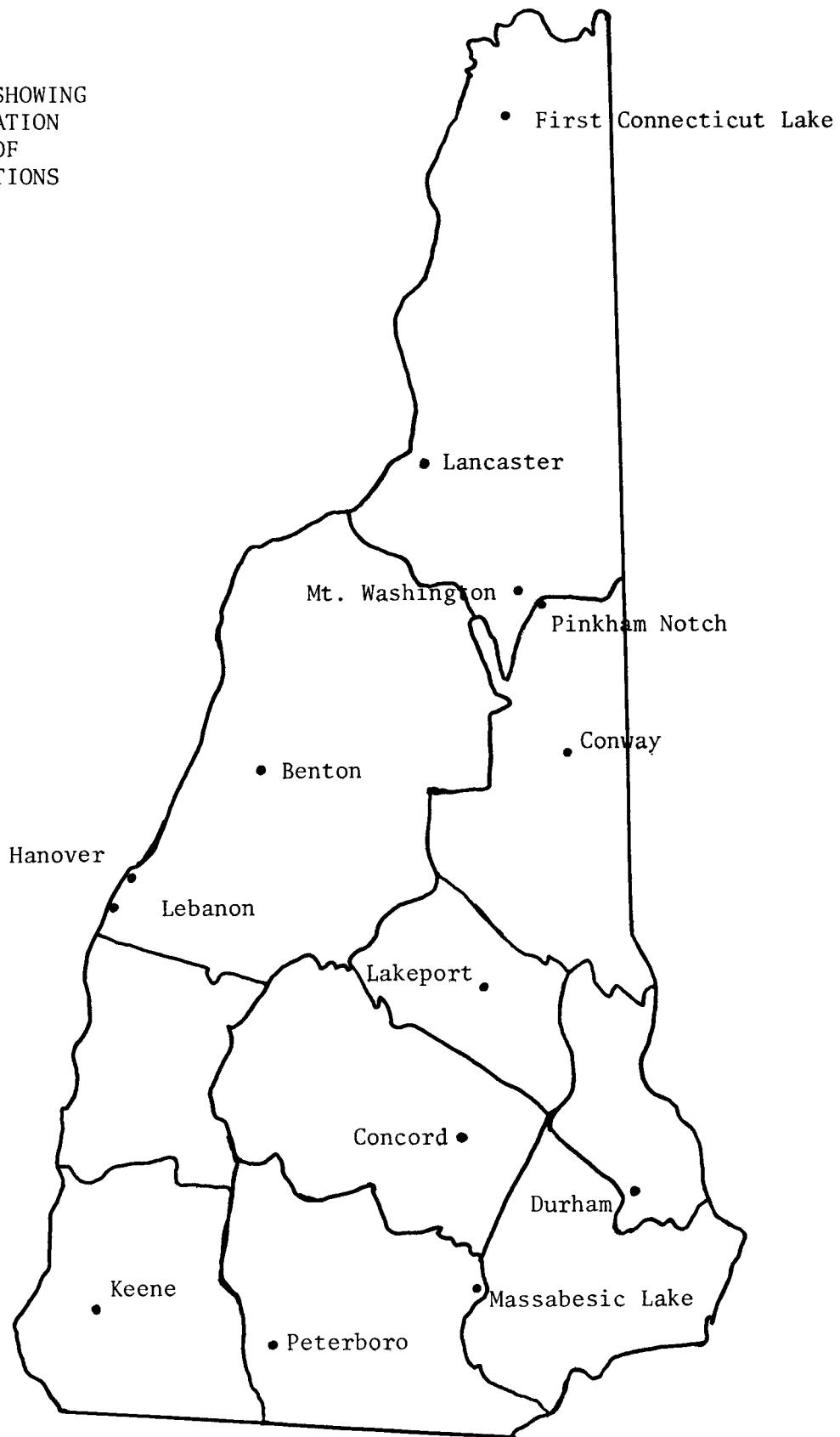
The purpose of this publication was to assemble weather data, principally temperature and precipitation recorded at official weather stations located (scattered) throughout New Hampshire and present it in as useful a format as possible. No attempt is made to predict future weather conditions. The data, however, does provide a reference for what can be expected on a monthly and annual basis.

Historically, weather observations in New Hampshire were first recorded at Dartmouth College, Hanover, in November, 1834. In 1871, weather observations and the recording of data were begun at the Mount Washington Weather Observatory. In 1885, an official weather observation station was established at the University of New Hampshire, Durham.

Three of the stations included in this publication, namely, Durham, Hanover, and Keene each provided forty-five years of uninterrupted records. Unfortunately, due to the severe weather conditions at the summit of Mount Washington, the recording of data was often interrupted, consequently, only twenty years of uninterrupted records are presented. The remaining stations selected provided records ranging from five years to twenty years.

^{1/} Respectively, Professor of Soil and Water Science and Graduate Student, Institute of Natural and Environmental Resources, University of New Hampshire.

MAP SHOWING
LOCATION
OF
STATIONS



DURHAM

(1931 - 1976)

MONTHLY TEMPERATURE EXTREMES RECORDED
AT DURHAM, N. H.
FOR THE PERIOD 1931-1976

(Highest)			(Lowest)		
<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>	<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
68	**	1950	JANUARY	1935	** -35
69	26	1957	FEBRUARY	1943	** -30
87	**	1946	MARCH	1967	19 -18
95	**	1941	APRIL	1964+	1 9
94	19	1962+	MAY	1969+	2 23
99	**	1944	JUNE	1967+	1 30
100	**	1949+	JULY	1965	7 35
102	2	1975+	AUGUST	1965	31 28
99	**	1953	SEPTEMBER	1941	** 21
90	**	1947	OCTOBER	1936	** 11
80	**	1950	NOVEMBER	1938	** -13
66	1	1962+	DECEMBER	1933	** -31

** Dates not available.

+ Also recorded on earlier dates.

CLIMATE HIGHLIGHTS

1. The average temperature at Durham has been 47.1° F.
2. The maximum temperature recorded during the 45 years was 102° on August 2, 1975.
3. The lowest temperature recorded during this time was -35° in January of 1935.
4. Total precipitation averaged 41.89 inches per year.
5. The greatest annual precipitation during the 45 years was 60.18 inches in 1954.
6. The greatest rainfall in a single day was 6.49 inches in September of 1954.
7. Annual snowfall have averaged 58.7".
8. The maximum monthly snowfall was 49" in February of 1969.
9. The greatest daily snowfall was 24" in April of 1933.
10. Precipitation totaling .1" or more falls an average of 82 days during the year.

LATITUDE 43° 08'
LONGITUDE 70° 56'
ELEV. (GROUND) 70'

CLIMATOLOGICAL SUMMARY

STATION: DURHAM NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1931-1975

(a) Average length of record, years.

T Trace, an amount too small to measure.

* 1000 000 000 000

* * Base 65°F

DURHAM, N. H.

DURHAM, N. H.

Total Precipitation (Inches)

Average Temperature (°F)

Year	Temperature (°F)											Precipitation (Inches)																
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual			
1931	2.38	2.41	3.95	2.49	3.03	5.52	2.20	3.70	2.24	2.62	1.25	4.28	36.07	1931	24.0	26.2	36.2	45.6	56.3	65.0	70.8	68.0	65.4	53.1	43.8	30.5		
1932	3.69	2.18	2.06	2.20	2.33	2.55	6.89	3.11	6.15	3.75	3.84	1.15	33.60	1932	31.7	22.8	32.2	44.6	56.8	64.2	67.9	69.6	62.4	51.6	37.2	30.8	47.6	
1933	2.40	3.09	5.06	12.49	2.11	1.85	4.61	4.24	4.21	5.62	1.31	2.45	49.44	1933	32.2	29.8	32.6	43.4	56.4	66.3	68.2	68.0	61.4	49.6	33.6	21.6	46.9	
1934	2.77	1.79	2.21	4.71	3.37	3.57	2.38	1.21	7.0	2.63	2.49	3.17	37.70	1934	24.5	14.5	33.4	45.8	57.0	65.6	70.4	65.5	63.0	47.2	41.5	25.2	46.2	
1935	7.34	2.64	1.59	2.86	1.35	6.67	2.13	1.50	4.38	0.92	4.58	1.41	37.37	1935	18.0	22.2	35.2	43.5	52.1	63.4	71.1	69.1	58.9	50.0	42.8	24.0	45.9	
1936	3.18	2.22	8.87	4.23	2.07	1.58	2.58	2.95	1.40	2.24	1.29	7.61	45.22	1936	22.8	17.8	39.6	43.6	59.6	65.4	67.8	67.2	60.6	47.2	35.0	30.2	46.4	
1937	4.12	3.58	3.73	4.87	3.29	4.42	0.67	5.48	3.85	5.12	7.17	5.73	52.03	1937	31.7	30.6	30.4	42.8	57.2	64.9	70.2	72.5	60.0	48.8	38.6	25.6	47.8	
1938	4.07	2.86	2.95	2.79	3.89	4.54	11.82	2.11	8.44	3.56	2.61	3.91	53.55	1938	20.9	27.0	34.0	47.0	52.4	65.2	69.6	70.4	58.2	52.6	41.0	28.6	47.2	
1939	2.32	2.08	5.18	4.80	1.76	2.85	1.19	5.08	1.67	4.12	0.15	2.13	33.30	1939	22.6	24.5	28.0	39.0	54.1	63.0	69.8	70.6	60.8	50.8	36.1	27.6	45.6	
1940	3.11	2.78	4.35	4.75	2.38	4.48	5.43	0.93	4.82	0.24	6.92	3.61	43.80	1940	17.9	25.8	29.2	41.2	54.6	63.6	69.6	65.3	59.6	47.1	38.5	28.6	45.1	
1941	1.34	2.96	1.95	0.40	3.42	1.00	2.47	1.33	0.97	2.50	3.22	2.39	23.95	1941	22.2	25.7	29.8	50.2	57.1	65.8	71.3	66.2	62.8	51.4	42.2	30.4	47.9	
1942	2.53	2.90	8.65	2.12	1.56	3.78	5.99	2.12	4.52	6.19	4.07	4.07	44.07	1942	25.2	24.1	38.8	46.0	59.3	64.9	68.4	67.3	61.6	51.1	40.4	25.3	47.7	
1943	2.01	1.96	2.47	3.68	1.15	5.74	3.68	1.00	4.83	4.53	0.99	36.58	1943	21.1	27.6	33.6	42.4	57.2	68.4	71.2	66.8	58.6	50.2	38.0	23.2	46.5		
1944	2.48	3.46	4.43	3.84	1.08	4.24	3.39	0.89	7.21	5.12	5.95	3.58	43.67	1944	24.6	23.2	30.8	40.7	58.8	64.2	70.1	71.5	61.5	48.5	38.8	24.2	46.4	
1945	3.87	4.19	1.86	2.95	7.10	5.86	4.30	2.63	1.77	2.86	5.84	5.97	49.14	1945	17.6	25.0	40.9	49.3	51.6	64.0	69.2	67.0	62.4	47.2	38.4	22.4	46.2	
1946	3.72	3.24	1.41	3.11	4.68	2.14	2.67	8.80	3.23	1.50	1.09	4.00	39.59	1946	20.6	20.0	42.4	42.6	54.2	64.2	68.2	64.9	62.4	52.6	42.1	27.4	46.8	
1947	3.65	1.83	4.38	3.53	3.45	4.53	5.99	0.72	2.01	0.37	5.26	1.82	37.54	1947	24.2	25.6	34.4	43.4	54.2	61.8	72.6	70.6	60.5	56.0	36.5	23.4	46.9	
1948	2.80	1.82	2.35	2.51	5.04	5.43	3.54	1.95	0.46	2.46	6.10	2.42	36.88	1948	17.3	20.5	33.4	43.9	52.7	62.8	71.0	70.8	63.5	50.4	44.8	31.1	46.9	
1949	3.45	2.42	1.27	4.80	2.91	1.47	1.52	6.24	5.08	4.44	1.37	33.66	1949	20.7	29.8	37.0	48.5	57.6	68.8	74.3	70.7	59.7	54.0	40.9	29.7	47.8		
1950	4.36	2.74	4.37	2.36	1.04	2.01	1.17	5.55	2.25	3.71	6.07	4.29	39.92	1950	30.6	21.7	29.7	43.5	55.7	66.6	71.4	68.2	57.6	52.0	43.7	30.4	47.6	
1951	3.27	4.40	6.23	3.39	3.65	2.08	3.71	4.48	2.87	3.90	8.21	4.93	51.12	1951	27.9	29.7	36.0	48.4	57.2	63.4	71.1	68.1	61.9	50.7	37.0	28.8	43.6	
1952	5.14	4.59	3.91	5.56	3.61	1.70	4.67	4.44	2.74	6.27	4.92	4.92	44.97	1952	26.1	28.4	33.8	47.7	54.8	67.9	74.5	69.6	63.1	52.7	46.7	34.8	46.9	
1953	5.76	3.21	10.82	5.48	3.44	2.01	4.98	2.20	4.64	3.32	4.80	1.78	44.55	1953	29.9	30.7	37.6	46.2	57.5	66.9	70.9	68.2	62.8	52.7	45.1	35.2	50.2	
1954	2.76	3.06	3.92	4.42	12.00	2.62	3.26	5.51	8.40	2.31	5.65	6.27	60.18	1954	21.0	32.0	35.4	47.5	53.7	64.9	68.8	66.8	59.7	54.0	40.9	29.7	47.8	
1955	0.79	4.62	4.09	2.57	2.07	4.96	1.64	5.67	2.20	7.34	4.16	0.97	41.08	1955	23.8	28.7	33.0	47.3	55.9	65.1	67.2	67.0	59.1	51.0	37.7	21.1	48.0	
1956	6.74	3.94	5.62	3.59	2.14	2.10	2.96	1.18	3.79	3.34	3.54	4.14	43.08	1956	27.6	28.1	27.8	42.2	53.3	67.1	67.8	68.0	57.4	50.0	41.2	29.8	46.8	
1957	1.92	1.16	1.49	1.78	2.68	1.55	2.87	1.97	1.20	3.03	5.32	4.48	29.45	1957	16.8	30.5	36.1	48.2	58.1	67.9	70.0	66.2	63.4	51.2	43.2	34.8	48.8	
1958	9.68	1.65	2.21	4.85	2.43	2.01	4.98	2.20	4.64	3.32	4.80	1.78	44.55	1958	26.5	22.1	36.5	47.0	54.7	62.7	70.2	69.8	61.8	49.0	40.6	21.2	46.5	
1959	2.55	2.94	4.74	2.95	0.96	6.28	3.38	3.85	2.16	6.78	4.53	4.25	45.37	1959	23.6	22.5	33.2	46.3	60.9	63.6	62.3	69.6	62.0	57.6	50.0	37.5	46.5	
1960	2.57	5.20	2.63	4.36	5.37	1.49	6.69	3.25	7.27	2.57	3.19	3.30	47.89	1960	25.0	30.5	28.6	45.4	55.9	65.1	67.2	67.0	59.1	48.0	40.7	23.4	46.3	
1961	2.50	3.04	2.54	6.29	2.90	3.66	4.42	3.45	5.01	1.92	4.42	3.31	43.46	1961	16.8	27.8	33.3	43.6	53.4	64.3	68.4	66.6	66.4	53.0	41.3	27.6	46.9	
1962	2.44	3.33	2.35	4.07	2.58	3.35	3.59	2.05	2.76	10.50	4.21	5.16	46.39	1962	22.2	19.9	35.3	45.8	52.6	64.9	66.1	66.8	59.7	50.2	49.2	37.8	45.2	
1963	4.88	3.05	3.59	1.29	3.70	1.29	2.59	3.39	3.56	2.35	8.31	2.00	37.60	1963	23.8	20.8	34.2	44.9	55.7	65.1	71.3	65.6	58.0	53.7	45.0	19.5	46.5	
1964	4.85	2.27	3.64	3.11	1.09	1.22	5.66	2.30	0.74	2.53	4.63	3.48	35.52	1964	24.4	23.8	34.4	42.9	56.4	64.2	69.0	62.0	57.6	50.0	37.5	26.6	45.7	
1965	1.15	5.10	1.38	2.85	3.97	1.49	3.97	1.37	3.33	2.09	2.78	2.98	1.89	30.38	1965	21.7	24.2	33.4	42.0	56.3	63.6	67.3	67.8	60.3	49.1	37.5	28.9	46.0
1966	7.05	2.88	2.80	1.09	3.37	3.65	3.19	2.75	5.65	3.73	4.74	3.13	44.03	1966	21.7	26.4	36.8	41.8	52.8	64.9	69.5	67.1	57.3	47.7	41.5	28.2	46.3	
1967	1.86	2.79	3.96	5.74	3.63	5.62	0.68	2.43	1.98	2.32	1.29	1.97	6.11	1967	27.7	20.6	29.1	46.5	59.7	70.0	68.3	59.7	50.2	35.7	28.4	45.8		
1968	2.58	1.15	4.47	2.80	2.93	5.62	0.68	2.43	1.98	2.61	8.12	6.16	41.53	1968	23.3	19.7	34.5	50.2	52.6	61.2	71.2	66.2	52.3	36.4	25.0	46.3		
1969	2.59	3.85	2.82	1.08	2.98	2.33	4.17	3.06	4.58	1.94	8.00	9.10	46.50	1969	23.9	30.3	44.8	52.7	65.0	67.7	69.7	60.9	49.5	40.6	27.7	46.5		
1970	0.60	4.10	2.85	3.73	2.91	3.55	1.81	3.06	3.49	4.94	3.25	3.62	37.91	1970	16.1	26.5	32.2	44.7	58.0	64.7	70.9	69.8	60.8	52.1	40.6	23.8	46.7	
1971	1.82	4.85	2.74	2.39	3.47	1.87	4.33	1.57	2.68	3.43	5.17	3.19	37.51	1971	14													

HANOVER
(1931 - 1975)

MONTHLY TEMPERATURE EXTREMES RECORDED
AT HANOVER, N.H.
FOR THE PERIOD 1931-1975

(Highest)			(Lowest)		
<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>	<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
62	**	1932	JANUARY	1957+	** -28
62	26	1957	FEBRUARY	1943	** -40
83	**	1946	MARCH	1950+	** -22
91	**	1941	APRIL	1964	1 7
93	19	1962	MAY	1956+	** 22
96	**	1953	JUNE	1958+	** 32
99	**	1953	JULY	1946	** 39
103	2	1975	AUGUST	1965	31 33
95	**	1953	SEPTEMBER	1947	** 22
87	7	1963	OCTOBER	1936	** 13
79	**	1950	NOVEMBER	1938	** -12
65	**	1934	DECEMBER	1933	** -34

** Dates not available.

+ Also recorded on earlier dates.

CLIMATE HIGHLIGHTS

1. The average temperature at this station has been 44.6° F.
2. The maximum temperature recorded in over 100 years of continuous record was 103° on August 2, 1975.
3. The minimum temperature recorded during the 45 years was a -40° in February of 1943.
4. Annual precipitation averaged 36.75 inches.
5. The greatest annual precipitation recorded between 1931 and 1975 was 46.86 inches in 1954.
6. The greatest precipitation in one day was 4.7 inches in June of 1933.
7. Yearly snowfall averaged 76.2 inches.
8. The greatest snowfall in one month during the 45 years was 49.5" in February of 1958.
9. The greatest snowfall in a single day was 24.5" on February 16, 1958.
10. Precipitation totaling .1" or more falls an average of 82 days during the year.

HANOVER, N. H.

HANOVER, N. H.

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average Temperature (°F)
1931	1.63	1.16	1.98	2.38	4.26	5.85	7.38	2.47	4.83	2.81	1.41	3.27	39.43
1932	2.00	3.24	2.46	1.11	2.42	2.78	4.45	3.57	3.13	4.79	1.16	34.87	30.0
1933	1.94	2.59	3.40	6.26	1.83	5.90	1.37	4.96	2.81	3.82	1.62	3.13	39.63
1934	2.27	2.04	1.90	4.91	2.37	3.41	3.93	1.31	4.88	1.77	4.20	3.12	36.11
1935	5.11	2.05	1.43	2.58	2.02	4.56	4.40	2.90	4.20	.93	4.49	1.00	35.67
1936	4.74	2.16	5.63	3.98	2.60	2.19	3.74	4.42	1.41	5.01	2.11	4.15	42.14
1937	3.20	2.13	3.49	3.08	6.44	4.20	6.69	1.97	1.08	3.70	3.09	3.02	42.09
1938	3.35	2.04	1.37	2.29	2.10	1.87	2.10	5.96	4.91	8.88	2.21	2.82	4.00
1939	3.04	2.98	2.36	4.03	1.79	2.32	1.32	2.27	2.54	4.48	1.00	2.46	31.19
1940	1.00	2.85	3.90	3.47	4.60	1.82	5.19	2.19	1.42	4.65	.84	4.51	3.01
1941	1.55	1.53	2.03	.49	2.41	2.22	9.17	3.08	2.98	2.28	2.56	31.30	19.41
1942	1.30	4.16	2.57	5.54	3.72	4.66	4.39	2.05	4.84	2.85	34.75	19.42	19.0
1943	1.28	1.75	3.27	4.17	3.60	4.95	5.87	1.88	4.94	5.36	.61	39.93	19.43
1944	1.70	2.40	2.94	2.76	2.54	5.19	2.41	.90	4.76	3.05	2.42	1.69	32.76
1945	3.53	2.56	1.59	5.02	4.88	4.17	6.06	.70	4.03	4.37	5.30	3.23	45.49
1946	2.24	2.16	1.26	2.46	4.23	2.96	2.80	4.73	4.68	2.70	1.67	3.70	19.46
1947	3.60	2.17	2.43	1.84	5.05	4.63	3.93	1.50	.78	.45	4.61	2.31	33.30
1948	2.67	1.78	2.41	3.33	4.39	2.79	4.57	2.86	1.31	2.19	5.26	2.96	36.52
1949	3.07	2.02	1.70	2.16	2.39	3.07	4.74	3.08	4.74	3.08	3.62	2.47	1.94
1950	3.81	2.36	3.01	1.95	1.45	2.50	2.94	3.94	1.55	1.77	4.81	2.14	32.23
-10	1.73	4.45	4.07	5.69	2.07	5.52	3.20	5.21	3.67	1.28	2.51	4.46	45.53
1951	1.88	1.87	4.98	3.87	4.38	4.43	1.99	3.16	1.97	3.69	2.18	2.89	3.30
1952	4.21	1.87	4.98	3.87	4.38	4.43	1.99	3.16	1.97	3.69	2.18	2.89	3.30
1953	2.77	3.74	3.54	4.36	6.82	4.98	4.34	3.10	4.80	1.51	4.33	2.57	46.86
1954	.99	3.28	2.82	2.45	3.38	3.21	4.41	8.92	1.77	2.98	2.78	5.57	5.76
1955	2.59	3.61	2.37	4.48	4.23	2.26	3.85	1.64	1.64	1.32	1.94	1.53	38.53
1956	3.15	2.45	4.44	3.05	3.37	2.77	4.03	2.22	4.92	.99	2.17	3.81	37.37
1957	1.66	1.18	1.47	1.45	2.26	3.51	4.89	.91	3.64	1.79	4.91	4.45	44.52
1958	6.62	3.51	2.09	3.24	3.26	1.28	3.54	2.64	2.64	3.45	2.76	1.05	36.08
1959	3.31	2.71	3.16	1.68	1.73	3.22	1.65	6.29	2.78	5.57	5.76	3.22	41.08
1960	2.59	3.61	2.37	4.48	4.23	2.26	3.85	1.64	1.64	1.32	1.94	1.53	38.53
1961	1.44	2.45	2.20	4.35	3.04	1.81	2.51	3.05	2.17	2.94	3.24	2.44	39.43
1962	2.39	2.13	2.45	1.31	2.54	2.95	2.31	4.12	3.23	2.66	2.47	2.27	39.43
1963	1.05	2.35	1.39	3.71	5.16	1.85	4.27	2.99	1.61	5.08	2.24	4.15	45.50
1964	2.55	1.83	2.50	1.85	2.19	1.47	1.21	2.21	1.75	.26	1.71	1.71	44.42
1965	1.66	1.24	4.67	2.66	2.46	1.06	2.24	4.27	.67	1.33	3.01	3.55	31.48
1966	2.02	3.05	3.04	3.60	2.63	3.58	7.31	4.64	1.80	1.78	5.94	5.83	44.22
1967	1.45	2.12	2.55	3.19	3.64	3.24	1.58	2.64	4.45	2.43	1.72	3.08	31.09
1968	1.96	1.08	3.28	2.39	6.31	4.14	2.15	1.73	3.81	1.93	5.31	5.09	39.18
1969	2.02	3.05	3.04	3.60	2.63	3.58	7.31	4.64	1.80	1.78	5.94	5.83	44.22
1970	1.45	2.12	2.55	3.19	3.64	3.24	1.58	2.64	4.45	2.43	1.72	3.08	31.09
1971	1.97	2.74	3.35	1.37	3.06	1.70	4.65	4.28	2.92	3.63	2.89	35.89	44.22
1972	1.81	2.61	3.89	3.34	3.33	4.78	5.70	2.48	1.90	3.00	5.45	5.71	43.00
1973	3.20	1.61	2.13	4.54	5.50	7.00	1.88	3.45	2.62	2.43	2.93	7.69	44.98
1974	5.31	2.37	3.27	3.00	3.57	2.15	2.46	3.84	5.73	1.16	3.42	2.16	36.44
1975	3.22	2.21	2.09	2.62	.88	3.69	4.49	4.29	3.96	5.85	4.53	3.14	40.97

~~KEENE~~
(1921 - 1975)

MONTHLY TEMPERATURE EXTREMES RECORDED
AT KEENE, N. H.
FOR THE PERIOD 1931-1975

(Highest)			(Lowest)		
<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>	<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
66	**	1932	JANUARY	1935	** -31
65	26	1957	FEBRUARY	1943	** -32
85	**	1946	MARCH	1967	19 -17
91	**	1941	APRIL	1965	1 6
95	19	1962	MAY	1966+	3 22
98	30	1964+	JUNE	1932	** 27
99	3	1966	JULY	1936	** 34
102	**	1955	AUGUST	1941	** 27
101	**	1953	SEPTEMBER	1963	24 21
90	7	1963	OCTOBER	1936	** 10
80	**	1950	NOVEMBER	1938	** -15
63	**	1949+	DECEMBER	1933	** -29

** Dates not available.

+ Also recorded on earlier dates.

CLIMATE HIGHLIGHTS

1. The average annual temperature at Keene between 1931 and 1975 was 46.5 F.
2. The record high temperature during this time was 102° in August of 1955.
3. The record low temperature was -32° in February of 1943.
4. Total precipitation averaged 40.15 inches per year.
5. The greatest annual precipitation total was 52.72 inches.
6. The greatest rainfall recorded in a single day was 3.56 inches on October 25, 1959.
7. Annual snowfall averaged 64.9".
8. The maximum recorded snowfall in a single month was 42" in March of 1956.
9. The greatest snowfall in one day was 19.3" in April of 1933.
10. Precipitation totaling .1" or more falls an average of 83 days during the year.

LATITUDE 42° 55'
 LONGITUDE 72° 17'
 ELEV. (GROUND) 490 ft.

STATION: KEENE, NEW HAMPSHIRE

CLIMATOLOGICAL SUMMARY

MEANS AND EXTREMES FOR PERIOD 1931-1975

Temperature ($^{\circ}$ F)												Precipitation Totals (Inches)												Mean number of days											
Means				Extremes				Record				Yearly				Snow, Sleet				Temperatures				Minimum											
Month	Yearly	Monthly	Day	Year	Record	Extremes	Year	Record	Extremes	Year	Max.	Min.	Year	Max.	Min.	Year	Max.	Min.	Year	Max.	Min.	Year	Max.	Min.	Year	Max.	Min.	Year	Max.	Min.	Year				
(a)	45	45	45	45	45	-31	1935	1.324	3.06	1936	16.9	1.89	1945	45	45	45	45	45	1963	7	0	15	30	7	Jan	12.0+	10.3	Feb	15.3	12.3	Mar				
Jan	32.7	11.3	22.5	66	1932	1943	1161	2.60	1.60	1951	15.8	37.5	1962	45	45	45	45	45	1969	6	0	10	27	6	Feb	12.0	10.3	Mar	19.3	17.3	Apr				
Feb	35.1	12.4	24.1	65	1957	-32	1943	3.20	2.12	1946	12.1	42.0	1956	45	45	45	45	45	1939	7	0	3	27	1	Mar	19.3	17.3	Apr	19.3	17.3	May				
Mar	43.6	22.3	32.9	85	1946	-17	1967	987	3.42	1.93	1970	3.3	21.0	1933	45	45	45	45	45	1935	8	*	0	15	0	Apr	19.3	17.3	May	19.3	17.3	Jun			
Apr	57.6	32.0	45.0	91	1941	6	1965	596	3.42	1.93	1970	3.3	21.0	1933	45	45	45	45	45	1967	8	*	0	6	0	May	19.3	17.3	Jun	19.3	17.3	Jul			
May	70.3	42.2	56.4	95	1962	22	1966+	280	3.58	2.27	1937	T	2.8	1967	45	45	45	45	45	1967	8	*	0	3	0	Jun	19.3	17.3	Jul	19.3	17.3	Aug			
Jun	78.6	52.0	65.2	98	1964+	27	1932	62	3.78	3.04	1969	0	0	1969	45	45	45	45	45	1967	8	*	0	3	0	Aug	19.3	17.3	Sep	19.3	17.3	Oct			
Jul	83.1	56.7	69.8	99	1966	34	1936	12	3.65	2.78	1935	0	0	1935	45	45	45	45	45	1963	0	T	0	6	1	Sep	19.3	17.3	Oct	19.3	17.3	Nov			
Aug	81.0	54.7	67.8	102	1955	27	1940	32	3.36	2.92	1962	0	0	1962	45	45	45	45	45	1934	2.4	0	0	6	1	Oct	19.3	17.3	Nov	19.3	17.3	Dec			
Sep	73.2	47.5	60.4	101	1953	21	1963	166	3.60	3.44	1954	0	0	1954	45	45	45	45	45	1948	1.2	0	0	12	0	Nov	19.3	17.3	Dec	19.3	17.3	Jan			
Oct	62.8	36.7	49.8	90	1963	10	1936	465	2.77	3.56	1959	0.1	2.4	1959	45	45	45	45	45	1967	7	0	1	20	1	Jan	19.3	17.3	Feb	19.3	17.3	Mar			
Nov	48.3	28.7	38.5	80	1950	-15	1938	789	3.73	3.15	1950	3.4	18.3	1956	45	45	45	45	45	1967	7	0	12	28	4	Mar	19.3	17.3	Apr	19.3	17.3	May			
Dec	35.1	16.8	26.1	63	1949+	-29	1935	1203	5.40	1.99	1941	13.3	31.9	1956	45	45	45	45	45	1967	7	0	12	28	4	May	19.3	17.3	Jun	19.3	17.3	Jul			
Year	58.5	34.4	46.5	102	1955	-32	Feb.	7077	40.15	3.56	Oct.	64.9	42.0	Mar.	45	45	45	45	45	1956	19.3	11	41	83	11	Jul	19.3	17.3	Aug	19.3	17.3	Sep			

(a) Average length of record, years.

T Trace, an amount too small to measure.

** Base 65°F.

* Also on earlier dates, months or years.

* Less than one half.

KEENE, N. H.

KEENE, N. H.

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1931	2.03	1.40	3.99	3.64	5.02	4.14	4.68	3.52	3.38	2.73	1.11	3.68	39.32
1932	3.88	2.08	3.21	2.73	1.98	1.94	2.26	3.37	3.67	3.46	5.09	1.26	34.93
1933	2.38	3.02	4.18	6.65	1.86	1.41	1.71	6.72	5.50	4.38	1.38	3.04	42.23
1934	2.61	2.79	2.18	4.05	2.25	4.87	3.01	2.84	5.67	2.08	2.94	3.42	38.71
1935	5.50	2.30	1.29	3.02	1.52	5.22	4.17	2.54	4.63	.84	4.55	1.37	36.95
1936	5.95	2.09	7.60	4.03	1.97	2.47	4.33	3.97	1.13	4.32	2.23	5.52	45.61
1937	4.07	2.34	3.71	3.39	7.02	4.85	3.47	3.60	2.75	3.93	5.23	2.25	46.61
1938	4.91	1.33	1.47	2.87	2.92	4.18	8.43	3.14	10.39	2.45	2.56	3.84	48.49
1939	2.87	3.48	3.87	4.69	1.44	3.12	1.90	3.74	2.68	3.77	.54	2.94	35.04
1940	1.89	2.58	3.67	5.38	5.62	2.36	3.00	2.30	2.40	.87	5.36	3.76	39.19
1941	1.85	1.48	1.42	.35	3.80	4.00	5.27	1.65	2.94	2.22	2.90	3.01	30.89
1942	2.15	1.73	5.40	1.42	3.94	3.74	6.23	1.87	2.96	2.62	4.75	3.81	40.62
1943	2.14	1.69	2.36	3.60	4.35	2.29	2.78	2.57	1.15	4.21	5.98	.51	33.63
1944	1.66	2.20	4.01	3.13	1.71	6.41	3.14	1.51	6.60	1.98	2.47	2.04	36.86
1945	3.79	6.21	6.21	7.54	5.43	1.93	2.06	2.46	3.49	3.37	47.90		
1946	2.33	2.21	-98	2.27	6.30	2.83	3.08	4.06	4.50	1.60	1.22	4.50	35.88
1947	3.43	2.22	3.36	3.26	3.41	4.54	6.27	1.49	2.55	1.43	5.80	2.16	39.92
1948	2.61	2.21	2.93	3.82	5.93	6.41	3.88	2.09	2.20	1.27	5.33	2.63	39.31
1949	4.04	1.80	2.01	2.96	5.65	2.68	6.65	3.43	6.21	2.01	2.14	3.00	36.49
1950	4.82	2.79	2.25	3.49	2.30	3.08	2.29	4.82	4.50	1.51	6.87	3.04	41.76
1951	2.62	5.94	5.07	3.66	2.34	4.58	4.49	3.51	5.43	4.02	5.23	4.31	51.20
1952	4.30	2.70	2.46	3.36	3.54	4.82	1.79	2.72	3.05	1.30	1.72	3.23	34.99
1953	5.79	2.77	6.60	4.62	5.35	1.93	5.52	4.91	1.82	4.65	2.86	5.07	49.89
1954	2.99	2.33	3.70	4.42	5.91	4.68	4.27	3.18	5.91	2.11	4.82	3.16	47.48
1955	.85	3.87	4.10	2.40	2.68	4.53	1.61	7.59	2.06	5.46	4.08	.89	40.12
1956	3.96	3.73	4.85	4.83	1.36	3.25	3.27	1.36	5.74	1.39	3.44	4.56	41.74
1957	1.93	1.22	2.84	2.23	4.14	2.23	2.32	1.11	3.26	1.92	4.51	6.36	34.27
1958	6.50	2.02	2.35	3.35	2.88	2.04	4.16	2.14	3.65	2.01	4.25	1.42	36.77
1959	3.93	2.54	3.65	3.31	1.50	3.58	2.82	5.95	1.81	7.84	6.51	3.50	46.94
1960	2.75	3.79	3.27	5.34	5.02	4.48	4.71	2.83	7.11	2.88	2.72	47.08	
1961	2.81	2.25	3.84	3.14	2.29	4.16	1.59	2.58	2.40	3.80	4.26	2.71	33.95
1962	5.21	2.87	1.36	3.03	3.14	3.25	4.22	2.89	2.94	2.35	2.67	40.15	
1963	2.71	2.67	2.33	1.51	5.62	1.92	2.45	3.23	2.84	.98	5.76	2.18	31.02
1964	4.83	1.89	5.70	2.92	1.46	1.73	1.73	3.73	.28	1.51	3.67	3.67	29.27
1965	1.46	2.35	1.34	2.42	1.41	1.25	2.79	5.32	4.59	2.19	2.36	1.60	29.10
1966	2.34	2.38	2.54	1.21	2.41	1.59	2.58	2.40	3.80	4.26	2.85	2.71	31.06
1967	1.17	3.05	2.14	4.11	6.87	3.60	5.83	3.77	1.95	2.65	2.86	4.78	42.78
1968	1.48	1.05	4.18	1.80	3.85	7.69	1.12	1.54	2.50	2.44	5.95	5.66	39.26
1969	1.17	4.00	2.11	3.70	3.24	6.80	6.78	2.21	5.19	1.82	5.41	5.15	45.58
1970	.76	3.13	3.14	3.96	4.74	3.57	1.93	4.05	4.21	2.22	2.41	3.42	37.54
1971	1.85	3.19	2.87	1.98	3.48	2.27	3.48	3.95	1.71	2.63	4.02	2.95	34.38
1972	2.18	3.30	5.11	3.83	4.44	6.17	4.62	3.98	1.62	1.94	5.37	6.12	48.68
1973	4.33	2.27	3.09	4.13	5.35	6.01	2.93	4.25	1.89	2.52	8.86	48.40	46.40
1974	3.82	2.07	4.31	2.69	5.08	2.29	2.14	3.22	6.66	2.01	3.29	2.83	40.41
1975	4.19	3.74	2.67	4.37	1.56	5.24	6.30	5.24	5.64	5.31	4.88	3.50	52.72

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1931	18.3	21.9	32.8	44.2	55.4	63.4	70.4	65.7	62.0	50.5	41.6	28.7	46.2
1932	32.0	23.4	29.0	41.9	54.6	61.9	64.7	66.6	59.4	50.8	35.0	28.0	45.6
1933	29.9	27.2	30.1	43.7	56.9	65.1	68.3	65.8	60.4	47.2	32.2	19.4	45.5
1934	22.8	10.4	29.6	44.7	56.8	64.8	69.0	62.9	62.8	45.0	40.0	23.4	44.4
1935	16.2	20.4	32.9	43.2	50.8	63.6	70.0	66.4	56.7	47.8	41.8	21.2	44.2
1936	19.2	14.8	38.8	41.8	57.0	63.0	66.6	65.4	59.5	48.2	32.9	29.3	44.7
1937	28.8	28.1	28.2	41.9	55.7	64.2	69.2	71.6	58.2	47.3	36.6	24.4	46.2
1938	20.2	27.8	35.2	46.4	52.2	60.6	69.6	72.2	57.2	51.2	38.0	27.0	46.6
1939	20.9	20.3	27.2	40.0	54.8	64.0	67.9	69.0	59.0	49.2	34.5	25.3	44.8
1940	14.2	22.6	28.0	40.6	54.8	64.9	68.4	64.1	57.6	45.0	38.2	27.2	43.6
1941	19.0	24.6	28.8	50.2	57.4	66.0	70.0	64.9	61.2	50.2	40.9	29.8	46.9
1942	22.6	22.4	22.4	37.8	48.4	60.6	66.3	69.0	67.1	61.8	51.1	38.6	47.4
1943	19.6	24.3	31.5	39.6	56.2	68.8	70.8	66.8	57.7	50.4	36.8	22.6	45.0
1944	23.6	23.4	30.0	41.6	61.7	65.1	71.4	69.8	62.4	48.4	37.5	23.6	46.5
1945	16.8	23.8	43.0	51.2	53.7	65.4	70.6	68.0	63.2	47.8	39.7	21.0	47.0
1946	22.2	20.8	43.6	44.0	55.7	64.8	69.2	65.6	62.2	52.6	41.5	27.6	47.5
1947	25.2	23.2	32.4	44.9	56.8	64.2	72.3	72.0	61.9	55.4	35.6	22.9	47.2
1948	16.4	19.8	33.4	48.8	56.0	63.8	70.6	69.8	61.4	49.2	44.1	30.2	46.8
1949	29.9	29.9	35.8	48.5	57.9	70.1	74.2	70.6	59.3	54.1	36.9	28.5	49.5
1950	29.9	22.8	28.7	43.1	56.8	65.9	67.8	65.0	59.7	52.3	41.5	28.6	47.1
1951	26.2	29.2	35.4	47.0	57.1	63.8	70.3	67.4	60.6	52.1	35.0	26.7	47.6
1952	25.8	27.9	33.3	48.3	53.7	67.1	73.0	69.2	62.3	47.0	39.1	29.8	48.0
1953	28.9	30.1	36.4	45.9	58.7	67.8	72.2	69.8	67.2	51.5	41.8	32.8	49.3
1954	21.1	32.4	34.9	47.8	54.8	66.1	72.4	72.4	67.9	53.5	39.3	28.1	47.4
1955	22.4	27.2	32.3	47.4	60.2	65.4	74.1	72.3	60.0	50.4	37.0	20.2	47.4
1956	25.9	26.3	27.7	41.1	52.0	66.3	67.3	67.4	67.4	62.2	49.4	32.9	47.8
1957	15.8	28.3	35.0	48.0	56.6	68.7	68.6	65.9	62.2	50.5	34.3	28.2	46.0
1958	23.7	19.3	36.4	47.0	53.8	61.1	70.1	68.9	60.5	57.1	44.2	34.3	45.5
1959	23.8	23.5	35.2	44.6	60.2	65.3	70.8	63.0	57.8	46.2	37.3	25.9	46.1
1960	24.0	29.4	26.9	48.3	59.7	66.0	68.3	68.4	60.8	48.2	39.8	20.4	46.7
1961	14.8	24.8	32.7	42.6	53.5	64.9	68.5	67.4	62.2	49.4	35.8	27.2	46.4
1962	21.7	21.0	35.0	46.0	59.0	67.2	72.2	68.2	71.7	68.5	50.6	34.3	46.0
1963	19.6	27.6	33.9	44.0	55.5	64.7	70.4	66.0	57.1	54.2	44.1	18.9	45.6
1964	19.6	23.0	31.2	48.8	55.6	66.5	72.4	69.0	70.6	62.4	49.7	39.3	46.2
1965	18.9	23.3	32.0	43.0	59.7	63.6	66.7	66.7	61.6	4			

CONCORD FAA AIRPORT

(1957 - 1976)

MONTHLY TEMPERATURE EXTREMES RECORDED
AT CONCORD FAA AIRPORT
FOR THE PERIOD 1957-1976

(Highest)			(Lowest)		
<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>	<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
60	27	1974	JANUARY	1976	19 -30
66	26	1957	FEBRUARY	1971	3 -27
76	30	1962	MARCH	1967	19 -16
95	19	1976	APRIL	1969*	1 8
97	19	1962	MAY	1966	3 21
97	27	1966	JUNE	1972	12 30
102	3	1966	JULY	1965	7 35
101	2	1975	AUGUST	1965	31 29
94	8	1960	SEPTEMBER	1965	28 22
90	7	1963	OCTOBER	1972*	21 10
78	1	1974	NOVEMBER	1972*	23 -1
61	2	1970	DECEMBER	1963	31 -20

*Also recorded on earlier dates.

CLIMATE HIGHLIGHTS

1. The average temperature recorded at the Concord Airport has been 45°F.
2. The maximum temperature recorded at this station during the past 20 years was 102°, taken July 3, 1966.
3. The minimum recorded temperature was -30° on January 19, 1976.
4. Annual precipitation between 1956 and 1977 averaged 35.52 inches.
5. The greatest annual precipitation during this time was 42.28 inches in 1975.
6. The greatest daily precipitation was 4.12 inches on September 12, 1960.
7. Snowfall averaged 65.9 inches per year.
8. The greatest monthly snowfall was 49.8 inches in February of 1969.
9. The greatest snowfall on a single day was 13.7 inches on February 19, 1972.
10. On the average, precipitation totaling .1 inches or more fell 75 days during the year.

CLIMATOLOGICAL SUMMARY

ATTITUDE	43° 12'
LONGITUDE	71° 30'
ELEV. (GROUND)	(1957-Aug. 1962) 399 ft. 346 ft. (Aug. 1962-1976)

CLIMATOLOGICAL SUMMARY

STATION CONCORD FAA AIRPORT
NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1955-1976

346 ENT. (Aug.: 1302-1310)

卷之三

Temperature (-F)

卷之三

— trace, an amo-

-17-

+ Also on earlier dates, months, or years.

* Less than one half

Average Temperature (°F)													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	***	26.8	34.4	47.6	56.2	67.4	68.2	64.1	61.4	49.3	40.9	32.9	****
1958	28.9	19.3	35.1	45.6	52.5	63.4	72.1	70.2	62.6	49.2	38.3	29.3	****
1959	21.2	19.1	31.1	45.5	59.4	65.1	68.5	60.0	59.7	62.8	58.0	46.0	46.8
1960	23.2	29.2	27.6	45.2	58.3	65.1	68.5	60.0	59.7	62.8	58.0	46.0	46.0
1961	17.6	29.8	32.4	42.6	53.2	65.4	69.9	68.5	67.1	52.4	39.5	27.0	45.1
1962	20.6	17.8	34.0	45.3	54.6	66.3	66.6	67.8	57.7	48.2	36.1	27.6	45.2
1963	20.8	18.8	33.5	43.4	55.5	66.4	72.1	65.6	56.6	53.8	42.3	17.3	45.5
1964	22.9	22.4	33.6	43.6	58.8	65.6	70.8	62.7	57.4	47.4	37.1	25.1	45.6
1965	18.9	22.2	31.9	43.1	57.1	62.5	65.9	66.6	58.8	46.8	34.8	27.3	44.5
1966	20.4	22.5	34.6	42.2	53.4	66.8	72.2	69.6	57.0	48.0	41.5	26.2	46.2
1967	29.8	17.5	27.1	42.0	48.8	66.1	70.2	67.2	61.5	49.3	32.7	27.8	45.0
1968	15.8	18.0	34.8	44.8	51.1	62.0	69.3	64.6	61.0	51.2	34.8	22.5	44.2
1969	21.9	23.2	28.3	44.3	57.3	63.1	65.4	68.9	59.7	47.5	38.9	23.7	44.8
1970	11.0	22.6	30.7	45.8	57.3	63.1	70.9	63.7	60.6	51.0	39.3	20.3	44.7
1971	12.5	23.3	30.4	42.1	54.1	65.0	68.3	67.0	61.1	51.9	32.4	26.6	44.6
1972	22.0	21.2	27.9	40.2	56.8	62.8	69.3	64.1	57.5	42.3	31.2	23.4	43.2
1973	21.0	20.2	35.5	45.0	52.9	66.9	70.3	72.3	58.8	48.2	36.1	28.9	46.3
1974	21.4	21.1	31.8	45.8	61.3	62.8	67.5	66.0	58.9	42.5	35.9	26.7	44.4
1975	**	21.5	30.1	40.4	51.3	65.0	71.3	67.0	65.2	57.1	45.0	31.9	21.9
1976	10.9	24.7	31.9	46.7	53.6	68.9	66.8	65.3	57.2	45.0	31.9	16.1	13.2

Total Precipitation (Inches)

Total Precipitation (Inches)													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	1.65	1.13	1.22	1.56	1.95	2.95	2.87	1.37	2.56	3.21	6.59	4.95	32.01
1958	5.83	1.51	1.43	3.95	1.92	2.50	3.58	2.61	3.60	1.96	4.40	1.40	34.69
1959	3.27	2.28	2.45	2.60	3.68	1.93	5.90	1.66	6.18	3.44	4.60	4.47	41.19
1960	2.46	2.81	2.48	4.59	4.00	3.47	3.62	5.57	7.78	2.09	2.58	4.47	40.92
1961	1.07	2.33	1.48	3.35	2.85	2.15	3.13	3.55	3.44	2.06	3.70	2.88	31.99
1962	2.66	2.59	1.64	2.13	2.58	3.30	2.99	2.59	1.76	8.78	2.65	3.15	36.82
1963	2.05	2.37	2.12	1.23	2.17	1.22	2.94	2.74	2.12	1.22	6.78	1.57	28.53
1964	3.64	1.93	3.01	2.05	1.15	2.71	3.37	2.74	4.42	2.24	3.47	3.07	27.90
1965	9.67	3.06	0.93	2.49	2.16	1.78	1.73	3.12	1.87	2.71	2.45	1.52	24.17
1966	2.69	2.13	2.19	1.16	2.16	1.78	2.30	4.05	5.40	3.31	3.01	1.42	32.60
1967	1.23	2.36	1.75	3.52	3.92	3.82	5.91	1.97	2.04	.99	2.86	3.82	34.19
1968	1.79	.93	3.80	2.85	5.20	5.90	1.62	3.60	2.34	2.23	5.24	5.82	41.32
1969	1.34	3.69	2.36	2.75	1.26	4.70	4.40	2.84	4.43	1.56	5.87	7.10	42.30
1970	.40	4.27	2.78	3.38	3.04	2.26	2.35	3.06	3.40	3.64	3.03	3.08	34.67
1971	1.63	3.87	2.28	2.19	3.36	5.14	2.79	1.91	2.69	2.91	2.36	3.36	32.80
1972	1.44	2.60	4.16	2.71	4.20	3.54	5.40	2.12	2.55	6.57	4.55	42.07	
1973	2.44	1.91	2.58	4.55	4.20	4.86	1.05	6.88	1.77	2.46	1.82	7.52	
1974	2.80	2.32	3.98	2.58	3.74	1.82	1.41	2.20	4.74	1.64	3.20	4.02	
1975	4.12	2.36	3.12	2.47	1.22	3.47	3.71	3.94	5.15	4.91	3.12	4.28	
1976	3.40	2.36	3.02	2.43	3.90	2.74	3.70	2.66	5.27	4.25	4.91		

MONTHLY EXTREME TEMPERATURES RECORDED AT CONCORD
BY YEARS 1957-1976

Year		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1957	Max.	**	66	61	84	58	68	63	91	89	75	49	60	91
	Min.	**	-5	12	15	27	25	29	40	28	25	-15	9	**
1958	Max.	42	45	58	82	84	**	**	**	**	**	**	44	**
	Min.	-11	-16	18	21	25	**	**	**	**	**	**	-12	-16
1959	Max.	52	48	66	74	92	95	94	95	94	81	74	51	95
	Min.	-12	-9	1	19	28	44	46	40	30	18	11	0	-12
1960	Max.	49	53	56	75	85	90	92	91	94	73	67	55	94
	Min.	-12	10	-4	18	29	37	46	41	35	18	13	-10	-12
1961	Max.	50	64	64	71	91	93	92	92	92	81	68	54	93
	Min.	-27	-16	7	21	26	36	43	40	33	19	19	-7	-27
1962	Max.	51	45	76	91	97	91	91	88	85	80	64	61	97
	Min.	-9	-19	2	16	27	41	40	43	28	22	13	-9	-19
1963	Max.	50	46	70	73	84	96	99	89	86	90	68	47	99
	Min.	-13	-16	-2	19	28	40	43	38	24	25	20	-20	-20
1964	Max.	49	44	59	80	94	97	95	90	90	83	69	56	97
	Min.	-16	-12	13	8	25	32	47	40	27	18	11	-11	-16
1965	Max.	49	47	59	77	89	90	96	96	91	81	65	61	96
	Min.	-14	-14	5	18	29	35	35	29	22	21	12	-2	-14
1966	Max.	59	57	64	72	85	97	102	94	88	81	68	61	102
	Min.	-17	-19	8	19	21	37	43	43	30	14	10	-6	-19
1967	Max.	57	53	64	73	82	92	89	87	84	84	66	56	92
	Min.	-8	-23	-16	17	28	31	45	44	28	18	-1	-10	-23
1968	Max.	46	45	68	81	77	89	95	91	85	82	59	52	95
	Min.	-21	-15	2	16	22	43	43	38	30	23	8	-11	-21
1969	Max.	51	44	52	88	86	90	90	89	90	76	61	60	90
	Min.	-12	-10	-15	8	24	35	40	37	31	10	6	-17	-17
1970	Max.	43	49	53	87	93	89	94	96	92	81	64	61	96
	Min.	-22	-4	-1	15	29	33	46	39	34	17	9	-14	-22
1971	Max.	43	49	56	74	83	95	92	89	88	84	72	54	95
	Min.	-29	-27	5	17	28	32	40	36	27	26	6	-8	-29
1972	Max.	54	54	65	77	88	87	92	88	84	72	59	46	92
	Min.	-19	-10	-13	20	26	30	44	36	32	10	-1	-3	-19
1973	Max.	54	49	60	86	80	96	95	95	93	79	66	60	96
	Min.	-18	-19	9	14	28	33	43	44	28	19	9	-2	-19
1974	Max.	60	50	66	86	90	92	93	92	88	78	78	56	93
	Min.	-22	-14	2	16	26	34	38	38	26	11	5	-6	-22
1975	Max.	**	52	56	71	96	94	94	101	80	79	71	60	101
	Min.	**	-25	-2	15	30	32	41	35	27	19	15	-18	**
1976	Max.	46	55	66	95	86	93	90	92	89	77	65	50	95
	Min.	-30	-9	1	11	26	35	39	30	28	13	5	-14	-30

LAKEPORT
(1957 - 1976)

MONTHLY TEMPERATURE EXTREMES RECORDED
AT LAKEPORT, N. H.
FOR THE PERIOD 1957-1976

(Highest)			(Lowest)		
<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>	<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
57	24	1967	JANUARY	1971	20
64	26	1957	FEBRUARY	1971	4
73	30	1962	MARCH	1972	10
91	19	1976+	APRIL	1964	1
94	19	1962	MAY	1966	3
94	20	1964	JUNE	1967	1
96	28	1963	JULY	1969+	8
98	7	1965	AUGUST	1965	31
93	8	1960	SEPTEMBER	1965+	28
87	7	1963	OCTOBER	1972+	21
73	1	1974	NOVEMBER	1957	26
60	1	1975	DECEMBER	1968	26
					-15

+ Also recorded on earlier dates.

CLIMATE HIGHLIGHTS

1. The mean annual temperature at Lakeport between 1957 and 1976 was 45.5°F.
2. The highest temperature recorded during this period was 98° on August 7, 1965.
3. The lowest recorded temperature was -21° on January 20, 1971.
4. The mean annual precipitation was 40.71 inches of rain.
5. The greatest total precipitation recorded in a single year was 50.43 inches in 1975.
6. The greatest rainfall recorded in a single day was 5.36 inches on August 30, 1959.
7. On the average, Lakeport receives 84.7" of snow per year.
8. The greatest snowfall recorded in a single month was 65.3" in February of 1969.
9. The greatest daily snowfall was 18.8" on February 25, 1969.
10. Precipitation totaling .1 inches or more fell an average of 79 days a year.

LATITUDE 43° 33'
LONGITUDE 71° 28'
ELEV. (GROUND) 562 ft.

CLIMATOLOGICAL SUMMARY

STATION LAKEPORT
NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1957-1976

Month	Temperature (°F)			Precipitation Totals (Inches)			Mean number of days		
	Means		Extremes		Snow, Sleet			Temperatures	
	Mean daily maximum	Record highest	Mean degree days	Year	Year	Year	Max. monthly precipitation	Max. daily precipitation	Max. and Min. Month below 32° and 90° and more than 10 inches
(a)	20	20	20	20	20	20	1976	18.4	13.8
Jan	28.3	9.9	19.1	57	1967	-21	1958	1966+	20
Feb	31.2	10.6	20.9	1957	-20	1971	1965	6	20
Mar	40.5	21.8	31.2	73	1962	-10	1972	1969	0
Apr	51.5	32.2	43.4	91	1976+	10	1964	1958	15
May	67.4	43.7	55.6	94	1962	27	1966	1959	6
Jun	76.7	54.4	65.6	94	1964	37	1967	1961	*
Jul	80.6	59.1	69.9	96	1963	45	1969+	1966	7
Aug	78.4	57.6	68.0	98	1965	38	1971	1961	6
Sep	69.6	55.8	62.2	93	1960	30	1965	1959	0
Oct	58.0	39.8	48.9	87	1963	22	1972+	1960	0
Nov	44.4	30.3	37.4	73	1974	8	1997	1963	0
Dec	31.7	16.7	24.2	60	1975	-15	1968	1962	0
Year	55.1	35.9	45.5	98	1965	-21	Jan	1959	8
								1969	0
								1969	16
									29
									2
									Dec

(a) Average length of record, years.

† Trace, an amount too small to measure.
** Base 65°F

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total Precipitation (Inches)	
													Annual	Annual
1957	13.1	25.4	33.7	46.8	57.0	67.7	68.5	65.3	61.6	49.4	40.1	31.7	46.7	1957
1958	22.7	17.6	34.3	43.3	52.6	59.3	68.4	68.1	59.3	59.3	40.1	31.7	46.7	1958
1959	18.8	17.3	29.3	43.8	59.1	62.4	71.7	69.9	62.6	48.1	36.7	31.3	43.9	1959
1960	22.1	26.2	35.1	42.1	58.3	65.0	68.8	68.5	61.1	48.0	40.6	31.9	45.7	1960
1961	14.4	24.6	31.1	42.2	55.8	69.3	68.5	67.0	51.9	38.8	26.6	21.6	45.8	1961
1962	19.8	16.5	33.1	44.3	54.3	65.5	66.5	68.0	57.8	47.7	36.1	23.2	44.4	1962
1963	20.7	16.9	33.5	43.4	56.7	65.7	65.7	58.0	57.9	41.7	37.6	24.6	45.8	1963
1964	23.0	21.0	33.2	42.5	59.3	66.1	72.3	63.7	58.0	48.3	37.6	24.6	45.7	1964
1965	17.5	20.1	31.1	42.3	59.3	64.9	66.3	69.1	60.9	47.4	34.5	21.5	45.2	1965
1966	20.0	23.0	33.4	41.2	53.2	65.9	70.2	68.8	57.0	47.7	40.7	25.9	45.6	1966
1967	24.1	16.4	27.0	40.8	49.1	67.5	71.3	68.4	59.6	49.0	32.8	26.2	44.4	1967
1968	14.8	17.0	33.3	47.0	53.0	62.5	65.5	67.0	61.8	50.8	37.0	20.7	44.4	1968
1969	19.9	22.2	28.5	43.5	56.5	65.3	65.3	67.0	60.2	50.4	39.4	25.4	44.4	1969
1970	14.4	21.7	30.3	43.7	57.7	65.1	71.0	69.3	61.8	53.7	33.8	25.4	44.4	1970
1971	13.4	21.7	29.4	40.6	54.6	66.4	70.4	67.9	61.8	53.7	33.8	25.4	44.4	1971
1972	20.2	19.6	27.1	38.9	56.5	63.2	70.0	66.1	59.0	44.0	33.8	24.6	43.6	1972
1973	22.8	21.6	37.3	45.8	53.7	66.1	72.1	72.2	58.8	49.8	37.0	29.6	47.2	1973
1974	22.8	21.4	30.4	46.1	51.6	65.6	66.9	57.9	49.6	43.6	37.2	29.4	45.5	1974
1975	23.3	23.2	29.2	39.6	61.6	65.4	72.8	67.8	57.3	49.6	33.5	22.6	44.5	1975
1976	13.5	25.7	32.0	48.0	55.2	69.7	67.8	67.0	58.1	45.5	33.5	18.3	44.5	1976

(a) Average length of record, years.
† Trace, an amount too small to measure.
** Base 65°F

Average Temperature (°F)

+ Also on earlier dates, months, or years.

* Less than one half.

MONTHLY EXTREME TEMPERATURES RECORDED AT LAKEPORT
BY YEARS 1957-1976

Year		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1957	Max.	**	64	61	86	86	93	89	90	87	74	62	59	93
	Min.	-29	-6	13	19	30	39	47	44	36	26	8	6	-29
1958	Max.	39	46	55	78	83	**	**	**	**	**	**	42	**
	Min.	-3	-13	18	23	28	**	**	**	**	**	**	-4	-13
1959	Max.	47	45	62	75	89	91	94	93	88	76	69	48	94
	Min.	-9	-9	1	20	32	42	51	45	33	24	11	5	-9
1960	Max.	46	50	47	72	86	91	89	90	93	73	63	54	93
	Min.	-7	3	-1	19	31	40	51	45	41	25	20	-5	-7
1961	Max.	47	59	62	72	90	90	87	89	89	77	65	49	90
	Min.	-20	-11	3	26	30	40	48	46	40	27	22	5	-20
1962	Max.	50	40	73	91	94	87	87	86	81	77	62	58	94
	Min.	-8	-20	0	18	31	45	44	49	34	25	19	-14	-20
1963	Max.	45	44	69	74	82	92	96	87	83	87	62	46	96
	Min.	-6	-14	1	20	32	45	49	45	30	32	23	-6	-14
1964	Max.	47	42	58	78	91	94	94	88	85	78	64	55	94
	Min.	-7	-13	16	10	31	39	53	45	36	27	15	4	-13
1965	Max.	46	50	59	75	86	90	91	98	90	79	61	53	98
	Min.	-15	-7	11	17	34	43	45	38	30	28	20	4	-15
1966	Max.	56	54	61	64	87	91	95	90	82	76	65	59	95
	Min.	-9	-9	12	25	27	44	48	48	34	23	20	8	-9
1967	Max.	57	53	62	74	76	90	85	86	84	81	62	48	90
	Min.	-4	-14	-5	18	29	37	50	48	37	25	12	-6	-14
1968	Max.	42	44	71	83	81	90	92	89	82	79	52	49	92
	Min.	-17	-9	0	22	30	44	50	44	38	30	17	-15	-17
1969	Max.	43	46	55	82	85	93	92	87	88	73	62	58	93
	Min.	-7	-10	-1	12	30	42	45	47	38	22	14	-5	-10
1970	Max.	43	50	56	83	88	89	92	94	86	76	61	57	94
	Min.	-8	-5	5	18	34	43	52	49	42	26	16	-5	-8
1971	Max.	41	46	53	64	84	93	89	88	84	81	68	50	93
	Min.	-21	-20	5	21	34	40	48	46	38	36	13	2	-21
1972	Max.	48	52	66	74	88	85	90	85	80	68	58	43	90
	Min.	-10	-11	-10	16	32	41	49	46	39	22	10	4	-11
1973	Max.	55	46	61	85	77	90	93	90	88	73	65	59	93
	Min.	-9	-16	16	21	33	39	53	50	36	28	20	1	-16
1974	Max.	55	48	63	84	89	91	91	91	83	73	73	52	91
	Min.	-16	-2	3	21	29	43	51	50	34	23	16	9	-16
1975	Max.	**	52	51	70	91	91	95	96	74	72	69	60	96
	Min.	-15	-11	4	20	37	42	42	44	36	27	26	-5	-15
1976	Max.	42	53	65	91	84	90	90	91	81	71	60	47	91
	Min.	-19	-2	4	15	34	44	50	43	35	24	16	-5	-19

LEBANON
(1957 - 1976)

MONTHLY TEMPERATURE EXTREMES RECORDED
AT LEBANON, N. H.
FOR THE PERIOD 1957-1976

(Highest)			(Lowest)		
<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>	<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
60	27	1974	JANUARY	1968	11 -30
64	26	1957	FEBRUARY	1958	18 -30
72	30	1962	MARCH	1967	19 -18
91	19	1976	APRIL	1964	1 3
93	23	1975	MAY	1966	3 20
99	18	1957	JUNE	1964	6 32
97	3	1966+	JULY	1965+	7 38
97	2	1975	AUGUST	1965	31 30
92	8	1960	SEPTEMBER	1963	24 20
87	7	1963	OCTOBER	1964	8 13
74	1	1974	NOVEMBER	1957	27 -1
62	11	1966	DECEMBER	1963+	31 -23

+ Also recorded on earlier dates.

CLIMATE HIGHLIGHTS

1. The mean annual temperature at Lebanon during the past 20 years has been 43.8°F.
2. The highest temperature recorded during this time was 99° on June 18, 1957.
3. The lowest recorded temperature was -30° on January 11, 1968 and February 18, 1958.
4. Annual precipitation averaged 34.81 inches.
5. The greatest annual precipitation was 42.54 inches in 1969.
6. The greatest rainfall in a single day was 3.77 inches on July 29, 1969.
7. The total annual snowfall averaged 79.1".
8. The maximum snowfall in a given month was 51.9" in January of 1966.
9. The maximum snowfall in a single day was 30" on February 16, 1958.
10. Precipitation totaling .1" or more fell an average of 76 days per year.

CLIMATOLOGICAL SUMMARY

STATION LEBANON FA AIRPORT
NEW HAMPSHIRELATITUDE 43° 38'
LONGITUDE 72° 19'
ELEV. (GROUND) 562 ft.

MEANS AND EXTREMES FOR PERIOD 1957-1976

Month	Temperature (°F)		Extremes	Precipitation Totals (Inches)						Mean number of days						
	Means	Record Year		Mean Days	Mean Year	Greatest daily Mean	Year	Snow, Sleet		Yearly Greatest Monthly Mean	Year	Temperatures		Max.	Min.	
								Max. 90° and more above 32° and below 32° and below 0° and below 32° and below 32° and below 10° and below 10° and below Month	Min.	Max.	Min.	Max.	Min.			
(a)	20	20	20	20	20	19.5	1958	20	20	20	20	20	20	20	20	
Jan	27.9	4.8	16.4	60	1974	-30	1968	1502	2.31	1.46	1966	12.0	1958	6	0	
Feb	31.3	7.2	19.3	64	1957	-30	1958	1286	2.16	1.93	1958	17.7	1958	5	0	
Mar	40.5	19.8	30.2	72	1962	-18	1967	1073	2.23	1.51	1964	13.1	1971	6	0	
Apr	54.4	30.6	42.5	91	1976	3	1964	670	2.63	1.88	1975	3.7	1971	11.0	0	
May	67.1	40.9	54.0	93	1975	20	1966	348	3.24	2.17	1967	0.2	1966	7	0	
Jun	76.8	51.6	64.2	99	1957	32	1964	96	2.76	1.56	1973	0	0	0	0	
Jul	80.8	56.1	68.5	97	1966*	38	1965*	60	3.21	2.77	1971	0	0	0	0	
Aug	78.5	53.9	66.2	97	1975	30	1965	221	3.14	3.49	1960	0	0	0	0	
Sep	70.4	46.9	58.7	92	1960	20	1963	20	3.50	3.77	1969	0	0	0	0	
Oct	59.0	35.9	47.5	87	1963	13	1964	537	3.01	2.84	1962	0.1	1965	5	0	
Nov	44.7	27.4	36.1	74	1974	-1	1957	865	3.68	2.12	1959	5.3	1971	8	0	
Dec	31.3	12.8	22.1	62	1966	-23	1963*	1324	3.14	2.25	1973	19.5	1972	13.0	0	
Year	55.2	32.3	43.8	99	Jun	-41	Jan	8007	34.81	3.77	Jul	79.1	51.9	30.0	32	
								1969			Jan	1966			Year	

(a) Average length of record, years.

I Trace, an amount too small to measure.

** Base 65°F

+ Also on earlier dates, months, or years.

* Less than one half.

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	***	25.5	32.2	45.9	54.0	66.5	66.6	62.8	60.0	48.0	39.1	29.7	***
1958	20.6	14.0	34.5	44.7	51.2	***	***	***	***	***	13.5	13.5	***
1959	18.0	15.4	29.1	43.9	57.4	62.8	70.7	68.7	62.0	47.9	44.9	37.5	1957
1960	19.8	25.8	23.6	43.6	58.5	63.4	65.4	59.3	53.5	45.2	38.3	19.9	1958
1961	10.1	21.3	30.1	40.4	51.3	63.1	67.9	66.2	66.1	49.8	36.9	23.8	1959
1962	17.3	15.4	31.3	42.8	53.5	64.2	***	65.8	55.6	46.6	32.6	18.9	***
1963	17.0	14.5	30.1	41.0	52.7	64.4	69.8	63.0	53.3	51.7	41.1	13.8	42.7
1964	19.1	18.2	31.9	41.3	57.3	62.2	69.4	60.7	55.2	44.3	34.8	22.2	43.1
1965	14.0	18.8	28.8	39.6	56.0	61.9	65.0	66.2	58.6	52.9	42.8	1964	41.2
1966	16.7	20.2	31.6	39.7	50.4	63.8	66.9	55.9	55.2	45.5	39.1	23.7	43.2
1967	22.8	13.8	25.3	40.2	47.0	66.8	69.4	67.0	58.3	45.5	31.1	14.9	1965
1968	10.6	14.4	33.2	46.6	52.1	62.2	68.9	64.5	61.2	49.9	32.7	19.5	43.0
1969	17.8	21.8	28.1	43.7	52.4	64.2	66.5	68.7	59.9	46.8	37.5	21.3	46.4
1970	7.2	20.7	29.2	43.2	55.9	63.3	70.0	67.6	59.0	50.6	38.8	17.6	43.6
1971	10.2	21.7	27.3	39.3	54.1	64.6	67.7	66.2	62.0	53.3	31.7	24.2	43.5
1972	18.8	18.3	28.6	38.1	56.1	63.0	69.9	65.4	58.5	43.4	32.8	23.7	43.0
1973	19.6	14.4	33.2	46.6	52.1	62.2	68.9	64.5	61.2	49.9	32.7	19.5	46.4
1974	21.5	19.2	30.1	45.1	51.3	64.4	68.7	62.8	58.1	42.4	36.3	21.0	47.4
1975	11.9	21.3	28.1	38.6	60.9	63.9	71.8	67.1	57.2	49.7	42.3	21.8	47.8
1976	25.6	31.7	45.6	54.0	69.1	66.9	66.3	57.5	45.1	32.8	17.4	43.7	44.24

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	***	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1957
1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1958
1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1959
1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1960
1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1961
1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1962
1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1963
1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1964
1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1965
1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1966
1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1967
1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1968
1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1969
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1970
1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1971
1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1972
1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1973
1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1974
1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1975
1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1976

**** Missing data.

MONTHLY EXTREME TEMPERATURES RECORDED AT LEBANON
BY YEARS 1957-1976

Year		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1957	Max.	**	64	61	85	86	99	89	90	86	76	62	60	99
	Min.	**	-6	3	14	28	33	38	35	25	23	-1	-5	**
1958	Max.	41	43	57	78	80	**	**	**	**	**	**	39	**
	Min.	-16	-30	16	23	25	**	**	**	**	**	**	-23	-30
1959	Max.	55	46	62	73	88	93	95	94	90	79	66	49	95
	Min.	-12	-23	-3	17	26	43	44	39	28	16	6	-3	-23
1960	Max.	41	50	49	73	84	88	89	91	92	75	60	51	92
	Min.	-10	-3	-8	18	29	36	45	42	37	20	13	-19	-19
1961	Max.	46	55	65	68	88	89	89	90	91	78	63	48	91
	Min.	-26	-26	-4	21	25	33	43	37	34	18	15	-6	-26
1962	Max.	46	44	72	88	89	88	**	87	86	76	56	51	**
	Min.	-16	-22	-2	15	25	38	**	42	27	20	13	-13	-22
1963	Max.	45	42	67	70	82	92	97	87	83	87	61	46	97
	Min.	-23	-24	-7	19	24	40	43	36	20	23	18	-23	-24
1964	Max.	47	39	58	77	91	94	95	87	84	78	62	54	95
	Min.	-22	-17	9	3	27	32	41	38	30	13	8	-9	-22
1965	Max.	44	45	55	73	88	90	89	95	90	79	62	53	95
	Min.	-21	-13	11	4	28	36	38	30	24	18	12	-6	-21
1966	Max.	56	54	64	65	86	91	97	90	86	78	66	62	97
	Min.	-17	-22	4	20	20	33	40	43	28	15	8	-6	-22
1967	Max.	55	50	62	74	81	91	85	86	84	85	62	49	91
	Min.	-16	-27	-18	18	26	33	46	40	31	24	6	-8	-27
1968	Max.	41	43	71	81	80	90	92	90	85	79	57	45	92
	Min.	-30	-18	-6	19	25	47	45	40	32	23	14	-19	-30
1969	Max.	41	46	55	84	85	97	92	89	88	77	60	57	97
	Min.	-10	-12	-17	8	27	38	39	39	35	15	8	-18	-18
1970	Max.	43	47	51	83	85	89	92	92	89	78	63	58	92
	Min.	-22	-9	0	15	30	37	47	42	38	20	10	-15	-22
1971	Max.	43	48	52	66	90	94	89	91	87	82	70	49	97
	Min.	-28	-29	-4	14	28	34	40	36	33	32	8	-12	-29
1972	Max.	50	50	65	73	88	86	92	89	87	75	54	46	92
	Min.	-18	-17	-8	13	26	33	46	41	33	15	5	-10	-18
1973	Max.	53	45	64	84	76	92	95	94	89	75	66	61	95
	Min.	-19	-19	14	18	30	35	47	46	31	23	12	-6	-19
1974	Max.	60	48	63	83	90	93	93	90	84	76	74	54	93
	Min.	-21	-15	1	14	24	40	45	43	30	15	12	-3	-21
1975	Max.	**	53	51	67	93	95	91	97	77	74	72	58	97
	Min.	**	-20	2	17	32	35	46	41	35	27	23	-13	**
1976	Max.	48	59	69	84	91	92	91	93	86	73	60	45	93
	Min.	-24	-18	-5	29	16	39	43	37	34	21	6	-9	-24

MASSABESIC LAKE
(1957 - 1976)

MONTHLY TEMPERATURE EXTREMES RECORDED
AT MASSABESIC LAKE, N. H.
FOR THE PERIOD 1957-1976

(Highest)			(Lowest)		
<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>	<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
61	28	1974	JANUARY	1961	22 -35
68	26	1957	FEBRUARY	1971+	3 -23
75	30	1962	MARCH	1967	19 -15
94	19	1976	APRIL	1969	1 10
95	19	1962	MAY	1966	3 24
95	28	1969	JUNE	1957	9 33
97	26	1963	JULY	1965	7 38
99	3	1975	AUGUST	1965	31 32
93	4	1973	SEPTEMBER	1965+	28 25
88	7	1963	OCTOBER	1966	31 17
76	4	1967	NOVEMBER	1957	27 5
62	2	1975	DECEMBER	1963	31 -24

+ Also recorded on earlier dates.

CLIMATE HIGHLIGHTS

1. The mean annual temperature at Massabesic Lake between 1957 and 1976 was 46.1°F.
2. The highest recorded temperature during this time was 99° on August 3, 1975.
3. The lowest recorded temperature was -35° on January 22, 1961.
4. The mean annual precipitation (20 years) was 38.67 inches.
5. The greatest total precipitation recorded in a single year was 51.82 inches in 1975.
6. The greatest rainfall recorded in a single day was 4.75 inches on June 10, 1973.
7. The average annual snowfall over 11 years (1966-1976) was 68".
8. The greatest snowfall in a given month was 43.5" in February of 1969.
9. Precipitation totaling .1" or more fell an average of 76 days out of the year.

CLIMATOLOGICAL SUMMARY

**STATION MASSABEIC LAKE
NEW HAMPSHIRE**

MEANS AND EXTREMES FOR PERIOD 1957-1976

Year	Temperature (°F)												Precipitation Totals (Inches)																		
	Means				Extremes				* Days				** Days				Year				Year		Year		Mean number of days						
	Monthly maximum daily maximum		Daily minimum monthly minimum		Record highest year		Record lowest year		Mean degree days		Mean degree days		Year		Year		Greater daily mean		Year		Greater daily maximum monthly maximum		Year		Temperature		Precip. 10 inch more above 32° and below 32° and 90° and above 90° and below 0° and below 0° and below Min.		Month		
(a)	20	20	20	20	20	1974	20	20	20	2.71	2.38	1958	11	11	1966	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
Jan	32.3	10.0	21.1	61	1974	-35	1961	2.71	2.41	1.31	1.31	1970	14.1	14.1	1966	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Feb	34.8	11.9	23.4	68	1957	-23	1971+	1170	2.69	2.00	1974	10.5	10.5	1969	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Mar	43.0	13.8	23.8	75	1962	-15	1967	992	2.69	2.00	1970	2.9	2.9	1972+	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Apr	56.3	32.3	44.3	94	1976	10	1969	618	2.94	1.71	1973	0	0	1973	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
May	67.7	42.6	55.2	95	1962	24	1966	295	3.17	1.15	1973	0	0	1973	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Jun	77.0	53.0	64.8	95	1969	33	1957	82	3.29	4.75	1973	0	0	1973	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Jul	81.3	57.4	69.3	97	1963	38	1965	18	3.74	2.67	1975	0	0	1975	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Aug	79.4	55.7	67.7	99	1975	32	1965	41	3.08	2.15	1967	0	0	1967	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Sep	72.1	48.3	62.0	93	1973	25	1965+	181	3.35	3.72	1960	0	0	1969	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Oct	61.9	37.6	49.7	88	1963	17	1966	467	3.24	3.78	1962	0.1	1.0	1971	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Nov	48.1	29.7	39.1	76	1967	5	1957	775	4.24	1.70	1963	4.2	17.5	1970	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dec	35.4	16.5	26.0	62	1963	-24	1975	1204	3.81	2.54	1969	18.7	18.7	1970	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Year	57.4	34.8	46.1	99	Aug	-35	Jan	7187	38.67	4.75	Jun	1961	1975	Jun	68.0	43.5	Feb	####	####	76	7	42	164	17	Year	1969	1969	1969			

(a) Average length of record, years.

T Trace, an amount too small to measure.

B250 650 E

+ Also on earlier dates, months, or years.

* Less than one half

◆◆◆◆◆ Data not recorded

Average Temperature (°F)												Total Precipitation (Inches)															
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	15.2	28.7	33.3	46.2	55.2	66.2	66.3	62.9	60.3	48.4	40.0	32.0	46.2	1957	1.70	1.08	1.48	1.93	2.25	3.02	1.22	1.44	2.33	4.81	4.72	29.91	
1958	23.9	19.8	35.1	45.3	52.6	59.1	68.0	66.9	59.9	47.6	39.3	19.2	44.7	1958	7.70	1.29	1.62	2.51	2.17	3.74	2.73	3.90	1.54	1.54	1.54	38.26	
1959	24.7	21.4	32.1	45.0	59.1	62.9	70.5	69.4	62.0	49.5	39.8	30.1	46.9	1959	3.10	2.25	3.45	3.89	4.78	5.30	2.05	2.05	2.05	3.36	3.72	41.72	
1960	24.7	30.9	27.6	44.9	56.7	64.2	67.1	66.9	59.3	47.3	40.7	21.9	46.0	1960	2.55	2.99	2.71	4.34	3.87	2.44	3.26	3.61	7.91	2.72	42.47		
1961	14.8	25.1	31.7	41.7	53.8	64.9	68.7	67.8	61.1	52.7	40.5	27.1	46.2	1961	1.34	2.09	2.07	4.53	3.81	3.98	5.70	4.19	2.06	3.99	3.14	39.89	
1962	21.5	19.4	33.6	45.4	53.5	65.0	66.4	57.5	48.1	36.5	23.5	44.6	1962	2.63	2.63	2.44	2.03	2.97	1.72	2.66	4.59	1.93	2.43	8.85	3.20	3.29	
1963	22.4	20.0	33.1	43.8	55.4	64.4	69.8	65.2	57.0	43.5	28.6	45.6	1963	2.63	2.26	2.43	1.11	3.42	2.12	3.02	2.50	3.20	1.62	7.81	2.11	33.86	
1964	24.8	24.2	34.6	44.2	58.7	65.2	70.1	62.7	57.8	45.8	38.8	25.6	1964	3.75	2.95	2.95	2.05	1.85	1.05	3.88	2.76	6.67	2.20	3.19	2.37	29.63	
1965	21.2	23.8	33.1	41.7	58.3	63.2	67.2	68.1	60.4	48.5	37.1	27.7	45.8	1965	1.97	2.79	1.01	2.62	1.87	3.62	2.19	2.25	2.39	2.54	1.73	25.71	
1966	22.1	23.6	34.6	41.6	52.5	64.7	69.7	67.7	57.6	48.8	42.2	27.4	46.0	1966	3.24	1.83	2.18	1.89	3.11	1.46	2.00	2.21	4.89	3.39	3.47	2.55	31.22
1967	26.0	17.9	27.7	41.2	49.2	66.9	71.0	68.7	60.3	51.6	35.1	28.9	45.4	1967	1.40	3.21	2.59	3.93	4.59	3.37	4.67	5.82	3.53	1.11	3.40	4.63	42.25
1968	16.3	19.4	34.4	47.4	54.7	65.2	66.6	71.2	66.6	52.7	36.5	24.9	45.7	1968	2.31	1.97	4.22	2.29	4.22	5.67	1.94	3.21	1.48	2.24	6.04	6.23	40.82
1969	22.3	21.7	31.8	46.6	54.7	65.5	68.2	70.4	60.8	49.3	40.5	27.1	46.8	1969	1.36	3.24	2.33	3.10	1.71	6.73	1.70	4.45	1.45	2.72	6.08	6.25	43.71
1970	15.1	23.8	30.9	43.9	58.4	64.6	67.0	69.7	61.2	51.6	40.7	27.1	46.1	1970	1.53	4.52	3.06	3.32	2.57	2.74	2.72	3.12	3.73	3.39	3.18	3.00	33.67
1971	15.3	24.2	32.6	42.8	54.1	65.2	69.3	68.9	63.2	55.0	36.7	26.3	46.1	1971	1.86	3.42	2.01	1.76	3.41	2.10	3.71	2.34	3.08	2.97	3.00	3.00	33.67
1972	23.5	22.2	31.0	40.1	55.3	64.2	69.9	66.5	60.6	46.2	35.9	27.5	45.2	1972	1.79	2.98	4.83	3.07	4.95	5.92	4.94	1.76	2.38	3.38	5.69	5.36	47.95
1973	25.5	22.2	37.2	47.8	54.6	64.2	66.5	71.6	72.1	59.9	50.5	39.3	32.1	1973	3.62	2.00	3.19	5.32	4.75	7.58	2.28	4.25	1.96	2.28	7.58	7.08	47.31
1974	23.5	22.8	32.6	46.1	52.8	64.5	67.4	65.2	58.1	51.6	40.3	30.4	46.5	1974	3.63	40.3	2.38	4.46	4.05	4.05	1.14	3.58	6.09	1.87	3.17	4.41	38.68
1975	25.5	23.6	32.6	46.1	54.4	60.5	65.5	70.8	69.0	58.1	49.4	36.7	46.5	1975	4.41	2.91	1.50	3.03	2.76	1.50	5.52	5.38	5.38	5.22	4.33	4.33	51.88
1976	17.0	29.4	35.2	49.2	55.9	67.7	69.7	67.7	59.2	46.7	39.9	20.4	46.7	1976	3.93	2.25	2.58	2.58	2.58	2.58	5.95	4.79	4.79	5.95	4.79	5.95	51.88

MONTHLY EXTREME TEMPERATURES RECORDED AT MASSABESIC LAKE
BY YEARS 1957-1976

Year		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1957	Max.	**	68	60	83	84	92	90	90	89	72	65	60	92
	Min.	**	0	11	15	26	33	41	36	25	26	5	4	**
1958	Max.	40	45	57	81	85	**	**	**	**	**	**	43	**
	Min.	-10	-23	16	19	28	**	**	**	**	**	**	-16	-23
1959	Max.	55	48	66	74	90	92	92	93	90	80	75	52	93
	Min.	-7	-7	0	19	28	41	46	40	30	18	10	3	-7
1960	Max.	50	52	58	73	83	89	90	90	92	72	**	50	92
	Min.	-5	11	-4	18	29	35	43	40	32	20	**	-10	-10
1961	Max.	49	64	62	70	88	**	88	88	89	80	73	53	89
	Min.	-35	-19	2	18	27	**	42	41	31	22	20	-8	-35
1962	Max.	52	46	75	90	95	89	88	87	85	79	59	52	95
	Min.	-10	-20	1	15	27	40	39	42	26	20	15	-9	-20
1963	Max.	48	45	71	73	83	92	97	88	85	88	70	48	97
	Min.	-18	-17	-4	18	27	41	43	39	27	25	20	-24	-24
1964	Max.	50	48	58	**	93	94	95	89	90	81	69	58	95
	Min.	-22	-13	11	**	26	33	44	39	27	23	11	-9	-22
1965	Max.	49	49	60	68	90	90	94	95	91	78	68	52	95
	Min.	-12	-15	12	17	31	38	38	32	25	25	17	0	-15
1966	Max.	58	56	60	69	86	92	95	90	88	79	69	60	95
	Min.	-4	-12	11	23	24	38	44	45	29	17	15	-1	-12
1967	Max.	59	55	62	75	82	93	88	87	84	83	76	56	93
	Min.	-2	-20	-15	19	29	34	47	46	32	26	7	-6	-20
1968	Max.	48	45	63	79	78	92	95	91	85	83	60	55	95
	Min.	-16	-15	5	24	27	45	45	41	33	28	15	-11	-16
1969	Max.	47	45	56	88	88	95	94	91	91	75	60	60	95
	Min.	-10	-6	4	10	29	39	42	40	33	18	12	-10	-10
1970	Max.	45	54	55	83	89	89	92	94	90	78	64	59	94
	Min.	-15	-5	-6	17	33	39	48	45	37	23	13	-2	-15
1971	Max.	47	50	60	74	81	91	94	90	89	84	73	53	94
	Min.	-23	-23	7	19	32	35	43	41	31	33	13	-7	-23
1972	Max.	54	56	61	69	86	85	92	87	84	73	61	50	92
	Min.	-7	-14	-7	22	29	36	47	42	34	21	8	1	-14
1973	Max.	58	54	65	87	80	88	95	95	93	78	69	61	95
	Min.	-7	-15	11	23	32	36	46	49	31	26	18	4	-15
1974	Max.	61	54	67	81	86	92	92	90	86	77	75	54	92
	Min.	-15	-10	7	24	27	39	46	44	31	19	16	-1	-15
1975	Max.	**	55	53	68	92	**	91	99	79	80	**	62	99
	Min.	**	-19	8	20	34	**	47	44	32	29	**	-11	**
1976	Max.	53	60	69	94	85	91	91	93	86	75	**	50	94
	Min.	-16	-2	4	17	29	39	44	37	32	21	**	-6	-16

MOUNT WASHINGTON OBSERVATORY

(1957 - 1976)

MONTHLY TEMPERATURE EXTREMES RECORDED
AT MOUNT WASHINGTON OBSERVATORY, N. H.
FOR THE PERIOD 1957-1976

(Highest)			(Lowest)		
<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>	<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
42	21	1959	JANUARY	1968	8 -46
41	25	1975	FEBRUARY	1967	12 -41
42	31	1967+	MARCH	1967	18 -26
53	27	1957	APRIL	1967+	12 -11
64	28	1972+	MAY	1966	7 -2
68	13	1969+	JUNE	1971	5 18
70	2	1963	JULY	1969	6 25
72	2	1975	AUGUST	1965	30 20
67	9	1960+	SEPTEMBER	1957	28 12
56	6	1969+	OCTOBER	1976+	27 -2
49	2	1971+	NOVEMBER	1957	26 -15
45	12	1967	DECEMBER	1962	30 -41

+ Also recorded on earlier dates.

CLIMATE HIGHLIGHTS

1. The Mount Washington Observatory is 6,262 feet above sea level.
2. The average annual temperature atop Mount Washington is 26.6°F.
3. The all-time maximum temperature has been only 72°F.
4. The all-time minimum temperature was -59°F, recorded in the 1870's.
5. Annual precipitation averaged 95.18 inches.
6. The greatest annual precipitation recorded between 1957 and 1976 was 130.14" in 1969.
7. The greatest daily precipitation during the 20 years was 7.44" on December 27, 1969.
8. Annual snowfall averaged 312.7 inches.
9. The greatest snowfall in a single month was 172.8 inches in February of 1969.
10. The greatest snowfall in one day was 49.3 inches on February 25, 1969.
11. On the average, precipitation totaling .1" or more fell 153 days during the year.
12. The surface wind speed reached a record-setting 231 mph during a storm on April 12, 1934.

LATITUDE 44° 16'
LONGITUDE 71° 18'
ELEV. (GROUND) 6,262 ft.

CLIMATOLOGICAL SUMMARY

STATION MOUNT WASHINGTON OBSERVATORY
NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1957-1976

Month	Temperature (°F)			Precipitation Totals (Inches)			Mean number of days		
	Extremes			Snow, Sleet			Temperatures		
	Means	Year	Year	Year	Year	Year	Max. and Min.	Max. and Min.	Max. and Min.
(a)	20	20	20	20	20	20	20	20	20
Jan	12.9	-4.2	4.4	42	1959	-46	1968	1876	1958
Feb	13.8	-4.0	4.9	41	1975	-41	1967	1714	9.32
Mar	19.1	4.5	11.8	42	1967*	-26	1967	1645	8.28
Apr	28.6	15.3	22.0	53	1957	-11	1967*	1284	7.27
May	40.8	27.8	34.5	64	1974*	-18	1966	944	6.93
Jun	51.4	38.8	45.1	68	1969*	18	1971	580	7.27
Jul	51.8	45.6	48.7	70	1963	25	1969	504	7.33
Aug	52.8	41.4	47.1	72	1975	20	1965	548	7.47
Sep	46.9	35.7	41.3	67	1960*	12	1957	707	6.97
Oct	36.8	24.6	30.7	56	1969*	-2	1976*	1064	7.05
Nov	26.7	13.7	20.2	49	1971*	-15	1957	1339	9.80
Dec	17.2	1.3	9.3	45	1967	-41	1962	1725	10.10
Year	33.2	20.0	26.6	72	Aug	-46	Jan	13929	95.18
					1975	1968	1968	1969	7.44
								1969	20.44
								1969	66

(a) Average length of record, years.

† Trace, an amount too small to measure.

** Base 65°F

+ Also on earlier dates, months, or years.

* Less than one half.

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	***	9.7	13.8	23.2	34.7	48.0	46.2	43.9	42.0	30.8	21.8	15.2	***
1958	0.6	16.1	24.8	31.8	46.8	51.1	43.8	35.1	30.0	23.0	15.2	10.2	***
1959	3.9	13.8	8.2	24.0	37.3	44.1	52.5	50.1	43.8	30.0	20.6	12.4	27.5
1960	7.2	9.5	5.4	26.3	41.2	44.6	46.1	48.5	44.3	37.4	27.4	20.6	42.1
1961	-2.3	9.5	12.3	20.4	31.5	44.1	48.6	48.7	49.2	34.9	22.7	11.4	27.6
1962	2.3	5.3	12.5	22.5	37.5	45.4	43.9	48.7	36.8	29.1	20.8	6.7	26.0
1963	4.5	-3.4	15.8	26.6	32.6	33.6	46.8	49.4	43.8	32.1	17.0	7.4	25.6
1964	8.0	8.2	13.1	19.9	31.8	42.9	42.9	42.2	37.7	30.4	20.4	13.6	44.6
1965	7.9	3.4	13.0	22.4	37.4	42.5	46.2	43.1	27.2	15.1	11.6	24.8	27.1
1966	5.4	6.1	14.1	20.1	30.1	45.3	48.1	47.4	36.8	28.5	27.0	13.4	26.9
1967	8.9	-1.6	9.1	20.4	25.3	48.2	50.1	47.4	42.0	31.8	15.0	11.6	25.7
1968	4.5	-1.5	13.1	19.9	33.6	46.8	49.4	43.8	43.4	32.1	17.0	7.4	26.0
1969	8.0	8.2	9.1	15.2	31.8	45.8	47.1	47.7	43.0	30.8	22.5	10.7	27.4
1970	-3.6	4.9	11.0	22.5	36.9	44.9	51.1	48.3	41.0	34.9	24.2	6.4	26.9
1971	-2.1	8.2	8.6	20.3	34.1	45.0	47.9	46.9	45.2	39.7	18.0	9.6	26.8
1972	5.7	1.3	12.0	16.6	37.9	43.2	49.4	46.0	42.2	26.3	18.6	10.8	25.8
1973	6.0	5.2	22.6	23.5	33.1	46.0	50.4	51.2	38.4	32.6	17.8	16.7	28.6
1974	6.6	2.9	8.5	24.0	29.4	45.0	47.1	48.5	39.0	23.2	23.0	13.5	25.9
1975	4.3	9.6	16.4	40.3	44.5	40.3	44.2	48.3	38.8	32.2	24.8	9.0	25.2
1976	2.6	9.3	13.5	23.7	33.6	48.3	47.1	47.6	38.7	26.5	11.0	0.0	25.2

**** missing data

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	****	3.52	3.58	4.44	6.06	6.69	10.70	2.82	5.58	4.65	8.70	13.35	****
1958	18.25	9.34	8.97	8.32	5.30	****	****	****	****	****	4.55	4.55	****
1959	5.47	4.04	5.21	2.19	3.63	7.46	3.67	5.58	5.86	3.77	8.09	6.12	7.05
1960	4.35	14.67	4.54	4.79	13.41	5.85	5.86	5.46	13.41	5.47	5.47	5.47	81.21
1961	3.00	5.88	3.85	10.69	3.00	5.75	5.17	4.11	5.09	2.52	6.38	4.64	59.98
1962	3.91	6.35	6.53	4.47	3.98	4.53	11.48	11.20	9.42	13.30	8.15	6.68	90.00
1963	4.66	5.60	7.66	9.47	4.31	4.99	6.93	12.77	3.10	3.89	17.57	7.47	85.92
1964	9.21	5.64	8.55	5.14	6.83	6.52	7.71	3.97	2.40	8.15	4.42	4.86	5.79
1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
1966	9.35	6.40	5.19	3.61	4.55	6.88	5.63	10.84	5.57	5.47	5.79	6.66	75.94
1967	4.92	7.28	2.82	6.23	12.68	6.92	6.80	5.36	7.61	6.67	7.45	7.26	82.00
1968	4.12	3.95	7.53	4.74	6.27	11.02	6.18	5.53	3.89	5.75	16.07	16.10	91.15
1969	8.60	2.56	12.22	7.50	5.59	6.01	5.16	7.50	4.17	7.26	14.41	17.23	130.14
1970	5.53	22.29	13.92	8.43	8.36	5.03	5.59	6.76	11.03	6.89	6.15	13.06	113.04
1971	8.18	8.32	10.19	7.57	10.96	4.89	9.25	9.24	5.71	10.18	9.51	10.26	100.26
1972	7.01	13.37	11.75	9.73	6.36	10.40	7.62	8.31	7.34	8.38	15.28	16.06	121.61
1973	11.74	5.72	9.01	15.33	11.59	16.00	4.38	5.16	6.93	7.71	11.87	17.95	121.39
1974	8.26	9.13	15.96	14.62	7.57	7.00	9.84	7.30	9.03	4.34	11.45	16.24	121.04
1975	****	8.92	15.95	13.45	4.32	6.75	8.31	6.50	12.32	6.59	6.37	10.48	****
1976	11.87	12.81	9.42	6.04	11.08	9.07	6.29	10.63	6.65	10.36	13.61	13.57	121.40

MONTHLY EXTREME TEMPERATURES RECORDED AT MT. WASHINGTON
BY YEARS 1957-1976

Year		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1957	Max.	**	39	39	53	58	68	63	61	60	50	49	39	68
	Min.	**	-10	-10	-8	9	25	29	25	12	10	-15	-18	**
1958	Max.	35	32	30	48	54	**	**	**	**	**	**	32	**
	Min.	-23	-24	2	1	10	**	**	**	**	**	**	-22	**
1959	Max.	42	31	31	41	63	63	69	63	67	55	48	37	69
	Min.	-38	-35	-20	-2	15	24	35	26	15	1	-10	-10	-38
1960	Max.	31	32	40	48	61	63	65	64	67	45	42	41	67
	Min.	-34	-16	-24	-1	15	22	32	31	29	8	1	-24	-34
1961	Max.	26	36	38	37	57	62	66	63	63	55	48	35	66
	Min.	-34	-34	-16	6	8	26	31	29	21	6	-3	-18	-34
1962	Max.	33	37	42	52	64	62	60	62	63	53	42	37	64
	Min.	-34	-29	-25	2	7	26	27	32	16	5	0	-41	-41
1963	Max.	31	27	38	41	54	65	70	57	57	56	43	31	70
	Min.	-26	-35	-12	-8	14	20	31	29	16	8	-5	-32	-35
1964	Max.	34	24	41	43	63	62	67	64	58	**	42	42	67
	Min.	-23	-21	-10	-11	14	19	29	28	19	**	-9	-22	-23
1965	Max.	36	35	30	37	56	64	59	68	63	53	36	36	68
	Min.	-38	-27	-16	-7	17	25	28	20	13	2	-6	-16	-38
1966	Max.	36	34	41	40	58	63	65	63	59	49	48	44	65
	Min.	-26	-36	-16	-2	-2	25	31	33	17	-2	-2	-14	-26
1967	Max.	36	31	42	43	49	59	62	60	58	54	47	45	62
	Min.	-29	-41	-26	-11	12	30	34	26	19	13	-7	-19	-41
1968	Max.	32	34	39	50	54	59	67	61	63	56	38	34	67
	Min.	-46	-39	-19	-2	7	23	30	27	23	8	-2	-39	-46
1969	Max.	34	34	32	48	53	68	67	63	59	56	42	38	68
	Min.	-26	-25	-21	-8	8	27	25	26	21	-1	-11	-13	-26
1970	Max.	31	36	33	48	59	64	67	66	59	55	44	32	67
	Min.	-33	-30	-14	-4	9	28	34	29	24	7	-6	-17	-33
1971	Max.	36	37	37	42	59	64	65	66	60	53	49	34	66
	Min.	-36	-32	-9	-2	16	18	29	26	22	15	-6	-24	-36
1972	Max.	37	27	39	36	64	60	66	64	60	49	42	39	66
	Min.	-32	-36	-20	-8	13	19	31	29	19	1	-6	-24	-36
1973	Max.	39	36	41	48	49	65	67	65	63	51	43	42	67
	Min.	-35	-16	0	-6	20	20	31	32	15	14	-6	-20	-35
1974	Max.	35	35	38	48	59	64	63	64	55	47	46	34	64
	Min.	-27	-19	-21	1	2	28	33	35	14	0	-7	-8	-27
1975	Max.	**	41	36	42	62	64	64	72	56	48	47	38	72
	Min.	**	-28	-23	-3	20	23	33	30	23	3	2	-32	**
1976	Max.	39	36	45	60	54	65	65	68	56	51	35	32	68
	Min.	-44	-27	-20	-17	13	23	29	20	21	-2	-11	-33	-44

PINKHAM NOTCH
(1957 - 1976)

MONTHLY TEMPERATURE EXTREMES RECORDED
AT PINKHAM NOTCH, N. H.
FOR THE PERIOD 1957-1976

(Highest)			(Lowest)		
<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>	<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
55	1	1966	JANUARY	1965	-26
58	26	1957	FEBRUARY	1962	-28
68	30	1962	MARCH	1960	-13
82	27	1962	APRIL	1974	-6
89	19	1962	MAY	1968	17
90	13	1973	JUNE	1973	29
91	9	1973	JULY	1968	32
91	3	1975	AUGUST	1976	32
89	8	1960	SEPTEMBER	1965	23
82	7	1963	OCTOBER	1972	3
68	8	1975	NOVEMBER	1972	-1
61	11	1966	DECEMBER	1958	-18

CLIMATE HIGHLIGHTS

1. The mean annual temperature at Pinkham Notch between 1957 and 1976 was 39.5°F.
2. The highest temperature recorded during this time was 91° on July 9, 1973 and August 3, 1975.
3. The lowest recorded temperature was -28° on February 2, 1962.
4. Mean annual precipitation was 57.06 inches.
5. The greatest annual precipitation was 83.41 inches in 1969.
6. The greatest rainfall recorded in a single day was 8.98 inches on October 24, 1959.
7. The total yearly snowfall averaged 167.7".
8. The greatest snowfall in a given month was 130" in February of 1969.
9. The greatest snowfall recorded in a single day was 30" on February 10, 1969.
10. Precipitation totaling .1" or more fell an average of 105 days per year.

CLIMATOLOGICAL SUMMARY

STATION PINKHAM NOTCH
NEW HAMPSHIRELATITUDE 44° 16'
LONGITUDE 71° 15'
ELEV. (GROUND) 2030 ft. (1957-Jar. 1967), 2010 ft. (Feb. 1968-Mar. 1968)
ELEV. (ROUNDS) 2029 ft. (Apr. 1968-1976)

MEANS AND EXTREMES FOR PERIOD 1957-1976

Temperature (°F)	* * *		Precipitation Totals (Inches)			Snow, Sleet			Mean number of days			
	Extremes		Year	Mean	Greatest daily	Year	Monthly maximum	Year	Greatest daily	Year	Temperatures	
	Record	Highest										
Means	Daily maximum	Monthly maximum	Year	Year	Year	Year	Year	Year	Year	Year	Month	
(a) 1957-1976	20.5 5.2 15.4 5.5 19.5 26.5 25.2 25.3 15.2 15.2 15.2 15.2	20.5 5.2 15.4 5.5 19.5 26.5 25.2 25.3 15.2 15.2 15.2 15.2	20.5 5.2 15.4 5.5 19.5 26.5 25.2 25.3 15.2 15.2 15.2 15.2	20 20 20 20 20 20 20 20 20 20 20 20	20 20 20 20 20 20 20 20 20 20 20 20	20.5 2.31 3.75 4.47 4.32 4.30 4.13 4.13 4.10 4.10 4.08 4.08	1958 1959 1960 1961 1962 1963 1963 1963 1964 1964 1965 1967	18.5 19.8 19.9 20.0 19.8 20.0 19.5 19.5 19.5 19.5 19.5 19.5	1958 1959 1960 1961 1962 1963 1963 1963 1964 1964 1965 1967	20 20 20 20 20 20 20 20 20 20 20 20	20 20 20 20 20 20 20 20 20 20 20 20	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
Jan	19.5	13.3	29.6	38.2	46.8	51.1	50.8	56.2	45.8	35.7	1957	
Feb	19.5	13.6	29.6	38.2	46.8	51.1	50.8	56.2	45.8	35.7	1958	
Mar	19.8	13.6	29.6	38.2	46.8	51.1	50.8	56.2	45.8	35.7	1959	
Apr	19.7	13.5	29.6	38.2	46.8	51.1	50.8	56.2	45.8	35.7	1960	
May	19.7	22.5	22.0	38.8	54.9	59.7	61.8	61.7	56.1	42.7	1961	
Jun	11.6	20.9	36.3	48.5	58.9	61.9	61.8	61.7	56.1	42.7	1962	
Jul	29.2	39.5	91	1975+	1973	1973	1973	1973	1973	1973	1973	
Aug	23.3	33.5	43.9	82	91	1973	1973	1973	1973	1973	1973	
Sep	19.2	24.1	32.2	63	79	1975	1975	1975	1975	1975	1975	
Oct	15.2	19.2	26.1	61	79	1976	1976	1976	1976	1976	1976	
Nov	9.9	12.2	19.2	61	79	1976	1976	1976	1976	1976	1976	
Dec	23.4	29.4	39.5	91	1975+	1973	1973	1973	1973	1973	1973	
Year	49.7	50.5	51.1	1975+	1973	1973	1973	1973	1973	1973	1973	

(a) Average length of record, years.

† Trace, an amount too small to measure.

** Base 65°F

+ Also on earlier dates, months, or years.

* Less than one half.

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	21.3	27.8	39.7	51.1	61.9	60.7	58.8	56.2	45.8	35.7	26.3	15.2	1957
1958	19.5	23.3	33.6	40.0	46.8	51.1	50.8	56.2	45.8	35.7	26.3	15.2	1958
1959	19.8	23.6	33.6	40.0	46.8	51.1	50.8	56.2	45.8	35.7	26.3	15.2	1959
1960	19.7	23.5	33.6	40.0	46.8	51.1	50.8	56.2	45.8	35.7	26.3	15.2	1960
1961	11.6	20.9	36.3	48.5	58.9	61.9	61.8	61.7	56.1	42.7	31.7	15.2	1961
1962	14.5	23.4	28.6	39.2	49.4	59.7	59.0	60.8	52.0	43.6	30.1	18.7	1962
1963	15.7	23.3	27.9	37.1	49.5	61.2	64.6	57.7	51.4	51.3	36.7	11.7	1963
1964	19.3	21.3	28.2	36.9	53.1	57.5	63.6	56.5	51.6	42.7	32.1	20.6	1964
1965	12.2	17.0	24.5	34.5	52.4	58.4	61.1	53.9	42.4	34.7	21.4	11.0	1965
1966	16.7	17.2	25.5	35.1	46.5	59.2	62.2	61.9	56.1	42.4	34.7	21.5	1966
1967	20.2	20.5	21.3	34.1	42.1	61.2	63.3	61.0	53.2	43.7	38.3	17.6	1967
1968	9.9	11.3	20.6	42.3	47.7	56.9	64.8	58.9	55.6	46.5	28.1	1.65	1968
1969	16.3	18.1	22.9	36.3	47.6	59.0	60.7	62.3	54.5	42.7	33.0	19.4	1969
1970	9.5	15.9	24.3	34.9	51.4	58.9	64.9	56.2	45.0	33.6	14.1	39.0	1970
1971	9.7	12.2	21.0	32.5	40.4	57.8	63.0	58.0	52.6	37.9	28.0	20.0	1971
1972	15.3	14.5	21.0	32.0	38.9	46.7	59.4	54.7	46.7	34.7	24.5	10.9	1972
1973	16.6	15.2	23.5	38.0	44.7	59.4	64.7	58.0	52.6	37.9	28.0	13.7	1973
1974	16.7	15.7	23.5	38.0	44.7	59.4	64.7	58.0	52.6	37.9	28.0	13.7	1974
1975	15.2	14.7	22.8	35.6	46.5	59.4	65.0	60.5	53.6	42.7	32.7	12.1	1975
1976	16.8	15.8	23.5	38.0	44.7	59.4	65.0	60.5	53.6	42.7	32.7	12.1	1976

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	4.33	2.15	1.52	3.26	4.30	5.65	1.11	2.78	3.81	6.44	9.95	9.95	1957
1958	10.26	4.38	6.07	6.31	4.54	4.54	1.45	1.26	2.38	1.59	3.81	2.40	1958
1959	5.21	2.97	5.19	5.19	5.21	5.21	2.97	2.97	3.98	3.16	5.93	3.23	1959
1960	2.62	2.62	7.59	7.59	3.98	3.98	8.30	4.53	5.32	8.84	8.51	6.00	1960
1961	2.00	3.75	2.01	4.96	3.75	3.75	2.01	4.96	5.00	4.86	5.02	5.19	1961
1962	2.69	3.15	2.69	4.26	3.15	3.15	2.69	6.77	6.77	6.32	5.48	5.87	1962
1963	2.69	3.50	2.69	4.06	3.50	3.50	2.69	4.06	4.06	4.06	4.06	4.06	1963
1964	5.51	2.50	4.37	3.31	4.37	4.37	3.31	4.37	4.37	4.37	4.37	4.37	1964
1965	1.52	3.99	1.71	2.11	1.71	1.71	1.71	2.11	2.11	2.11	2.11	2.11	1965
1966	4.64	3.99	4.64	4.12	5.34	5.34	4.12	5.34	5.34	5.34	5.34	5.34	1966
1967	2.56	3.71	1.65	4.96	3.71	3.71	1.65	4.96	4.96	4.96	4.96	4.96	1967
1968	4.79	2.29	2.06	6.28	2.29	2.29	2.06	6.28	6.28	6.28	6.28	6.28	1968
1969	4.73	2.27	2.05	5.22	2.27	2.27	2.05	5.22	5.22	5.22	5.22	5.22	1969
1970	1.05	5.83	3.70	3.74	4.47	4.47	3.70	3.74	3.74	3.74	3.74	3.74	1970
1971	4.15	4.84	4.23	4.84	4.84	4.84	4.23	4.84	4.84	4.84	4.84	4.84	1971
1972	2.63	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	1972
1973	2.08	4.08	2.51	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	1973
1974	1.97	3.98	3.98	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	1974
1975	1.97	3.32	6.64	6.64	6.64	6.64	6.64	6.64	6.64	6.64	6.64	6.64	1975
1976	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	1976

**** Missing data.

MONTHLY EXTREME TEMPERATURES RECORDED AT PINKHAM NOTCH
BY YEARS 1957-1976

Year		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1957	Max.	**	58	55	78	79	84	81	80	82	72	55	51	84
	Min.	**	-9	6	13	28	36	43	35	32	22	3	2	**
1958	Max.	40	42	49	67	77	**	**	**	**	**	**	36	**
	Min.	-14	-16	8	16	23	**	**	**	**	**	**	-18	-18
1959	Max.	51	40	55	65	82	83	88	86	84	70	62	43	88
	Min.	-17	-19	-4	14	31	38	42	37	29	19	9	-8	-19
1960	Max.	40	44	51	63	80	82	83	84	89	61	56	52	89
	Min.	-20	2	-13	16	32	34	43	37	34	20	11	-16	-20
1961	Max.	47	56	54	64	83	79	86	82	83	79	62	41	86
	Min.	-22	-14	-2	20	28	30	45	40	31	25	14	-7	-22
1962	Max.	46	44	68	82	89	84	78	79	73	73	58	54	89
	Min.	-16	-28	-8	12	23	37	36	42	27	20	10	-19	-28
1963	Max.	43	42	61	63	73	84	88	78	75	82	58	42	88
	Min.	-14	-18	-5	14	23	40	40	40	28	26	14	-12	-18
1964	Max.	44	37	56	69	84	84	87	80	79	78	56	53	87
	Min.	-8	-12	7	1	30	32	42	41	27	19	2	-4	-12
1965	Max.	52	49	53	60	72	82	79	89	85	75	56	49	89
	Min.	-26	-12	2	12	28	38	41	33	23	20	12	-5	-26
1966	Max.	55	54	50	55	82	82	86	81	76	75	59	61	86
	Min.	-13	-21	1	17	20	35	42	41	28	8	12	0	-21
1967	Max.	53	46	56	67	66	84	80	79	76	77	60	50	84
	Min.	-16	-23	-10	10	25	33	47	39	32	23	2	-9	-23
1968	Max.	41	40	53	76	75	81	86	84	70	78	51	49	86
	Min.	-24	-15	-11	17	17	38	32	37	34	27	7	-19	-24
1969	Max.	47	42	49	66	81	86	87	81	82	71	54	49	87
	Min.	-12	-9	-1	2	25	36	40	39	29	18	5	-8	-12
1970	Max.	48	46	48	73	80	85	85	85	83	73	63	51	85
	Min.	-15	-15	-1	2	23	33	44	44	31	20	9	-14	-15
1971	Max.	45	42	51	58	79	85	88	84	79	74	64	51	88
	Min.	-26	-18	2	11	28	33	40	36	34	24	4	-11	-26
1972	Max.	49	45	49	54	83	80	84	83	79	68	55	48	84
	Min.	-18	-16	-13	8	24	36	40	37	29	3	-1	-6	-18
1973	Max.	53	47	55	74	71	90	91	86	82	71	60	53	91
	Min.	-18	-19	-2	11	29	29	43	37	24	12	3	-5	-19
1974	Max.	54	46	59	74	84	86	84	80	78	69	67	46	86
	Min.	-21	-11	-10	-6	22	37	42	41	23	8	5	2	-21
1975	Max.	**	49	51	59	85	87	85	91	72	70	68	55	91
	Min.	**	-27	-5	1	19	31	43	34	28	20	14	-13	**
1976	Max.	**	**	67	**	**	**	**	86	78	73	56	40	**
	Min.	**	**	0	**	**	**	**	32	26	17	8	-12	**

CONWAY

(1959 - 1975)

MONTHLY TEMPERATURE EXTREMES RECORDED
AT CONWAY, N. H.
FOR THE PERIOD 1959-1975

(Highest)			(Lowest)		
<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>	<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
56	1	1966	JANUARY	1971	20 -34
58	11	1966	FEBRUARY	1962	2 -34
70	26	1963	MARCH	1972	10 -22
90	27	1962	APRIL	1964	1 0
94	19	1962	MAY	1966	3 18
96	30	1964	JUNE	1961	7 29
98	28	1963	JULY	1965+	7 33
98	16	1965	AUGUST	1965	31 26
98	8	1960	SEPTEMBER	1965+	28 20
88	7	1963	OCTOBER	1972	21 10
72	1	1971	NOVEMBER	1972	23 -4
61	11	1966	DECEMBER	1960	28 -24

+ Also recorded on earlier dates.

CLIMATE HIGHLIGHTS

1. The mean annual temperature at Conway between 1959 and 1972 was 43.3°F.
2. The highest temperature recorded during this time was 98° on September 8, 1960, July 28, 1963 and on August 16, 1965.
3. The lowest recorded temperature was -34° on February 2, 1962 and on January 20, 1971.
4. The average annual precipitation over 14 years was 46.69 inches of rain.
5. The greatest annual precipitation recorded during this time was 55.88 inches in 1960.
6. The greatest rainfall in a single day was 5.51 inches on September 12, 1960.
7. Conway received an average of 117" of snow per year.
8. The greatest monthly snowfall in the 14 years of record was 67.5" in February of 1969.
9. Precipitation totaling .1 inches or more fell an average of 84 days a year.

CONWAY 1 N., NEW HAMPSHIRE

CLIMATOLOGICAL SUMMARY

STATION CONWAY 1 N.
NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1959-1972

Month	Temperature (°F)			Precipitation Totals (Inches)			Mean number of days			
	Extremes			Snow, Sleet			Temperatures			
	Year	Year	Year	Year	Year	Year	Max.	Min.	Month	
(a) Daily	14	14	14	14	14	14	14	14	Jan	
Jan	30.1	4.8	17.5	1966	-34	1971	14	14	Jan	
Feb	32.3	5.5	18.9	1966	-34	1972	14	14	Feb	
Mar	41.0	18.7	29.9	1963	-22	1972	14	14	Mar	
Apr	53.9	28.4	41.2	1962	0	1964	14	14	Apr	
May	68.3	39.5	53.9	1962	18	1966	14	14	May	
Jun	77.1	49.2	63.2	1964	29	1961	14	14	Jun	
Jul	81.3	53.8	67.6	1963	33	1965*	14	14	Jul	
Aug	78.9	51.7	65.3	1965	26	1965*	14	14	Aug	
Sep	71.1	44.3	57.7	1960	20	1965*	14	14	Sep	
Oct	59.9	34.1	47.0	1963	10	1972	14	14	Oct	
Nov	44.8	25.5	35.2	1971	72	1971	14	14	Nov	
Dec	32.6	11.6	22.1	61	1966	-24	1960	14	14	Dec
Year	55.9	30.6	43.3	98	Aug	1965	-34	14	Year	
					Jan	1971	5.51	1960		
							117.0	1969		
							67.5	1969		
								84		
								8		
								54		
								190		
								32		

(a) Average length of record, years.

† Trace, an amount too small to measure.

** Base 65°F

+ Also on earlier dates, months, or years.

* Less than one half.

Data not recorded.

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1959	17.2	15.7	28.2	43.8	58.0	61.8	70.9	69.3	59.1	46.2	35.7	26.9	53.3
1960	20.4	20.4	42.4	42.4	58.3	62.8	65.6	65.6	58.8	45.1	31.7	18.1	52.7
1961	12.7	12.7	29.4	40.8	51.9	62.2	63.2	63.2	65.4	50.5	45.5	20.9	44.0
1962	16.1	12.9	32.6	41.7	51.9	62.2	63.8	63.8	65.4	54.7	41.9	13.5	41.9
1963	18.8	14.0	31.5	41.3	53.5	64.2	69.8	69.8	62.5	52.3	39.2	13.5	42.9
1964	20.8	20.0	32.2	40.8	56.2	63.8	68.6	68.6	59.2	53.1	44.7	33.9	43.0
1965	16.1	24.2	29.5	39.7	55.8	62.5	63.7	66.1	56.6	44.7	32.8	25.3	43.1
1966	20.4	21.8	32.8	39.3	50.8	63.5	67.1	65.7	53.2	44.8	38.1	24.0	43.5
1967	22.5	15.1	26.5	39.5	47.5	65.6	68.7	66.8	58.6	46.7	31.1	21.4	42.8
1968	13.1	15.5	32.9	45.3	51.5	60.1	63.1	60.2	49.3	33.1	21.4	14.8	33.1
1969	19.5	22.9	28.6	41.7	53.1	64.2	66.2	68.1	58.5	46.2	31.3	25.3	44.3
1970	13.0	20.9	30.5	42.0	56.9	63.5	70.7	67.7	58.5	49.3	37.1	18.0	44.0
1971	11.0	21.0	30.1	40.1	54.1	64.8	67.8	65.5	60.6	51.3	32.6	23.7	43.6
1972	17.9	18.4	27.5	37.4	55.3	62.1	68.0	63.6	56.9	42.1	22.7	22.0	42.0

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1959	4.67	3.00	5.20	2.59	.59	5.20	2.59	1.86	4.68	2.70	7.59	7.52	45.64
1960	3.59	6.33	3.24	4.24	8.51	3.67	5.24	5.24	5.67	5.24	1.30	7.25	55.88
1961	1.22	4.49	2.50	5.29	4.16	3.99	4.16	3.99	6.80	1.25	3.70	4.93	43.93
1962	3.69	3.58	2.82	5.15	2.48	4.63	4.63	4.63	4.63	4.36	4.36	4.48	51.45
1963	3.47	2.95	4.29	3.34	3.52	1.96	2.79	5.63	1.88	1.88	1.26	2.46	46.47
1964	5.08	1.51	4.69	3.43	2.30	1.26	4.16	4.93	3.90	2.46	4.71	3.84	39.27
1965	2.09	4.26	.81	2.13	.45	3.62	3.71	3.62	3.18	4.67	2.25	35.16	35.16
1966	3.36	2.42	3.25	1.49	3.07	3.95	2.33	3.95	3.61	5.71	2.86	4.54	50.13
1967	1.80	3.96	1.61	3.82	4.89	4.67	3.93	3.93	3.64	2.01	3.39	5.70	41.28
1968	2.17	1.66	4.93	5.58	4.86	5.25	1.56	1.97	2.61	2.56	7.43	47.88	55.37
1969	3.25	6.32	3.82	3.82	4.13	3.04	4.49	4.57	2.96	7.96	7.97	45.85	45.85
1970	.86	7.24	3.97	3.93	3.15	2.10	2.10	2.10	3.51	7.22	3.48	44.77	44.77
1971	3.17	5.10	3.37	1.47	3.72	5.19	3.72	3.72	3.72	5.19	3.40	3.52	35.59
1972	2.23	4.78	2.78	2.78	4.92	6.11	3.87	3.87	2.93	6.77	2.22	2.22	55.26

MONTHLY EXTREME TEMPERATURES RECORDED AT CONWAY
BY YEARS 1959-1972

Year		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1959	Max.	45	47	61	76	92	90	96	97	92	80	68	48	97
	Min.	-19	-20	-1	17	24	36	43	37	24	13	8	-5	-20
1960	Max.	43	53	49	71	88	89	92	92	98	65	60	55	92
	Min.	-24	-4	-12	15	27	30	39	39	30	16	13	-24	-24
1961	Max.	49	57	61	69	89	90	90	90	94	77	67	45	94
	Min.	-27	-18	-3	20	21	29	38	33	26	24	13	-10	-27
1962	Max.	46	46	68	90	94	91	89	86	81	77	59	61	94
	Min.	-15	-34	-10	10	24	34	33	40	23	18	9	-15	-34
1963	Max.	47	44	70	71	81	94	98	88	84	88	65	44	98
	Min.	-24	-28	-1	18	25	33	40	36	20	21	16	-19	-28
1964	Max.	46	42	61	76	93	96	95	86	82	82	65	47	96
	Min.	-22	-19	8	0	24	31	44	33	22	14	3	-11	-22
1965	Max.	48	49	60	77	85	92	90	98	90	82	61	52	98
	Min.	-23	-20	0	8	23	33	33	26	20	20	12	-6	-23
1966	Max.	56	58	58	66	86	91	97	90	84	81	64	61	97
	Min.	-19	-15	3	18	18	33	36	38	23	13	8	-10	-19
1967	Max.	50	54	65	74	76	92	85	88	84	80	66	50	92
	Min.	-18	-28	-16	13	25	32	41	38	27	15	2	-9	-28
1968	Max.	45	48	64	85	81	87	95	92	86	84	53	45	95
	Min.	-32	-16	-8	17	21	38	37	33	30	25	6	-22	-32
1969	Max.	51	49	55	75	89	94	96	90	90	74	58	57	96
	Min.	-18	-18	-10	1	24	34	35	34	28	15	6	-19	-19
1970	Max.	48	46	56	83	89	90	96	95	90	80	65	56	96
	Min.	-23	-13	0	11	32	35	46	40	33	18	8	-23	-23
1971	Max.	42	48	57	64	85	95	92	92	88	85	72	52	95
	Min.	-34	-30	2	12	27	33	40	33	28	26	6	-14	-34
1972	Max.	51	52	64	74	90	87	90	86	85	74	56	48	90
	Min.	-22	-22	-22	13	25	32	41	34	28	10	-4	-10	-22

BENTON 5.S.W.

(1967 - 1976)

MONTHLY TEMPERATURE EXTREMES RECORDED
AT BENTON, N. H.
FOR THE PERIOD 1967-1976

(Highest)

(Lowest)

<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>		<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
55	27	1974	JANUARY	1974	18	-25
59	26	197	FEBRUARY	1967	13	-25
65	31	1968+	MARCH	1967	19	-18
87	19	1976	APRIL	1969	1	3
87	23	1975	MAY	1967	7	21
90	27	1969	JUNE	1975	9	32
91	8	1973	JULY	1969	8	38
94	2	1975	AUGUST	1968	19	37
86	3	1973+	SEPTEMBER	1974	24	25
80	3	1967	OCTOBER	1969	24	13
69	8	1975	NOVEMBER	1972	17	3
58	6	1973	DECEMBER	1968	26	-20

+ Also recorded on earlier dates.

CLIMATE HIGHLIGHTS

1. The mean annual temperature at Benton between 1967 and 1976 was 73°F.
2. The highest temperature recorded during this period was 94° on August 2, 1975.
3. The lowest recorded temperature was -25° on February 13, 1967 and on January 18, 1974.
4. Mean annual precipitation (10 years) was 38.2 inches.
5. The greatest total precipitation recorded in a calendar year was 44.59 inches in 1973.
6. The greatest rainfall recorded in a single day was 4.27 inches on June 30, 1973.
7. On the average, 88.7 inches of snow falls each year.
8. The greatest snowfall recorded in a single month was 52 inches in February of 1969.
9. The greatest snowfall in a single day was 26 inches on February 25, 1969.
10. Precipitation totaling .1 inches or more fell an average of 85 days a year.

LATITUDE 44° 02'
LONGITUDE 71° 56'
ELEV. (GROUND) 1200 ft.

CLIMATOLOGICAL SUMMARY

MEANS AND EXTREMES FOR PERIOD 1967-1976

STATION BENTON 5, S.W.
NEW HAMPSHIRE

Month	Temperature (°F)			Precipitation Totals (Inches)			Mean number of days			
	Means		Extremes		Year	Mean	Snow, Sleet		Temperatures	
	Daily maximum	Daily minimum	Record highest	Record lowest			Yearly monthly maximum	Yearly daily greatest	Max. Min.	Max. Min.
(a)	10	10	10	10	1974	10	10	10	10	10
Jan	26.6	5.9	16.3	5.5	1974	1.93	1.25	1973	16.5	1968
Feb	29.7	8.1	18.9	5.9	1976	-25	2.20	1969	18.5	1969
Mar	38.6	18.6	28.6	6.5	1968*	-18	1.62	1974	15.4	1971
Apr	52.0	29.9	41.0	8.7	1976	3	1.72	1975	7.2	1975
May	64.1	40.5	52.3	87	1975*	21	1.90	1975	1.3	1971
Jun	74.4	51.0	62.7	90	1969	32	1.13	1975	0.1	1967
Jul	78.1	55.0	66.6	91	1973	38	1969	4.1	3.50	1969
Aug	76.1	53.0	64.6	94	1975	37	1968	74	3.56	1972
Sep	67.2	46.0	56.6	86	1975*	25	1974	2.97	1.46	1967
Oct	56.9	36.2	46.6	80	1967	13	1969	563	3.07	1975
Nov	41.4	26.2	33.8	69	1975	3	1972	929	3.25	1974
Dec	30.5	13.1	21.8	58	1973	-20	1968	1333	3.82	1969
Year	53.0	32.0	43.0	94	Aug	-25	Jan	8348	38.20	4.27
				1975	1974		1973	88.7	52.0	Feb
							1973	1969	26.0	1969
										Year

(a) Average length of record, years.

† Trace, an amount too small to measure.

** Base 65°F

+ Also on earlier dates, months, or years.

* Less than one half.

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1967	23.6	14.2	24.7	38.8	45.6	64.7	66.9	64.1	55.3	47.5	30.2	24.3	41.7
1968	11.6	13.5	32.1	45.9	51.3	60.5	67.7	63.0	59.7	49.4	32.0	18.9	42.1
1969	18.6	21.3	26.7	42.5	51.6	62.8	65.0	66.1	57.6	46.2	37.2	20.7	43.0
1970	7.7	20.4	28.0	41.8	55.1	62.1	68.3	65.4	57.6	49.3	37.4	16.5	42.5
1971	11.4	21.5	26.5	38.0	52.4	62.7	65.9	64.1	60.4	52.2	31.1	23.8	42.5
1972	20.0	18.2	26.8	35.7	55.1	61.5	67.0	63.1	56.5	42.4	31.3	23.3	41.7
1973	20.7	17.1	36.9	43.2	51.7	63.6	68.1	68.2	55.0	47.5	34.5	26.9	44.5
1974	20.5	17.9	27.5	43.4	49.6	62.0	65.5	64.3	55.5	41.2	34.7	26.8	42.4
1975	22.8	20.6	26.6	36.1	58.8	62.2	68.3	64.2	54.3	47.8	39.8	21.1	43.6
1976	12.2	24.5	30.8	44.4	52.3	65.3	63.4	62.9	54.4	42.4	30.1	15.8	41.5

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1967	1.18	1.88	1.35	3.35	5.78	1.74	7.92	2.82	3.28	3.40	1.95	3.12	37.78
1968	1.48	1.32	2.30	2.92	3.54	4.07	1.50	2.07	1.86	2.41	3.87	4.57	31.91
1969	1.72	4.10	2.66	3.50	2.18	2.37	5.44	5.07	1.65	1.90	5.24	6.03	41.86
1970	.59	2.78	2.38	2.64	2.83	3.58	2.48	3.59	3.68	2.91	1.87	2.82	32.15
1971	1.49	2.62	2.53	1.30	4.11	3.22	6.31	3.75	2.10	2.52	2.71	2.16	34.82
1972	1.27	2.49	3.48	1.95	2.76	4.42	4.88	3.90	1.13	2.91	4.22	4.23	37.64
1973	3.15	1.45	1.42	3.17	5.14	11.17	1.84	2.94	2.32	2.43	3.10	6.46	44.59
1974	2.63	2.26	3.23	2.74	4.62	2.93	5.28	4.03	5.21	1.33	3.80	3.36	41.42
1975	2.06	1.40	2.09	2.81	1.73	3.85	4.15	2.37	4.27	4.91	3.94	3.10	36.66
1976	3.69	2.64	2.59	2.85	4.45	4.14	3.54	5.08	4.15	5.98	1.78	2.38	44.27

MONTHLY EXTREME TEMPERATURES RECORDED AT BENTON
BY YEARS 1967-1976

Year		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1967	Max.	52	47	59	69	73	85	84	82	73	80	61	51	85
	Min.	-16	-25	-18	12	21	34	42	39	29	23	5	-7	-25
1968	Max.	41	48	64	79	77	84	89	86	81	79	55	48	89
	Min.	-24	-15	-6	18	27	40	41	37	33	27	10	-20	-24
1969	Max.	49	44	53	80	83	90	91	85	85	73	61	55	91
	Min.	-12	-8	-10	3	27	36	38	39	30	13	6	-17	-17
1970	Max.	47	49	59	78	86	85	90	88	86	78	64	55	90
	Min.	-20	-16	1	12	29	35	44	42	36	21	11	-17	-20
1971	Max.	42	47	51	60	85	89	86	86	83	79	66	49	89
	Min.	-23	-23	2	13	28	35	37	39	31	28	5	-9	-23
1972	Max.	52	50	63	68	83	82	87	83	80	71	55	49	87
	Min.	-18	-15	-9	9	26	33	41	38	32	16	3	-7	-18
1973	Max.	53	50	61	79	71	87	91	89	86	74	63	58	91
	Min.	-23	-22	10	14	27	33	45	41	27	22	11	-6	-23
1974	Max.	55	48	60	78	87	86	87	84	79	72	68	52	87
	Min.	-25	-23	-6	17	22	38	43	42	25	15	6	2	-25
1975	Max.	**	48	52	64	87	88	**	94	73	71	69	54	**
	Min.	**	-13	-3	12	29	32	42	39	29	22	14	-18	**
1976	Max.	50	59	65	87	79	86	86	88	80	71	57	44	88
	Min.	-24	-5	-5	9	28	33	42	32	28	17	4	-15	-24

** Missing data

PETERBORO 2 S.
(1959 - 1968)

MONTHLY TEMPERATURE EXTREMES RECORDED
 AT PETERBORO 2 S., N. H.
 FOR THE PERIOD 1959-1968

(Highest)			(Lowest)		
<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>	<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
56	24	1967	JANUARY	1961	24
60	19	1961	FEBRUARY	1966+	7
69	31	1968	MARCH	1967	19
90	27	1962	APRIL	1964	1
94	19	1962	MAY	1966	3
94	12	1967	JUNE	1964	6
95	26	1963	JULY	1965	7
94	7	1965	AUGUST	1965	31
89	4	1961	SEPTEMBER	1967+	12
81	16	1964	OCTOBER	1964	8
69	6	1959	NOVEMBER	1967	30
65	9	1966	DECEMBER	1968+	26

+ Also recorded on earlier dates.

CLIMATE HIGHLIGHTS

1. The mean annual temperature at Peterboro between 1959 and 1968 was 44.4°F.
2. The highest temperature recorded during this time was 95° on July 26, 1963.
3. The lowest recorded temperature was -20° on February 7, 1966.
4. The average yearly precipitation during the ten years was 41.19 inches.
5. The greatest precipitation recorded in a calendar year was 50.33 inches in 1960.
6. The greatest rainfall recorded in one day was 5.08 inches on September 12, 1960.
7. The station site received an average of 98.3 inches of snow each year.
8. The maximum amount of snowfall recorded in a single month was 45" in January of 1966.
9. Precipitation totaling .1 inches or more fell an average of 76 days a year.

PETERBORO 2 S., NEW HAMPSHIRE

CLIMATOLOGICAL SUMMARY

LATITUDE 42° 51'
LONGITUDE 71° 57'
ELEV. GROUND (ft.) 1020

MEANS AND EXTREMES FOR PERIOD 1959-1968

PETERBOROUGH 2 S.
NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1959-1968

MEANS AND EXTREMES FOR PERIOD 1959-1968

Year	Temperature (°F)		Precipitation Totals (Inches)				Mean number of days				
	Extremes		Snow, Sleet		Temperatures		Min.		Max.		
	Month	Daily maximum	Year	Record highest	Year	Cretest daily	Year	Month	Year	Max. and below	
(a) 1963	Jan	31.2	11.4	21.3	1967	1961	1964	19.8	45.0	1966	
	Feb	32.3	20.5	21.4	1961	-17	1961	2.82	2.07	###	
	Mar	41.6	20.3	31.1	1968	-14	1967	2.95	1.82	###	
	Apr	55.1	30.1	42.6	1962	5	1964	3.55	2.72	###	
	May	67.7	40.2	54.2	1962	19	1966	6.65	3.16	###	
	Jun	76.2	49.4	62.8	1967	29	1964	3.09	1.71	1962	
	Jul	79.8	54.1	67.0	1963	33	1965	47	3.23	1964	
	Aug	76.8	52.7	64.8	1965	28	1965	78	3.74	1959	
	Sep	70.6	45.2	57.9	1961	29	1967	238	3.61	1960	
	Oct	60.7	36.7	48.6	1964	14	1964	5.08	3.10	1959	
	Nov	46.4	27.3	36.9	1967	3	1967	4.40	2.78	1963	
	Dec	33.5	15.4	24.5	1966	-13	1968	1219	3.62	1962	
	Year	56.0	32.8	44.4	95	Jul	-20	Feb	7705	41.19	5.08
								Sep	98.3	45.0	1966
								1960	76	4	182
									19	50	19

(a) Average length of record, years.

I Trace, an amount too small to measure.

Page 66 of 67

+ Also on earlier dates, months, or years.

* Less than one half.

114# Data not recorded

Average Temperature ($^{\circ}\text{F}$)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Actual
1959	22.3	21.1	30.1	44.1	60.0	62.1	70.4	68.5	61.9	48.4	37.4	27.6	46.2
1960	23.3	26.4	33.7	43.9	55.7	62.4	65.4	65.8	58.1	46.5	39.3	21.4	44.3
1961	16.3	25.1	32.7	41.3	52.1	63.4	65.8	***	63.7	57.1	37.1	24.5	***
1962	20.4	18.3	31.7	42.7	61.1	64.8	56.1	47.7	34.8	22.5	43.0	44.7	44.8
1963	20.8	18.2	32.9	43.0	51.4	63.5	69.0	63.7	55.2	54.3	42.1	19.1	44.7
1964	24.3	21.6	33.4	42.2	58.0	62.8	68.7	61.4	56.8	47.3	38.5	26.0	45.1
1965	19.4	22.3	30.9	40.8	57.5	61.4	64.5	65.7	57.9	46.6	34.3	27.6	44.1
1966	20.6	22.6	32.6	39.8	50.6	62.2	66.0	62.4	52.8	44.7	38.5	26.7	43.3
1967	27.2	19.1	27.6	41.2	47.1	61.9	68.9	66.2	57.3	48.9	32.4	27.5	44.8
1968	18.5	20.2	31.5	47.1	57.1	65.8	64.6	59.6	50.7	44.5	34.4	27.5	44.8

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1959	****	2.81	4.69	3.35	1.22	5.39	3.16	6.66	2.04	8.40	5.45	4.44	*****
1960	3.42	4.92	3.37	4.00	4.15	5.94	4.26	8.94	2.00	5.69	2.85	50.33	*****
1961	2.21	3.28	4.26	5.87	3.75	5.39	4.28	****	4.32	2.13	3.44	3.57	*****
1962	3.10	3.27	2.11	3.61	2.11	2.39	5.07	3.58	3.00	7.42	3.22	3.72	40.70
1963	2.64	2.42	2.71	1.00	2.18	1.40	1.72	5.04	2.88	.96	10.31	2.84	36.10
1964	5.16	2.94	3.98	2.42	1.37	.63	4.12	3.13	.57	1.51	2.44	4.01	32.28
1965	1.48	2.63	1.91	3.12	1.33	2.22	3.65	3.29	3.05	3.82	2.65	1.17	31.85
1966	3.72	3.28	2.64	1.05	2.64	1.66	2.69	2.15	4.44	4.04	3.19	2.21	33.71
1967	1.34	3.20	3.26	5.18	7.13	4.07	3.60	3.70	3.18	1.67	3.04	5.98	45.45
1968	2.30	3.73	6.49	1.99	5.04	7.78	1.54	3.08	3.61	2.57	7.40	5.40	47.93

MISSING DATA

MONTHLY EXTREME TEMPERATURES RECORDED AT PETERBORO
BY YEARS 1959-1968

<u>Year</u>		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1959	Max.	55	46	58	74	86	90	92	90	88	76	69	46	92
	Min.	-8	-7	5	20	32	41	48	40	31	18	12	-1	-8
1960	Max.	47	51	55	73	81	86	88	86	88	76	60	53	88
	Min.	-2	4	-5	18	30	35	38	39	30	19	13	-13	-13
1961	Max.	48	60	63	68	87	90	86	**	89	77	67	49	**
	Min.	-17	-16	4	21	24	31	36	**	27	20	12	-3	-17
1962	Max.	50	50	68	90	94	86	88	84	82	77	66	62	94
	Min.	-8	-20	-4	13	25	35	33	38	23	18	12	-12	-20
1963	Max.	48	42	65	72	81	89	95	86	81	85	66	46	95
	Min.	-10	-13	0	20	26	36	37	36	22	23	19	-9	-13
1964	Max.	48	42	57	77	88	92	94	89	86	81	66	60	94
	Min.	-4	-8	11	5	24	29	39	35	22	14	10	-7	-7
1965	Max.	47	52	56	74	86	90	92	94	88	82	59	57	94
	Min.	-14	-14	8	7	29	31	33	28	19	20	11	-5	-14
1966	Max.	55	52	61	66	83	90	94	85	82	74	63	65	94
	Min.	-10	-20	4	20	19	32	35	37	27	15	7	-2	-10
1967	Max.	56	53	64	72	77	94	85	84	82	80	63	52	94
	Min.	-5	-19	-14	11	25	31	45	38	29	17	3	-4	-19
1968	Max.	44	44	69	81	76	87	91	89	82	80	61	48	91
	Min.	-15	-9	-1	20	24	41	39	37	31	24	15	-13	-15

FIRST CONNECTICUT LAKE
(1972 - 1976)

MONTHLY TEMPERATURE EXTREMES RECORDED
AT FIRST CONNECTICUT LAKE, N. H.
FOR THE PERIOD 1972-1976

(Highest)			(Lowest)		
<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>	<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
55	20	1973	JANUARY	1974	18 -39
54	27	1976	FEBRUARY	1973+	19 -40
61	6	1976	MARCH	1972	10 -28
82	20	1976	APRIL	1972	8 -10
85	24	1975	MAY	1974	2 19
85	24	1975	JUNE	1972	11 28
88	9	1973	JULY	1972	6 34
91	3	1975	AUGUST	1976	31 31
84	6	1973+	SEPTEMBER	1974+	25 25
71	26	1975	OCTOBER	1972	20 8
67	8	1975	NOVEMBER	1974+	29 0
52	1	1975	DECEMBER	1975+	21 -28

+ Also recorded on earlier dates.

CLIMATE HIGHLIGHTS

1. The mean annual temperature at this weather station between 1972 and 1976 was 45.5°F.
2. The highest temperature recorded during this period was 91° on August 3, 1975.
3. The lowest temperature was -40° on February 19, 1973.
4. The mean annual precipitation was 40.71 inches of rain between 1972 and 1976 and 43.35 inches between 1918 and 1976.
5. The greatest rainfall recorded in a single day during five years was 1.97 inches on August 27, 1975.
6. Annual snowfall averaged 165.2" between 1972 and 1976.
7. The greatest monthly snowfall during this time was 55.8" in December of 1972.
8. The greatest snowfall in one day was 13" on March 17, 1976.
9. Precipitation totaling .1 inches or more fell an average of 116 days a year.

LATITUDE 45° 6'
LONGITUDE 71° 17'
ELEV. (GROUND) 1660 ft.

CLIMATOLOGICAL SUMMARY

STATION FIRST CONNECTICUT LAKE
NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1972-1976

Year	Temperature (°F)						Precipitation Totals (Inches)						Mean number of days						
	Means			Extremes			Snow, Sleet			Temperatures			Month						
	Daily maximum	Monthly maximum	Daily minimum	Record highest	Record lowest	Year	Year	Year	Year	Year	Year	Year	Max daily	Month	Max.	Min.			
(a)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Jan	22.4	-2.3	10.1	55	1973	-39	1974	1702	3.23	1.73	1976	34.4	46.6	1976	9.5	1976	8	0	22
Feb	22.9	-4.2	9.4	54	1976	-40	1973*	1578	2.64	1.39	1974	30.0	37.0	1975	11.0	1972	9	0	22
Mar	33.4	9.3	21.4	61	1976	-28	1972	1347	3.89	1.50	1974	29.5	40.0	1972	13.0	1976	11	0	16
Apr	43.9	22.4	33.2	82	1976	-10	1972	949	3.68	1.35	1974	16.1	24.5	1973	9.0	1975	9	0	5
May	59.1	36.5	47.8	85	1975	19	1974	529	5.04	1.57	1975	1.5	1.5	1974	1.0	1976	10	0	9
Jun	70.1	48.6	59.4	95	1975	28	1972	191	4.48	1.15	1973	0	0	1974	0	1976	9	0	0
Jul	74.4	52.9	63.7	88	1973	34	1972	87	6.11	1.71	1973	0	0	1974	0	1976	10	0	0
Aug	71.2	48.8	60.0	91	1975	31	1975	177	4.64	1.97	1975	0	0	1974	0	1976	9	0	0
Sep	62.3	41.0	51.7	84	1973*	25	1974*	403	4.29	1.19	1973	0	0	1974	0	1976	10	0	5
Oct	50.0	29.0	39.5	71	1975	8	1972	784	3.93	1.58	1976	2.0	6.0	1975	2.5	1972	9	0	0
Nov	36.0	22.8	29.4	67	1975	0	1974*	1060	3.95	1.13	1973	19.5	42.3	1976	5.5	1973	10	0	21
Dec	25.6	5.6	15.6	52	1975	-28	1975*	1526	4.37	1.36	1973	33.2	55.8	1972	8.0	1972	12	0	12
Year	47.6	25.9	36.8	91	Aug	-40	Feb	10333	50.25	1.97	Aug	165.2	55.8	Dec	13.0	Mar	116	0	102
												1975	1972		1972	1976			228
																		52	
																		Year	

(a) Average length of record, years.

T Trace, an amount too small to measure.

** Base 65°F

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1972	10.3	7.3	17.6	29.8	48.7	57.7	62.7	58.0	52.6	37.5	27.6	16.3	35.5	1972	1.88	2.30	4.22	3.10	3.45	5.37	9.12	3.73	1.99	3.60	3.76	5.06	47.58
1973	13.5	7.1	30.4	36.5	47.0	59.9	64.4	***	51.8	42.8	27.7	19.7	***	1973	3.65	1.96	3.12	3.08	5.02	6.35	4.36	4.13	5.28	2.98	4.91	7.65	52.49
1974	10.3	7.9	18.9	33.2	43.0	58.6	62.1	61.1	51.6	35.5	31.4	21.2	36.3	1974	2.81	2.63	4.14	6.88	7.05	3.11	5.59	2.67	4.14	2.63	4.08	3.14	48.87
1975	12.2	10.2	18.0	28.7	53.1	58.9	65.5	61.2	51.4	43.6	35.0	13.8	37.6	1975	2.96	2.49	2.35	2.71	3.82	2.64	5.37	5.06	6.70	4.98	3.62	3.27	45.97
1976	5.6	14.3	22.0	37.8	47.4	61.9	60.3	59.7	51.0	38.1	25.6	7.0	35.9	1976	4.59	3.82	4.09	1.67	5.84	4.91	4.65	7.11	3.35	5.47	3.37	2.72	51.59

**** Missing data.

Total Precipitation (Inches)

+ Also on earlier dates, months, or years.

* Less than one half.

MONTHLY EXTREME TEMPERATURES RECORDED AT FIRST CONNECTICUT LAKE
BY YEARS 1972-1976

<u>Year</u>		<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>Jun.</u>	<u>Jul.</u>	<u>Aug.</u>	<u>Sep.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>	<u>Year</u>
1972	Max.	51	49	42	50	83	80	86	80	80	68	47	52	86
	Min.	-34	-32	-28	-10	24	28	34	35	27	8	1	-11	-34
1973	Max.	55	47	59	69	68	80	88	**	84	68	49	52	**
	Min.	-34	-40	-17	-7	27	30	39	**	25	16	8	-20	-40
1974	Max.	48	49	54	74	83	83	83	81	77	67	60	47	83
	Min.	-39	-29	-25	10	19	37	39	38	25	13	0	-8	-39
1975	Max.	**	40	51	59	85	85	85	91	74	71	67	52	91
	Min.	**	-33	-16	0	27	32	41	36	31	17	11	-28	**
1976	Max.	49	54	61	82	76	83	**	84	78	69	49	39	**
	Min.	-35	-20	-11	4	28	31	**	31	28	14	7	-21	-35

LANCASTER
(1967 - 1973)

MONTHLY TEMPERATURE EXTREMES RECORDED
AT LANCASTER, N. H.
FOR THE PERIOD 1969-1973

(Highest)			(Lowest)		
<u>TEMP.</u>	<u>DAY</u>	<u>YEAR</u>	<u>YEAR</u>	<u>DAY</u>	<u>TEMP.</u>
57	19	1973	JANUARY	1973	9 -34
53	15	1972	FEBRUARY	1971	3 -35
65	31	1973	MARCH	1972	10 -25
80	22	1973	APRIL	1969	1 -1
89	19	1971	MAY	1970	29 23
91	13	1969	JUNE	1973+	3 29
93	8	1973	JULY	1969	8 33
90	31	1973	AUGUST	1972	6 36
88	5	1973	SEPTEMBER	1972	23 23
82	9	1970	OCTOBER	1972	20 8
66	2	1970+	NOVEMBER	1969	28 -4
57	6	1973	DECEMBER	1969	25 -28

+ Also recorded on earlier dates.

CLIMATE HIGHLIGHTS

1. The mean annual temperature at Lancaster between 1969 and 1973 was 41.2°F.
2. The highest temperature recorded during this time was 93° on July 8, 1973.
3. The lowest recorded temperature was -35 on February 3, 1971.
4. The average annual precipitation here was 39.48 inches of rain.
5. The greatest annual precipitation recorded during the five years was 49 inches of rain in 1973.
6. The greatest rainfall in a single day was 2.30 inches of June 3, 1971.
7. Lancaster received an average of 82" of snow per year.
8. The greatest monthly snowfall recorded in five years was 43.5" in February of 1969.
9. Precipitation totaling .1 inches or more fell an average of 86 days a year.

LANCASTER, NEW HAMPSHIRE

LATITUDE 44° 29'
LONGITUDE 71° 35'
ELEV. (GROUND) 910 ft.

CLIMATOLOGICAL SUMMARY

MEANS AND EXTREMES FOR PERIOD 1969-1973

STATION LANCASTER
NEW HAMPSHIRE

Month	Temperature (°F)		Precipitation Totals (Inches)						Mean number of days					
	Means		Extremes		Yearly		Snow, Sleet		Temperatures		Month			
	**	**	Mean	Mean degree days	Year	Year	Year	Year	Max. 90° and more above 32° and below 32° and 10 in. c.b.	Max. 90° and more above 32° and below 32° and 10 in. c.b.	Min. 90° and more above 32° and below 32° and 10 in. c.b.	Min. 90° and more above 32° and below 32° and 10 in. c.b.		
(a)	5	5	5	5	1973	1643	1.83	1.30	1973	12.4	18.3	1973	5	5
Jan	24.7	-1.1	12.3	57	1973	1727	2.27	1.15	1969	20.7	43.5	1969	###	###
Feb	30.7	3.8	17.3	53	1972	1154	2.81	2.02	1971	12.6	19.5	1971	###	###
Mar	38.5	8.3	23.4	65	1973	-25	1969	1.17	1969	3.6	9.0	1971	###	###
Apr	51.4	25.7	38.6	80	1973	-1	1970	3.73	1.17	1973	0	1970	###	###
May	66.8	38.6	52.7	89	1971	23	1970	5.07	2.30	1971	0			
Jun	75.3	47.4	61.4	91	1969	29	1973+							
Jul	79.6	52.3	66.0	93	1973	33	1969	53	4.63	1.64	1969	0	0	0
Aug	78.6	52.2	65.4	90	1973	36	1972	71	3.93	1.65	1971	0	0	0
Sep	69.5	45.1	57.3	88	1973	23	1972	253	2.31	1.20	1973	0	0	0
Oct	58.8	34.4	46.6	82	1970	8	1972	563	2.50	1.13	1971	1.2	6.0	0
Nov	41.6	24.6	33.1	66	1970+	-4	1969	950	3.29	1.13	1973	5.7	13.2	0
Dec	29.0	10.3	19.7	57	1973	-28	1969	1401	4.43	1.77	1973	25.8	38.2	0
Year	53.7	28.6	41.2	93	Jul	1973	35	Feb	8743	39.48	2.30	Jun	82.0	43.5
					1971		1971		1971	1971	1971	1970	###	###
													86	1

(a) Average length of record, years.

† Trace, an amount too small to measure.

** Base 65°F

+ Also on earlier dates, months, or years.

* Less than one half.

Data not recorded.

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1969	16.3	19.8	25.9	40.1	50.1	62.4	65.1	***	58.0	44.5	35.6	20.2	****	1969	1.53	3.75	1.54	3.72	3.00	3.39	5.14	2.94	2.49	2.42	4.52	4.78	39.22
1970	3.9	17.6	26.8	40.6	54.7	62.2	66.8	***	57.1	49.0	36.1	13.6	****	1970	.63	2.05	2.40	3.09	3.41	3.08	3.76	4.31	2.72	1.94	3.45	3.45	34.05
1971	6.2	18.6	24.9	36.3	53.1	60.8	64.6	64.7	60.1	51.4	29.6	19.5	40.8	1971	1.85	2.02	3.48	1.88	2.74	4.53	4.37	5.75	1.44	2.64	2.48	2.82	36.00
1972	15.2	15.1	24.5	33.8	53.8	60.0	66.9	61.9	56.2	41.3	31.5	20.4	40.1	1972	1.79	1.90	4.59	2.25	4.00	5.30	4.59	3.54	.98	1.92	3.18	5.10	39.14
1973	17.6	15.1	35.4	42.3	51.8	61.4	66.5	69.6	55.2	46.2	32.9	24.3	13.9	1973	3.36	1.62	2.06	2.45	5.50	9.05	5.30	3.12	3.50	2.73	4.31	6.00	49.00

**** Missing data.

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1969	16.3	19.8	25.9	40.1	50.1	62.4	65.1	***	58.0	44.5	35.6	20.2	****
1970	3.9	17.6	26.8	40.6	54.7	62.2	66.8	***	57.1	49.0	36.1	13.6	****
1971	6.2	18.6	24.9	36.3	53.1	60.8	64.6	64.7	60.1	51.4	29.6	19.5	40.8
1972	15.2	15.1	24.5	33.8	53.8	60.0	66.9	61.9	56.2	41.3	31.5	20.4	40.1
1973	17.6	15.1	35.4	42.3	51.8	61.4	66.5	69.6	55.2	46.2	32.9	24.3	13.9

MONTHLY EXTREME TEMPERATURES RECORDED AT LANCASTER
BY YEARS 1969-1973

<u>Year</u>		<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>Jun.</u>	<u>Jul.</u>	<u>Aug.</u>	<u>Sep.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>	<u>Year</u>
1969	Max.	46	48	49	79	84	91	90	**	85	73	63	55	**
	Min.	-25	-15	-24	-1	24	37	33	**	31	14	-4	-28	-28
1970	Max.	38	49	55	79	88	87	90	**	86	82	66	55	**
	Min.	-31	-22	-5	6	23	32	43	**	32	18	6	-27	-31
1971	Max.	39	44	56	63	89	90	91	87	84	78	64	45	91
	Min.	-33	-35	-5	4	25	29	37	37	26	25	2	-18	-35
1972	Max.	52	53	55	69	85	84	89	86	85	74	57	50	89
	Min.	-25	-31	-25	0	25	31	40	36	23	8	2	-15	-25
1973	Max.	57	49	65	80	76	87	93	90	88	75	59	57	93
	Min.	-34	-29	6	10	26	29	41	38	26	18	9	-19	-34