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# SELECTED CLIMATES OF NEW HAMPSHIRE

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**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.

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## 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.

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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<sup>1/</sup>

### 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.

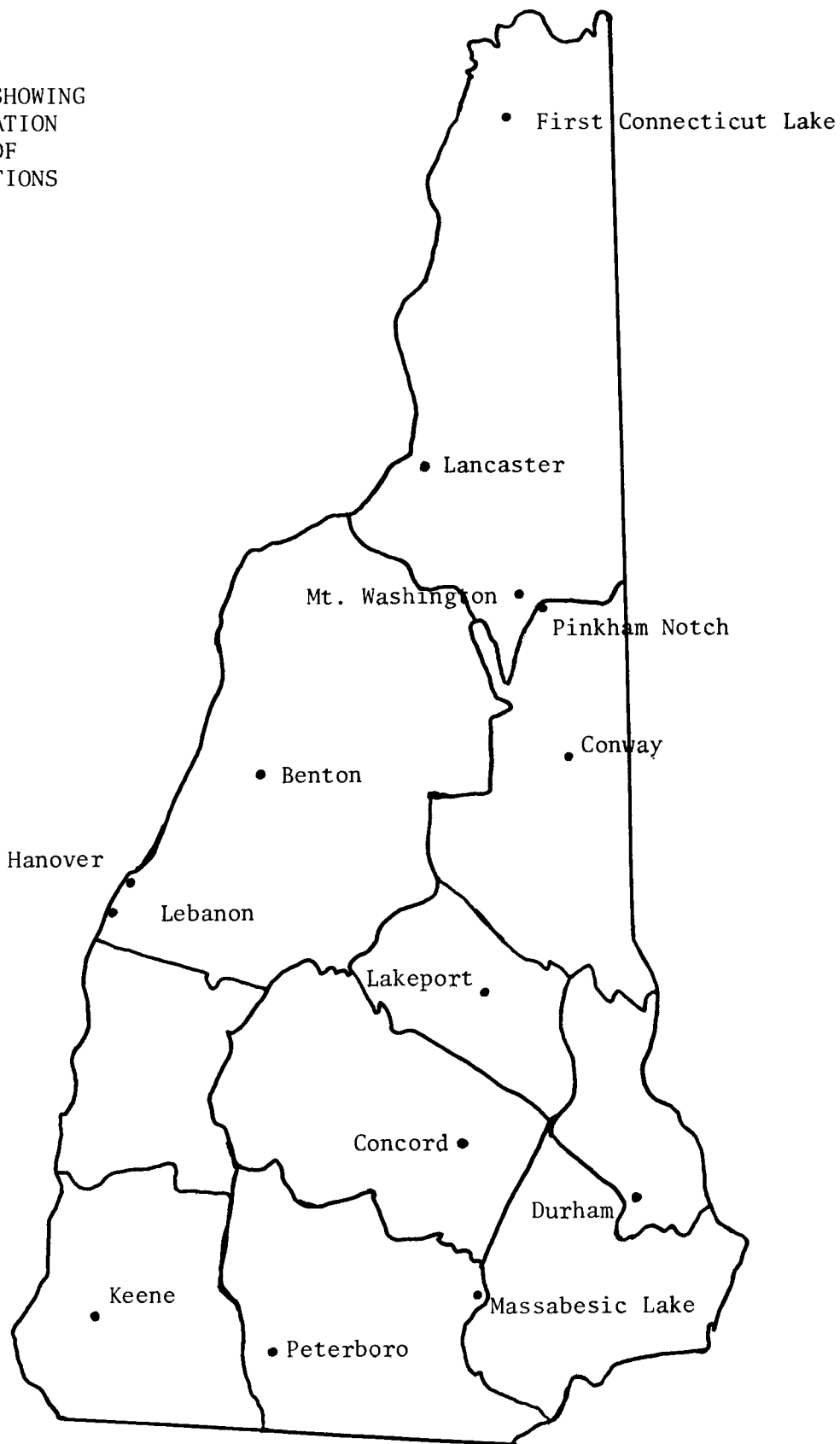
Historically, weather observations in New Hampshire were first recorded at Dartmouth College, Hanover, in November, 1834. In 1871, weather observations and the recording of data were begun at the Mount Washington Weather Observatory. In 1885, an official weather observation station was established at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

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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

Month	Temperature (°F)										Precipitation Totals (Inches)						Mean number of days					Month				
	Means					Extremes					Snow, Sleet			Temperatures			90° and above	32° and below	32° and below	0° and below						
	Daily	maximum	Daily	minimum	Monthly	Record	highest	Year	Record	lowest	Year	Mean	Maximum	Monthly	Year	Greatest					daily		Year	Precip. <sup>10</sup> *	Max.	Min.
(a)	45	45	45	45	45	45	1950	45	1935	45	1270	3.41	2.67	1940	15.8	45.7	1935	16.0	1952	7	45	45	45	45	Jan	
Jan	34.8	13.0	23.9	68	1950	-35	1935	1270	3.41	2.67	1940	15.8	45.7	1935	16.0	1952	7	45	45	45	45	45	45	45	Jan	
Feb	36.2	14.0	25.1	69	1957	-30	1943	1121	3.04	2.94	1965	15.0	49.0	1969	17.4	1946	6	0	9	27	4	4	4	4	Feb	
Mar	44.5	23.3	33.9	87	1946	-18	1967	960	3.72	2.42	1933	10.9	43.6	1956	18.0	1937	7	0	3	26	1	1	1	1	Mar	
Apr	56.9	32.9	44.9	95	1941	9	1964+	601	3.74	6.28	1973	2.4	24.0	1933	24.0	1933	8	*	0	15	0	0	0	0	Apr	
May	68.9	42.0	55.5	94	1962+	23	1969+	297	3.34	4.59	1954	0	0		0		7	1	0	5	0	0	0	0	May	
Jun	78.0	51.8	64.9	99	1944	30	1967+	87	3.24	2.46	1965	0	0		0		7	3	0	*	0	0	0	0	Jun	
Jul	83.3	57.0	70.2	100	1949+	35	1965	13	3.29	4.09	1938	0	0		0		6	5	0	0	0	0	0	0	Jul	
Aug	81.5	55.0	68.3	102	1975+	28	1965	34	2.99	3.35	1975	0	0		0		6	3	0	0	0	0	0	0	Aug	
Sep	73.9	47.7	60.8	99	1953	21	1941	169	3.46	6.49	1954	0	0		0		6	1	0	2	0	0	0	0	Sep	
Oct	63.3	37.5	50.4	90	1947	11	1936	449	3.23	3.93	1962	0.1	3.0	1969	2.0		6	*	0	10	0	0	0	0	Oct	
Nov	49.9	29.4	39.7	80	1950	-13	1938	755	4.45	3.61	1947	2.7	14.5	1971	11.0	1971	8	0	1	20	*	0	0	0	Nov	
Dec	36.9	18.0	27.5	66	1962+	-31	1933	1158	3.98	3.89	1937	11.8	36.5	1970	15.2	1960	7	0	9	24	2	2	2	2	Dec	
Year	59.0	35.1	47.1	102	Aug. 1975	-35	Jan. 1935	6914	41.89	6.49	Sept 1954	58.7	49.0	Feb 1969	24.0	April 1933	82	13	34	164	13	13	13	13	Year	

(a) Average length of record, years.

+ Also on earlier dates, months, or years.

T Trace, an amount too small to measure.

\* Less than one half.

\*\* Base 65°F



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.

LATITUDE 43° 42'  
 LONGITUDE 72° 17'  
 ELEV. (GROUND) 603 ft.

CLIMATOLOGICAL SUMMARY

STATION: HANOVER, NEW HAMPSHIRE  
 Shattuck Observatory  
 Dartmouth College

MEANS AND EXTREMES FOR PERIOD 1931-1975

	Temperature (F°)						Mean degree days **	Precipitation Totals (Inches)						Mean number of days Temperatures				Month				
	Means			Extremes				Mean	Snow, Sleet			Greatest daily	Year	Precip. .10"+	Maximum		Minimum					
	Daily	maximum	Monthly	Record highest	Year	Record lowest			Year	Year	Greatest Year				Year	Year	90° and above		32° and below	32° and below	0° and below	
(a)	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45					
Jan	28.1	8.5	18.3	62	1932	-28	1957+	1445	2.66	1.55	1935	18.6	40.6	1958	15.0	1944	45	0	19	30	9	Jan
Feb	31.3	9.7	21.0	62	1957	-40	1943	1254	2.35	1.62	1952	18.3	49.5	1958	24.5	1958	6	0	14	28	8	Feb
Mar	40.7	20.7	30.7	83	1946	-22	1950+	1059	2.76	1.63	1937	13.0	41.5	1956	13.2	1932	7	0	6	28	2	Mar
Apr	54.6	31.6	43.1	91	1941	7	1964	652	3.02	1.93	1945	4.0	23.0	1933	17.5	1933	7	0	*	17	0	Apr
May	68.0	42.3	55.2	93	1962	22	1956+	311	3.29	1.94	1956	0.4	10.2	1945	8.8	1945	8	*	0	5	0	May
Jun	77.0	52.3	64.7	96	1953+	32	1958+	76	3.12	4.70	1933	0	0		0		7	2	0	*	0	Jun
Jul	81.5	57.2	69.4	99	1953	39	1946	15	3.87	3.58	1969	0	0		0		8	3	0	0	0	Jul
Aug	79.2	55.3	67.3	103	1975	33	1965	46	3.11	2.91	1955	0	0		0		6	2	0	0	0	Aug
Sep	70.8	48.0	59.4	95	1953	22	1968+	188	3.26	3.21	1960	0	0		0		6	1	0	1	0	Sep
Oct	59.6	37.1	48.4	87	1963	13	1936	510	2.81	2.27	1937	0.3	3.9	1969	3.8	1969	6	0	0	11	0	Oct
Nov	44.9	27.9	36.4	79	1950	-12	1938	851	3.45	2.24	1950	5.6	24.9	1971	16.0	1971	7	0	2	22	*	Nov
Dec	31.4	14.4	22.9	65	1934	-34	1933	1298	3.05	2.40	1963	16.0	38.2	1969	13.8	1947	7	0	16	29	5	Dec
Year	55.6	33.8	44.6	103	Aug. 1975	-40	Feb. 1943	7705	36.75	4.70	June 1933	76.2	49.5	Feb. 1958	24.5	Feb. 1958	82	8	57	171	24	Year

(a) Average length of record, years.

+ Also on earlier dates, months, or years.

T Trace, an amount too small to measure.

\* Less than one half.

\*\* Base 65°F.



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.

CLIMATOLOGICAL SUMMARY

STATION: KEENE, NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1931-1975

	Temperature (°F)								Mean degree days **	Precipitation Totals (Inches)						Mean number of days					Month		
	Means				Extremes					Mean	Snow, Sleet			Greatest daily	Year	Temperatures							
	Daily	maximum	Daily	minimum	Monthly	Record	highest	Year			Record	lowest	Year			Mean	Maximum	Monthly	Year	precip. .10"+		Maximum	Minimum
																						90° and above	32° and below
(a)	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	Jan	
Jan	32.7	11.3	22.5	66	1932	-31	1935	1324	3.06	1.89	1936	16.9	35.5	1945	12.0+	1963	7	0	15	30	7	Feb	
Feb	35.1	12.4	24.1	65	1957	-32	1943	1161	2.60	1.60	1951	15.8	37.5	1962	15.3	1969	6	0	10	27	6	Mar	
Mar	43.6	22.3	32.9	85	1946	-17	1967	987	3.20	2.12	1946	12.1	42.0	1956	12.3	1959	7	0	3	27	1	Apr	
Apr	57.6	32.0	45.0	91	1941	6	1965	596	3.42	1.93	1970	3.3	21.0	1933	19.3	1933	8	*	0	15	0	May	
May	70.3	42.2	56.4	95	1962	22	1966+	280	3.58	2.27	1937	T	2.8	1967	1.7	1967	8	*	0	6	0	Jun	
Jun	78.6	52.0	65.2	98	1964+	27	1932	62	3.78	3.04	1969	0	0		0		8	3	0	*	0	Jul	
Jul	83.1	56.7	69.8	99	1966	34	1936	12	3.65	2.78	1935	0	0		0		7	4	0	0	0	Aug	
Aug	81.0	54.7	67.8	102	1955	27	1940	32	3.36	2.92	1962	0	0		0		6	3	0	*	0	Sep	
Sep	73.2	47.5	60.4	101	1953	21	1963	166	3.60	3.44	1954	0	T	1963	0		6	1	0	2	0	Oct	
Oct	62.8	36.7	49.8	90	1963	10	1936	465	2.77	3.56	1959	0.1	2.4	1934	2.0	1934	6	0	0	12	0	Nov	
Nov	48.3	28.7	38.5	80	1950	-15	1938	789	3.73	3.15	1950	3.4	18.3	1948	12.0	1948	7	0	1	20	*	Dec	
Dec	35.1	16.8	26.1	63	1949+	-29	1933	1203	3.40	1.99	1941	13.3	31.9	1956	13.0	1967	7	0	12	28	4	Year	
Year	58.5	34.4	46.5	102	Aug. 1955	-32	Feb. 1943	7077	40.15	3.56	Oct. 1959	64.9	42.0	Mar. 1956	19.3	Apr. 1933	83	11	41	167	18	Year	

(a) Average length of record, years.

+ Also on earlier dates, months or years.

T Trace, an amount too small to measure.

\* Less than one half.

\*\* Base 65°F.



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

STATION CONCORD FAA AIRPORT  
NEW HAMPSHIRE

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

MEANS AND EXTREMES FOR PERIOD 1957-1976

Month	Temperature (°F)								** Mean degree days	Precipitation Totals (Inches)						Mean number of days					Month				
	Means			Extremes						Mean	Greatest daily	Year	Snow, Sleet			Precip. .10 inch or more	Temperatures								
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year	Mean					Maximum monthly	Year	Greatest daily		Year	90° and above	32° and below	32° and below		0° and below			
																							Max.	Min.	
(a)	20	20	20	20		20		20	20	20		20	20		20	20	20	20	20						
Jan	30.7	8.0	19.4	60	1974	-30	1976	1404	2.40	1.35	1958	14.7	32.9	1966	13.0	1966	6	0	17	30	9				Jan
Feb	33.1	9.4	21.3	66	1957	-27	1971	1214	2.44	1.70	1970	16.8	49.8	1969	13.7	1972	6	0	13	28	8				Feb
Mar	41.8	25.5	28.7	76	1962	-16	1967	1019	2.47	1.45	1969	12.0	24.3	1976	13.5	1959	6	0	4	28	1				Mar
Apr	56.4	31.3	43.9	95	1976	8	1969+	626	2.72	1.97	1970	2.5	10.0	1972	5.6	1971	6	*	*	17	0				Apr
May	68.6	41.2	54.9	97	1962	2	1966	322	2.76	1.51	1968	*	1.1	1966	1.1	1966	7	1	0	5	0				May
Jun	77.8	52.0	64.9	97	1966	30	1972	84	2.98	2.06	1960	0	0		0		7	2	0	*	0				Jun
Jul	82.2	56.3	69.8	102	1966	35	1965	21	3.13	2.42	1971	0	0		0		6	4	0	0	0				Jul
Aug	80.0	54.1	67.1	101	1975	29	1965	49	3.14	3.71	1973	0	0		0		6	2	0	*	0				Aug
Sep	72.4	46.8	59.6	94	1960	22	1965	199	3.08	4.12	1960	0	0		0		5	1	0	2	0				Sep
Oct	61.2	35.4	48.3	90	1963	10	1972+	511	3.01	3.99	1962	*	2.1	1969	2.1	1969	5	*	*	13	0				Oct
Nov	46.8	27.2	37.0	78	1974	-1	1972+	831	3.87	1.93	1963	4.1	18.4	1971	9.3	1971	8	0	1	20	*				Nov
Dec	33.7	14.3	23.5	61	1970	-20	1963	1193	3.52	2.01	1969	15.8	30.1	1970	11.5	1960	7	0	13	29	5				Dec
Year	57.1	33.5	45.0	102	Jul 1966	-30	Jan 1976	7473	35.52	4.12	Sep 1960	65.9	49.8	Feb 1969	13.7	Feb 1972	75	10	48	172	23				Year

(a) Average length of record, years.

+ Also on earlier dates, months, or years.

T Trace, an amount too small to measure.

\* Less than one half.

\*\* Base 65°F

Average Temperature (°F)

Total Precipitation (Inches)

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	35.7	45.6	52.5	****	****	****	****	****	****	17.8	****
1959	21.2	19.1	31.1	45.5	59.4	63.4	72.1	70.2	62.6	49.2	38.3	29.3	46.8
1960	23.2	29.2	27.6	45.2	58.3	65.1	68.5	68.0	59.7	46.8	39.9	20.9	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	41.3	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	52.3	63.0	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	51.1	62.8	67.5	67.0	58.9	42.5	35.9	26.7	44.4
1975	****	21.5	30.1	40.4	61.3	65.0	72.9	66.5	56.1	47.6	39.9	21.9	****
1976	10.9	24.7	31.9	46.7	53.6	68.9	66.8	65.3	57.2	45.0	31.7	16.1	43.2

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	4.45	2.60	.60	3.68	1.93	5.90	1.66	6.78	4.60	3.44	41.19
1960	2.46	2.81	2.48	4.59	4.00	3.47	3.62	2.57	7.78	2.09	2.58	2.47	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	.81	3.37	2.74	.42	2.24	3.47	3.07	27.90
1965	.97	3.06	.93	2.49	.60	2.72	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	2.42	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	2.33	3.06	3.40	3.64	3.03	3.08	34.67
1971	1.63	3.87	2.28	2.19	3.36	1.67	5.14	2.79	1.91	2.69	2.91	2.36	32.80
1972	1.44	2.60	4.16	2.71	4.20	3.54	5.40	2.12	2.55	2.23	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	42.04
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	34.45
1975	4.12	2.36	3.12	2.47	1.22	3.87	3.71	3.94	5.15	4.29	4.91	3.12	42.28
1976	3.40	2.36	2.02	2.43	3.90	2.74	3.20	2.66	2.73	4.05	.75	2.27	32.51

\*\*\*\* Missing data.

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	-21
64	26	1957	FEBRUARY	1971	4	-20
73	30	1962	MARCH	1972	10	-10
91	19	1976+	APRIL	1964	1	10
94	19	1962	MAY	1966	3	27
94	20	1964	JUNE	1967	1	37
96	28	1963	JULY	1969+	8	45
98	7	1965	AUGUST	1965	31	38
93	8	1960	SEPTEMBER	1965+	28	30
87	7	1963	OCTOBER	1972+	21	22
73	1	1974	NOVEMBER	1957	26	8
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.

CLIMATOLOGICAL SUMMARY

STATION LAKEPORT  
NEW HAMPSHIRE

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

MEANS AND EXTREMES FOR PERIOD 1957-1976

Month	Temperature (°F)								** Mean degree days	Precipitation Totals (Inches)						Mean number of days					Month		
	Means			Extremes						Mean	Greatest daily	Year	Snow, Sleet				Precip. .10 inch or more	Temperatures					
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year	Mean					Maximum monthly	Year	Greatest daily	Year		90° and above	32° and below	32° and below		0° and below	
																							Max.
(a)	20	20	20	20	20	20	20	20	20	20		20	20		20		20	20	20	20	20		
Jan	28.3	9.9	19.1	57	1967	-21	1971	1415	2.85	1.83	1976	18.4	44.2	1958	13.8	1966+	6	0	0	15	31	7	Jan
Feb	31.2	10.6	20.9	64	1957	-20	1971	1238	2.90	1.89	1965	20.3	65.3	1969	18.8	1969	5	0	0	15	28	5	Feb
Mar	40.5	21.8	31.2	73	1962	-10	1972	1042	2.90	1.94	1968	15.7	30.1	1958	13.6	1959	7	0	0	6	29	1	Mar
Apr	54.5	32.2	43.4	91	1976+	10	1964	644	3.27	2.49	1975	5.1	16.3	1961	7.9	1961	6	0	0	0	17	0	Apr
May	67.4	43.7	55.6	94	1962	27	1966	300	3.20	1.60	1960	0.2	3.5	1966	3.3	1966	6	*	0	0	2	0	May
Jun	76.7	54.4	65.6	94	1964	37	1967	72	3.46	3.63	1969	0	0		0		8	2	0	0	0	0	Jun
Jul	80.6	59.1	69.9	96	1963	45	1969+	12	3.71	2.38	1971	0	0		0		7	2	0	0	0	0	Jul
Aug	78.4	57.6	68.0	98	1965	38	1965	34	3.38	5.36	1959	0	0		0		6	3	0	0	0	0	Aug
Sep	69.6	54.8	62.2	93	1960	30	1965+	183	3.39	4.42	1960	0	0		0		6	*	0	0	0	0	Sep
Oct	58.0	39.8	48.9	87	1963	22	1972+	493	3.21	2.60	1962	0.3	3.7	1969	3.7	1969	6	0	0	6	0	0	Oct
Nov	44.4	30.3	37.4	73	1974	8	1957	822	4.43	3.85	1963	6.0	21.2	1967	15.9	1961	8	0	2	20	0	0	Nov
Dec	31.7	16.7	24.2	60	1975	-15	1968	1257	4.01	3.02	1969	18.7	36.9	1970	11.0	1959	8	0	16	29	2	0	Dec
Year	55.1	35.9	45.5	98	Aug 1965	-21	Jan 1971	7512	40.71	5.36	1959	84.7	65.3	Feb 1969	18.8	Feb 1969	79	7	59	162	15	Year	

(a) Average length of record, years.

+ Also on earlier dates, months, or years.

† Trace, an amount too small to measure.

\* Less than one half.

\*\* Base 65°F

Average Temperature (°F)

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	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
1958	22.7	17.6	34.3	43.4	52.6	59.3	68.4	68.1	59.3	46.4	37.6	17.3	43.9
1959	18.8	17.3	29.3	43.8	59.1	62.4	71.7	69.9	62.6	48.1	36.8	28.6	45.7
1960	22.1	26.2	25.9	43.1	58.3	65.0	68.8	68.5	61.1	48.0	40.6	21.6	45.8
1961	14.4	24.6	31.1	42.2	53.8	65.6	69.3	68.5	67.0	51.9	38.8	26.6	46.1
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
1963	20.7	16.9	33.5	43.4	56.7	67.1	72.4	65.7	57.9	55.4	41.7	17.8	45.8
1964	23.0	21.0	33.2	42.5	59.3	66.1	71.3	63.7	58.0	48.3	37.6	24.6	45.7
1965	17.5	20.1	31.1	42.3	59.3	64.9	68.3	69.1	60.9	47.4	34.5	27.5	45.2
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
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
1968	14.8	17.0	33.3	47.0	53.0	62.2	70.9	65.6	61.8	50.9	33.8	20.7	44.3
1969	19.9	22.2	28.5	43.6	54.3	65.5	67.2	70.1	60.2	48.2	38.9	25.4	45.4
1970	14.4	21.7	30.3	43.7	57.7	65.1	71.0	69.3	59.6	50.4	39.4	20.0	45.2
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	44.9
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
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
1974	22.8	21.4	30.4	46.1	51.6	65.0	69.6	69.9	58.6	43.6	37.2	29.4	45.5
1975	23.3	23.2	29.2	39.6	61.6	65.4	72.8	67.8	57.3	49.6	43.0	22.6	46.3
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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	1.94	1.12	1.15	2.02	3.32	3.93	3.44	1.34	2.77	3.35	5.29	5.69	35.36
1958	8.12	1.64	2.52	4.34	2.50	1.55	4.74	1.31	3.34	2.97	4.32	1.11	38.46
1959	2.96	2.66	3.97	2.10	1.76	4.76	2.79	7.76	3.41	5.78	6.43	4.27	48.65
1960	3.19	4.04	2.41	5.22	3.69	6.17	3.09	1.69	8.29	3.33	2.97	2.38	46.47
1961	1.20	2.82	2.56	4.61	3.24	3.08	4.37	2.60	2.05	2.09	4.59	2.24	35.45
1962	2.87	2.62	2.19	3.26	3.67	3.19	5.03	3.38	2.30	6.60	3.17	3.71	41.99
1963	2.68	2.64	2.73	1.34	2.94	1.40	2.01	5.01	2.58	1.05	8.71	2.22	35.40
1964	4.32	1.93	4.01	2.74	2.11	1.43	3.10	3.07	.90	1.94	3.78	3.45	32.78
1965	1.37	4.09	.69	2.30	1.11	3.39	1.61	1.34	3.45	3.65	4.00	2.16	28.16
1966	3.07	2.20	2.30	1.34	2.82	2.79	2.95	5.70	4.68	3.03	2.80	2.87	36.55
1967	1.23	3.24	1.82	4.70	4.44	4.14	3.70	2.33	2.97	1.62	3.17	4.20	37.56
1968	2.14	1.19	4.66	3.41	4.57	6.03	2.42	2.03	3.28	2.34	6.16	6.14	44.37
1969	1.46	5.35	3.18	4.58	1.87	5.99	3.10	3.14	2.18	1.79	6.18	6.50	45.32
1970	.66	4.81	3.67	3.54	3.26	2.20	3.24	2.26	4.50	4.51	2.80	4.15	39.60
1971	2.16	3.97	3.36	1.71	2.90	1.83	4.33	5.26	2.37	2.56	3.17	3.45	37.07
1972	1.88	3.81	4.87	2.50	2.86	4.37	6.39	3.87	1.42	3.30	6.29	5.44	47.00
1973	4.10	1.95	2.35	5.99	5.64	5.27	3.03	3.58	2.35	3.17	2.59	9.07	49.09
1974	3.47	2.48	3.70	3.33	5.13	1.49	1.59	1.99	5.98	1.57	4.25	4.51	39.49
1975	3.81	2.43	3.24	3.35	.77	3.93	7.62	5.39	5.33	4.75	6.06	3.75	50.43
1976	4.32	3.00	2.65	3.03	5.45	2.19	5.54	3.12	3.68	4.76	1.94	2.78	41.46

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.

LATITUDE 43° 38'  
LONGITUDE 72° 19'  
ELEV. (GROUND) 562 ft.

CLIMATOLOGICAL SUMMARY

STATION LEBANON FAA AIRPORT  
NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1957-1976

Month	Temperature (°F)							** Mean degree days	Precipitation Totals (Inches)						Mean number of days					Month		
	Means			Extremes					Mean	Greatest daily	Year	Snow, Sleet			Precip. .10 inch or more	Temperatures						
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year					Mean	Maximum monthly	Year		Greatest daily	Year	Max.			Min.	
																		90° and above	32° and below		32° and below	0° and below
(a)	20	20	20	20		20		20	20	20		20	20	20	20	20	20	20	20	20	20	
Jan	27.9	4.8	16.4	60	1974	-30	1968	1502	2.31	1.46	1958	19.5	51.9	1966	12.0	1958	6	0	20	30	13	Jan
Feb	31.3	7.2	19.3	64	1957	-30	1958	1286	2.16	1.93	1958	17.7	46.8	1958	30.0	1958	5	0	15	28	10	Feb
Mar	40.5	19.8	30.2	72	1962	-18	1967	1073	2.23	1.51	1964	13.1	37.6	1971	12.3	1971	6	0	5	28	1	Mar
Apr	54.4	30.6	42.5	91	1976	3	1964	670	2.63	1.88	1975	3.7	11.0	1971	11.0	1971	7	0	0	19	0	Apr
May	67.1	40.9	54.0	93	1975	20	1966	348	3.24	2.17	1967	0.2	3.8	1966	2.0	1966	7	0	0	6	0	May
Jun	76.8	51.6	64.2	99	1957	32	1964	96	2.76	1.56	1973	0	0		0	1966	7	0	0	0	0	Jun
Jul	80.8	56.1	68.5	97	1966+	38	1965+	25	3.30	3.77	1969	0	0		0		6	2	0	0	0	Jul
Aug	78.5	53.9	66.2	97	1975	30	1965	60	3.21	2.77	1971	0	0		0		6	2	0	0	0	Aug
Sep	70.4	46.9	58.7	92	1960	20	1963	221	3.14	3.49	1960	0	0		0		6	2	0	2	0	Sep
Oct	59.0	35.9	47.5	87	1963	13	1964	537	3.01	2.84	1962	0.1	1.0	1965	1.0	1965	5	0	0	12	0	Oct
Nov	44.7	27.4	36.1	74	1974	-1	1957	865	3.68	2.12	1959	5.3	23.3	1971	15.2	1971	8	0	3	22	0	Nov
Dec	31.3	12.8	22.1	62	1966	-23	1963+	1324	3.14	2.25	1973	19.5	41.4	1972	13.0	1968	7	0	17	9	8	Dec
Year	55.2	32.3	43.8	99	Jun 1957	-41	Jan 1968	8007	34.81	3.77	Jul 1969	79.1	51.9	Jan 1966	30.0	Feb 1958	76	6	60	156	32	Year

(a) Average length of record, years.

+ Also on earlier dates, months, or years.

† Trace, an amount too small to measure.

\* Less than one half.

\*\* Base 65°F

Average Temperature (°F)

Total Precipitation (Inches)

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	****
1959	18.0	15.4	29.1	43.9	57.4	62.8	70.7	68.7	62.0	47.9	35.9	27.5	44.9
1960	19.8	25.8	23.6	43.6	58.5	63.4	65.4	66.3	59.3	45.2	38.3	16.9	43.8
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	43.9
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	23.2	43.1
1965	14.0	18.8	28.8	39.6	56.4	61.9	65.0	66.2	58.6	45.5	32.7	25.9	42.8
1966	16.7	20.2	31.6	39.7	50.4	63.8	66.9	65.9	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	48.5	31.1	24.9	42.9
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	44.1
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	58.3	43.4	32.8	23.7	43.0
1973	21.3	19.7	38.2	45.6	53.3	66.4	70.6	71.6	58.0	48.1	36.3	27.5	46.4
1974	21.5	19.2	30.1	45.1	51.3	64.4	68.7	68.2	58.1	42.4	36.3	26.7	44.3
1975	****	21.3	28.1	38.6	60.9	63.9	71.8	67.1	57.2	49.7	42.3	21.8	****
1976	11.9	25.6	31.7	45.6	54.0	69.1	66.9	66.3	57.5	45.1	32.8	17.4	43.7

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	****	.88	1.29	1.28	2.43	2.87	4.82	1.77	2.23	1.73	4.75	3.58	****
1958	5.81	3.91	1.41	2.81	2.93	****	****	****	****	****	****	.99	****
1959	2.30	1.95	2.39	1.89	2.79	3.92	2.87	5.89	2.65	4.37	6.12	2.80	39.94
1960	2.24	2.93	2.11	4.43	3.71	1.64	3.12	1.35	6.17	2.82	****	1.33	****
1961	1.41	2.19	1.54	3.44	3.11	2.25	1.35	4.33	1.67	2.50	2.97	2.41	29.17
1962	1.78	2.61	1.91	2.42	****	1.56	****	2.38	2.52	6.97	2.19	2.73	****
1963	2.53	1.63	2.40	1.68	1.97	2.37	.58	1.97	1.49	.29	4.91	1.63	23.45
1964	4.12	1.32	4.19	2.54	1.98	1.19	2.60	3.98	.53	1.22	3.06	3.21	29.94
1965	1.29	1.56	.40	1.84	1.09	1.67	1.86	1.35	5.47	2.52	3.36	1.55	23.96
1966	2.54	2.02	2.10	1.11	2.10	2.34	3.17	4.63	3.38	2.15	2.21	2.69	30.44
1967	.94	2.19	1.30	3.62	5.61	2.07	3.69	2.87	1.60	5.35	1.92	3.99	35.15
1968	1.11	1.13	3.17	2.61	4.83	4.45	1.64	1.83	3.76	1.80	5.84	5.25	37.42
1969	2.19	2.94	1.94	3.49	2.39	2.95	7.15	3.99	1.81	1.78	6.19	5.72	42.54
1970	.43	2.19	2.15	3.06	4.01	2.94	2.55	1.99	4.75	1.82	1.49	2.81	30.19
1971	1.87	3.10	2.98	1.74	3.29	1.40	3.23	4.17	3.27	2.70	2.93	2.57	33.25
1972	1.54	2.43	3.49	2.41	2.82	4.39	4.41	2.34	1.84	3.19	6.00	5.28	40.14
1973	2.93	1.51	2.10	4.10	5.24	5.70	3.18	3.32	2.20	2.14	2.43	7.14	41.99
1974	2.80	2.30	2.70	2.71	3.60	1.94	2.31	3.06	6.32	1.31	3.64	2.38	35.07
1975	****	1.97	2.16	2.75	1.58	2.48	6.03	4.82	5.01	6.48	4.78	3.04	****
1976	3.81	2.36	2.92	2.68	6.12	4.36	4.80	4.98	2.90	6.04	1.49	1.78	44.24

\*\*\*\* 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.

LATITUDE 42° 59'  
 LONGITUDE 71° 24'  
 ELEV. (GROUND) 250 ft.

CLIMATOLOGICAL SUMMARY

STATION MASSABESIC LAKE  
 NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1957-1976

Month	Temperature (°F)								** Mean degree days	Precipitation Totals (Inches)						Mean number of days					Month					
	Means			Extremes						Mean	Greatest daily	Year	Snow, Sleet				Precip. .10 inch or more	Temperatures								
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year	Mean					Maximum monthly	Year	Greatest daily	Year		90° and above	32° and below	32° and below		0° and below				
																							Max.	Min.		
(a)	20	20	20	20		20		20	20	20		11	11				20	20	20	20	20					
Jan	32.3	10.0	21.1	61	1974	-35	1961	1344	2.71	2.38	1958	14.1	39.0	1966	####	####	6	0	15	30	6	0	0	0	0	Jan
Feb	34.8	11.9	23.4	68	1957	-23	1971+	1170	2.41	1.91	1970	17.5	43.5	1969	####	####	6	0	10	28	6	0	0	0	0	Feb
Mar	43.0	22.5	32.8	75	1962	-15	1967	992	2.69	2.00	1974	10.5	22.8	1967	####	####	6	0	3	27	1	0	0	0	0	Mar
Apr	56.3	32.3	44.3	94	1976	10	1969	618	2.94	1.71	1970	2.9	6.5	1972+	####	####	7	0	0	16	0	0	0	0	0	Apr
May	67.7	42.6	55.2	95	1966	24	1966	295	3.17	1.35	1973	0	0		####	####	7	*	0	4	0	0	0	0	0	May
Jun	77.0	53.0	64.8	95	1969	33	1957	82	3.29	4.75	1973	0	0		####	####	6	2	0	0	0	0	0	0	0	Jun
Jul	81.3	57.4	69.3	97	1963	38	1965	18	3.74	2.67	1975	0	0		####	####	7	3	0	0	0	0	0	0	0	Jul
Aug	79.4	55.7	67.7	99	1975	32	1965	41	3.08	2.75	1967	0	0		####	####	6	*	0	0	0	0	0	0	0	Aug
Sep	72.1	48.3	60.2	93	1973	25	1965+	181	3.35	3.72	1960	0	0		####	####	5	2	0	2	0	0	0	0	0	Sep
Oct	61.9	37.6	49.7	88	1963	17	1966	467	3.24	3.78	1962	0.1	1.0	1969	####	####	5	0	0	9	0	0	0	0	0	Oct
Nov	48.1	29.7	39.1	76	1967	5	1957	775	4.24	1.70	1963	4.2	17.5	1971	####	####	8	0	1	19	0	0	0	0	0	Nov
Dec	35.4	16.5	26.0	62	1975	-24	1963	1204	3.81	2.54	1969	18.7	36.5	1970	####	####	7	0	13	29	2	0	0	0	0	Dec
Year	57.4	34.8	46.1	99	Aug 1975	-35	Jan 1961	7187	38.67	4.75	Jun 1973	68.0	43.5	Feb 1969	####	####	76	7	42	164	17					Year

(a) Average length of record, years.

+ Also on earlier dates, months, or years.

T Trace, an amount too small to measure.

\* Less than one half.

\*\* Base 65°F

#### Data not recorded.

Average Temperature (°F)

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	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
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
1959	21.7	21.4	32.1	45.0	59.1	62.9	70.5	69.4	62.0	49.5	39.8	30.1	46.9
1960	24.7	30.0	27.6	44.9	56.7	64.2	67.1	66.9	59.3	47.3	40.7	21.9	46.0
1961	14.8	25.1	31.7	41.7	53.8	64.9	68.7	67.8	66.1	52.7	40.5	27.1	46.2
1962	21.5	19.4	33.6	45.4	53.5	65.0	65.0	66.4	57.5	48.1	36.5	23.5	44.6
1963	22.4	20.0	33.1	43.8	55.4	64.4	69.8	65.2	57.0	54.0	43.2	18.8	45.6
1964	24.8	24.2	34.6	44.2	58.7	65.2	70.1	62.7	57.8	48.5	38.8	25.6	46.3
1965	21.2	23.8	33.1	41.7	58.3	63.2	67.2	68.1	60.4	48.2	37.1	27.7	45.8
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
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
1968	16.3	19.4	34.4	47.8	53.6	62.9	71.2	66.6	62.0	52.7	36.5	24.9	45.7
1969	22.3	24.7	31.8	46.4	54.7	65.2	68.7	70.4	60.8	49.3	40.5	27.1	46.8
1970	15.1	23.8	30.9	43.9	58.4	64.6	70.9	69.7	61.2	51.6	40.7	22.7	46.1
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
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
1973	25.2	23.2	37.8	47.2	54.2	66.5	71.6	72.1	59.9	50.5	39.3	32.1	48.3
1974	23.5	22.8	33.6	46.4	52.8	64.1	70.1	69.0	60.3	45.1	40.3	30.4	46.5
1975	25.3	23.6	31.9	41.4	60.5	65.5	72.8	69.4	58.1	51.6	####	26.1	####
1976	17.0	29.4	35.2	49.2	55.9	70.2	68.8	67.7	59.2	46.7	####	19.9	####

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	1.70	1.08	1.48	1.93	3.93	2.25	3.02	1.22	1.44	2.33	4.81	4.72	29.91
1958	7.70	1.29	1.62	4.18	2.51	1.74	5.30	2.01	3.74	2.73	3.90	1.54	38.26
1959	3.10	2.45	3.45	3.89	.86	4.78	2.71	3.66	1.57	6.17	5.36	3.72	41.72
1960	2.55	2.99	2.71	4.34	3.87	2.44	3.26	3.61	7.91	2.72	3.39	2.68	42.47
1961	1.34	2.09	2.07	4.53	3.81	3.98	5.70	2.99	4.19	2.06	3.99	3.14	39.89
1962	2.63	2.44	2.03	2.97	1.72	2.66	4.59	1.93	2.43	8.85	3.20	3.29	38.74
1963	2.25	2.26	2.43	1.12	3.42	2.12	3.02	2.50	3.20	1.62	7.81	2.11	33.86
1964	3.75	1.81	2.95	2.25	1.85	1.05	3.88	2.76	.67	2.20	3.19	3.27	29.63
1965	1.07	2.79	1.01	2.62	.87	3.62	2.63	2.19	2.25	2.39	2.54	1.73	25.71
1966	3.24	1.83	2.18	.89	3.11	1.46	2.00	2.21	4.89	3.39	3.47	2.55	31.22
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	2.31	.97	4.22	2.29	4.22	5.67	1.94	3.21	1.48	2.24	6.04	6.23	40.82
1969	1.36	3.24	2.33	2.71	1.71	4.19	6.73	3.10	4.45	1.56	6.08	6.25	43.71
1970	.53	4.52	3.06	3.32	3.88	2.57	2.24	2.72	3.12	3.73	3.39	3.18	36.26
1971	1.86	3.42	2.01	1.76	3.41	2.10	3.71	2.34	3.08	2.97	4.01	3.00	33.67
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	47.05
1973	3.62	2.00	3.49	5.32	4.75	7.58	2.28	4.25	1.96	2.99	1.99	7.08	47.31
1974	3.63	1.90	4.05	2.38	4.46	2.09	1.14	3.58	6.09	1.78	3.17	4.41	38.68
1975	4.44	2.51	3.03	2.76	1.50	5.31	5.52	5.38	5.95	5.87	5.22	4.33	51.82
1976	3.93	2.33	2.25	2.58	3.99	.88	5.54	4.38	2.69	4.79	####	2.92	####

#### Missing data.

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)								** Mean degree days	Precipitation Totals (Inches)							Mean number of days						Month				
	Means			Extremes						Mean	Greatest daily	Year	Snow, Sleet				Precip. .10 inch or more 90° and above	Temperatures		32° and below	32° and below 0° and below						
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year	Mean					Maximum monthly	Year	Greatest daily	Year		Max.	Min.								
(a)	20	20	20	20		20		20	20	20		20	20		20	20	20	20	20	20							
Jan	12.9	-4.2	4.4	42	1959	-46	1968	1876	7.39	3.40	1958	45.4	92.5	1958	20.2	1969	14	0	29	31	18						Jan
Feb	13.8	-4.0	4.9	41	1975	-41	1967	1714	9.32	5.90	1970	57.0	172.8	1969	49.3	1969	13	0	27	28	16						Feb
Mar	19.1	4.5	11.8	42	1967+	-26	1967	1645	8.28	3.78	1975	50.1	98.0	1970	27.4	1969	14	0	27	31	11						Mar
Apr	28.6	15.3	22.0	53	1957	-11	1967+	1284	7.27	4.39	1970	36.4	89.3	1975	23.3	1974	12	0	19	28	2						Apr
May	40.8	27.8	34.3	64	1972+	-2	1966	944	6.93	3.39	1960	12.2	52.2	1967	12.8	1967	12	0	7	21	0						May
Jun	51.4	38.8	45.1	68	1969+	18	1971	580	7.27	5.38	1973	1.5	8.1	1959	4.4	1965	12	0	*	5	0						Jun
Jul	51.8	45.6	48.7	70	1963	25	1969	504	7.33	2.87	1960	0.1	1.1	1957	0.1	1962	12	0	0	2	0						Jul
Aug	52.8	41.4	47.1	72	1975	20	1965	548	7.47	4.00	1976	0.3	2.5	1965	1.6	1976+	12	0	0	4	0						Aug
Sep	46.9	35.7	41.3	67	1960+	12	1957	707	6.97	4.73	1960	1.8	6.9	1967	4.0	1959	11	0	2	11	0						Sep
Oct	36.8	24.6	30.7	56	1969+	-2	1976+	1064	7.05	6.66	1959	13.4	34.4	1969	15.0	1969	11	0	11	23	0						Oct
Nov	26.7	13.7	20.2	49	1971+	-5	1957	1339	9.80	4.94	1968	37.8	86.6	1968	20.4	1972	15	0	21	29	4						Nov
Dec	17.2	1.3	9.3	45	1967	-41	1962	1725	10.10	7.44	1969	56.7	103.7	1968	37.5	1968	15	0	26	31	15						Dec
Year	33.2	20.0	26.6	72	Aug 1975	-46	Jan 1968	13929	95.18	7.44	Dec 1969	312.7	172.8	Feb 1969	49.3	Feb 1969	153	0	167	244	66						Year

(a) Average length of record, years.

+ Also on earlier dates, months, or years.

† Trace, an amount too small to measure.

\* Less than one half.

\*\* Base 65°F

Average Temperature (°F)

Total Precipitation (Inches)

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	13.0	0.6	16.1	24.8	31.8	****	****	****	****	****	****	1.0	****
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	27.4	20.6	4.4	27.1
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	5.4	-1.5	13.1	19.9	33.6	46.8	49.4	43.5	38.8	35.1	23.0	-3	25.6
1964	7.9	3.4	13.0	22.4	37.4	42.9	50.9	42.2	37.7	****	20.4	13.6	****
1965	1.3	3.0	7.7	18.2	36.4	42.5	45.2	46.2	43.1	27.2	15.1	11.6	24.8
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	-3.4	15.8	26.6	32.6	43.1	49.1	43.8	43.4	32.1	17.0	7.4	26.0
1969	8.0	8.2	9.1	23.7	31.8	45.8	47.3	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	44.2	51.4	48.3	38.8	32.2	24.8	9.0	****
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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	****	3.32	3.58	4.44	6.06	6.69	10.70	2.82	5.58	4.65	8.70	13.35	****
1958	18.23	9.34	8.97	8.32	5.30	****	****	****	****	****	****	4.55	****
1959	5.47	4.04	5.21	2.19	3.63	7.46	3.67	7.58	5.46	13.41	9.21	5.70	73.05
1960	4.35	14.67	4.54	4.79	13.41	5.85	5.86	3.77	8.09	6.12	4.74	5.02	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	6.97	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	5.62	5.57	8.27	4.86	****	5.88	5.79	****
1965	4.55	7.52	2.71	3.97	2.40	8.15	4.42	8.19	10.01	7.88	6.90	4.65	71.35
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	25.56	12.22	6.59	6.01	5.06	15.53	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	9.29	6.24	5.71	10.18	9.51	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	13.33	11.59	16.00	4.38	5.16	6.93	7.71	11.87	17.95	121.39
1974	8.26	9.43	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

\*\*\*\* missing data

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	16	-26
58	26	1957	FEBRUARY	1962	2	-28
68	30	1962	MARCH	1960	26	-13
82	27	1962	APRIL	1974	11	-6
89	19	1962	MAY	1968	8	17
90	13	1973	JUNE	1973	3	29
91	9	1973	JULY	1968	29	32
91	3	1975	AUGUST	1976	31	32
89	8	1960	SEPTEMBER	1965	28	23
82	7	1963	OCTOBER	1972	16	3
68	8	1975	NOVEMBER	1972	23	-1
61	11	1966	DECEMBER	1958	21	-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.

LATITUDE 44° 16'  
 LONGITUDE 71° 15'  
 ELEV. (GROUND) 2000 ft. (1957-Jan.1967), 2010 ft. (Feb.1967-Mar.1968)  
 2029 ft. (Apr.1968-1976)

CLIMATOLOGICAL SUMMARY

STATION PINKHAM NOTCH  
 NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1957-1976

Month	Temperature (°F)							** Mean degree days	Precipitation Totals (Inches)						Mean number of days					Month			
	Means			Extremes					Mean	Greatest daily	Year	Snow, Sleet				Precip. .10 inch or more	Temperatures						
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year					Year	Mean	Maximum monthly	Year		Greatest daily	Year	90° and above		32° and below	32° and below	0° and below
	Year	Year	Year	Year	Year	Year	Year					Year	Year	Year	Year		Year	Year	Year		Year	Year	Year
(a)	49.7	29.2	39.5	91	Aug 1975+	-28	Feb 1962	9269	57.06	8.98	Oct 1959	167.7	130.0	Feb 1969	30.0	Feb 1969	105	0	86	195	30	Year	

(a) Average length of record, years.

+ Also on earlier dates, months, or years.

† Trace, an amount too small to measure.

\* Less than one half.

\*\* Base 65°F

Average Temperature (°F)

Total Precipitation (Inches)

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	****
1958	19.5	13.3	29.6	38.2	46.8	****	****	****	****	****	****	11.2	****
1959	16.8	13.6	24.9	40.0	55.5	57.7	66.2	65.2	58.1	43.8	32.8	22.4	41.4
1960	18.7	22.5	22.0	38.8	54.9	59.7	61.8	61.7	56.1	42.7	36.3	17.3	41.0
1961	11.6	20.9	26.2	36.3	48.5	58.9	62.2	61.9	61.8	48.7	34.2	21.4	41.0
1962	14.5	13.4	28.6	38.2	49.4	59.7	59.0	60.8	52.0	43.6	30.1	18.7	39.0
1963	16.7	13.3	27.9	37.1	49.5	61.2	64.6	57.7	51.4	51.3	36.7	11.7	39.9
1964	19.3	17.3	28.2	36.9	53.1	57.5	63.6	56.5	51.6	42.7	32.1	20.6	39.9
1965	12.2	14.0	24.5	34.5	52.4	58.4	59.7	61.1	53.5	42.0	29.0	21.1	38.5
1966	16.7	17.2	26.5	35.1	46.5	59.2	62.7	61.2	50.9	42.4	34.7	21.5	39.5
1967	20.2	10.5	21.3	34.1	42.1	61.2	63.3	61.0	53.2	43.7	28.1	21.0	38.3
1968	9.9	11.3	32.6	42.3	47.7	56.9	64.8	58.9	55.6	46.5	28.6	17.6	38.9
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	39.4
1970	8.5	16.0	23.4	36.4	51.4	58.9	64.9	62.2	53.7	45.0	33.6	14.1	39.0
1971	9.7	16.9	24.3	34.9	48.7	59.1	62.3	61.4	56.3	49.6	28.9	21.2	39.4
1972	15.3	14.5	21.0	32.5	49.4	57.8	63.0	58.0	52.6	37.9	28.0	20.0	37.5
1973	16.6	15.3	32.0	38.9	46.7	59.4	64.1	65.0	52.2	44.2	30.5	24.5	40.9
1974	16.7	13.7	23.5	38.0	44.7	****	62.3	60.5	50.9	36.1	32.7	22.6	****
1975	****	17.3	22.8	31.6	54.4	58.5	65.4	61.3	50.4	44.0	36.8	18.4	****
1976	****	****	20.8	****	****	****	****	59.9	51.6	40.0	28.5	12.1	****

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1957	****	2.15	1.52	3.26	4.33	3.40	5.65	1.11	2.78	3.81	6.44	9.95	****
1958	10.26	4.38	6.07	6.31	4.54	****	****	****	****	****	****	2.40	****
1959	5.21	2.97	5.19	2.38	1.26	7.43	1.60	5.93	3.81	15.21	8.23	4.26	63.48
1960	2.62	7.59	3.98	3.40	8.30	4.53	5.32	.84	8.51	6.00	3.92	2.81	57.82
1961	2.00	3.75	2.01	4.96	2.31	5.00	4.86	5.02	5.19	2.58	5.12	3.52	46.32
1962	3.76	3.15	2.90	4.26	3.21	2.69	6.77	6.32	5.48	10.59	3.59	2.87	55.59
1963	2.69	3.50	5.04	4.06	3.29	2.17	4.12	4.89	1.55	2.31	12.53	2.41	46.56
1964	5.51	2.60	4.37	3.31	4.32	2.01	4.79	5.80	1.39	2.66	5.63	4.03	46.42
1965	1.52	3.99	.71	2.11	1.06	5.55	2.48	4.53	8.63	5.36	4.57	2.32	42.83
1966	4.64	4.12	5.54	1.85	2.99	4.47	3.68	5.08	5.60	3.78	10.77	3.48	56.00
1967	2.56	3.71	1.65	4.96	6.74	3.19	4.67	2.73	6.26	6.03	4.81	5.01	52.32
1968	2.29	2.06	6.28	6.07	4.87	7.11	2.51	2.47	3.66	3.30	6.05	8.73	57.40
1969	4.73	12.75	5.22	4.52	3.91	3.83	13.83	3.82	1.94	2.97	14.11	11.78	83.41
1970	1.05	5.83	3.70	3.74	4.47	2.87	2.83	4.45	3.82	5.36	7.01	5.67	50.74
1971	4.15	4.84	4.23	1.89	4.92	2.24	4.27	5.17	4.55	4.13	6.11	4.31	50.81
1972	2.63	5.74	6.55	3.43	3.05	6.69	4.79	5.42	1.61	4.76	8.07	7.04	59.78
1973	4.08	2.51	2.71	6.10	6.42	11.83	6.79	4.42	4.21	5.14	5.37	16.20	75.78
1974	3.98	3.11	7.62	5.74	7.02	****	5.81	4.60	4.81	1.84	6.01	5.07	****
1975	****	3.32	6.64	6.05	4.07	5.33	6.41	4.19	6.32	5.25	5.90	4.72	****
1976	****	****	4.16	****	****	****	****	6.04	5.74	7.99	5.73	2.30	****

\*\*\*\* 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)			
TEMP.	DAY	YEAR	YEAR	DAY	TEMP.	
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

LATITUDE 44° 00'  
 LONGITUDE 71° 07'  
 ELEV. (GROUND) 475 ft.

CLIMATOLOGICAL SUMMARY

STATION CONWAY 1 N.  
 NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1959-1972

Month	Temperature (°F)							** Mean degree days	Precipitation Totals (Inches)						Mean number of days					Month				
	Means			Extremes					Mean	Greatest daily	Year	Snow, Sleet				Precip. .10 inch or more	Temperatures							
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year					Mean	Maximum monthly	Year	Greatest daily		Year	90° and above	50° and below		32° and below	0° and below		
	Year	Year	Year	Year	Year	Year	Year					Year	Year	Year	Year		Year	Year	Year		Year	Year		
(a)	14	14	14	14	1966	-34	1971	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	Jan
Jan	30.1	4.8	17.5	56	1966	-34	1971	1479	2.94	1.60	1960	21.3	38.5	1966	###	###	6	0	19	31	12	12	12	Feb
Feb	32.3	5.5	18.9	58	1966	-34	1962	1298	4.11	2.77	1970	29.3	67.5	1969	###	###	7	0	0	13	28	11	11	Feb
Mar	41.0	18.7	29.9	70	1963	-22	1972	1083	3.64	2.20	1969	19.9	39.0	1963	###	###	7	0	0	0	29	2	2	Mar
Apr	53.9	28.4	41.2	90	1962	0	1964	709	3.53	2.44	1968	6.9	23.5	1961	###	###	6	0	*	5	21	0	0	Apr
May	68.3	39.5	53.9	94	1962	18	1966	347	3.45	2.60	1960	.5	3.5	1966	###	###	7	*	0	0	8	0	0	May
Jun	77.1	49.2	63.2	96	1964	29	1961	109	3.69	2.57	1971	0	0				8	2	0	0	*	0	0	Jun
Jul	81.3	53.8	67.6	98	1963	33	1965+	38	3.96	2.55	1961	0	0				7	3	0	0	0	0	0	Jul
Aug	78.9	51.7	65.3	98	1965	26	1965	71	3.38	1.76	1964	0	0				7	2	0	0	0	0	0	Aug
Sep	71.1	44.3	57.7	98	1960	20	1965+	246	3.57	5.51	1960	0	0				6	1	0	0	5	0	0	Sep
Oct	59.9	34.1	47.0	88	1963	10	1972	551	3.96	2.66	1962	1.1	9.5	1969	###	###	6	0	0	0	14	0	0	Oct
Nov	44.8	25.5	35.2	72	1971	-4	1972	889	5.74	3.80	1963	9.6	25.0	1968	###	###	9	0	2	2	24	0	0	Nov
Dec	32.6	11.6	22.1	61	1966	-24	1960	1322	4.72	3.94	1969	28.4	60.5	1972	###	###	8	0	15	30	7	7	7	Dec
Year	55.9	30.6	43.3	98	Aug 1965	-34	Jan 1971	8142	46.69	5.51	1960	117.0	67.5	Feb 1969	###	###	84	8	54	190	32	32	32	Year

(a) Average length of record, years.

+ Also on earlier dates, months, or years.

T Trace, an amount too small to measure.

\* Less than one half.

\*\* Base 65°F

### Data not recorded.

Average Temperature (°F)

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	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	26.4	25.5	42.4	58.3	62.8	65.6	65.6	58.8	45.1	37.7	18.1	52.7
1961	12.7	21.6	29.4	40.8	51.9	62.2	66.4	65.4	65.4	50.0	37.8	23.8	44.0
1962	16.1	12.9	32.6	41.7	51.9	63.2	63.8	65.4	54.7	45.5	33.6	20.9	41.9
1963	18.8	14.0	31.5	41.3	53.5	64.2	69.8	62.5	54.4	52.3	39.2	13.5	42.9
1964	20.8	20.0	32.2	40.8	56.2	63.8	68.6	59.2	53.1	44.7	33.9	22.1	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	47.7	65.6	68.7	66.8	58.6	46.7	31.1	24.8	42.8
1968	13.1	15.5	32.9	45.3	51.5	60.1	68.5	63.1	60.2	49.3	33.1	21.4	42.8
1969	19.5	22.9	28.6	41.7	53.1	64.2	66.2	68.1	58.5	46.2	37.3	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	65.6	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	32.7	22.0	42.0

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1959	4.67	3.00	5.20	2.59	.59	5.09	1.86	4.68	2.70	7.59	7.52	4.64	50.13
1960	3.59	6.33	3.24	4.24	8.51	3.67	5.24	1.30	7.25	5.20	4.48	2.83	55.88
1961	1.22	4.49	2.50	5.29	4.16	3.99	6.80	1.25	3.70	1.98	4.93	3.63	43.93
1962	3.69	3.58	2.82	5.15	2.48	2.90	4.63	4.36	5.03	8.98	3.35	4.48	51.45
1963	3.47	2.95	4.29	3.34	3.52	1.96	2.79	5.63	1.88	1.28	12.90	2.46	46.47
1964	5.08	1.51	4.69	3.43	2.30	1.26	4.16	4.93	.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	4.37	4.67	2.25	35.16
1966	3.36	2.42	3.25	1.49	3.07	3.95	2.33	3.95	4.92	3.61	5.71	2.86	40.92
1967	1.80	3.96	1.61	3.82	4.89	4.67	3.93	1.86	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	7.30	47.88
1969	3.25	6.32	3.82	4.13	3.04	4.49	4.57	2.96	3.58	1.68	7.96	9.57	55.37
1970	.86	7.24	3.87	3.93	3.15	2.10	2.50	3.51	3.52	7.22	3.48	4.47	45.85
1971	3.17	5.10	3.37	1.47	3.72	3.72	5.19	3.40	4.89	3.52	3.09	3.59	44.77
1972	2.23	4.78	6.55	2.78	3.61	4.92	6.11	3.87	2.22	2.93	6.77	8.49	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

STATION BENTON 5 S.W.  
 NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1967-1976

Month	Temperature (°F)								** Mean degree days	Precipitation Totals (Inches)						Mean number of days					Month			
	Means			Extremes						Mean	Greatest daily	Year	Snow, Sleet			Precip. .10 inch or more	Temperatures							
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year	Mean					Maximum monthly	Year	Greatest daily		Year	90° and above	Max.			Min.		
																			32° and below	32° and below		0° and below	0° and below	
(a)	10	10	10	10		10		10	10	10					10	10	10	10	10					
Jan	26.6	5.9	16.3	55	1974	-25	1974	1507	1.93	1.25	1973	16.5	25.7	1968	10.5	1973	6	0	21	30	11			Jan
Feb	29.7	8.1	18.9	59	1976	-25	1967	1299	2.29	2.20	1969	18.5	52.0	1969	26.0	1969	6	0	17	27	10			Feb
Mar	38.6	18.6	28.6	65	1968+	-18	1967	1121	2.40	1.62	1974	15.4	34.8	1971	10.6	1971	6	0	9	29	2			Mar
Apr	52.0	29.9	41.0	87	1976	3	1969	716	2.72	1.90	1975	7.2	14.3	1975	9.5	1971	6	0	1	20	0			Apr
May	64.1	40.5	52.3	87	1975+	21	1967	392	3.71	1.41	1971	0.1	1.2	1967	1.2	1967	8	0	0	5	0			May
Jun	74.4	51.0	62.7	90	1969	32	1975	113	4.15	4.27	1973	0	0		0		9	0	0	0	0			Jun
Jul	78.1	55.0	66.6	91	1973	38	1969	41	4.33	3.50	1969	0	0		0		8	*	0	0	0			Jul
Aug	76.1	53.0	64.6	94	1975	37	1968	74	3.56	1.38	1972	0	0		0		7	0	0	0	0			Aug
Sep	67.2	46.0	56.6	86	1973+	25	1974	260	2.97	1.46	1967	0	0		0		7	0	0	2	0			Sep
Oct	56.9	36.2	46.6	80	1967	13	1969	563	3.07	1.87	1975	0.8	6.1	1969	5.2	1969	6	0	*	12	0			Oct
Nov	41.4	26.2	33.8	69	1975	3	1972	929	3.25	1.42	1974	8.5	20.6	1971	11.5	1971	8	0	6	23	0			Nov
Dec	30.5	13.1	21.8	58	1973	-20	1968	1333	3.82	3.33	1969	21.7	36.6	1970	9.8	1970	8	0	18	30	5			Dec
Year	53.0	32.0	43.0	94	Aug 1975	-25	Jan 1974	8348	38.20	4.27	Jun 1973	88.7	52.0	Feb 1969	26.0	Feb 1969	85	*	72	178	28			Year

(a) Average length of record, years.

+ Also on earlier dates, months, or years.

† Trace, an amount too small to measure.

\* Less than one half.

\*\* Base 65°F

Average Temperature (°F)

Total Precipitation (Inches)

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	25.8	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

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	37.72
1968	1.48	1.32	2.30	2.92	3.54	4.07	1.50	2.07	1.86	2.41	3.27	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	36.68
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

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\*\* 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	-17
60	19	1961	FEBRUARY	1966+	7	-20
69	31	1968	MARCH	1967	19	-14
90	27	1962	APRIL	1964	1	5
94	19	1962	MAY	1966	3	19
94	12	1967	JUNE	1964	6	29
95	26	1963	JULY	1965	7	33
94	7	1965	AUGUST	1965	31	28
89	4	1961	SEPTEMBER	1967+	12	29
81	16	1964	OCTOBER	1964	8	14
69	6	1959	NOVEMBER	1967	30	3
65	9	1966	DECEMBER	1968+	26	-13

+ 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

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

CLIMATOLOGICAL SUMMARY

STATION PETERBORO 2 S.  
 NEW HAMPSHIRE

MEANS AND EXTREMES FOR PERIOD 1959-1968

Month	Temperature (°F)									** Mean degree days	Precipitation Totals (Inches)						Mean number of days					Month					
	Means			Extremes			Mean	Greatest daily	Year		Snow, Sleet			Precip. .10 inch or more	Temperatures												
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest					Year	Mean	Maximum monthly		Year	Greatest daily	Year	90° and above	Max.		Min.						
																			32° and below	32° and below	0° and below		0° and below				
(a)	10	10	10	10		10		10				10	10	10	10	10	10	10	10								
Jan	31.2	11.4	21.3	56	1967	-17	1961	1348	2.82	2.07	1964	19.8	45.0	1966	###	###	5	0	15	30	6						Jan
Feb	32.3	10.5	21.4	60	1961	-20	1966+	1228	2.95	1.82	1960	25.1	42.5	1962	###	###	5	0	14	28	7						Feb
Mar	41.6	20.3	31.0	69	1968	-14	1967	1048	3.55	2.72	1968	21.6	44.0	1959	###	###	7	0	4	29	1						Mar
Apr	55.1	30.1	42.6	90	1962	5	1964	665	3.16	1.71	1962	5.6	24.7	1961	###	###	7	0	0	20	0						Apr
May	67.7	40.2	54.0	94	1962	19	1966	351	3.09	1.40	1967	.4	3.3	1967	###	###	7	0	0	7	0						May
Jun	75.2	42.4	62.8	94	1967	29	1964	115	3.51	2.80	1960	0	0				7	1	0	1	0						Jun
Jul	79.8	54.1	67.0	95	1963	33	1965	47	3.23	2.33	1964	0	0				6	2	0	0	0						Jul
Aug	76.8	52.7	64.8	94	1965	28	1965	78	3.74	2.12	1959	0	0				8	1	0	0	0						Aug
Sep	70.6	45.2	57.9	89	1961	29	1967+	238	3.61	5.08	1960	0	0				5	0	0	4	0						Sep
Oct	60.7	36.5	48.6	81	1964	14	1964	502	3.51	3.10	1959	1.1	5.0	1962	###	###	5	0	0	11	0						Oct
Nov	46.4	27.3	36.9	69	1959	3	1967	836	4.40	2.78	1963	6.9	26.0	1968	###	###	7	0	1	23	0						Nov
Dec	33.5	15.4	24.5	65	1966	-13	1968+	1249	3.62	2.21	1962	18.1	30.0	1960	###	###	6	0	16	29	5						Dec
Year	56.0	32.8	44.4	95	Jul 1963	-20	Feb 1966	7705	41.19	5.08	Sep 1960	98.3	45.0	1966	###	###	76	4	50	182	19						Year

(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.

### Data not recorded

Average Temperature (°F)

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
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	23.7	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	32.4	41.3	52.1	63.4	65.8	###	63.7	51.1	37.6	24.5	###
1962	20.4	18.3	31.7	42.7	52.1	62.9	62.1	64.8	56.1	47.7	34.8	22.5	43.0
1963	20.8	18.2	32.9	43.0	54.4	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	32.2	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	47.6	65.9	68.9	66.2	57.3	48.9	32.2	27.2	44.1
1968	18.5	19.2	34.5	47.1	51.7	61.8	68.6	64.6	59.5	50.7	34.4	27.5	44.8

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	4.46	2.99	8.94	2.60	2.69	2.85	50.33
1961	2.21	3.28	4.26	5.87	3.75	3.59	4.28	###	4.32	2.13	3.44	3.57	###
1962	3.10	3.27	2.11	3.61	2.11	2.39	3.07	3.58	3.10	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	2.64	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	2.85	1.17	31.65
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	3.36	5.18	7.13	4.07	3.60	3.70	3.18	1.67	3.04	5.98	45.45
1968	2.30	.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

Year		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

Month	Temperature (°F)								** Mean degree days	Precipitation Totals (Inches)						Mean number of days					Month		
	Means				Extremes					Mean	Greatest daily	Year	Snow, Sleet			Precip. .10 inch or more	Temperatures						
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year	Mean					Maximum monthly	Year	Greatest daily		Year	90° and above	Max.			Min.	
																			32° and below	32° and below		0° and below	0° and below
(a)	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	31	12	Jan	
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	28	18	Feb	
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	30	9	Mar	
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	25	1	Apr	
May	59.1	36.5	47.8	85	1975	19	1974	529	5.04	1.57	1975	0.5	1.5	1974	1.0	1976	10	0	0	9	0	May	
Jun	70.1	48.6	59.4	85	1975	28	1972	191	4.48	1.15	1973	0	0				9	0	0	2	0	Jun	
Jul	74.4	52.9	63.7	88	1973	34	1972	87	6.11	1.71	1973	0	0		0		10	0	0	0	0	Jul	
Aug	71.2	48.8	60.0	91	1975	31	1976	177	4.64	1.97	1975	0	0		0		9	*	0	0	0	Aug	
Sep	62.3	41.0	51.7	84	1973+	25	1974+	403	4.29	1.49	1973	0	0		0		10	0	0	5	0	Sep	
Oct	50.0	29.0	39.5	71	1975	8	1972	784	3.93	1.58	1976	2.0	6.0	1976	2.5	1972	9	0	2	21	0	Oct	
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	12	26	*	Nov	
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	23	30	12	Dec	
Year	47.6	25.9	36.8	91	Aug 1975	-40	Feb 1973	10333	50.25	1.97	Aug 1975	165.2	55.8	Dec 1972	13.0	Mar 1976	116	0	102	228	52	Year	

(a) Average length of record, years.

+ Also on earlier dates, months, or years.

T Trace, an amount too small to measure.

\* Less than one half.

\*\* Base 65°F

Average Temperature (°F)

Total Precipitation (Inches)

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
1973	13.5	7.1	30.4	36.5	47.0	59.9	64.4	****	51.8	42.8	27.7	19.7	****
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
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
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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
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	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	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	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	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.

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

Year		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
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

CLIMATOLOGICAL SUMMARY

STATION LANCASTER  
NEW HAMPSHIRE

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

MEANS AND EXTREMES FOR PERIOD 1969-1973

Month	Temperature (°F)								** Mean degree days	Precipitation Totals (Inches)							Mean number of days					Month		
	Means			Extremes						Mean	Greatest daily	Year	Snow, Sleet				Precip. .10 inch or more 90° and above	Temperatures						
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year	Mean					Maximum monthly	Year	Greatest daily	Year		Precip. .10 inch or more 90° and above	Temperatures					
																			Max.	Min.				
Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year	Mean	Maximum monthly	Year	Greatest daily	Year	Precip. .10 inch or more 90° and above	32° and below	32° and below 0° and below										
(a)	5	5	5	5		5		5																
Jan	24.7	-1	12.3	57	1973	-34	1973	1643	1.83	1.30	1973	12.4	18.3	1973	###	####	5	0	22	31	16		Jan	
Feb	30.7	3.8	17.3	53	1972	-35	1971	1343	2.27	1.15	1969	20.7	43.5	1969	###	####	6	0	15	28	12		Feb	
Mar	38.5	8.3	23.4	65	1973	-25	1972	1154	2.81	2.02	1971	12.6	19.5	1971	###	####	7	0	7	30	3		Mar	
Apr	51.4	25.7	38.6	80	1973	-1	1969	783	2.68	1.17	1969	3.6	9.0	1971	###	####	7	0	0	23	0		Apr	
May	66.8	38.6	52.7	89	1971	23	1970	381	3.73	1.17	1973	0	T	1970	###	####	10	0	0	8	0		May	
Jun	75.3	47.4	61.4	91	1969	29	1973+	148	5.07	2.30	1971	0	0				5	*	0	2	0		Jun	
Jul	79.6	52.3	66.0	93	1973	33	1969	53	4.63	1.64	1969	0	0				9	1	0	0	0		Jul	
Aug	78.6	52.2	65.4	90	1973	36	1972	71	3.93	1.65	1971	0	0				8	*	0	0	0		Aug	
Sep	69.5	45.1	57.3	88	1973	23	1972	253	2.31	1.20	1973	0	0				5	0	0	3	0		Sep	
Oct	58.8	34.4	46.6	82	1970	8	1972	563	2.50	1.13	1971	1.2	6.0	1969	###	####	6	0	0	13	0		Oct	
Nov	41.6	24.6	33.1	66	1970+	-4	1969	950	3.29	1.13	1973	5.7	13.2	1971	###	####	8	0	5	26	*		Nov	
Dec	29.0	10.3	19.7	57	1973	-28	1969	1401	4.43	1.77	1973	25.8	38.2	1970	###	####	10	0	20	30	8		Dec	
Year	53.7	28.6	41.2	93	Jul 1973	-35	Feb 1971	8743	39.48	2.30	Jun 1971	82.0	43.5	Feb 1969	###	####	86	1	69	194	39		Year	

(a) Average length of record, years.

+ Also on earlier dates, months, or years.

T Trace, an amount too small to measure.

\* Less than one half.

\*\* Base 65°F

### Data not recorded.

Average Temperature (°F)

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	43.9

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1969	1.53	3.75	1.54	3.72	3.00	3.39	5.14	2.94	2.42	2.49	4.52	4.78	39.22
1970	.63	2.05	2.40	3.09	3.41	3.08	3.76	4.31	3.21	2.72	1.94	3.45	34.05
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	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	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.

MONTHLY EXTREME TEMPERATURES RECORDED AT LANCASTER  
BY YEARS 1969-1973

Year		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
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