

## **North Conway, NH (NCON3) Monthly Weather Summary**

### **December 2024 and Annual Summary**

#### ***Summary***

2024 was the warmest year in North Conway, New Hampshire since records began in 1959 with Joe Dodge recording conditions at his home on West Side Road. An average annual temperature of 48.5F was recorded, surpassing the previous record of 48.2F, set last year. Four out of the five warmest years on record have occurred since 2020, and seven of the top ten warmest years have occurred since 2010.

Warmest Years on Record:

1. **48.5F (2024)**
2. 48.2F (2023)
3. 47.6F (2021)
4. 47.4F (1998)
5. 47.3F (2020)

Regionally, both Concord, Hampshire, and Augusta, Maine, reported their warmest years since records began in 1868 and 1948 respectively. Portland, Maine, recorded its fourth warmest year since records began in 1940.

Despite being the warmest year on record, December 2024 was 2.0F degrees cooler than normal thanks in part to extended cold conditions observed during the Christmas and holiday break period. Strong Arctic high pressure brought seven consecutive days of clear conditions along with single digit minimum temperatures. The coldest day recorded in North Conway since early 2023 was recorded on the morning of the 23<sup>rd</sup> with a minimum temperature of -1F recorded (surprisingly the winter of 2023-2024 did not have a single day below zero observed).

Although multiple high-pressure systems allowed for periods of clear, dry, and cold stretches, several weather events brought precipitation, both in the form of snow and rain. Snowfall totaled just 0.8 inches below normal at 16.1 inches. Rainfall, and overall liquid equivalent precipitation totaled 7.56 inches, making December 2024 the sixth wettest on record.

Snow on the ground reached a maximum depth of 10 inches before a significant rain-on-snow event occurred on the 11<sup>th</sup> to 12<sup>th</sup> bringing 2.25 inches of rainfall. The Saco River gauge in Conway reached a maximum depth of 9.23 feet, surpassing the 9-foot minor flood stage. Drier than normal conditions in the month preceding the rain event likely kept flooding impacts to a minimum.

#### ***December Temperature***

Average Maximum Temperature: 33.5F [-2.1F]

Average Minimum Temperature: 15.6F [-2.1F]

Mean Temperature: 24.6F [-2.0F]

Maximum Temperature for the Month: 54F on the 17<sup>th</sup>-18<sup>th</sup>

Minimum Temperature for the Month: -1F on the 22<sup>nd</sup>-23<sup>rd</sup>

### ***December Precipitation***

Total: 7.56 inches [+3.01 inches above normal]

Greatest in 24 hours: 2.25 inches on the 11<sup>th</sup>-12<sup>th</sup>

Snowfall: 16.1 inches [-0.8 below normal]

Snowfall this Season: 21.5 inches [-0.2 inches below normal]

### ***December Wind***

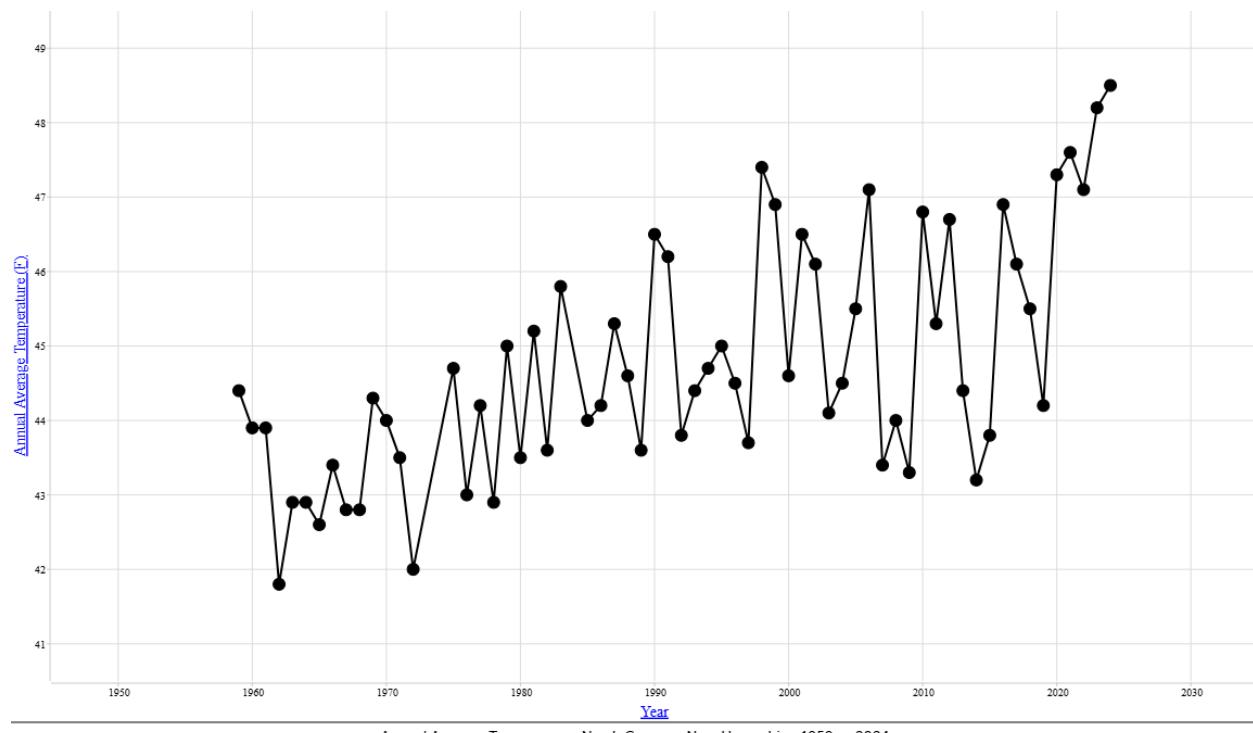
Average wind speed: 1.3 MPH

Peak Gust and Direction: 25.3 MPH from the NE on the 12<sup>th</sup>

### ***Annual 2024 Statistics***

Annual Average Temperature: 48.5F [+3.1]

Total Precipitation: 52.30 inches [+2.19 above normal]



Summary provided by: Brian Fitzgerald, MWOBS, Director of Education

COOP Observers: Brian Fitzgerald, Jackie Bellefontaine, Amy Cotter, Ed Boyle, Hank Dresch, Marie Kapsar, Mark Bunker, Jeff Hayes

Pine Street, North Conway, New Hampshire

Period of Observation: 8:00 AM – 8: 00 AM

30 Year Climate Normals Based on Averages from 1991-2020. Access to climate normals for stations across the country available here: <https://www.ncei.noaa.gov/access/us-climate-normals/>