

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

### December 2023 and Annual Summary

#### **Summary**

A warm, wet December brought 2023 to a fitting end for a year that featured warmer and wetter than normal conditions. With an average annual temperature of 48.2F, 2023 is now the warmest year on record in North Conway, surpassing the old record that was set in 2021. This past December is the second warmest on record at 32.6F, behind the record warmest December that was observed in 2015. On four different days during the month temperatures reached or exceeded the 50F mark, along with five days on which minimum temperatures did not reach the freezing mark.

Precipitation, particularly rainfall, was another significant feature of this past December. Now the sixth wettest December on record, rainfall was observed on thirteen separate observing days. Most notably, heavy rainfall, totaling 3.71 inches on the 17<sup>th</sup>-18<sup>th</sup> and 18<sup>th</sup>-19<sup>th</sup> brought flooding to North Conway and the region resulting in significant roadway and property damage. A combination of heavy rainfall, snow melting in upper mountain elevations, and frozen, less permeable soils led to the historic flooding conditions. The Saco River gauge in Conway recorded its second highest flood stage level, beating out the historic levels seen during the remnants of Hurricane Irene in 2011. West Side Road in North Conway, along with many roads throughout the area were temporarily closed during and for a short time after the flood event.

Snowfall totaled just 6.4 inches, reaching a maximum depth of 6 inches of snow on the ground on the morning of the 4<sup>th</sup>. Heavy rainfall events along with warm temperatures eliminated snow at the North Conway site by the morning of the 16<sup>th</sup>. Sadly, a White Christmas was not to be had this year, with a prolonged stretch of above normal temperatures and rainy and foggy conditions during the holiday period. Snowfall for the season (July 2023- June 2024) now totals 13.5 inches, which is 8.2 inches below normal.

#### Warmest Years on Record:

1. **48.2F (2023)**
2. 47.6F (2021)
3. 47.4F (1998)
4. 47.3F (2020)
5. 47.1F (2022)

#### Warmest Decembers on Record:

1. 35.0F (2015)
2. **32.6F (2023)**
3. 32.1F (2001)

Wettest Years on Record:

1. 65.86 inches (2005)
2. 65.41 inches (2008)
3. 62.62 inches (1996)
- 4. 61.70 inches (2023)**
5. 60.95 inches (2006)

***December Temperature***

Average Maximum Temperature: 40.2F [+4.6F]

Average Minimum Temperature: 25.1F [+7.4F]

Mean Temperature: 32.7F [+6.1F]

Maximum Temperature for the Month: 59F on the 18<sup>th</sup>-19<sup>th</sup>

Minimum Temperature for the Month: 7F on the 6<sup>th</sup>-7<sup>th</sup>

***December Precipitation***

Total: 7.35 inches [+2.80 inches above normal]

Greatest in 24 hours: 2.14 inches on the 17<sup>th</sup>-18<sup>th</sup>

Total Year-to-Date: 61.70 inches

Snowfall: 6.4 inches [-10.5 below normal]

Snowfall this Season: 13.5 inches [-8.2 inches below normal]

***December Wind***

Average wind speed: 1.0 MPH

Peak Gust and Direction: 26.1 MPH from the NNE on the 15<sup>th</sup>

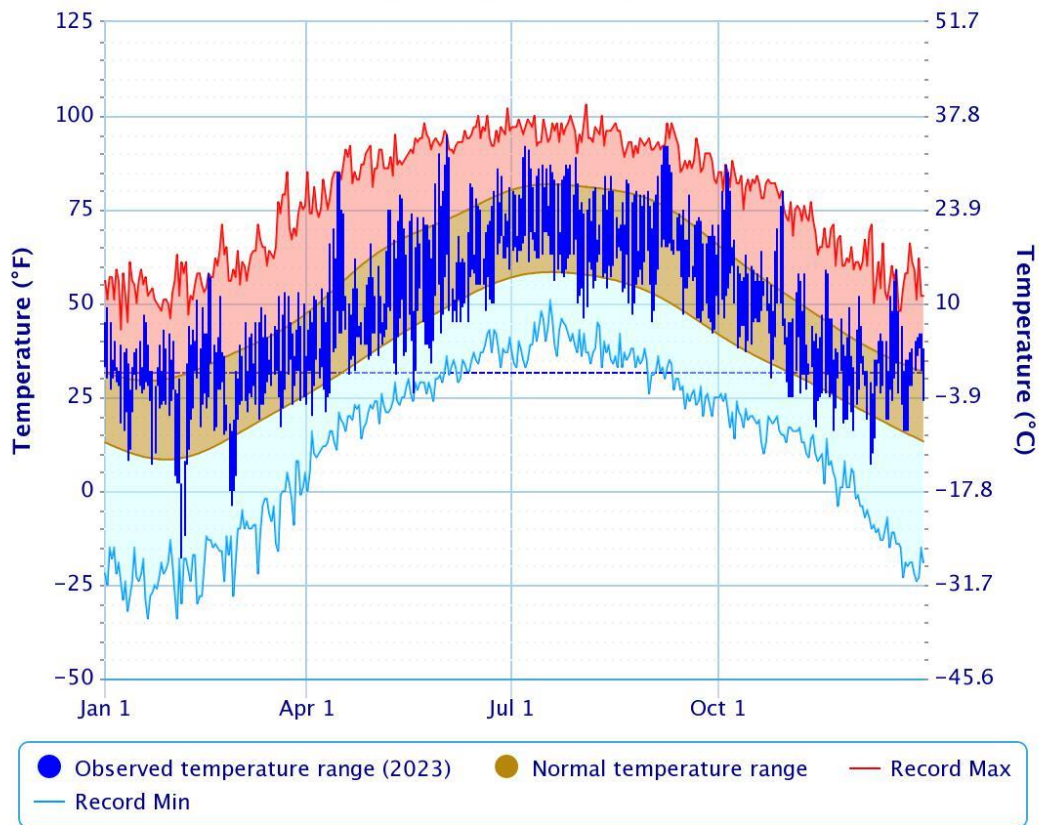
***Annual 2023 Statistics***

Annual Average Temperature: 48.2F [+3.1]

Total Precipitation: 61.70 inches [+11.59 inches above normal]

## Daily Temperature Data – NORTH CONWAY, NH

Period of Record – 1959-01-01 to 2024-01-02. Normals period: 1991-2020. Click and drag to zoom chart.



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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.nci.noaa.gov/access/us-climate-normals/>