North Conway, NH (NCON3) Monthly Weather Summary

December 2022

Summary

The year 2023 marks the 64th year the North Conway Cooperative Station has been monitoring weather going back to the station’s founder, Joe Dodge, in 1959. The year 2022 was the fifth warmest year on record in North Conway, according to the National Centers for Environmental Information’s (NCEI). The warmest year on record was just last year, 2021. Here are the top five warmest years:

1. 47.6F (2021)
2. 47.4F (1998)
3. 47.3F (2020)
4. 47.1 (2006)
5. 47.0 (2022)

December 2022 was warmer and wetter than normal, with powerful mid-latitude cyclones bringing significant precipitation and wind to the Mt. Washington Valley. These events brought flooding and power outages to the region, along with a large cold-air outbreak during the 23rd to 24th. Temperatures swung from a maximum temperature of 53F to a minimum of 10F during this 24-hour period, followed by a 24-hour period on the 24th to 25th where temperatures were stuck in the teens F. Prior to this event, the largest snowfall of season fell during a storm on the 16th to 17th, with 7.5 inches of snow accumulating. Snowfall throughout the region was highly variable, with reports of more than two feet of snow falling in neighboring villages and towns.

Snow depth reached a peak of 9 inches on the ground, prior to a large melt-out from 3.08 of rain and melted snowfall. By month and year’s end, snow on the ground averaged 2 inches. Snowfall for the season now totals 13.1 inches, which is 8.6 inches below normal so far for the snow year (Since July).

Temperature

Average Maximum Temperature: 37.8F [+2.2F]
Average Minimum Temperature: 22.2F [+4.5F]
Mean Temperature: 30.0F [+3.4F]
Maximum Temperature for the Month: 53F on the 23rd-24th
Minimum Temperature for the Month: 10F on the 23rd-24th and 24th-25th

Precipitation

Total: 7.61 inches [+3.06 inches above normal]
Greatest in 24 hours: 1.70 inches [on the 30th to 1st]
Snowfall: 11.0 inches [-5.9 inches below normal]
Wind

Average wind speed: 1.9 MPH

Peak Gust and Direction: 33.7 MPH from the NW on the 1st

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Summary provided by: Brian Fitzgerald

COOP Observers: Brian Fitzgerald, Hank Dresch, Ed Boyle, Mark Bunker

Pine Street, North Conway, New Hampshire

Period of Observation: 8:00 AM – 8:00 AM
Daily temperature data for the year 2022, with normal temperature range and station record maximum and minimum temperature records for reference. Source: https://w2.weather.gov/climate/xmacis.php?wfo=gyx