



Daniel Smiley Research Center
MOHONK PRESERVE
Mohonk Lake, New Paltz, NY 12561

Natural Science Note No. 607-09

Weather: January 2009

From records of the Mohonk Lake Cooperative Weather Station
Established January, 1896

| | 113-year average 1896-2008 | Actual This Year | Deviation from Average |
|----------------------------|---------------------------------------|-------------------------|-----------------------------------|
| Temperature (°F) | 24.8 | 20.5 | -4.3 |
| Precipitation (in.) | 3.49 | 3.46 | -0.03 |
| Snow (in.) | 15.1 | 19.1 | +4.0 |

Highest temperature: 41°F on the 24th

Lowest temperature: -2°F on the 17th

Fog: 3 days (7th, 11th, 28th)

Ice Pellets: 1 day (28th)

Glaze: 3 days (5th, 7th, 28th)

Thunder:

Damaging Wind:

Misting:

Rime: 3 days (7th, 11th, 15th)

Haze: 12 days (2nd, 5th, 8th, 13th, 15th, 19th, 20th, 22nd, 23rd, 25th, 27th, 30th)

Lake Ice: 5-6 in. thick on the 8th, increased to 9 ½ in. thick on the 21st.

Snow on Ground: 4 in. on the 1st, decreased to 3 in. on the 2nd, increased to 5 in. on the 7th, 9 in. on the 11th, 10 in. on the 15th, and 14 in. on the 18th, then decreased to 11 in. on the 23rd, and increased to 17 in. on the 28th.

Precipitation pH: 4.61 (n=7)

Summary

Temperature for the month was 4.3°F below the 113 year average. The -2°F minimum temperature recorded on the 17th was the 6th coldest temperature recorded on that date (the coldest 17th January occurred in 1982, -13°F) and it was the lowest temperature recorded since 9 March 2007 (-2°F). Precipitation for the month was 3.46 in., 1% below normal. Monthly snowfall was 19.1 in., 26% above normal.

Paul C. Huth, Director of Research
John E. Thompson, Natural Resources Specialist

MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for January 2009

Compiled by the MOHONK PRESERVE, Mohonk Lake, New Paltz, NY 12561

| | Months | 113-year Average (1896-2008) | Actual this Year | Deviation from Average |
|----------------------------|---------|------------------------------------|------------------------|------------------------------|
| Temperature (°F) | | | | |
| Month | | 24.8 | 20.5 | -4.3 |
| Season | Nov-Jan | 31.3 | 30.1 | -1.2 |
| Precipitation (in.) | | | | |
| Month | | 3.49 | 3.46 | -0.03 |
| Season | Nov-Jan | 11.15 | 14.66 | +3.51 |
| Snow | | | | |
| Month | | 15.1 | 19.1 | +4.0 |
| Season | Nov-Jan | 29.8 | 37.3 | +7.5 |

Highest temperature: 41°F on the 24th

Lowest temperature: -2°F on the 17th

This month last year:

Temperature 29.4°F

Precipitation 2.07 in.

Snow 13.0 in.