



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

Natural Science Note No. 620-09

Weather: December 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)	28.8	28.6	-0.2
Precipitation (in.)	3.88	6.30	+2.42
Snow (in.)	11.6	17.3	+5.7

Highest temperature: 58°F on the 3rd

Lowest temperature: 2°F on the 18th

Fog: 7 days (5th, 9th, 13th, 15th, 25th, 26th, 27th)

Ice Pellets: 2 days (9th, 13th)

Glaze: 3 days (9th, 13th, 26th)

Thunder: 1 day (26th)

Damaging Wind:

Misting:

Rime: 3 days (9th, 25th, 26th)

Haze: 7 days (1st, 2nd, 7th, 8th, 10th, 13th, 31st)

Lake Ice: < 1% on the 17th, increased to 80% on the 18th, decreased to 70% on the 22nd, and 50% on the 29th

Snow on Ground: 2 in. on the 5th, increased to 4 in. on the 6th, decreased to 2 in. on the 8th, increased to 8 in. on the 9th, decreased to 5 in. on the 11th, increased to 6 in. on the 13th, decreased to 3 in. on the 15th, increased to 4 in. on the 26th, decreased to 3 in. on the 27th, increased to 5 in. on the 31st.

Precipitation pH: 5.06 (n=8)

Summary

Temperature for the month was 0.2°F below the 113 year average. Precipitation for the month was 6.30 in., 62% above normal. The highest amount of precipitation recorded on a December 27th occurred this month, 1.26 in. (previous high was 1.08 in. in 1912). Monthly snowfall was 17.3 in., 49% above normal.

Paul C. Huth, Director of Research
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MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for December 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		28.8	28.6	-0.2
Season	Jan-Dec	48.3	49.3	+1.0
Precipitation (in.)				
Month		3.88	6.30	+2.42
Season	Jan-Dec	47.85	60.99	+13.14
Snow				
Month		11.6	17.3	+5.7
Season	Nov-Dec	14.9	17.3	+2.4

Highest temperature: 58°F on the 3rd

Lowest temperature: 2°F on the 18th

This month last year:

Temperature 30.1°F

Precipitation 8.21 in. (5th wettest)

Snow 17.9 in.