



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

Natural Science Note No. 665-12

Weather: December, 2012

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

	116-year average 1896-2011	Actual This Year	Deviation from Average
Temperature (°F)	28.8	33.8	+5.0
Precipitation (in.)	3.91	5.7	+1.79
Snow (in.)	11.6	12.5	+0.9

Highest temperature: 52°F on the 5th

Lowest temperature: 17°F on the 26th

Fog: 13 days (1st, 4th, 7-10th, 16-18th, 21st, 25th, 27th, 29th)

Haze: 10 days (2nd, 3rd, 12-15th, 22nd, 24-26th)

Misting: 7 days (4th, 8th, 10th, 16th, 17th, 18th)

Rime: 2 days (27th, 29th)

Glaze: 4 days (16th, 20th, 27th, 29th)

Sun Dog: 1 day (15th)

Precipitation pH: 4.92 (n=12)

Days of Measurable Precipitation: 17 (average is 10)

Summary

This December was 5°F warmer and 46% wetter (1.79 inches) than normal. Lake ice first appeared on the 24th and expanded to 95% cover by the 29th. Ice over did not occur this month (until January 3rd, 2013).

No daily temperature or precipitation records were set.

Ethan M. Pierce, Forester and Conservation Specialist
John E. Thompson, Director of Conservation Science

MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for December 2012

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

	Months	116-year Average (1896-2011)	Actual this Year	Deviation from Average
Temperature (°F)				
Month		28.8	33.8	+5.0
Season	Jan-Dec	48.4	52.6	+4.3
Precipitation (in.)				
Month		3.91	5.70	+1.79
Season	Jan-Dec	48.23	47.66	-0.57
Snow				
Month		11.6	12.5	+0.9
Season	Oct-Dec	15.1	14.9	-0.2

Highest temperature: 52°F on the 5th

Lowest temperature: 17°F on the 26th

This month last year:

Temperature 36.1°F

Precipitation 4.59 in.

Snow 0.5 in

MOHONK LAKE COOPERATIVE WEATHER STATION

