



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

Natural Science Note No. 668-13

Weather: January, 2013

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

	117-year average 1896-2012	Actual This Year	Deviation from Average
Temperature (F)	24.8	28.5	+3.7
Precipitation (in.)	3.48	2.72	-0.76
Snow (in.)	15.2	5.2	-10.0

Highest temperature: 55 F on the 31st

Lowest temperature: -2 F on the 3rd

Fog: 8 days (11th – 14th, 16th, 28th – 30th)

Ice Pellets: 2 days (28th, 31st)

Glaze: 3 days (11th, 16th, 28th)

Damaging Wind: 1 day (30th)

Haze: 14 days (4th, 6th – 9th, 15th, 17th – 20th, 23rd – 24th, 28th – 29th)

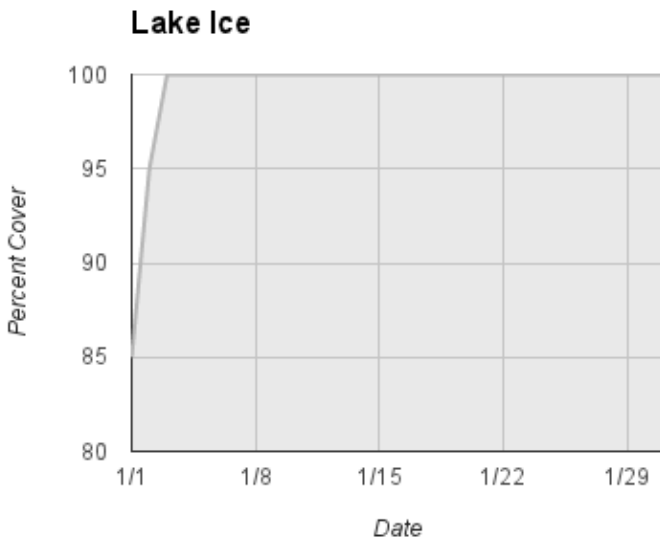
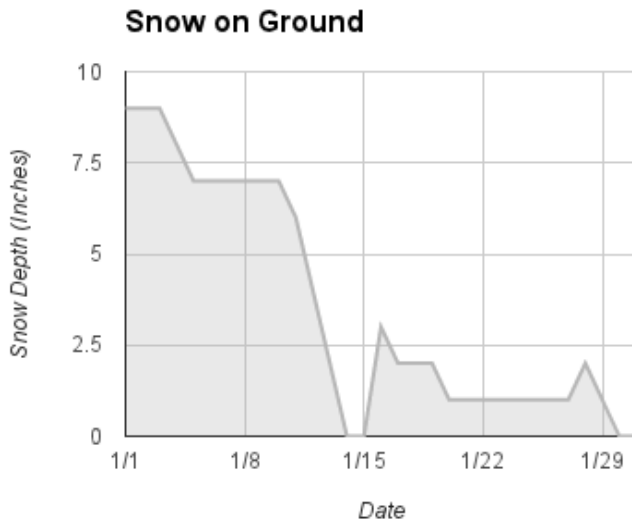
Misting: 5 days (13th, 16th, 28th – 30th)

Sun Pillar: 1 day (3rd)

Iridescent Cloud: 1 day (8th)

Rime: 2 days (3rd, 24th)

Precipitation pH: 5.18 (n=5)



Summary

Temperature for the month was 3.7 F above the 117-year average. Precipitation for the month was 2.72 in., 22% below normal. Monthly snowfall was 5.2 in., 66% below normal. A daily temperature record was set for the highest maximum temperature on the 31st at 55°F (previous record of 54°F occurred in 1947). The total number of days with measurable precipitation was 10, 1 day below average. The daily minimum of -2°F on the 3rd is the coldest temperature since Jan. 24, 2011, when it hit -9°F. **Lake ice over** occurred on the 3rd, 7 days later than the 71-year average.

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



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Summary for January 2013

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

	Months	117-year Average (1896-2012)	Actual this Year	Deviation from Average
Temperature (F)		24.8	28.5	+3.7
	Month			
Season	Nov-Jan	31.4	33.7	+2.3
Precipitation (in.)		3.48	2.72	-0.76
	Month			
Season	Nov-Jan	11.19	9.38	-1.81
Snow (in.)		15.2	5.2	-10.0
	Month			
Season	Oct-Jan	30.3	20.1	-10.2

Highest temperature: 55 F on the 31st

Lowest temperature: -2 F on the 3rd

This month last year:

Temperature 30.0 F

Precipitation 3.54 in.

Snow 8.3 in.