



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

Natural Science Note No. 694-14

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

Weather Summary for December, 2014

	118-year average 1896-2013	Actual This Year	Deviation from Average
Temperature (°F)	28.8	33.6	+4.8
Precipitation (in.)	3.93	3.78	-0.15
Snow (in.)	11.6	1.3	-10.3

Highest temperature: 55°F on the 25th

Lowest temperature: 11°F on the 8th

Fog: 10 days (2nd, 3rd, 6th, 9th, 16th, 17th, 22nd —25th)

Haze: 12 days (1st, 4th, 5th, 8th, 11th, 15th, 16th, 20th, 21st, 26th, 27th, 29th)

Glaze: 3 days (2nd, 5th, 9th)

Rime: 3 days (15th, 21st, 22nd)

Misting: 4 days (3rd, 22nd-24th)

Solar Pillar: 1 day (31st)

Precipitation pH: 4.98 (n=7)

Snow on Ground: 2 inches on December 1st; Trace on the 2nd, 4th-7th, 10th-12th, 21st and 22nd

Summary

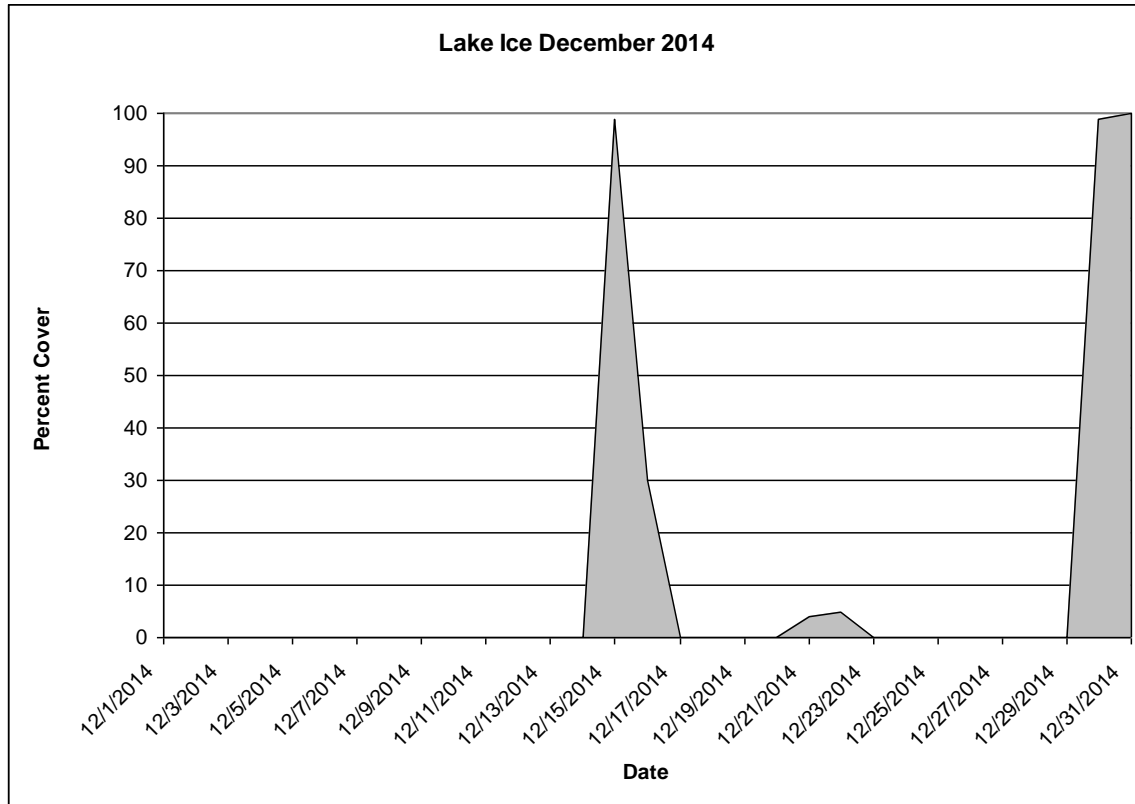
Temperature for the month was 4.8°F above average. Precipitation was 0.15 inches below average. Snowfall was 10.3 inches below average, ranking this the 9th least snowy December on record (see table). 11 days of measurable precipitation were recorded (average is 11). Mohonk Lake froze over on 12/31, four days later than average.

Hallie E. Schwab, Citizen Science Coordinator

James C. Byam, Giuseppe Traverso Citizen Naturalist Intern

John E. Thompson, Director of Conservation Science

MOHONK LAKE COOPERATIVE WEATHER STATION



Least Snowy Decembers 1896-2014

Year	Snowfall (Inches)	Rank
1928	0	1
1943	Trace	2
1954	Trace	3
1988	Trace	4
1999	0.4	5
2011	0.5	6
1923	0.9	7
1927	1	8
2014	1.3	9
1905	1.5	10