



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

**Natural Science Note No. 696-15**

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

**Weather Summary for January, 2015**

	<b>119-year average 1896-2014</b>	<b>Actual This Year</b>	<b>Deviation from Average</b>
<b>Temperature (°F)</b>	24.8	22.1	-2.7
<b>Precipitation (in.)</b>	3.50	3.41	-0.09
<b>Snow (in.)</b>	15.2	17.5	+2.3

Highest temperature: 42°F on the 5<sup>th</sup>

Lowest temperature: -1°F on the 8<sup>th</sup> and 14<sup>th</sup>

Fog: 8 days (3<sup>rd</sup>, 4<sup>th</sup>, 9<sup>th</sup>, 12<sup>th</sup>, 22<sup>nd</sup>, 24<sup>th</sup>, 26<sup>th</sup>, 30<sup>th</sup>)

Haze: 13 days (1<sup>st</sup>, 3<sup>rd</sup>, 6<sup>th</sup>—8<sup>th</sup>, 13<sup>th</sup>—16<sup>th</sup>, 21<sup>st</sup>, 23<sup>rd</sup>, 26<sup>th</sup>, 27<sup>th</sup>)

Glaze: 4 days (3<sup>rd</sup>, 4<sup>th</sup>, 12<sup>th</sup>, 18<sup>th</sup>)

Sun Dog: 1 day (23<sup>rd</sup>)

Solar Halo: 1 day (29<sup>th</sup>)

Precipitation pH: 4.98 (n=8)

Lake Ice: 3” thick on the 5<sup>th</sup> and 10 ¼” thick on the 15<sup>th</sup>

**Summary**

Temperature for the month was 2.7°F below average. Precipitation was 0.09 inches below average. Snowfall was 2.3 inches above average. 13 days of measurable precipitation were recorded (average is 11). Mohonk Lake remained frozen throughout the month.

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# MOHONK LAKE COOPERATIVE WEATHER STATION

