



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

**Natural Science Note No. 682-14**

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

**Weather Summary for January, 2014**

	<b>118-year average 1896-2013</b>	<b>Actual This Year</b>	<b>Deviation from Average</b>
<b>Temperature</b> (°F)	24.9	21.5	-3.4
<b>Precipitation</b> (in.)	3.47	3.97	+0.50
<b>Snow</b> (in.)	15.1	11.2	-3.9

Highest temperature: 54 °F on the 11<sup>th</sup>

Lowest temperature: -4 °F on the 22<sup>nd</sup>

Fog: 4 days (6<sup>th</sup>, 11<sup>th</sup>, 14<sup>th</sup>, 15<sup>th</sup>)

Misting: 1 day (5<sup>th</sup>)

Glaze: 2 day (5<sup>th</sup>, 15<sup>th</sup>)

Thunder: 1 day (11<sup>th</sup>)

Haze: 15 days (8<sup>th</sup> – 10<sup>th</sup>, 13<sup>th</sup>, 15<sup>th</sup> – 19<sup>th</sup>, 21<sup>st</sup> – 23<sup>rd</sup>, 29<sup>th</sup> – 31<sup>st</sup>)

Precipitation pH: 4.76 (n=10)

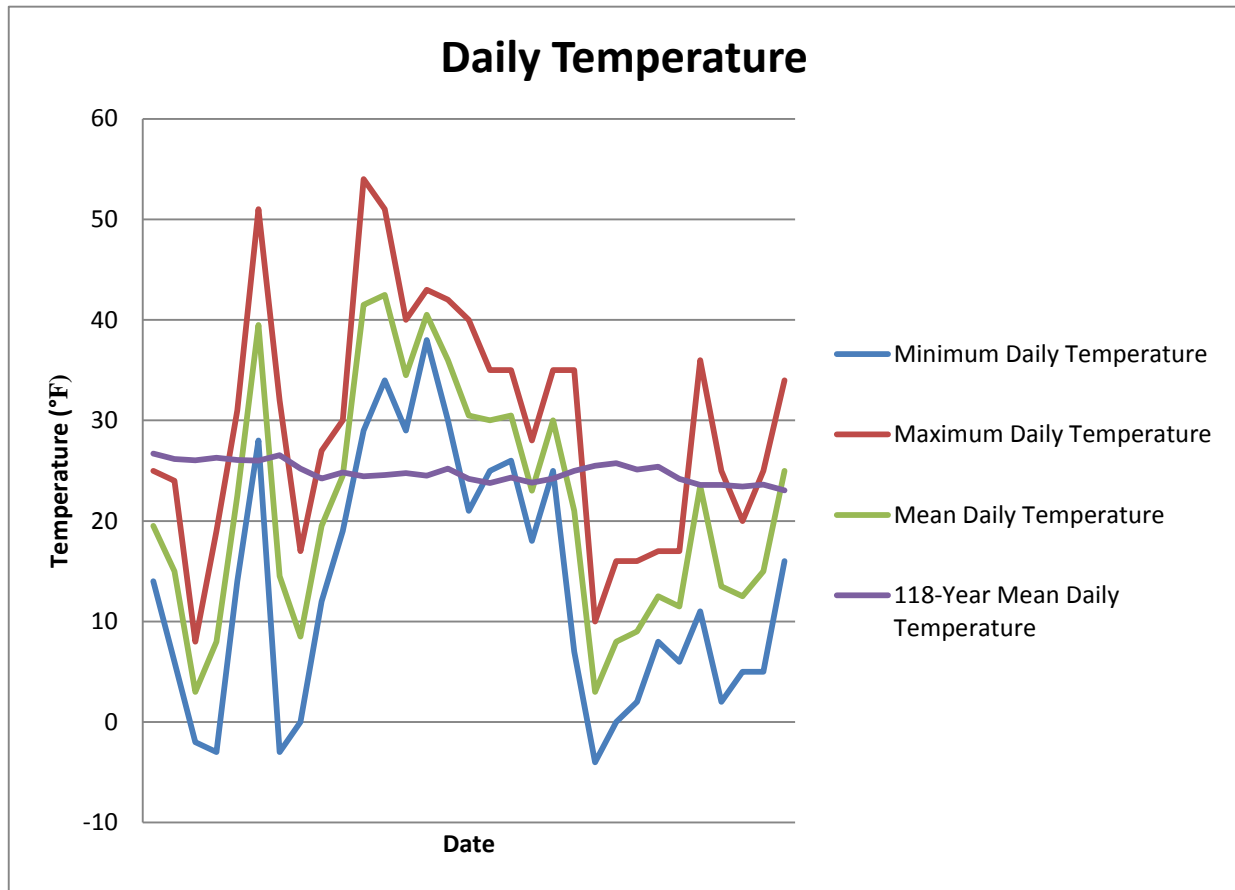
Lake Ice: 100% 1<sup>st</sup> – 31<sup>st</sup>. 7 inches thick off Boat Wharf on the 9<sup>th</sup>, 9 inches thick (1/2 inch snow ice) on the 24<sup>th</sup>, and 12 inches thick on the 30<sup>th</sup>.

Snow On Ground: 1 inch on the 2<sup>nd</sup>, 5 inches on the 3<sup>rd</sup>, 4 inches on the 4<sup>th</sup>, a trace from the 6<sup>th</sup> – 8<sup>th</sup>, 1 inch on the 10<sup>th</sup>, a trace on the 16<sup>th</sup> and 17<sup>th</sup>, 2 inches on the 18<sup>th</sup>, 1 inch from the 19<sup>th</sup> – 24<sup>th</sup>, 3 inches on the 25<sup>th</sup> and 26<sup>th</sup>, and 2 inches from the 27<sup>th</sup> – 31<sup>st</sup>.

**Summary**

Temperature for the month was 3.4 °F below average. Precipitation was 0.5 in. above average. Snowfall was 3.9 in. below average. 14 days of measurable precipitation were recorded (average is 11). A total of 18 days did not reach above 32 °F. No daily temperature or precipitation records were set. Mohonk Lake remained frozen throughout the month.

# MOHONK LAKE COOPERATIVE WEATHER STATION



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