



Daniel Smiley Research Center  
MOHONK PRESERVE  
Mohonk Lake, New Paltz, NY 12561  
Natural Science Note No. 640-11

**Weather: February, 2011**

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

	<b>115-year average 1896-2009</b>	<b>Actual This Year</b>	<b>Deviation from Average</b>
<b>Temperature (°F)</b>	26.0	28.0	+2.0
<b>Precipitation (in.)</b>	3.30	5.07	+1.77
<b>Snow (in.)</b>	14.8	16.4	+1.6

Highest temperature: 60°F on the 18<sup>th</sup>

Lowest temperature: 5°F on the 22<sup>nd</sup>

Fog: 6 days (1<sup>st</sup>, 2<sup>nd</sup>, 5<sup>th</sup>, 8<sup>th</sup>, 25<sup>th</sup>, 28<sup>th</sup>)

Ice Pellets: 2 days (1<sup>st</sup>, 2<sup>nd</sup>)

Glaze: 6 days (1<sup>st</sup>, 2<sup>nd</sup>, 5<sup>th</sup>, 25<sup>th</sup>, 26<sup>th</sup>, 28<sup>th</sup>)

Misting: 1 day (2<sup>nd</sup>)

Haze: 11 days (4<sup>th</sup>, 7<sup>th</sup>, 12<sup>th</sup>-14<sup>th</sup>, 17<sup>th</sup>, 18<sup>th</sup>, 22<sup>nd</sup>-24<sup>th</sup>, 27<sup>th</sup>)

Rime: 2 days (1<sup>st</sup>, 2<sup>nd</sup>)

Solar Halo: 2 days (11<sup>th</sup>, 20<sup>th</sup>)

Lake Ice: 18-19 ½ in. thick on the 17<sup>th</sup>.

Snow on Ground: 20 in. on the 1<sup>st</sup>, increased to 22 in. on the 2<sup>nd</sup>, decreased to 20 in. on the 6<sup>th</sup>, increased to 22 in. on the 8<sup>th</sup>, decreased to 14 in. on the 19<sup>th</sup>, increased to 16 in. on the 21<sup>st</sup>, increased to 18 in. on the 27<sup>th</sup>, decreased to 16 in. on the 28<sup>th</sup>.

Precipitation pH: 4.62 (n=8)

**Summary**

Temperature for the month was 2.0°F above the 115 year average. Precipitation for the month was 5.07 in., 54% above normal. Nine days of measureable precipitation were recorded (73 year average is 9.4 days). Snowfall for the month was 16.4 in., 11% above normal.

Paul C. Huth, Director of Research Emeritus/Associate Curator  
John E. Thompson, Director of Conservation Science

# MOHONK LAKE COOPERATIVE WEATHER STATION

## Summary for February 2011

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

	Months	115-year Average (1896-2009)	Actual this Year	Deviation from Average
<b>Temperature (°F)</b>				
<b>Month</b>		26.0	28.0	+2.0
<b>Season</b>	Nov-Feb	30.0	29.8	-0.2
<b>Precipitation (in.)</b>				
<b>Month</b>		3.30	5.07	+1.77
<b>Season</b>	Nov-Feb	14.47	15.36	0.89
<b>Snowfall (in.)</b>				
<b>Month</b>		14.8	16.4	+1.6
<b>Season</b>	Nov-Feb	44.8	60.1	+15.30

Highest temperature: 60°F on the 18<sup>th</sup>

Lowest temperature: 5°F on the 22<sup>nd</sup>

This month last year:

Temperature 22.1°F

Precipitation 6.38 in. (4<sup>th</sup> wettest)

Snow 52.8 in. (snowiest on record)