



Daniel Smiley Research Center  
**MOHONK PRESERVE**  
 Mohonk Lake, New Paltz, NY 12561  
**Natural Science Note No. 609-09**

**Weather: March, 2009**

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

	<b>113-year average 1896-2008</b>	<b>Actual This Year</b>	<b>Deviation from Average</b>
<b>Temperature (°F)</b>	34.9	38.2	+3.3
<b>Precipitation (in.)</b>	4.02	3.42	-0.60
<b>Snow (in.)</b>	11.3	2.3	-9.0

Highest temperature: 62°F on the 27<sup>th</sup>

Lowest temperature: 3°F on the 3<sup>rd</sup>

Fog: 5 days (9<sup>th</sup>, 11<sup>th</sup>, 19<sup>th</sup>, 26<sup>th</sup>, 29<sup>th</sup>)

Ice Pellets:

Glaze:

Misting: 3 days (9<sup>th</sup>, 11<sup>th</sup>, 26<sup>th</sup>)

Haze: 16 days (1<sup>st</sup>, 2<sup>nd</sup>, 5<sup>th</sup>-7<sup>th</sup>, 10<sup>th</sup>, 14<sup>th</sup>-19<sup>th</sup>, 21<sup>st</sup>, 22<sup>nd</sup>, 26<sup>th</sup>, 27<sup>th</sup>)

Rime:

Sun Dog: 1 day (13<sup>th</sup>)

Iridescent Cloud:

Lake Ice: 6-13 in. thick on the 13<sup>th</sup>, decreased to 5% off on the 18<sup>th</sup>, 20% off on the 19<sup>th</sup>, 45% off on the 21<sup>st</sup>, 70% off on the 24<sup>th</sup>, 90% off on the 26<sup>th</sup>, and 100% **Ice Off on the 30<sup>th</sup>**.

Snow on Ground: 6 in. on the 1<sup>st</sup>, increased to 8 in. on the 2<sup>nd</sup>, decreased to 0 in. on the 12<sup>th</sup>.

Precipitation pH: 4.52 (n=6)

**Summary**

Temperature for the month was 3.3°F above the 113 year average. Precipitation for the month was 3.42 in., 15% below normal. Snowfall was 2.3 in., 80% below normal. Ice off on the 30<sup>th</sup> was 8 days earlier than the 73 year average date and 97 days of ice cover was 2 days longer than the 95 day average.

Paul C. Huth, Director of Research  
 John E. Thompson, Natural Resources Specialist

# MOHONK LAKE COOPERATIVE WEATHER STATION

## Summary for March 2009

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

	Months	113-year Average (1896-2008)	Actual this Year	Deviation from Average
<b>Temperature (°F)</b>				
<b>Month</b>		34.9	38.2	+3.3
<b>Season</b>	Nov-Mar	30.9	31.7	+0.8
<b>Precipitation (in.)</b>				
<b>Month</b>		4.02	3.42	-0.60
<b>Season</b>	Nov-Mar	18.37	19.41	+0.95
<b>Snowfall (in.)</b>				
<b>Month</b>		11.3	2.3	-9.0
<b>Season</b>	Nov-Mar	55.9	47.2	-8.7

Highest temperature: 62°F on the 27<sup>th</sup>

Lowest temperature: 3°F on the 3<sup>rd</sup>

This month last year:

Temperature 35.3°F

Precipitation 8.77 in. (4<sup>th</sup> wettest)

Snow 3.8 in.