



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

**Natural Science Note No. 614-09**

**Weather: July, 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>	70.8	68.9	-1.9
<b>Precipitation (in.)</b>	4.49	7.68	+3.19

Highest temperature: 85°F on the 28<sup>th</sup>

Lowest temperature: 52°F on the 8<sup>th</sup> and 15<sup>th</sup>

Fog: 12 days (1<sup>st</sup>, 2<sup>nd</sup>, 16<sup>th</sup>, 18<sup>th</sup>, 21<sup>st</sup>-23<sup>rd</sup>, 25<sup>th</sup>, 27<sup>th</sup>, 29<sup>th</sup>-31<sup>st</sup>)

Thunder: 11 days (1<sup>st</sup>-3<sup>rd</sup>, 7<sup>th</sup>, 11<sup>th</sup>, 16<sup>th</sup>, 17<sup>th</sup>, 21<sup>st</sup>, 24<sup>th</sup>, 27<sup>th</sup>, 29<sup>th</sup>)

Misting: 1 day (31<sup>st</sup>)

Haze: 13 days (10<sup>th</sup>, 16<sup>th</sup>, 20<sup>th</sup>-23<sup>rd</sup>, 25<sup>th</sup>-31<sup>st</sup>)

Hail: 1 day (7<sup>th</sup>)

Precipitation pH: 4.52 (n=16)

**Summary**

Temperature for the month was 1.9°F below the 113 year average. Precipitation for the month was 7.68 in., 71% above normal. The 2.72 in. of precipitation recorded on the 30<sup>th</sup>, was the second highest amount recorded on that date (highest precipitation for the day was 3.92 in. in 1960). Precipitation for the year to date is 37.98 in., 38% above normal.

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

# MOHONK LAKE COOPERATIVE WEATHER STATION

## Summary for July 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>	70.8	68.9	-1.9
<b>Year</b>	Jan-Jul	46.8	47.7	+0.9
<b>Precipitation (in.)</b>				
	<b>Month</b>	4.49	7.68	+3.19
<b>Year</b>	Jan-Jul	27.58	37.98	+10.40

Highest temperature: 85°F on the 28<sup>th</sup>

Lowest temperature: 52°F on the 8<sup>th</sup> and 15<sup>th</sup>

This month last year:

Temperature 74.0°F (8<sup>th</sup> warmest)

Precipitation 4.91 in.