



Daniel Smiley Research Center  
**MOHONK PRESERVE**  
 Mohonk Lake, New Paltz, NY 12561  
**Natural Science Note No. 659-12**

**Weather: July, 2012**

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

	<b>116-year average 1896-2011</b>	<b>Actual This Year</b>	<b>Deviation from Average</b>
<b>Temperature ( F)</b>	70.9	75.2	+4.3
<b>Precipitation (in.)</b>	4.47	5.04	+0.57

Highest temperature: 93 F on the 18<sup>th</sup>

Lowest temperature: 56 F on the 20<sup>th</sup>

Fog: 7 days (15<sup>th</sup>, 20<sup>th</sup>, 23<sup>rd</sup>, 26<sup>th</sup>, 28<sup>th</sup>-30<sup>th</sup>)

Thunder: 8 days (4<sup>th</sup>, 7<sup>th</sup>, 15<sup>th</sup>, 18<sup>th</sup>, 23<sup>rd</sup>, 24<sup>th</sup>, 26<sup>th</sup>, 28<sup>th</sup>)

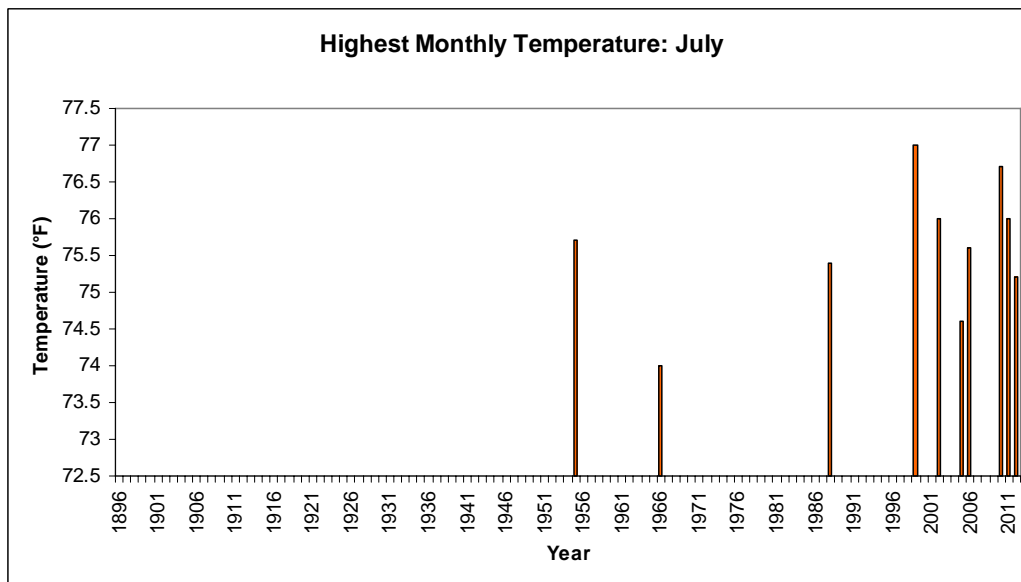
Haze: 14 days (4<sup>th</sup>, 5<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup>, 12<sup>th</sup>- 19<sup>th</sup>, 26<sup>th</sup>, 31<sup>st</sup>)

Rainbow: 1 day (10<sup>th</sup>)

Precipitation pH: 4.81 (n=11)

**Summary**

Temperature for the month was 4.3 degrees above normal, ranking this July as the 8<sup>th</sup> hottest July on record.



# MOHONK LAKE COOPERATIVE WEATHER STATION

<b>Year</b>	<b>Temperature ( F )</b>	<b>Rank</b>
1999	77.0	1
2010	76.7	2
2002	76.0	3
2011	76.0	4
1955	75.7	5
2006	75.6	6
1988	75.4	7
<b>2012</b>	<b>75.2</b>	<b>8</b>
2005	74.6	9
1966	74.0	10

No daily temperature or precipitation records were set this July.

Precipitation for the month was 0.57 inches above normal. Thirteen days of measureable precipitation were recorded (74-year average is 11 days).

Shanan F. Smiley, Conservation Biologist/Collections Manager  
John E. Thompson, Director of Conservation Science

# MOHONK LAKE COOPERATIVE WEATHER STATION

## Summary for July 2012

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

	Months	116-year Average (1896-2011)	Actual this Year	Deviation from Average
<b>Temperature ( F)</b>				
	<b>Month</b>	70.9	75.2	+4.3
<b>Season</b>	Jan-Jul	46.9	52.9	+6.0
<b>Precipitation (in.)</b>				
	<b>Month</b>	4.47	5.04	+0.57
<b>Season</b>	Jan-Jul	27.74	23.69	-4.05

Highest temperature: 93 F on the 18<sup>th</sup>

Lowest temperature: 56 F on the 20<sup>th</sup>

This month last year:

Temperature 76.0 F

Precipitation 2.45 in.