



Daniel Smiley Research Center
MOHONK PRESERVE
Mohonk Lake, New Paltz, NY 12561
Natural Science Note No. 674-13

Weather: July, 2013

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

	117-year average 1896-2012	Actual This Year	Deviation from Average
Temperature (°F)	70.9	73.7	+2.8
Precipitation (in.)	4.48	7.10	+2.62

Highest temperature: 93°F (18th and 19th)

Lowest temperature: 51°F (2nd)

Fog: 8 days (1st – 3rd, 9th, 13th, 23rd, 28th, 29th)

Thunder: 8 days (1st, 7th, 9th, 10th, 18th, 22nd, 24th, 28th)

Haze: 19 days (1st – 5th, 8th – 10th, 14th – 22nd, 24th, 26th, 27th)

Rainbow: 1 day (23rd)

Precipitation pH: 4.92 (n=8)

Summary

Temperature for the month was 2.8°F above the 117-year average. Precipitation for the month was 58% above normal. 11 days of measurable precipitation were recorded (average is 11).

Four daily high minimum temperature records were set for the month. 75°F on the 7th broke the previous record of 74°F set in 2010. 74°F on the 15th broke the previous record of 72°F set in 1995. 76°F on the 19th broke the previous record of 75°F set in 1977 and later tied in 1991. 75°F on the 20th broke the previous record of 73°F set in 1946 and later tied in 1980.

One daily precipitation record was broken in June. A precipitation of 2.79 inches on the 1st broke the previous record of 1.68 inches in 1939.

Ethan M. Pierce, Conservation Specialist

Shanan F. Smiley, Conservation Biologist/Collections Manager

John E. Thompson, Director of Conservation Science

MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for July 2013

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

	Months	117-year Average (1896-2012)	Actual this Year	Deviation from Average
Temperature (°F) Month Season		70.9	73.7	+2.8
	Jan-Jul	47.1	48.8	+1.7
Precipitation (in.) Month Season		4.48	7.10	+2.62
	Jan-Jul	27.69	33.56	+5.87

Highest temperature: 93°F (18th and 19th)

Lowest temperature: 51°F (2nd)

This month last year:

Temperature 75.2°F

Precipitation 5.04 in.