



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

Natural Science Note No. 661-12

Weather: September, 2012

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

	116-year average 1896-2010	Actual This Year	Deviation from Average
Temperature (°F)	62.2	62.8	+0.6
Precipitation (in.)	4.37	7.43	+3.06

Highest temperature: 80°F on the 3rd and 4th

Lowest temperature: 42°F on the 16th

Fog: 8 days (4th, 5th, 8th, 18th, 22nd, 26th- 28th)

Thunder: 5 days (5th, 8th, 18th, 22nd, 26th)

Damaging Winds: 1 day (18th)

Haze: 10 days (1st-4th, 7th, 14th, 17th, 21st, 26th, 27th)

Iridescent Cloud: 1 day (11th)

Precipitation pH: 5.05 (n=8)

Summary

Temperature for the month was 0.6°F above the 116 year average. Since June, there have been 10 days that reached 90°F or above. This year ranks as the 8th highest year for number of days at or above 90°F. Precipitation for the month was 7.43 in., 70% above normal. Fourteen days of measureable precipitation were recorded (75 year average is 9 days). A daily precipitation record was set on the 28th with 1.97 in. of rain (previous high was 1.84 in. in 1994).

John E. Thompson, Director of Conservation Science

MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for September 2012

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

	Months	116-year Average (1896-2011)	Actual this Year	Deviation from Average
Temperature (°F)				
Month		62.2	62.8	+0.6
Season	Jan-Sept	51.0	56.1	+5.1
Precipitation (in.)				
Month		4.37	7.43	+3.06
Season	Jan-Sept	36.58	35.49	-1.09

Highest temperature: 80°F on the 3rd and 4th

Lowest temperature: 42°F on the 16th

This month last year:

Temperature 64.6°F

Precipitation 12.08 in. (wettest on record)