



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

Natural Science Note No. 704-15

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

Weather Summary for September, 2015

	119-year average 1896-2013	Actual This Year	Deviation from Average
Temperature (°F)	62.2	68.2	+6.0
Precipitation (in.)	4.35	7.77	+3.42

Highest temperature: 90°F on the 8th

Lowest temperature: 39°F on the 21st

Fog: 6 days (10th-12th, 28th-30th)

Misting: 1 day (10th)

Haze: 21 days (1st-4th, 6th-11th, 15th, 17th-22nd, 25th, 26th, 28th, 29th)

Solar Halo 3 days (21st [partial], 25th, 28th [partial])

Precipitation pH: 5.55 (n=4)

Summary

Temperature for the month was 6.0°F above average, ranking this the **warmest September on record** (see table on page 2). Two daily temperature records were set, on the 7th at 89°F (previous high maximum for the date 87°F in 1983), and on the 8th at 90°F (previous high maximum for the date was 89°F in 2002). Precipitation was 7.77 inches, 44% above average. A daily precipitation record was set on the 30th with 4.00 in. of rain (previous high was 2.39 in. in 1924). 7 days of measurable precipitation were recorded (average is 9.3 days).

Christy Belardo, Citizen Science Education Coordinator
John E. Thompson, Director of Conservation Science

MOHONK LAKE COOPERATIVE WEATHER STATION

Year	Temperature (°F)	Rank
2015	68.2	1
1961	67.5	2
2002	66.6	3
2005	66.5	4
1983	66.2	5
1998	66.1	6
1999	66.1	7
2007	66.1	8
1930	65.7	9
1898	65.4	10