



Daniel Smiley Research Center
MOHONK PRESERVE
Mohonk Lake, New Paltz, NY 12561
Natural Science Note No. 672-13

Weather: May, 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)	58.1	60.9	+2.8
Precipitation (in.)	4.18	2.77	-1.41
Snow (in.)	0.1	0.0	-0.1

Highest temperature: 88°F (30th and 31st)

Lowest temperature: 35°F (14th)

Fog: 9 days (8th, 9th, 19th, 20th, 22nd – 24th, 28th, 29th)

Thunder: 5 days (8th, 11th, 22nd, 23rd, 29th)

Hail: 1 day (13th)

Haze: 11 days (2nd, 6th, 7th, 9th, 10th, 21st, 23rd, 27th – 31st)

Misting: 3 days (19th, 22nd, 28th)

Solar Halo: 1 day (14th)

Precipitation pH: 5.39 (n=10)

Summary

Temperature for the month was 2.8°F above the 117-year average. Precipitation for the month was 34% below normal. 15 days of measurable precipitation were recorded (average is 13). Snowfall for the winter season (November to May) was 52.4 in., 6.5 in. below normal. Last frost (30°F) occurred on April 23rd, 2 days earlier than average.

Three daily temperature records were tied or broken in May. A minimum temperature of 35°F on the 14th tied with the previous low minimum record set for that day in 1939. A maximum temperature of 48°F on the 25th broke the previous low maximum temperature of 49°F set for that day in 1924 and later tied in 2005. A maximum temperature of 88°F on the 31st broke the previous maximum temperature record of 87°F set for that day in 1986, and later tied in 1999 and 2011.

Ethan M. Pierce, Conservation Specialist
John E. Thompson, Director of Conservation Science

MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for May 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		58.1	60.9	+2.8
	Jan-May	38.3	40.0	+1.7
Precipitation (in.) Month Season		4.18	2.77	-1.41
	Jan-May	19.14	14.37	-4.77
Snowfall (in.) Month Season		0.1	0.0	-0.1
	Nov-May	58.9	52.4	-6.5

Highest temperature: 88°F (30th and 31st)

Lowest temperature: 35°F (14th)

This month last year:

Temperature 63.6°F

Precipitation 5.29 in.

Snow 0.0 in.