



Daniel Smiley Research Center
MOHONK PRESERVE
Mohonk Lake, New Paltz, NY 12561
Natural Science Note No. 657-12

Weather: May, 2012

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

	116-year average 1896-2011	Actual This Year	Deviation from Average
Temperature (°F)	58.0	63.6	+5.6
Precipitation (in.)	4.17	5.29	+1.12
Snow (in.)	0.2	0.0	-0.2

Highest temperature: 86°F on the 29th

Lowest temperature: 41°F on the 11th

Fog: 17 days (1st - 4th, 8th - 10th, 14th - 16th, 21st - 25th, 29th - 30th)

Misting: 1 day (2nd)

Thunder: 6 days (3rd, 7th, 23rd, 26th, 28th - 29th)

Haze: 14 days (1st - 3rd, 7th, 9th, 13th - 14th, 19th - 20th, 26th - 29th, 31st)

Precipitation pH: 5.19 (n=18)

Summary

May 2012 tied with 1944 as the second warmest May on record at Mohonk Lake, with a monthly average temperature of 63.6°F. The warmest monthly average temperature on record for May is 64.5°F in 1991.

One daily temperature record was set this May. A minimum temperature of 71°F on the 29th broke the previous high minimum record of 70°F set in 1969.

Precipitation for the month was 1.12 in. above normal. 18 days of measureable precipitation were recorded (74-year average is 11 days). Snowfall for the winter season (October to May) was 40.1 in., 19.7 in. below normal. Note: October was included in the winter season snow summary because it accounted for 17.3 in. of the season's total snowfall. Last frost (31°F) occurred on the 28th of April, 3 days after the 115-year average.

Ethan M. Pierce, Conservation Specialist

John E. Thompson, Director of Conservation Science

MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for May 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)		58.0	63.6	+5.6
	Month			
Season	Jan-May	38.3	45.4	+7.1
Precipitation (in.)		4.17	5.29	+1.12
	Month			
Season	Jan-May	19.26	15.11	-4.15
Snowfall (in.)		0.2	0.0	-0.2
	Month			
Season	Oct-May	59.8	40.1	-19.7

Highest temperature: 86°F on the 29th

Lowest temperature: 41°F on the 11th

This month last year:

Temperature 61.3°F

Precipitation 5.98 in.

Snow 0