



Daniel Smiley Research Center
MOHONK PRESERVE
 Mohonk Lake, New Paltz, NY 12561
Natural Science Note No. 642-11

Weather: April, 2011

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

	115-year average 1896-2010	Actual This Year	Deviation from Average
Temperature (°F)	46.8	49.2	+2.4
Precipitation (in.)	4.11	6.94	+2.83
Snow (in.)	2.9	2.4	-0.5

Highest temperature: 81°F on the 26th

Lowest temperature: 29°F on the 1st

Fog: 13 days (1st, 4th, 5th, 7th, 11th, 13th, 19th, 20th, 23rd, 25th-28th)

Hail: 2 days (5th, 21st)

Rime: 1 day (1st)

Misting: 3 days (13th, 20th, 25th)

Haze: 9 days (4th-11th, 18th, 22nd, 26th)

Lake Ice:

April 1 15% off	April 2 35% off	April 3 50% off	April 4 50% off	April 5 70% off
April 6 85% off	April 7 90% off	April 8 >95% off	April 9 98% off	April 10 100% off

Precipitation pH: 4.94 (n=16)

Summary

Temperature for the month was 2.4°F above the 115 year average. Precipitation for the month was 6.94 in., 69% above normal. Eighteen days of measureable precipitation were recorded (73 year average is 12 days). A daily maximum temperature was reached at 78°F on the 11th (this high was previously set in 1922). Snowfall for the month was 2.4 in., 17% below normal. Ice Off on the 10th was 3 days later than the 73 year average and 112 days of ice cover was 9 days longer than average.

Shanan F. Smiley, Research/Curatorial Assistant
 John E. Thompson, Director of Conservation Science

MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for April 2011

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

	Months	115-year Average (1896-2010)	Actual this Year	Deviation from Average
Temperature (°F)		46.8	49.2	+2.4
	Month			
Season	Nov-Apr	33.6	34.1	+0.5
Precipitation (in.)		4.11	6.94	+2.83
	Month			
Season	Nov-Apr	22.63	29.36	+6.73
Snowfall (in.)		2.9	2.4	-0.5
	Month			
Season	Nov-Apr	58.9	70.9	+12.0

Highest temperature: 81°F on the 26th

Lowest temperature: 29°F on the 1st

This month last year:

Temperature 55.4°F (the warmest)

Precipitation 2.01 in.

Snow T