



Daniel Smiley Research Center
MOHONK PRESERVE
Mohonk Lake, New Paltz, NY 12561
Natural Science Note No. 643-11

Weather: May, 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)	58.0	61.4	+3.4
Precipitation (in.)	4.16	5.97	+1.81
Snow (in.)	0.1	0.0	-0.1

Highest temperature: 87°F on the 31st

Lowest temperature: 40°F on the 5th

Fog: 11 days (4th, 15th-20th, 23rd, 28th-30th)

Misting: 1 day (29th)

Thunder: 9 days (3rd, 7th, 15th, 16th, 19th, 20th, 23rd, 26th, 30th)

Haze: 15 days (2nd, 3rd, 6th, 8th, 10th, 13th, 14th, 24th-31st)

Partial Solar Halo: 1 day (10th)

Precipitation pH: 5.05 (n=8)

Summary

Temperature for the month was 3.4°F above normal. Precipitation for the month was 43% above normal. Fourteen days of measureable precipitation were recorded (73 year average is 13 days). Snowfall for the winter season (November to May) was 70.9 in., 20% above normal. Last frost (32°F) occurred on the 23rd of April, 1 day before 115 year average.

Shanan F. Smiley, Conservation Biologist/Collections Manager
John E. Thompson, Director of Conservation Science

MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for May 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) Month Season		46.8	61.4	+3.4
	Jan-May	38.1	39.7	+1.6
Precipitation (in.) Month Season		4.11	5.33	+1.22
	Jan-May	19.1	27.98	+8.88
Snowfall (in.) Month Season		2.9	0.0	-0.1
	Nov-May	59.0	70.9	+11.9

Highest temperature: 87°F on the 31st

Lowest temperature: 40°F on the 5th

This month last year:

Temperature 63.4°F (4th warmest)

Precipitation 2.43 in.

Snow 0