



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

Natural Science Note No. 662-12

Weather: October, 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)	51.8	53.5	+1.7
Precipitation (in.)	3.95	5.51	+1.56
Snow (in.)	0.3	T	-0.3

Highest temperature: 72 F on the 5th and 6th

Lowest temperature: 33 F on the 13th

Fog: 12 days (2nd-4th, 10th, 15th, 19th, 23rd-26th, 29th-30th)

Thunder: 1 day (4th)

Hail: 1 day (12th)

Damaging Winds: 1 day (29th)

Misting: 7 days (2nd, 3rd, 10th, 19th, 24th, 25th, 26th)

Haze: 12 days (1st, 5th-9th, 10th, 14th, 18th, 22nd, 27th, 28th)

Solar Halo: 1 day (27th) partial

Sun Dog: 1 day (27th)

Lunar Halo: 1 day (27th)

Precipitation pH: 5.01 (n=9)

Summary

Temperature for the month was 1.7 F above the 116 year average. Precipitation for the month was 39% above normal. Seventeen days of measurable precipitation were recorded (75 year average is 9 days). Precipitation pH readings varied from 3.58 to 6.72.

MOHONK LAKE COOPERATIVE WEATHER STATION

Shanan F. Smiley, Conservation Biologist/Collections Manager
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Summary for October 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)				
Month		51.8	53.5	+1.7
Season	Jan-Oct	51.1	55.9	+4.8
Precipitation (in.)				
Month		3.95	5.51	+1.56
Season	Jan-Oct	40.53	41.00	+0.47
Snow				
Month		0.3	T	-0.3
Season	Oct	0.3	T	-0.3

Highest temperature: 72 F on the 5th and 6th

Lowest temperature: 33 F on the 13th

This month last year:

Temperature 52.3 F

Precipitation 6.38 in.

Snow 17.3 in. (snowiest on record)