



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

Natural Science Note No. 635-10

Weather: December 2010

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

	114-year average 1896-2009	Actual This Year	Deviation from Average
Temperature (°F)	28.8	26.4	-2.4
Precipitation (in.)	3.90	4.09	+0.19
Snow (in.)	11.6	14.5	+2.9

Highest temperature: 57°F on the 1st

Lowest temperature: 10°F on the 10th

Fog: 4 days (1st, 12th, 13th, 20th)

Ice Pellets:

Glaze: 1 day (12th)

Thunder:

Damaging Wind:

Rime: 1 day (20th)

Haze: 13 days (3rd, 9th, 11th, 13th, 16th, 17th, 19th, 20th, 23rd, 25th, 28th, 30th, 31st)

Lunar Halo: 1 day (20th)

Double Rainbow 1 day (1st)

Lake Ice: <1% on the 9th, increased to 100% on the 10th, decreased to 10% off on the 14th and 30% off on the 18th, increased to Ice Over on the 19th (13 days earlier than the 70 year average).

Snow on Ground: 13 in. on the 27th, decreased to 7 in. on the 31st.

Precipitation pH: 4.87 (n=4)

Summary

Temperature for the month was 2.4°F below the 114 year average. Precipitation for the month was 4.09 in., 5% above normal, with 8 days of measurable precipitation (the 74 year average is 10.3 days). Snowfall was 14.5 in., 25% above normal.

Paul C. Huth, Director of Research
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MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for December 2010

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

	Months	114-year Average (1896-2009)	Actual this Year	Deviation from Average
Temperature (°F)		28.8	26.4	-2.4
	Month			
Season	Jan-Dec	48.4	51.2	+2.8
Precipitation (in.)		3.90	4.09	+0.19
	Month			
Season	Jan-Dec	47.95	48.66	+0.71
Snow		11.6	14.5	+2.9
	Month			
Season	Nov-Dec	15.0	14.6	-0.4

Highest temperature: 57°F on the 1st

Lowest temperature: 10°F on the 10th

This month last year:

Temperature 28.6°F (8th warmest)

Precipitation 6.30 in.

Snow 17.3 in.