



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

Natural Science Note No. 733 – 2017

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

Weather Summary for December, 2017

	121-year average 1896-2016	Actual This Year	Deviation from Average
Temperature (°F)	29.0	27.7	-1.3
Precipitation (in.)	3.95	2.37	-1.58
Snow (in.)	11.65	8.70	-2.95

Highest temperature: 52°F on the 6th
Lowest temperature: -4°F on the 29th

Fog: 4 days (5th, 12th, 18th, 23rd)
Glaze: 1 day (22nd)
Haze: 1 day (18th)

Lake Ice: 70% on the 15th, 50% on the 16th, 98% on the 18th, 20% on the 20th, 25% on the 21st, 30% on the 24th-26th, 100% on the 27th-31st.

Snow on Ground: 4 inches from the 9th-10th, 2 inches from the 11th-12th, 1 inch on the 13th, 2 inches from the 14th-18th, 3 inches from the 25th-26th, 3 inches from the 29th-31st.

Precipitation pH: 5.01 (n= 10)

Summary

Temperature for December was 1.3°F below the 121-year average. Precipitation was 2.37 in., 1.58 inches below normal. There were 11 recorded days of measurable precipitation (Average is 10.6). Monthly snowfall was 8.70 in., 2.95 in. below normal. Lake ice began on the 27th, 4 days later than the 121 - year average.

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