



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

Natural Science Note No. 683-15

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

Weather Summary for March, 2014

	118-year average 1896-2013	Actual This Year	Deviation from Average
Temperature (°F)	35.0	30.6	-4.4
Precipitation (in.)	4.05	3.49	-0.56
Snow (in.)	11.1	0.1	-11.0

Highest temperature: 58 °F on the 11th

Lowest temperature: 1 °F on the 4th

Fog: 6 days (12th, 19th, 20th, 28th, 29th, 30th)

Misting: 2 days (28th, 29th)

Glaze: 2 days (13th, 29th)

Haze: 23 days (1st – 8th, 10th, 11th, 13th – 15th, 17th, 18th, 20th, 22nd – 27th, 31st)

Solar Halo: 3 days (Full 4th, 23rd, Partial 14th)

Iridescent Cloud: 1 day (1st)

Precipitation pH: 5.28 (n=3)

Lake Ice: 100% 1st – 31st. 17 inches thick on the 28th.

Snow On Ground: 18 inches from the 1st – 5th, 17 inches from the 6th – 8th, 16 inches on the 9th, 15 inches on the 10th, 13 inches on the 11th, 12 inches on the 12th and 13th, 11 inches on the 14th and 15th, 10 inches from the 16th – 19th, 8 inches on the 20th and 21st, 7 inches on the 22nd, 6 inches from the 23rd – 28th, 3 inches in the 29th, 1 inch on the 30th, and a trace on the 31st.

Summary

Temperature for the month was 4.4 °F below average. Precipitation was 0.56 inches below average. Snowfall was 11 inches below average, ranking 2014 10th on the list of least snowy Marches in the 118-year record (see table on page 2). 8 days of measurable precipitation were recorded (average is 11 days). Mohonk Lake remained frozen throughout the month.

Hallie E. Schwab, Citizen Science Coordinator

John E. Thompson, Director of Conservation Science

MOHONK LAKE COOPERATIVE WEATHER STATION

Least Monthly Snowfall: March

Year	Snowfall (Inches)	Rank
1910	0	1
1921	0	2
1931	0	3
1903	T	4
1930	T	5
1946	T	6
1953	T	7
1954	T	8
1987	0.1	9
2014	0.1	10