



Daniel Smiley Research Center
MOHONK PRESERVE
 Mohonk Lake, New Paltz, NY 12561
Natural Science Note No. 641-11

Weather: March, 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)	34.9	36.5	+1.6
Precipitation (in.)	4.05	7.06	+3.01
Snow (in.)	11.2	8.4	-2.8

Highest temperature: 67°F on the 18th

Lowest temperature: 8°F on the 3rd

Fog: 7 days (5th, 6th, 10th, 11th, 16th, 21st, 23rd)

Ice Pellets: 3 days (10th, 16th, 21st)

Glaze: 3 days (7th, 10th, 16th)

Misting: 2 days (5th, 21st)

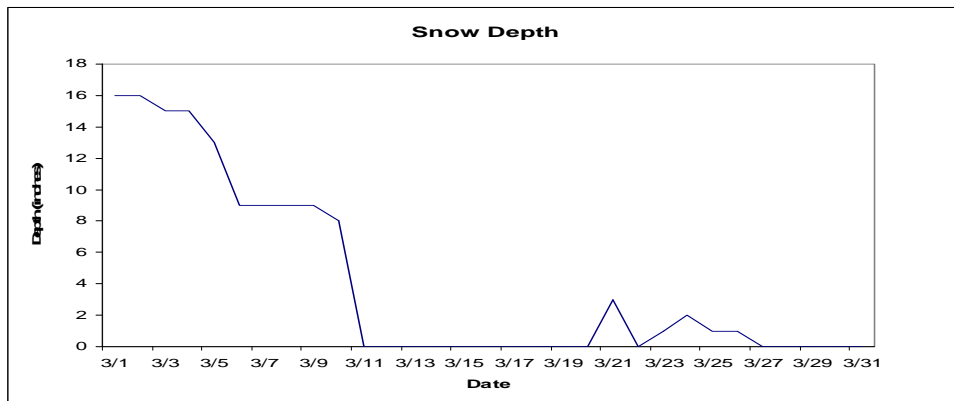
Haze: 15 days (2nd, 4th, 5th, 8th, 9th, 12th, 13th, 15th, 17th, 18th, 24th-26th, 29th, 31st)

Solar Halo: 3 days (1st[partial], 25th, 30th)

Sun Dog: 2 days (4th, 8th)

Lake Ice: 17-19 ³/₄ in. thick on the 3rd, 100% cover through the 16th, 1% off on the 19th to 10% off on the 31st.

Snow on Ground:



Precipitation pH: 4.95 (n=6)

MOHONK LAKE COOPERATIVE WEATHER STATION

Summary

Temperature for the month was 1.6°F above the 115 year average. Precipitation for the month was 7.06 in., 74% above normal. Ten days of measureable precipitation were recorded (73 year average is 11 days). A daily precipitation record was set on the 7th at 1.91 in. of rain (previous high for that date was 1.45 in. set in 1910). Snowfall for the month was 8.4 in., 25% below normal.

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MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for March 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		34.9	36.5	+1.6
	Nov-Mar	31.0	32.4	+1.4
Precipitation (in.) Month Season		4.05	7.06	+3.01
	Nov-Mar	18.53	22.42	+3.89
Snowfall (in.) Month Season		11.2	8.4	-2.8
	Nov-Mar	56.0	68.5	+12.5

Highest temperature: 67°F on the 18th

Lowest temperature: 8°F on the 3rd

This month last year:

Temperature 42.7°F (4th warmest)

Precipitation 8.25 in. (7th wettest)

Snow 2.3 in.