



Daniel Smiley Research Center
MOHONK PRESERVE
Mohonk Lake, New Paltz, NY 12561
Natural Science Note No. 608-09

Weather: February, 2009

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

	113-year average 1896-2008	Actual This Year	Deviation from Average
Temperature (°F)	25.9	30.0	+4.1
Precipitation (in.)	3.29	1.33	-1.96
Snow (in.)	14.6	7.6	-7.0

Highest temperature: 56°F on the 11th

Lowest temperature: 4°F on the 5th

Fog: 5 days (3rd, 18th, 19th, 22nd, 27th)

Ice Pellets: 1 day (26th)

Glaze: 1 day (26th)

Misting:

Haze: 10 days (1st, 2nd, 6th, 10th, 11th, 18th, 19th, 23rd, 25th, 27th)

Rime: 1 day (3rd)

Sun Dog: 2 days (5th, 11th)

Iridescent Cloud: 2 days (9th, 13th)

Lake Ice: 15 in. thick on the 9th, 13 ½ in. thick on the 26th.

Snow on Ground: 17 in. on the 1st, decreased to 16 in. on the 2nd, increased to 19 in. on the 3rd, decreased to 11 in. on the 11th and 7 in. on the 12th, increased to 9 in. on the 22nd and decreased to 6 in. on the 28th.

Precipitation pH: 4.67 (n=6)

Summary

Temperature for the month was 4.1°F above the 113 year average. The record for highest daily maximum temperature reading on 11 February was set this year at 56°F, the previous daily high was 55°F in 1960. Precipitation for the month was 1.33 in., 60% below normal, ranking this 9th driest February on record (see table on page 2). Snowfall was 7.6 in., 48% below normal.

Paul C. Huth, Director of Research
John E. Thompson, Natural Resources Specialist

Lowest Monthly Rainfall: February

Year	Precipitation (in.)	Rank
1987	0.24	1
1968	0.51	2
1978	0.92	3
1901	0.95	4
1905	1.05	5
1930	1.15	6
1980	1.18	7
2002	1.21	8
2009	1.33	9
1904	1.39	10

MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for February 2009

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

	Months	113-year Average (1896-2008)	Actual this Year	Deviation from Average
Temperature (°F)				
Month		25.9	30.0	+4.1
Season	Nov-Feb	30.0	30.1	+0.1
Precipitation (in.)				
Month		3.29	1.33	-1.96
Season	Nov-Feb	14.44	15.99	+1.55
Snowfall (in.)				
Month		14.6	7.6	-7.0
Season	Nov-Feb	44.0	44.9	+0.9

Highest temperature: 56°F on the 11th

Lowest temperature: 4°F on the 5th

This month last year:

Temperature 27.9°F

Precipitation 10.09 in. (wettest)

Snow 22.3 in.