



Daniel Smiley Research Center
 MOHONK PRESERVE
 Mohonk Lake, New Paltz, NY 12561
 Natural Science Note No. 592-08

Weather: February, 2008

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

	112-year average 1896-2007	Actual This Year	Deviation from Average
Temperature (°F)	25.9	27.9	+2.0
Precipitation (in.)	3.23	10.09	+6.86
Snow (in.)	14.6	22.3	+7.7

Highest temperature: 54°F on the 18th

Lowest temperature: 2°F on the 11th

Fog: 14 days (1st, 4th-7th, 9th, 10th, 12th, 13th, 17th, 18th, 22nd, 23rd, 26th)

Ice Pellets: 1 day (17th)

Glaze: 7 days (1st, 4th-7th, 13th, 26th)

Thunder: 3 days (5th, 6th, 26th)

Misting: 2 days (4th, 6th)

Haze: 11 days (3rd, 4th, 10th, 12th, 15th, 18th, 23rd-27th)

Rime: 1 day (23rd)

Iridescent Cloud: 3 days (3rd, 20th, 21st)

Lake Ice: 11-11 ½ in. thick on the 28th.

Snow on Ground: 4 in. on the 1st, decreased to 3 in. on the 6th, increased to 6 in. on the 9th, decreased to 5 in. on the 10th, increased to 8 in. on the 13th, decreased to 5 in. on the 19th, increased to 14 in. on the 23rd, decreased to 12 in. on the 25th, increased to 15 in. on the 26th, decreased to 13 in. on the 28th.

Precipitation pH: 4.43 (n=9)

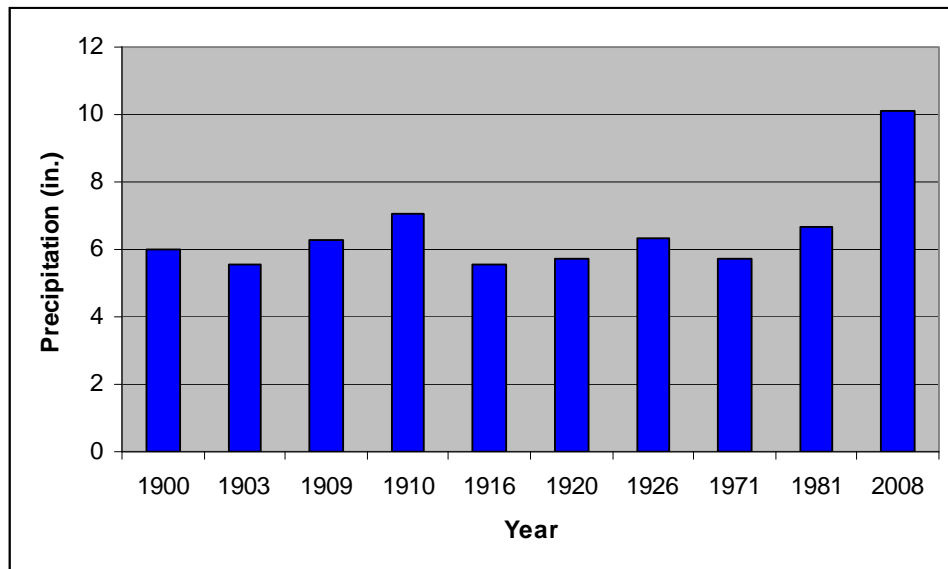
Summary

Temperature for the month was 2.0°F above the 112 year average. Precipitation for the month was 10.09 in., 212% above normal, ranking this the wettest February on record—43% higher than the previous high precipitation of 1910 (see table and graph on page 2). New Paltz Flats were flooded on the 14th and 15th. Snowfall was 22.3 in., 53% above normal.

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

Highest Monthly Rainfall: February

Year	Precipitation (in.)	Rank
2008	10.09	1
1910	7.06	2
1981	6.69	3
1926	6.33	4
1909	6.28	5
1900	6.00	6
1971	5.74	7
1920	5.70	8
1903	5.56	9
1916	5.54	10



MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for February 2008

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

	Months	112-year Average (1896-2007)	Actual this Year	Deviation from Average
Temperature (°F)		25.9	27.9	+2.0
	Month			
Season	Nov-Feb	29.9	31.4	+1.5
Precipitation (in.)		3.23	10.09	+6.86
	Month			
Season	Nov-Feb	14.39	22.82	+8.43
Snowfall (in.)		14.6	22.3	+7.7
	Month			
Season	Nov-Feb	44.2	58.8	+14.6

Highest temperature: 54°F on the 18th

Lowest temperature: 2°F on the 11th

This month last year:

Temperature 21.5°F

Precipitation 2.80 in.

Snow 17.4 in.