



Daniel Smiley Research Center
 MOHONK PRESERVE
 Mohonk Lake, New Paltz, NY 12561
 Natural Science Note No. 593-08

Weather: March, 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)	34.8	35.3	+0.5
Precipitation (in.)	3.98	8.77	+4.79
Snow (in.)	11.4	3.8	-7.6

Highest temperature: 55°F on the 26th

Lowest temperature: 18°F on the 10th

Fog: 9 days (4th, 5th, 7th, 8th, 15th, 16th, 19th, 28th, 31st)

Ice Pellets:

Glaze: 1 day (4th)

Thunder: 2 days (7th, 8th)

Hail: 3 days (5th, 13th, 16th)

Misting: 1 day (28th)

Haze: 12 days (3rd, 4th, 7th, 10th-14th, 23rd, 24th, 26th, 27th)

Rime:

Iridescent Cloud: 1 day (24th)

Lake Ice: 11-12 in. thick on the 13th, decreased to 1% off on the 26th and 10% off on the 30th.

Snow on Ground: 17 in. on the 1st decreased to 8 in. on the 9th, 4 in. on the 16th and 0 in. on the 23rd.

Precipitation pH: 4.53 (n=8)

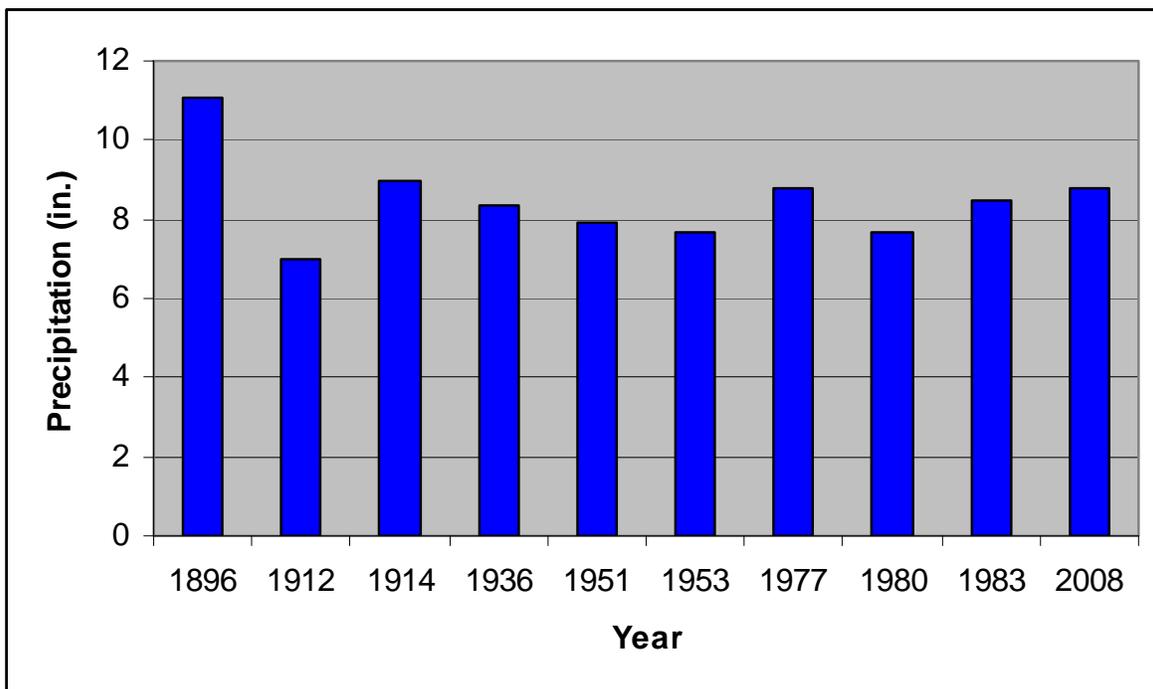
Summary

Temperature for the month was 0.5°F above the 112 year average. Precipitation for the month was 8.77 in., 120% above normal, ranking this the **4th wettest March** on record (see table and graph on page 2). Daily highest rainfall records were set on two days: on the 5th with 2.77 in. (previous high precipitation for the 5th was 1.38 in. in 1928) and the 8th with 2.99 in. (previous high for the 8th was 0.91 in. in 1941). Due to the heavy rains and snowmelt, New Paltz Flats were flooded on the 5th-6th and 8th-10th. Snowfall was 3.8 in., 67% below normal.

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

Highest Monthly Rainfall: March

Year	Precipitation (in.)	Rank
1896	11.07	1
1914	8.95	2
1977	8.77	3
2008	8.77	4
1983	8.48	5
1936	8.34	6
1951	7.90	7
1953	7.67	8
1980	7.66	9
1912	6.96	10



MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for March 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)				
	Month	34.8	35.3	+0.5
Season	Nov-Mar	30.9	32.1	+1.2
Precipitation (in.)				
	Month	3.98	8.77	+4.79
Season	Nov-Mar	18.37	31.59	+13.22
Snowfall (in.)				
	Month	11.4	3.8	-7.6
Season	Nov-Mar	55.6	62.6	+7.0

Highest temperature: 55°F on the 26th

Lowest temperature: 18°F on the 10th

This month last year:

Temperature 35.6°F

Precipitation 5.66 in.

Snow 18.3 in.