



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

Natural Science Note No. 615-09

Weather: August, 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)	68.9	71.6	+2.7
Precipitation (in.)	4.33	8.02	+3.69

Highest temperature: 88°F on the 10th, 11th, 17th, 18th

Lowest temperature: 55°F on the 8th, 31st

Fog: 10 days (2nd, 9th, 12th, 13th, 21st-24th, 29th, 30th)

Thunder: 8 days (2nd, 9th, 10th, 12th, 18th, 21st-23rd)

Misting: 2 days (28th, 29th)

Haze: 20 days (1st, 2nd, 4th, 5th, 10th-12th, 14th-23rd, 25th, 26th, 28th)

Hail:

Precipitation pH: 4.63 (n=9)

Summary

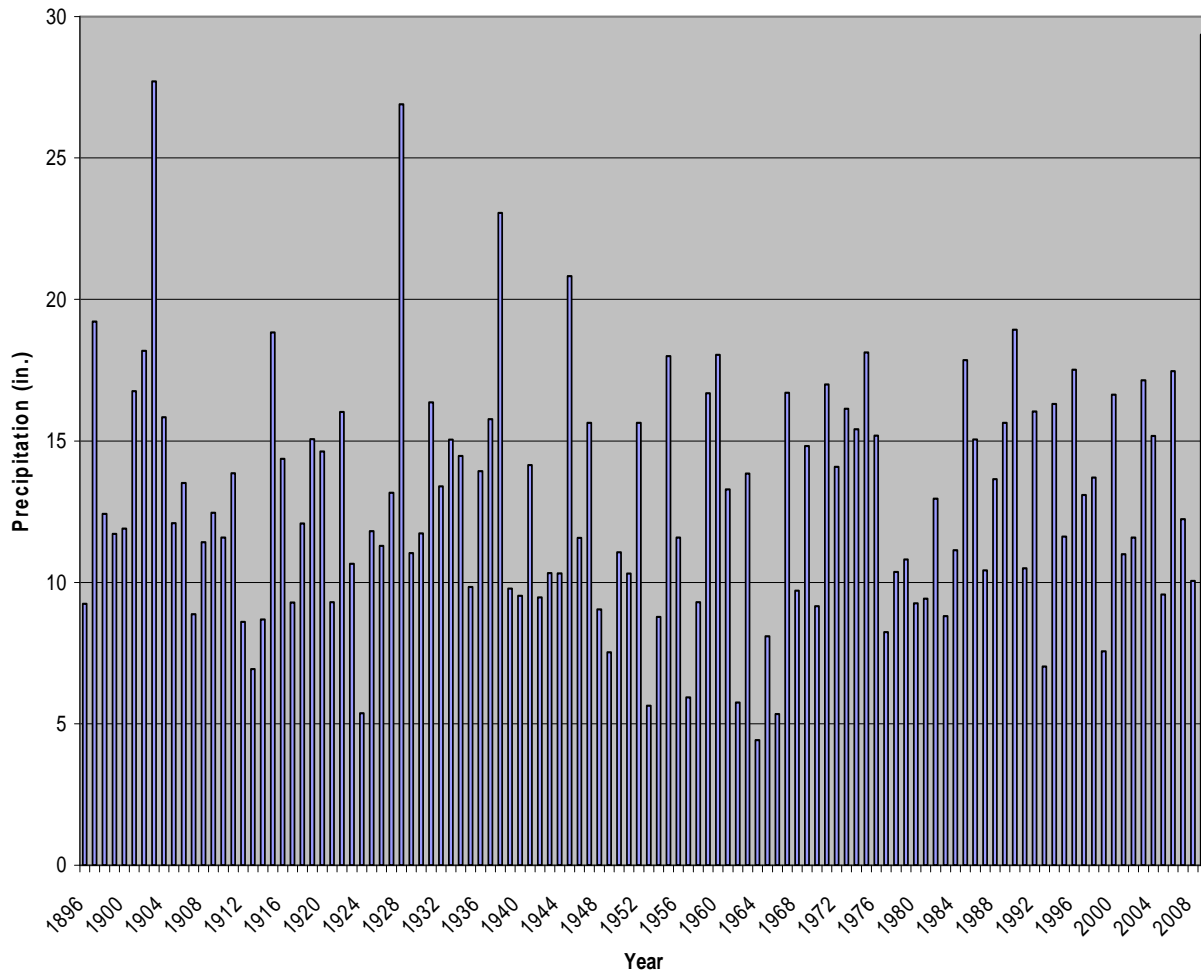
Temperature for the month was 2.7°F above the 113 year average. Precipitation for the month was 8.02 in., 85% above normal. The 2.41 in. of precipitation recorded on the 23rd was the highest amount recorded on that date (previous high precipitation for the day was 2.35 in. in 1930). Precipitation for the year to date is 46.00 in., 44% above normal (these amount is equal to 96% of the volume expected for the entire year). June-August precipitation was 29.36 in., 129% above average, ranking this the **wettest summer** on record (see table and graph on Page 2).

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

Highest Summer Precipitation

Year	Precipitation (in.)	Rank
2009	29.36	1
1903	27.71	2
1928	26.9	3
1938	23.06	4
1945	20.82	5
1897	19.22	6
1990	18.93	7
1915	18.83	8
1902	18.18	9
1975	18.13	10

Summer Precipitation 1896-2009



MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for August 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		68.9	71.6	+2.7
Year	Jan-Aug	49.5	50.9	+1.4
Precipitation (in.)				
Month		4.33	8.02	+3.69
Year	Jan-Aug	31.91	46.00	+14.09

Highest temperature: 88°F on the 10th, 11th, 17th, 18th

Lowest temperature: 55°F on the 8th, 31st

This month last year:

Temperature 68.7°F

Precipitation 2.41 in.