



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

Natural Science Note No. 626-10

Weather: April, 2010

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

	114-year average 1896-2009	Actual This Year	Deviation from Average
Temperature (°F)	46.8	55.4	+8.6
Precipitation (in.)	4.13	2.01	-2.12
Snow (in.)	3.0	T	-3.0

Highest temperature: 86°F on the 7th

Lowest temperature: 33°F on the 28th

Fog: 4 days (9th, 25th, 26th, 27th)

Ice Pellets:

Glaze:

Hail: 1 day (28th)

Damaging Winds: 1 day (28th)

Misting:

Haze: 9 days (1st, 2nd, 5th-8th, 21st, 22nd, 24th)

Rime:

Solar Halo: 1 day (15th)

Lake Ice:

Snow on Ground: 0 in.

Precipitation pH: 5.22 (n=7)

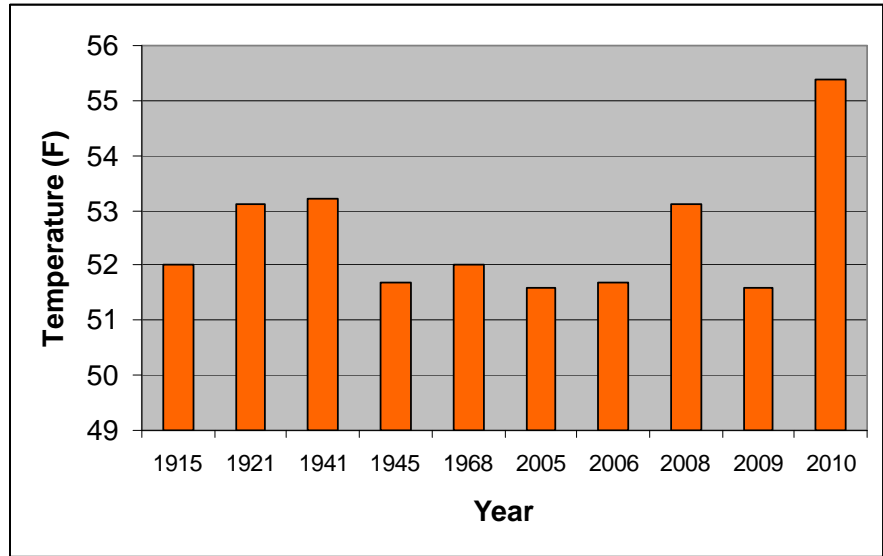
Summary

Temperature for the month was 8.6°F above the 114 year average, ranking this the **warmest April** on record (see table and graph on Page 2). Five of top ten warmest months of April occurred in the last 6 years. The record for highest daily maximum temperature reading was set on two days this month: on the 7th at 86°F (previous high for the date was 85°F in 1991) and on the 8th at 85°F (previous high was 84°F in 1929). Precipitation for the month was 2.01 in., 51% below normal. Snowfall was Trace. No frost was recorded this month.

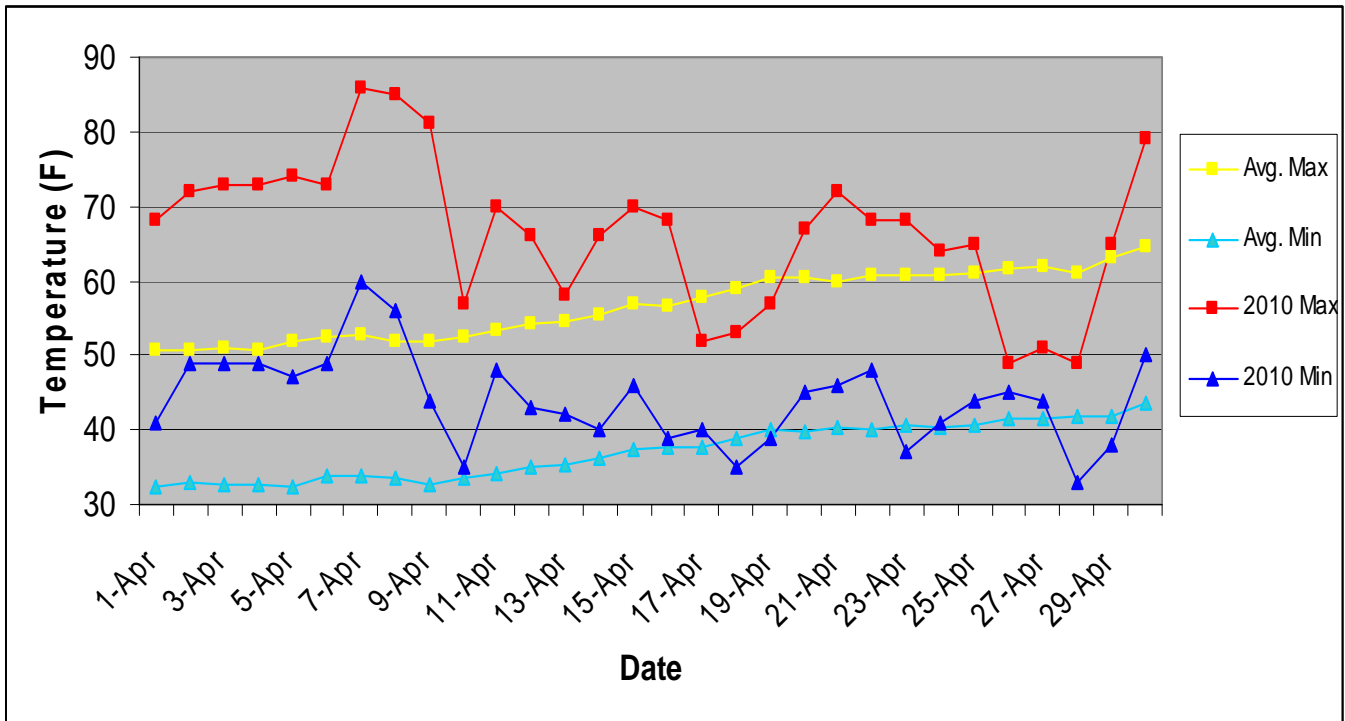
Paul C. Huth, Director of Research
John E. Thompson, Natural Resources Specialist

Highest Monthly Temperature: April

Year	Temperature (°F)	Rank
2010	55.4	1
1941	53.2	2
1921	53.1	3
2008	53.1	4
1915	52.0	5
1968	52.0	6
1945	51.7	7
2006	51.7	8
2005	51.6	9
2009	51.5	10



April Maximum and Minimum Temperatures vs. 115 Year Average



MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for April 2010

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

	Months	114-year Average (1896-2009)	Actual this Year	Deviation from Average
Temperature (°F)				
Month		46.8	55.4	+8.6
Season	Nov-Apr	33.6	36.7	+3.1
Precipitation (in.)				
Month		4.13	2.01	-2.12
Season	Nov-Apr	22.61	27.15	+4.54
Snowfall (in.)				
Month		3.0	T	-3.0
Season	Nov-Apr	58.9	80.2	+21.3

Highest temperature: 86°F on the 7th

Lowest temperature: 33°F on the 28th

This month last year:

Temperature 51.6°F (10th warmest)

Precipitation 3.00 in.

Snow T