



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

Natural Science Note No. 627-10

Weather: May, 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)	58.0	63.4	+5.4
Precipitation (in.)	4.17	2.43	-1.74
Snow (in.)	0.1	0	-0.1

Highest temperature: 94°F on the 26th

Lowest temperature: 32°F on the 10th

Fog: 5 days (3rd, 12th, 13th, 18th, 19th)

Thunder: 4 days (4th, 8th, 27th, 31st)

Misting:

Haze: 15 days (1st, 2nd, 6th, 18th, 20th-27th, 29th-31st)

Hail:

Solar Halo: 1 day (17th [partial])

Snow on Ground: 0 in.

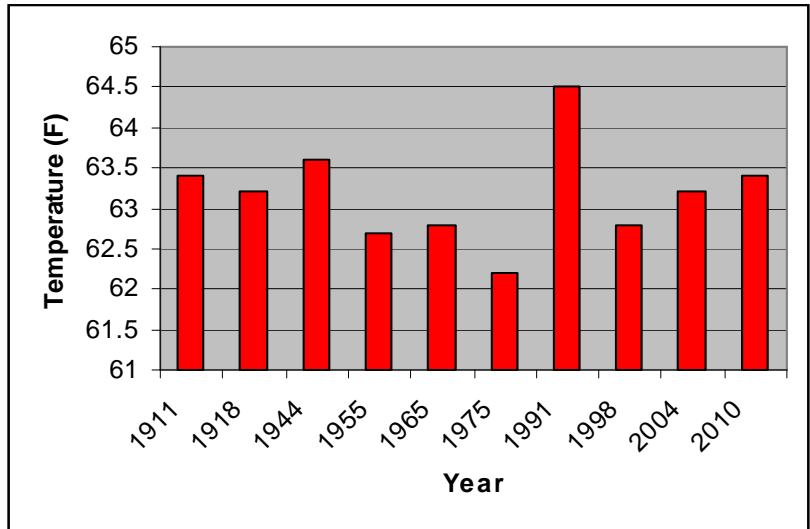
Precipitation pH: 4.70 (n=8)

Summary

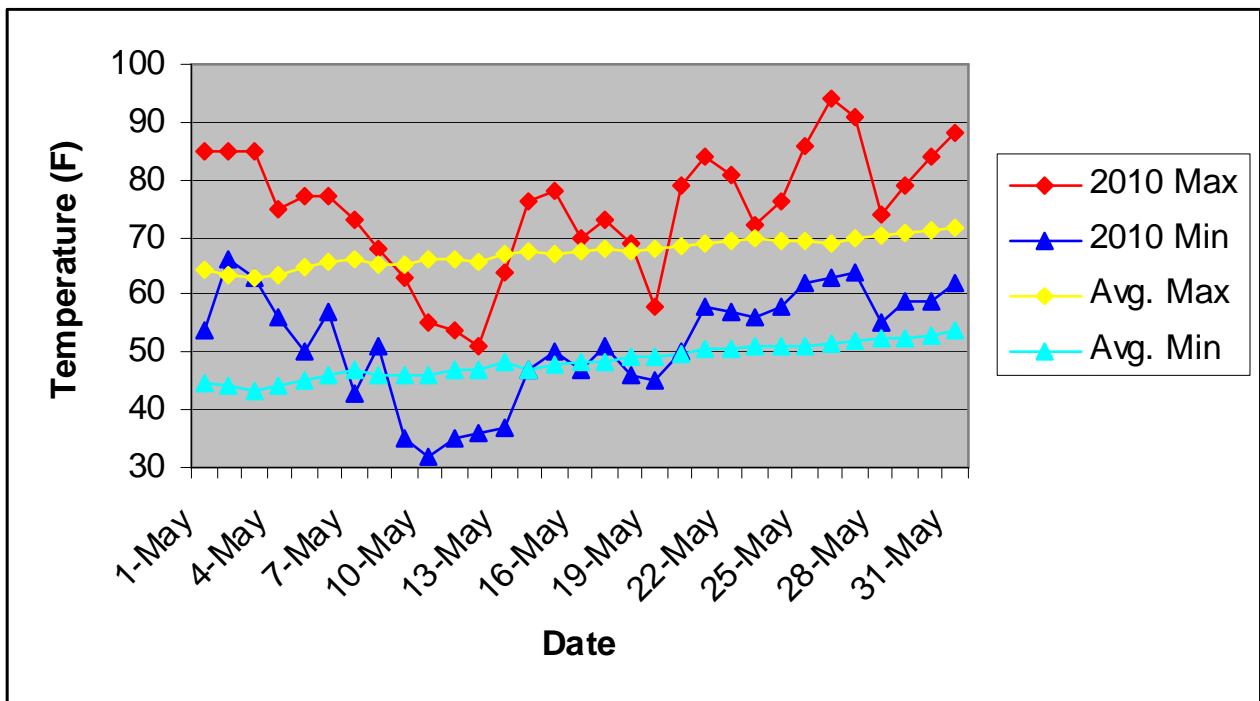
Temperature for the month was 5.4°F above the 114 year average, ranking this the **4th warmest May** on record (see table and graphs on Page 2). Highest daily maximum temperature readings were set on four days: on the 1st at 85°F (previous daily high was 84°F in 1899 and 2001), on the 26th at 94°F (previous daily high was 91°F in 1914), on the 27th at 91°F (previous daily high was 90°F in 1914), and on the 31st at 88°F (previous daily high was 87°F in 1986 and 1999). Precipitation for the month was 2.43 in., 42% below normal. Last frost occurred on the 10th (32°F), 15 days later than the 115 year average. Snowfall for the winter season (November to May) was 80.2 in., 21.2 in. above normal.

Paul C. Huth, Director of Research
John E. Thompson, Natural Resources Specialist
Hallie E. Schwab, 2010 Schaefer Summer Intern

Year	Temperature (°F)	Rank
1991	64.5	1
1944	63.6	2
1911	63.4	3
2010	63.4	4
1918	63.2	5
2004	63.2	6
1965	62.8	7
1998	62.8	8
1955	62.7	9
1975	62.2	10



May Maximum and Minimum Temperatures vs. 115 Year Average



MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for May 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)		58.0	63.4	+5.4
	Month			
Season	Jan-May	38.1	41.9	+3.8
Precipitation (in.)		4.17	2.43	-1.74
	Month			
Season	Jan-May	19.08	21.77	+2.69
Snowfall (in.)		0.1	0	-0.1
	Month			
Season	Nov-May	59.0	80.2	+21.2

Highest temperature: 94°F on the 26th

Lowest temperature: 32°F on the 10th

This month last year:

Temperature 59.3°F

Precipitation 5.43 in.

Snow 0.0 in.