



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

Natural Science Note No. 596-08

Weather: June, 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) | 66.2 | 70.8 | +4.6 |
| Precipitation (in.) | 4.00 | 3.73 | -0.27 |

Highest temperature: 95°F on the 9th, 10th

Lowest temperature: 50°F on the 18th

Fog: 6 days (4th, 6th, 14th, 18th, 22nd, 23rd)

Thunder: 10 days (6th-8th, 10th, 14th, 16th, 18th, 22nd, 24th, 29th)

Misting:

Haze: 13 days (3rd, 5th, 7th, 8th, 10th, 14th, 22nd, 23rd, 26th-30th)

Hail:

Damaging Winds:

Precipitation pH: 4.23 (n=14)

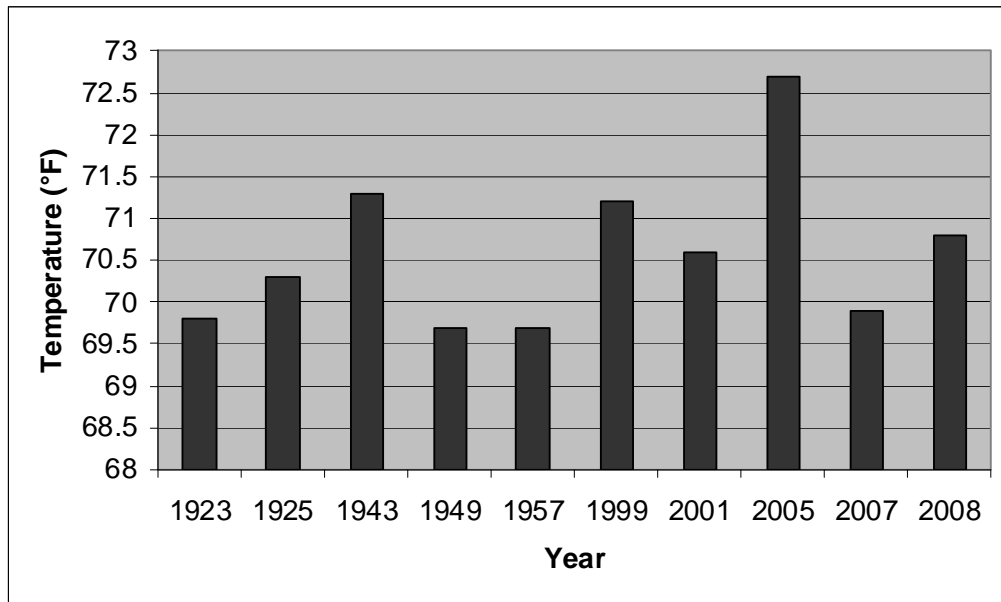
Summary

Temperature for the month was 4.6°F above the 112 year average, ranking this the **4th warmest June** on record (see table and graph on Page 2). Three highest maximum daily temperature records were set this month: on June 9th, at 95°F (previous high was 91°F in 2004); on June 10th, at 95°F (previous high was 92°F in 2000); and on June 11th, at 92°F (previous high was 90°F in 1997 and 2000). Precipitation for the month was 3.73 in., 7% below normal.

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

Highest Monthly Temperature: June

| Year | Temperature (°F) | Rank |
|-------------|------------------|----------|
| 2005 | 72.7 | 1 |
| 1943 | 71.3 | 2 |
| 1999 | 71.2 | 3 |
| 2008 | 70.8 | 4 |
| 2001 | 70.6 | 5 |
| 1925 | 70.3 | 6 |
| 2007 | 69.9 | 7 |
| 1923 | 69.8 | 8 |
| 1949 | 69.7 | 9 |
| 1957 | 69.7 | 10 |



MOHONK LAKE COOPERATIVE WEATHER STATION

Summary for June 2008

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

| | Months | 112-year Average (1896-2006) | Actual this Year | Deviation from Average |
|----------------------------|--------------|------------------------------------|------------------------|------------------------------|
| Temperature (°F) | | | | |
| | Month | 66.2 | 70.8 | +4.6 |
| Year | Jan-Jun | 42.7 | 45.5 | +2.8 |
| Precipitation (in.) | | | | |
| | Month | 4.00 | 3.73 | -0.27 |
| Year | Jan-Jun | 23.03 | 31.41 | +8.38 |

Highest temperature: 95°F on the 9th, 10th

Lowest temperature: 50°F on the 18th

This month last year:

Temperature 69.9°F (7th warmest)

Precipitation 3.01 in.