



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

Natural Science Note No. 738 – 2018
 From records of the Mohonk Lake Cooperative Weather Station
 Established January, 1896

Weather Summary for May, 2018

| | 122-year average 1896-2017 | Actual This Year | Deviation from Average |
|----------------------------|---------------------------------------|-------------------------|-----------------------------------|
| Temperature (°F) | 58.2 | 64.8 | +6.6 |
| Precipitation (in.) | 4.17 | 3.60 | -0.57 |
| Snow (in.) | 0.14 | 0.00 | -0.14 |

Highest temperature: 88°F on the 2nd

Lowest temperature: 41°F on the 1st

Fog: 6 days (12th, 13th, 17th, 19th, 28th, 31st)

Thunder: 2 days (10th, 15th)

Misting: 1 day (31st)

Precipitation pH: 5.34 (n= 19)

Summary

Temperature for May was 6.6°F above the 122-year average, marking this May 2nd warmest May on record (see Table 1). Precipitation was 3.60 in., 0.57 inches below average. There were 19 recorded days of measurable precipitation (Average is 16.5). Monthly snowfall was 0.00 in., 0.14 inches below average. Last frost occurred on the April 21st, 3 days earlier than average.

Table 1. **Top 10 Warmest Mays**

| Year | Temperature (°F) | Rank |
|-------------|-------------------------|-------------|
| 2015 | 65.9 | 1 |
| 2018 | 64.8 | 2 |
| 1991 | 64.5 | 3 |
| 1944 | 63.6 | 4 |
| 2012 | 63.5 | 5 |
| 1911 | 63.4 | 6 |
| 1918 | 63.2 | 7 |
| 2004 | 63.2 | 8 |
| 1965 | 62.8 | 9 |
| 1998 | 62.8 | 10 |

MOHONK LAKE COOPERATIVE WEATHER STATION

Weather Summary for the Spring Season (March, April, May), 2018

| | 122-year average 1896-2017 | Actual This Year | Deviation from Average |
|----------------------------|---------------------------------------|-------------------------|-----------------------------------|
| Temperature (°F) | 46.7 | 47.7 | +1.0 |
| Precipitation (in.) | 13.11 | 11.88 | -1.23 |
| Snow (in.) | 14.02 | 28.45 | +14.43 |

Highest Spring Temperature: 88°F on May 2nd

Lowest Spring Temperature: 14°F on March 18th

*Natalie Feldsine, Research Collection and Citizen Science Coordinator
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