



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

Natural Science Note No. 718-16

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

Weather Summary for October, 2016

	120-year average 1896-2015	Actual This Year	Deviation from Average
Temperature (°F)	51.8	53.1	+1.3
Precipitation (in.)	3.96	3.81	-0.15
Snow (in.)	0.27	1.00	+0.78

Highest temperature: 79°F on the 18th & 19th

Lowest temperature: 28°F on the 27th

Fog: 6 days (1st-3rd, 13th, & 21st-22nd)

Sun Dog: 1 day (9th)

Partial Rainbow: 1 day (19th)

Rainbow: 1 day (24th)

Precipitation pH: 5.56 (n = 11)

Summary

Temperature for October was 1.3°F above the 120-year average. **Three daily temperature records were recorded for October: October 18th at 79°F (78°F in 1908), October 19th at 79°F (77°F in 1963), and October 20th at 75°F (74°F in 1947).** Precipitation was 3.81 in., 0.15 inches below normal. Monthly snowfall was 1.00 in., 0.73 inches above normal.

There were 13 recorded days of measurable precipitation (Average is 9.2).

The first frost occurred on the 26th of October, 4 days later than average (October 22nd), making the 2016 growing season a total of 182 days (average is 180 days).

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