



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

**Natural Science Note No. 743 – 2018**

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

**Weather Summary for October, 2018**

	<b>122-year average 1896-2017</b>	<b>Actual This Year</b>	<b>Deviation from Average</b>
<b>Temperature (°F)</b>	51.9	51.2	-0.7
<b>Precipitation (in.)</b>	3.98	5.00	+1.02
<b>Snow (in.)</b>	0.28	0.00	-0.28

Highest temperature: 76°F on the 7<sup>th</sup>  
Lowest temperature: 22°F on the 23<sup>rd</sup>

Fog: 6 days (2<sup>nd</sup>, 4<sup>th</sup>, 8<sup>th</sup>, 9<sup>th</sup>, 11<sup>th</sup>, 15<sup>th</sup>)  
Thunder: 1 day (2<sup>nd</sup>)  
Misting: 2 days (2<sup>nd</sup>, 9<sup>th</sup>)

Precipitation pH: 4.48 (n=15)

**Summary**

Temperature for October was 0.7°F below the 122-year average. Precipitation was 5.00 in., 1.02 inches above average. There were 18 recorded days of measurable precipitation (Average is 9.2). First frost occurred on the 18<sup>th</sup>, 3.8 days earlier than average, making the 2018 growing season a total of 180 days (average is 180).

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Elizabeth Long, Director of Conservation Science*