



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

**Natural Science Note No. 731 – 2017**

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

**Weather Summary for October, 2017**

	<b>121-year average 1896-2016</b>	<b>Actual This Year</b>	<b>Deviation from Average</b>
<b>Temperature (°F)</b>	51.8	58.4	+6.6
<b>Precipitation (in.)</b>	3.96	6.18	+2.22
<b>Snow (in.)</b>	0.28	0.00	-0.28

Highest temperature: 76°F on the 5<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup>, 22<sup>nd</sup>

Lowest temperature: 23°F on the 31<sup>st</sup>

Fog: 3 days (9<sup>th</sup>, 24<sup>th</sup>, 29<sup>th</sup>)

Thunder: 2 days (9<sup>th</sup>, 24<sup>th</sup>)

Precipitation pH: 5.06 (n= 7)

**Summary**

Temperature for October was 6.6°F above the 121-year average, *marking this the 4<sup>th</sup> warmest October on record* (see Table 1). Precipitation was 6.18 in., 2.22 inches above normal. There were 9 recorded days of measurable precipitation (Average is 9.2). Monthly snowfall was 0.00 in., 0.28 inches below normal. First frost occurred on the 31<sup>st</sup>, 9 days later than average (October 22<sup>nd</sup>), making the 2017 growing season a total of 174 days (average is 180 days).

Table 1. **Top 10 Warmest Octobers**

<b>Year</b>	<b>Temperature (°F)</b>	<b>Rank</b>
1947	59.6	1
1963	59.2	2
2007	59.1	3
<b>2017</b>	<b>58.4</b>	<b>4</b>
1949	57.3	5
1995	56.9	6
1971	56.6	7
1927	56.4	8
1990	56.4	9
1954	56.1	10

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