



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

**Natural Science Note No. 808- 2023**

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

**Weather Summary for October, 2023**

	<b>127-year average 1896-2022</b>	<b>Actual This Year</b>	<b>Deviation from Average</b>
<b>Temperature (°F)</b>	52.0	57.2	+5.2
<b>Precipitation (in.)</b>	4.05	4.26	+0.21
<b>Snow (in.)</b>	0.27	0.00	-0.27

Highest temperature: 82°F on the 4<sup>th</sup> and 5<sup>th</sup>

Lowest temperature: 34°F on the 31<sup>st</sup>

**Summary\***

Temperature for October was 57.2°F, 5.2°F above the 127-year average, marking this the seventh warmest October in our recorded history (Table 1). Precipitation was 4.26 in., 0.21 inches above average. There was no snowfall, which is 0.27 inches below average. There were 9 recorded days of measurable precipitation (Average is 10.5).

Table 1. **Top 10 Warmest Octobers**

<b>Year</b>	<b>Temperature (°F)</b>	<b>Rank</b>
1947	59.5	1
1963	59.2	2
2007	59.1	3
2017	58.4	4
2021	58.2	5
1949	57.3	6
<b>2023</b>	<b>57.2</b>	<b>7</b>
1971	56.8	8
1995	56.8	9
1990	56.4	10

\*Temperature data from the High Falls Mesonet station from October 1-12 were incorporated into this month's summary due to a malfunction of the DSRC's temperature logger, which caused a loss of data.

*Penny Adler-Colvin, Community Science Coordinator*