



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

**Natural Science Note No. 767 – 2020**  
From records of the Mohonk Lake Cooperative Weather Station  
Established January, 1896

**Weather Summary for August, 2020**

	<b>124-year average 1896-2019</b>	<b>Actual This Year</b>	<b>Deviation from Average</b>
<b>Temperature (°F)</b>	69.1	73.8	+4.7
<b>Precipitation (in.)</b>	4.44	2.45	-1.99

Highest temperature: 90°F on the 24<sup>th</sup>

Lowest temperature: 53°F on the 31<sup>st</sup>

Precipitation pH: Not Available

**Summary**

Temperature for August was 4.7°F above the 124-year average, marking this the 6<sup>th</sup> warmest August on record (Table 1). Precipitation was 1.99 inches below average. There were 7 recorded days of measurable precipitation (Average is 10.1).

**Table 1. Top 10 Warmest Augusts**

<b>Year</b>	<b>Temperature (°F)</b>	<b>Rank</b>
2005	72.7	1
1943	71.3	2
1999	71.2	3
2008	70.8	4
2001	70.6	5
<b>2020</b>	<b>70.6</b>	<b>6</b>
2010	70.4	7
1925	70.3	8
2007	70.1	9
1923	69.8	10

# MOHONK LAKE COOPERATIVE WEATHER STATION

## Weather Summary for the Summer Season (June, July August), 2020

	<b>124-year average 1896-2019</b>	<b>Actual This Year</b>	<b>Deviation from Average</b>
<b>Temperature (°F)</b>	68.8	73.8	+5.0
<b>Precipitation (in.)</b>	13.15	6.27	-6.88

Highest Summer Temperature: 93°F on July 27<sup>th</sup> and 28<sup>th</sup>

Lowest Summer Temperature: 42°F on June 1<sup>st</sup>

Temperature for this summer was 5.0°F above the 124-year average, marking this the 2<sup>nd</sup> warmest summer season on record (Table 2) and precipitation was 6.88 in. below average, marking this the 7<sup>th</sup> driest summer season on record (Table 3). There were 10 recorded days where the temperature reached 90°F or above (average is 2.97).

Table 2. **Top 10 Warmest Summer Seasons**

<b>Year</b>	<b>Temperature (°F)</b>	<b>Rank</b>
2005	74.0	1
<b>2020</b>	<b>73.8</b>	<b>2</b>
2002	73.1	3
1999	73.1	4
2010	72.9	5
1988	72.3	6
2016	72.3	7
2001	72.1	8
2018	72.1	9
2011	71.8	10

Table 3. **Top 10 Driest Summer Seasons**

<b>Year</b>	<b>Precipitation (in.)</b>	<b>Rank</b>
1964	4.4	1
1966	5.4	2
1924	5.4	3
1953	5.6	4
1962	5.8	5
1957	5.9	6
<b>2020</b>	<b>6.3</b>	<b>7</b>
1913	6.9	8
1993	7.0	9
1949	7.5	10

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