



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

Natural Science Note No. 806- 2023
 From records of the Mohonk Lake Cooperative Weather Station
 Established January, 1896

Weather Summary for August, 2023

	127-year average 1896-2022	Actual This Year	Deviation from Average
Temperature (°F)	69.3	70.2	+0.9
Precipitation (in.)	4.45	6.40	+1.95

Highest temperature: 83°F on the 13th, 21st, and 22nd
 Lowest temperature: 51°F on the 2nd

Summary*

Temperature for August was 70.2°F, 0.9°F above the 127-year average. Precipitation was 6.4 in., 1.95 inches above average. There were 13 recorded days of measurable precipitation (Average is 12).

Weather Summary for the Summer Season (June, July August), 2023

	127-year average 1896- 2022	Actual This Year	Deviation from Average
Temperature (°F)	68.9	70.2	+1.3
Precipitation (in.)	13.1	20.6	+7.5

Highest Summer Temperature: 90°F on June 2nd
 Lowest Summer Temperature: 44°F on June 4th

Summary*

Temperature for summer 2023 was 70.2°F, 1.3°F above the 127-year average. Precipitation was 20.6 in., 7.5 inches above average, marking this the ninth wettest summer in our recorded history (Table 1).

Table 1. Top 10 Wettest Summers

MOHONK LAKE COOPERATIVE WEATHER STATION

Year	Precipitation (in.)	Rank
2009	29.4	1
1903	27.7	2
1928	26.9	3
2011	24.2	4
2013	23.7	5
1938	23.1	6
1897	21.1	7
1945	20.8	8
2023	20.6	9
1990	18.9	10

*Temperature data from the High Falls Mesonet station from August 1-22 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