



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

Natural Science Note No. 807- 2023

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

Weather Summary for September, 2023

	127-year average 1896-2022	Actual This Year	Deviation from Average
Temperature (°F)	62.4	64.7	+2.3
Precipitation (in.)	4.43	9.00	+4.57

Highest temperature: 89°F on the 7th

Lowest temperature: 43°F on the 27th

Summary*

Temperature for September was 64.7°F, 2.3°F above the 127-year average. Precipitation was 9.0 in., 4.57 inches above average, marking this the ninth wettest September in our recorded history (Table 1). There were 14 recorded days of measurable precipitation (Average is 10.5).

Table 1. **Top 10 Wettest Septembers**

Year	Precipitation (in.)	Rank
2018	12.70	1
2011	12.08	2
1938	11.59	3
1987	11.17	4
1934	10.01	5
1996	9.92	6
1999	9.65	7
1907	9.01	8
2023	9.00	9
1899	8.90	10

*Temperature data from the High Falls Mesonet station from September 15-30 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