



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

Natural Science Note No. 810- 2023

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

Weather Summary for December, 2023

	127-year average 1896-2023	Actual This Year	Deviation from Average
Temperature (°F)	29.2	38.6	+9.4
Precipitation (in.)	3.98	8.27	+4.29
Snow (in.)	11.36	Trace (0.01)	-11.35

Highest temperature: 58°F on the 18th

Lowest temperature: 16°F on the 22nd

Summary

Temperature for December was 38.6°F, 9.4°F above the 127-year average, marking this the second hottest December in our recorded history (Table 1). Precipitation was 8.27 in., 4.29 inches above average, marking this the fifth wettest December in our recorded history (Table 2). Monthly snowfall was trace (0.01 in.), 11.35 in. below average, marking this the ninth least snowy December in our recorded history (Table 3). There were 11 recorded days of measurable precipitation (Average is 13).

Table 1. **Top 10 Hottest Decembers**

Year	Temperature (°F)	Rank
2015	42.2	1
2023	38.6	2
2006	38.4	3
1923	37.6	4
2021	37.0	5
1998	36.8	6
2001	36.7	7
2011	36.2	8
1953	35.2	9
1990	35.2	10

Table 2. **Top 10 Wettest Decembers**

MOHONK LAKE COOPERATIVE WEATHER STATION

Year	Precipitation (in.)	Rank
1948	9.23	1
1973	9.22	2
1996	8.92	3
1915	8.90	4
2023	8.27	5
2008	8.21	6
1990	8.05	7
1957	7.88	8
1983	7.05	9
1901	6.88	10

Table 3. Top 10 Least Snowy Decembers

Year	Snowfall (in.)	Rank
1898	0.00	1
1899	0.00	2
1922	0.00	3
1928	0.00	4
1943	0.00	5
1954	0.00	6
1988	0.00	7
2006	0.00	8
2023	0.01	9
2018	0.20	10

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