



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

Natural Science Note No. 760 – 2020
 From records of the Mohonk Lake Cooperative Weather Station
 Established January, 1896

Weather Summary for January, 2020

	124-year average 1896-2019	Actual This Year	Deviation from Average
Temperature (°F)	24.9	33.1	+8.2
Precipitation (in.)	3.50	1.47	-2.03
Snow (in.)	14.89	3.50	-11.39

Highest temperature: 60°F on the 11th

Lowest temperature: 8°F on the 18th

Fog: 4 days (4th, 13th, 14th, 25th)

Lake Ice: 95% on the 1st, 80% on the 4th, 85% on the 5th to 6th, 70% on the 7th, 65% on the 8th, 60% on the 11th, 10% on the 12th to 13th, 0% on the 14th to 17th, 100% from the 18th to 30th. Note – please see the NOAA daily summaries for the dates where lake ice percentage was not available (N/A).

Snow on Ground: Trace on the 1st, 0 inches from the 2nd to 18th, 4 inches on the 19th, 3 inches from the 20th to 24th, 2 inches on the 25th, 1 inch on the 26th to 27th, Trace from the 28th to 31st.

Precipitation pH: 5.05 (n=4)

Summary

Temperature for January was 8.2°F above the 124-year average marking this the 8th warmest January on record. Precipitation was 2.03 in. below average. There were 4 recorded days of measurable precipitation (Average is 10.7). Monthly snowfall was 11.39 in. below average.

Table 1. **Top 10 Warmest Januaries**

Year	Temperature (°F)	Rank
1932	36.0	1
2006	34.1	2
1913	33.9	3
1933	33.6	4
1990	33.5	5
2002	33.4	6
1950	33.1	7
2020	33.1	8
1937	32.6	9
1924	32.3	10

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