



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

Natural Science Note No. 758 – 2019
 From records of the Mohonk Lake Cooperative Weather Station
 Established January, 1896

Weather Summary for December, 2019

	123-year average 1896-2018	Actual This Year	Deviation from Average
Temperature (°F)	29.0	31.6	+2.6
Precipitation (in.)	3.94	5.94	+2.00
Snow (in.)	11.50	15.32	+3.82

Highest temperature: 52°F on the 23rd

Lowest temperature: 9°F on the 19th and 21st

Fog: 5 days (9th, 10th, 14th, 27th, 31st)

Lake Ice: 0% on the 1st, 3rd, 4th, 6th. 5% on the 7th. 50% on the 8th. 0% on the 10th, 11th. 35% on the 12th. 75% on the 16th. 80% on the 18th. 90% on the 20th. 85% on the 21st, 22nd. 80% on the 23rd. 85% on the 26th. 80% on the 28th, 29th. 90% on the 31st. N/A for all other dates.

Snow on Ground: 2 inches on the 1st, 8 inches on the 2nd, 13 inches on the 3rd, 11 inches on the 4th and 5th, 9 inches on the 6th and 7th, 8 inches on the 8th, 4 inches on the 9th, Trace on the 10th, 1 inch on the 11th, Trace on the 12th and 13th, 0 inches on the 14th, -16th, 1 inch on the 17th and 18th, 0 inches on the 19th, 1 inch on the 20th-22nd, Trace on the 23rd-27th, 0 inches on the 28th and 29th, Trace on the 30th and 31st.

Precipitation pH: 5.94 (n= 6)

Summary

Temperature for December was 2.6°F above the 123-year average. Precipitation was 5.94 in., 2.00 inches above average. There were 10 recorded days of measurable precipitation (average is 10.6). Monthly snowfall was 3.82 in. above average. 100% lake ice has not yet occurred for the 2019-2020 lake ice season.

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