



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

Natural Science Note No. 722-17

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

Weather Summary for January, 2017

	121-year average 1896-2016	Actual This Year	Deviation from Average
Temperature (°F)	24.8	31.8	+7.0
Precipitation (in.)	3.46	4.14	+0.68
Snow (in.)	14.97	7.80	-7.17

Highest temperature: 55°F on the 13th

Lowest temperature: 1°F on the 9th

Fog: 9 days (3rd-4th, 11th-12th, 17th-19th, 23rd-24th)

Ice Pellets: 1 day (24th)

Glaze: 2 days (11th, 17th)

Haze: 2 days (11th, 17th)

Misting: 1 day (12th)

Lake Ice: 100% on the 1st through 2nd in the AM, 98% on the 2nd in the PM, 100% on the 3rd through the rest of the month.

Snow on Ground: 6 inches on the 1st through 2nd, 5 inches on the 3rd, 3 inches on the 4th through the 10th, 4 inches on the 11th, 1 inch on the 12th, T on the 13th through the 17th, 0 inches from the 18th through the 23rd, 2 inches on the 24th, 4 inches on the 25th, 2 inches on the 26th through the 30th, 5 inches on the 31st.

Precipitation pH: 4.74 (n= 8)

Summary

Temperature for January was 7°F above the 121-year average, marking this January 10th warmest January on record (see Table 1). Precipitation was 4.14 in., 0.68 inches above normal. There were 13 recorded days of measurable precipitation (Average is 10.7). Monthly snowfall was 7.80 in., 7.17 inches below normal.

MOHONK LAKE COOPERATIVE WEATHER STATION

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
1937	32.6	8
1924	32.3	9
2017	31.8	10

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