



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

**Natural Science Note No. 747 – 2019**  
 From records of the Mohonk Lake Cooperative Weather Station  
 Established January, 1896

**Weather Summary for January, 2019**

	<b>123-year average 1896-2018</b>	<b>Actual This Year</b>	<b>Deviation from Average</b>
<b>Temperature (°F)</b>	24.9	25.1	+0.2
<b>Precipitation (in.)</b>	3.48	6.52	+3.04
<b>Snow (in.)</b>	14.89	14.70	-0.19

Highest temperature: 52°F on the 24<sup>th</sup>  
 Lowest temperature: -9°F on the 31<sup>st</sup>

Fog: 2 days (8<sup>th</sup>, 18<sup>th</sup>)  
 Thunder: 1 day (8<sup>th</sup>)

Lake Ice: 0% on the 1<sup>st</sup> to the 6<sup>th</sup>, 5% on the 7<sup>th</sup> and 8<sup>th</sup>, 0% on the 9<sup>th</sup> to the 11<sup>th</sup>, 100% on the 12<sup>th</sup> to the 31<sup>st</sup>.

Snow on Ground: 0 inches on the 1<sup>st</sup> and 2<sup>nd</sup>, trace on the 3<sup>rd</sup> and 4<sup>th</sup>, 0 inches on the 5<sup>th</sup> to 7<sup>th</sup>, trace on the 8<sup>th</sup>, 0 inches on the 9<sup>th</sup> to the 13<sup>th</sup>, trace on the 14<sup>th</sup> and 15<sup>th</sup>, 0 inches on the 16<sup>th</sup> and 17<sup>th</sup>, trace on the 18<sup>th</sup>, 0 inches on the 19<sup>th</sup>, 6 inches on the 20<sup>th</sup> to the 23<sup>rd</sup>, 1 inch on the 24<sup>th</sup> to the 27<sup>th</sup>, 0 inches on the 28<sup>th</sup>, 6 inches on the 29<sup>th</sup>, 8 inches on the 30<sup>th</sup>, 7 inches on the 31<sup>st</sup>.

Precipitation pH: 4.01 (n=9)

**Summary**

Temperature for January was 0.2°F above the 123-year average. Precipitation was 3.04 in. above average, marking this the 10<sup>th</sup> wettest January on record. There were 11 recorded days of measurable precipitation (Average is 10.6). Monthly snowfall was 0.19 in. below average.

Table 1. **Top 10 Wettest Januaries**

<b>Year</b>	<b>Precipitation (in.)</b>	<b>Rank</b>
1979	11.24	1
1910	8.63	2
1978	7.82	3
2005	7.11	4
1999	6.99	5
1953	6.64	6
2006	6.62	7
1915	6.56	8
1996	6.52	9
<b>2019</b>	<b>6.52</b>	<b>10</b>

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