



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

**Natural Science Note No. 749 – 2019**

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

**Weather Summary for March, 2019**

|                            | <b>123-year average<br/>1896-2018</b> | <b>Actual This Year</b> | <b>Deviation from<br/>Average</b> |
|----------------------------|---------------------------------------|-------------------------|-----------------------------------|
| <b>Temperature (°F)</b>    | 35.0                                  | 35.9                    | +0.9                              |
| <b>Precipitation (in.)</b> | 4.82                                  | 1.83                    | -2.99                             |
| <b>Snow (in.)</b>          | 11.11                                 | 5.10                    | -6.01                             |

Highest temperature: 67°F on the 30<sup>th</sup>

Lowest temperature: 4°F on the 7<sup>th</sup>

Fog: 2 days (21<sup>st</sup> and 29<sup>th</sup>)

Lake Ice: 100% on the 1<sup>st</sup>-14<sup>th</sup>, 97% on the 15<sup>th</sup>, 100% on the 16<sup>th</sup>-18<sup>th</sup>, 99% on the 19<sup>th</sup>-21<sup>st</sup>, 100% on the 22<sup>nd</sup>, 98% on the 23<sup>rd</sup>-27<sup>th</sup>, N/A\* on the 28<sup>th</sup>-29<sup>th</sup>, 90% on the 30<sup>th</sup>, N/A on the 31<sup>st</sup>. \*refers to dates where the percentage of lake ice was not noted.

Snow on Ground: 4 inches on the 1<sup>st</sup>, 5 inches on the 2<sup>nd</sup>, 4 inches on the 3<sup>rd</sup>, 8 inches on the 4<sup>th</sup>-6<sup>th</sup>, 7 inches on the 7<sup>th</sup>-11<sup>th</sup>, 6 inches on the 12<sup>th</sup>-13<sup>th</sup>, 4 inches on the 14<sup>th</sup>, 3 inches on the 15<sup>th</sup>, 2 inches on the 16<sup>th</sup>-17<sup>th</sup>, trace on the 18<sup>th</sup>-19<sup>th</sup>, 0 inches on the 20<sup>th</sup>-31<sup>st</sup>.

Precipitation pH: 4.64 (n= 7)

**Summary**

Temperature for March was 0.9°F above the 123-year average. Precipitation was 1.83 in., 2.99 inches below average. There were 7 recorded days of measurable precipitation (Average is 11.5). Monthly snowfall was 5.10 in., 6.01 inches below average.

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