



Daniel Smiley Research Center  
**MOHONK PRESERVE**  
 Mohonk Lake, New Paltz, NY 12561  
**Natural Science Note No. 654-12**

**Weather: February, 2012**

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

	<b>116-year average 1896-2011</b>	<b>Actual This Year</b>	<b>Deviation from Average</b>
<b>Temperature ( F)</b>	26.0	35.0	+9.0
<b>Precipitation (in.)</b>	3.31	1.66	-1.65
<b>Snow (in.)</b>	14.9	11.5	-3.4

Highest temperature: 57 F on the 22<sup>nd</sup>

Lowest temperature: 12 F on the 12<sup>th</sup>

Fog: 4 days (15<sup>th</sup>, 16<sup>th</sup>, 24<sup>th</sup>, 29<sup>th</sup>)

Ice Pellets: 1 day (29<sup>th</sup>)

Glaze: 2 days (24<sup>th</sup>, 29<sup>th</sup>)

Thunder: 1 day (24<sup>th</sup>)

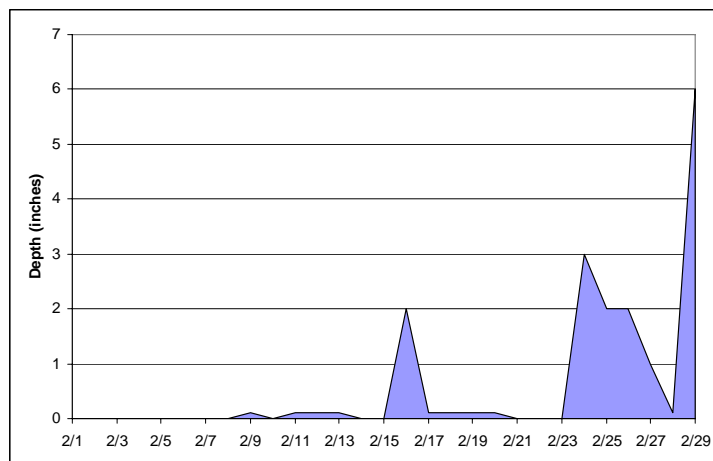
Misting: 2 days (24<sup>th</sup>, 29<sup>th</sup>)

Haze: 22 days (1<sup>st</sup>-12<sup>th</sup>, 14<sup>th</sup>-17<sup>th</sup>, 21<sup>st</sup>, 23<sup>rd</sup>, 27<sup>th</sup>-29<sup>th</sup>)

Sun Dog: 1 day (3<sup>rd</sup>)

Lunar Halo: 1 day (3<sup>rd</sup>)

Snow on Ground:



Lake Ice: 100% cover on the 1<sup>st</sup>- 21<sup>st</sup>. 3 ¾ inches thick (2 ¾ in. clear water ice) off the Boat Wharf and 7 ½ inches thick (clear water ice) 80 feet off Open Camp. 1% off on the 22<sup>nd</sup>, 2% off on the 23<sup>rd</sup>, 3% off on the 24<sup>th</sup>, 5% off

on the 25<sup>th</sup> & 26<sup>th</sup>, 8% off on the 27<sup>th</sup>, 15% off on the 28<sup>th</sup>, and 20% off on the 29<sup>th</sup>.

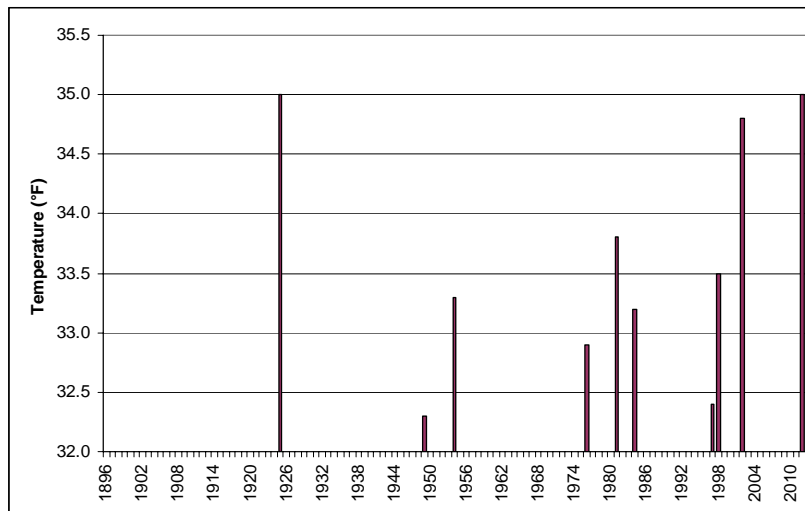
Precipitation pH: 5.24 (n=4)

### Summary

Temperature for the month was 9.0 F above the 116 year average, ranking this the **2<sup>nd</sup> warmest February on record** (see table & graph). A daily temperature record was set for the highest minimum temperature on the 1<sup>st</sup> at 42°F (previous record of 36°F occurred in 1988). Precipitation for the month was 50% below normal. Seven days of measureable precipitation were recorded (74 year average is 9 days). Snowfall for the month was 23% below normal.

### Highest Monthly Temperature: February

Year	Temperature ( F )	Rank
1925	35.0	1
<b>2012</b>	<b>35.0</b>	<b>2</b>
2002	34.8	3
1981	33.8	4
1998	33.5	5
1954	33.3	6
1984	33.2	7
1976	32.9	8
1997	32.4	9
1949	32.3	10



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# MOHONK LAKE COOPERATIVE WEATHER STATION

## Summary for February 2012

Compiled by the MOHONK PRESERVE, Mohonk Lake, New Paltz, NY 12561

	Months	116-year Average (1896-2011)	Actual this Year	Deviation from Average
<b>Temperature ( F)</b>				
<b>Month</b>		26.0	35.0	+9.0
<b>Season</b>	Nov-Feb	30.0	37.0	+7.0
<b>Precipitation (in.)</b>				
<b>Month</b>		3.31	1.66	-1.65
<b>Season</b>	Nov-Feb	14.51	13.57	-0.94
<b>Snowfall (in.)</b>				
<b>Month</b>		14.9	11.5	-3.4
<b>Season</b>	Oct-Feb	45.2	37.6	-7.6

Highest temperature: 57 F on the 22<sup>nd</sup>

Lowest temperature: 12 F on the 12<sup>th</sup>

This month last year:

Temperature 28.0 F

Precipitation 5.07 in.

Snow 16.4 in.