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

Natural Science Note No. 741 – 2018
From records of the Mohonk Lake Cooperative Weather Station
Established January, 1896

Weather Summary for August, 2018

	122-year average 1896-2017	Actual This Year	Deviation from Average
Temperature (°F)	69.1	73.5	+4.4
Precipitation (in.)	4.42	5.38	+0.96

Highest temperature: 90°F on the 29th
Lowest temperature: 56°F on the 31st

Fog: 8 days (1st, 3rd, 11th, 13th, 14th. 21st, 22nd, 28th)
Thunder: 5 days (2nd, 3rd, 8th, 17th, 18th)
Haze: 7 days (6th, 7th, 16th, 17th, 27th, 28th, 29th)

Precipitation pH: 4.77 (n= 11)

Summary

Temperature for August was 4.4°F above the 122-year average, marking this the 5th warmest August on record. Precipitation was 0.96 in. above average. There were 14 recorded days of measurable precipitation (Average is 9.85).

Table 1. **Top 10 Warmest Augusts**

Year	Temperature (°F)	Rank
2001	75.1	1
2005	74.6	2
2002	74.4	3
2016	73.7	4
2018	*73.5*	*5*
2003	73.1	6
1998	72.9	7
1988	72.8	8
1955	72.7	9
1900	72.2	10

MOHONK LAKE COOPERATIVE WEATHER STATION

Weather Summary for the Summer Season (June, July August), 2018

	122-year average 1896-2017	**Actual This Year**	**Deviation from Average**
Temperature (°F)	68.8	72.1	+3.3
Precipitation (in.)	13.12	16.59	+3.47

Highest Summer Temperature: 93°F on July 2nd and 3rd
Lowest Summer Temperature: 46°F on June 4th

Temperature for this summer was 3.3°F above the 122-year average and precipitation was 3.47 in. above average. There were 8 recorded days where the temperature reached 90°F or above (average is 2.91).

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