



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

Natural Science Note No. 689-14
From records of the Mohonk Lake Cooperative Weather Station
Established January, 1896

Weather Summary for August, 2014

	118-year average 1896-2013	Actual This Year	Deviation from Average
Temperature (°F)	69.0	69.4	+0.4
Precipitation (in.)	4.47	0.67	-3.80

Highest temperature: 87°F on the 27th
Lowest temperature: 52°F on the 15th
Fog: 4 days (12th, 13th, 22nd, 31st)
Misting: 1 day (22nd)
Haze: 23 days (1st—6th, 9th, 11th—15th, 17th, 18th, 20th, 23rd—28th, 30th, 31st)
Thunder: 5 days (1st, 5th, 6th, 21st, 31st)
Precipitation pH: 6.02 (n=5)

Summary

Temperature for the month was 0.4°F above average. Precipitation was 3.80 inches below average ranking 2014 the **driest August on record** (see table). 8 days of measurable precipitation were recorded (average is 10 days).

Hallie E. Schwab, Citizen Science Coordinator
John E. Thompson, Director of Conservation Science

MOHONK LAKE COOPERATIVE WEATHER STATION

August Precipitation Top 10 Driest Augusts 1896-2014

Year	Precipitation (Inches)	Rank
2014	0.67	1
1957	0.82	2
1924	0.97	3
1966	1.02	4
1935	1.14	5
1972	1.25	6
1964	1.34	7
1981	1.40	8
1998	1.41	9
1899	1.52	10

Summer Summary (June-August)

	Months	118-year Average (1896-2013)	Actual this Year	Deviation from Average
Temperature (°F)	August	69.0	69.4	+0.4
	June-August	68.8	69.8	+1.0
Precipitation (in.)	August	4.47	0.67	-3.80
	June-August	13.11	13.71	+0.60

Highest Summer Temperature: 87°F on July 1st, July 23rd, and August 27th

Lowest Summer Temperature: 51°F on June 6th