



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

Natural Science Note No. 717-16
 From records of the Mohonk Lake Cooperative Weather Station
 Established January, 1896

Weather Summary for September, 2016

	120-year average 1896-2015	Actual This Year	Deviation from Average
Temperature (°F)	62.3	66.7	+4.4
Precipitation (in.)	4.38	1.57	-2.81

Highest temperature: 86°F on the 8th & 9th

Lowest temperature: 45°F on the 25th

Fog: 5 days (1st, 19th-20th, 28th, & 30th)

Thunder: 1 day (10th)

Misting: 1 day (1st)

Precipitation pH: 5.20 (n=9)

Summary

Temperature for September was 4.4°F above the 120-year average. *September 2016 was the 4th warmest September on record* (See Table 1). Precipitation was 1.57 in., 2.81 inches below normal. *Despite the low amount of precipitation received, this September only ranked as the 20th-driest September on record* (See Table 2). There were 9 recorded days of measurable precipitation (Average is 9.42).

Table 1. **Top 10 Warmest Septembers**

Year	Temperature (°F)	Rank
2005	68.8	1
2015	68.2	2
1961	67.5	3
2016	66.7	4
2002	66.6	5
1983	66.2	6
1998	66.1	7
1999	66.1	8
2007	66.1	9
1930	65.7	10

MOHONK LAKE COOPERATIVE WEATHER STATION

Table 2. **Top 25 Driest Septembers**

Year	Precipitation (in)	Rank
1948	0.16	1
1914	0.32	2
1917	0.64	3
1964	0.69	4
1941	0.73	5
1932	0.80	6
1986	0.80	7
1936	0.97	8
1990	1.07	9
2014	1.17	10
1908	1.20	11
1967	1.22	12
1898	1.23	13
1984	1.23	14
1972	1.24	15
2007	1.27	16
1943	1.31	17
1957	1.36	18
1922	1.55	19
2016	1.57	20
1929	1.65	21
1903	1.71	22
2013	1.82	23
1897	1.89	24
1998	1.99	25

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