



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

Natural Science Note No. 813–2024
 From records of the Mohonk Lake Cooperative Weather Station
 Established January, 1896

Weather Summary for February, 2024

	127-year average 1896-2023	Actual This Year	Deviation from Average
Temperature (°F)	26.4	34.9	+8.5
Precipitation (in.)	3.32	1.92	-1.40
Snow (in.)	14.9	4.0	-10.9

Highest temperature: 58°F on the 27th

Lowest temperature: 14°F on the 20th and 25th

Summary

Temperature for February was 34.9°F, 8.5°F above the 127-year average, making this the 4th warmest February on record (Table 1). Precipitation was 1.92 in., 1.40 inches below average. Snowfall was 4.0 inches, 10.90 inches below average. There were 8 recorded days of measurable precipitation (Average is 11).

Table 1. **Top 10 Warmest Februaries**

Year	Temperature (°F)	Rank
2017	36.0	1
1925	35.0	2
2012	35.0	3
2024	34.9	4
2002	34.8	5
2023	34.3	6
2018	34	7
1981	33.8	8
1998	33.6	9
1954	33.3	10

Weather Summary for the Winter Season (December, January, February), 2024

	127-year average	Actual This Year	Deviation from
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MOHONK LAKE COOPERATIVE WEATHER STATION

	1896-2023		Average
Temperature (°F)	26.9	34.6	+7.7
Precipitation (in.)	10.75	19.84	+9.09
Snow (in.)	40.93	28.02	-12.91

Highest Winter Temperature: 58°F on December 18th and February 27th

Lowest Winter Temperature: 9°F on January 22nd

Temperature for the 2023-2024 winter season was 7.7°F above the 127-year average, making this the 2nd warmest winter season on record (Table 2). Precipitation was 9.09 in. above average. The 2023-2024 winter season snowfall was 12.91 inches below average.

Table 2. **Top 10 Warmest Winters**

Years	Temperature (°F)	Rank
2001-2002	35.0	1
2023-2024	34.6	2
2022-2023	34.1	3
2015-2016	34.0	4
2011-2012	33.7	5
1931-1932	33.5	6
2016-2017	33.0	7
2017-2018	33.0	8
2019-2020	32.6	9
1997-1998	32.2	10

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