

2023 Northern Michigan Climate Summary

Alpena

Average Temp	Avg. Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
46.6°	+2.2°	30.02"	+0.35"	57.1"	-20.5"

Houghton Lake

Average Temp	Avg. Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
46.4°	+2.3°	26.36"	-3.23"	47.1"	-18.8"

Sault Ste. Marie

Average Temp	Avg. Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
45.0°	+2.6°	35.07"	+0.61"	120.0"	-0.1"

Gaylord

Average Temp	Avg. Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
46.8°	+5.3°	32.75"	-4.18"	110.1"	-30.2"

Traverse City

Average Temp	Avg. Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
49.9°	+4.8°	34.43"	-1.77"	87.1"	-13.9"

2023 Highlights by Climate Site

Alpena (Records 1916 - Present)

- Tied 2016 for the 3rd warmest year on record since records began (46.6°F).
- 9 daily record highs tied or broken in 2023.
 - Warmest temperature: 94°F on September 4th (Labor Day).
- Observed 3rd wettest calendar day on record (3.49" on July 26th).

Sault Sainte Marie (Records 1888 - Present)

- Tied 2016 for the 4th warmest year on record since records began (45.0°F).
- 10 daily record highs tied or broken in 2023.
 - Observed 83°F on both October 2nd and 3rd, setting a new all-time monthly record high for the month of October.
 - Warmest temperature: 89°F on June 2nd.
- Observed snowiest April calendar day on record since records began when 18.6" of snow fell on April 1st.

Houghton Lake (Records 1888 - Present)

- Tied 2016 for the 7th warmest year on record since records began (46.4°F)
- 4 daily record highs tied or broken in 2023.
 - Warmest temperature: 91°F on June 2nd.

Gaylord (Records 1951 - Present)

- 2nd warmest year on record since records began (46.8°F).
- 15 daily record highs tied or broken in 2023
 - Observed 93°F on May 31st, setting a new all-time monthly record high temperature for the month of May
 - Warmest temperature: 94°F on September 4th (Labor Day)

Traverse City (Records 1897 - Present)

- 2nd warmest year on record since records began (49.9°F)
- 9 daily record highs tied or broken in 2023.
 - Warmest temperature: 94°F on September 5th