

# December 2023 Northern Michigan Climate Summary

## Alpena

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
34.5°F	+7.9°F	1.69"	-0.18"	5.1"	-11.8"

## Houghton Lake

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
34.2°F	+8.6°F	1.25"	-0.51"	4.4"	-10.7"

## Sault Ste. Marie

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
32.2°F	+8.4°F	1.89"	-0.91"	9.7"	-20.7"

## Gaylord

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
34.0°F	+11.4°F	1.77"	-1.19"	7.9"	-23.5"

## Traverse City

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
37.7°F	+8.6°F	2.08"	-0.59"	8.1"	-16.5"

# December 2023 Notes

## Alpena (Records 1916 - Present)

- 2nd warmest December on record (avg. temp 34.5°F)
  - 2015 remains the warmest December on record at Alpena (36.5°F).
  - No record highs were set this month. Warmth was driven by nighttime lows running 9.1°F above the 30 year (1991-2020) climatological normals.

## Sault Sainte Marie (Records 1888 - Present)

- 2nd warmest December on record (avg. temp 32.2°F)
  - 2015 remains the warmest December on record at Sault Sainte Marie (33.7°F).
  - No record highs were set this month. Warmth was driven by nighttime lows running 10.2°F above the 30 year (1991-2020) climatological normals.

## Houghton Lake (Records 1888 - Present)

- 2nd warmest December on record (avg. temp 34.2°F)
  - 2015 remains the warmest December on record at Houghton Lake (35.3°F).
  - No record highs were set this month. Warmth was driven by nighttime lows running 9.8°F above the 30 year (1991-2020) climatological normals.

## Gaylord (Records 1951 - Present)

- 2nd warmest December on record (avg. temp 34.0°F)
  - 2015 remains the warmest December on record at Gaylord (35.0°F).
  - Daily record high: 53°F on 12/9. Previous: 52°F (1990)
  - Nighttime lows ran 12.9°F above the 30 year (1991-2020) climatological normals.
- **Least snowfall ever observed in December (7.9") since reliable records began in 1951.** Previous record for least December snowfall was 9.8" in December 2011.

## Traverse City (Records 1897 - Present)

- 2nd warmest December on record (avg. temp 37.7°F)
  - 2015 remains the warmest December on record at Traverse City (38.3°F).
  - Daily record high tied on Christmas Day: 58°F originally set in 1982.
  - Nighttime lows ran 8.9°F above the 30 year (1991-2020) climatological normals.