

# October 2022 Northern Michigan Climate Summary

## Alpena

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
47.9°F	+0.5°F	3.78"	+0.77"	0.4"	+0.0"

## Houghton Lake

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
47.2°F	+0.4°F	1.89"	-1.19"	T	-0.5"

## Sault Ste. Marie

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
47.3°F	+1.0°F	3.44"	-0.94"	2.3"	+0.6"

## Gaylord

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
47.8°F	+3.4°F	3.72"	-0.36"	0.6"	-1.9"

## Traverse City

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
50.2°F	+0.3°F	6.46"	+2.38"	0.1"	+0.0"

At the start of October, a dry airmass contributed to high temperatures swelling well above normal, while nighttime lows fell below average. The general rule was highs in the 60s and 70s and lows in the low-to-mid 30s. Another colder airmass intruded into the region after mid month, and was cold enough to bring the first instance of snowfall to the region. The period between October 17-21 was marked by damp days from a mix of rain and snow, with Sault Ste. Marie even seeing a day that had 2.1" of snow accumulation.

Eventually, the milder weather battled back and largely closed out the month. Because of the persistent milder air, temperatures wound up above normal for the month. In fact, most places observed a lower minimum temperature in September than at any point in October! Because of the lack of persistent colder air intrusions, (and despite the snowier period around mid-month), all climate sites came back below normal for snowfall in October 2022. Liquid equivalent precipitation varied across the region, with most spots near to slightly below normal, but well above normal precipitation across northwest lower Michigan owing to some heavier rounds of rain that focused there toward the end of the month.