

# February 2022 Northern Michigan Climate Summary

## Alpena

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
18.4°F	-2.3°F	1.21"	-0.31"	11.8"	-5.2"

## Houghton Lake

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
18.3°F	-2.0°F	1.01"	-0.40"	8.9"	-4.7"

## Sault Ste. Marie

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
14.2°F	-3.6°F	2.18"	+0.67"	30.7"	+10.0"

## Gaylord

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
17.2°F	+0.8°F	1.83"	-0.18"	14.3"	-12.1"

## Traverse City

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
22.8°F	-1.0°F	1.34"	-0.69"	16.7"	-4.7"

Much of February was dictated by near to slightly below normal temperatures. Most nights were not overwhelmingly cold until around mid-month. Valentine's Day was quite cold-hearted across the region, featuring widespread low temperatures in the teens and twenties below zero, including readings of -27°F observed in Grayling and Rudyard. Temperatures quickly spiked back above normal for a day on the 16th, with most places topping out in the 40s, and Traverse City even observed a high of 50°F! It was also on this day that some spots across the NWS Gaylord footprint observed rainfall. The combination of the high-moisture airmass and warmer temperatures led to some places losing snowpack, but this was quickly reversed at the end of the month. Following the mild day on the 16th, most places cooled back to or just below normal, and quick-moving systems moved through the region. The weather highlight of the month occurred on February 22nd when a strong low pressure system brought wintry precipitation to the region, including localized areas across interior northern lower Michigan that saw 0.25-0.50" of freezing rain. Then, a series of quick hitting systems brought a couple of 3-6" snowfalls across much of northern Michigan through the end of the month. Despite the snowy end to the month, the only climate site that featured above normal snowfall in February was Sault Ste. Marie. In a repeat trend from January, the only site that observed above normal liquid equivalent precipitation was also Sault Ste. Marie.