

September 2022 Northern Michigan Climate Summary

Alpena

Average Temperature	Average Temp Departure	Precipitation	Precipitation Departure
60.7°F	+1.7°F	1.41"	-1.43"

Houghton Lake

Average Temperature	Average Temp Departure	Precipitation	Precipitation Departure
59.6°F	+1.3°F	2.76"	+0.17"

Sault Ste. Marie

Average Temperature	Average Temp Departure	Precipitation	Precipitation Departure
59.4°F	+1.0°F	2.15"	-1.78"

Gaylord

Average Temperature	Average Temp Departure	Precipitation	Precipitation Departure
60.9°F	+4.0°F	2.32"	-1.42"

Traverse City

Average Temperature	Average Temp Departure	Precipitation	Precipitation Departure
63.9°F	+2.0°F	5.95"	+2.34"

The warmth and humidity carried into September, with Labor Day weekend starting out quite warm. A stalled stationary boundary orchestrated a round of heavy thunderstorms across northern lower Michigan during the early morning hours of September 3rd. Given the abnormally humid airmass, rainfall rates were torrential, particularly across Emmet County, where an inch of rain fell over an estimated fifteen minutes elapsed time in Harbor Springs. This torrential rain resulted in part of Bluff Drive (M-119) being washed out from erosion. Eventually, the frontal boundary cleared northern Michigan, leaving the area with a mild but dry airmass into mid-month. Several areas began to see low temperatures creep back into the lower 40s, with isolated interior spots seeing low temperatures in the upper 30s.

Eventually, more normal temperatures began to return to the region later in the month, with highs ranging from the mid 60s to low 70s, and overnight lows primarily in the upper 40s to low 50s. Eventually, a much colder airmass moved in at the end of the month, which first brought about an inaugural autumnal feel to the region as a cold and damp stretch commenced, followed by a much drier and cooler airmass bringing the first widespread frost and freezes to the region, with several interior areas seeing low temperatures in the mid 20s the last two nights of the month. Overall, temperatures ran above normal across the region, and precipitation was variably above or below normal, with some spots that saw above normal rainfall for the month being pushed over average by the rains on Labor Day weekend.