

July 2022 Northern Michigan Climate Summary

Alpena

Average Temperature	Average Temp Departure	Precipitation	Precipitation Departure
67.7°F	-0.5°F	1.95"	-1.25"

Houghton Lake

Average Temperature	Average Temp Departure	Precipitation	Precipitation Departure
68.2°F	+0.4°F	1.64"	-0.90"

Sault Ste. Marie

Average Temperature	Average Temp Departure	Precipitation	Precipitation Departure
64.9°F	-1.1°F	2.60"	-0.47"

Gaylord

Average Temperature	Average Temp Departure	Precipitation	Precipitation Departure
68.2°F	+2.2°F	2.40"	-0.69"

Traverse City

Average Temperature	Average Temp Departure	Precipitation	Precipitation Departure
71.9°F	+1.6°F	1.43"	-1.33"

July started off with a more typical summer airmass before a warm and muggy airmass built in for the 4th of July holiday, featuring highs well into the 80s and high humidity. While there was no instances of severe weather, a weak disturbance moved through late in the day bringing a widespread rain that was very rare across the region throughout the summer. Much of the rest of the month featured dry airmasses with the occasional intrusion of humid air, which largely led to another month of near average temperatures, driven again by warmer than normal days and cooler than normal nights. As a matter of fact, most places saw highs in the upper 70s and low 80s on July 3rd, but that warmth was offset by lows in the low-to-mid 40s, with some spots across the interior registering lows in the upper 30s! The warmest weather during July occurred just after mid-month, peaking when Traverse City reached a high of 96°F on July 23rd.

The dry airmasses that dominated the month also contributed to another month of largely below normal rainfall across the region, continuing the theme of a largely dry summer highlighted by “feast or famine” rain showers across northern Michigan.