

Summer 2024 Notes: Northern Michigan

- Most sites observed at least their 20th warmest meteorological summer on record.
 - With a high of 97°F on August 26th, Traverse City observed its warmest August calendar day in 23 years (last high of 97°F or higher in August was on August 8th, 2001).
 - This was also the warmest summertime high in Traverse City since June 30th, 2018 (98°F).
- Precipitation was generally near to above normal for the summer, though areas of northwest lower Michigan remained below normal for the summer.
 - August 2024 was below normal at all sites except Sault Ste. Marie.
- There were some instances of torrential rainfall and severe storms at times in Summer 2024.
 - Two tornadoes were confirmed across northern Michigan in June... an EF-0 in Crawford County on June 5th, and an EF-1 on the ground for 10 miles in Gladwin County on June 22nd.
 - Torrential rainfall occurred from slow moving storms across interior northern lower Michigan on July 29th. Portions of western Otsego and eastern Antrim counties were particularly hard hit, with several reports of flooding from 3-6" of rainfall in the course of a few hours.
 - A line of thunderstorms surged through the region on August 27th, leading to widespread downed trees and limbs, along with causing numerous power outages south of M-72.

Photo: Gravity waves create a unique sky at the NWS Gaylord office on June 23rd, 2024.

National Weather Service Gaylord, MI



Summer 2024 Temperature Summary

June through August 2024

Sault Ste. Marie

Avg. Temperature: 65.9°F

Deficit: +1.7°F

10th Warmest Summer

Warmest Temp: 91°F June 18th

Coldest Temp: 40°F June 11th

Alpena

Avg. Temperature: 67.7°F

Deficit: +1.7°F

T-8th Warmest Summer

Warmest Temp: 96°F June 19th

Coldest Temp: 41°F June 11th

Houghton Lake

Avg. Temperature: 66.9°F

Deficit: +1.1°F

Warmest Temp: 90°F June 17 & 19

Coldest Temp: 36°F June 11th

Gaylord

Avg. Temperature: 67.7°F

Deficit: +3.7°F

T-8th Warmest Summer

Warmest Temp: 93°F June 17th

Coldest Temp: 37°F June 11th

Pellston

Avg. Temperature: 66.3°F

Deficit: +2.1°F

14th Warmest Summer

Warmest Temp: 93°F June 18th

Coldest Temp: 35°F June 11th

Traverse City

Avg. Temperature: 70.1°F

Deficit: +1.7°F

15th Warmest Summer

Warmest Temp: 97°F August 26th

Coldest Temp: 40°F June 11th

Photo: Looking west across Lake Michigan on the evening of July 4th, 2024.

National Weather Service Gaylord, MI



Summer 2024 Rainfall Totals

June through August 2024

Sault Ste. Marie

Observed Precip: 11.81"

Anomaly: +2.70"

Wettest Day: 1.22" June 23rd

Alpena

Observed Precip: 13.01"

Anomaly: +3.98"

Wettest Day: 1.22" June 23rd

8th Wettest Summer

Houghton Lake

Observed Precip: 9.16"

Anomaly: +0.34"

Wettest Day: 1.35" June 22nd

Gaylord

Observed Precip: 11.00"

Anomaly: +1.35"

Wettest Day: 1.50" June 22nd

Traverse City

Observed Precip: 8.02"

Anomaly: -0.87"

Wettest Day: 1.23" June 22nd

Photo: A storm passes just south of the NWS Gaylord office on July 8th, 2024. Several storms occurred that day, with wind damage occurring on the south end of Otsego Lake.

Note- precipitation data not available for Pellston

National Weather Service Gaylord, MI

