

Climate Change in Huron County

EXTREME WEATHER

Extreme Rainfall Events

Rain events are projected to become more intense and frequent in Huron County. This could result in more floods.



Snow Storms

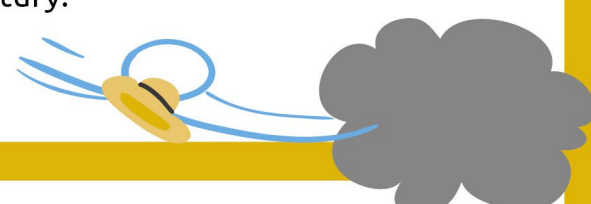
A reduction in lake ice in combination with rising temperatures is projected to increase lake-effect snow storms in Huron County.

Ice Storms

Ice storms are projected to worsen in Huron County as winter temperatures become warmer and snow turns to rain.

Wind Gust Events

Wind gust events are projected to become stronger by the end of the century.



TEMPERATURE

Annual Average Temperatures

Temperatures are projected to increase significantly in Huron County, and could double by the end of the century.

Historic	2020s	2050s	2080s
8°C	8°C	11°C	13°C

Wettest Day of the Year

The amount of precipitation on a single day is projected to increase.

Historic	2020s	2050s	2080s
38 mm	+3%	+8%	+18%

Annual Total Precipitation

Precipitation is projected to rise in Huron County.

Historic	2020s	2050s	2080s
978 mm	+4%	+7%	+11%

Heat Waves Per Year

Heat waves occur when high temperatures (+30°C) last for 3 or more days. The number of heat waves in a year, is projected to increase in Huron County.

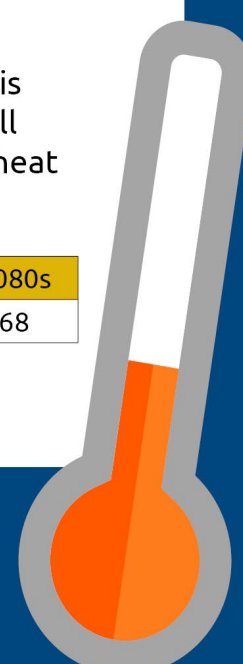
Historic	2020s	2050s	2080s
1	3	5	7

Very Hot Days (+30°C)

The number of very hot days is projected to increase. This will contribute to more extreme heat events in Huron County.

Historic	2020s	2050s	2080s
10	20	41	68

Climate Change data from 2019
Historic Climate Trends & Future Projections in Huron County



By 2050, Huron County will be experiencing:

Extreme Weather



Extreme Temperatures



Higher Precipitation & Flooding



Which can result in a variety of emergencies for Huron residents, including:

Power Outages

Ice storms, tornadoes, and many other extreme weather events can cause mass power outages across the region. Large-scale power outages can take several days for emergency workers to restore.

Damage to Property

Damage to property and local infrastructure is highly possible when extreme weather or flooding occurs, causing costly repairs, debris, and dangerous situations.



Loss of Agricultural Production

High precipitation and flooding can significantly impact agricultural land and farm property for a number of days.



Impacts to Human Health

Extreme temperatures can mean temperature and humidex levels are very high for several days or more. This can cause heat-related illnesses, and even medical emergencies such as heat stroke.



Be Prepared for Extreme Weather:

TORNADO

Tornadoes are violently rotating columns of air that can destroy buildings and cause significant injury or death.

Action: Take shelter immediately in a sturdy structure.



EXTREME HEAT

Extreme heat can cause heat-related illnesses, including heat stroke.

Action: Move to a cool place and drink liquids.

+30 C

HEAVY RAIN

Heavy rain can cause flash flooding.

Action: Avoid rising creeks and water covered roads.



STRONG WIND

Strong wind can knock over trees and damage buildings.

Action: Move indoors away from windows.



LIGHTENING

Lightening strikes can cause significant injury or death.

Action: Move indoors if you hear thunder.



LARGE HAIL

Hail can damage vehicles, crops, buildings, and cause injuries.

Action: Move indoors away from windows.



Three Steps for Emergency Preparedness:

1. Know the Risks



2. Make a Plan



3. Build a Kit



All Huron County residents should prepare for emergency events, such as severe weather.

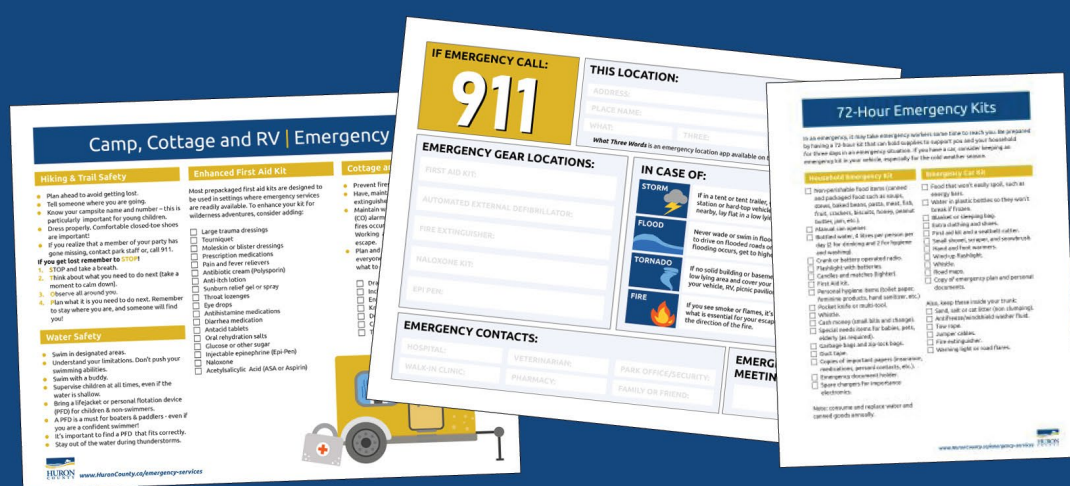
For more information about Climate Change:

[HuronCounty.ca/
climate-change-energy](https://www.huroncounty.ca/climate-change-energy)

For more information about Emergency Preparedness:

[HuronCounty.ca/
emergency-services](https://www.huroncounty.ca/emergency-services)

Get Prepared with resources found on
[HuronCounty.ca/
emergency-services](https://www.huroncounty.ca/emergency-services)



Climate Change & Emergency Preparedness
www.huroncounty.ca

