

ONTARIO RESOURCE CENTRE FOR CLIMATE ADAPTATION

Weather and Climate Websites

Extreme Heat

- [Environment and Climate Change Canada Latest Heat Warnings for Ontario](#)

Wildfires

- [Fire weather Maps](#)
- [Fire Behavior Maps](#)
- [Fire M3 Hotspots](#)
- [National Interagency Fire Center Maps](#)
- [Ontario Wildfire Map](#)
- [Ontario Forest Fire Update](#)
- [Parks Canada: Fire Updates and fire management across the country](#)
- [Canadian Interagency Forest Fire Centre](#): A current National Situation Report is published daily from early May until end of August weekly and as required in April and September providing a snapshot of fire activity from the previous calendar day along with cumulative totals for the season.

Wildfire Smoke/Air Quality

- [FireSmoke – Current forecasts](#)
- [FireSmoke – Current Smoke Map](#)
- [Canada’s Wildfire Smoke Prediction System \(FireWork\):](#)
- [Ontario Air Quality Health Index](#)
- [Government of Ontario Interactive Fire Map](#)
- [WeatherCAN: How to set up custom Air Quality Health Index \(AQHI\) notifications](#)
- [FireSmoke - Current Smoke Map](#)

Water Quality

- [Parks Ontario: Alerts in Parks](#)
- **Ontario beach water quality updates:** Dial 2-1-1 to check beach status reports by telephone 24 hours a day, seven days a week.
- For **water use advisories** and information on health risks associated with cyanotoxins, contact your [local public health unit](#).
- [Raw Water Chemicals Map](#)
- [Provincial Groundwater Monitoring Network Map](#)

Drought

- [Canadian Drought Monitor](#)
- [Current drought conditions](#)
- [Canadian Drought Outlook](#)
- [Confirmed low water conditions in Ontario](#)
- **Local Drought information:** Your local conservation authority in partnership with the Ministry of Natural Resources and Forestry helps in the coordination and support of local response in the event of a drought as part of the [Ontario Low Water Response Program](#).

Floods

- [New! Coastal Flooding Prediction and Alerting Program](#)
- [Current Flood information - Ontario](#)
- **Local Flood Information** Your local Conservation Authority is responsible for local flood messaging.
- If you live in a community that is not serviced by a conservation authority, any flood watches or flood warnings in your area are issued by the nearest Ministry of Natural Resources and Forestry district office.

Other key links

- [Seasonal forecast for Canada](#)
- **Warnings, Watches and Statements:** This [table](#) displays all active alerts for Canada, with the ability to view alerts by province or territory and searching by alert name, alert type or forecast location.
- [Weather alerts 24/7 from Environment and Climate Change Canada:](#) Track lightning and hurricanes.
- [Hurricane Track](#)
- [Canadian Lightning Danger Map - Canada](#)
- [Recent weather summaries](#)
- **Find Climate Data:**
- [Climate Atlas of Canada](#) is an interactive tool for citizens, researchers, businesses, and community and political leaders to learn about climate change in Canada. It combines climate science, mapping, videography, and storytelling to bring the global issue of climate change closer to home, and is designed to inspire local, regional, and national action and solutions.
- [National Climate Data and Information Archive:](#) Access historical weather, climate data, and related information for numerous locations across Canada.
- [ClimateData.ca:](#) Access, visualize, and analyze climate data, along with related information and tools to support adaptation planning and decision-making.