

# Significant Weather Outlook Graphical Products

## Overview

The Significant Weather Outlooks depict expected weather hazard information for certain geographic areas of Canada and are issued year-round, as needed by Storm Prediction Centres, dictated by region-specific requirements.

Forecasters may issue Significant Weather Outlooks for 24-hour time periods, valid from midnight to midnight local time, from Day 1 (current day) to Day 7.

Significant Weather Outlooks are not amended or updated with active severe weather alert information. Users are asked to check with the latest watches and warnings for the most current conditions.

## Data Location

The graphical product can be accessed at:

[https://hpfx.collab.science.gc.ca/\[YYYYMMDD\]/significant\\_weather\\_outlooks/\[ASPC, OSPC, PASPC, PSPC, QSPC\]](https://hpfx.collab.science.gc.ca/[YYYYMMDD]/significant_weather_outlooks/[ASPC, OSPC, PASPC, PSPC, QSPC])

where:

- YYYYMMDD: represents the date of interest
- ASPC,OSPC,PASPC,PSPC,QSPC: represents the storm prediction centres that issue the graphics

## File name nomenclature

File names have the form:

Weather-[SPC-CODE]-[REGION]-[issued\_datetime]-[valid\_datetime minus publication\_datetime]-cor\_v[amendment].png

where:

- [SPC-CODE]: Storm Prediction Centre code (ASPC,OSPC,PASPC,PSPC,QSPC)
- [REGION]: geographical coverage of the product
- [issued\_datetime]: date & time stamp of the issue date, represented by YYYYMMDDHHHH
- [valid\_datetime minus publication\_datetime]: represented by HHHMM; for example, 03600 means there are 36 hours between the publication\_datetime and the valid\_datetime.

- [amendment]: number of publishes after the first publish

Times are in UTC

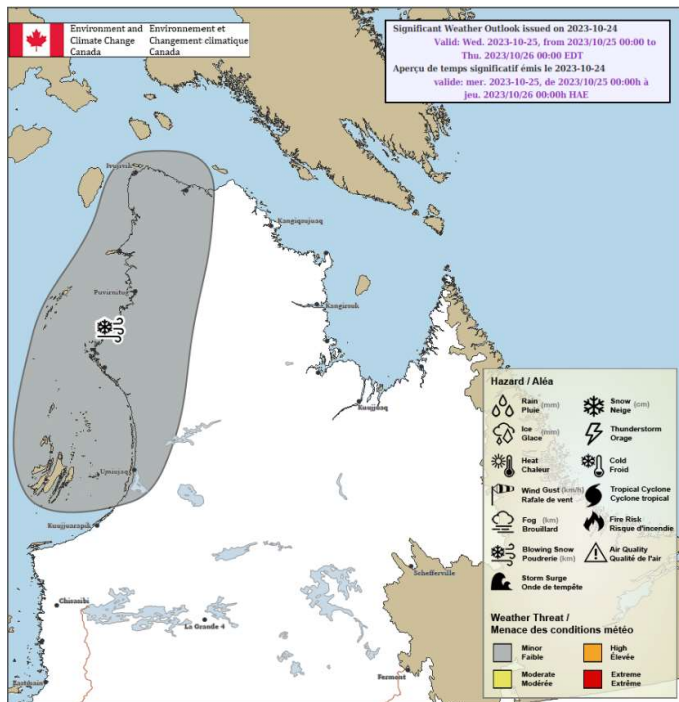
Examples:

- Weather-QSPC-2\_QC\_N-202310241200-03600-cor\_v0.png
- Weather-OSPC-1\_OSPC-202310241200-06000-cor\_v0.png

## Content of Files (Graphical Product)

The graphical product is a raster image showing the geographical areas affected by various hazards.

Example:



## Image

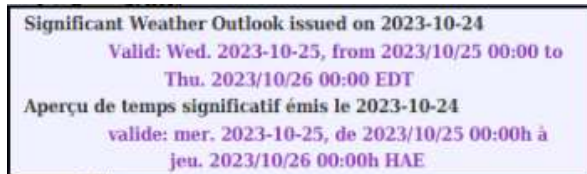
- Geographical coverage of the image is based on REGION. Forecast coverage area is indicated by white regions and areas outside of the coverage area are beige.
- Each polygon or sectioned polygon corresponds to a hazard or combination of hazards and the colour matches the severity as defined in the legend.
- Forecasters can add textboxes to the map that contain additional hazard information, as needed.

## Title Block

Contains the following information:

- [Product Name] issued on/émis le [YYYY-MM-DD] [Time]
- Valid/valide: [Abbreviated Day of Week] [YYYY-MM-DD], from [YYYY-MM-DD] [Time] to/à [Abbreviated Day of Week] [YYYY-MM-DD] [Time] [Time Zone]

Example:



## Legend

Contains the following information:

- Hazard / Aléa
  - hazard icons
  - hazard names
  - unit, if applicable
- Weather Threat / Menace des conditions météo
  - Minor / Faible – Grey
  - Moderate / Modérée – Yellow
  - High / Élevée – Orange
  - Extreme / Extrême – Red

Example:



## Support

If you have any questions about this data, please contact us using [Contact Us - Environment Canada](https://www.canada.ca/en/environment-canada/contact-us.html) ([weather.gc.ca](https://weather.gc.ca)).