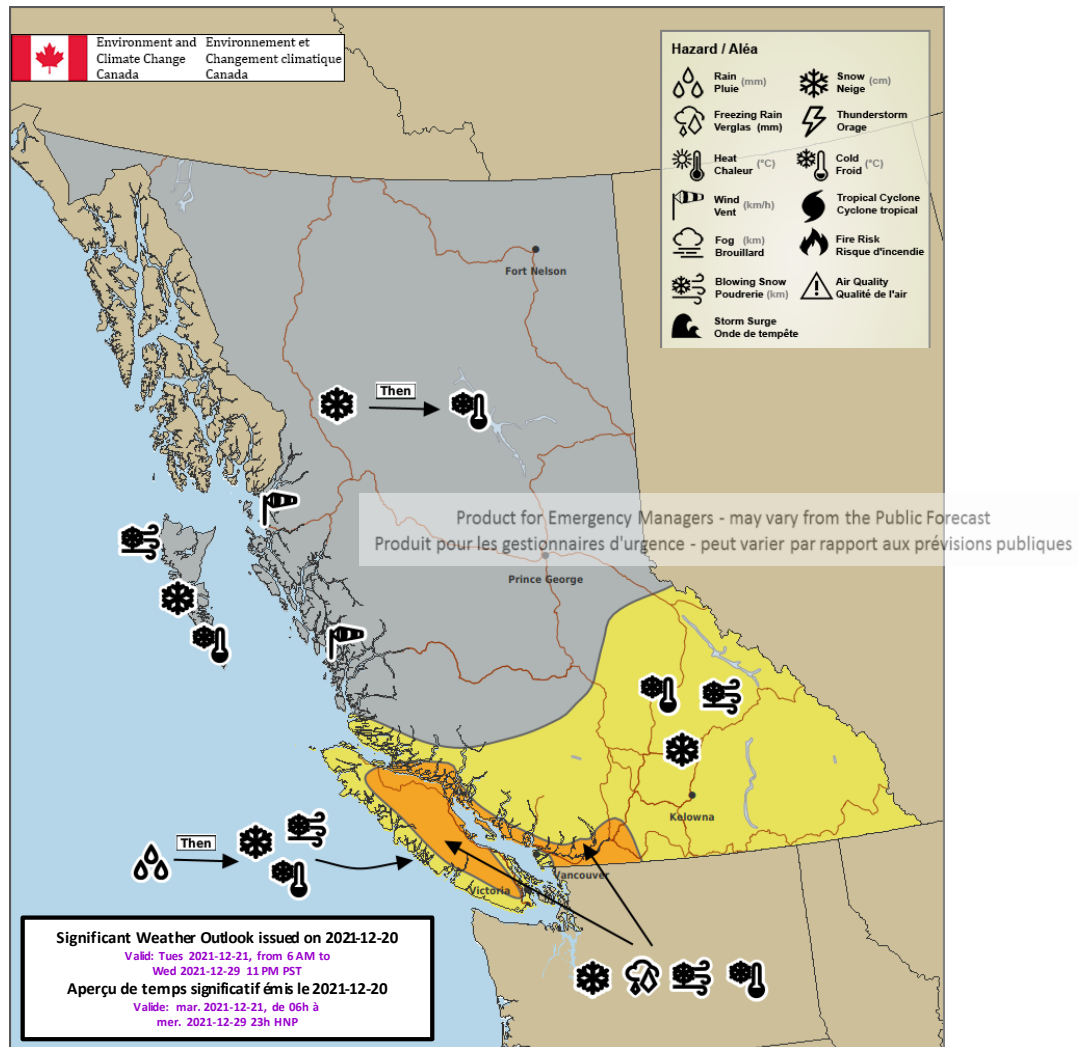




Multiple Strong Winter Storms

Event Duration: Tuesday December 21st to Wednesday December 29th, 2021



Risk				
High				
Moderate	✓	✓		✓
Low				
Very Low				
Impact (Known Vulnerability & Exposure)				

Impacts

- Multiple storms will impact the transportation system across BC with snow, blowing snow and freezing rain at times over the next week and a half.
- Very cold air will spread through BC beginning around Christmas Day impacting travellers and vulnerable populations.
- Freezing spray through north and central coastal inlets will impact marine traffic



Certainty

- **Pattern: HIGH.** Very cold Arctic air will collide with two or three storms over the holiday season.
- **Freezing rain: MODERATE.** Conditions are set up for patchy to widespread freezing rain over Vancouver Island, the Sunshine Coast and Lower Mainland Tuesday and Wednesday, however, our certainty in its intensity and duration is low.
- **Impacts: HIGH.** Transportation will be the most affected with many parts of the province seeing difficult commuting weather during the holiday travel season.

Key Points

- Cold Arctic air is forecast to collide with Pacific air at least two or three times in the next week and a half.
- The transportation sector will be highly impacted during the busy holiday travel season.
- The first storm is forecast to affect the Lower Mainland and Southwest Interior with snow and possible freezing rain on Tuesday and Wednesday.
- The second storm will affect the area again on Christmas Eve and Christmas Day. This one will bring more snow and blowing snow to the Southern Interior and Coast including much of Vancouver Island.
- Very cold Arctic air will move into the Interior following this second storm around Christmas Day (northern BC) and Boxing Day (southern BC). Strong to very strong Arctic outflow winds will develop through coastal Inlets as temperatures plummet this weekend.
- Hazardous cold and wind chill will develop with the advancing very cold Arctic air.
- There is a possible third colder and more intense system for early to mid next week (between Boxing Day and New Years).

Next Update/WebEx

- This WN will be updated as necessary.

Long Range Forecast – For BC

Subsequent weather notifications will be issued as needed

Thursday December 30	Friday December 31	Saturday January 1
uncertain	uncertain	uncertain



Additional Information

- Please monitor current weather forecasts and alerts:

http://weather.gc.ca/canada_e.html

http://weather.gc.ca/warnings/index_e.html

- Please consult the following websites for further information:

Drive BC: www.drivebc.ca

Mountain Weather Forecast: www.avalanche.ca/weather

Avalanche Canada Bulletins: <https://www.avalanche.ca/en/map>

BC Hydro Outages: <https://www.bchydro.com/power-outages/app/outage-map.html>

Fortis Outages: <https://outages.fortisbc.com/Outages/Home/OutageMap>