



The Parish of St. Mary York

# Faith in Action

*Building hope for tomorrow in the face of climate change*

## Climate Change: Up Close and Personal

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Our local climate is not immune from the pressures of a changing climate. It already has made changes in our Fredericton climate, and these changes will continue:

- Wetter springs and winters<sup>11</sup> – we can expect an average 12% increase in precipitation
- Warmer summers (a lot warmer!):
  - The number of days with the temperature 30°C or higher is expected increase from approximately 8 per year to as many as 63 per year!
  - The number of nights with the temperature 20°C or higher is expected to increase from an average of 1 per year to as high as 30 per year!
- Extended growing season:
  - We can expect an increase from 141 days up to 213 days
- Increase in the frequency of severe weather events such as heavy rainfall, snowfall, freezing rain, and wind
- Increased pressure on urban infrastructure to mitigate urban flooding due to heavy rainfall
- Even with an increase in average temperature and longer summers, we will still require our reliable snow blowers, as snowstorms are likely to be more severe.

Canada and Fredericton have both been truly blessed with what God has provided us. As caretakers of the Lord's creation, it is up to each and every one of us to do our share to manage "this home" that he has provided.



<sup>1</sup> Climate Atlas of Canada <https://climateatlas.ca/>