



Climate Resilient Grey:

Grey County's Climate Change Adaptation Plan



Preparing today to protect tomorrow

Temperature

Trends	Recent Past (1971 - 2000)	Future (2051 - 2080)
Average temperatures projected to increase annually and in every season	6.7°C	11.4°C
More extreme heat days (above 30°C)	5 days	38 days
Significantly less very cold days (below -15°C)	22 days	2 days



Precipitation

Trends	Recent Past (1971 - 2000)	Future (2051 - 2080)
Precipitation will increase annually and, in all seasons	998 mm	1128 mm
Most significant increase in winter precipitation	294 mm	359 mm

Extreme Weather

Trends	Recent Past (1971 - 2000)	Future (2051 - 2080)
Higher max 1-day precipitation (i.e., wettest day of the year)	40 mm	47 mm
Heavier precipitation (more than 10 mm)	28 days	34 days
Longer drought (max. consecutive dry days)	14 days	15 days



Growing Season

Trend	Recent Past (1971 - 2000)	Future (2051 - 2080)
Longer growing season, but also drought, soil erosion and nutrient loss	164 days	212 days

For more detailed climate change projections for Grey County, visit grey.ca/climate-action

Data based on climate projections for Owen Sound, Scenario: High emissions scenario ("business as usual"), SSP5-8.5, Source: [ClimateData.ca](https://climatedata.ca)