

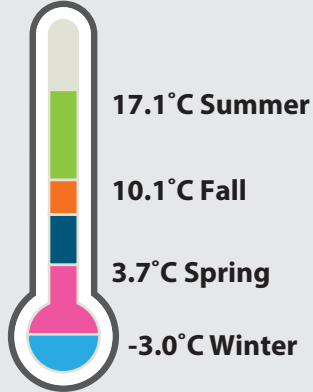
CLIMATE TRENDS FOR DURHAM REGION

UNDER THE CURRENT
PACE OF GREENHOUSE
GAS EMISSIONS

MEAN TEMPERATURE

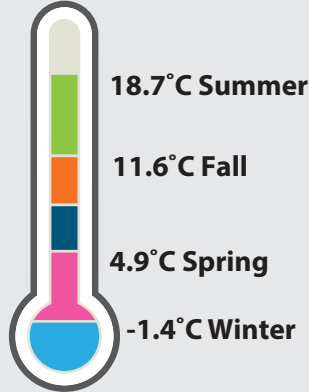
By the end of the century, Durham Region is expected to warm by 5°C, leading to more variable and extreme weather

1971-2000



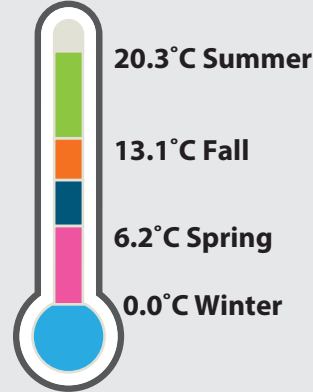
7.1°C ANNUAL

2011-2040



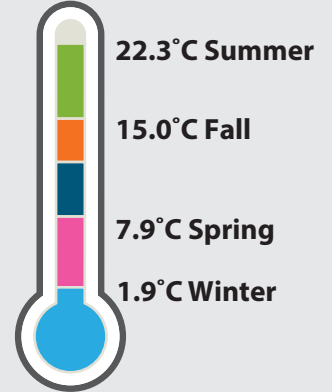
8.6°C ANNUAL

2041-2070



10.1°C ANNUAL

2071-2100



12.1°C ANNUAL

DAYS ABOVE 30°C



A 6-fold increase in the number of extreme heat days is expected by the end of the century, which will pose significant risks to people's health and well-being

DAYS BELOW -20°C



As winters become warmer, less snow and ice conditions are expected with more precipitation falling as rain instead of snow, which increases the risk of flooding among other impacts

ANNUAL PRECIPITATION

Measured in millimetres (mm)

Storms are expected to become more frequent and intense, including the number of extreme precipitation days which increases the risk of hazardous conditions and property damage

1971-2000

952.4

2011-2040

1,075.0

2041-2070

1,117.5

2071-2100

1,231.6