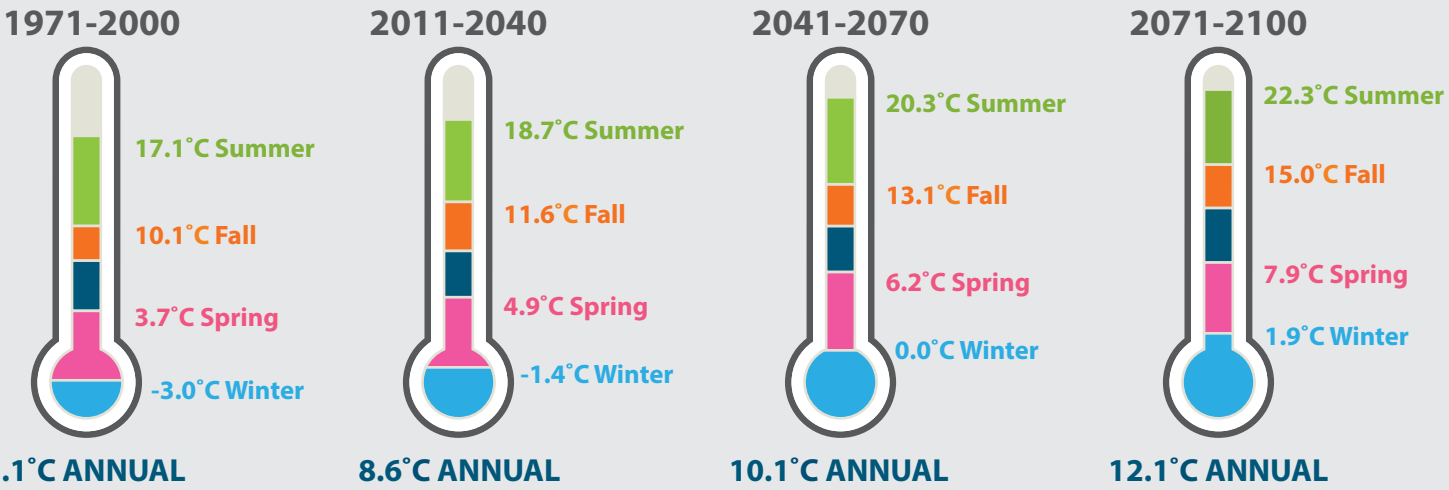
CLIMATE TRENDS FOR DURHAM REGION

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



DAYS ABOVE 30°C

1971-2000	2011-2040	2041-2070	2071-2100
7.6	15.9	27.4	46.9

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

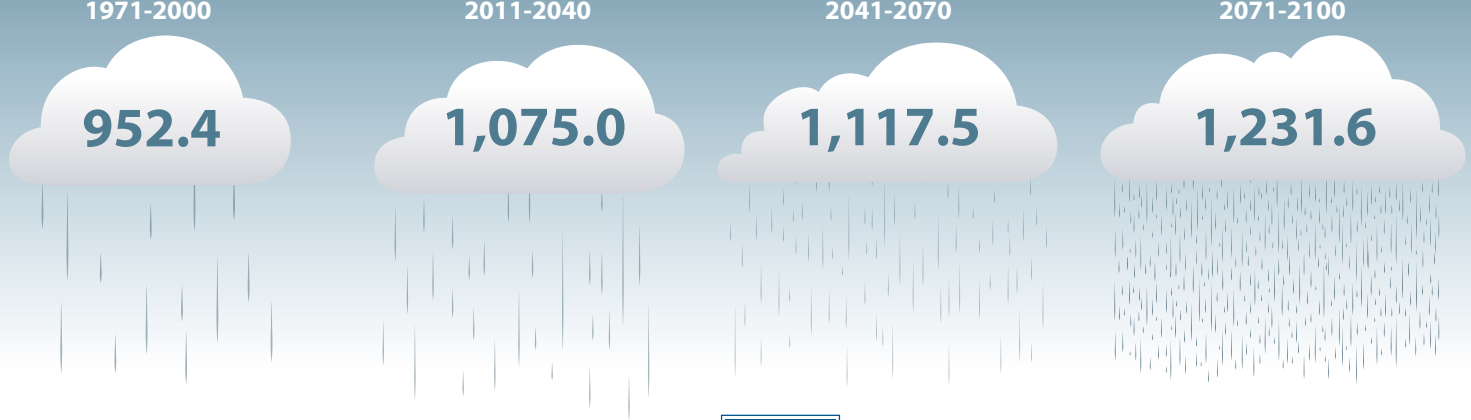
1971-2000	2011-2040	2041-2070	2071-2100
8.6	4.2	2.3	0.5

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



ONTARIO CLIMATE CONSORTIUM

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DURHAM REGION

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