



Drought

Projections from global climate models can tell us what changes we might expect in the future as a result of climate change. These projections are based on a “business as usual” high emissions scenario, and show median values for expected conditions for the 2050s, relative to the baseline period of 1981-2010.

By the 2050s, Vancouver can expect

decreasing summer rainfall



A 4% decrease in average summer rainfall, to 140mm

longer rain-free dry spells



The length of an average dry spell will increase by 17% to 27 days

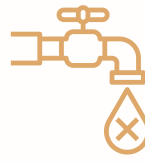
Drought has many impacts



Increased stress on trees and vegetation



Higher risk of wildfires in urban forests and greenspace



More frequent residential watering restrictions



Low stream levels endangering spawning fish

Vancouver is taking action

We're building a more resilient, equitable, and healthy city through our Climate Change Adaptation Strategy



Accelerating the installation of residential water meters



Exploring alternatives to drinking water for uses like irrigation



Piloting more climate-adapted tree species on public land