Calgary

Is your home and property climate ready?

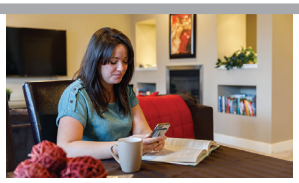
Prepare your home for **extreme heat**

Calgary's temperatures are increasing and will continue to rise due to climate change. High heat days (temperatures reaching 29°C or higher) are projected to increase from our current average of six days per year to an average of 28 days per year by the 2050s. Our hottest days will become hotter than what we have experienced in the past. Extreme heat can make our indoor living environments uncomfortable or unbearable, and can have serious impacts on our health. This resource highlights some of the top actions that Calgarians can take at home to prepare for extreme heat.

Check out **calgary.ca/climatereadyhome** to learn more about reducing climate change risk at home.

Basic home protection actions (low cost)

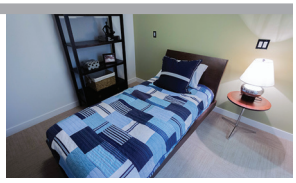
Help vulnerable neighbours, family and friends prepare, and arrange to check on them during heat events.



Register for heat alerts on your phone (e.g., by using the WeatherCan app).

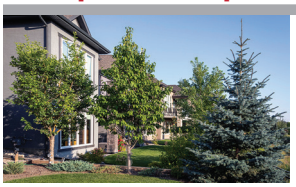
Learn how to best use windows and doors to naturally ventilate your home, particularly at night.

Choose energy efficient appliances that produce less waste heat. During heat waves, prepare meals that don't need to be heated as this can heat up your home

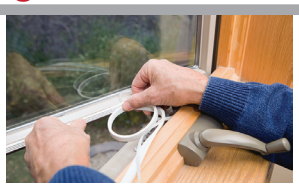


Work and sleep in cooler rooms, such as the basement, provided the rooms meet safety code requirements for access egress.

Complete simple upgrades (medium cost)

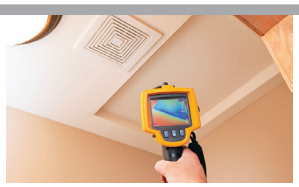


Plant and maintain deciduous trees, especially along south facing walls.



Improve air tightness of your home by installing or replacing old weather stripping around doors and windows that open.

Manage solar heat gain by installing heat-resistant curtains, blinds, or awnings on your windows.



Consider getting a home energy audit/label to see where you can improve the insulative value of your home. Visit calgary.ca/energylabel to learn more.

Use ceiling fans or free-standing portable fans.

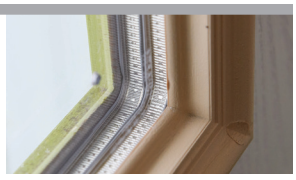
Complete more complex upgrades (high cost)

Consider installing a heat pump. Heat pumps not only provide heating in the winter, they are also a relatively energy efficient way to cool your home in the hotter months.

Convert paved areas to vegetation, which absorbs less heat and more water. If re-doing your roof, consider installing a vegetated or light coloured roof which absorbs less heat

Add or improve your roof/ attic insulation to keep your home cool.

Consider installing an additional layer of exterior wall insulation to improve the thermal comforts of your home. Be sure to have your wall designed by a professional to prevent moisture issues.



Consider replacing windows with double glazed low-E glazing to increase insulation and UV protection. Energy efficient windows will significantly cut down on solar heat gain.

For more information on disaster preparedness and creating an emergency action plan, visit **calgary.ca/getready**

Prepared in partnership with: INTACT CENTRE ON CLIMATE ADAPTATION | UNIVERSITY OF WATERLOO

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