

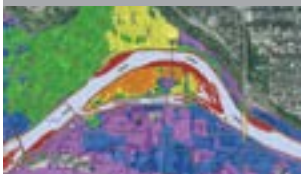
Protect your home from **flood and heavy rain**



River flooding and heavy rain events are happening more often with climate change. Most homes are at risk of flooding, not only those near the river. Flooding can be caused by higher river levels and/or heavy rainfall, and can lead to water spreading rapidly over land, seeping through the ground and into basements, overflowing from stormwater drains, or sewage backing up through basement drains, sinks, and toilets. This resource highlights some of the top actions that Calgarians can take to protect their homes and properties from flood impacts.

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

Basic home protection actions (\$0)



Understand your river flood risk by reviewing Calgary's flood maps.

Visit maps.calgary.ca/riverflooding



Clear leaves and debris from your eavestroughs to reduce excessive rainwater from running down the sides of your house and seeping into your basement.



Review your insurance policy annually and learn about your eligibility for flood and/or water damage insurance.



If you have a sump pump and/or backflow prevention device, check they are working and clean them every spring.



Park vehicles on higher ground during periods of flood risk or heavy rain, if in underground parking or low-lying area.

Complete simple upgrades (under \$250)



If you have window wells, install protective covers to prevent rain from collecting (ensure fire safety requirements are met).



Extend downspouts and sump discharge pipes onto lawn or green surface, away from your neighbour's home.



Protect your belongings and hazardous materials in watertight containers or store in above grade locations.



Install and maintain water alarms to detect the presence of water in locations where water should not be; e.g., near your washing machine.



Seal cracks in foundation walls and basement floors. Ask for products at your local hardware store.

Complete more complex upgrades (over \$250)



Install window wells so the tops sit 10-15 cm above ground and upgrade to water resistant windows.



Upgrade your landscaping: rain gardens, proper lot grading, earth berms can all reduce your flood risk.

Learn more at calgary.ca/YardSmart



Install and maintain a backflow prevention device on your sewer pipe to help protect your home from sewage backups.



Install and maintain a sump pump with a backup power supply, and/or consider adding a backup or second pump, battery or generator.



Elevate your utilities (e.g., furnace, hot water tank) by installing them on a raised platform or building a utility room on a higher floor.