

Understanding flood maps

Transcript

[music]

Narrator: Rain, storms and floods are a natural part of our weather cycle. But with climate change causing more unpredictable weather and our city growing, we're facing more challenges than ever before.

We now have the technology to do more sophisticated flood modelling more regularly, which will provide us with information to help us better prepare for floods.

We understand that flood risk information can be concerning. To understand our new flood maps, here are the main things you need to know.

[On-screen text: Current Flood Scenario: Used for emergency planning]

[On-screen text: Flood Extent: How far water will reach]

The current flood scenario reflects our best understanding of the flood extent based on the information we have today.

[On-screen text: 2100 Scenario: Used for planning and development decisions]

The 2100 scenario shows projected flood extents in the year 2100, taking into consideration the impact of climate change.

[On-screen text: 1% Annual Exceedance Probability (AEP)]

These scenarios are based on a flood event that has a 1% chance of occurring in any given year.

[On-screen text: Flood level: Measured in metres from sea level, known as Australian Height Datum (AHD)]

Flood level refers to the maximum height flood waters may reach.

[An illustration of a house with flood waters points out maximum flood level (m AHD), ground level and sea level (AHD)]

Flood depth is measured from the ground level of a property, and can vary considerably depending on the surface or terrain of the property.

[The illustration adds minimum flood depth, maximum flood depth]

Knowing the depth can help you take steps to reduce damage to your home, vehicle or personal belongings.

For more information on the new flood maps, what they mean for you and what steps you can take to be flood ready, visit our website.

[An illustrated checklist with the title "What you can do?" shows the steps to prepare for floods: Know your flood risk, sign up to alerts and warnings, create a business flood plan, create an emergency plan, pack an emergency kit, keep your property maintained and check home and contents insurance]

[Melbourne Water logo]

[On-screen text: melbournewater.com.au]

[End transcript]