



Local Flood Guide

Ormond to Bentleigh East

Understand, prepare, and respond effectively to your flood risk.

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Victorian State Emergency Service acknowledges Aboriginal Traditional Owners of Country throughout Victoria and pays respect to their cultures and Elders past and present.

Disclaimer: Victoria State Emergency Service assumes no responsibility or liability for any errors or omissions for any of the content in this document.

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For more information visit: ses.vic.gov.au/plan-and-stay-safe

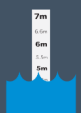
Local flood information

Suburbs within the Ormond to Bentleigh East area that are most likely to be impacted during a flood event are:

- McKinnon
- Ormond
- Bentleigh
- Bentleigh East



In January 2022 a rainfall event recorded 40mm of rain within 1 hour resulting in the Elsternwick Main Drain swelling up to 2.73m at the Head street Gauge.



Average rainfall of more than 20mm in 1 hour or so may lead to flash flooding in the Glen Eira area.



Flooding can happen within hours, giving people little to no time to prepare and take action.

Why does Ormond to Bentleigh East area flood?

Heavy rainfall can cause **flash flooding**. This can happen quickly and you may not receive an official warning. Although these floods only last short time, they can cause severe damage.

- Stormwater drainage may not be able to drain the amount of rainfall causing them to overflow.
- The ground may be unable to absorb the amount of rainfall naturally causing the water to pool
- In an average year there is a 20% chance of a flood overwhelming the capacity of drains in Glen Eira



How do floods impact communities?

Even if your home or workplace stays dry, floods can impact you in many ways.



Buildings flooded



Road closures



Drinking water supply and quality affected



Power outages



Mobile and internet network outage



Sewage overflows inside building

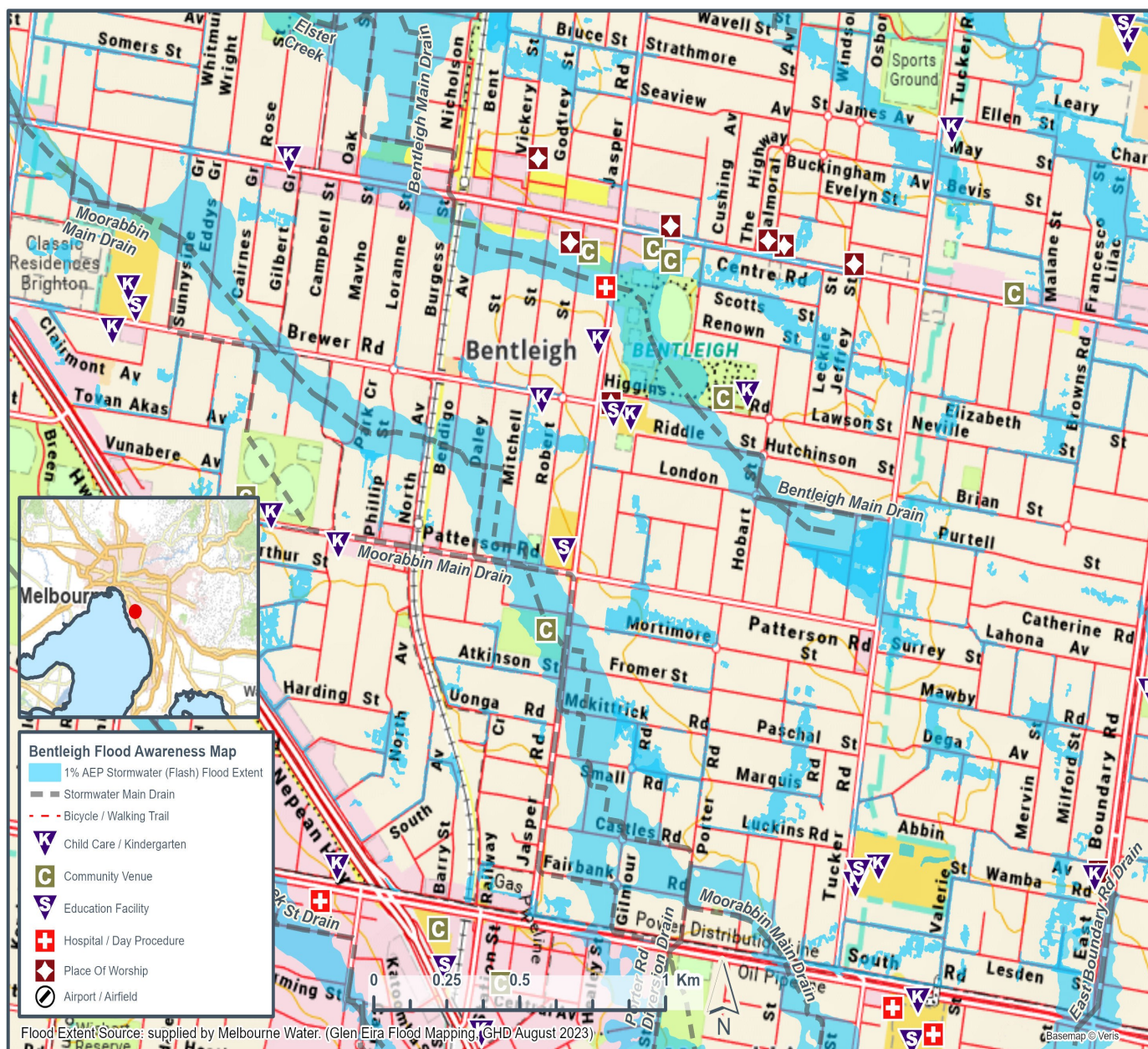
If the following maps show potential flood risk for you, ensure you take action to **plan and prepare for floods**. See page 11 for more information.

- ## Ormond and McKinnon



Bentleigh

- The following map shows the area likely to flood in a significant flood event.
- This is referred to as a 1% Annual Exceedance Probability (AEP), which means there is a 1% chance of this size flood (or greater) happening in any year.



Bentleigh East

- The following map shows the area likely to flood in a significant flood event.
- This is referred to as a 1% Annual Exceedance Probability (AEP), which means there is a 1% chance of this size flood (or greater) happening in any year.



What Roads are likely to flood?

During a flood, the roads and areas listed below may flood and could be closed.

For current road closures, check [VicTraffic](#).

Ormond and McKinnon

- | | | |
|---------------------|---------------------|------------------------|
| ■ Alison Street | ■ Graham Avenue | ■ Penang Street |
| ■ Beech Street | ■ Hall Street | ■ Prince Edward Avenue |
| ■ Brennan Street | ■ Hawthorne Grove | ■ Queen Street |
| ■ Cadby Avenue | ■ Hopkins Street | ■ Station Avenue |
| ■ Carcoola Court | ■ Jasper Road | ■ Stewart Street |
| ■ Carlton Street | ■ Katandra Road | ■ Thompson Street |
| ■ Carlyon Street | ■ Lees Street | ■ Tyrone Street |
| ■ Crozier Court | ■ Leinster Street | ■ Valkstone Street |
| ■ Dalmor Avenue | ■ Lindsay Street | ■ Wattle Grove |
| ■ Draper Street | ■ Malane Street | ■ Wheatley Road |
| ■ Elm Grove | ■ Malcolm Street | ■ Wheeler Street |
| ■ Exhibition Street | ■ Mckinnon Road | ■ Whitmuir Road |
| ■ Fitzroy Street | ■ Murray Road | ■ Wicklow Street |
| ■ Foch Street | ■ North Road | |
| ■ Glen Orme Avenue | ■ Oakleigh Crescent | |



What roads are likely to flood?

During a flood, the roads and areas listed below may flood and could be closed.

For current road closures, check [VicTraffic](#).

Bentleigh

- | | | |
|---------------------|--------------------|--------------------|
| ■ Auckland Street | ■ Fairbank Road | ■ Osbourne Avenue |
| ■ Balmoral Avenue | ■ Fromer Street | ■ Park Crescent |
| ■ Bendigo Avenue | ■ Gilbert Grove | ■ Pascoe Avenue |
| ■ Blair Street | ■ Higgins Road | ■ Patterson Road |
| ■ Brennan Street | ■ Hobart Street | ■ Phillip Street |
| ■ Brewer Road | ■ Jasper Road | ■ Pleasance Street |
| ■ Castles Road | ■ London Street | ■ Porter Road |
| ■ Charlton Street | ■ Marriot Road | ■ Riddle Street |
| ■ Clapperton Street | ■ McKittrick Road | ■ Robert Street |
| ■ Daley Street | ■ Mitchell Street | ■ Rosina Street |
| ■ Deihi Street | ■ Montreal Street | ■ Small Road |
| ■ Dulcie Grove | ■ Mortimore Street | ■ Sunnyside Grove |
| ■ Durban Street | ■ North Avenue | ■ Wheatley Road |
| ■ Eddys Grove | ■ Oak Street | |



Stay safe by never driving through floodwater. It can take just 15cm of flowing water to float a car, that's the height of an average pen.

What roads are likely to flood?

During a flood, the roads and areas listed below may flood and could be closed.

For current road closures, check [VicTraffic](#).

Bentleigh East

- | | | |
|----------------------|----------------------|---------------------|
| ■ Bignell Road | ■ Hillary Grove | ■ Pasadena Crescent |
| ■ Bovec Court | ■ Hilton Court | ■ Pell Street |
| ■ Bradford Street | ■ Huntingdon Road | ■ Preston Street |
| ■ Brady Road | ■ Joy Street | ■ Purtell Street |
| ■ Brian Street | ■ Kardir Street | ■ Rowan Avenue |
| ■ Brosnan Road | ■ Leary Avenue | ■ Rudyard Street |
| ■ Carey Street | ■ Lilac Street | ■ Shrewsbury Street |
| ■ Charles Street | ■ Majdal Street | ■ South Road |
| ■ Claude Street | ■ Malane Street | ■ St Georges Avenue |
| ■ Dega Avenue | ■ Marlborough Street | ■ St James Avenue |
| ■ Dromana Avenue | ■ Matthews Road | ■ Tasman Road |
| ■ East Boundary Road | ■ Mawby Road | ■ Thana Street |
| ■ Ellen Street | ■ Mervin Street | ■ Thomasina Street |
| ■ Elwyn Street | ■ Monash Street | ■ Thornton Street |
| ■ Florence Street | ■ Moor Street | ■ Valkstone Street |
| ■ Foley Place | ■ Moylan Street | ■ Victor Road |
| ■ Geer Court | ■ Murra Street | ■ Waldorf Court |
| ■ Gladesville Drive | ■ Nixon Court | ■ Waratah Street |
| ■ Greendale Road | ■ Normanby Road | |
| ■ Griffith Avenue | ■ North Road | |

What might happen in a flood in your area?

Although no two floods are the same and the environment is constantly changing, the below provides an idea of what to expect for different flood sizes.



Minor impacts

- Water coming up through drains in nearby streets.
- Water will cover minor paths, tracks, and low level bridges.
- Some backyards and buildings impacted below floor level



Moderate impacts

- Water spilling over riverbanks and covering large areas of land.
- Water above floor level in some houses and buildings.
- Evacuation may be required in some areas.
- Impact to roads and traffic routes.



Major impacts

- Widespread flooding.
- Many houses and businesses are inundated above floor level.
- Properties and whole areas may be isolated.
- Major roads and rail routes closed.
- Many evacuations required.
- Impact to utility services (water, power, sewerage)



Floodwater can be very deep, rise quickly and move fast.

Stay safe by avoiding flooded areas.

Your local services

Catchment Management Authority

For general advice about flooding and controls based on planning zones and overlays.

- **Melbourne Water**
melbournewater.com.au | 13 17 22

Local Council

For relief support after a flood event and general land use planning.

- **Glen Eira City Council**
gleneira.vic.gov.au | 03 9524 3333



In a flood emergency, stay informed through [VicEmergency](#), see [page 12](#) for more information.

Plan and prepare for floods

1 How to stay informed

VicEmergency is Victoria's source of emergency information and warnings.

- Set-up a watch zone for your area for alerts when warnings are issued.
- Learn about the three different warning levels.



VicEmergency app
emergency.vic.gov.au
1800 226 226



vicemergency



@vicemergency



2 Make an Emergency Plan

Use information from your Local Flood Guide and your Catchment Management Authority, to help you decide;

- What you will do in a flood emergency
- When you will do it
- Who you will inform



Red Cross RediPlan is a free tool that helps you create a simple emergency plan that supports the flood actions you have chosen.

- Visit redcross.org.au/prepare
- Download the [Get Prepared](#) app

3 Prepare an emergency kit



You may need to stay safe for 72 hours in a disaster before help arrives. Make sure you have safe drinking water, food, and any special needs or medications for all family.



There will be extra items to be added to your emergency kit in an emergency like clothes, a phone and charger.



Watch a video on how to get your Emergency kit ready.
youtu.be/XgyLnKDMkNo

4 Reduce impacts to your property

- ☐ Keep gutters and drains clear of debris including leaves and any other items.
- ☐ Check your building and contents insurance, what kind of flooding does it cover?
- ☐ Move your valuable possessions up high.
- ☐ Back up important files and documents to a cloud storage or USB kept elsewhere.
- ☐ Identify higher ground on or around your property, away from the danger area.
- ☐ Consider buying sand and sandbags ahead of time, refer to our Sandbag Guide for more information.

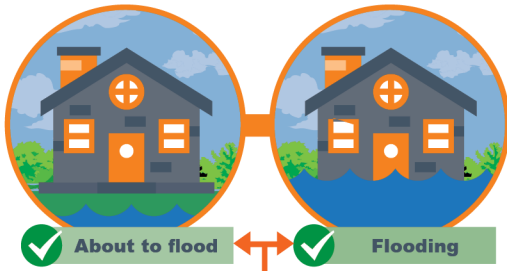


For more details and other tips, visit:
ses.vic.gov.au/flood



What to do in a flood emergency

When to call VICSES



Flood emergency assistance call VICSES 132 500



If life threatening call triple zero 000

Stay Informed

VicEmergency

Emergency warnings will provide information on what is happening and advice of what you should do.

You may not receive an official warning before a flood.



VicEmergency app
emergency.vic.gov.au
1800 226 226



vicemergency @vicemergency



■ Set-up a watch zone for alerts for your area.

Bureau of Meteorology



Monitor rainfall, river levels, weather forecasts/warnings.

bom.gov.au/vic/flood/melbourne.shtml

Emergency broadcasters



ABC Melbourne 774 AM, 3AW 693 AM, FOX 101.9 FM, Gold 104.3 FM, NOVA 100.3 FM
TV | Sky News

If you expect floodwater at your property

1



Bag it

Sandbag doorways and low-lying windows to slow floodwater entering your home.

2



Block it

Block toilets, bath and drains using a sandbag ideally placed inside a plastic rubbish bag.

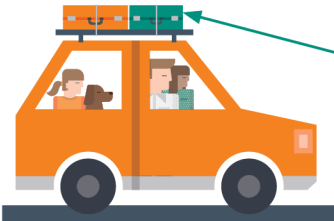
3



Lift it

Put your valuables and electrical items as high as possible. Turn off power, gas, and water at the mains.

4



Leave

- Leave **before** the flood arrives.
- Check warnings from VicEmergency for information like evacuation or relief centres, and road closures.
- Travel to the home of family or friends who are in a safe location, away from the flooded area.

Take your emergency kit and add the items below:



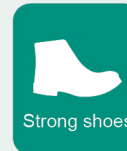
Phone & charger



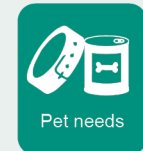
Prescriptions & medication



Clothes for your family



Strong shoes



Pet needs

Never drive through floodwater

Large



A Large 4WD can be moved by water only 45cm deep.

Small



A small car can be moved by water only 15cm deep.



For more details and other tips, visit:
ses.vic.gov.au/flood

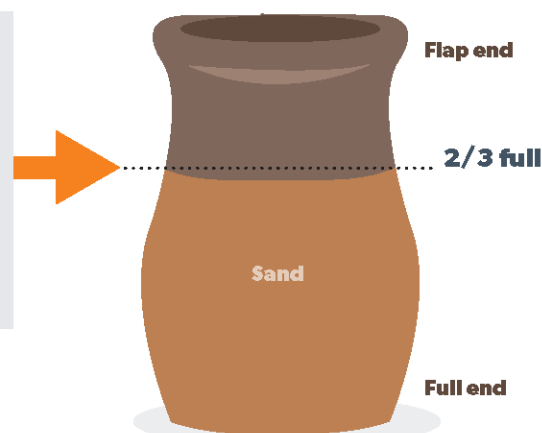
Sandbagging

Protecting your home

Sandbags won't stop the water completely, but can reduce the amount of water entering your home.

How do I fill a sandbag?

- Only use sand to fill hessian bags. Do not use dirt.
- Only fill sandbag two-thirds full.
- Do not over fill the sandbag as it will be too heavy to carry.
- Do not tie the top of the sandbag.
- Take care when filling and lifting the sandbag, to avoid injury.



How do I lay sandbags?

- Lay sandbags like brickwork. Stagger rows so that the joins do not line up.
- Start at one end and work to the other end.
- Ensure the unfilled part of the bag is covered by the next bag.
- Tuck flap under the bag at the end of the row.
- If the sandbag wall is going to be more than five (5) bags high, you will need to lay two (2) rows wide.



Where do I place the sandbags?

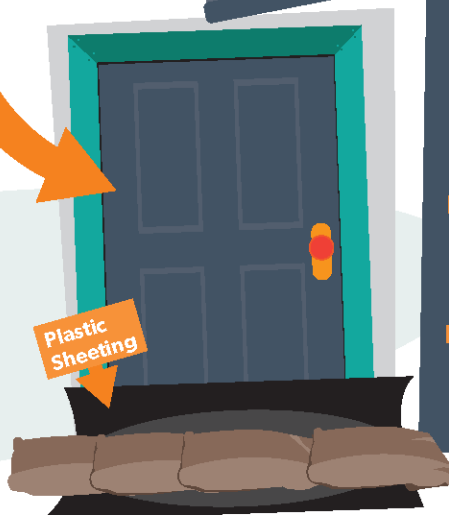
- Place sandbags in plastic bags to cover drainage holes in home (e.g. showers, toilets, sinks) to stop back flow of water.
- Place a small wall across doorways, at least the height of the expected water level. Be careful not to trap yourself inside.
- If available, plastic sheeting may be used under sandbags to reduce the seepage.

Block it

Toilets, bath and all drain holes



Plastic Sheetting



What do I do once I have finished with the sandbags?

- Sturdy gloves should be worn when handling wet sandbags as they can contain chemicals, waste and diseases.
- Sandbags that have been in contact with floodwater need to be thrown away.
- Contact your local council to find out how to dispose of your sandbags safely.



Sandbags and sand

Preparing your home

Having sandbag supplies ready can assist you before a flooding emergency occurs.



What supplies do I need to sandbag my home?

- Sandbags
- Sand
- Plastic sheeting
- Gloves and safety goggles
- Shovel or hand scoop

Where can I purchase these supplies?

- Many sandbag supplies can be purchased from hardware stores or garden centers.
- VICSES do not routinely supply sandbags to households.
- During floods, sandbag distribution points may be established in flood-affected areas.

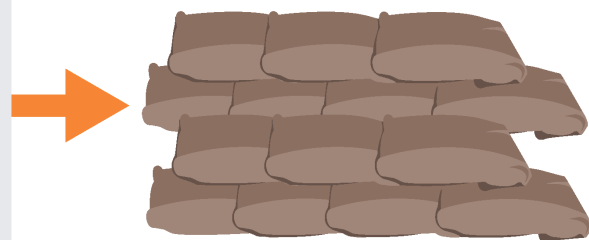


How many sandbags will I need and how much sand?

- Most homes can be protected by less than 25 sandbags.
- The number of sandbags will depend on your local flood risk and availability.
- Sandbags are filled 2/3 full which requires around 15-20kgs of sand per bag.

How do I store my sand and sandbags?

- Filled sandbags only have a short shelf life.
- It is recommended to store sandbags empty.
- Sandbags should be stored in a cool dry area away from UV light.
- Sand should be kept dry and can be stored in water-resistant containers or under a tarp.
- Sand is heavy - ensure it is stored so it can be moved safely.



When should I sandbag my home?

- **You** are best placed to decide if there is a need to sandbag your home, based on local knowledge and past flood events.
- Monitor your local conditions. Stay up-to-date with weather forecasts and warnings by downloading the **BOM Weather** and **VicEmergency** apps, or call the VicEmergency Hotline on 1800 226 226.
- If you think you are at risk, do not wait for an official warning to act.

