

Ascot Vale, June 2023



Local Flood Guide

Moonee Valley

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



FLOOD STORM
EMERGENCY **132 500**



If life threatening
call triple zero 000

Contents

■ Local flood information	<u>Page 3</u>
Why does Moonee Valley flood?	<u>Page 3</u>
How do floods impact communities?	<u>Page 3</u>
Check your home, work, and travel routes for floodwater	<u>Page 4</u>
What roads and infrastructure are likely to flood?	<u>Page 5</u>
What might happen in a flood in your area?	<u>Page 6</u>
Your local services	<u>Page 6</u>
■ Plan and prepare for floods	<u>Page 7</u>
■ What to do in a flood emergency	<u>Page 8</u>
■ Sandbag Guide	<u>Page 9</u>



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.

Content reviewed: March 2026




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

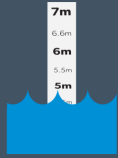
Local flood information

This guide is relevant for residents of the suburbs of:


- Aberfeldie
- Airport West
- Ascot Vale
- Avondale Heights
- Essendon
- Essendon North
- Essendon West
- Flemington
- Keilor East
- Niddrie
- Strathmore
- Strathmore Heights
- Travancore



There have been ten significant flood events in Moonee Valley between 1906 and 2022.



The largest flood on record was in 1906 when the floodwater reached 4.5 metres at the [Maribyrnong River Gauge](#).



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

Why does Moonee Valley flood?

The Moonee Valley area is at risk of both **riverine flooding** and **flash flooding**, which can happen separately or at the same time. Both are usually caused by heavy rainfall.

- When the Maribyrnong River, Steele Creek, Five Mile Creek and/or Moonee Ponds Creek rise and overflows their banks, and spills water onto land, it causes **riverine flooding**.
- Aberfeldie is at risk of both **flash flooding** and **riverine flooding** which can happen separately or at the same time.
- Parts of Moonee Valley were developed before flood-related building regulations were introduced, meaning some buildings are located in areas with higher flood risk.



How do floods impact communities?



Buildings flooded



Road closures



Drinking water supply and quality affected



Power outages



Mobile and internet network outage

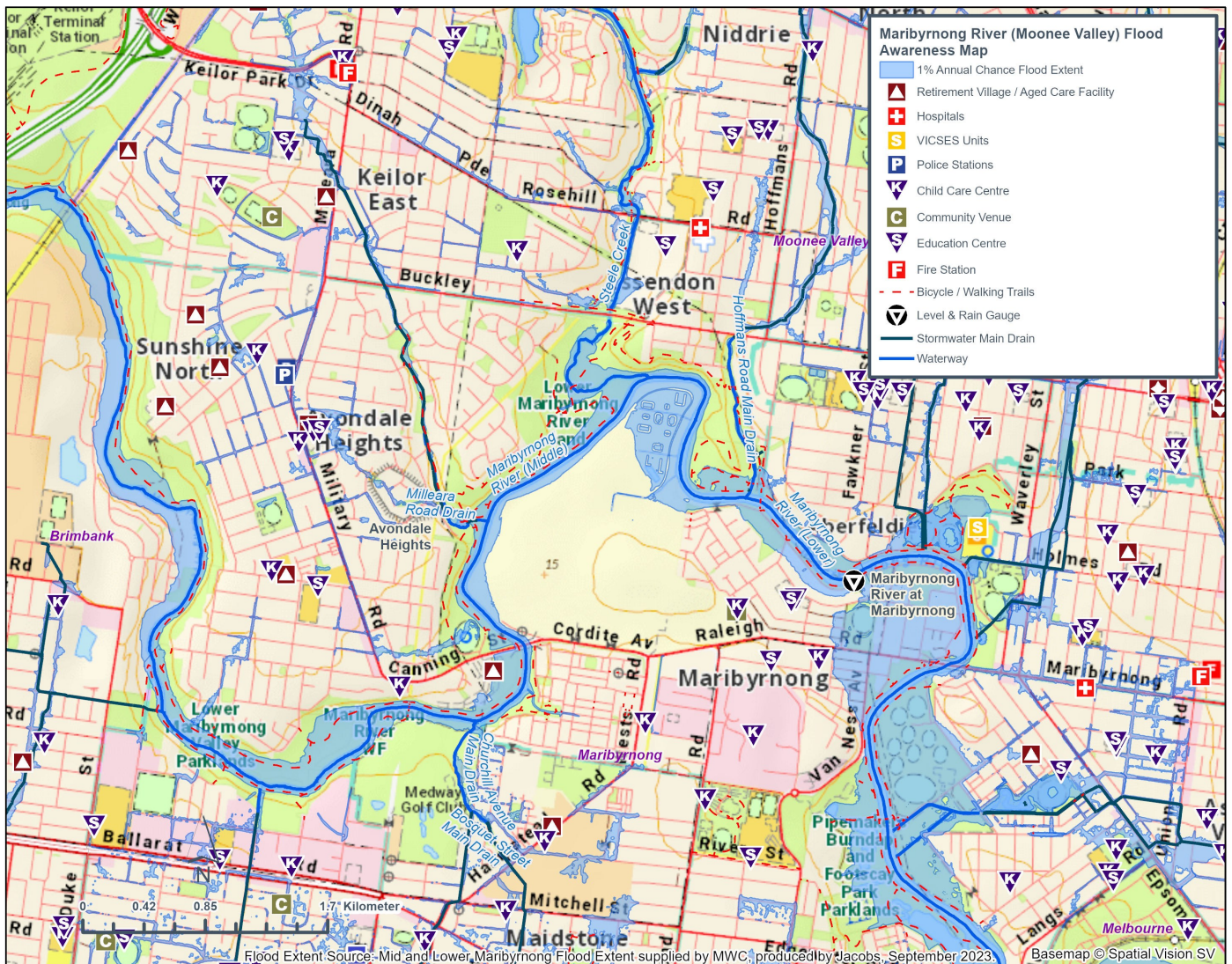


Sewage overflows inside building

Check your home, work, and travel routes for floodwater

If this map shows potential flood risk for you, ensure you take action to **plan and prepare for floods**. See [page 7](#) for more information.

- This map shows the area likely to flood in a significant flood event that would measure at least 4.40 metres high at the Maribyrnong River gauge in Chifley Drive.
- 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.
- For context, the October 2022 flood level reached 4.21m, 0.19m less than the height shown in this map.



Live River Gauge levels: You can view the live river gauge levels on the Melbourne Water website as a guide for when you should take action:



www.melbournewater.com.au/water-and-environment/water-management/rainfall-and-river-levels#/reader/230106A

Ensure you are monitoring warnings on multiple sources. See page 8 for more information.

What roads and infrastructure are likely to flood?

During a flood, some streets, community facilities, and key roads in the suburbs listed below may be at risk of flooding and could be closed.

For current road closures, check [VicTraffic](#). [VicEmergency](#) may include road closures in its warnings, see [page 8](#) for more information.

Suburbs at greatest risk of flooding in Moonee Valley

- Aberfeldie
- Ascot Vale
- Avondale Heights
- Essendon

Significant flood event impacts

The following are potential impacts of a **significant flood**, as shown on the map on [page 4](#).

Possible road closures

Avondale Heights

- Blueridge Close
- Evergreen Avenue
- Watergum Terrace

Streets where properties are at risk of flooding

Avondale Heights (Rivervue Retirement Village)

- Bellavista Drive
- Blueridge Close
- Evergreen Avenue
- Watergum Terrace

Essendon West

- Afton Street

Community infrastructure at risk of flooding

Moonee Ponds

- Essendon Rowing Club
- Boat Ramp
- Essendon Anglers Club
- Function Room

Essendon West

- Afton Reserve



Aberfeldie Park, October 2022

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

Stay safe by avoiding flooded areas.



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

What might happen in a flood in your area?

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

- **Before a flood:** Use the floodwater heights in the table to help you decide when you will need to act to protect yourself and your property in a flood event.
- **During a flood:** When a warning is issued by [VicEmergency](#), use the predicted floodwater height and warning information to understand what the potential impacts may be for you and your community.



Keilor, Brimbank Park gauge (metres)	Maribyrnong Chifley Drive gauge (metres)*	Potential impacts and previous flood events [^]
	4.40m	Flood height shown on map, see page 4 .
	4.21m	2022 Flood event. Flooding impacted roads and parts of the River Retirement Village and parts of Aberfeldie and Ascot Vale near the river.
6.1m	2.9m	Major flood level Properties may start to be impacted or isolated by floodwater.
5.4m	2.30m	Moderate flood level Maribyrnong River Trail flooded at various locations.
	2.21m	January 2011 Flood event <ul style="list-style-type: none"> ■ Caused by 44 millimetres of rain in 28 hours. ■ 18 requests for assistance, for flood.
3.5m	1.70m	Minor flood level Some essential infrastructure like sewerage may be impacted.
	.05m	The usual height of the river.

*The height measurement is at the [Maribyrnong River gauge](#) at Chifley Drive, Maribyrnong.

[^]This table includes information from previous flood events

Your local services

Catchment Management Authority

For general advice about flooding and controls on planning scheme amendments.

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

Local Council

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

- **Moonee Valley City Council**
mvcc.vic.gov.au | 03 9243 8888

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.

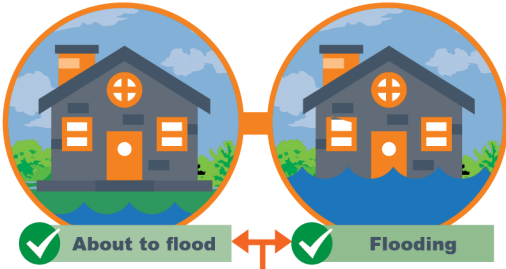



For more details and other tips, visit:
ses.vic.gov.au/flood



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



Radio | ABC 774 AM

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.

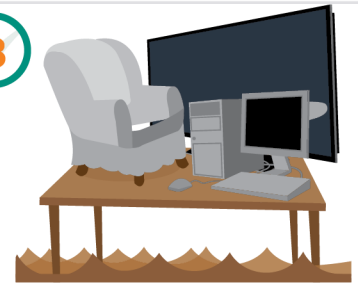
2



Block it

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

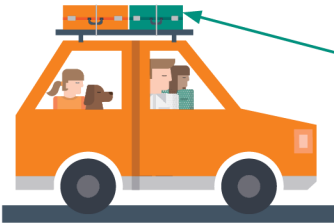
3



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:



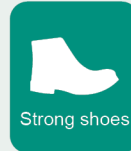
Phone & charger



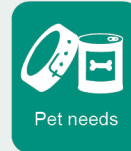
Prescriptions & medication



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

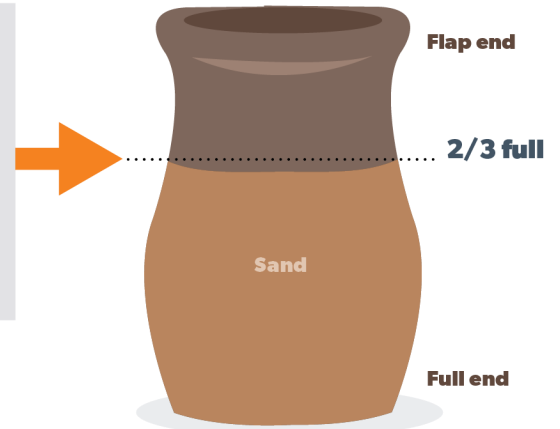


Sandbagging

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

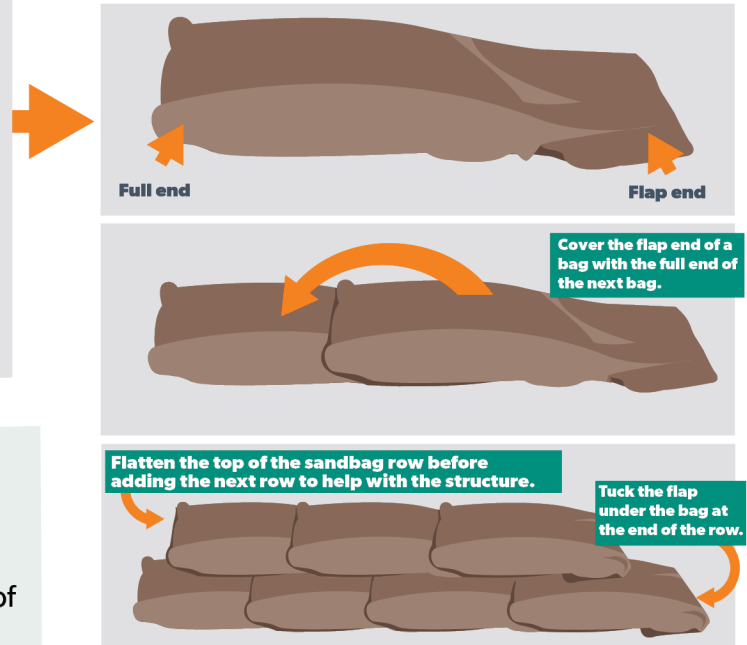
How do I fill a sandbag?

- 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.

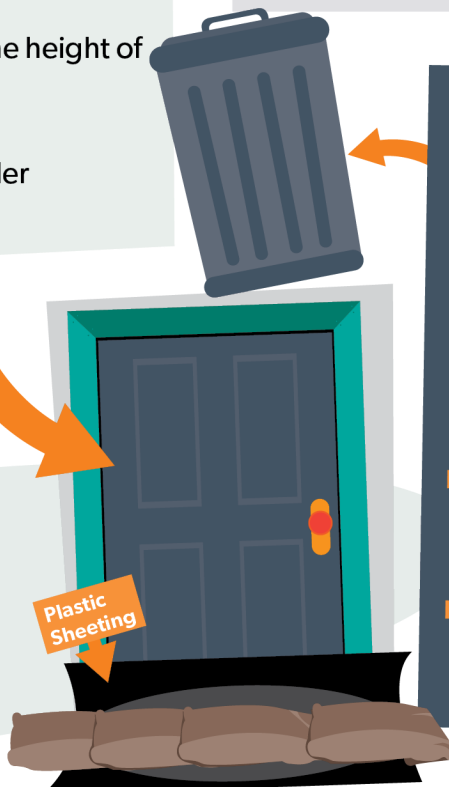


Where do I place the sandbags?

- 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



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.

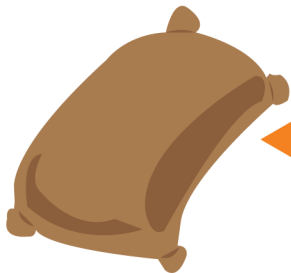


What supplies do I need to sandbag my home?

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

Where can I purchase these supplies?

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

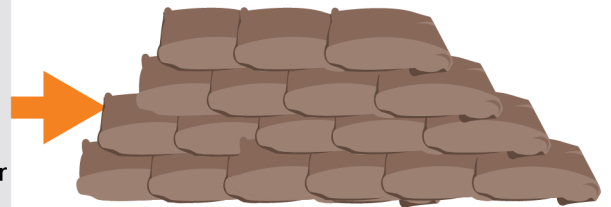


How many sandbags will I need and how much sand?

- 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.