

Casterton, 2016



Local Flood Guide

Casterton

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

Contents

■ Local flood information	Page 3
Why does Casterton flood?	Page 3
How do floods impact communities?	Page 3
Check your home, work, and travel routes for floodwater	Page 4
What might happen in a flood in your area?	Page 5
Download your free Property Flood Report	Page 6
Your local services	Page 6
■ Plan and prepare for floods	Page 7
■ What to do in a flood emergency	Page 8
■ Sandbag Guide	Page 9



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: June 2025

Cover image courtesy of Glenelg Hopkins Catchment Management Authority
First Image page 6 courtesy of Museums Victoria
Second image page 6 courtesy of State Library of Victoria

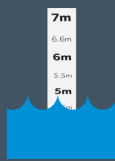


For more information visit: ses.vic.gov.au/plan-and-stay-safe

Local flood information



There have been 14 significant flood events in Casterton between 1893 and 2022.



The largest flood on record was in 1946 when the floodwater reached 6.45 metres at Casterton gauge



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

Why does Casterton flood?

When the Glenelg, Wando, and/or the Chetwynd Rivers rise and overflow their banks, spilling water onto land, it causes **riverine flooding**. The most common cause of this is prolonged heavy rainfall.

- Casterton is built around the Glenelg River, and parts of the town are on the floodplain. The naturally low-lying areas are more likely to be impacted in a flood.
- Casterton can experience multiple flood peaks, where the river height peaks, then recedes, then peaks again.
- The first peak is caused by rainfall within the Wando River catchment, and can be expected to reach Casterton 3 to 14 hours after the river height has peaked at the Wando Vale Gauge.
- The second peak is usually higher and is caused by the Glenelg and Chetwynd Rivers. Floodwater can be expected to reach Casterton 11 to 30 hours after the river has peaked at Dergholm gauge.



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

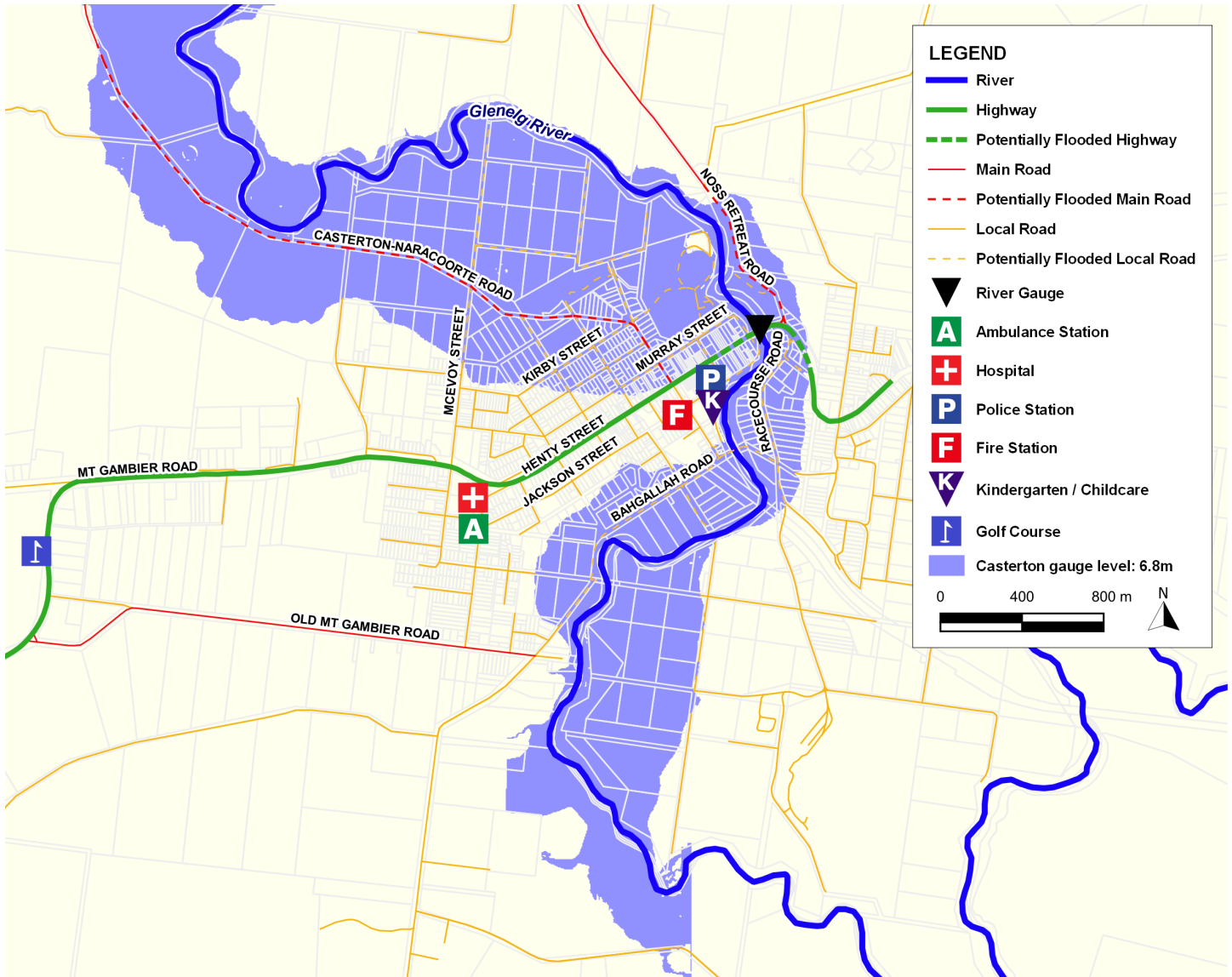
Check your home, work, and travel routes for floodwater

This map shows the area likely to flood in a significant flood event that would measure at least 6.8 metres high at the Casterton gauge in the Glenelg River near the Highway Bridge.

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.

The map is provided as a guide only and represents one of many flood scenarios that could occur in the area.

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.



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

Stay safe by avoiding flooded areas.



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.



Floodwater Height (metres)*	Potential impacts and previous flood events^
6.45m	1946 flood level <ul style="list-style-type: none"> ■ All bridges washed away leaving the town isolated ■ 70 houses flooded above floor level ■ 200 people were evacuated
6.14m	September 2016 flood level
6.00m	Major flood level
6.00m	<ul style="list-style-type: none"> ■ Glenelg Highway begins to be impacted by flooding ■ Casterton-Naracoorte Road and the Glenelg Highway/Henty Street is likely to be closed ■ Properties around Racecourse Road, Murray Street, McPherson Street, Addison Street, and McKinlay Street may need to be evacuated
5.20m	Moderate flood level
5.20m	<ul style="list-style-type: none"> ■ Floodwater impacts areas between the river and Racecourse Road, Bahgallah Road, Murray Street, McPherson Street and Tyers Street ■ Access to Casterton Recreation Reserve may be cut off
5.00m	January 2011 flood level
4.80m	<ul style="list-style-type: none"> ■ Access to Island Park cut off ■ Murray Street, Clarke Street, Tyers Street and Henty Street impacted
3.80m	Minor flood level
3.80m	<ul style="list-style-type: none"> ■ Casterton-Naracoorte Road may be impacted north of Casterton ■ Local farmers may need to lift machinery and pumps to higher ground

*The height measurement is at the Casterton gauge at the Glenelg River

^This table includes information from previous flood events

Casterton, 1906



In a flood emergency, stay informed through [VicEmergency](#), see page 8 for more information.

Your local services

Catchment Management Authority

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

- **Glenelg Hopkins Catchment Management Authority**
ghcma.vic.gov.au | 03 5571 2526

Local Council

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

- **Glenelg Shire Council**
glenelg.vic.gov.au | 1300 453 635

Casterton, 1946



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.

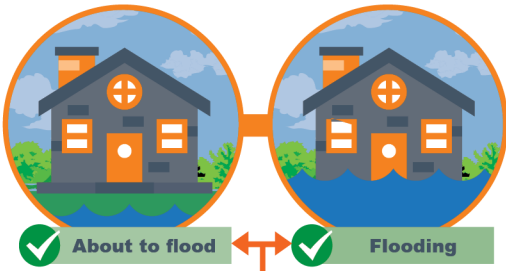


For more details and other tips, visit:
ses.vic.gov.au/flood



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/glenelg_hopkins.shtml

Emergency broadcasters



Radio | ABC 94.1FM or 594AM

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.

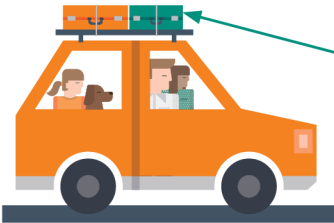
3



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

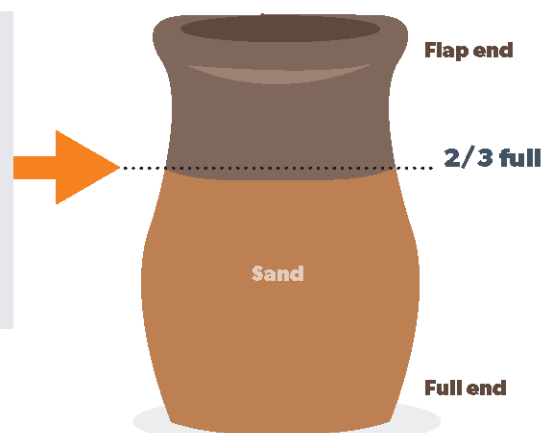
Sandbagging

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?

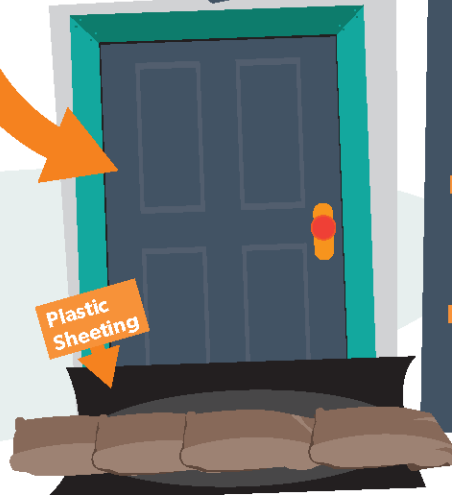
- Place sandbags in plastic bags to cover drainage holes in home (e.g. showers, toilets, sinks) to stop back flow of water.
- Place a small wall across doorways, at least the height of the expected water level. Be careful not to trap yourself inside.
- If available, plastic sheeting may be used under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

Block it

Toilets, bath and all drain holes



Plastic Sheeting



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.

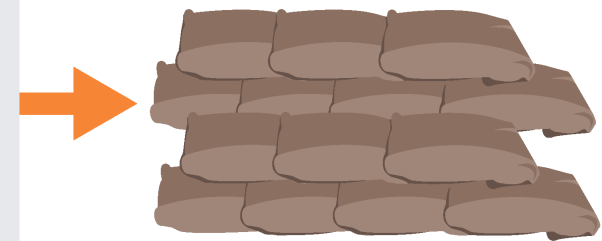


How many sandbags will I need and how much sand?

- 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.

