



# Dromana & Safety Beach

## Local Flood Guide

Storm surge & flash flood information for Dromana & Safety Beach



For flood emergency assistance call  
**VICSES on 132 500**





### Dromana Safety Beach Local Area

Dromana and Safety beach are located approximately 58 kilometres (straight line distance) from Melbourne’s Central Business District in a primarily rural area with established residential zones along the coastline.

Dromana is well known for its vineyards and cellar doors as well as one of the last drive-in cinemas and sees an influx of tourists within the summer months. It offers panoramic views of Port Phillip Bay and Arthurs seat. Safety Beach, which adjoins Dromana to its south, is best known for its magnificent bathing boxes that are along the coastal beach that attract tourists year-round.

The Dromana and Safety Beach area is located along Port Phillip Bay and contain several creeks including Kangerong Creek, Boundary Creek, Brokil Creek, Shepwash Creek, Dunns Creek and Bald Hill Creek. Dunns Creek and Sheepwash Creek are two open waterways flowing from Arthurs Seat down to discharge into Port Phillip Bay at Safety Beach, passing through Dromana.

The map below shows the impact of a 1% flood in the Dromana and Safety Beach Bayside area. A 1% flood means there is a 1% chance a flood this size happening in any given year. This map is provided as a guide to possible flooding in the area.



**Disclaimer**

This map publication is presented by Victoria State Emergency Service for the purpose of disseminating emergency management information. The contents of the information have not been independently verified by Victoria State Emergency Service. No liability is accepted for any damage, loss or injury caused by errors or omissions in this information or for any action taken by any person in reliance upon it. Flood information is provided by Melbourne Water.



### Are you at risk of flood?

Safety Beach is located on flat terrain with Dunns Creek, Sheepwash Creek and Bald Hill Creek being the major Creeks in the area. When any of these creeks bursts their banks, floodwaters are likely to spread out across local roadways and properties.

Being by the coast, Safety Beach and Dromana are susceptible to Port Phillip Bay tide levels with these possibly impacting on flood levels from Sheepwash Creek and Dunns Creek. Storm Surge levels from Port Phillip Bay are likely to see heights increase within Martha Cove but stay within the channel. High intensity, short duration rainfall events can cause flash flooding in and around Safety Beach and Dromana, while prolonged rainfall events may see Dunns Creek flood.



Nepean Highway is at risk of flooding at multiple points as it crosses Dunns Creek, Sheepwash Creek & Bald Hill Creek. Other infrastructure at risk is an Aged Care Facility and Retirement Village on Country Club Drive, Don Bosco School Camp on Dromana Parade and also a number of Caravan Parks along Dromana Parade.

One retarding basin is located within Dromana at Brasser Avenue at Boundary Creek. No formal Pumping Stations or Levees exist around Dromana & Safety Beach.

No major isolation risks exist for areas around Dromana & Safety Beach during a 1% AEP (100yr ARI) event. Some localised short-duration isolation may occur due to flash flooding.

The following roads are subject to closure during flooding around the Dromana & Safety Beach areas within a 1% AEP (100yr ARI) event.

Boundary Road	Brian Street	Charles Street
Clyde Road	Collins Road	Country Club Drive
Course Circle	Coutts Street	Dale Avenue
Dromana Parade	Frank Street	Golf Course Lane
Lake View Drive	Mason Avenue	Morgan Court
Nepean Highway	Prescott Avenue	Tassel Road

### Did you know?

Significant flash flooding in the Dromana and Safety Beach areas occurred during the following dates:

- 2013 May
- 2016 December
- 2017 February & March
- 2022 November



**No two floods are the same. Floods like this or worse could occur again.**

**If you live in a low-lying area you may be at risk of flooding or need to detour around flooded areas.**

**Knowing what to do can save your life and help protect your property.**



If you require assistance during a flood or storm, contact **SES on 132 500**. Your local SES Sorrento Unit will be able to assist you.

### Staying Informed and Further Information

■ Current warnings (VicEmergency)	<a href="http://emergency.vic.gov.au">emergency.vic.gov.au</a>	1800 226 226
■ Bureau of Meteorology (BoM)	<a href="http://bom.gov.au/vic/warnings">bom.gov.au/vic/warnings</a>	1300 659 217
■ VicRoads Traffic	<a href="http://traffic.vicroads.vic.gov.au">traffic.vicroads.vic.gov.au</a>	
■ Emergency Broadcasters	ABC Melbourne 774 AM SKY NEWS Television MyMP 1377 AM 3RPP 98.7 FM	
■ VICSES Social Media	<a href="https://facebook.com/vicses">facebook.com/vicses</a> <a href="https://twitter.com/vicsesnews">twitter.com/vicsesnews</a>	
■ Preparing for Flood Emergencies	<a href="http://ses.vic.gov.au/get-ready">ses.vic.gov.au/get-ready</a>	
■ Creating an Emergency Plan	<a href="http://redcross.org.au/prepare">redcross.org.au/prepare</a>	
■ Melbourne Water	<a href="http://melbournewater.com.au">melbournewater.com.au</a>	131 722
■ Mornington Peninsula Shire	<a href="http://mornpen.vic.gov.au">mornpen.vic.gov.au</a>	1300 580 600 or 5950 1000
■ National Relay Service (NRS)	<a href="http://relayservice.gov.au">relayservice.gov.au</a>	
■ Emergency Prepare	<a href="http://emergencyprepare.com.au">emergencyprepare.com.au</a>	




**Life-threatening  
Emergency  
000**



# Flood warnings and emergency checklist

A **Flood Watch** means there is a developing weather pattern that might cause floods in one or two days. This service covers the whole state.

A **Flood Warning** means flooding is about to happen or is already happening. There are minor, moderate and major flood warnings. This service is only available where flood warning systems are in place.

 A Minor Flood Warning means floodwater can:	 A Moderate Flood Warning means floodwater can:	 A Major Flood Warning means floodwater can:
Spill over river banks and cover nearby low lying areas.	Spill over river banks and cover larger areas of land.	Cause widespread flooding.
Come up through drains in nearby streets.	Reach above floor levels in some houses and buildings.	Many houses and businesses are inundated above floor level.
Require the removal of stock in some cases.	Require evacuation in some areas.	Cause properties and whole areas to be isolated by water.
Cover riverside camping areas and affect some low-lying caravan parks.	Affect traffic routes.	Closes major roads and rail routes.
Cover minor roads paths, tracks and low level bridges.	Require the removal of stock in rural areas.	Require many evacuations.
Affect backyards and buildings below floor level.		Affect utility services (power, water, sewage etc).

## Severe Thunderstorm Warnings

Thunderstorms are classified as severe when there is potential to cause significant localised damage through wind gusts, large hail, tornadoes or flash flooding. Severe Thunderstorm Warnings are issued to the community by BoM.

## Severe Weather Warnings

These warnings are issued to the community by BoM when severe weather is expected that is not directly related to severe thunderstorms or bushfires. Examples of severe weather include damaging winds and flash flooding.

## Flash Flooding

- Flash Flooding can occur quickly due to heavy rainfall. You may not receive an official warning.
- Stay informed- monitor weather warnings, forecasts and river levels at the [BoM website](#) and warnings through [VicEmergency](#).



### VICSES Warnings

VICSES utilises the VicEmergency app, website and hotline to distribute flood warnings and emergency information in Victoria. Communities can also access this information through VICSES social media channels and emergency broadcasters.

VICSES warnings aim to provide you with information to help you make good decisions to protect yourself and your family. The warning level is based on severity, conditions and the likelihood that the emergency could impact on the community.

WARNING LEVELS	
	<p><b>EMERGENCY WARNING</b></p> <p>You are in imminent danger and need to take action now. You will be impacted. A Major flood warning usually fits into this category.</p>
	<p><b>WATCH AND ACT</b></p> <p>An emergency is developing nearby. You need to take action now to protect yourself and others. A Moderate flood warning usually fits into this category.</p>
	<p><b>ADVICE</b></p> <p>An incident is occurring or has occurred in the area. Access information and monitor conditions. A Minor flood warning or Flood Watch usually fits into this category.</p>

EVACUATION	
If an evacuation is recommended, you will be guided to do so in the action statement in the warning.	
	<p><b>PREPARE TO EVACUATE/ EVACUATE IMMEDIATELY</b></p> <p>An evacuation is recommended or procedures are in place to evacuate.</p>

ADDITIONAL MESSAGES	
	<p><b>COMMUNITY INFORMATION</b></p> <p>Can be used as a notification that an incident has occurred but there is no threat to community; or to issue a newsletter containing updates for communities affected by an emergency.</p>
	<p><b>EMERGENCY ALERT</b></p> <p>During some emergencies, we may alert communities by sounding a local siren, or by sending an SMS to mobile phones or a voice message to landlines.</p>

### Your emergency plan

Emergencies can happen at any time and with little warning. People who plan and prepare for emergencies can reduce the impact and recover faster.

Taking the time to think about emergencies and make your own plan helps you think clearly,, have more control and make better decisions when an emergency occurs.

Visit [redcross.org.au/prepare](https://redcross.org.au/prepare) start creating your plan.



- Remember, you may not receive any official warning.
- Emergency assistance may not be immediately available. Be aware of what is happening around you to stay safe.
- Never wait for a warning to act.



## Emergency Kit

Visit [Emergency Toolkit](#) for more information



Every home and business should have a basic emergency kit with supplies for 3 days:



Check your kit often. Make sure things work. Replace out of date items.

When a warning is issued, have ready for use or pack into your kit:

**I need to add:**

Write your list here. Tick items as you pack them into your kit.

Special needs (eg, babies, elderly and people with a disability)	
Photos	
Family keepsakes	
Valuables	
Other	



## Emergency Checklist

- Check if your insurance policy covers flooding.
- Keep this list of emergency numbers in your mobile phone.
- Download the Vic Emergency app on your mobile phone.
- Put together an emergency kit and prepare a home or business.
- Emergency plan, see <https://www.redcross.org.au/prepare>



## Before Flooding

- Leaving early before flooding occurs is always the safest option. Evacuating through floodwater is very dangerous and you may be swept away.
- Stay informed- monitor weather warnings, forecasts and river levels at the <http://www.bom.gov.au> and warnings through [www.emergency.vic.gov.au](http://www.emergency.vic.gov.au)
- Secure objects likely to float and cause damage.
- Listen to the radio and check the VICSES website for information and advice.
- Go over your emergency plan. Pack clothing and other extra items into your emergency kit and take this with you if you evacuate.

## During Flooding

- Make sure your family members and neighbours are aware of what is happening.
- Conditions change rapidly; roads and escape routes can be covered or blocked.
- Put household valuables and electrical items as high as possible.
- Turn off water, gas and electricity at the mains.
- If you are staying in a caravan, move to higher ground before flooding begins.
- Seek shelter indoors, away from floodwater.
- If floodwater comes inside, move to a higher point such as a kitchen bench or second storey.
- Stay away from trees, drains, low-lying areas, creeks, canals, culverts and floodwater.

## Evacuating in Flooding

- Flood water is dangerous. Never enter floodwater. It can take just 15cm of water to float a car.
- Find alternative travel routes if roads or underpasses are flooded.
- Be aware of driving hazards, such as mud, debris, damaged roads and fallen trees. If driving conditions are dangerous, safely pull over away from trees, drains and floodwater.

## After Flooding

- For recovery information, contact your local council, go to the VicEmergency Relief and Recovery-[emergency.vic.gov.au/Relief](http://www.emergency.vic.gov.au/Relief) page or call the VicEmergency Hotline (1800 226 226).
- Have all electrical and gas equipment professionally tested before use.
- Stay away from damaged and flooded buildings, fallen trees and powerlines and damaged roads until authorities advise it is safe to do so.
- Drive slowly, obey all road signs and never drive through floodwater.
- When cleaning, protect your health and safety. Wear strong boots, gloves and protective clothing and wash your hands and clothes regularly.

For VICSES emergency assistance,  
call **132 500**, or **Triple Zero (000)**  
in life threatening emergencies.