



# Rosanna & Macleod Local Flood Guide

Flood information for Salt Creek



*Flash flooding in Middleton Street, upstream of Salt Creek*



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





## City of Banyule Local Area

The City of Banyule is approximately 63 square kilometres in size and lies to the north-east of central Melbourne. There are 21 suburbs within the city and the population is approximately 121,000.

The municipality contains or is bounded by a large number of waterways ranging in size from the Yarra River to small unnamed creeks. The three largest waterways are the Yarra River, Darebin Creek and the Plenty River.

Banyule is a flood-prone area. When there is a big storm, it can flood quickly and with little warning.

Salt Creek is one such example and runs in a southerly direction through the centre of the City of Banyule, flowing into the Yarra River at Heidelberg. The creek flows through the suburbs of Rosanna and Macleod.

### Are you at risk of flood?

The Salt Creek catchment area is relatively small and water levels rise quickly after short bursts of rain, sometimes causing flash flooding.

A number of retarding basins are located along the waterway, minimising the impacts of flooding on the surrounding areas which are mainly residential.

Melbourne Water improved the drains along Salt Creek in 1992. A second pipe was added and a retarding basin was constructed in the Harry Pottage Reserve. Together, these works more than doubled the drain capacity.

The Salt Creek pipe inlet structure is considered a critical asset for Melbourne Water. It is maintained and cleaned on a fortnightly basis and pro-actively monitored and cleaned before heavy rainfall events.

The maps on page 3 and 4 show the impacts of a 1% flood along Salt Creek. A 1% flood means there is a 1% chance of a flood this size happening in any given year. This map is provided as a guide to possible flooding within the area.



*Stormwater grill on Salt Creek*



### Rosanna Flood Awareness Map



**Disclaimer**

This map publication is presented by Victoria State Emergency Service for the purpose of disseminating emergency management information. The contents of the information has 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



### Macleod Flood Awareness Map



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### Did you know?

- Floods have occurred frequently in Banyule in the last 50 years or so, notable ones being 1971, 1972, 1978, 1988, 1991, 2003, 2011 and 2016.
- In December 2016, Banyule received over a month's rainfall in less than 30 minutes – too much for the drains to cope with. Widespread flooding occurred as a result.
- Overland flood waters in the Rosanna and Macleod area have been known to be fast and strong enough to knock a person over.
- Interruptions to natural overland flow paths, like houses and fencing, can cause flood waters to drain and pool into unwanted areas resulting in high levels of damage. Where possible, try to minimise these interruptions, like using open style fencing that floodwaters can flow through or under.
- There are 476 properties at risk of flood during a 1% flood in the Salt Creek/Banyule Creek Catchment.



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



*Salt Creek flooding at Birdwood Avenue, Macleod*



## 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 our social media channels and emergency broadcasters.

VICSES warnings aim to provide you with as much information to help you make good decisions to protect yourself and your family.

### WARNING LEVELS

	<p><b>EMERGENCY WARNING</b> You are in imminent danger and need to take action immediately. You will be impacted. A Major flood warning usually fits into this category</p>
	<p><b>WARNING (WATCH AND ACT)</b> 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> An incident is occurring or has occurred in the area. Access information and monitor conditions. Can also be used as a notification that activity in the area has subsided and is no longer a danger to you. A Minor flood warning or Flood Watch usually fits into this category.</p>

### ADDITIONAL MESSAGES

	<p><b>PREPARE TO EVACUATE/ EVACUATE NOW</b> An evacuation is recommended or procedures are in place to evacuate.</p>
	<p><b>COMMUNITY INFORMATION</b> A newsletter containing updates for communities affected by an emergency. Can also be used as a notification that an incident has occurred but there is no threat to community.</p>
	<p><b>EMERGENCY ALERT</b> 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>

## Bureau of Meteorology Warnings

Warnings are issued by the Bureau of Meteorology (BoM) to tell people about possible flooding.

- A **Flood Watch** means there is a developing weather pattern that might cause floods in one or two days.
- **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 Weather Warnings** - These warnings are issued 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.

## Your Emergency Plan

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

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

Visit [redcross.org.au/prepare](http://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.**

### 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 774 AM 3AW 693 AM Plenty Valley FM 88.6 FM SKY NEWS Television	
▪ VICSES Social Media	<a href="https://facebook.com/vices">facebook.com/vices</a> <a href="https://twitter.com/vicesnews">twitter.com/vicesnews</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
▪ Banyule City Council	<a href="http://banyule.vic.gov.au">banyule.vic.gov.au</a>	03 9490 4222
▪ National Relay Service NRS	<a href="http://relayservice.gov.au">relayservice.gov.au</a>	

**Life-threatening  
Emergency  
000**



## 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 [redcross.org.au/prepare](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 [bom.vic.gov.au](https://www.bom.vic.gov.au) and warnings through [emergency.vic.gov.au](https://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. Stay safe by never entering flood water. 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](https://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 they are safe.
- 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.**