



# Warragul

## Local Flood Guide



Phoenix Street, Warragul, February 2011.



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



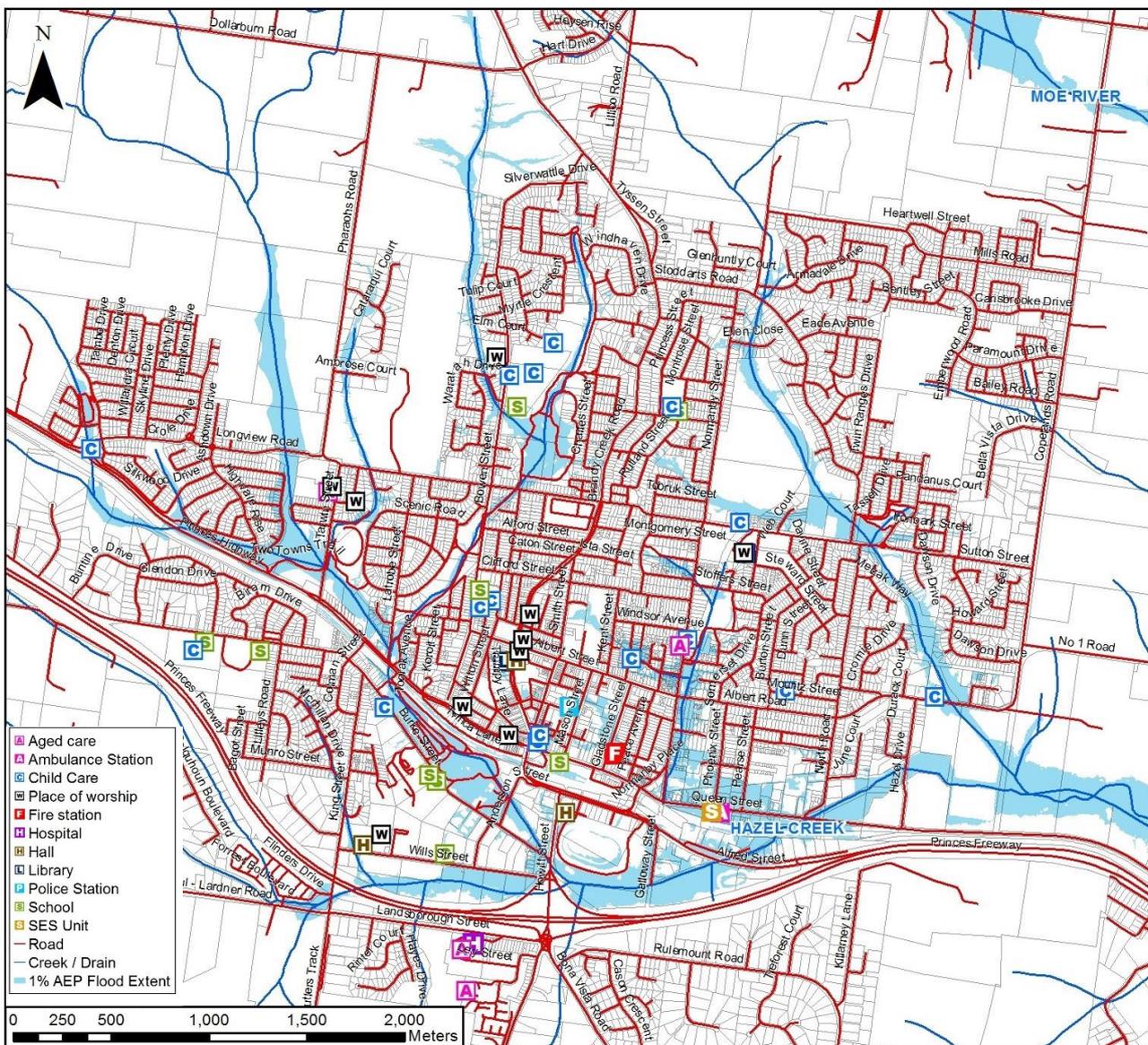
## Warragul Local Area

Warragul is the largest regional city in the Baw Baw Shire and is located approximately 100km south-east of Melbourne.

The town's major waterways are Hazel Creek and Spring Creek, which run through the western edge of the town and join in the low-lying areas east of the Howitt Street Bridge. The creeks flow east to join the Moe River which flows into the Latrobe River, then into the Gippsland Lakes and Bass Strait.

Warragul can be affected by both riverine flooding from Hazel Creek and Spring Creek as well as flash flooding from heavy rainfall over a short period of time, which overwhelms the local drainage systems.

This map below shows the expected impact of a 1% flood in Warragul. A 1% flood means that there is a 1% chance of a flood of this size occurring in any given year, sometimes referred to as a "1 in 100 year" flood.



### 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 West Gippsland Catchment Management Authority.



## Are you at risk of flood?

Flash flooding can occur in Warragul in local waterways and from overland flows after intense rainfall. Urban stormwater flooding is likely to occur within 30 minutes of heavy rainfall, because the local drainage systems become overwhelmed and can't carry excess storm water away, resulting in water pooling in naturally low lying areas. Hazel and Spring Creeks start to rise within 6 hours of heavy rain. Roads and parkland along these creeks can be flooded with fast flowing and deep floodwater.



A number of residential and commercial properties are at risk of flooding in Warragul from overland flows, flash flooding and riverine flooding. Three retarding basins have been constructed in Warragul to try to reduce the impacts of flooding on developed areas adjacent to Hazel and Spring Creeks. These are located near Tarwin Street, in Brooker Park and near Landsborough Road.



Corner Alexander and Normanby Streets, Warragul, February 2019

Many major roads through Warragul are likely to be closed during flooding to avoid further water damage to properties and to ensure the safety of residents.

## Did you know?

- In February 2011 there was widespread flooding in Warragul and surrounding areas. Some Warragul residents posted pictures of themselves to social media playing in the water. Floodwater can be filled with rubbish, faeces and chemical runoff. It is not safe or hygienic for anyone to play in floodwater.
- There is no flood warning system for Warragul and no river gauges in the immediate area. The information on page 5 and 6 will assist you with being aware of the weather conditions which may result in flooding in Warragul.
- When Warragul experiences flash flooding, there is insufficient time between rainfall and flooding to issue a flood warning.



Queen Street, Warragul, February 2011.



Corner Phoenix and Queen Streets, Warragul, February 2011.



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.

### 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 (100.7 FM and 828 AM)<br>TRFM (99.5 FM) & Gold (1242 AM)<br>SKY NEWS Television  |              |
| ■ VICSES Social Media                           | <a href="https://facebook.com/vicses">facebook.com/vicses</a><br><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>   |              |
| ■ West Gippsland Catchment Management Authority | <a href="http://wgcm.vic.gov.au">wgcm.vic.gov.au</a>   | 1300 094 262 |
| ■ Baw Baw Shire Council                         | <a href="http://bawbawshire.vic.gov.au">bawbawshire.vic.gov.au</a>   | 1300 229 229 |

**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 immediately. You will be impacted. A Major flood warning usually fits into this category</p>
	<p><b>WARNING (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. 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></p> <p>An evacuation is recommended or procedures are in place to evacuate.</p>
	<p><b>COMMUNITY INFORMATION</b></p> <p>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></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.