



# Maroondah Local Flood Guide



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





### Maroondah Local Area

The City of Maroondah is located in the middle of the outer eastern region of metropolitan Melbourne. It includes the suburbs of Bayswater North, Croydon, Croydon Hills, Croydon North, Croydon South, Heathmont, Kilsyth South, Ringwood, Ringwood East, Ringwood North and Warranwood.

The City of Maroondah is a predominantly residential area, with some commercial, industrial and semi-rural areas, and significant parklands. Maroondah is located 25 kilometres east of Melbourne’s Central Business District and covers an area of 61 square kilometres. Situated at the foot of Mount Dandenong, Maroondah is the gateway to the Yarra Valley wine growing and tourist area.

The map below shows the impact of a 1% flood in the Maroondah 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

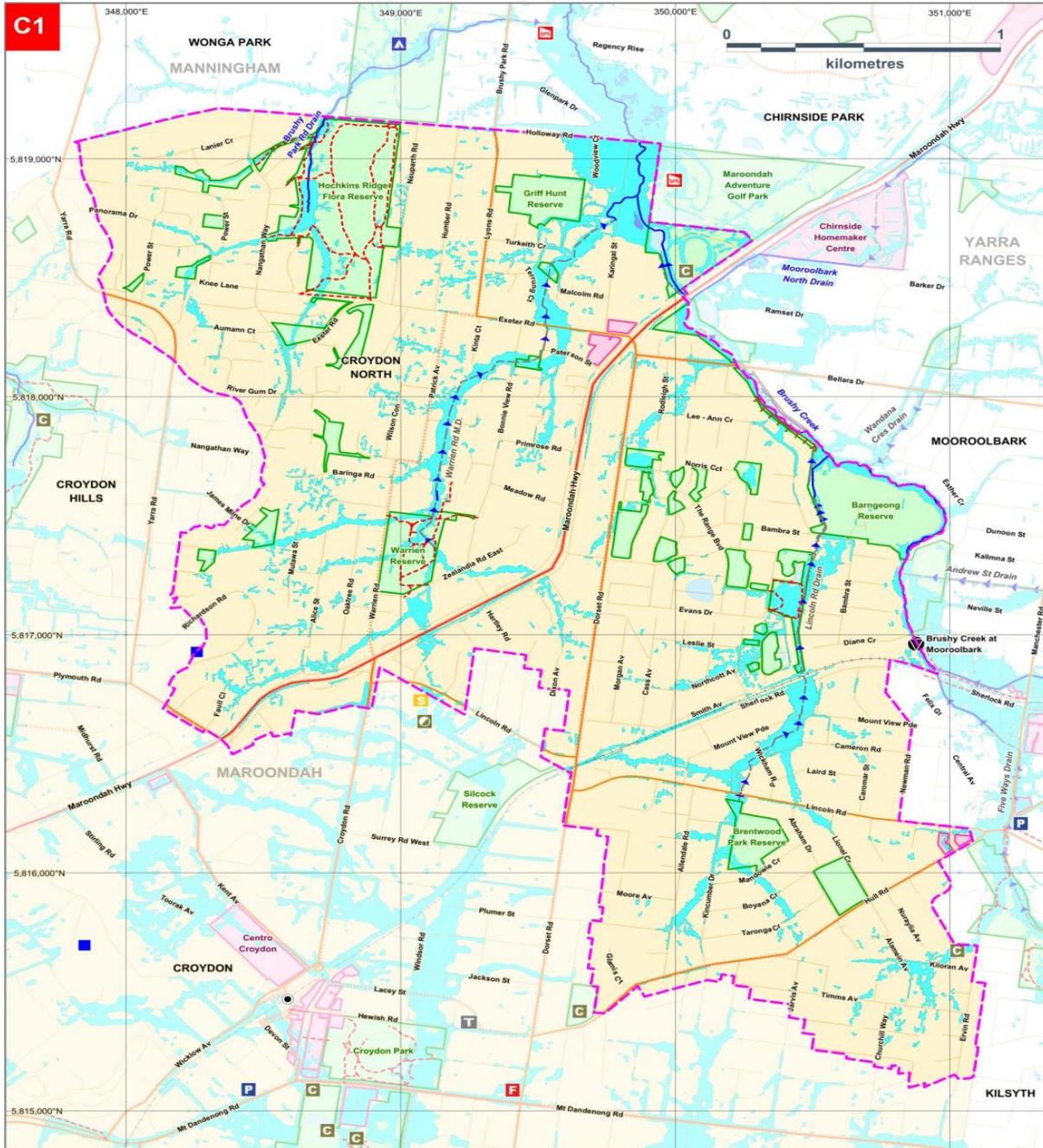
This map publication is presented by Victoria State Emergency Service for the purpose of disseminating emergency management information. The contents of the information have not been independently verified by Victoria State Emergency Service. No liability is accepted for any damage, loss or injury caused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



### Brushy Creek Catchment

Brushy Creek forms part of the north eastern boundary of Maroondah, with flows from the Creek and its associated drains passing through Croydon and Croydon North, entering the Yarra River in the City of Manningham. Flows along the Yarra can have a great impact on the ability of waters from Brushy Creek to enter the Yarra.

High intensity, short duration rainfall events can cause local flash flooding in Croydon and Croydon North, particularly around Lincoln Road Drain and Warrien Road Main Drain affecting residences and public land.



Map Produced by VICSES August 2019

**CITY OF MAROONDAH**  
 Version 3, August 2019  
**C1. Areas of flood risk around Brushy Creek**

- Waterbody
- 1% AEP Riverine Flood Extent
- 1% AEP Flash Flood Extent
- Reserve / Park
- Commercial Precinct
- Bus Route (PTV)
- Levee
- Boundary for this Appendix
- Melbourne Water Stormwater Drain
- Creek / Channel
- Bicycle / Walking Trail
- State Emergency Service
- Fire Station
- Sewer Pumping Station
- Telephone Exchange
- Municipal Depot
- Community Centre
- Police Station
- Rain Gauge
- Stream Level Gauge
- Retail Water Storage



**N**

This map publication is presented by the Victorian State Emergency Service for the purpose of disseminating emergency management information. The contents of the information have not been independently verified by the Victorian 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.



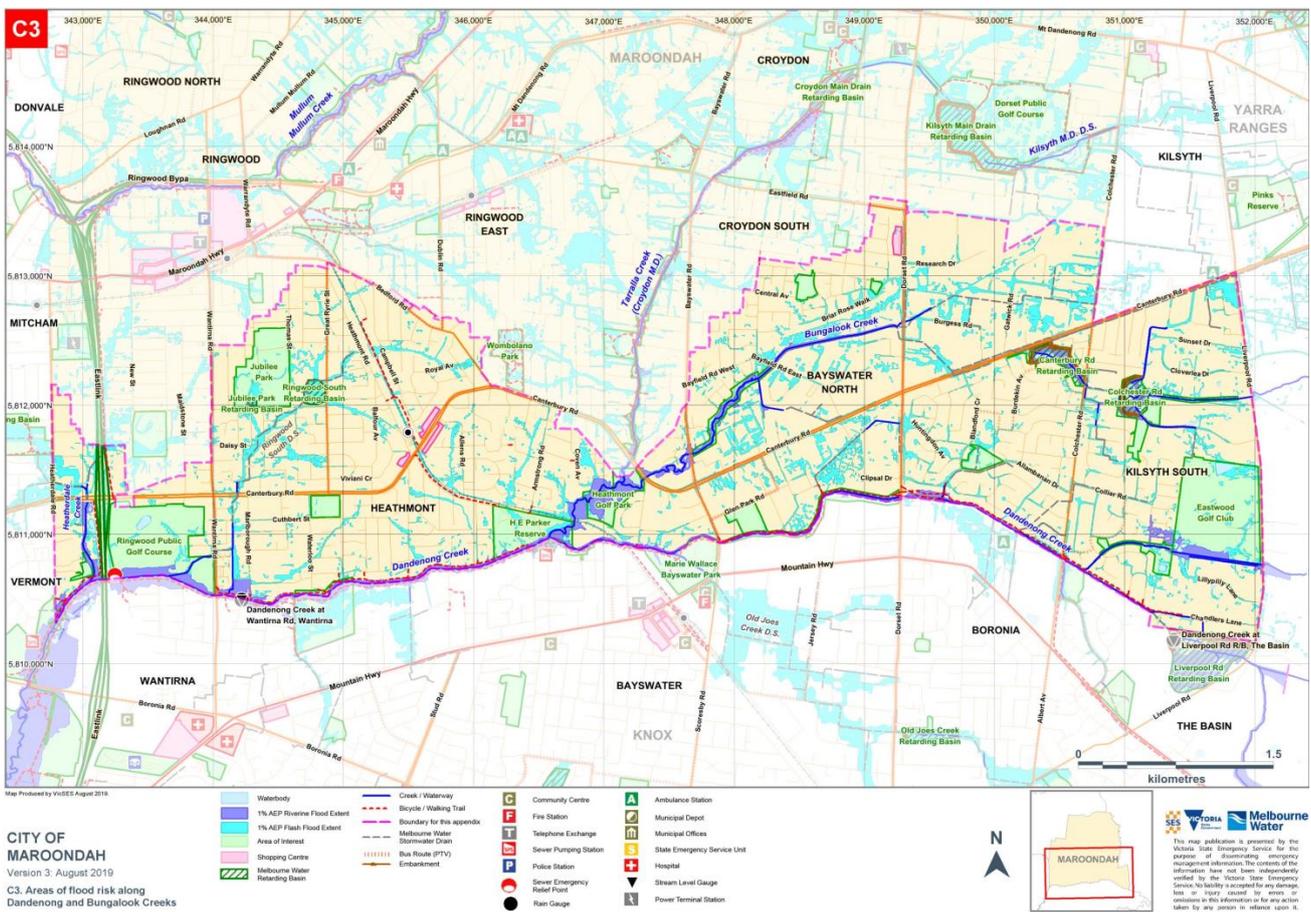
### Dandenong Creek & Bungalook Creek Catchments

Dandenong Creek enters the Municipality downstream of Liverpool Road Retarding Basin in Boronia and forms the southern boundary of Maroondah, flowing west through Kilsyth South, Bayswater North, Heathmont and Ringwood, before exiting the City at Heatherdale Road.

Bungalook Creek enters the City of Maroondah from Yarra Ranges Shire at Glasgow Road, Kilsyth and flows east through Kilsyth South, Colchester and Canterbury Road Retarding Basins, Kilsyth, Bayswater North and Heathmont, where it discharges into Dandenong Creek.

VicRoads Roads likely flooded in a 1% Annual Exceedence Probability (AEP) (100yr Average Recurrence Interval (ARI)) event

- Bayswater Road, Bayswater North at Bungalook Creek crossing
- Canterbury Road, Ringwood between Heatherdale Road and Eastlink





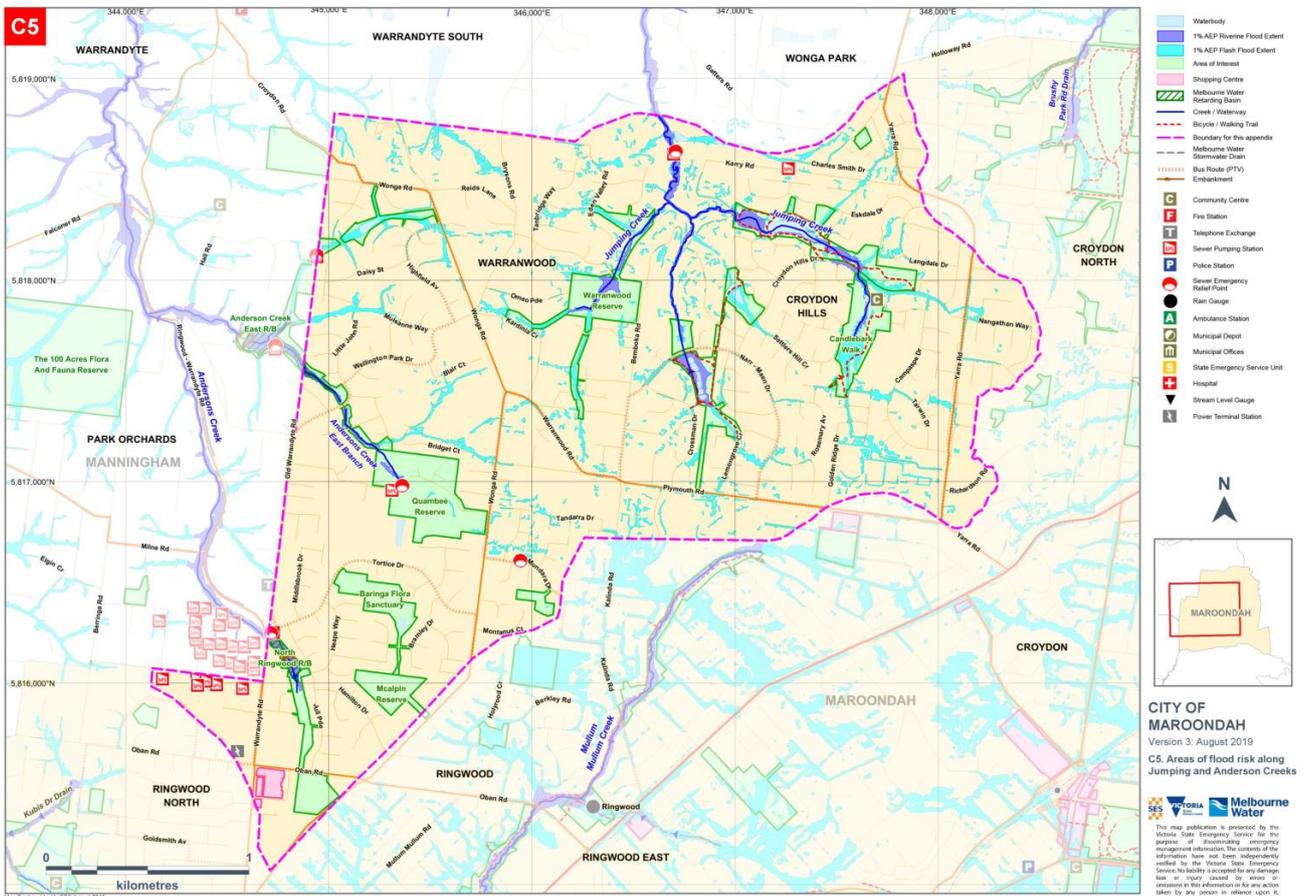
### Jumping Creek & Andersons Creek Catchment

Jumping Creek is located in Croydon Hills and Warranwood and flows north, exiting the municipality near Galtymore Close and entering Manningham. Floodwaters are likely to be fairly shallow, but fast moving due to the hilly terrain. The Jumping Creek catchment responds to short bursts of heavy rainfall, resulting in flash flooding.

Andersons Creek is located in Ringwood North, with only a small length of the creek in the City of Maroondah, flowing northwest into Manningham.

VicRoads Roads likely flooded in a 1% AEP (100yr ARI) event

- Wonga Road, Warranwood at Highfield Avenue





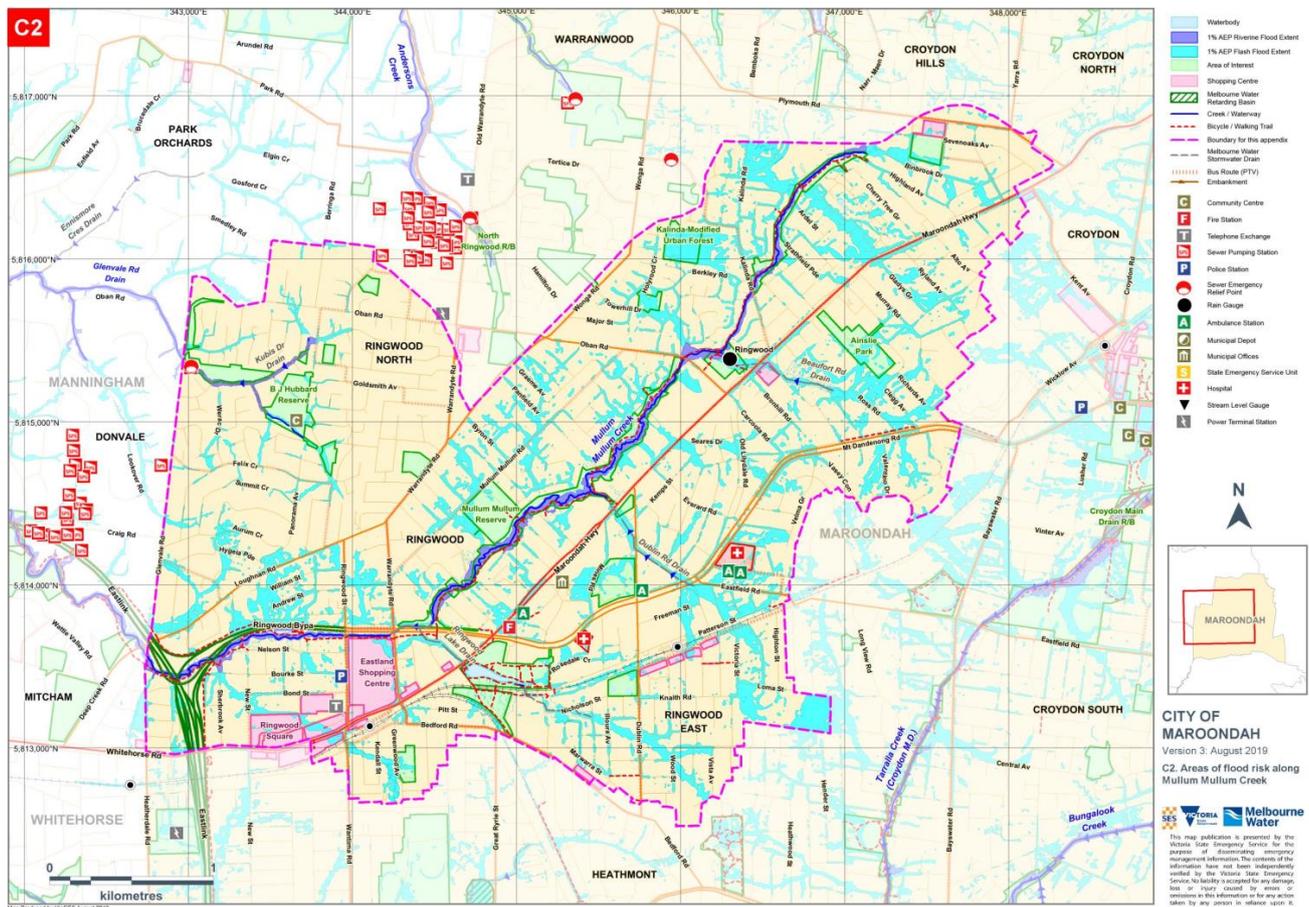
### Mullum Mullum Creek Catchment

Mullum Mullum Creek passes through the central west of Maroondah, with the creek and its associated drains passing through, Ringwood and Ringwood East before entering the City of Manningham and joining the Yarra River.

High intensity, short duration rainfall events can cause flash flooding in Croydon, Ringwood and Ringwood East, affecting roads and properties in the flow path. Prolonged rainfall may cause Mullum Mullum Creek to flood.

VicRoads Roads likely flooded in a 1% AEP (100yr ARI) event

- Maroondah Highway, Croydon westbound lanes at Burnt Bridge Shopping Centre
- Maroondah Highway, Croydon westbound lanes at Gladys Grove
- Maroondah Highway, Ringwood westbound and eastbound lanes at Seares Drive



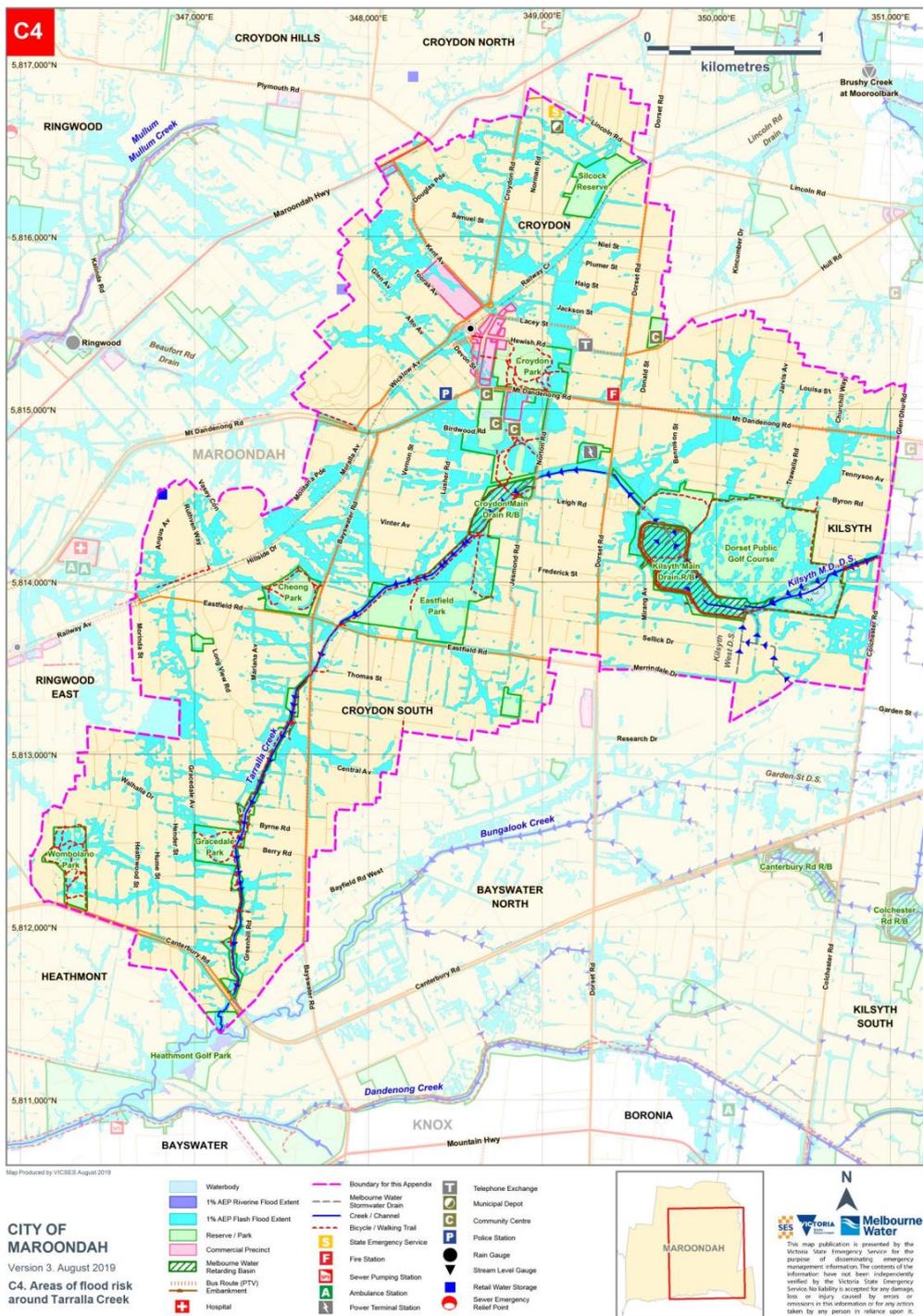


### Tarralla Creek Catchment

Tarralla Creek is fed predominantly by the Kilsyth Main Drain Drainage System which enters Maroondah at Colchester Road and flows west, through Kilsyth, the Kilsyth Main Drain Retarding Basin and Croydon. Tarralla Creek continues through the Croydon Main Drain Retarding Basin, then southwest through Croydon South, Bayswater North and Ringwood East before discharging into Bungalook Creek at Heathmont. Land use in the area is predominantly established residential and light industrial.

VicRoads Roads likely flooded in a 1% AEP (100yr ARI) event

- Dorset Road south bound lane in Croydon at Dorset Gardens Hotel
- Mount Dandenong Road, Croydon at Croydon Park





# Flood warnings and emergency checklist

## 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. 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.

 <b>A Minor Flood Warning means floodwater can:</b>	 <b>A Moderate Flood Warning means floodwater can:</b>	 <b>A Major Flood Warning means floodwater can:</b>
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.).

## Staying Informed and Further Information

- Current warnings (VicEmergency) [emergency.vic.gov.au](http://emergency.vic.gov.au) 1800 226 226
- Bureau of Meteorology (BoM) [bom.gov.au/vic/warnings](http://bom.gov.au/vic/warnings) 1300 659 217
- VicRoads Traffic [traffic.vicroads.vic.gov.au](http://traffic.vicroads.vic.gov.au)
- Emergency Broadcasters  
ABC 774 AM  
SKY NEWS Television  
3AW 692 AM
- VICSES Social Media [facebook.com/vicses](https://facebook.com/vicses)  
[twitter.com/vicsesnews](https://twitter.com/vicsesnews)
- Preparing for Flood Emergencies [ses.vic.gov.au/get-ready](http://ses.vic.gov.au/get-ready)
- Creating an Emergency Plan [redcross.org.au/prepare](http://redcross.org.au/prepare)
- Catchment Management Authority [www.melbournewater.com.au](http://www.melbournewater.com.au) 131 722
- Maroondah Council [www.maroondah.vic.gov.au](http://www.maroondah.vic.gov.au) 1300 88 22 33
- National Relay Service (NRS) [relayservice.gov.au](http://relayservice.gov.au)

**Life-threatening  
Emergency  
000**



## VICSES Warnings

VICSES utilises the VicEmergency app, website and hotline to distribute flood warnings and emergency information in Victoria. You can also access this information through our 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 of community impact.

### WARNING LEVELS

	<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.
	<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.
	<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.

### ADDITIONAL MESSAGES

	<b>PREPARE TO EVACUATE/ EVACUATE NOW</b> An evacuation is recommended or procedures are in place to evacuate.
	<b>COMMUNITY INFORMATION</b> 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.
	<b>EMERGENCY ALERT</b> During some emergencies, communities may be alerted by the sounding of a local siren, or by sending an SMS to mobile phones or a voice message to landlines.

## 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.



## Emergency Kit

Visit [Emergency Toolkit](#) for more information



Every home and business should have a basic emergency kit with a supply of 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)
- | 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 [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 [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.
- If you are staying in a caravan, move to higher ground before flooding begins.

### 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.
- 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. 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.

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