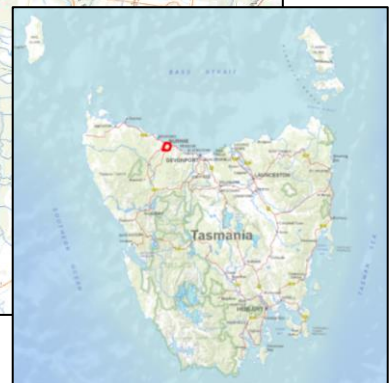
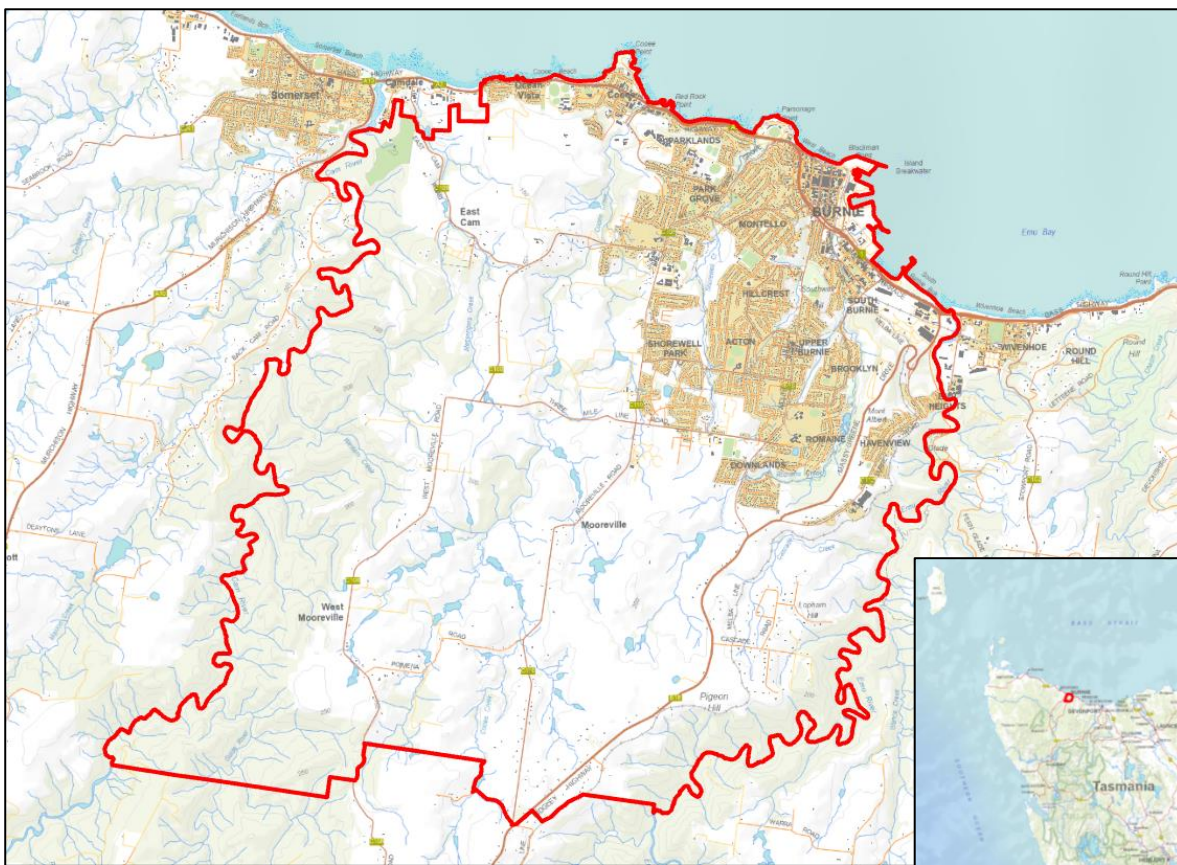
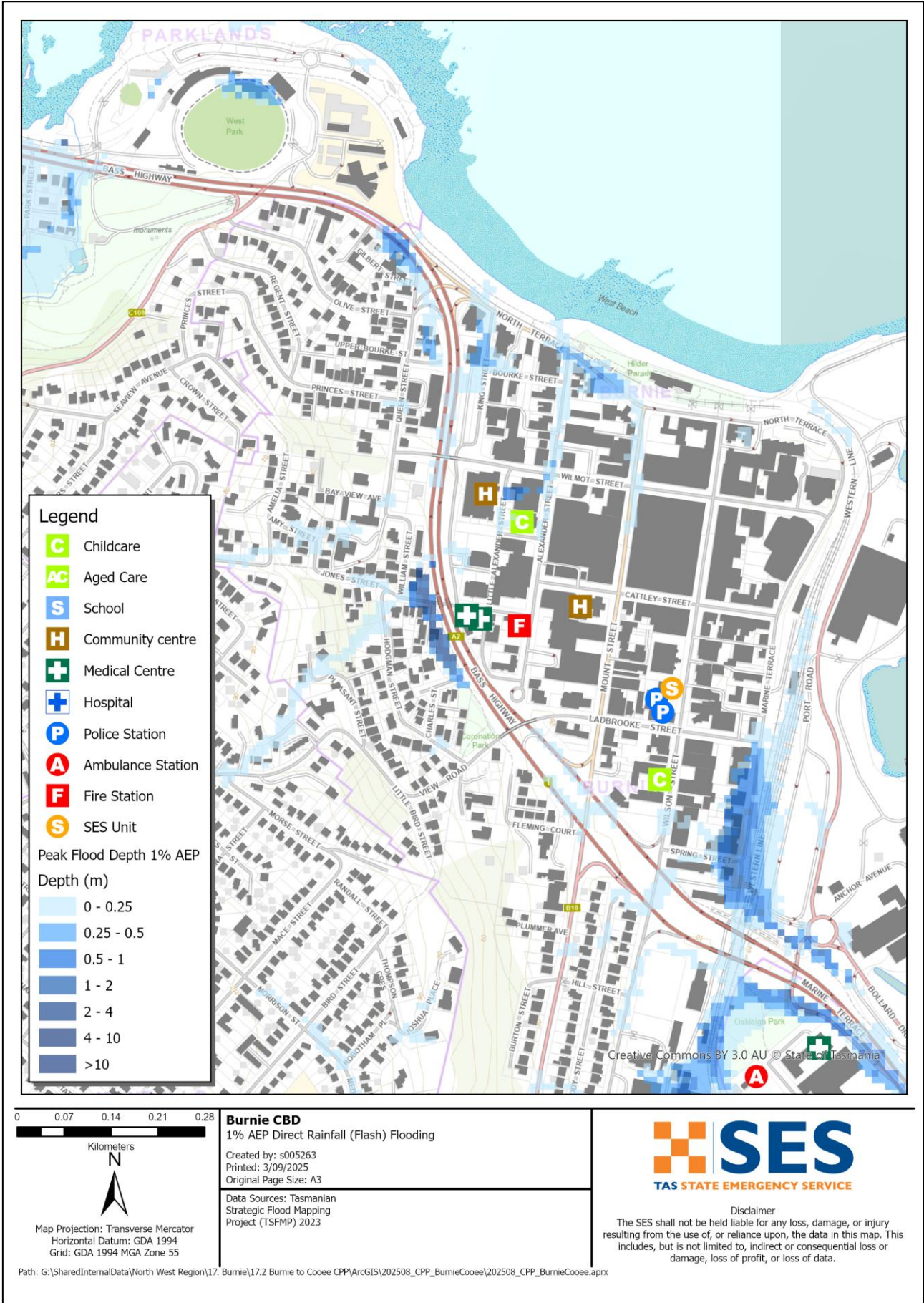


Burnie to Cooee and surrounds

Riverine and direct rainfall flooding information for communities west of the Emu River to Ocean Vista

DRAFT version 0.1 August 2025 - Please email comments to ses@ses.tas.gov.au





To see the maps in more detail, [see the Tasmanian Strategic Flood Maps.](#)

Understand your risk and get ready

If there is a major flood in this area, the Emu River and Cooee Creek could flood houses, businesses and roads, including the Bass Highway.

- In Cooee, properties on the Bass Highway, Thirkell St and Turrung St are most at risk of flooding
- In Burnie, the Emu River could flood Fern Glade Rd and the Bass Highway bridge

If there is heavy local rain the creeks in this area can flood, impacting many parts of Burnie CBD and surrounding areas. This is known as flash flooding. Flash flooding means there can be little specific warning beyond forecasts for heavy rain or severe weather.

The creeks that could cause flooding to properties and roadways include:

- Messengers Creek, in East Cam
- Shorewell Creek in Parklands
- Whalebone Creek in Hillcrest and Burnie
- Romaine Creek in South Burnie.

The maps in this guide show the level of flooding that has a 1% chance of happening any year. You are likely to experience flooding such as that shown in the maps in your lifetime. Tasmanians need to prepare for flood events that may not happen often as well as the minor flooding they may have experienced.

Even if your home is not inundated, you should be prepared for isolation plus potential power and telecommunications outages. The Bass Highway may be cut at Cooee and South Burnie during a major flood event. This includes access to the region's main hospital from areas to the east. Travel in the area is likely to be difficult or impossible until roads are clear. If you are safe at home or elsewhere, it is usually best you stay where you are until the flooding subsides, unless there is an emergency. If you need to evacuate, you should leave early, before flood waters rise.

Listen to ABC local radio 102.5FM or 91.7FM for warnings and advice.

Are you at risk of flood?

Floods affected this area in 2016, 2011 and 2008. In 2011 Cooee Creek flooded many businesses and buildings in Cooee near Cambria Rd. In 2008 Romaine Creek flooded properties in South Burnie.

What should I do?

- Check the map to see whether your home or business could flood.
- Assess your home or business and prepare it to minimise possible flood damage.
- Check if you can safely get to your home, work, or school during a flood.
- Prepare a Home Emergency Plan. Consider if you need to evacuate before a flood. See [Get Ready for Emergencies](#) – A guide for individuals and households to prepare for emergencies.

- If you may be isolated and you must have access to services, you may need to evacuate early.

To see the maps in more detail, [see the Tasmanian Strategic Flood Maps](#).

Floods like the one shown in the maps, or worse, will occur again. No two floods are the same.

If you live in a low-lying area or near a watercourse, your house may flood. Even if your home is safe, you may need to detour around flooded areas or your road access may be cut. Never drive into or enter flood waters. Roads and bridges may be washed out or unsafe. Avoid travel during floods.

Knowing what to do can save your life and help protect your property. Having a Home Emergency Plan is one of the best ways to prepare. Decide on weather and rainfall triggers for when to act.





Legend

- Likely Temporary Road Closure
- Childcare
- Aged Care
- School
- Community centre
- Medical Centre
- Hospital
- Police Station
- Fire Station
- SES Unit

Peak Flood Depth 1% AEP (m)

Depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1
- 1 - 2
- 2 - 4
- 4 - 10
- >10



South Burnie
1% AEP Direct Rainfall (Flash) Flooding

Created by: s005263
Printed: 23/09/2025
Original Page Size: A3

Data Sources: Tasmanian Strategic Flood Mapping Project (TSFMP) 2023



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Path: G:\Shared\InternalData\North West Region\17_Burnie\17.2 Burnie to Coee CPFA\c029\202508_CPP_BurnieCoee\202508_CPP_BurnieCoee.aprx

Bureau of Meteorology Forecasts, Warnings, and Observations

The Bureau issues a **Flood Warning, Severe Weather Warning and/or Thunderstorm Warning for heavy rainfall that may lead to flash flooding** whenever **heavy rain** is expected in an area. The time between the warning and heavy rain occurring can vary from an hour to 24 hours or more.

There are no formal flood warning river levels for the waterways in this plan.

Rainfall Observations at Burnie (Park Grove), Lower Ridgely and Wynyard Airport can indicate possible flood risks. Given the very short warning times, it is best to act on the predictive BoM warnings rather than wait for any flood alerts during rainfall.

The [N.W. Tasmania](#) (West Takone) radar is useful to be aware in real-time where heavy rainfall is falling. Radar Rainfall estimates can also fill in gaps in areas where there are no rainfall stations.

Understand the warnings and key information

Keep aware of what is happening around you. Check forecasts, observations and warnings regularly.

- [TasALERT.com](#)
- [your local ABC radio station](#) or
- the [Bureau of Meteorology's](#) website.



Advice (Yellow): an incident has started. There is no immediate danger. Stay up to date in case the situation changes.



Watch and Act (Orange): There is a heightened level of threat. Conditions are changing and you need to start taking action now to protect you and your family



Emergency Warning (Red): An Emergency Warning is the highest level warning. You may be in danger and need to take action immediately. Any delay now puts your life at risk.



Community update (Blue): Specific information and updates for affected communities regarding a particular event or incident.



Incident (White): an incident is the initial occurrence of an event before it becomes an emergency warning. As soon as an incident is reported, TasALERT publishes information including the type and location of incident.

For more information see www.ses.tas.gov.au/warnings/ .

Flood levels

While no two floods are the same, the following describes what you can expect at different flood levels around the area. Even if your property is not flooded, you need to think about access. Different levels of rainfall can cause flooding depending on its intensity, duration, how wet the ground is beforehand and where the rain falls.

Minor flooding

A minor flood can inundate low lying parkland, streets, orchards and other farmland. Stock should be moved for their safety and vehicles/machinery parked on higher ground.

Jones Street, North Terrace and Marine Terrace in the Burnie CBD may be flooded, as well as Turrung Street in Cooee and Linton Street in Upper Burnie.

Moderate flooding

There is more extensive flooding of agricultural land and some buildings may be impacted to above floor height. Some properties may be isolated for a few hours as minor roads become flooded.

The access roads to Burnie Port may be closed and other low-lying streets and buildings flooded, including

- View Rd, Park Grove
- Oldaker St, Park Grove

Properties in the flow path of Whalebone Creek may be flooded.

Major flooding

There is at least a 2% chance in any year of major flooding that can flood homes and other buildings in parts of Cooee and the suburbs and CBD of Burnie. In surrounding agricultural areas, most flooding will affect roadways only. This could lead to isolation for some areas.

This level of flooding could be as a result of about 76mm of rain over 6 hours around Park Grove in Burnie for example. Flooding can close the Bass Highway at several locations plus impact low lying properties in areas such as:

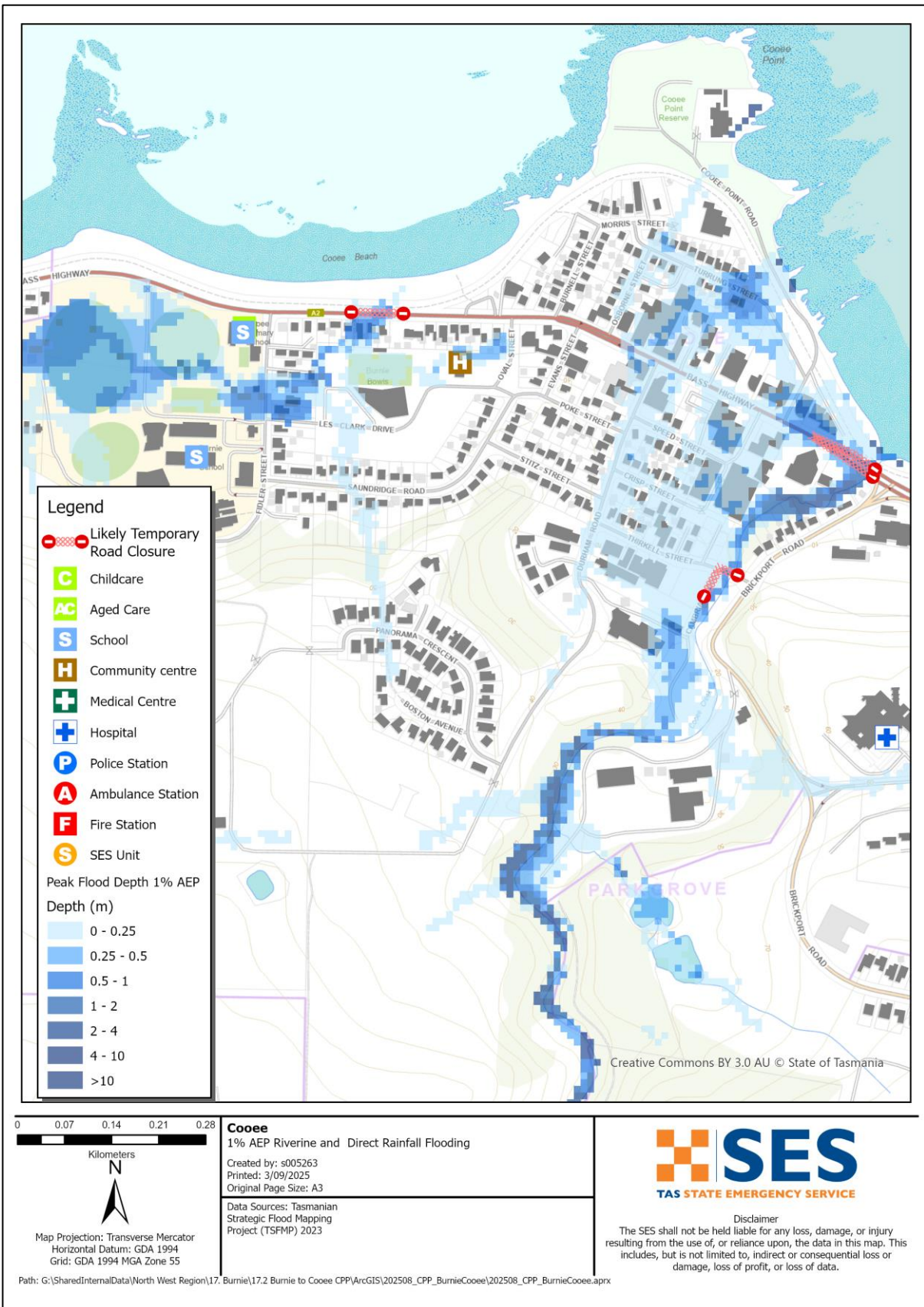
- In Cooee, Cooee Creek could flood along the Bass Highway, closing the road and flooding businesses throughout the area, including the medical clinic. Flooding on Turrung Street and Cambria Street could be deep and hazardous. If heavy rain is falling directly on this area, it could cause extensive flash flooding
- Flooding in Romaine Creek could close the Bass Highway and flood buildings in South Burnie
- Cooee Creek in Park Grove would flood West Mooreville Road
- Roads and properties in the flow paths of Shorewell Creek, Whalebone Creek and Romaine Creek may be flooded if there is heavy local rain
- The Emu River could flood Fern Glade Road

In urban areas flooding can be affected by

- tides
- stormwater infrastructure

- new development and
- debris

For flooding information about areas east of the Emu River, see the Wivenhoe Flood Guide.





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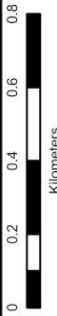


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Data Sources: Tasmanian Strategic Flood Mapping Project (TSFMP) 2023

Downlands, Romaine and Havenview
 Riverine and Direct Rainfall Flooding 1% AEP

Created by: s005263
 Original Page Size: A4



Kilometers
 Map Projection: Transverse Mercator
 Horizontal Datum: GDA 1994
 Grid: GDA 1994 MGA Zone 55

Know your risk, prepare, reduce risk where you can, connect with others, keep up to date and act safe.

BEFORE

1. Know your risk

Flooding can cause widespread and significant damage. In the past 200 years there have been 78 flood related deaths in Tasmania. This guide is to help you understand flood risk in your area.

2. Prepare your household

Have an emergency plan that covers storms and floods

Create a plan, which covers what you would do in a storm or flood. Make sure everyone in your household understands the plan. There are checklists to help you think through your plan – see [Get Ready for Emergencies](#) – A guide for individuals and households to prepare for emergencies.

Check your plan regularly and test that everyone in the household understand what would need to happen in a flood.

Prepare an Emergency Kit

Ready to go	Pack when needed
<ul style="list-style-type: none">• Your emergency plan• Battery powered radio and torch, spare batteries – regularly tested• Other Important information• Rubber or strong leather gloves• A list of emergency numbers• First aid kit• Food and water	<ul style="list-style-type: none">• Warm clothes, sturdy shoes or boots• Medicines, glasses and other essential items• Mobile phone and phone charger• Pet food and anything else your pets need• Photos and special keepsakes• Important documents, for example<ul style="list-style-type: none">• insurance papers• passports• birth certificates• Money

3. Reduce your risk from flooding where you can do so safely

- Think about flooding and other hazards when buying, maintaining or developing property.
- Trim or remove trees and branches overhanging your home, business or near powerlines on your property.
- Keep your gutters and drains clear.

4. Connect with others

Get to know your neighbours and your community. A connected community can be safer and more resilient in an emergency and can help everyone recover better afterwards. Check that family and neighbours are safe and aware of what's happening.

DURING

5. Stay alert

Keep aware of what is happening around you. Check forecasts, observations and warnings regularly.

- www.TasALERT.gov.au
- [your local ABC radio station](#) or
- the [Bureau of Meteorology's](#) website.

6. Act safe

- Supervise children.
- Prepare for possible power, water or internet outages.
- Check your emergency kit is ready to go.
- Keep clear of flooded areas such as drains. **NEVER** walk, play, ride or drive in floodwater. You can't always see what is under the water or how deep or fast-moving the water is. It is easy to be swept away and drown in as little as 20cm of fast-moving water. Flood water can be dangerous. There may be pollution from sewerage or chemicals.

When your home may be flooded

- Put household items up high to minimise possible damage.
- Turn off the electricity and gas if it is safe to do so.
- A great way to stop sewerage flowing back into your home is to place sandbags inside plastic bags and use them to block toilets and cover drains and sinks.
- Leave while you can get out safely.

If you need to evacuate

- Follow the advice from SES / Tasmania Police.
- Take your emergency kit.
- Go to friends or family in a safer place or an evacuation centre, if open.
- Let others know where you have gone.

Look after your animals

You are responsible for your animals in an emergency. If you have pets and other animals it will take you longer to evacuate in a flood or other emergency. Move animals from flood

prone areas well before flood waters may rise. For more information see [RSPCA's guidance on preparing for animals in an emergency](#).

Avoid travelling during and after storms

- Never drive through flood waters. Most deaths and rescues in floods are from people driving through flood waters.
- Drive slowly and turn your headlights on roads not affected by flood waters.
- Watch out for hazards such as
 - water over roads
 - damaged powerlines
 - landslides
 - damaged roads
 - falling trees or roofing iron.
- Do not go sightseeing. Sightseers delay emergency services and cause accidents.

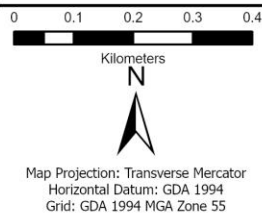
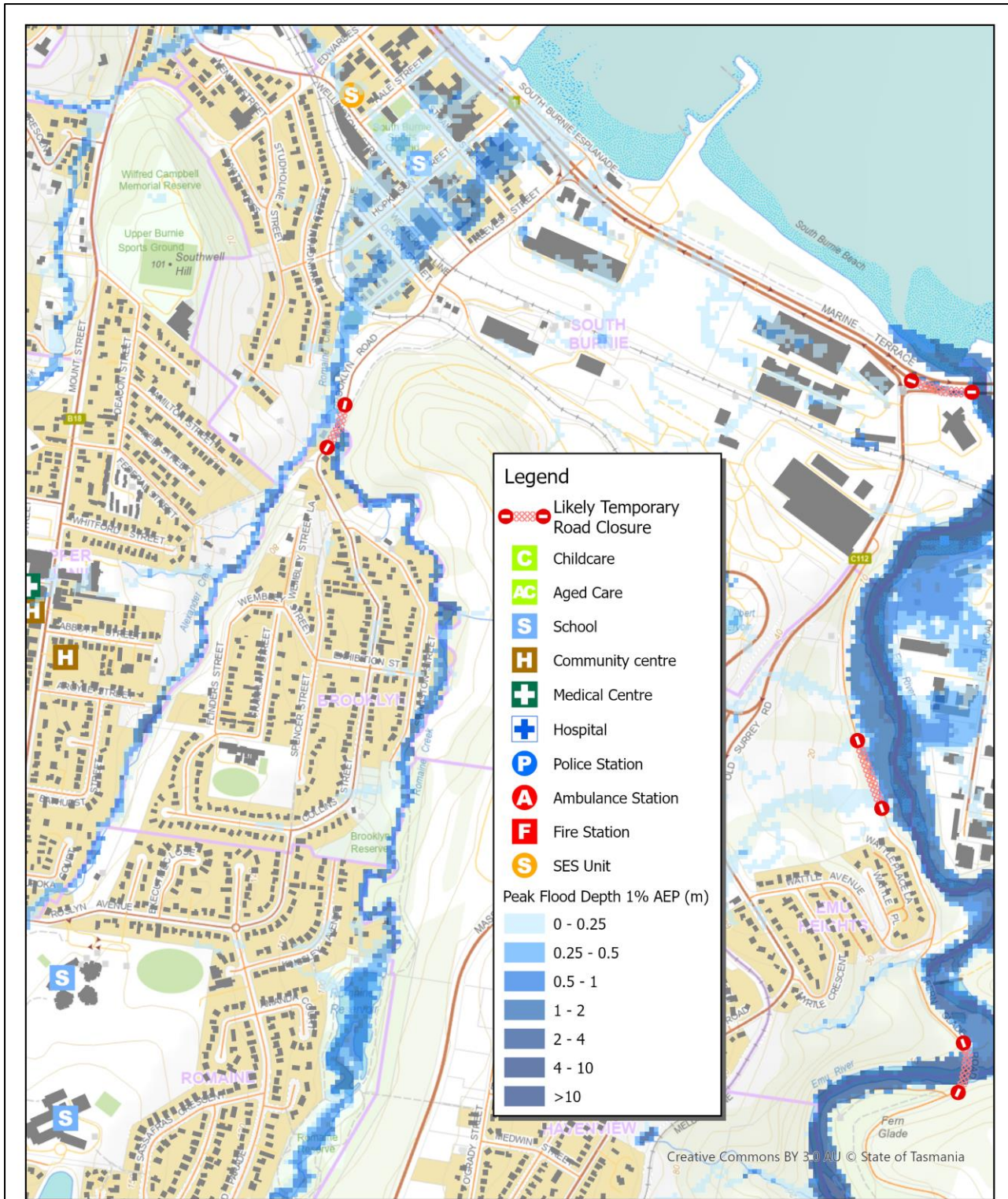
AFTER

- Keep checking [TasALERT.com](#) and/or listen for ABC Local Radio updates on road re-openings, community meetings, etc.
- If you left your home, do not return home until SES or Tasmania Police tell you it is safe.
- Be aware of road hazards, such as mud or debris on the road, damaged roads/bridges and crews working on clean-up and repairs.

If your home has been damaged

- Stay at ground level while checking for damage. Be careful of fallen trees, broken glass, loose roofing or other hazards.
- Wear strong boots, gloves and protective clothes.
- Supervise children.
- Use a torch, never use matches or candles inside flood affected buildings.
- Do not turn on electricity or gas until it is tested by a licensed electrician or gas fitter for safety.
- Boil all drinking water until you are told the tap water is safe again.
- If your home is damaged and you need to stay somewhere else, take your emergency kit and pets with you
- Take photos of any damage if safe for you to do so and contact your insurance company.
- Check neighbours are okay.

For further information go to www.ses.tas.gov.au



Emu River and Romaine Creek
1% AEP Riverine and Direct Rainfall Flooding
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Data Sources: Tasmanian Strategic Flood Mapping Project (TSFMP) 2023



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Staying informed and further information

Current warnings (TasAlerts)	alerts.tas.gov.au
Bureau of Meteorology (BoM)	bom.gov.au/tas/warnings
Emergency Broadcasters	ABC 102.5 FM
TASSES Social Media	facebook.com/sestasmania
Preparing for Flood Emergencies	ses.tas.gov.au /flood-plan/
Burnie City Council	burnie.tas.gov.au 6430 5700
National Relay Service (NRS)	relayservice.gov.au



For flood assistance call
132 500
ses.tas.gov.au/flood-plan

Disclaimer

The maps show potential flooding risks from consistent levels of rainfall across catchments, such as a 1% Annual Exceedance Probability (AEP). In flooding events, rainfall is likely to be more inconsistent across a catchment, so these flood maps should be considered indicative only. The mapped areas of flood risk show higher probability of inundation. Other areas have lower probability of flooding, but in severe and rare events (rarer than 1% AEP), other lower areas may be also at risk of inundation.

The information in this guide is current at the date of publication. While every effort has been taken to ensure the validity and accuracy of the data presented, the State Emergency Service does not take responsibility for data error or omission. Please see the standard [Tasmanian Government's Copyright and Disclaimer Statement](#) for more details.

