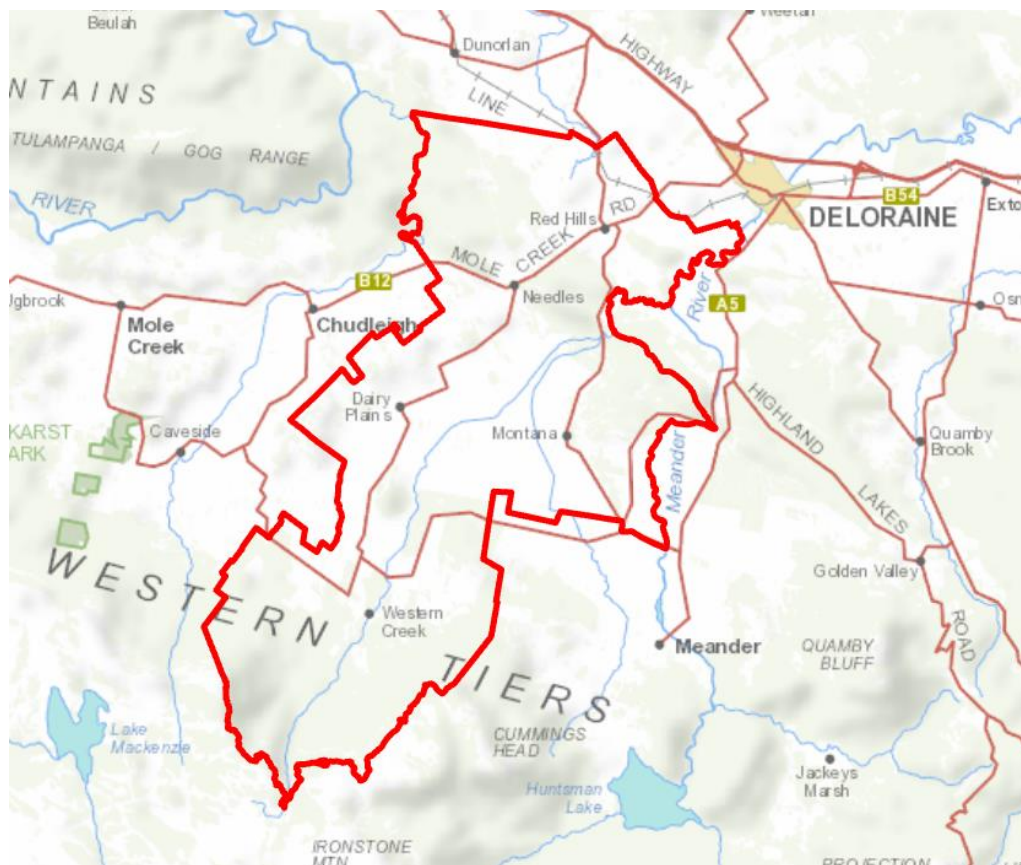




Dairy Plains and surrounds

Riverine and flash flooding information for Western Creek, Meander River and in areas including Red Hills, Needles, Dairy Plains, Montana

FINAL version 1.0 January 2025



For flood assistance call

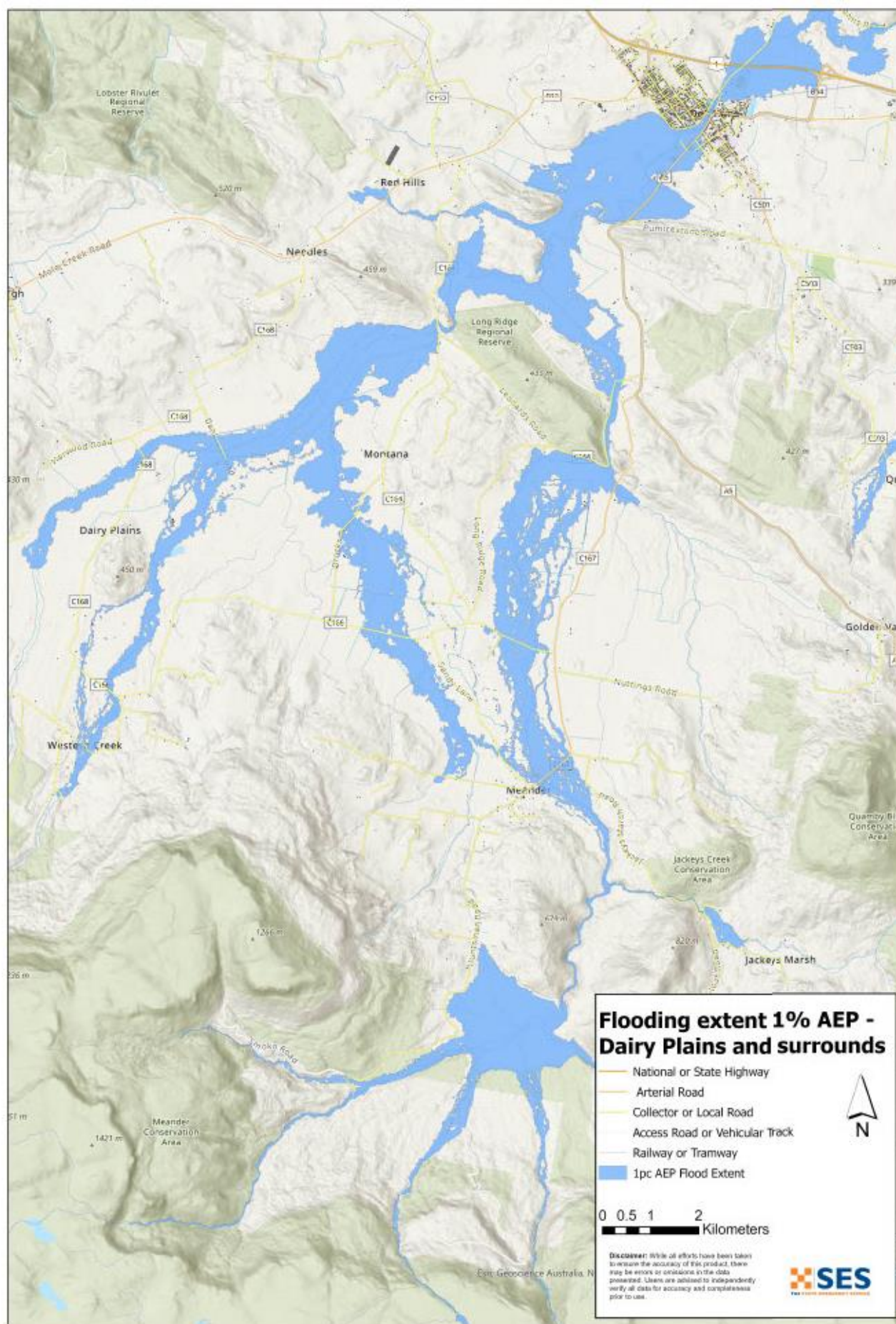
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ses.tas.gov.au/plan-prepare/flood



Meander Valley Council
Working Together





If Dairy Plains and surrounds has a major flood, low lying areas to the west of the Meander River and its tributaries can be flooded. Highland Lakes Road, Cheshunt Road and Western Creek Road are likely to be impassable in several places. Some residential buildings in the Western Creek area may become flooded. Flooding, landslips or fallen trees may also cut minor roads. It is dangerous to drive through flooded roads, particularly in isolated areas.

Some other areas may flood from minor waterways, including

- Dale Brook,
- Leiths Creek, and
- Dampers Creek.

These waterways do not have specific warnings beyond forecasts of heavy rain or severe weather.

The maps in this guide show the level of flooding that has a 1% chance of happening any year (known as Annual Exceedance Probability (AEP)). 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. 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 91.7FM for warnings and advice.

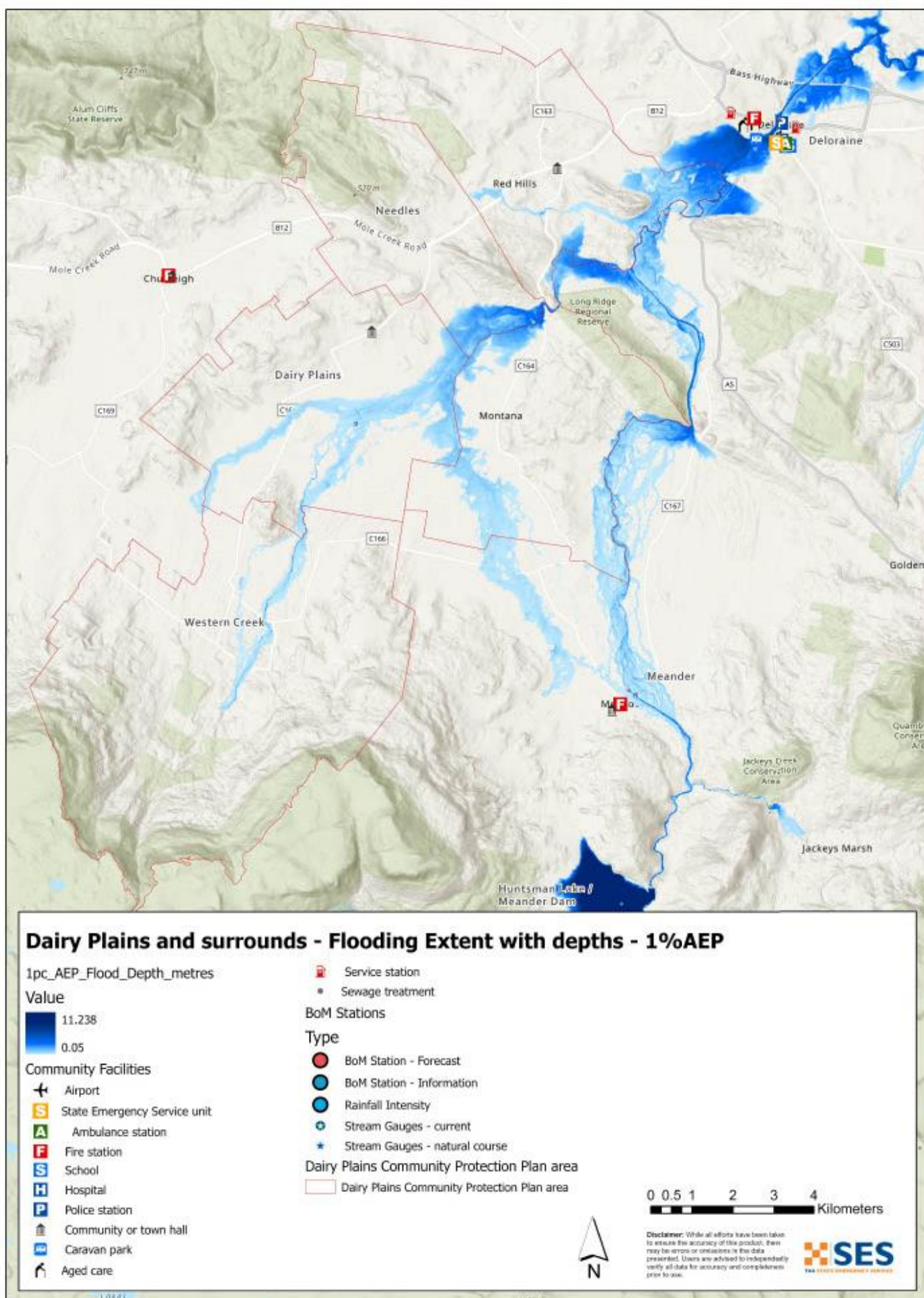
Are you at risk of flood?

The Meander River has a long history of flooding, with major events in 2022, 2016, 2011, 2005 and 1995. The area often has minor flooding.

This area can experience heavy rain, and riverine and flash flooding. Local roads and bridges have previously seen damage, impacting road access to the area. Low lying areas, particularly those near waterways and drainage are more likely to see levels of inundation. However, large parts of this community will be isolated for varying lengths of time during moderate to major flooding events.

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



Floods like the one shown in the map, 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.

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.

Whenever rain that may lead to flooding along the Huon River is expected, the Bureau will issue:

- A Flood Watch – a "heads up" early advice of forecast weather that may lead to flooding
- A Flood Warning – giving a prediction of when flooding is likely to develop at gauge locations and possibly forecasting the likely peak river level. Warnings are updated regularly.

SES and the Bureau will issue warnings when the Meander River reaches the following levels.

River gauges	Alert	Minor	Moderate	Major
Meander (Meander River) (091267)	1.8m	2.0m	3.0m	3.5m

Western Creek does not have a river gauge, therefore there is no set trigger levels for Minimum, Moderate and Major floods. There are no formal warning levels for other waterways in the area as the river systems are too short.

Rainfall Observations at Meander River, Jackeys Marsh and other nearby rain gauges 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](https://www.bureauofmeteorology.com.au/) 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 published basic 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

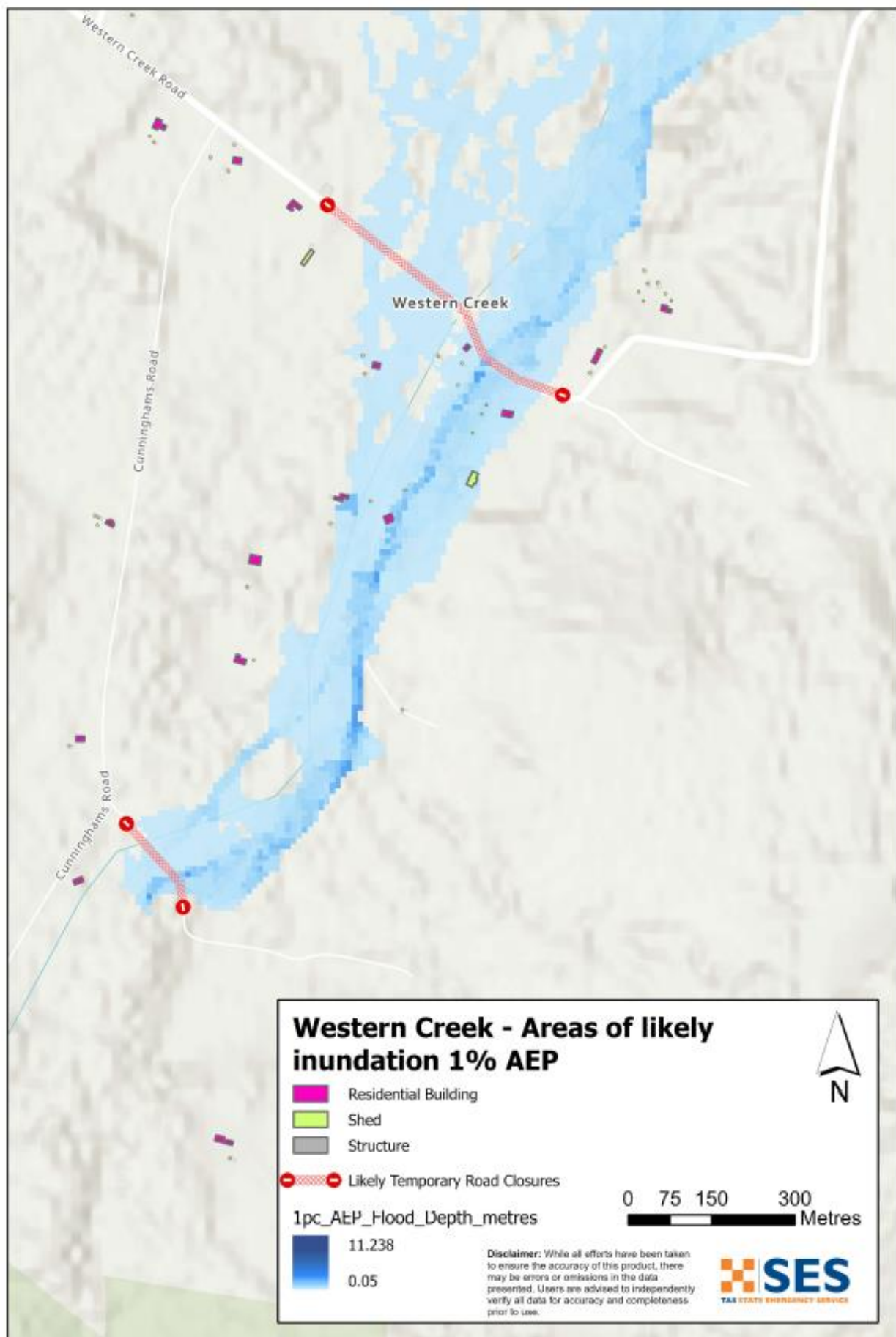
- rain intensity,
- rain duration
- how wet the ground is beforehand and
- where the rain falls.

Minor Flooding

A minor flood can inundate low-lying paddocks and other farmland. Stock should be moved for their safety. There may also be some flooding across some minor roads and parkland areas. Minor flooding may close some local road and flood agricultural areas.

Moderate flooding

Moderate flooding means more extensive flooding of agricultural land. Some buildings may be flooded to above floor height. Moderate flooding will likely close the Highland Lakes Road, and other local roads. Some properties may be inundated, particularly in the Western Creek area. Some properties may be isolated for a few hours as minor roads become flooded.



Major flooding

A major flood on the Meander River means the river height is at least:

- 3.5 metres at Meander River (Meander)
- Other waterways in the area that may flood are:
- Western Creek – including tributaries Leiths Creek and Dale Brooks
- Dampers Creek
- Woodlands Creek
- Stockers Creek
- Leiths Creek

This level of flooding is approximately the level of the 2016 floods. There is about a 5% chance of such a flood happening any year (5% AEP). Tasmanians need to be prepared for floods that have a 1% chance of happening every year (1% AEP).

Depending on where the rain falls, this 1-5% of flooding is likely to

- Close Highland Lakes Road, cutting off access to Deloraine
- Close other roads including
 - Cheshunt Road
 - Dairy Plains Road
 - Western Creek Road
 - Mole Creek Road
 - Bankton Road
 - Brocks Road
 - Fellows Road.
- Isolate areas in
 - Dairy Plains
 - Western Creek
 - Montana
 - Needles
 - Red Hills.
- Flood some properties in low-lying areas near Western Creek.
- Impact low-lying areas near waterways across
 - Dairy Plains
 - Western Creek
 - Montana
 - Needles
 - Red Hills.

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 create your plan – see the [SES website](#) or [Red Cross Rediplan](#).

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
• 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	• 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 • 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](#) and [City of Hobart's advice on Pet Management and Emergencies](#).

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.

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 <https://www.tas.gov.au/codi>.

Flooding Extent 1% AEP - Likely road closures and isolated areas

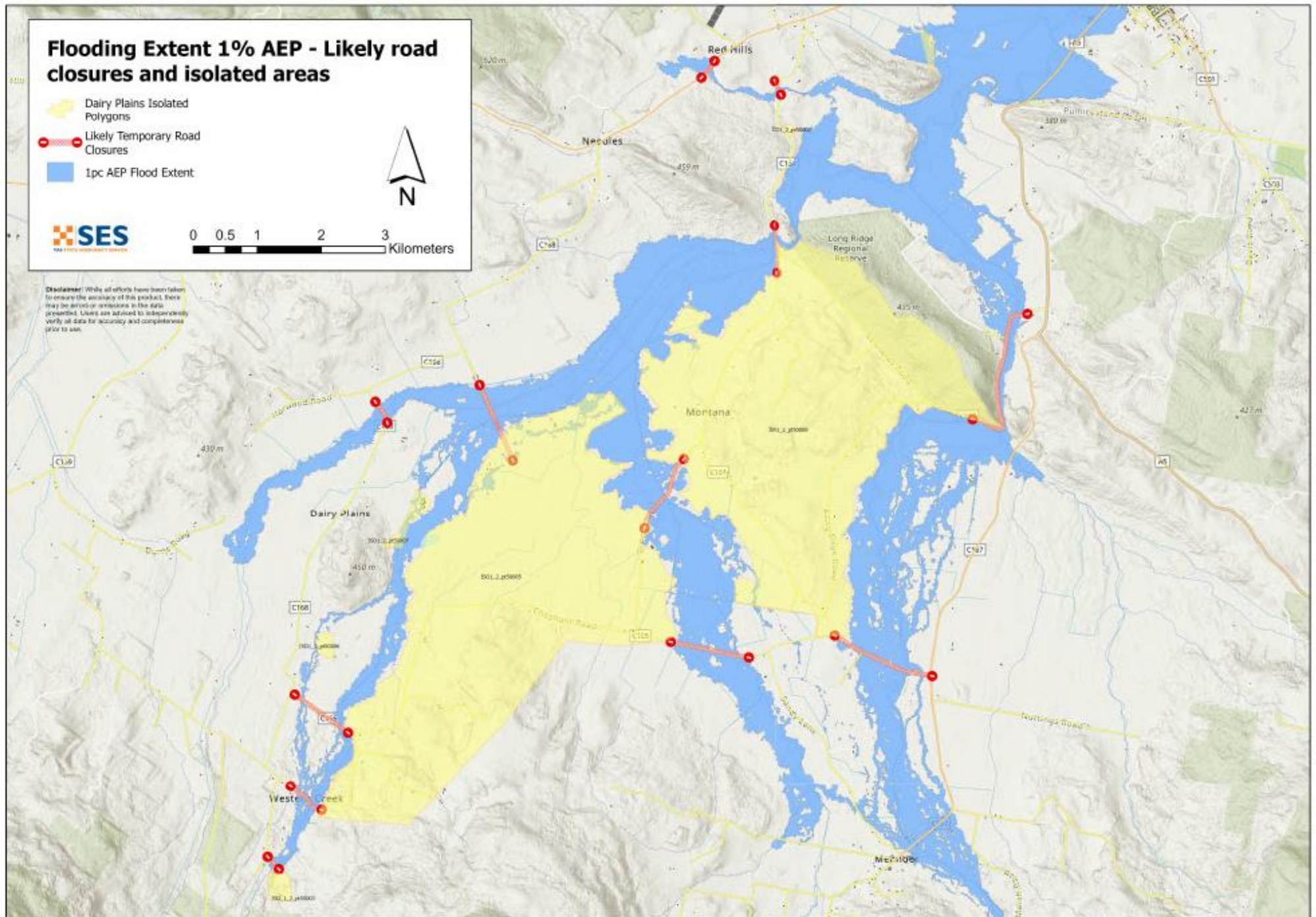
- Dairy Plains Isolated Polygons
- Likely Temporary Road Closures
- 1pc AEP Flood Extent



0 0.5 1 2 3 Kilometers



Disclaimer: While all efforts have been taken to ensure the accuracy of this product, there may be errors or omissions in the data presented. Users are advised to independently verify all data for accuracy and completeness prior to use.





Staying informed and further information

Current warnings (TasAlerts)	alerts.tas.gov.au	
Bureau of Meteorology (BoM)	bom.gov.au/tas/warnings	
Emergency Broadcasters	ABC 936AM	
TASSES Social Media	facebook.com/sestasmania	
	twitter.com/sestasmania	
Preparing for Flood Emergencies	ses.tas.gov.au/plan-prepare/flood	
Meander Valley Council	meander.tas.gov.au	6393 5300
National Relay Service (NRS)	relayservice.gov.au	



For flood assistance call

132 500

ses.tas.gov.au/plan-prepare/flood



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