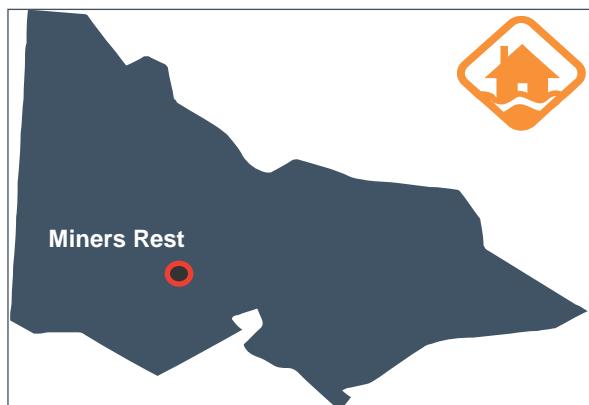




Miners Rest

Local Flood Guide

Burrumbeet Creek information at Miners Rest



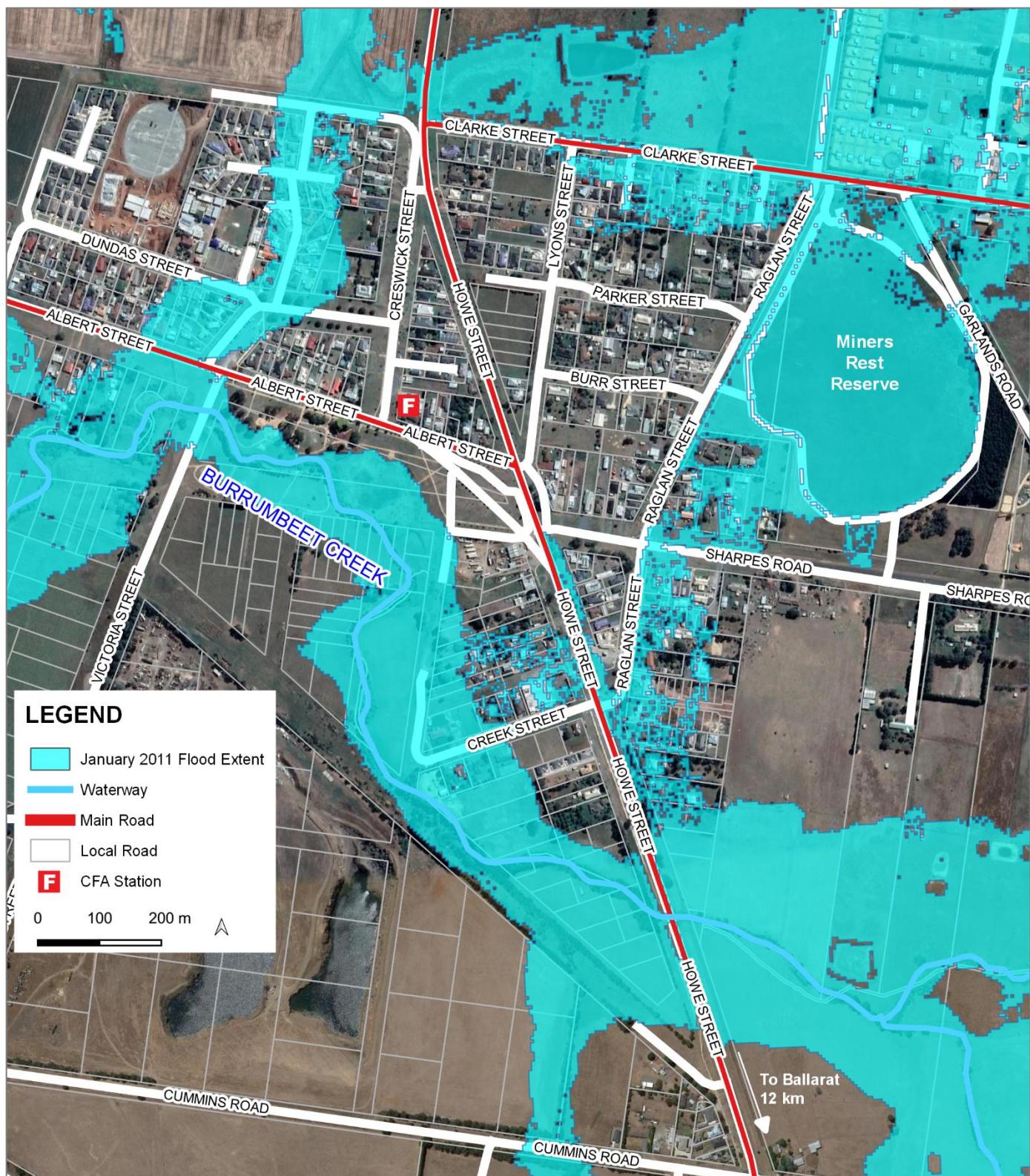
For flood emergency assistance call
VICSES on 132 500





Miners Rest

Miners Rest is located on the banks of Burrumbeet Creek close to the north-western outskirts of Ballarat. Burrumbeet Creek is over 30 kilometres long. It flows from Invermay, heading west through Miners Rest and Windermere before it flows into Lake Burrumbeet. At Burrumbeet Creek the surrounding land is flat, many wetlands swamps areas too, and flooding often affects large areas around Burrumbeet creek. The map below shows flooding in Miners Rest in January 2011.



Disclaimer: this map publication is presented by Victoria State Emergency Service to disseminate information, the contents 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 Corangamite Catchment Management Authority.



Are you at risk of flood?

Miners Rest can be affected by stormwater flooding and flash flooding. Both types of flooding can occur on their own or at the same time. Depending on where, how and over how long the rain falls, defines how many properties may be affected.



Stormwater flooding occurs when heavy rainfalls cause drains to overflow. The water then moves into low-lying areas flooding roads and properties. During major storms, flooding of Miners Rest Properties from stormwater usually occurs 3-6 hours after the start of heavy rainfall and peak 7-10 hours from starting.

Riverine flooding in Miners rest occurs when heavy rain causes Burrumbeet Creek to spill over its banks into surrounding areas.

Areas of Miners Rest likely to be affected by flooding from

- Stormwater flooding: James Court, Douglas Close, Dundas Place, Clarke Street (near Douglas Close) and parts of Sharpes Road and Raglan Street.
- Riverine flooding: Burrumbeet Creek: Creek Street, Hamlin Street, top end of Victoria Street, Cummins Road and Albert Street (near Victoria Street/Dundas Place).

Did you know?

Miners Rest has flooded in 1981, 1989, 1993, 1997, 2000, 2010 and January 2011.

The flood water from Burrumbeet Creek in Miners Rest may rise and fall very quickly; if local areas are cut off due to flooding, it is likely to be for less than 24 hours before access is available again.

The largest flood recorded in was;

Miners Rest has a history of flooding, including flooding in January 2011, flood measured 100mm on the Ballarat Aerodrome rainfall gauge and Miners Rest and caused:

- Flooding started on the third day of heavy rain, and then an extra 95mm of rain fell on the fourth day.
- 17 homes had water above floor level.
- Water over Albert Street bank, flooding properties in Dundas Place, James Court and Douglas Close.
- Miners Rest wetland to overflow, flooding properties in Raglan and part of Sharpes Road.
- Roads flooded: Gillies Road, Albert Street/Miners Rest Road/Pound Hill Road, Howe Street, and local streets.
- Midland Highway may flood in parts of the highway if water rises and spills over the banks of Burrumbeet Creek.



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.



Burrumbeet Creek flood levels at the Ballarat Aerodrome Rainfall gauge

When the Bureau of Meteorology (BoM) issues Flood Warnings they include a prediction of the flood height at Ballarat Aerodrome Rainfall gauge and Miners Rest. While no two floods are the same, the following table can give you an indication of what you could expect at certain flood heights, including when your access may be cut off and when your property may be affected.

Rainfall (mm)	Flood Impact
	Major flood level
85mm in 5hrs 140mm in 48hrs	Midland Highway becomes impacted, when there may be shallow floodwater on part of the Western Highway. 36 buildings are potentially flooded above floor level. A further 178 properties may be inundated with water from the riverine and stormwater flooding.
	Moderate flood level
75mm in 5hrs 120mm in 48hrs	Flood extent is similar to January 2011 flood shown map page 2. 18 buildings are potentially flooded above floor. 160 properties may be inundated with water from the Burrumbeet Creek and stormwater flooding. Flooding may cut access to additional roads, including High Street, Clarke Street, Dundas Street and James Street. Shallow flooding may also impact the Sunraysia Highway to the south and west of Miners Rest.
	Minor flood level
40mm in 5hrs 70mm in 48hrs	Flooding of properties along Clarke, Creek and Hamlin Streets. Victoria Street ford and some properties on Garlands Road are flooded. FI Miners Rest Wetland overtops, resulting in shallow inundation of some properties in Sharpes Road and Raglan Street. Flooding may cut access to sections of Creek Street and Olliers Road. A building in Hakea Drive may be impacted by flooding above floor. 83 properties may have water on their property. Some local roads may be flooded.

Staying Informed and Further Information

- | | | |
|-----------------------------------|--|----------------|
| ■ Current warnings (VicEmergency) | emergency.vic.gov.au | 1800 226 226 |
| ■ Bureau of Meteorology (BoM) | bom.gov.au/vic/warnings | 1300 659 217 |
| ■ VicRoads Traffic | traffic.vicroads.vic.gov.au | |
| ■ Emergency Broadcasters | ABC Western Victoria 594AM
ABC Western Victoria 94.1AM
3BA Radio 102.3FM
Power FM Radio 103.1
SKY NEWS Television | |
| ■ VICSES Social Media | facebook.com/vicses
twitter.com/vicsesnews | |
| ■ Preparing for Flood Emergencies | ses.vic.gov.au/get-ready | |
| ■ Creating an Emergency Plan | redcross.org.au/prepare | |
| ■ Catchment Management Authority | ghcma.vic.gov.au | (03) 5232 9100 |
| ■ City of Ballarat | www.ballarat.vic.gov.au | (03) 5320 5500 |

**Life-threatening
Emergency
000**

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.

 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, and 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 Vic Emergency 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	
	EMERGENCY WARNING You are in imminent danger and need to take action immediately. You will be impacted. A Major flood warning usually fits into this category
	WARNING (WATCH AND ACT) 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.
	ADVICE 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	
	PREPARE TO EVACUATE/ EVACUATE NOW An evacuation is recommended or procedures are in place to evacuate.
	COMMUNITY INFORMATION 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.
 EMERGENCY ALERT. BE WARNED. BE INFORMED.	EMERGENCY ALERT 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.

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 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 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 and warnings through 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 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.