



# Clayton and East Oakleigh Local Flood Guide

Flood information for Clayton Drain & Burton Ave Drain at Clayton & East Oakleigh



Image Source: Park Avenue Serviced Apartments



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



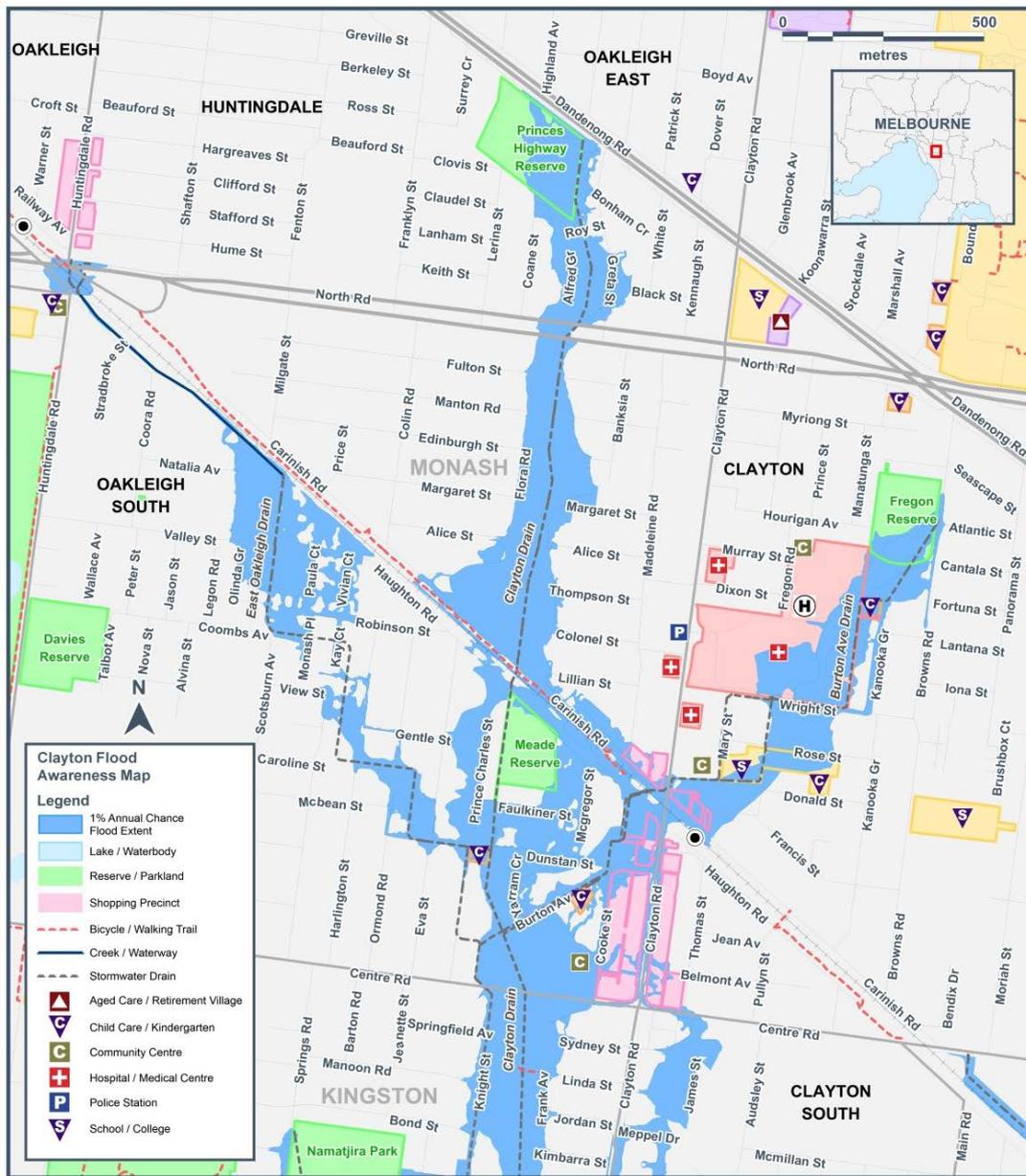


### Clayton and East Oakleigh Local Area

The suburbs of Clayton and East Oakleigh are located within the City of Monash approximately 18 kilometres south east of Melbourne. The municipality has a varied landscape, with many hilly areas and a number of waterways including Damper, Dandenong, Gardiners and Scotchman’s creeks. It is a mixed residential, business and industrial zoned area.

Urban development that has occurred in the City of Monash means that rain water is not easily absorbed into the soil, and tends to pool in low-lying areas. This can lead to roads and properties becoming flooded in heavy rain events.

The map below shows the impact of a 1% flood in the Clayton and East Oakleigh 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.



### Are you at risk of flood?



The Clayton and Burton Avenue drains run through the suburb of Clayton and Oakleigh East, flowing from north to south where they converge just north of Centre Road west of Clayton Road and exit the City of Monash to enter the City of Kingston.

Insufficient drainage capacity to cater for major storms through low lying areas has caused some of the major flooding issues throughout the municipality. The more vulnerable areas within the community are often located within low lying areas of their catchments and are particularly susceptible to flooding risks. A typical example of this is the Monash Medical Centre, on Clayton Road, Clayton.

High intensity, short duration rainfall events are the primary concern and can cause flash flooding in and around the Monash area. The Monash Medical Centre is at risk from flash flooding along the Burton Avenue Drain affecting the eastern and southern section of the premises.

Streets at risk of flooding around the Clayton Drain area should be avoided if flooding occurs. These include:

Alfred Grove, Oakleigh East	Edinburgh Street, Clayton	McGregor Street, Clayton
<b>Alice Street, Clayton</b>	<b>Faulkner Street, Clayton</b>	<b>North Road, Oakleigh East</b>
Carnish Road, Clayton	Greta Street, Oakleigh East	North Road, Clayton
<b>Coane Street, Oakleigh East</b>	<b>Haughton Road, Clayton</b>	<b>Prince Charles Street, Clayton</b>
Dandenong Road, Clayton Drain	Lillian Street, Clayton	Roy Street, Oakleigh East
<b>Dunstan Street, Clayton Drain</b>	<b>Margaret Street, Clayton</b>	<b>Thompson Street, Clayton</b>

Streets at risk of flooding around the Burton Avenue Drain area should be avoided if flooding occurs. These include:

Browns Road, Clayton	Cooke Street, Clayton	Kanooka Grove, Clayton
<b>Burton Avenue, Clayton</b>	<b>Donald Street, Clayton</b>	<b>Madeleine Road, Clayton</b>
Carinish Road, Clayton	Dunstan Street, Clayton	Mary Street, Clayton
<b>Centre Road, Clayton</b>	<b>Francis Street, Clayton</b>	<b>Wright Street, Clayton</b>
Clayton Road, Clayton	Fregon Road, Clayton	

There are no flood forecast available for the Clayton Drain and are therefore driven by rainfall and / or river level observations. A telemetered water level/flood gauge is located at Clayton South Retarding Basin within the Clayton Drain catchment. These gauges may provide some warning of expected flooding.



### Did you know?

The City of Monash has experienced a history of flooding, with some significant events listed below:

- Flooding event in February 2011 that resulted in the Monash SES Unit receiving 185 request for assistance
- A rain event commencing on 20 December 2007 and continuing for three days, resulting in 549 property flooding reports and 84 dwellings being inundated.
- 3<sup>rd</sup> February 2005 where 140 millimeters of rain fell within 27 hours
- 18<sup>th</sup> September 1984 where the Dandenong Creek reached a height of 5.69 metres
- Other significant flooding events occurred in 1991, 1985, 1934 and 1891



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

If you require assistance during a flood or storm, contact SES on 132 500. Your local SES Monash Unit will be able to assist you.

### 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 Melbourne 774<br>SKY NEWS Television<br>3AW 693 AM   |              |
| ■ VICSES Social Media             | <a href="https://facebook.com/vicses">facebook.com/vicses</a><br><a href="https://twitter.com/vicsesnews">twitter.com/vicsesnews</a> |              |
| ■ SES Monash Unit social media    | <a href="https://facebook.com/monashstateemergencyservice/">facebook.com/monashstateemergencyservice/</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>   |              |
| ■ Melbourne Water                 | <a href="http://melbournewater.com.au">melbournewater.com.au</a>   | 131 722      |
| ■ City of Monash                  | <a href="http://monash.vic.gov.au">monash.vic.gov.au</a>   | 03 9518 3555 |

**Life-threatening  
Emergency  
000**



## Clayton and Burton Avenue drains flood levels at the Clayton South gauge

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

Height (metres)	Impact/level
	Height shown map page 2.
2.90m	1% Annual Exceedance Probability (1% chance of occurring in any one year)
	Properties at risk: 304 total.
	Monash Medical Centre may experience significant depths around the southern carpark and loading bay. Fregon Reserve, Kanooka Child Care Centre may also experience flooding.
	Water over the road at a depth of 300 millimeters or more may occur on: <ul style="list-style-type: none"> <li>• Dandenong Road, East Oakleigh</li> <li>• Bonham Crescent, East Oakleigh</li> <li>• Roy Street, East Oakleigh</li> <li>• Alfred Grove, East Oakleigh</li> <li>• Greta Street, East Oakleigh</li> <li>• Flora Road, Clayton</li> <li>• Fulton Street, Clayton</li> <li>• Manton Street, Clayton</li> <li>• Edinburgh Street, Clayton</li> <li>• Alice Street, Clayton</li> <li>• Thompson Street, Clayton</li> <li>• Carnish Road, Clayton</li> <li>• Faulkner Street, Clayton</li> <li>• Yarram Crescent, Clayton</li> <li>• Centre Road, Clayton</li> <li>• Browns Road, Clayton</li> <li>• Rose Street, Clayton</li> </ul>
2.53m	5% Annual Exceedance Probability (5% chance of occurring in any one year)
	Properties at risk: 138 total
	Monash Medical Centre may experience significant depths around the southern carpark and loading bay
	Water over the road at a depth of 300 millimeters or more may occur on: <ul style="list-style-type: none"> <li>• Dandenong Road, East Oakleigh</li> <li>• Alfred Grove, East Oakleigh</li> <li>• Greta Street, East Oakleigh</li> <li>• Manton Road, Clayton</li> <li>• Alice Street, Clayton</li> <li>• Carnish Road, Clayton</li> <li>• Browns Road, Clayton</li> </ul>
2.01m	20% Annual Exceedance Probability (20% chance of occurring in any one year)
	Properties at risk: 30 total
	Water over the road at a depth of 300 millimetres or more may occur on Carnish Rd, Clayton and Browns Road, Clayton



# 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. 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	
	<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>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, 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.</p>

### 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 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://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.