



# Balaclava and St Kilda Local Flood Guide



*Attley Grove, St Kilda East*



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



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### The City of Port Phillip Local Area

The City of Port Phillip is approximately 20 square kilometres in size with eleven kilometres of foreshore and a population of approximately 100,000.

The major waterway through the City of Port Phillip is the Elwood Canal. It has a historical, aesthetic, social and technological significance to the City of Port Phillip. The city is also home to a number of major stormwater drains, including the Shakespeare Grove Main Drain, that carries stormwater runoff from St Kilda to Port Phillip Bay.

The map below shows the impact of a 1% flood along Shakespeare Grove Main Drain in Balaclava and St Kilda. A 1% flood means that there is a 1% chance of a flood this size happening in any given year. This map is provided as a guide only to possible flooding along the Shakespeare Grove Main Drain 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 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 Melbourne Water.



## Are you at risk of flood?



Parts of Shakespeare Grove have open waterways or channels as shown on the Map on page 2 - they are serviced by the Shakespeare Grove drainage network and can flood due to:

- Heavy rainfall occurring over a short period of time, which overwhelms the drainage system and leads to flooding.
- Prolonged rainfall events.

Flash flooding occurs because rain falls faster than the ground can absorb it, causing water to run-off into low-lying areas and local drainage systems, that are unable to cope with the volume of water. This results in water rising rapidly and flowing powerfully and quickly. It occurs so fast that it is difficult to provide a detailed warning.

Storm surges and tidal flows from Port Phillip Bay may also have an impact on flooding as they may limit the ability of the drainage network to release the storm water into the bay.

Whilst floodwater in the St Kilda and Balaclava area is expected to rise fairly quickly, it will generally last only a number of hours before receding.

**Remember, you may not receive any official warning. Be aware of what is happening around you to stay safe. Never wait for a warning to act.**

## Did you know?

Usually, when the Elwood Canal waters rise, it is likely that the water levels in Shakespeare Grove Main Drain will also increase.

Historically, the Elwood Canal has experienced several major and moderate floods, with the first event recorded as early as July 1891. More recently, water levels reached major flood levels in the canal in February 2011 and December 2016.

There are approximately 533 properties near the Shakespeare Grove Main Drain that could be impacted by over floor flooding during a 1% flood event.



**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.**



### Areas/Services affected by flash flooding

- Commercial areas along Inkerman, Carlisle and Chapel Streets with many of these businesses at risk of flooding over-floor.
- The Port Phillip City Council office, St Kilda Primary School and St Kilda Police Station, Windsor Ambulance Station, St Kilda- flooding over-floor possible.
- Tram Services along Chapel Street, Routes 78 and 79 between Brighton Road and Inkerman Street, and Tram Services along Carlisle Street, Routes 3 and 79 along Carlisle Street between Brighton Road and Balaclava railway station.
- The St Kilda Library and Balaclava train station may become isolated during flash flooding.

Roads that may be impacted include:

- Carlisle Street
- Canterbury Road between Fitzroy Street and Langridge Street
- Marine Parade between Cavell Street and Glen Huntly Road
- Acland Street between The Esplanade and Barkly Street
- St Kilda Road between Inkerman Street and Carlisle Street
- Carlisle Street between Brighton Road and Hotham Street
- Inkerman Street between Brighton Road and Orrong Road
- Chapel Street between Brighton Road and Inkerman Street
- Hotham Street between Glen Eira Road and Inkerman Street
- Nightingale, Rosamond and Marlborough Streets near Balaclava train station
- Martin and Pakington Streets.
- Greeves, Vale and Blanche Streets

Other minor roads may also be affected in the suburbs of Balaclava and St Kilda.

### 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 Meterology (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 Radio 774 AM 3AW 693 AM SKY NEWS Television	
▪ VICSES Social Media	<a href="https://facebook.com/vicses">facebook.com/vicses</a> <a href="https://twitter.com/vicsesnews">twitter.com/vicsesnews</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 Port Phillip	<a href="http://portphillip.vic.gov.au">portphillip.vic.gov.au</a>	03 9209 6777
▪ National Relay Service NRS	<a href="http://relayservice.gov.au">relayservice.gov.au</a>	

