

Flooding

A natural hazard is a naturally occurring event that may cause harm to people and our social wellbeing, damage to property and/or infrastructure and impact our economy and the environment. Flooding is an example of a natural hazard and their negative impacts can be reduced through land use planning and development decisions.

All levels of the planning system seek to ensure that community resilience is increased; hazards are avoided or mitigated where possible and natural hazards are considered. The purpose of this fact sheet is to explain some of the strategies used by Quilpie Shire Council.



Flood levels

The size of floods can be described using a reference to the percentage annual chance of a flood of a certain size occurring in any given year. Small floods have a high percentage annual chance of occurring in any given year. While larger floods, that are expected to occur less frequently, have a lower percentage annual chance of occurring in any given year.

The most common flood event that you may hear or read about is a large flood event known as the '1 in 100 year' or 'Q100' flood event. A 1 in 100 year flood event means that there is a 1% chance of a flood event this size occurring in any given year.

Flood extent, depth and velocity

A flood can be distinguished from another by the extent, depth and velocity of the floodwater. The extent, depth and velocity can help determine the level of danger for a community. Generally, the higher the depth or velocity of the floodwater the greater the danger of people, animals and vehicles being swept away.

Frequently Asked Questions

How does the planning scheme address flooding?

A flood hazard overlay is included in Quilpie Shire's Planning Scheme that shows the areas that are likely to flood. The Flood hazard overlay is made up of two elements: a written component and maps that identify the areas affected by the overlay. The main purpose of the overlay is to ensure risk to life and property is minimised during future flood events and that development does not increase the potential for flood on-site or other property.

My property is in the flood hazard area. How do I find out the height of flood water over my property?

If you intend to build on your property, you may need to show that the development has considered the flooding risk and is able to maintain personal safety in terms of the siting and layout. This may be achieved by showing that your development achieves flood immunity and provides sufficient access to roads that can be used in an emergency. The flood hazard maps are found in Schedule 2 of the Quilpie Shire Planning Scheme. The maps show the height of flooding on each property within Quilpie and Eromanga Townships.

Helpful hint: Zoning and overlay maps are also available electronically on council's website. [Visit >> ...](#)

Disclaimer

The contents of this information sheet deals with technical matters in a summary way only and has been prepared to assist the community to understand the *Quilpie Shire Council Planning Scheme 2017*. Please refer to the *Quilpie Shire Council Planning Scheme 2017* for further detail.