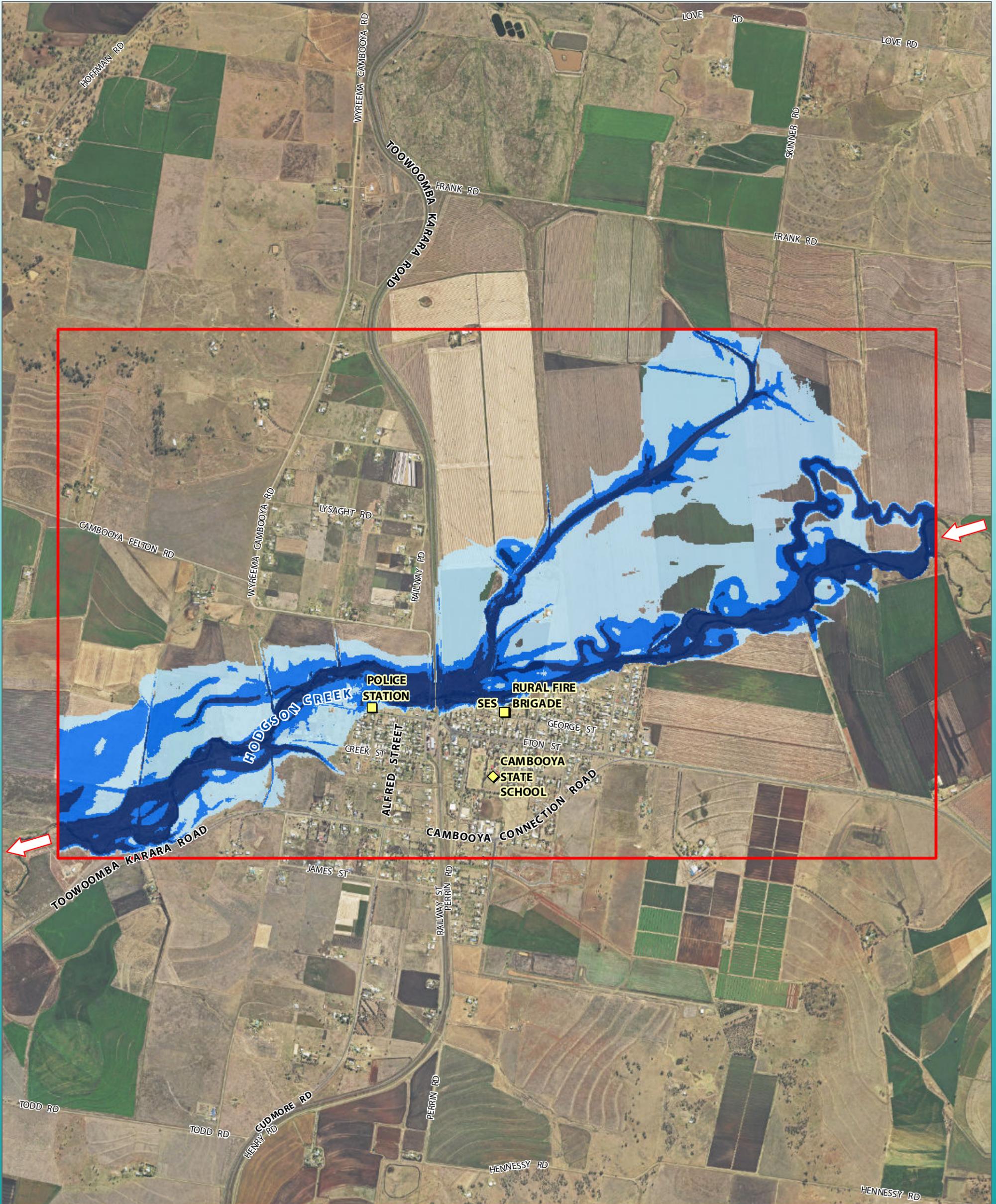
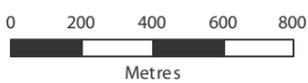


CAMBOOYA

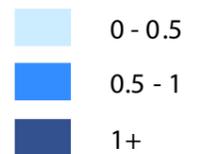


1:20,000 (at A3)



1% AEP FLOOD DEPTH RIVERINE

Water Depth (m)



Model Extent



DirectionFlow

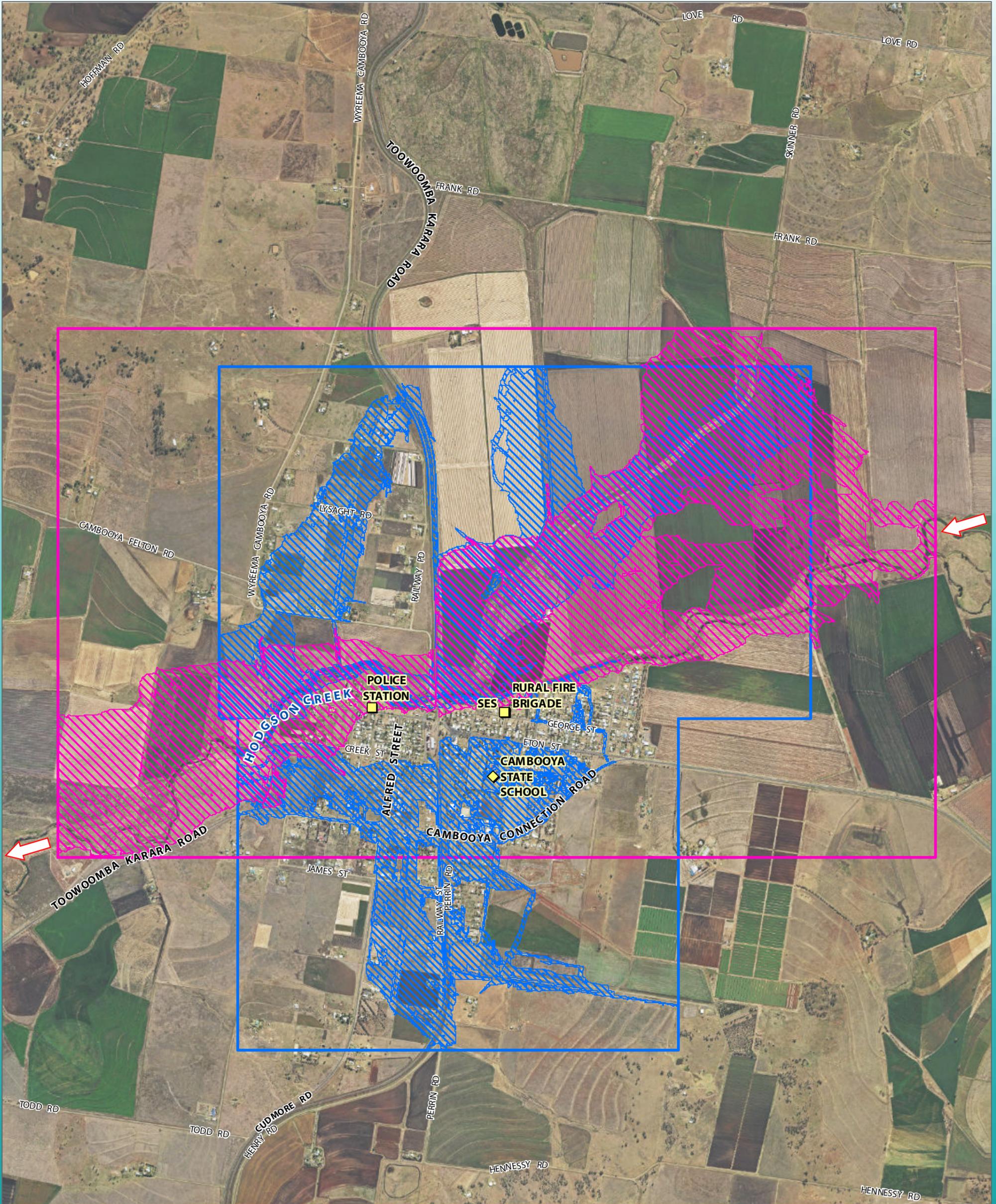


Emergency Services

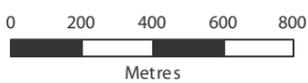


School

CAMBOOYA



1:20,000 (at A3)

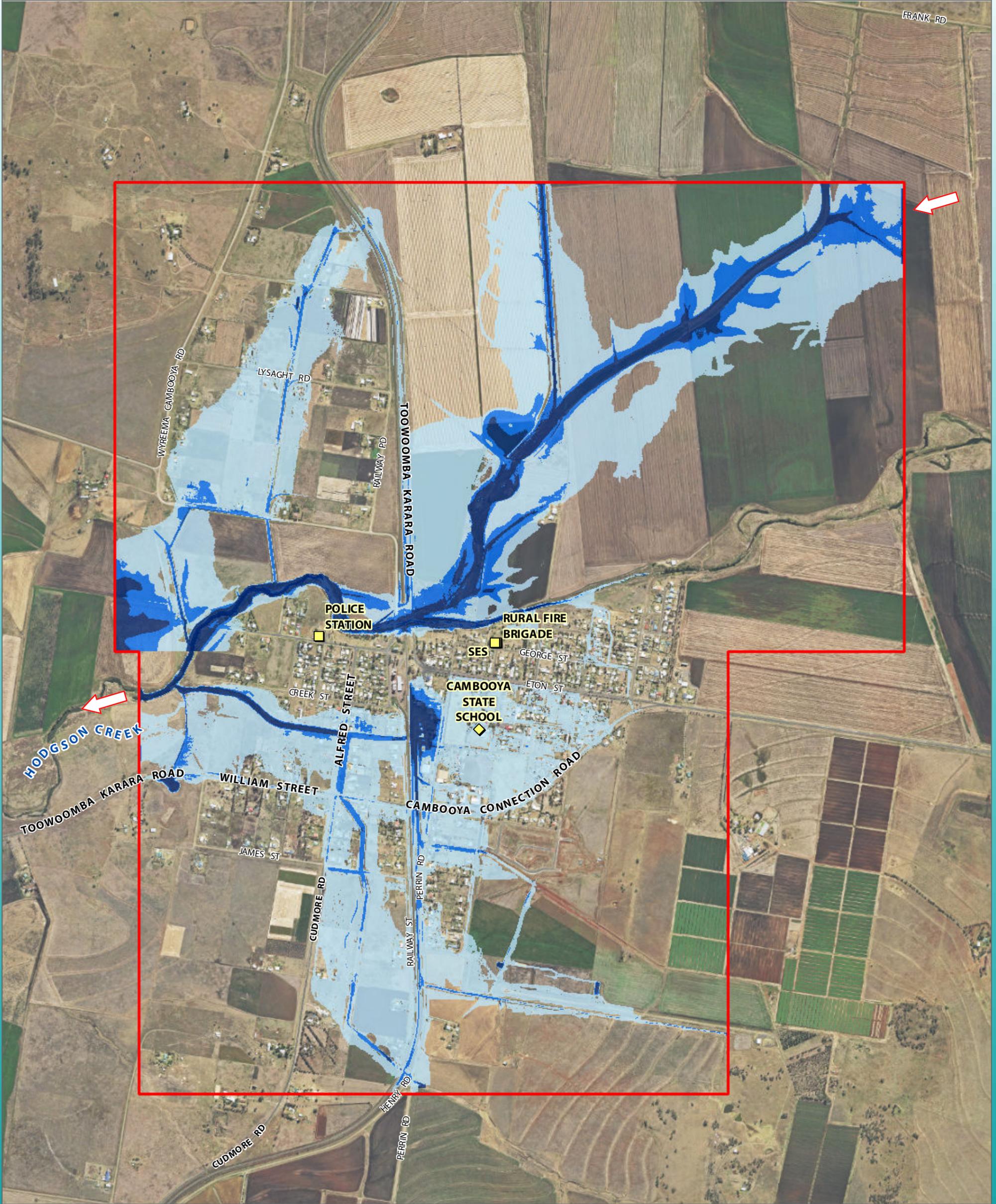


FLOOD STUDY BOUNDARY

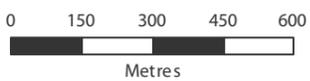
- Extent of Riverine Flood Model
- Extent of Overland Flowpath Flood Model
- DirectionFlow
- Emergency Services
- School

While every care is taken by the Toowoomba Regional Council (TRC) to ensure the accuracy of the information contained in this document, Toowoomba Regional Council makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaim all responsibility and all liability whether in contract, negligence, tort or otherwise for all expenses, losses, damages (including indirect or consequential damage) and costs which may be incurred in any way and for any reason as a result of reliance on the information.

CAMBOOYA

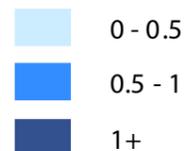


1:15,000 (at A3)



1% AEP FLOOD DEPTH OVERLAND FLOW PATH

Water Depth (m)



Model Extent



DirectionFlow



Emergency Services



School

A safer, stronger, more resilient region

Financially, socially and
environmentally sustainable



Cambooya Flood Studies Information Sheet

WHY UNDERTAKE FLOOD STUDIES?

Following extensive flooding across the Toowoomba region, we commissioned a number of flood studies to better understand how flooding can impact our communities. These studies are now complete and available on our website.

The flood studies found that flood behaviour can be complex and vary between locations, depending on landscape, infrastructure and rainfall pattern.

SOME BASIC FLOOD TERMS

- 1 Overland flow** – short duration flooding of backyards, drainage paths, streets and rural properties caused by stormwater as it makes its way into the creek/river system;
- 2 Creek flooding** – short to medium duration flooding caused by creeks rising and breaking their banks, which can then flood nearby homes, businesses and rural properties;
- 3 River flooding** – longer duration flooding caused by significant rises in a river which can break its banks in the same way as smaller creeks.

Most of the studies undertaken or commissioned by Council relate to the first two types of flooding – overland flow and creek flooding. It's important to note that these types of flooding can occur separately or together.

KEY MESSAGES

1. Council has a legislative requirement to undertake flood management and the whole community needs to be involved.
2. Flood studies are a foundation and an essential step towards our goal of a safer, stronger, more resilient region.
3. Flood studies have been undertaken by specialist engineers and incorporate the latest data, modelling techniques and community input.
4. Community consultation enables two-way information sharing about the project to increase community awareness, enhance decision making and help achieve our goal of a safer, stronger, more resilient region.

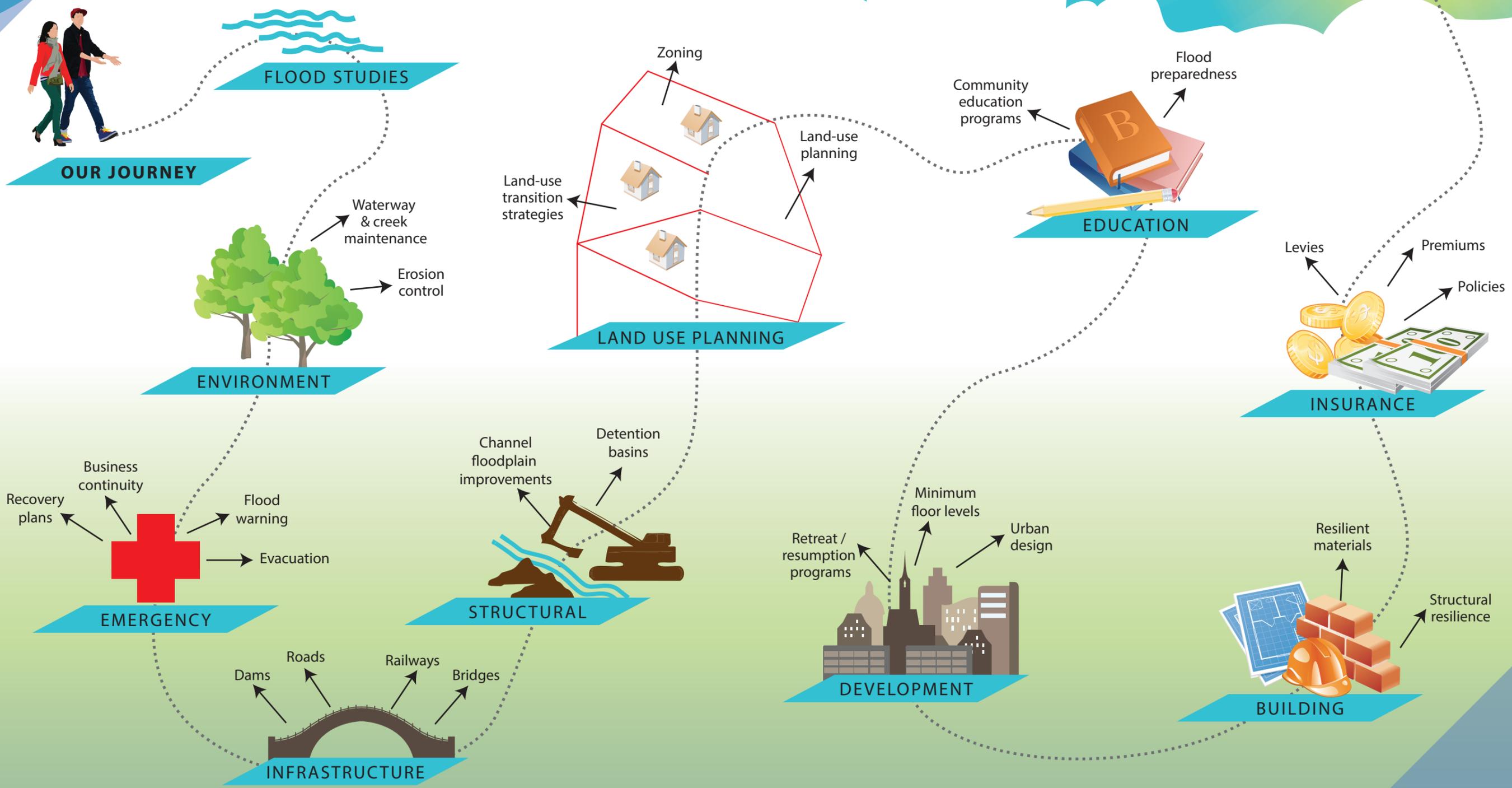
Flood + us - our journey

Steps on the path to achieving our goal

**A safer,
stronger,
more resilient
region**

Financially, socially and environmentally sustainable

OUR GOAL





Cambooya Flood Studies Information Sheet

WHAT'S CAMBOOYA'S FLOOD STORY?

Flood studies and maps are now available for Cambooya residents. The two main sources of flooding in Cambooya are river flooding and overland flow. Engineers were engaged by Council to complete a historical study to quantify flood behaviour from the January 2011 flood event and an overland flow path study to define and map overland flow path corridors in current and potential development areas.

Riverine flooding, such as in the January 2011 event, came from rising waters in Hodgson and Oaky creeks due to heavy rainfall across the catchment. The study found that the January 2011 flood represented a 5% Annual Exceedance Probability flood event – meaning there is a 5% chance in any year to see a flood event of this size or larger. As seen in the January 2011 event, the majority of flood waters were confined to the main Hodgson Creek channel, with some flood waters affecting the northern side of town.

For the purpose of planning and guiding future development, engineers were asked by Council to model a larger event than that experienced in January 2011. A 1% riverine flood event was modelled and showed that in this size event the deep and fast-flowing flood waters are confined to Hodgson Creek, with some flooding across rural land to the north of the town and some backflow across properties to the west of Alfred Street. The majority of the town itself remains dry in a 1% riverine flood event.

The overland flow path study modelled a range of flooding scenarios up to a 1% flood event. The study confirms that overland flow flooding generally affects the southern part of town, with waters flowing east-to-west and south-to-north into the formalised channels between William and Creek streets and James and Railway streets prior to discharging into Hodgson Creek. Whilst water does enter properties, the water is shallow and considered low hazard.

Annual Exceedance Probability (AEP) means the chance of a flood of a given size or larger size occurring in any one year, usually expressed as a percentage.

COMMUNITY INVOLVEMENT

Improving the way we prepare for and respond to flooding as a community is very important to us. Many residents in our region contributed information to build and validate our flood knowledge during the region-wide consultation sessions and other flood studies engagement opportunities.

Community involvement with this project continues to help our region become safer, stronger and more resilient. We encourage you to access the flood study information online and stay up to date with the project by visiting the web address below.

GET INFORMED

You can access our region's current flood studies and maps by heading to <http://yoursay.toowoombarc.qld.gov.au/flood-resilience>

For more information, please contact the project team by phone, email or post.

Phone: 131 872

Email: info@tr.qld.gov.au

Post: Strategic Planning & Economic Development,
Toowoomba Regional Council, PO Box 3021, Toowoomba Q 4350.



**TOOWOOMBA
REGION**