

Flood Warning Infrastructure Network Project

Queensland's Flood Warning Infrastructure

In Queensland, more than 3200 rainfall and river gauges inform statewide flood warnings and forecasts. These are owned and operated by multiple entities including state and local government, the private sector, and the Bureau of Meteorology.

Flood waters don't respect boundaries. It is therefore extremely important for all areas of Queensland to have information from other flood warning systems. This will help keep our communities safe by ensuring they are well informed by timely weather and flood warnings and forecasts.

Working together for the best possible flood warnings

The Queensland Reconstruction Authority (QRA) is working with key stakeholders including the Bureau of Meteorology and local governments to improve Queensland's flood warning infrastructure.

A high level of collaboration and information sharing is necessary to ensure accurate and consistent flood warning information is being provided to the Bureau of Meteorology and to our local communities.

Flood Warning Infrastructure Network Project

To support Queensland communities in their recovery following the *North and Far North Queensland Monsoon Trough* disaster event (25 January to 14 February 2019), an \$8 million Flood Warning Infrastructure Network Project was approved as part of the \$242 million Category C and D Disaster Recovery Funding Arrangements (DRFA) package, jointly funded by the Australian and Queensland Governments.

Project purpose

The purpose of the Flood Warning Infrastructure Network Project is to work with the Bureau of Meteorology and local communities to identify high priority locations requiring additional flood warning infrastructure capability.

Project benefits

The Flood Warning Infrastructure Network Project is keeping our communities safe by delivering:

- suitable flood warning infrastructure upgrades to the most appropriate locations throughout the flood-impacted area
- improvements to Bureau of Meteorology services to support primary producers and communities
- a range of assets to support better information being made available including the use of flood cameras and signage at strategic locations.

Project areas of operation

This funding is supporting 28 local government areas across northern and western Queensland to install gauges that record rainfall, river height, as well as cameras and signage.

Key project actions

- Facilitate a catchment approach - locally led, regionally coordinated
- Define flood warning infrastructure as means for providing timely situational awareness
- Incorporate existing initiatives into one common operating picture
- Analyse existing infrastructure upgrade initiatives against identified risk areas
- Identify gaps in the flood warning infrastructure network
- Develop and apply principles for prioritisation across the areas of operation
- Prioritise flood warning infrastructure improvements across the areas of operation
- Support procurement of infrastructure
- Establish / align with emerging governance arrangements.

For more information

Queensland Reconstruction Authority
Email floodresilience@qra.qld.gov.au
Web www.qra.qld.gov.au/fwln
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Flood Warning Infrastructure Network Project

Areas of Operation

www.qra.qld.gov.au/fwin



Far North Queensland

- Cairns
- Cassowary Coast
- Cook
- Douglas
- Lockhart River Aboriginal
- Mapoon Aboriginal
- Mareeba
- Pormpuraaw Aboriginal
- Torres Strait Island
- Wujul Wujul Aboriginal



North West Queensland

- Burke
- Cloncurry
- McKinlay
- Richmond
- Carpentaria
- Flinders
- Croydon
- Etheridge
- Boulia
- Longreach
- Diamantina
- Winton



Townsville and surrounds

- Mackay
- Burdekin
- Townsville
- Hinchinbrook
- Charters Towers
- Whitsunday

