

QUEENSLAND RECONSTRUCTION AUTHORITY

Monthly Report

February 2018

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Message from the Chief Executive Officer

Major General Richard Wilson AO (Ret'd)
Chairman
Queensland Reconstruction Authority

Dear Major General Wilson

It is with pleasure that I present the February 2018 Monthly Report – the 84th report to the Board of the Queensland Reconstruction Authority (QRA).

QRA was established under the *Queensland Reconstruction Authority Act 2011* following the unprecedented natural disasters that struck Queensland over the summer months of 2010-11 and is charged with helping Queensland communities effectively and efficiently recover from the impacts of natural disasters through managing and coordinating the Government's program of infrastructure renewal and recovery within disaster-affected communities. QRA is also the state's lead agency responsible for disaster recovery, resilience and mitigation policy.

The February report provides a snapshot of progress in the State's Natural Disaster Relief and Recovery Arrangements (NDRRA) program of recovery and reconstruction works from the disaster events of recent years and an update on progress in in recovery, resilience and mitigation activities.

Since last month, four councils have been activated for the recent *Cape York Queensland Trough, 26 January - 2 February 2018* event.

Of the estimated \$1.3 billion program of reconstruction works for 16 events from the 2016 and 2017 disaster periods that are in the active delivery phase, \$710 million has been approved by QRA and additional submissions worth \$405 million are being assessed by QRA or awaiting additional information. QRA is working with delivery agents to progress their preparation of submissions for the remaining program. \$388 million (29 percent) of works in relation to the delivery program has been reported to QRA at 31 December 2017 as in progress or delivered.

QRA is also managing the close out of an estimated \$1.6 billion works from the 2013 to 2017 disaster periods that will be acquitted in claims to the Commonwealth over the next three financial years. Of this, QRA is currently finalising the 2016-17 claim, due to the Commonwealth in March 2018.

The February report's Program Spotlights profile:

- the five year anniversary of Tropical Cyclone (TC) Oswald, which unleashed flooding rainfall and damaging winds in January 2013 between Rockhampton and Bundaberg and in the ranges along the Queensland/New South Wales border with catastrophic effects. It also recognises the almost 300 Betterment projects that have been completed across the state as a result of the *Queensland Betterment Framework*, developed by the QRA in the wake of TC Oswald
- an update on the progress of the Queensland Flood Warning Gauge Network. As the lead agency responsible for coordinating whole-of-government flood risk management and resilience policy in Queensland, the QRA has delivered a total of 44 Flood Warning Gauge Network Investment Plans to 62 councils across the state, identifying new and upgraded flood warning infrastructure that will help keep communities safe, since a state-wide performance review of the Queensland Flood Warning Gauge Network was completed in 2015.
- the progress being made by the Department of Transport and Main Roads (TMR) in restoration works on the Tomewin Mountain Road in the Gold Coast hinterland, which sustained extensive damage, with 15 landslips occurring due to rainfall linked with Severe Tropical Cyclone Debbie in March 2017.

I commend the report to you and recommend its release to the Minister and the public pursuant to Section 41 of the Act.

Yours sincerely



Brendan Moon
Chief Executive Officer
Queensland Reconstruction Authority

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Section one:
Introduction



1.0 Introduction

1.1 Purpose

The Queensland Reconstruction Authority (QRA) was established on 21 February 2011 under the *Queensland Reconstruction Authority Act 2011* (the Act) following the extensive series of natural disasters that impacted Queensland over the summer of 2010-11.

QRA's mission is **to reconnect, rebuild and improve Queensland communities and its economy.**

QRA is charged with managing and coordinating the Government's program of infrastructure renewal and recovery within disaster-affected communities, with a focus on working with our state and local government partners to deliver best practice expenditure of public reconstruction funds.

QRA is also the state's lead agency responsible for disaster recovery, resilience and mitigation policy. In this role QRA is working collaboratively with other agencies and key stakeholders to improve risk reduction and disaster preparedness.

Initially established for a two-year period, QRA was extended a number of times as its role expanded to cover historical and continuing disaster events. In June 2015, QRA was made permanent, enabling it to continue the critical work of helping Queensland communities effectively and efficiently recover from, and build resilience to the impacts of natural disasters.

As part of its role, QRA administers the rebuilding program for Natural Disaster Relief and Recovery Arrangements (NDRRA) activated disaster events and is responsible for the acquittal of NDRRA funding including Counter Disaster Operations, Emergent Works, Restoration of Essential Public Assets, Category C and Category D assistance to State Departments and Agencies (SDA) and Local Government Authorities (LGA). Since its establishment in February 2011, QRA has managed and coordinated the infrastructure reconstruction and recovery for 70 disaster events activated for NDRRA relief measures.

1.2 Timing

The Commonwealth NDRRA Determination imposes time limits for the delivery and acquittal of works.

The Determination provides for a time limit of two financial years after a disaster to deliver reconstruction works and a further nine months after the end of the financial year in which the works were completed in order to acquit the works. NDRRA funding is formally acquitted through the annual submission of a financial statement to the Commonwealth comprising claims for financial assistance in respect of state NDRRA expenditure incurred on eligible disasters in the preceding financial year (Commonwealth Claim). Lodgement of Commonwealth Claims is required to secure reimbursement of the Commonwealth's share of eligible expenditure.

As QRA is managing a series of events that occurred across a number of financial years, QRA's program is spread across various stages in the delivery and acquittal phases as follows:



Following acceptance of the 2015-16 NDRRA Claim by the Commonwealth in June 2017, QRA has finalised the close out of all works up to and including the 2014 events other than a small number of projects that received extensions of time for drought-related impacts.

NDRRA works for 30 disaster events activated for the 2014, 2015, 2016, 2017 and 2018 event periods are currently in the delivery and/or acquittal phases.

On 30 June 2017, the deadline passed to complete NDRRA works from the 2015 events. Currently QRA is finalising the close out of 2015 events' works for acquittal in the 2016-17 claim, due to the Commonwealth by 31 March 2018.

QRA is also working with delivery agents to progress delivery of the 2016, 2017 and 2018 event programs including providing advice and assistance with damage assessments and submission preparation for Severe Tropical Cyclone Debbie and other recent events.

Section two:
Disaster Assistance

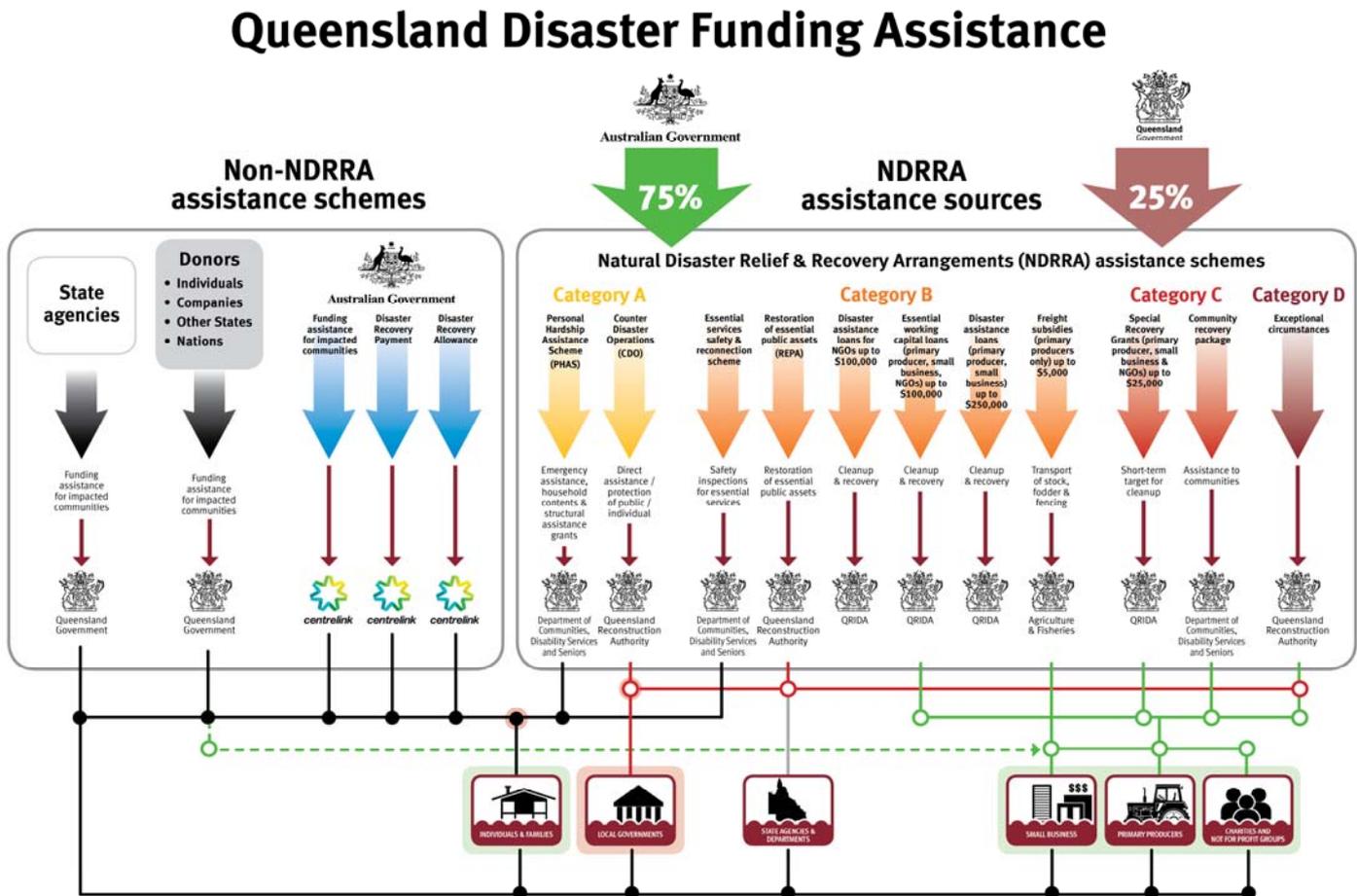


2.0 Disaster Assistance

2.1 Queensland Disaster Assistance Framework

Disaster Assistance schemes available in Queensland are broadly separated between NDRRA (jointly funded by the Commonwealth and State governments) and non-NDRRA funding schemes. The diagram below indicates the different elements of assistance available and how each element operates.

Figure 2.1.1 Queensland Disaster Assistance Framework



Elements of the assistance schemes are delivered by State agencies, however all NDRRA assistance sources (and elements of the non-NDRRA assistance schemes) are administered by QRA for historical and continuing disaster events in Queensland.

2.2 Events and relief measures managed by QRA

QRA has responsibility to administer NDRRA relief measures for historical and continuing disaster events in Queensland.

Since its establishment in February 2011, QRA has managed and coordinated the infrastructure reconstruction and recovery for 70 disaster events activated for NDRRA relief measures. Of these, 40 events are complete, having been delivered, closed out and acquitted to the Commonwealth in audited claims.

Works for 27 events from the 2015 to 2018 event periods are currently in the delivery phase and completed works from a further three events from the 2014 event period are also in the acquittal phase¹.

Disaster events managed by QRA

The list of activated disaster events managed by QRA is set out in **Section 2.2** and can also be found on www.disaster.qld.gov.au. A summary of previous events dating back to 2007 that have been managed through to acquittal by QRA is provided in Appendix B.

1. The NDRRA Determination imposes a time limit of two financial years after a disaster to deliver reconstruction works (delivery phase) and a further nine months to acquit completed works (acquittal phase) through lodgement of an annual claim to the Commonwealth. Following extension of time approvals, a number of projects from the 2014 and 2015 event period are still in delivery and/or acquittal phases.

2.2 Events and relief measures managed by QRA (cont.)

The figures opposite show the LGAs activated for relief measures under NDRRA for the 2015 to 2018 event periods that are either still in delivery and/or acquittal phase.

Since last month, four councils have been activated for the recent *Cape York Queensland Trough, 26 January - 2 February 2018* event.

2018 events

(Works to be delivered by 30 June 2020, with final acquittal due by March 2021)

- Cape York Queensland Trough, 26 January – 2 February 2018
- Central Coast Queensland Severe Weather, 16 – 19 October 2017²

2017 events

(Works to be delivered by 30 June 2019, with final acquittal due by March 2020)

- Far North Queensland Trough, 21-28 March 2017
- Far North Queensland Trough, 3-10 February 2017
- Severe Tropical Cyclone Debbie & associated rainfall & flooding, 28 March - 6 April 2017
- Gulf Tropical Low, 15-24 February 2017
- Far North Queensland Low, 8-11 January 2017
- Western Queensland Flooding, 13-20 September 2016
- Central Queensland Severe Weather, 15-20 July 2016

2016 events

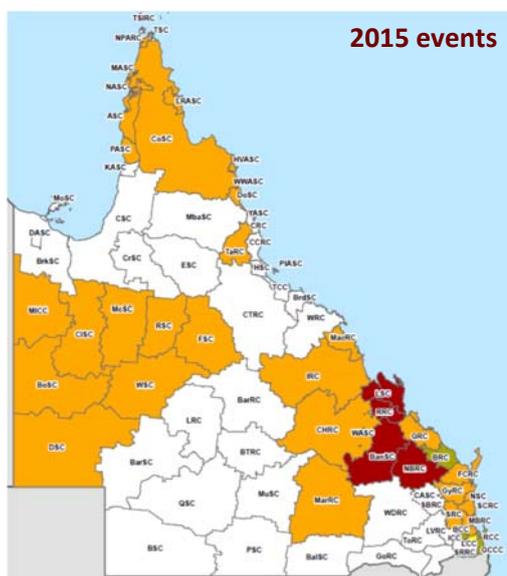
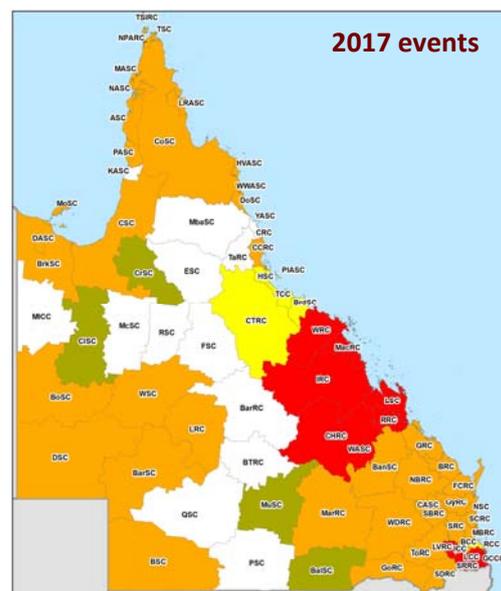
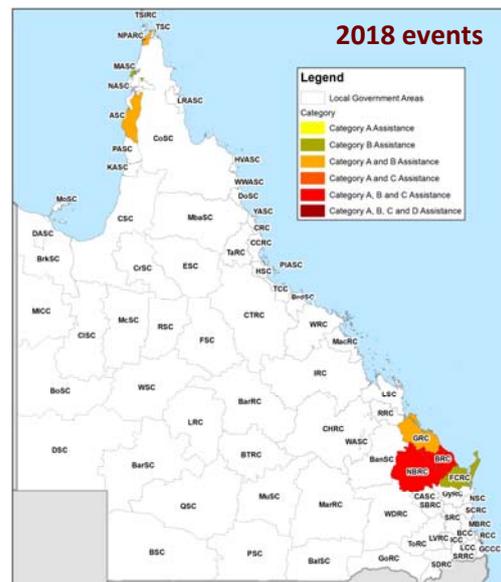
(Works to be delivered by 30 June 2018, with final acquittal due by March 2019)

- Central Western Queensland Flooding, 13-19 June 2016
- Far North Queensland Upper Level Trough, 21-23 May 2016
- South West Queensland Floods, 7-9 May 2016
- Far North and North West Queensland Tropical Low, 14-18 March 2016
- Western Queensland Trough, 7-11 March 2016
- Central Coast Surface Trough, 4-8 February 2016
- Central Western Queensland Heavy Rainfall & Flooding, 2-4 February 2016
- Gulf of Carpentaria Monsoon Trough – 20-31 December 2015
- Fernvale Severe Storm, 27 October 2015.

2015 events

(Works to be delivered by 30 June 2017, with final acquittal due by March 2018)

- South East Queensland Low, 30 April – 1 May 2015
- Tropical Cyclone Nathan and associated rainfall & flooding, 11-15 March 2015
- Severe Tropical Cyclone Marcia and South East Queensland Trough - 19 to 22 February 2015
- Tropical Cyclone Lam, 15-18 February 2015
- North Queensland Severe Weather and Flooding - 8 to 15 February 2015
- Central Eastern Queensland Heavy Rainfall and Flooding - 21 to 29 January 2015
- Western Queensland Heavy Rainfall and Flooding - 5 to 18 January 2015
- Central Queensland Heavy Rainfall and Flooding - 8 to 14 December 2014
- Brisbane Severe Thunderstorm - 27 December 2014.



Section three:

Program Status



3.0 Program Status

3.1 NDRRA program status

The estimated value of the total NDRRA program of works managed by QRA since its establishment is \$14.3 billion.

Of this, \$12.7 billion of works from the 2009-10, 2011, 2012, 2013, 2014 and 2015 events have been finalised (delivered and acquitted) with remaining works for components of the 2013, 2014, 2015, 2016 and 2017 event years in the active delivery and/or acquittal phases.

The current status of each active program is summarised as follows:

2015 Events

The deadline passed to complete NDRRA works from the 2015 events on 30 June 2017. Other than three projects that requested extensions of time, delivery agents have indicated works were completed on time.

QRA is currently finalising the close out of the balance of 2015 event works that were completed up to 30 June 2017 for acquittal in the 2016-17 claim.

2017 Events

Across the 2017 disaster season, 62 councils were activated for NDRRA assistance from seven events.

QRA is currently assisting, as required, with damage assessments in order to progress the reconstruction program into delivery as soon as possible. Delivery agents have until 30 June 2019 to deliver eligible NDRRA works.

2016 Events

All submissions for the 2016 events have been pre-approved and works are required to be complete by 30 June 2018 in order to be eligible under NDRRA.

QRA continues to monitor and assist councils and state agencies with progressing their program of 2016 event works through delivery.

2018 Events

Across the 2018 disaster season to date, eight councils have been activated across two disaster events.

QRA is currently assisting with activation requests and damage assessments, as required.

Reporting of estimates and progress will commence following QRA's next estimate review process scheduled to occur during March 2018.



In other areas relevant to NDRRA, QRA is continuing to trial and participate in consultation with the Commonwealth and other jurisdictions in relation to potential funding reforms.

The Commonwealth is investigating a model to provide natural disaster recovery funding based on upfront damage assessments and estimated reconstruction costs.



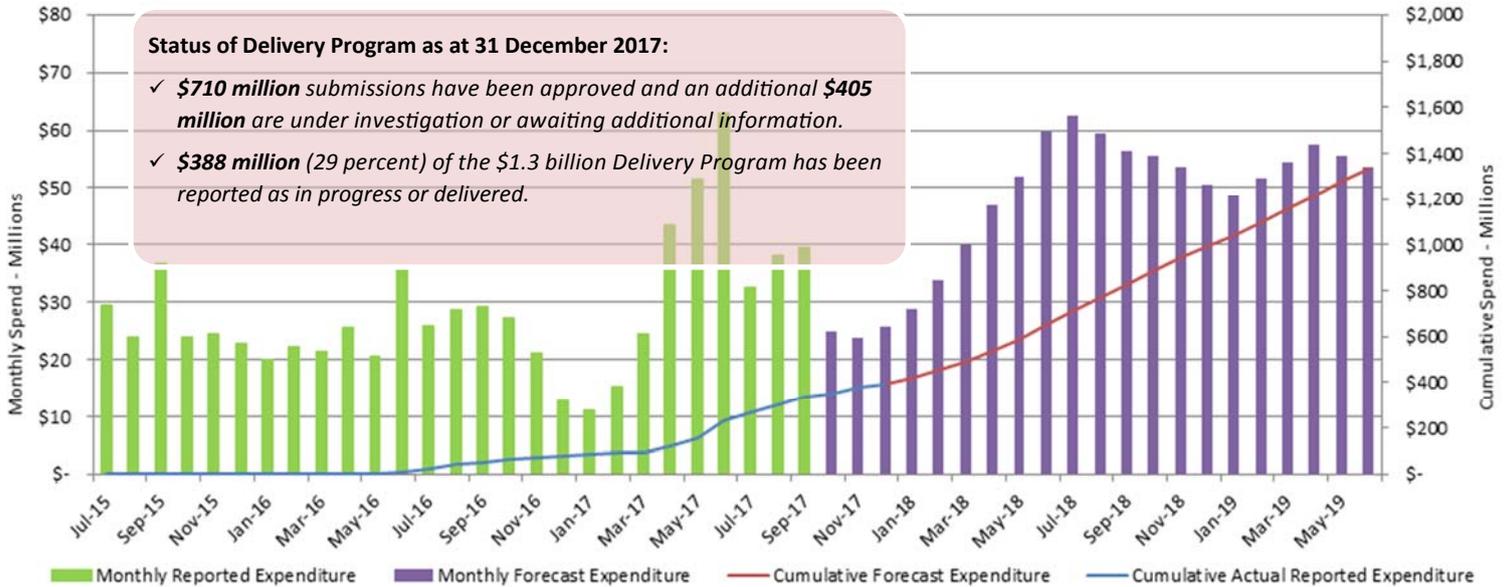
Disaster reconstruction works underway by TMR during December 2017 following impacts of STC Debbie: Soil nailing on upper slope on the Sarina Range (left); installing gabion baskets Lamington National Park Road (middle & right)

3.1 NDRRA program status (cont.)

Delivery Program status

The QRA is managing the assessment of submissions and delivery of works with an estimated value of \$1.3 billion for 16 events comprising the 2016 and 2017 Events (**Delivery Program**)¹.

The graph below shows the actual reported and forecast monthly remaining expenditure for all NDRRA works since 1 July 2015, and estimated total costs to deliver the 2016 and 2017 events that are in the delivery phase.

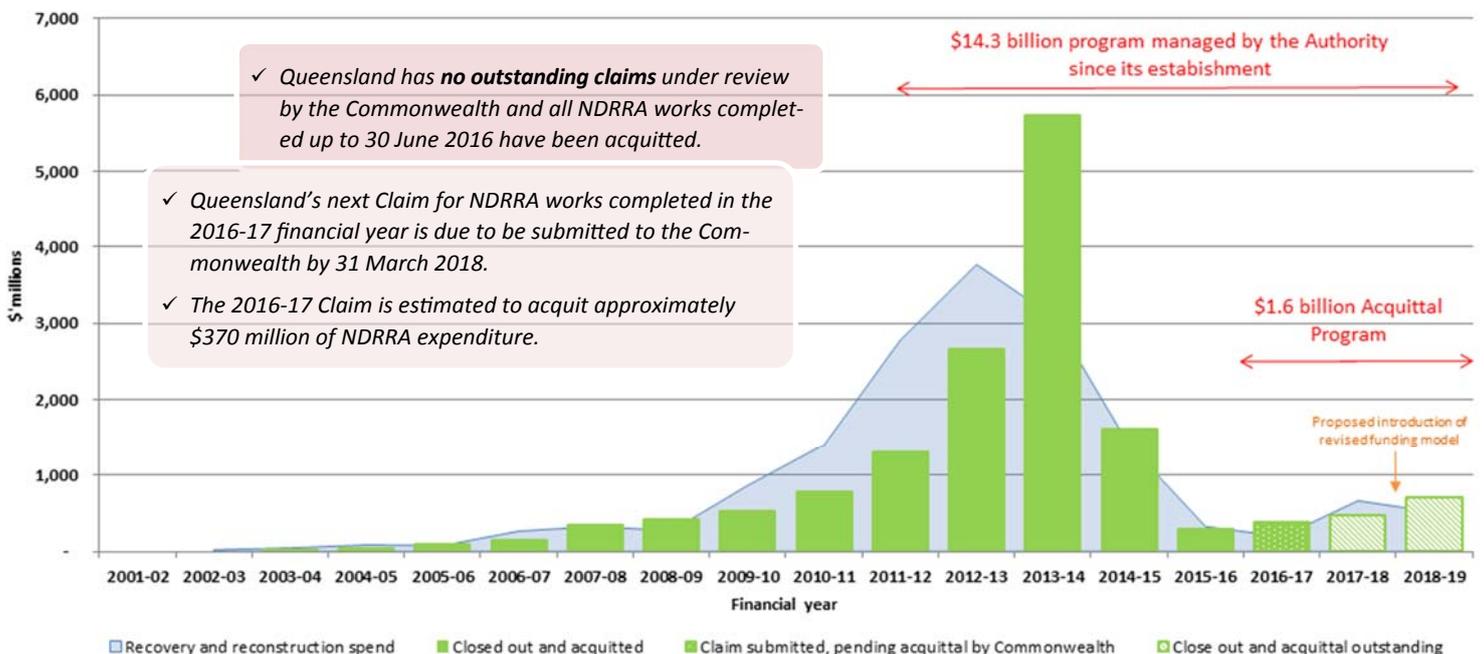


Source: expenditure reported to QRA to 31 December 2017; and estimates per September 2017 NDRRA Estimates Review

Acquittal Program status

The QRA is currently managing an acquittal program worth \$1.6 billion, comprising the remaining works for 29 events from the 2014 to 2017 Events¹ that are yet to be acquitted in claims to the Commonwealth.

The following graph shows the historical and projected acquittal profile for Queensland as per Commonwealth Claims submitted for the 2001-02 to 2015-16 financial years and preliminarily expected to be submitted for 2016-17 to 2018-19 in order to finalise the Acquittal Program. Should funding reforms be introduced as envisaged from 1 July 2018, the state will administer and submit claims under both the existing NDRRA Determination and also under the revised arrangements for a two year period (2018-19 and 2019-20) whilst the existing model is phased out.



Source: QRA, 31 December 2017

1. Reporting of estimates, and progress of the 2018 events will commence following the next regular estimates review process scheduled for March 2018.

3.1 NDRRA program status (cont.)

Additional NDRRA assistance measures - 2017 Events

The State Government in conjunction with the Commonwealth has activated a range of Category C and Category D relief measures to alleviate distress for communities, businesses, industries and the environment impacted by STC Debbie.

Category C Community Recovery Fund (\$14.9 million)

- Fund to support initiatives and projects over a two year period aimed at restoring social networks and building community resilience and capacity for the future in the local government areas of Gold Coast, Isaac, Logan City, Mackay, Rockhampton, Scenic Rim and Whitsunday.
- The Queensland Government Department of Communities, Disability Services and Seniors (DCDSS) and Queensland Health (QHealth) is delivering three support programs to individuals, and community mental health and community development programs
- The status of the Community Recovery Fund across each key package is summarised as follows:

Package Purpose and status		Key metrics to date	
Individual Support Program (DCDSS)	\$6.120m funding available		
Financial Counselling Financial Counsellors have assisted families provide budget support for household, education and finance related expenditure		Hrs direct service user contact	1,129
		Service users case plans closed	25
Personal Support Program provides general counselling and support to individuals, with a focus on assisting people experiencing personal, social or emotional difficulties. Counsellors across impacted regions are attending community group meetings and making presentations, including to men's groups, Lives Lived Well, Community Disaster Resilience Connector and Ethnic Communities Council.		Hrs direct service user contact	2,499
		Service users with improved quality of life	338
Targeted Family Support Program provides counselling and support to families, with a focus on aiding recovery and building resilience.		Family Support online programs activated	36
Community Mental Health Program (QHealth)	\$6.126m funding available		
To support emotional wellbeing of disaster-affected individuals, carers, families & communities, through mental health support. Mental Health Screening continues in all regions with clients being referred to appropriate mental health services as part of the program delivery. Through screening of students within schools in affected areas, some youth have progressed to a treatment program to begin in Term 1 of 2018. The screenings to date have demonstrated the need to develop enhanced education for families regarding the impacts of natural disasters on children and young people to encourage families to refer earlier as part of standard disaster response.		People assessed	387
		Clients	88
		Clinical hours	170
Community Development Program (DCDSS)	\$2.38m funding available		
Community Development Officers supplement existing community development roles where there are limited social services operating, while maintaining a post-disaster focus.		Hours developing & delivering events	854
Events and activities have included a Community Disaster Resilience Connector Project; Community Resilience Art Project; Disaster Preparedness in the Aged Care Sector Forum; a Social Planning Mapping Project; Nursery and Garden Industry meeting and a Sarina Range community connection project.		Hours developing resources tools	598
Resources and Tools developed include Recovery Flyers; Recovery Stakeholder Matrix; Tourist accommodation provider resources; a Planning for Business Continuity workshop; and development of a Community Emergency Planning Toolkit. Agencies are reporting high participation levels across community forums, with some events recording > 100 participants.		Hours on training and learning	200
Reporting and Evaluation (DCDSS/QRA)	\$288k funding available		
DCDSS, in conjunction with QRA will report and evaluate key outcomes from these services in line with the National Monitoring and Evaluation Framework.		Procurement expected to complete Feb-18	

3.1 NDRRA program status (cont.)

Category D Exceptional Disaster Measures (\$96.3 million)

Package	Purpose	Status
Local Council Package (\$17.3 million)	<p>Infrastructure projects to generate employment, boost the local economy and drive community resilience in key impact areas:</p> <ul style="list-style-type: none"> • Shute Harbour Marina (\$15.2 million) - demolish and replace the existing jetty, rebuild the terminal building, repair an existing seawall, and replace ancillary infrastructure • Airlie Beach repairs, Whitsundays (\$850k) - for repairs • Bluewater Trail, Mackay (\$1.2 million) - to repair damage and remove debris. 	<ul style="list-style-type: none"> • Whitsunday Regional Council are in the process of engaging a consultant to prepare draft concept design and a cost estimate. Applications to the State Assessment and Referral Agency (SARA) have been made for the demolition of the Lloyd Roberts jetty and terminal building. Functional design brief is nearing completion. Demolition is scheduled to commence in February 2018. • Repairs are underway to Airlie Beach foreshore parklands with insurance covering a portion of the cost. Whitsunday Regional Council are in the process of determining the eligible NDRRA Category D component. • Repairs are underway to Bluewater Trail with insurance covering a portion of the cost. Mackay Regional Council are in the process of determining the eligible NDRRA Category D component.
Resilient Infrastructure (Betterment) (\$41.9 million)	<ul style="list-style-type: none"> • To restore or replace essential public assets to a more disaster resilient standard than existed pre-disaster. • The normal cost of restoring or replacing the asset to its pre-disaster standard is funded under Category B NDRRA and the incremental cost to 'better' the asset to a more disaster-resilient standard is funded by a capped allocation from the Betterment fund and Council contributions. 	<ul style="list-style-type: none"> • \$1.9 million of the Betterment fund has been pre-approved by the Commonwealth to cover the betterment component on the Shute Harbour Marina seawall • Expressions of Interest (EOI) for the remaining \$40 million funding were received from 19 of the 29 eligible (councils activated for Category B (REPA) seeking \$114 million. • Betterment EOI assessment outcomes were sent to LGAs on 19 September, inviting detailed applications for projects seeking more than \$41 million. • 93 submissions have been received from 16 Councils: <ul style="list-style-type: none"> – 37 submissions worth \$14m have been approved – 56 submissions are currently under assessment by QRA • Approximately 16 additional submissions are expected to be submitted by LGAs in the near future.
Environmental Recovery Package (\$35 million)	<ul style="list-style-type: none"> • To ensure the recovery of impacted environmental areas, including the clean-up of beaches, recreational parks, rivers and waterways • \$35 million of the Environmental Recovery Package across five areas: <ol style="list-style-type: none"> A. Coastal B. Environmental C. Riparian D. Mapping E. Water Courses 	<ul style="list-style-type: none"> • QRA & the Department of Environment & Science (DES) have agreed on a notional allocation of \$20 million for A & B packages, and \$15 million for C, D & E packages following a review of all Expressions of Interest (EOIs). • A & B (Coastal, Environmental) - \$20 million • EOIs were received from 14 of the 37 eligible Councils seeking \$31.5 million. Projects were shortlisted and Councils were requested to submit detailed applications. • 39 submissions have been received from 13 Councils and one State Agency. • 23 submissions of more than \$8 million for 10 Councils approved to date. • C, D & E (Riparian, Mapping, Water Courses) - \$15million • Following receipt of EOIs from seven Natural Resource Management (NRM) bodies, DES has allocated all funding under a two stage process: <ul style="list-style-type: none"> – \$4.8 million priority projects approved November 2017 (Stage 1) – \$10.8 million of projects approved December 2017 (Stage 2).
Economic Recovery Package (\$2.1 million)	<ul style="list-style-type: none"> • To support recovery of industry and businesses in and around impacted areas that experienced significant disruption and damage 	<ul style="list-style-type: none"> • Department of Agriculture & Fisheries (DAF) has Industry Recovery Officers (IRO) on the ground in impacted areas across five primary producer industries including nursery, grazing and cropping, horticulture, sugarcane and dairy. • Rural financial counselling services are also delivering support on the ground in impacted areas. • IRO's have been assisting primary producers with Category C Recovery Grant applications to QRIDA. • Agronomic advice is being provided to farmers on a needs basis.

Other active Category D measures

- The State and Commonwealth have agreed to continue the **Day Labour** exemption for 2015, 2016, 2017 and 2018 events, to enable councils to deliver NDRRA works with their own workforce on condition they provide savings in both time and cost.

Additional State non-NDRRA assistance measures - 2017 Events

- The state has committed to fund the full \$110 million of additional assistance measures that it would have funded under its original \$220 million Category D proposal to the Commonwealth.
- The State will fund an additional \$62 million of recovery measures in addition to its \$48 million (50 percent) contribution to the \$96 million NDRRA Category D packages approved by the Commonwealth.
- To date, the State has announced funding of \$2.65 million towards the revitalisation of the Airlie Beach Foreshore. Additional funding is being provided through the state's Building our Regions program (\$2.83 million) and Category D (\$850,000).

3.2 Recovery, resilience and mitigation activities

QRA is leading disaster recovery, resilience and mitigation policy in Queensland. A summary of recent progress is set out below:

Activity	Purpose	Status
Recovery Capability Development	<p>Recovery from Severe Tropical Cyclone Debbie and IGEM's 2017 Disaster Management Plan Assessment Report highlighted the varying levels of recovery capability across local governments.</p> <p>The Recovery Capability Development Project aims to address gaps in recovery capability through a series of training workshops and exercises.</p>	<ul style="list-style-type: none"> The Recovery Capability Development project will be delivered in three stages: <ol style="list-style-type: none"> 1. Initial Engagement 2. Training and Exercise Package Development 3. Training and Exercise Delivery (complete by 1 June 2018) The project will be developed and delivered collaboratively with state government recovery partners, including QFES, the Queensland Police Service (QPS) and the Department of Communities, Disability Services and Seniors (DCDSS). Where possible, related resilience work will be incorporated into the engagement activities conducted as Stage 2 of the project.
Disaster Management Reviews	<p>In 2015, a series of reviews were conducted into disaster management operations following Severe Tropical Cyclone Marcia.</p> <p>An Interdepartmental Committee was established to review 160 recommendations from these reviews, including KPMG's operational review of QRA.</p> <p>KPMG's operational review of the QRA identified 14 recommendations relating to operational and policy-related matters, including the need for clarity in the disaster management framework on the roles and responsibilities of the QRA.</p>	<ul style="list-style-type: none"> 11 of the 14 recommendations have been completed to date. The three remaining recommendations are progressing: <ul style="list-style-type: none"> – Technical leadership in Commonwealth funding negotiations – Greater role in prioritisation of disaster recovery funding – QRA provide support to the lead agency, QFES for a central repository for the collection and storage of whole-of-government disaster management data. Two workshops have been held between QRA and QFES to scope the recommendation.
Burnett Catchment Flood Resilience Strategy (pilot project)	<p>The Burnett Catchment Flood Resilience Strategy is a pilot project to facilitate delivery of improved flood resilience on a catchment scale, and will support LGAs in developing their own flood risk management strategies and resilience plans. The purpose of the pilot is to test and evaluate the relevant methodologies for potential State-wide application.</p>	<ul style="list-style-type: none"> The project has the support of the Wide Bay Burnett Regional Organisation of Councils, who will act as the Steering Committee for the project. Several risk workshops have been successfully held in Bundaberg and Biggenden and the project is on track to be delivered by mid-2018.
Counter Terrorism Recovery Sub-Plan	<p>QRA is working with recovery partners to ensure better preparedness for recovery operations associated with potential terrorism events.</p> <p>The Counter Terrorism Recovery Sub-plan will provide a guide to issues for consideration when planning for and undertaking recovery from terrorism events and extreme acts of violence.</p>	<ul style="list-style-type: none"> Preliminary scoping has occurred with QPS and relevant recovery partners for the development of a Counter-Terrorism Recovery Sub-Plan. Existing governance arrangements, as detailed in the Queensland Recovery Plan, will be used and supported by a Guide to issues to consider in recovery from terrorism events.
Natural Disaster Resilience Program (NDRP)	<p>The Natural Disaster Resilience Program (NDRP) is a competitive grants and subsidies program administered in Queensland by QRA, and jointly funded (\$12.003 million in total funding) by the Australian and State Governments under the National Partnership Agreement on Natural Disaster Resilience.</p> <p>The objective of the NDRP is to enhance Queensland communities' resilience to natural disasters, and seeks to strengthen community resilience to natural disasters, consistent with the Queensland State Natural Hazard Risk Assessment 2017 and the priority outcomes of the National Strategy for Disaster Resilience (NSDR).</p>	<ul style="list-style-type: none"> Extension of the National Partnership Agreement (NPA) on Natural Disaster Resilience by both the Prime Minister and the Premier is required before the program can be rolled out. The draft Implementation Plan was sent to the Commonwealth for consideration in January 2018. Development of the Funding Guidelines is in progress.

3.2 Recovery, resilience and mitigation activities (continued)

Activity	Purpose	Status
Queensland Strategy for Disaster Resilience— Implementation Plan	The Queensland Strategy for Disaster Resilience was released in July 2017 and provides an overarching framework to empower Queenslanders to factor in resilience measures and activities as they anticipate, respond and adapt to changing circumstances.	<ul style="list-style-type: none"> • A draft Implementation Plan has been developed for consideration in consultation with key stakeholders including government, non-government and community organisations independently and through a Focus Group which has met four times.
Operation Queensland Recovery Plan and reporting	<p>The Operation Queensland Recovery Plan provides the framework for a community-led approach to recovery following STC Debbie.</p> <p>The plan focuses on empowering local governments, supported by state agencies, to deliver local solutions to ensure communities are able to lead their own recovery and build resilience for future events.</p> <p>The Recovery Plan includes local recovery plans for the eight most severely impacted local government areas.</p>	<ul style="list-style-type: none"> • The Operation Queensland Recovery Plan was tabled in Queensland Parliament and publicly released on 9 May 2017. • QRA is continuing to monitor and coordinate recovery progress and effectiveness of recovery efforts.
Brisbane River Catchment Flood Studies	<p>The Queensland Government and local councils are working together on a long-term plan to manage the impact of future floods and enhance community safety and resilience in the Brisbane River floodplain.</p> <p>The project includes development of a Flood Study followed by a Strategic Floodplain Management Plan (SFMP) that will guide a coordinated approach to planning and response activities to manage flood across the floodplain.</p>	<ul style="list-style-type: none"> • The Flood Study is complete and available to the public following its launch on 5 May 2017. • The Flood Study supports the development of a draft SFMP, which is underway and scheduled for completion in early 2018. • The QRA is working with four councils (Brisbane, Ipswich, Somerset and Lockyer Valley) as well as government agencies and industry to coordinate a regionally consistent approach to managing the Brisbane River Floodplain. • A range of regional scale opportunities are being investigated as part of the SFMP including structural mitigation options, disaster management, land use planning, community awareness and resilience, building controls and integrated catchment management. • Community engagement was undertaken for the project between 14 August 2017 and 15 September 2017. This included public information displays and an online survey. • Detailed Local Floodplain Management Plans will commence from 2018.
Flood Warning Gauge Network Project	QRA continues to assist the Bureau of Meteorology (Bureau) to ensure the best available information is available for providing flood warnings and forecasts.	<ul style="list-style-type: none"> • All Stage 1 and Stage 2 Flood Warning Gauge Network Investment Plans have been finalised. In total 44 Investment Plans have been issued and 62 local councils identified in a state-wide review as requiring more detailed review of flood warning infrastructure. • The Brisbane catchment audit has now been completed by the QRA and has been issued. The Queensland (rest of state) gauge audit report has been received in draft from the Bureau. QRA has provided feedback and is awaiting the final report back from the Bureau.
North Stradbroke Island Bushfire Management Plan	The QRA and Quandamooka Yoolooburrabee Aboriginal Corporation (QYAC) are partnering to deliver Township Bushfire Management Plans for Point Lookout (Mooloomba), Amity (Pulan Pulan) and Dunwich (Goompi).	<ul style="list-style-type: none"> • QRA is undertaking this project in partnership with QYAC with support from the Department of National Parks, Sport and Racing (DNPSR). • All three plans are scheduled for completion in early 2018. • QYAC / QRA have presented the concept of the township bushfire management plans to the Southern Fire Managers Group, on North Stradbroke Island and to the Bushfire IDC in Caboolture. Both groups welcomed this approach and are keen to be involved.

3.3 Program spotlights

Tropical Cyclone Oswald Five year anniversary



Aerial photo of Bundaberg following TC Oswald, showing the extent of flooding

- Six lives were lost from flood-related incidents
- Approximately \$1.9 billion in damage
- 59 local governments activated for natural disaster funding assistance
- 5,845kms of state roads closed
- More than 390,000 homes and businesses across Queensland lost power
- Over 2000 residents in the Bundaberg region evacuated with up to 1000 North Bundaberg residents evacuated by emergency airlift, and 70 patients evacuated from Bundaberg hospital.

January 2018 marks five years since Ex-Tropical Cyclone Oswald unleashed major flooding across much of Queensland, leaving a trail of destruction from the Torres Strait to the New South Wales border.

TC Oswald developed in the Gulf of Carpentaria in January 2013 and crossed the western coast of Cape York Peninsula just after midnight on Tuesday 22 January 2013. Weakening to a low pressure system, Ex-TC Oswald moved south.

Over the Australia Day long weekend, Ex-TC Oswald unleashed extremely heavy rainfall and damaging winds between Rockhampton and Bundaberg and in the ranges along the Queensland/New South Wales with catastrophic effects.

The destruction of many public assets that had only recently been repaired from disasters in 2011 and 2012 highlighted the need for a new way of thinking about reconstruction and resilience.

In the wake of TC Oswald, the Queensland Reconstruction Authority (QRA) developed the *Queensland Betterment Framework* to increase the resilience of Queensland communities to natural disasters, while at the same time reducing future expenditure on recovery costs.

Since 2013, almost 300 Betterment projects have been completed across the state with 96 per cent remaining undamaged or sustaining only superficial damage in subsequent natural disaster events. This equates to a saving of more than \$104 million.

The latest round of Betterment funding includes more than \$40 million to increase the resilience of public assets damaged by STC Debbie. Projects include improvements to roads, floodways, bridges and a seawall, and will help communities withstand the impacts of future disasters.

The Betterment fund is provided under Category D of the joint Commonwealth-State Natural Disaster Relief and Recovery Arrangements.



Damage to Monduran Dam Access Road following excessive velocity of floodwater (top) and after the completion of Betterment works making the road more disaster resilient.

3.3 Program spotlights (continued)

TMR

Tomewin Mountain Road repairs in full swing

In March 2017, Tomewin Mountain Road sustained extensive damage, with 15 landslips occurring due to rainfall linked with Severe Tropical Cyclone Debbie.

The road is a key link between Murwillumbah and Currumbin in the Gold Coast hinterland, servicing local residents and businesses located in the area, in addition to visitors to the region.

The damage sites are spread across nine kilometres, with landslips occurring both above and below the road corridor. The damage has presented significant constraints and challenges such as scoured embankments, exposed rock faces in areas of road cutting and unstable ground conditions near slips, which have been factored into the planning and design scope for engineering treatments.

In September 2017, restoration work commenced to stabilise the road embankment at one of the most critical landslip sites. Work has been progressing well, with some minor delays experienced due to above average spring rainfall. These works are anticipated to be completed by mid-January 2018.

Crews have been working day and night shifts, with full road closures during night works as required. Feedback from local residents has been generally positive, with traffic alerts sent to residents and stakeholders as required and regular updates from the project community liaison officer.

Design for the 14 remaining sites has been finalised, with the contract expected to be awarded by mid-March 2018. Work at the remaining sites is scheduled to take eight months, weather permitting. A range of treatments will be constructed including bored pile walls with capping beams, soil nails, shotcrete and erosion matting.

Some traffic changes remain in place, with one lane open with temporary traffic signals until restoration work beneath the road has been completed. Further traffic changes will be in place once work commences on the next stage of reconstruction in 2018.



Reconstruction works at main landslip site on Tomewin Mountain Road



Reconstruction works at main landslip site on Tomewin Mountain Road



Site preparation at Tomewin Mountain Road

3.3 Program spotlights (continued)

Queensland Reconstruction Authority Queensland Flood Warning Gauge Network

As the lead agency responsible for coordinating whole-of-government flood risk management and resilience policy in Queensland, the Queensland Reconstruction Authority (QRA) is leading the implementation of a best practice approach to managing the state's flood warning gauge network.

As part of this commitment, the QRA has delivered Flood Warning Gauge Network Investment Plans to local councils for possible flood warning systems and network improvements.

Recent flooding events associated with Severe Tropical Cyclone Debbie in 2017 provided a stark reminder of the importance of developing catchment-based solutions that consider the distribution and maintenance of flood warning infrastructure, as well as the efficient sharing of information during flood events.

QRA has delivered a total of 44 Flood Warning Gauge Network Investment Plans to 62 councils across the state, identifying new and upgraded flood warning infrastructure that will help keep communities safe.

In 2015, a state-wide performance review of the Queensland Flood Warning Gauge Network was completed, identifying priority locations for improved early flood warning infrastructure.

Throughout 2016 and 2017, more than 50 stakeholder workshops provided an engaging and collaborative approach for councils and stakeholders to form a more established picture of Queensland's Flood Warning Gauge Network and future improvements that will help keep Queensland communities safe.

QRA continues to work closely with local councils and the Bureau of Meteorology to identify possible improvements to flood warning systems and an improved network for the provision of data to the Bureau of Meteorology.

Following on from this important program of work, QRA is currently leading a catchment based approach to flood risk reduction, starting with the pilot program of the Burnett Catchment Flood Resilience Strategy.

QRA will evaluate the outcomes of the pilot project in order to confirm the most appropriate approach and opportunities for the roll-out of a catchment approach to floodplain risk management across the state.

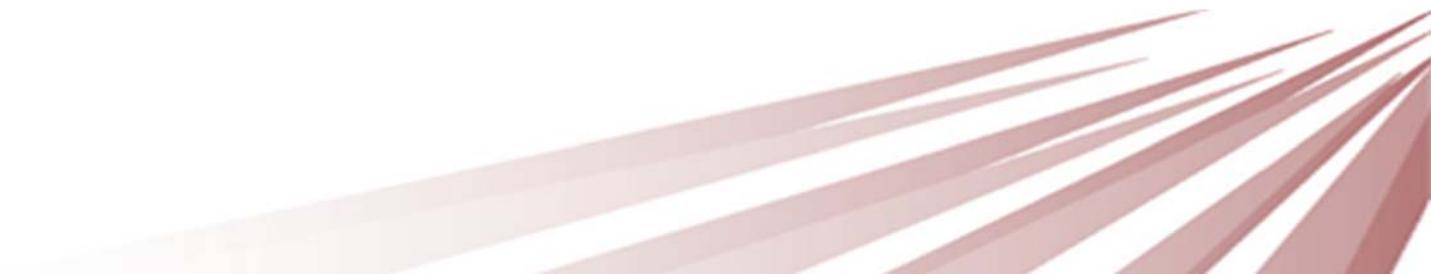


Burke River flood warning gauge at Boullia



Flood warning gauge in Warra, Western Downs Regional Council

Section four: Communications



4.0 Communications

QRA is focused on building stakeholder confidence in reconstruction by ensuring consistent and regular communication of public information.

From 22 August 2017, the QRA received administrative responsibility for the *Get Ready Queensland* campaign to assist Queenslanders prepare for storm and cyclone season. This campaign aligns with QRA's vision to build a more disaster-resilient Queensland.

4.1 Communicating progress

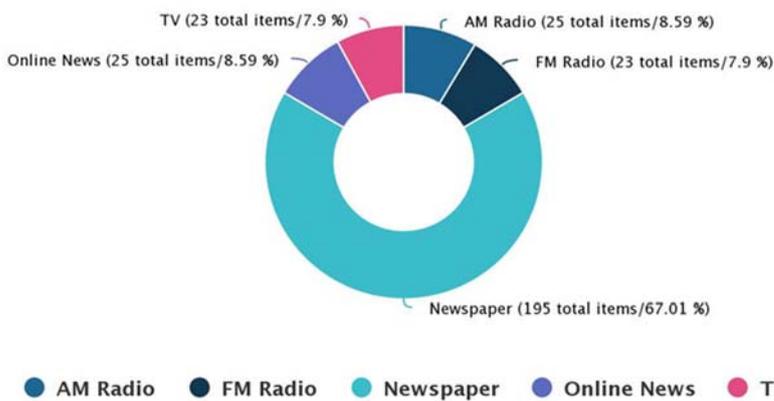
Media analysis

There were a total of 291 media items in January 2018 (195 print, 23 TV, 48 radio, 25 online) as shown in the graph below, which reached a cumulative audience of 5.9 million people. This is lower than coverage in December 2018 (376 media items), due to a relatively quiet disaster season to date. In addition, there were a number of year-in-review articles looking back on 2017, with strong coverage of Severe Tropical Cyclone Debbie.

Peak media coverage was on 12 January 2018 at the seventh anniversary of the 2011 Queensland Floods and over the Australia Day long weekend with radio mentions commemorating the fifth anniversary of TC Oswald in 2013.

Media type breakdown - volume

Media Type Breakdown – Volume



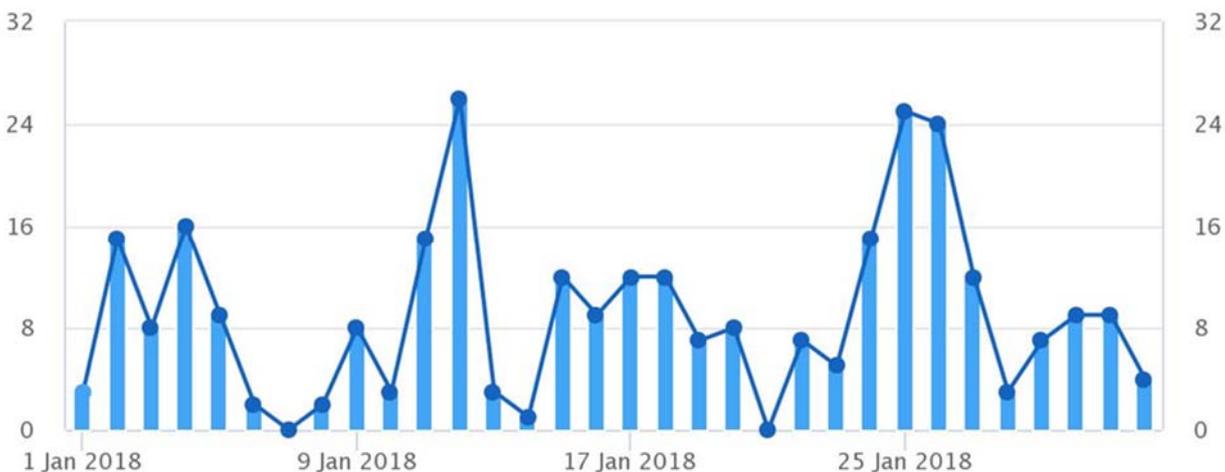
Social Media

QRA LinkedIn – As at 31 January 2018, the QRA LinkedIn account had 247 followers.

Get Ready Queensland Facebook – During January, the *Get Ready Queensland* Facebook page added 30 posts and the page received 259 views and reached 6,541 people. Of these 1,939 people actively engaged with the posts (clicked for more information).

Get Ready Queensland Twitter – As at 31 January, the *Get Ready Queensland* Twitter account had 1,239 followers.

Peak media coverage



Source: QRA at 31 January 2018

4.1 Communicating progress (Cont.)

Communications

QRA keeps its stakeholders and the community informed and ensures access to the latest information regarding the reconstruction effort through its website, social media, phone hotline and management of correspondence.

Website

QRA's website is regularly updated with information on the progress of current recovery efforts.

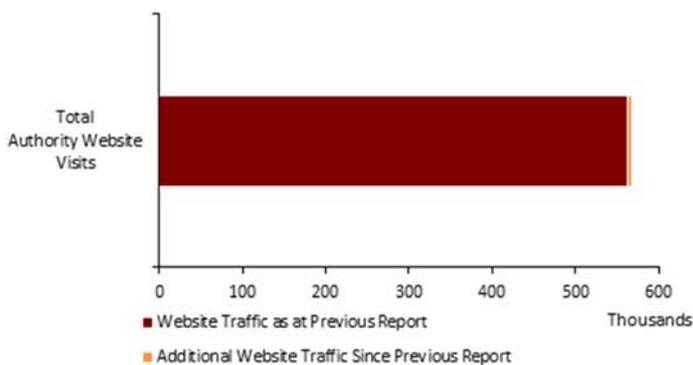
During January 2018, there were 4,286 unique visits to qldra.org.au. This is an increase of 23 per cent compared to January 2016 (3,484). The Get Ready Queensland website is now also managed by the QRA – helping to engage and assist Queensland communities prepare for storm and cyclone season. There were 994 unique visits to the homepage of getready.qld.gov.au and 5,160 total unique page views during January 2018.

Hotline and correspondence

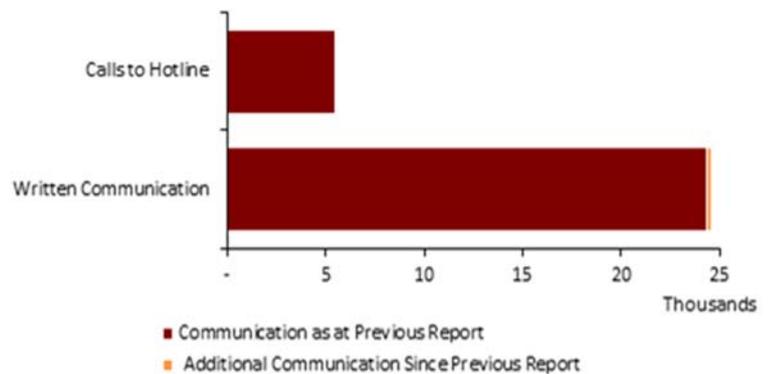
In January 2018, QRA received an additional 25 calls to our dedicated hotline and managed 229 pieces of written correspondence.

Website & Communications Traffic

Website traffic



Communications



QRA Engagement activities—January 2018

- 15-18 January: QRA CEO Mr Brendan Moon travelled to India to attend the International Workshop on Disaster Resilient Infrastructure. Hosted by the National Disaster Management Authority of India and the United Nations Office for Disaster Risk Reduction (UNISDR), Mr Moon showcased QRA's experience in rebuilding and promoting resilience following natural disasters.

4.2 Media reports

Disaster relief pay clocks up \$15m

PRIMARY producers impacted by Cyclone Debbie last March have received more than \$15 million in Natural Disaster Recovery Grants to assist with clean-up and recovery efforts.

Acting Agriculture Minister Anthony Lynham said more than 1815 grant applications to date shows sugar, beef and horticulture were the main rural industries to have suffered damage and disruption during the

cyclone and subsequent flooding." Dr Lynham said. "The grants provide up to \$25,000 for the clean-up and restoration of primary production enterprises affected by the cyclone. In order to receive a grant, affected producers need to have completed and paid for all necessary repairs and recovery work."

With grant applications for TC Debbie set to close on January 12, Dr Lynham urged any producers to finalise any initial or subsequent claim as soon as possible.

Producers can apply online or download an application form via the

Queensland Rural and Industry Development Authority (QRIDA) website at www.qrida.qld.gov.au.

To help eligible producers finalise their applications before the deadline, QRIDA staff will also be holding temporary offices in activated disaster regions next week in Bowen and Proserpine from January 8-12.

Applicants can Freecall 1800 623 946 to make a booking for these offices, speak to a QRIDA representative or to make an appointment with the local regional area manager in Mackay.

For more information and

resources including the grant guidelines, forms and online application portal, visit www.qrida.qld.gov.au.

Natural Disaster Recovery Grants (Category C) are administered by QRIDA under the joint Commonwealth / Queensland Government funded Natural Disaster Relief and Recovery Arrangements (NDRRA).

QRIDA also administers the Natural Disaster Assistance Loans (Category B) of up to \$250,000 for eligible primary producers which are available at an interest rate of 116%. Loan applications close 30 June 2019.

Daily Mercury—6 January

Ex-Debbie rains down

MARCH
DEBBIE MAKES HER
MARK

Ex-Cyclone Debbie soaked Redlands catchments leading to roads closures, downed mobile phone towers, ferry services abandoned, nearly 6000 people without power and flooding in low lying areas.

Journalists Brian Williams and Cheryl Goodenough kept Redlanders informed with rolling coverage throughout the event which saw the Redlands record 254.4mm of rain for the month.

Ferocious conditions were reported with Capalaba having the best falls, with 163mm in a 24 hour period. About 100 trees were knocked down as the remains of ex-Cyclone Debbie blew through.

More than 8100 calls for SES and community recovery assistance were received in two days after the event.



STORM DAMAGE: Ex-Cyclone Debbie left destruction in her wake across South East Queensland. Many trees were reported down across the Redlands.

Redland City Bulletin – 24 January

Source: QRA at 31 January 2018

4.0 Communications (cont.)

4.2 Media reports

Grants for TC Debbie victims

Queensland Country Life-
11 January 2018

THE sugar industry was the hardest hit primary producer during Cyclone Debbie, with 889 growers receiving Natural Disaster Recovery Grants worth over \$7 million to assist with clean-up and recovery efforts.

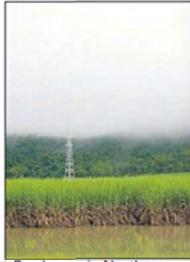
More than 1,815 applications from primary producers based from Bowen to Boonah have been approved, with the total grant payouts exceeding \$15.5 million.

Acting Agriculture Minister, Dr Anthony Lynham said a breakdown of approved grant applications showed sugar, beef and horticulture were the main rural industries to have suffered damage and disruption during the cyclone and subsequent flooding.

Tropical Cyclone Debbie crossed the Queensland coast near Airlie Beach on March 28 as a category four system and caused widespread flooding as she moved down the coast.

Dr Lynham said grants of up to \$25,000 each were provided to primary producers to help with the clean-up and restoration of enterprises affected by the cyclone.

—JESSICA JOHNSTON



Producers in North Queensland received grants to help them

Storm & cyclone guide

What to do before, during and after

THE Whitsunday region has a very high risk of being impacted by cyclones during the 'wet season' or 'cyclone season' which officially runs from November 1 to April 30, although very few have occurred in November.

With Cyclone Debbie still on the minds of local residents, it is time to make sure you are properly prepared for the next cyclone season. Cyclone Debbie passed through in late March last year, causing widespread damage across the Whitsundays.

WHAT SHOULD I DO

The information in this checklist was prepared by Emergency Management Australia in consultation with State/Territory Emergency Services to help protect you and your property.

BEFORE THE CYCLONE SEASON

- Check to see if your home has been built to cyclone standards (generally houses constructed after 1982)
- Know your Evacuation Zone (Storm Tide).
- Check that the walls, roof and eaves of your home are

SECURE

- Trim tree tops and branches well clear of your home
- Preferably fit shutters, or at least metal screens, to all glass areas

- Clear your property of loose material that could blow about and possibly cause injury or damage during extreme winds
- In case of a storm surge/tide warning, or other flooding, know your nearest safe high ground and the safest access route to it

- Prepare an emergency kit
 - Keep a list of emergency phone numbers on display
 - Check neighbours especially if elderly or if recent arrivals
 - Monitor cyclone potential throughout the season (www.bom.gov.au)

WHEN A CYCLONE WATCH IS ISSUED

- Re-check your property for any loose material and tie down (or fill with water as last resort) all large, relatively light items such as boats and rubbish bins
- Fill your fuel tanks and any jerry cans. Check your emergency kit and fill water containers
- Ensure household members know which is the strongest part

of the house and what to do in the event of a cyclone warning or an evacuation

- Tune to your local radio/TV/internet for further information and warnings
- Check that neighbours are aware of the situation and are preparing

WHEN A CYCLONE WARNING IS ISSUED

Depending on official advice provided by your local authorities as the event evolves, the following actions may be warranted

- If requested by local authorities, collect children from school or childcare centre and go home
- Park vehicles under solid shelter (hand brake on and in gear)
- Put wooden or plastic outdoor furniture in your pool or inside with other loose items
- Close shutters or board up or heavily tape all windows (tape does not strengthen windows, but minimises the glass shatter if broken). Draw curtains and lock doors



TC RECOVERY: A cane field on Shute Harbour Rd is battered by winds in the prelude to Tropical Cyclone Debbie. PHOTO: FILE

More than \$15M for rebuilding

QUEENSLAND primary producers impacted by Severe Tropical Cyclone Debbie last March have received more than \$15 million in Natural Disaster Recovery Grants to assist with clean-up and recovery efforts.

Acting Agriculture Minister Anthony Lynham said more than 1815 applications from primary producers from

Bowen to Boonah had been approved for \$15.5 million. "A breakdown of approved grant applications to date shows sugar, beef and horticulture to be the main rural industries to have suffered damage and disruption during the cyclone and subsequent flooding," Dr Lynham said.

"The grants provide up to

\$25,000 for the clean-up and restoration of primary production enterprises affected by the cyclone.

"In order to receive a grant, affected producers need to have completed and paid for all necessary repairs and recovery work." Grant applications for TC Debbie will close today - Friday, January 12.

Rural Weekly - 12 January 2018

Gladstone Observer - 27 January 2018

Gladstone-Monto Rd will be repaired in 'four months'

Work finally begins to fix damaged road



Bowen Independent - 24 January 2018

Chris Lees
chris.lees@gladstoneobserver.com.au

EXCLUSIVE: About 10 months after ex-tropical Cyclone Debbie damaged the Gladstone-Monto Rd through the Dawes Range, repair work has begun.

Signs saying the road is not suitable for semi-trailers have been in place since the road was damaged following heavy rain from the cyclone. The State Government said road construction to fix 17 landslips caused by the cyclone started this week near Gladstone and north of Rockhampton.

Member for Gladstone Glenn Butcher said the work would concentrate on landslips on Gladstone-Monto Rd at the Dawes Range, south of Many Peaks.

"Following a full assessment of the damage and scope of repairs, a contract has been awarded to Ark Construction Group to repair the region's landslips over the next four months," he said.

Mr Butcher thanked the community and industry in the Boyne Valley for their



BEWARE: A road sign just outside of Bullyn in the Boyne Valley warns trucks of the road's dangers. PHOTO: MATT TAYLOR

patience. "I will continue to advocate for this region to ensure infrastructure improves across the Gladstone region well after these repairs are completed," he said.

"For local industries such as cattle and logging, the detour has meant additional travel times of up to six hours for every trip. Boyne Valley resident Frank McKee said it was not good enough it had taken so long to get to this point.

"If it was in the south-east corner it would've been fixed within 10 days, here it's 10 months and we're still waiting," he said.

Mr McKee said producers

trying to move cattle to Monto had to go the long way around.

"It's just put an enormous cost on people trying to do business in the Boyne Valley region," he said.

"It's been frustrating, disappointing and demoralising." Mr McKee said you could get through the road in a 2WD before the repair work started.

However, he said the roadworks had to be done properly. "Just do it once and do it right," Mr McKee said.

"This is just gone on and on and on, so we will believe it when we see it."

Transport and Main Roads Minister Mark Bailey said the Gladstone-Monto Rd was expected to reopen within four months.

"Motorists are reminded when travelling through these roadworks to slow down, obey road signs, remain alert to the changed traffic conditions and drive safely," he said.

During the work a single lane be open and there will be 24-hour traffic management. Semi-trailers will not be able to get through.

The roadworks will be similar to work completed on the Mount Morgan Range after Cyclone Marcia in 2015.

"The first action will be removal of loose material from the landslip and construction of a new base using large rock," Mr Butcher said.

"This rock will be placed in a staircase formation to form the foundation on which the section of Gladstone-Monto Road will be rebuilt."

Works will be undertaken from Monday to Saturday between 6am-6pm.

Free counselling for CQ Cyclone Debbie sufferers

CYCLONE Debbie sufferers now have their chance to share the hardship and grief they experienced.

Free counselling, general and financial, is now available for those affected by the tropical cyclone which wreaked havoc in Central Queensland.

UnitingCare Queensland is behind the *Budgeting for the Unexpected* program.

The next community event, which partners with Rockhampton Libraries, will be held at the Mount Morgan School of Arts on Tuesday, January 23 from 10am.

In the free workshop, UnitingCare Queensland will provide tips on building resilience should a crisis or other unexpected event cause increased stress on the household budget and advice for general budgeting.

There will be a range of activities from community development, engagement, information and educational events that support the goals of the Community Recovery Program.

The program is designed for locals affected by the natural disaster, which hit last year, to build resilience.

UnitingCare Queensland will partner with councils, service providers and groups to conduct outreach, activities, and training.

For information, contact UnitingCare Queensland, Bernie 0427 852 225 for general counselling, Tanya 0400 941 848 and for financial counselling, Jeff on 4930 7342.

WORKSHOP

- Budgeting for the Unexpected
- Held at the Mount Morgan School of Arts
- Tuesday, January 23 from 10am
- Contact Bernie on 0427 852 225; Tanya 0400 941 848 or Jeff 4930 7342

Morning Bulletin - 15 January 2018



A HELPING HAND: UnitingCare Queensland is helping Central Queenslanders who have been affected by Tropical Cyclone Debbie. PHOTO: CONTRIBUTED

Damaged Coast roads in line for fix

HINTERLAND roads are next in line for a fix months after cyclone Debbie tore through.

Restoration works at a critical site along Currumbin Creek-Tomewin Mountain Rd will be finished this month.

Transport and Main Roads Minister Mark Bailey said with around 200 landslips recorded, repairing the damage is a mammoth effort.

"Georgiou Group will carry out work on Gold Coast-

Springbrook Rd and McIlwain Civil Engineering will repair Lamington National Park Rd," Mr Bailey said

"Construction should be complete by the end of 2018, weather permitting."

Gold Coast Bulletin - 4 January 2018

RECOVERY

In the aftermath of Cyclone Debbie, numerous Whitsunday Regional Council facilities and assets were in need of repairs or improvements. Funding received from a range of sources, including council, insurance providers and jointly funded Natural Disaster Relief and Recovery Arrangements under the federal and state governments, will generate a wide range of infrastructure projects to rebuild the Whitsunday region.

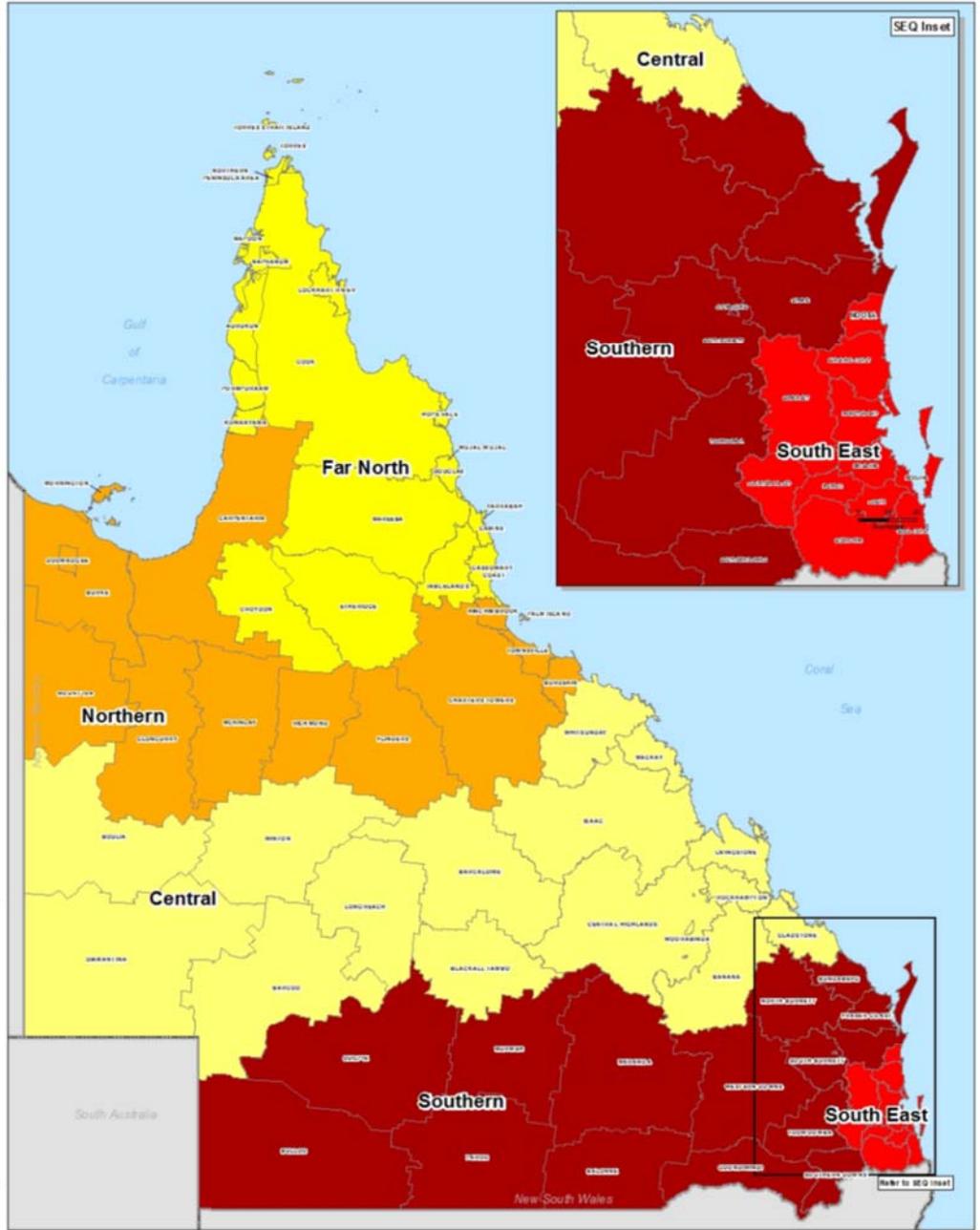
Whitsunday Guardian - 26 January 2018

Morning Bulletin - 15 January 2018

Appendices

Appendix A: Local Government Areas by Region

Region	Local Government Areas (LGAs)		
Far North Queensland (FNQ)	ASC	Aurukun Shire Council	
	CRG	Cairns Regional Council	
	CCRC	Cassowary Coast Regional Council	
	CoSC	Cook Shire Council	
	CfSC	Croydon Shire Council	
	DSC	Douglas Shire Council	
	ESC	Etheridge Shire Council	
	HVASC	Hope Vale Aboriginal Shire Council	
	KASC	Kowanyama Aboriginal Shire Council	
	LRASC	Lockhart River Aboriginal Shire Council	
	MASC	Mapoon Aboriginal Shire Council	
	MbaSC	Mareeba Shire Council	
	NASC	Napranum Aboriginal Shire Council	
	NPARC	Northern Peninsula Area Regional Council	
	PASC	Pormpuraaw Aboriginal Shire Council	
	TRC	Tablelands Regional Council	
	TSC	Torres Shire Council	
	TSIRC	Torres Strait Island Regional Council	
	WWASC	Wujal Wujal Aboriginal Shire Council	
	YASC	Yarrabah Aboriginal Shire Council	
North Queensland (NQ)	BrdSC	Burdekin Shire Council	
	BrkSC	Burke Shire Council	
	CSC	Carpentaria Shire Council	
	CTRC	Charters Towers Regional Council	
	CISC	Cloncurry Shire Council	
	DASC	Doomadgee Aboriginal Shire Council	
	FSC	Flinders Shire Council	
	HSC	Hinchinbrook Shire Council	
	McSC	McKinlay Shire Council	
	MoSC	Mornington Shire Council	
	MICC	Mount Isa City Council	
	PIASC	Palm Island Aboriginal Shire Council	
	RSC	Richmond Shire Council	
	TCC	Townsville City Council	
	Central Queensland (CQ)	BanSC	Banana Shire Council
		BarRC	Barcaldine Regional Council
BarSC		Barcoo Shire Council	
BTRC		Blackall-Tambo Regional Council	
BOSC		Boulia Shire Council	
CHRC		Central Highlands Regional Council	
DSC		Diamantina Shire Council	
GSC		Gladstone Regional Council	
IRC		Isaac Regional Council	
LSC		Livingstone Shire Council	
LRC		Longreach Regional Council	
MacRC		Mackay Regional Council	
RRC		Rockhampton Regional Council	
WRC		Whitsunday Regional Council	
WSC		Winton Shire Council	
WASC		Woorabinda Aboriginal Shire Council	
Southern Queensland (SQ)	BaSC	Balonne Shire Council	
	BSC	Bulloo Shire Council	
	BRC	Bundaberg Regional Council	
	CASC	Cherbourg Aboriginal Shire Council	
	FCRC	Fraser Coast Regional Council	
	GoRC	Goondiwindi Regional Council	
	GRC	Gympie Regional Council	
	MarRC	Maranoa Regional Council	
	MuSC	Murweh Shire Council	
	NBRC	North Burnett Regional Council	
	PSC	Paroo Shire Council	
	QSC	Quilpie Shire Council	
	SBRC	South Burnett Regional Council	
	SDRC	Southern Downs Regional Council	
ToRC	Toowoomba Regional Council		
WDRC	Western Downs Regional Council		
South East Queensland (SEQ)	BCC	Brisbane City Council	
	GCCC	Gold Coast City Council	
	ICC	Ipswich City Council	
	LVRC	Lockyer Valley Regional Council	
	LCC	Logan City Council	
	MBRC	Moreton Bay Regional Council	
	NSC	Noosa Shire Council	
	RCC	Redland City Council	
SRRC	Scenic Rim Regional Council		
SRC	Somerset Regional Council		
SCRC	Sunshine Coast Regional Council		



Disclaimer:
This map has been prepared by the Dept of Queensland, Energy,
Water and Environmental Protection for the Queensland Reconstruction Authority. The Queensland Reconstruction Authority does not warrant the accuracy or completeness of the information provided on this map. The Queensland Reconstruction Authority does not warrant the accuracy or completeness of the information provided on this map.

Queensland Reconstruction Authority

**Local Government Areas
and QldRA Reporting Regions**

Scale at A4: 1:6,700,000

Legend

- Far North Queensland
- North Queensland
- Central Queensland
- Southern Queensland
- South East Queensland
- Local Government Areas

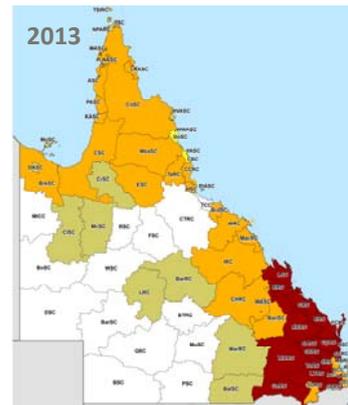
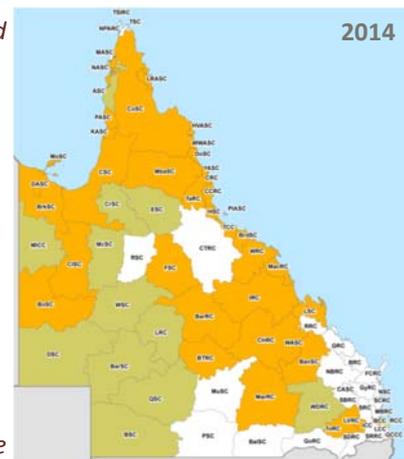
As at 5/02/2014

Appendix B: NDRRA activations managed by QRA - 2007 to 2014 Events

2014 events

Delivery and acquittal of works complete other than three LGA programs that received extensions of time for delivery)*

- Tropical Cyclone Ita & Associated Rainfall & Flooding, 11-14 April 2014
- Tropical Cyclone Gillian - 10 to 11 March 2014
- Central Coast & Southern Queensland Trough, 26-30 Mar 2014
- Central & Western Queensland Flooding & Rainfall, 18-28 February 2014*
- North East Queensland Monsoonal Rainfall & Flooding - 7 to 9 February 2014*
- Tropical Cyclone Fletcher, commencing 2 February 2014*
- Far North Queensland Peninsula Flooding (27-31 Jan 2014)
- Tropical Cyclone Dylan, 31 January 2014
- North Stradbroke Island Fires, commencing 29 Dec 2013



2013 events

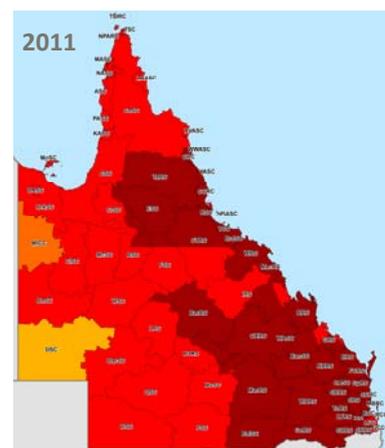
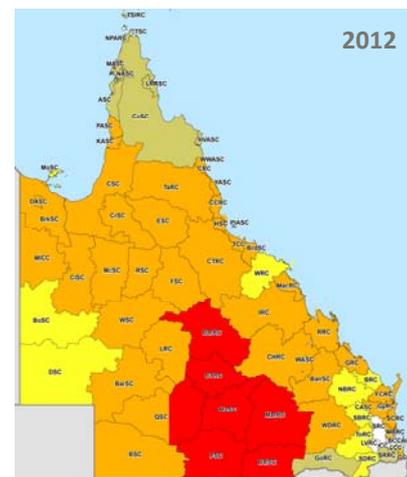
(Delivery and acquittal of works complete other than three projects that received extensions of time for delivery)

- South West Queensland Wildfires, 21 December 2012
- Far Northern Queensland Bushfires, late Oct - Dec 2012
- Tropical Cyclone Oswald & Associated Rainfall & Flooding, 21-29 January 2013[#]
- Longreach Flood, 18 February 2013
- Central & Southern Queensland Low, 25 Feb - 5 Mar 2013.

2012 events

(Delivery and acquittal of works complete)

- Queensland Bushfires, August to October 2011
- Localised Heavy Rainfall Northern Queensland, October 2011
- Southern Queensland Flooding, December to December 2011
- South East Queensland Heavy Rainfall and flooding, 23- 26 January 2012
- Western Queensland Tropical Low, January - February 2012
- Far Northern Queensland Tropical Low, 3-4 February 2012
- North Coast Queensland Storms & flooding & East Coast Hybrid Low, 24 Feb - 7 March 2012
- Northern & Far Northern Queensland Heavy Rainfall & flooding, 15 Mar 2012
- East Coast Low, 22 March 2012.



2011 events

(Delivery and acquittal of works complete)

- South West Flooding, April 2011
- Queensland Monsoonal Flooding Event, 28 February 2011
- Severe Tropical Cyclone Yasi on 2 February 2011
- Queensland Flooding & Tropical Cyclones Tasha & Anthony, Dec-2010 to February 2011.

2007-2010 events managed by QRA

(Delivery and acquittal of works complete)

- Queensland Monsoonal Flooding & Tropical Cyclones Olga, Neville, Ului and Paul, Jan to Apr 2010
- Northern, Central & South West Queensland Flooding, 22 December 2009 to 8 January 2010
- South West Flooding, 20 – 25 December 2009
- 2010 South East Queensland Flooding, 9-12 October 2010.
- Queensland Bushfires, September – October 2009
- South West Queensland Low and Associated Flooding, September 2010
- South East Queensland Low, May 2009
- Queensland Monsoonal flooding and Tropical Cyclone Charlotte and Ellie, January - February 2009
- Queensland storms and associated flooding, 16-22 December 2008
- South West Queensland flooding, June 2008
- Queensland Monsoonal flooding, February March 2008
- Queensland Monsoonal flooding, January 2008
- South East Queensland East Coast Low, 27 December 2007 - 7 January 2008
- Central Western Queensland storms and flooding, 22-30 December 2007
- South West Queensland storms and flooding, 23-30 November 2007
- South East and North Coast Queensland East Coast Low, August 2007.

