

Georgia Voutsis

From: NGComms <sdccqfes@id.ngcomms.net> on behalf of State Disaster Coordination Centre <sdcc@qfes.qld.gov.au>
Sent: Tuesday, 5 February 2019 2:16 AM
To: Georgia Voutsis
Subject: Update Flood Warning - Major for Ross River Catchment
Attachments: Ross River Aplin Weir as at 0207 050219.PNG; Bluewater Ck Bluewater as at 0211 050219.PNG; IDQ65145 as at 0211 050219.gif

Follow Up Flag: Follow up
Flag Status: Completed

Dear Senior Policy Officer Georgia Voutsis,

Update Flood Warning - Major

Warning Area: Ross River Catchment/s

Regions: Northern ROC
DDMGs: Townsville DDMG
LDMGs: Townsville LDMG

Additional Information

A **Severe Weather Warning** remains current for this catchment. The previous **SEWS Storm Warning** has been cancelled as rainfall decreased.

Weather Warning

IDQ20735

Australian Government Bureau of Meteorology, Queensland

TOP PRIORITY: The Bureau and Emergency Services would appreciate this message being broadcast regularly.

Major Flood Warning for the Ross River

Major Flood Warning for the Bohle and Flood Warning for the Black River and Bluewater Creek

Issued at 2:02 am EST on Tuesday 5 February 2019

Flood Warning Number: 50

RISK TO LIFE AND PROPERTY

Dam releases have reduced as levels in the Ross River Dam have reduced.

Moderate flooding is easing slowly at Aplin Weir, however renewed rises to the major flood level are possible if further heavy rainfall occurs.

Conditions may change rapidly. Stay informed, look for updates and follow advice of emergency services.

IMPORTANT INFORMATION FROM TOWNSVILLE CITY COUNCIL:

Residents in many suburbs across Townsville are warned that they may experience flooding from rapid rises of the Ross River. This includes Rosslea, Hermit Park, Railway Estate, Townsville City, Oonoonba, Idalia, Cluden, West End, Rowes Bay, Garbutt, Aitkenvale, Cranbrook, Currajong, Mysterton, Pimlico, Mundingburra, Douglas, Annandale, Kirwan and Thuringowa Central and South Townsville areas.

Everyone in the above suburbs should ensure they move away from riverbanks and

get to higher ground. Residents still in their homes in these suburbs should move to the highest ground in their dwelling.

A map of potential inundated properties has been released by Townsville City Council.

If you require evacuation assistance, contact SES on 132 500. For life-threatening emergencies call 000.

For more information listen to local radio, phone 1800 738 541 or visit Councils Emergency Management Dashboard disaster.townsville.qld.gov.au

Ross River:

Dam releases have reduced as levels in the Ross River Dam have reduced. River levels downstream at Black Weir remain below the minor flood level (2.00 metres).

The Ross River at Aplin Weir is currently at 2.21 metres (moderate flood) and falling. The Ross River at Aplin Weir is expected to remain below the major flood level (2.90 m) Tuesday morning. Further intense rainfall may cause renewed rises.

Bohle River:

Renewed rises have commenced across the headwaters of the Bohle River during Tuesday morning as further heavy rainfall moves into the catchment associated with severe thunderstorms.

No observations are currently available for the Bohle River at Mt Bohle. Based on upstream river levels, the Bohle River at Mt Bohle is expected to be around the minor flood level of 4.00 metres.

Black River and Bluewater Creek:

Further areas of intense rainfall up to 120 mm/hr was recorded across the headwaters of Bluewater Creek and Black River during the last few hours, although the intensity of the rain has reduced within the last hour.

Strong stream rises and moderate flood levels are occurring along Bluewater Creek, with higher levels and major flooding possible within the hour. Similar strong river rises are occurring along Black River during Tuesday morning.

Flood Safety Advice:

Remember: If it's flooded, forget it. For flood emergency assistance contact the SES on 132 500. For life threatening emergencies, call Triple Zero (000) immediately.

Current emergency information is available at www.qld.gov.au/alerts

Next issue:

The next warning will be issued by 05:00 am EST on Tuesday 05 February 2019.

Latest River Heights:

Lt Bohle R u/s Bohle Junction Alert, 0.84, Rising, 01:56 AM TUE 05/02/19

Bohle R at Hervey Range Rd TM, 4.40, Steady, 01:09 AM TUE 05/02/19

Bohle R at Dalrymple Rd Alert, 7.64, Falling, 01:18 AM TUE 05/02/19

Bohle R at Mt Bohle Alert, Not Available

Black R upstream Bruce Hwy Alert, 4.39, Rising, 01:53 AM TUE 05/02/19

Bluewater Ck at Bluewater Alert, 8.03, Rising, 01:53 AM TUE 05/02/19

Ross R at Ross River Dam Alert, 41.97, Falling, 12:27 AM TUE 05/02/19

Ross R at Black Weir (Riverway) Alert, 1.70, Falling, 01:29 AM TUE 05/02/19

Ross R at Aplin Weir Alert, 2.21, Steady, 01:55 AM TUE 05/02/19

Ross R at Rooneys Bridge Alert, 3.90, Falling, 01:41 AM TUE 05/02/19

Townsville Harbour Tide Alert, 1.10, Rising, 01:48 AM TUE 05/02/19

Cape Ferguson Tide TM, 1.06, Steady, 01:33 AM TUE 05/02/19

This advice is also available by dialling 1300 659 219. Warning, rainfall and river information are available at www.bom.gov.au/qld/flood. The latest weather forecast is available at www.bom.gov.au/qld/forecasts.

If you require any further information, please contact the SDCC Watch Desk as undersigned.

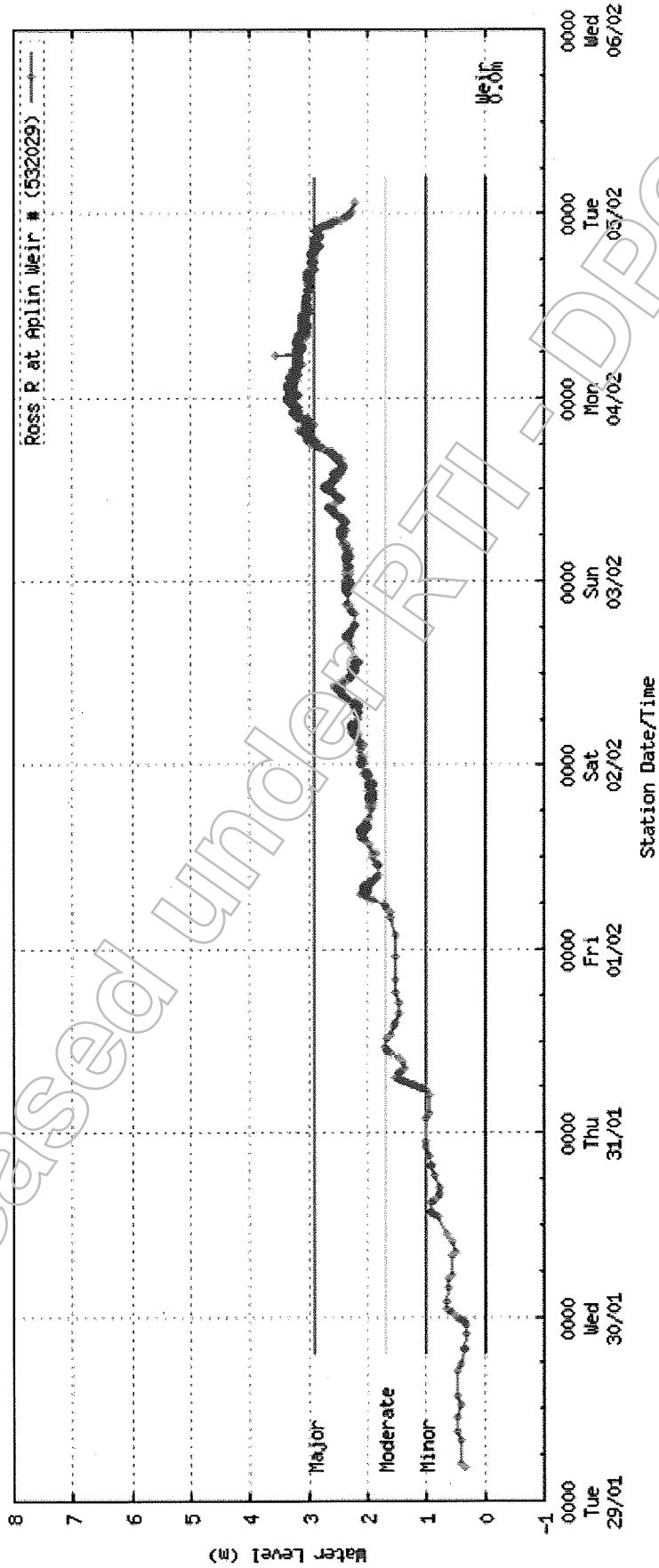
Regards,

State Disaster Coordination Centre | Watch Desk
Queensland Fire and Emergency Services
Level 2, State Disaster Management Centre, Kedron
GPO Box 1425 Brisbane QLD 4001
P: 07 3635 2387 (24hrs) | M:
F: 07 3357 4682 | E: sdcc@qfes.qld.gov.au

Released under RTI - DPC

Station details: Station Number: 532029 Name: Ross R at Aplin Weir # Owner: TCC:118900
 Flood levels: Minor: 1.00 Moderate: 1.70 Major: 2.90

Data from the previous 7 days.

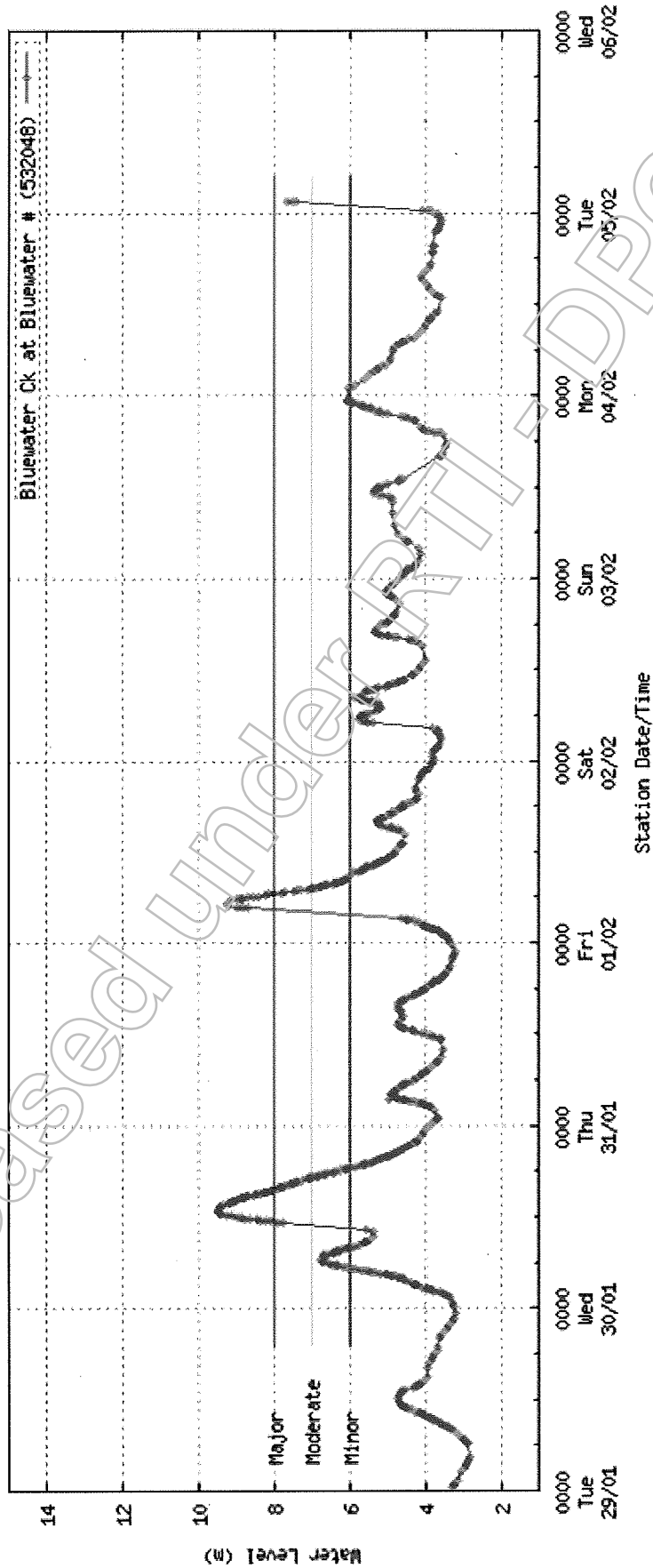


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Australian Government Bureau of Meteorology

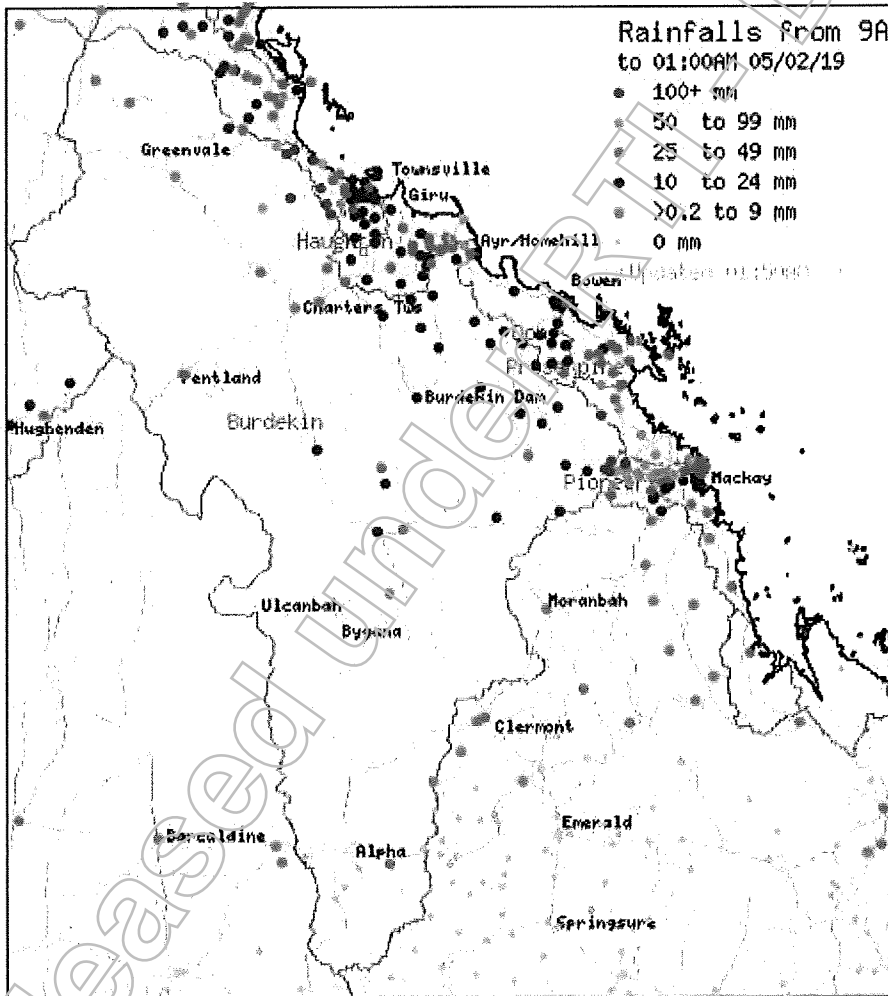
Station details: Station Number: 532048 Name: Bluewater Ck at Bluewater # Owner: TCC:117901
 Flood levels: Minor: 6.00 Moderate: 7.00 Major: 8.00

Data from the previous 7 days.



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Australian Government Bureau of Meteorology



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Follow Up Flag: Follow up
Flag Status: Completed

Dear Senior Policy Officer Georgia Voutsis,

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Warning Area: Ross River Catchment/s

Regions: Northern ROC
DDMGs: Townsville DDMG
LDMGs: Townsville LDMG

Additional Information

A **Severe Weather Warning** remains current for this catchment.

Weather Warning

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Australian Government Bureau of Meteorology, Queensland

TOP PRIORITY: The Bureau and Emergency Services would appreciate this message being broadcast regularly.

Major Flood Warning for the Ross River

Major Flood Warning for the Bohle and Flood Warning for the Black River and Bluewater Creek

Issued at 5:00 am EST on Tuesday 5 February 2019

Flood Warning Number: 51

RISK TO LIFE AND PROPERTY

Dam releases have reduced as levels in the Ross River Dam have reduced.

Moderate flooding continues to slowly ease at Aplin Weir, however renewed rises to the major flood level are possible if further forecast heavy rainfall occurs.

Conditions may change rapidly. Stay informed, look for updates and follow advice of emergency services.

IMPORTANT INFORMATION FROM TOWNSVILLE CITY COUNCIL:

Residents in many suburbs across Townsville are warned that they may experience flooding from rapid rises of the Ross River. This includes Rosslea, Hermit Park, Railway Estate, Townsville City, Oonoonba, Idalia, Cluden, West End, Rowes Bay, Garbutt, Aitkenvale, Cranbrook, Currajong, Mysterton, Pimlico, Mundingburra, Douglas, Annandale, Kirwan and Thuringowa Central and South Townsville areas.

Everyone in the above suburbs should ensure they move away from riverbanks and get to higher ground. Residents still in their homes in these suburbs should

move to the highest ground in their dwelling.

A map of potential inundated properties has been released by Townsville City Council.

If you require evacuation assistance, contact SES on 132 500. For life-threatening emergencies call 000.

For more information listen to local radio, phone 1800 738 541 or visit Councils Emergency Management Dashboard disaster.townsville.qld.gov.au

Ross River:

Dam releases have reduced as levels in the Ross River Dam have reduced. River levels downstream at Black Weir remain below the minor flood level (2.00 metres) and continue to slowly ease.

The Ross River at Aplin Weir is currently at 2.11 metres (moderate flood) and falling. The Ross River at Aplin Weir is expected to remain below the major flood level (2.90 m) Tuesday morning. Further forecast heavy rainfall may cause renewed rises.

Bohle River:

Renewed rises are occurring along the Bohle River following further heavy rainfall during Tuesday morning.

No observations are currently available for the Bohle River at Mt Bohle. Based on upstream river levels, the Bohle River at Mt Bohle is expected to be above the minor flood level of 4.00 metres.

Black River and Bluewater Creek:

Strong stream rises and major flood levels have peaked at Bluewater Creek Tuesday morning. Similarly strong rises and moderate flood levels have also peaked at Black River. River and stream levels continue to ease during Tuesday morning. Renewed rises are possible with further forecast rain over the next few days.

Flood Safety Advice:

Remember: If it's flooded, forget it. For flood emergency assistance contact the SES on 132 500. For life threatening emergencies, call Triple Zero (000) immediately.

Current emergency information is available at www.qld.gov.au/alerts

Next issue:

The next warning will be issued by 08:00 am EST on Tuesday 05 February 2019.

Latest River Heights:

Lt Bohle R u/s Bohle Junction Alert, 1.99, Rising, 04:08 AM TUE 05/02/19

Bohle R at Hervey Range Rd Alert, 5.15, Rising, 04:54 AM TUE 05/02/19

Bohle R at Dalrymple Rd Alert, 8.14, Rising, 04:53 AM TUE 05/02/19

Bohle R at Mt Bohle Alert, Not Available

Black R upstream Bruce Hwy Alert, 4.59, Falling, 04:53 AM TUE 05/02/19

Bluewater Ck at Bluewater Alert, 7.53, Falling, 04:53 AM TUE 05/02/19

Ross R at Ross River Dam Alert, 41.91, Falling, 03:09 AM TUE 05/02/19

Ross R at Black Weir (Riverway) Alert, 1.65, Rising, 04:56 AM TUE 05/02/19

Ross R at Aplin Weir Alert, 2.11, Steady, 04:55 AM TUE 05/02/19

Ross R at Rooneys Bridge Alert, 3.75, Falling, 03:29 AM TUE 05/02/19

Townsville Harbour Tide Alert, 1.30, Rising, 04:56 AM TUE 05/02/19

Cape Ferguson Tide TM, 1.17, Steady, 04:33 AM TUE 05/02/19

This advice is also available by dialling 1300 659 219. Warning, rainfall and river information are available at www.bom.gov.au/qld/flood. The latest weather forecast is available at www.bom.gov.au/qld/forecasts.

If you require any further information, please contact the SDCC Watch Desk as undersigned.

Regards,

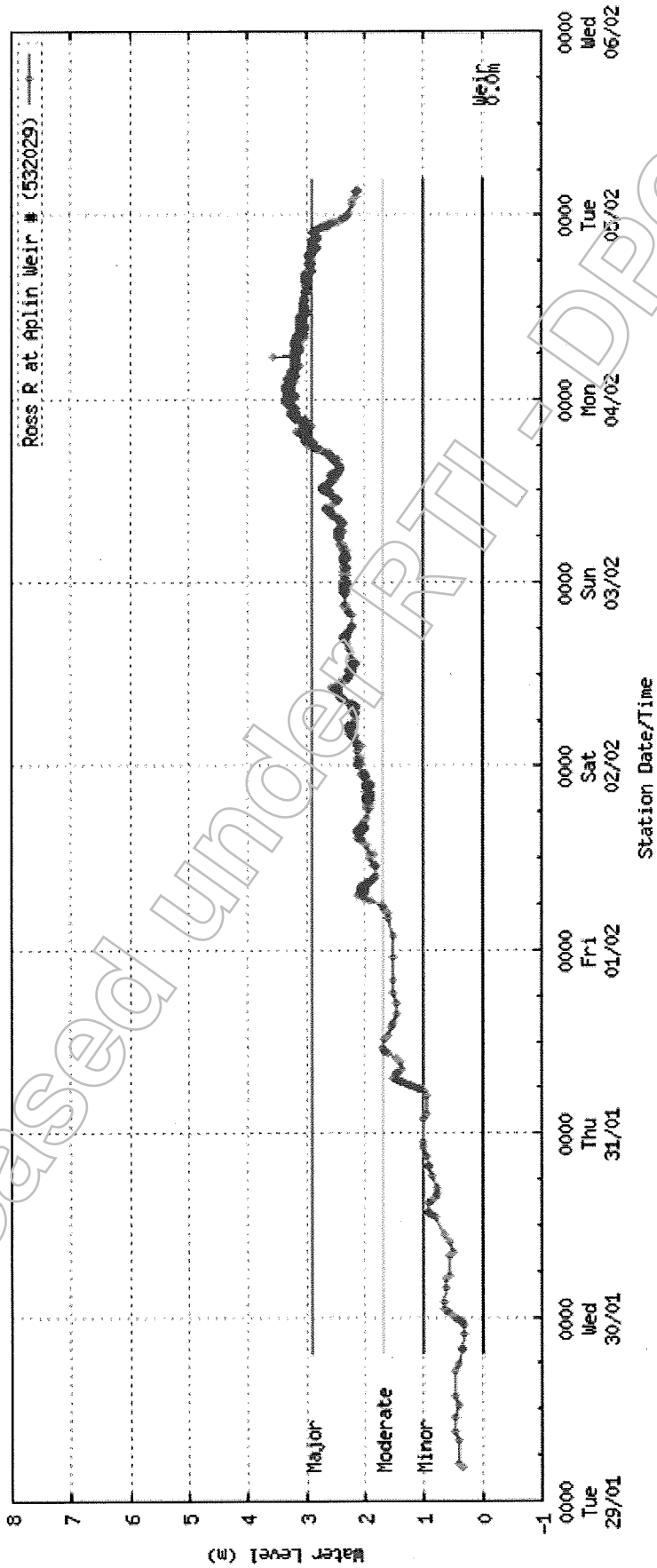
State Disaster Coordination Centre | Watch Desk

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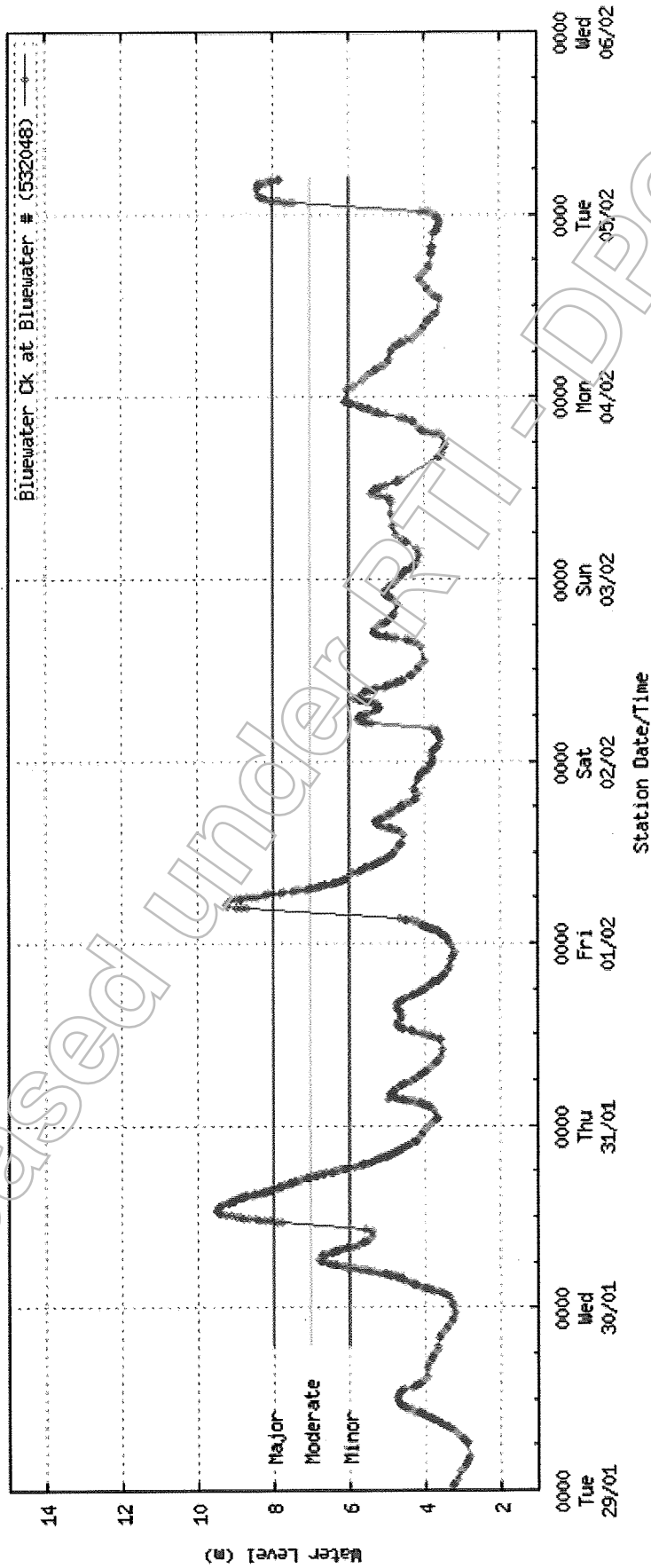


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Australian Government Bureau of Meteorology

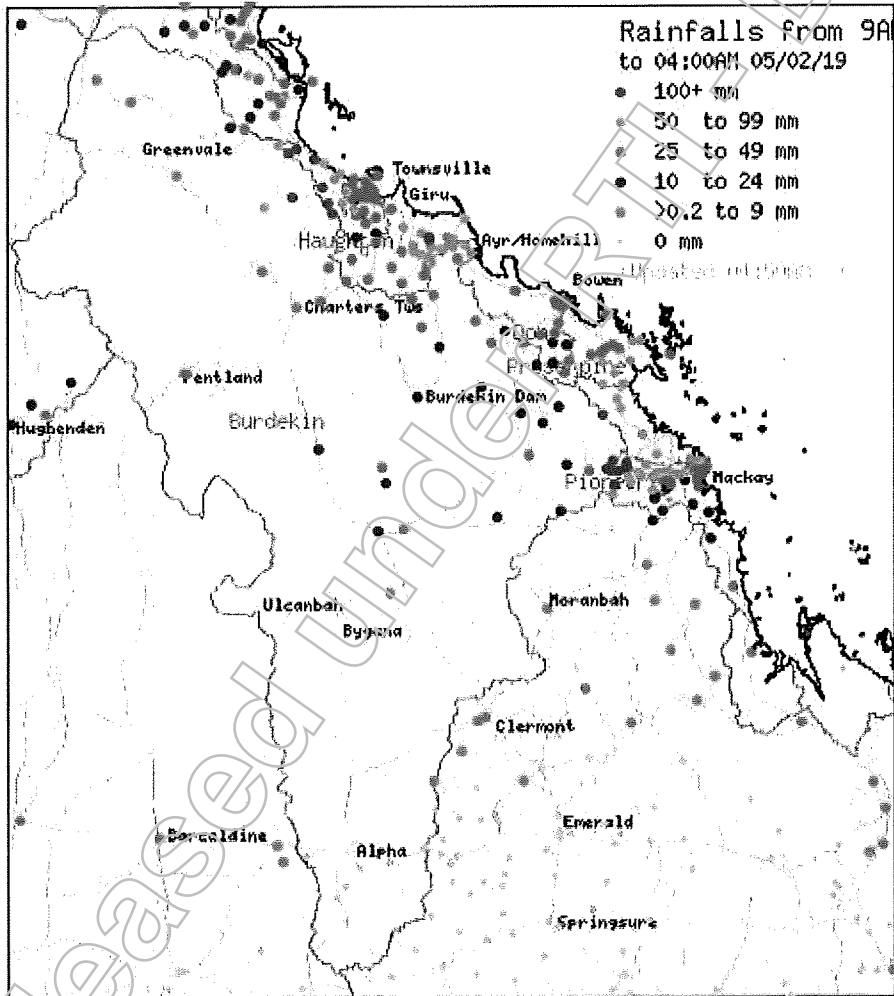
Station details: Station Number: 532048 Name: Bluewater Ck at Bluewater # Owner: TCC-117901
 Flood levels: Minor: 6.00 Moderate: 7.00 Major: 8.00

Data from the previous 7 days.



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Australian Government Bureau of Meteorology



Released Under DPC

Key Messaging

Report Time

05/02/2019 05:30

Report ID

R13282621

Event

Active Monsoon Far Northern Queensland - January 2019

Key Messaging

- Heavy rain continues to fall across large parts of North Queensland, affecting areas from Cardwell to Mackay, and Townsville in particular.
- Areas along the east coast including Charters Towers are expected to receive six hourly rainfall totals between 150 and 200mm.
- The spillway gates at the Ross River Dam were opened on Sunday 3 February and releases are expected to continue, but will be scaled back when water levels have reduced.
- Residents are being urged to evacuate when instructed to do so and take appropriate action to ensure their safety and the safety of their family.
- Register.Find.Reunite is a Red Cross service allowing you to register to let people know you are safe. For more information visit register.redcross.org.au.
- People who need to evacuate are asked to seek alternate accommodation with friends and family before seeking help from Townsville's evacuation centres. The centre at Cranbrook is at capacity, but people can still seek shelter at centres in Alligator Creek, Bluewater, Heatley and North Shore. For evacuation centre details, go to disaster.townsville.qld.gov.au.
- For the latest weather warnings and conditions, visit www.bom.gov.au.
- For key road closures and to keep up-to-date with conditions, visit qldtraffic.qld.gov.au
- In a life threatening emergency, call Triple Zero (000).
- Emergency Alerts are current for areas across the region. Stay tuned to your local radio and follow the Queensland Police Service on social media for updates.

Sub Issue

Safety

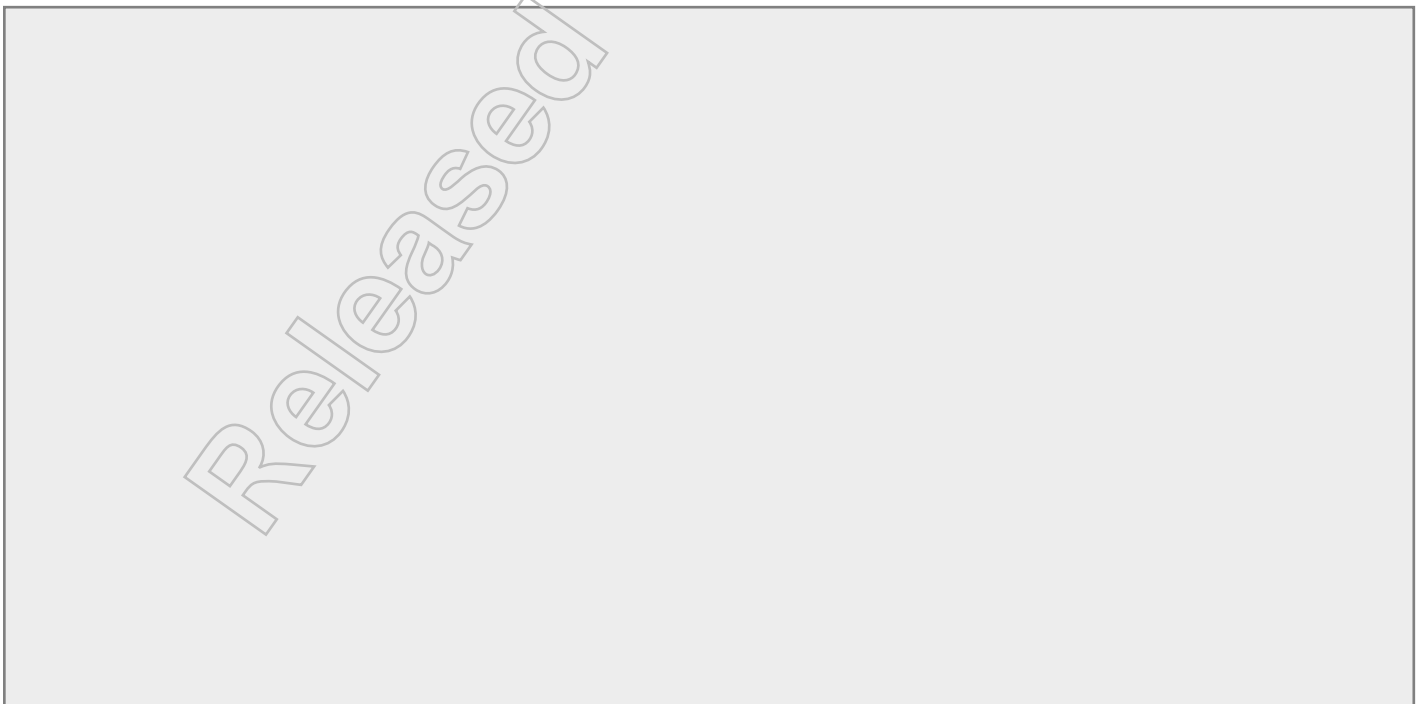
- Extra emergency service personnel (QFES, QPS, etc) have been deployed to the region and are working with partner agencies to respond to requests for assistance.
- The State Emergency Service (SES) has received more than 343 requests for assistance in the 24 hours to 5am today (Tuesday 5 February).
- For damage and flood assistance, contact the SES on 132 500 or log a job using the SES Assistance app.
- Stay tuned to your local radio and follow QPS on social media for updates.
- Police are urging all residents to stay off the roads and out of flood waters in Townsville today due to the unprecedented flood levels and ongoing severe wet weather.

Transport





Closure of schools/universities/colleges/public facilities





Health

- The Townsville Hospital is open and offering all emergency services for those who need care.

General health advice

- If residents are having issues with sewage entering their property, information is available on the Townsville City Council website at www.townsville.qld.gov.au/water-waste-and-environment/waste-water/common-wastewater-questions.
- If you're at risk of being isolated by floodwaters, ensure you have an appropriate first aid kit and enough medication in the event you cannot reach a pharmacy or doctor.
- Apart from the very serious danger of being swept away or drowning, floodwaters also increase the risk of diseases such leptospirosis, melioidosis and gastroenteritis.
- It's very important that residents avoid activities like swimming, diving, surfing, kite surfing and jet skiing until local councils can confirm that water quality is safe again.
- Wear protective clothing like boots and gloves if you're cleaning up in flood-affected areas, and disinfect household surfaces that have come into contact with floodwater.
- Try to avoid contact with mud and dirt, and wash your hands thoroughly before eating and after touching pets that might have come into contact with water or soil.
- If you receive a cut or scrape during the clean-up, treat it with antiseptic and cover with protective dressing immediately. If the skin around cuts becomes red or sore, see your doctor.

Key Messaging

- Mosquitos carrying diseases like dengue fever might be more common after a natural disaster so be sure to cover up with long and loose clothing, and use insect repellent.
- Be Crocwise and if you see a crocodile, please report it as soon as possible to DES on 1300 130 372.
- If you see a snake, don't attempt to catch or remove it. Contact a local licensed snake removalist if you need assistance.
- If you have lost power, the food in your fridges and freezers could have been impacted. Keep fridge and freezer doors closed for as long as possible – the food in a closed fridge can be kept for up to four hours and freezer food for up to 24 hours.
- Throw out flood damaged foods. When it comes to food safety, always remember that if in doubt, throw it out.
- During this time, looking after yourself, your family and your friends is essential. You can seek help from Life-line (13 11 14) or by calling the Mental health access line on 1300 MH CALL (1300 642255) 24 hours a day, 7 days a week.
- For mental health support for babies and young children visit Birdie's Tree:
<https://www.childrens.health.qld.gov.au/natural-disaster-recovery/>

Community recovery

- A Townsville Community Recovery Hub will open today (Tuesday 5 February) at the State Government Building, ground floor, 187-209 Stanley Street, Townsville. It will be open from 9am – 5pm, seven days per week.
- A pop-up Cooktown Community Recovery Hub will be open at the Bloomfield Library, 24 Third St, Ayton today (Tuesday 5 February) from 9am – 2.30pm.
- Donated items should not be delivered to evacuation centres. GIVIT is working in partnership with the Queensland Government to manage donated funds and all offers of goods and services.
- Around 230 ready reserves are working on community recovery state-wide.
- Agencies will work with those in disaster-affected areas to replace life event certificates or identification lost or destroyed in the flood.

Funding assistance

- We have negotiated with Emergency Management Australia to fast track requests for disaster assistance activations under the Disaster Recovery Funding Arrangements (DRFA).
- As at 10pm on 4 February, eleven (11) councils have been announced as activated for assistance under the DRFA. The councils are Burdekin Shire Council, Cairns Regional Council, Charters Towers Regional Council, Cook Shire Council, Douglas Shire Council, Hope Vale Aboriginal Shire Council, Palm Island Aboriginal Shire Council, Richmond Shire Council, Townsville City Council, Whitsunday Regional Council and Wujal Wujal Aboriginal Shire Council.
- The following assistance has been activated:
 - Personal Hardship Assistance Scheme (PHAS) and
 - Essential Services Safety and Reconnection Scheme (ESSRS) for entire
 - Townsville City Council
 - And limited areas of:
 - Burdekin Shire Council
 - Cook Shire Council
- Douglas Shire Council
- Wujal Wujal (PHAS only).

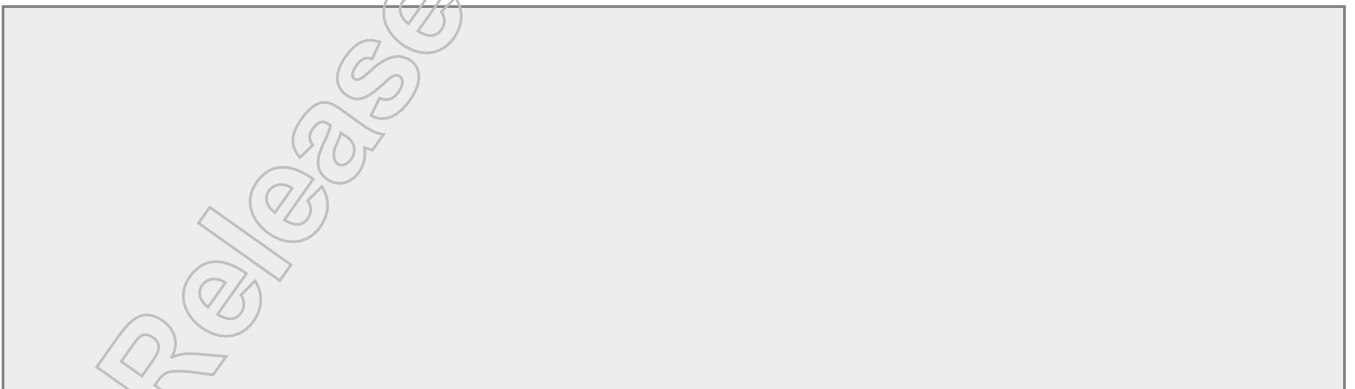
Key Messaging

- Restoration of Essential Public Assets (REPA) and Counter Disaster Operations (CDO):
 - Cook Shire Council
 - Douglas Shire Council
 - Wujal Wujal Aboriginal Shire Council
 - Burdekin Shire Council
 - Hope Vale Aboriginal Shire Council
 - Cairns Regional Council
 - Whitsunday Regional Council
 - Townsville City Council
 - Palm Island Aboriginal Shire Council
 - Charters Towers Regional Council
 - Richmond Shire Council
- Further funding assistance will be provided through DRFA activations.
- These grants, of up to \$180 per person, to a maximum of \$900 for a family of five or more, are available to people experiencing genuine financial hardship as a result of this weather event.
- As at 6pm Monday 4 February, more than 5600 applications had been received.
- People who are distressed or experiencing hardship due to the flooding can contact the Community Recovery Hotline on 1800 173 349.
- As at 6pm Monday 4 February, more than 2750 had been received by the Hotline.

Housing



Agriculture



Electrical safety

- Carbon monoxide poisoning is a real risk for people in the vicinity of a petrol-powered generator or pump if these are used in an enclosed area.
- Make sure generators and pumps are situated in well-ventilated areas, preferably outside.

Key Messaging

- Only connect a generator to your home through a change-over switch and socket, never through a power-point on any of your existing circuits.
- Customers who have had their switchboard or homes inundated will require inspection by a licenced electrical contractor prior to their individual reconnection, including solar panels. Information can be found at www.masterelectrician.com.au/page/Consumers/Electrical_tips/Severe_Weather/.
- Make sure you know where to turn off your power, gas and water supply in an emergency.
- If you've lost power, turn off your power points and unplug electrical equipment.
- If flood waters are expected, switch off and unplug electrical equipment, then move it to higher locations.
- Stay away from fallen powerlines. Report any fallen, low or damaged lines to the emergency services or your local electricity supplier.
- Stay clear of electrical signs, street lights, electrical cables, foil insulation or other conductive material that may be lying around your house.
- If you've lost power, contact your local electrical supplier who should be able to advise when power will be re-connected.
- Don't touch a damaged switchboard. Stay away from switchboards if they are damaged by water, fire or lightning and warn others to do the same.

Electrical appliances

- Using water-damaged equipment can result in electric shocks and fires.
- Dispose of or have a licensed electrical contractor repair water-affected household electrical items, such as kettles, toasters and televisions.
- Have a licensed electrical contractor check all hard-wired electrical appliances, such as air-conditioning units or stoves, intended for re-use. This safety check may be required before the power supply can be reconnected.

Solar PV systems

- Shut down your solar PV system using the safe isolation procedure.
- If your solar PV system has been damaged in a flood, storm or cyclone you need to have an electrical contractor inspect the system and check it is safe.
- Solar panels – homeowners should note solar panels will still be generating power even when the power is off. The risk of shock or electrocution remains the same.

Tourist information

- If you are holidaying, or intending to travel to a destination affected by a disaster, contact your holiday accommodation manager or travel provider.
- If you are directly affected, act immediately on advice provided. Have essential items ready to go (important documents, essential medication, battery powered radio/torch, water, first aid kit, small amount of cash).
- Tourists can use Evacuation Centres, which are a last resort and provide basic amenities.
- Information for tourists and tourism operators about responding to natural disasters can be found online at www.ditid.qld.gov.au/tourism/tourism-planning.

Hot Issues

Key Messaging

If asked question

- Response

Approval

Prepared	Laura Verney - Coordinator	05/02/2019 06:38
Endorsed	Laura Verney - Coordinator	05/02/2019 06:38
Approved	Joanne Morgan - Staff Officer	05/02/2019 06:47

Released under RTI - DRG



State Update

Event	Active Monsoon Far North Queensland		
State Update No.	13	Report ID	R13282121
Report From	1600hrs on 04/05/2019	Report To	0800hrs on 05/02/2019
Distribution	QDMC, SDCG, affected DDMGs and LDMGs		

Weather

Overview

- The monsoon trough extends from the Gulf Country across the base of Cape York Peninsula to the east tropical coast near Townsville and should remain stationary or drift slowly to the south over the next day or two.
- A deep tropical low that lies on the monsoon trough over northwest Queensland is slow moving to the east and will continue to move in an easterly direction during the next few days.
- Very heavy falls with possible local flash flooding are likely to continue about parts of the coast and adjacent inland between about Cardwell and Mackay.
- Showers, rain areas and thunderstorms with locally heavy falls are expected elsewhere for areas north of about Boulia to Mackay.
- Risk of **tidal inundation** and **monsoonal squalls** across the Gulf Coast, Cape York Peninsula and Torres Strait Islands.

Hydrology

- **Flood watch** for coastal catchments from Daintree to Mackay, the western Cape York Peninsula and Gulf of Carpentaria catchments.
- Widespread **moderate** to **major** flooding is expected in the flood watch area over the next few days.

Warnings

- **Major** flood warning – Flinders River, Cloncurry River, Leichhardt River, Haughton River, Ross River and Upper Burdekin River.
- **Moderate** flood warning – Bohle River, Don River, Herbert River, Lower Burdekin River (below Burdekin Falls dam), Thomson River, Barcoo River and Cooper Creek.
- **Minor** flood warning – Norman River, Georgina River, Murray River and Isaac River catchment.
- **Flood** warning – Nicholson River, Gregory River, Gilbert River, Proserpine River and Diamantina River.
- **Initial Minor** flood warning – Bulloo River.
- **Severe Weather** warning current for damaging winds and abnormally high tides in parts of the Peninsula and Gulf Country forecast districts.
- **Severe Weather** warning for heavy rainfall and damaging, locally destructive winds for Herbert and Lower Burdekin, Central Coast and Whitsundays and parts of Gulf Country, North Tropical Coast and Tablelands, Northern Goldfields and Upper Flinders, North West, Central Highlands and Coalfields and Central West Forecast Districts.



State Update 13 for Active Monsoon FNQ as at 0800hrs on 05/02/2019

- **Marine Wind** warning current for:
Tuesday 05/02/19 - **Gale** warning for North East Gulf of Carpentaria and **Strong Wind** warning for South East Gulf of Carpentaria, Torres Strait, Peninsula Coast, Cooktown Coast and Mackay Coast.

Wednesday 06/02/19 – **Strong Wind** warning for North East Gulf of Carpentaria, Torres Strait, Peninsula Coast, Townsville Coast, Mackay Coast and Capricornia Coast

Overview

Emergency Alert campaigns issued

- 2 Campaigns have been issued since 1600hours 04/02/2019:
 - 2 **Emergency Warning (SEWS)** for Townsville LDMG for heavy rainfall and potential flooding in Bluewater area.

Current Status of Activations

State Activations SDCC – STAND UP

	DDMGs	LDMGs
Stand Up	Townsville	Burdekin, Charters Towers, Cloncurry, Flinders, Richmond, Townsville
Lean Forward	Innisfail, Mount Isa	Cassowary Coast, Etheridge, Hinchinbrook, Mount Isa, Palm Island, Wujal Wujal
Alert	Far North, Mackay	Aurukun, Cairns, Carpentaria, Cook, Douglas, Hope Vale, Mareeba, McKinlay, Mornington, Napranum, Northern Peninsula, Torres Strait, Weipa, Whitsunday, Yarrabah
Stand Down		

Disaster Declarations

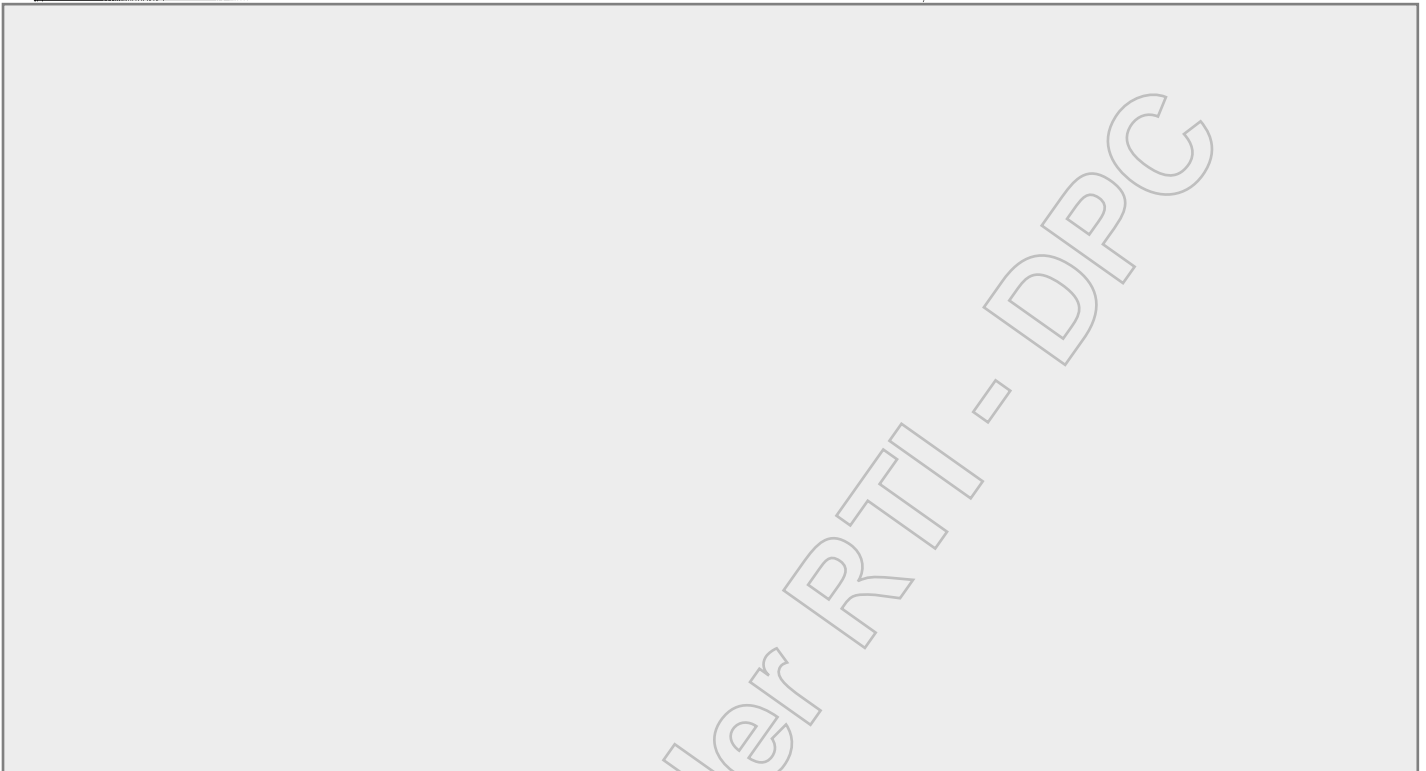
DDMG	Declared	Expiration	Ended	Extension
Townsville	1745hrs on 31/01/2019	1745hrs on 14/02/2019		

People

Deaths Nil reported.
Missing Persons Nil reported.
Searches Nil reported.



Evacuation Centres / Places of Refuge



Community Safety Summary

Queensland Police Service

Submitted By A/Snr Sgt Bob Gardner Date / Time 05/02/2019

- An additional **33** QPS members arrived in Townsville yesterday and commence shifts today.
- **20** officers initially deployed are returning home today.
- The additional officers will enhance the specialist capability availability for response operations and subsequent transition to recovery.
- A high profile policing presence is being maintained in and around impacted areas to ensure the safety and security of the community.
- Police are assisting with the safe movement of re-supply trucks from Mackay to Townsville and through to Cairns.

Queensland Fire and Emergency Services

Submitted By Janet Richardson Date / Time 05/02/2019 06:37hrs

- For the 24hr period (0500hrs 04/02/19 to 0500hrs today):
 - Swiftwater Floodwater Rescue (SFR) firefighters have rescued **1** person, assisted in relocating **95** persons to a safe place, assisted other agencies with **16** persons and the search for **2** persons (located) in the Townsville area.
 - SES has received **343** requests for assistance, with most in the Townsville area for flood assistance.

State Update 13 for Active Monsoon FNQ as at 0800hrs on 05/02/2019

- More than **150** personnel have been deployed from around the state to support efforts in north Queensland, which includes **38** SFR firefighters.
- QFES continues to closely monitor weather conditions across the Queensland central and central-west areas. SFR firefighters have been deployed (Proserpine, Mackay, Longreach and Winton) and SES volunteers with floods boats are positioned in Bowen and Winton to respond if the monsoon moves further south.
- Damage assessment activities are resuming when conditions allow. QFES personnel and volunteers effected by flooding will continue to be identified, supported and assisted with their recovery.

Queensland Ambulance Service

Submitted By Monica Farrow Date / Time 05/02/2019 05:55hrs

- **2** Emergency Medical Dispatchers will deploy to Townsville Operations Centre to support Counter Disaster Operations today.
- **8** supervisors and paramedics will deploy to support the Townsville Local Ambulance Coordination Centre (LACC).
- A total of **34** officers have been deployed to the Active Monsoon - North Queensland Event with 10 more officers travelling today.
- The QAS has attended **93** cases affected by flooding since 25/01/19.
- The SIMR continues to monitor the current weather event and is coordinating all state deployments.
- Demobilisation plans are being prepared for the first deployments.

Health Summary

Queensland Health

Submitted By Nicole Mandalios Date / Time 05/02/2019 06:37hrs

- SHECC remains at **Stand Up**.
- Townsville HHS at **Stand Up**, Cairns and Hinterland HHS at **Lean Forward**, Torres and Cape HHS at **Alert**.
- All potentially impacted Hospital and Health Services continue to monitor road conditions and undertake relevant internal and external communications. All sites have undertaken extensive preparedness activities.
- Mackay HHS are actively monitoring and have confirmed preparedness including generators and supplies.
- North West: McKinlay Shire MPHS continues to have no landline phones - still unresolved.
- North West HHS: closely monitoring clinical, food and medication supplies due to inability to receive and liaising closely with the SHECC and Health Support Queensland.
- Forward planning for pharmacy resupply, and other supplies, is underway across multiple HHSs.

Townsville HHS

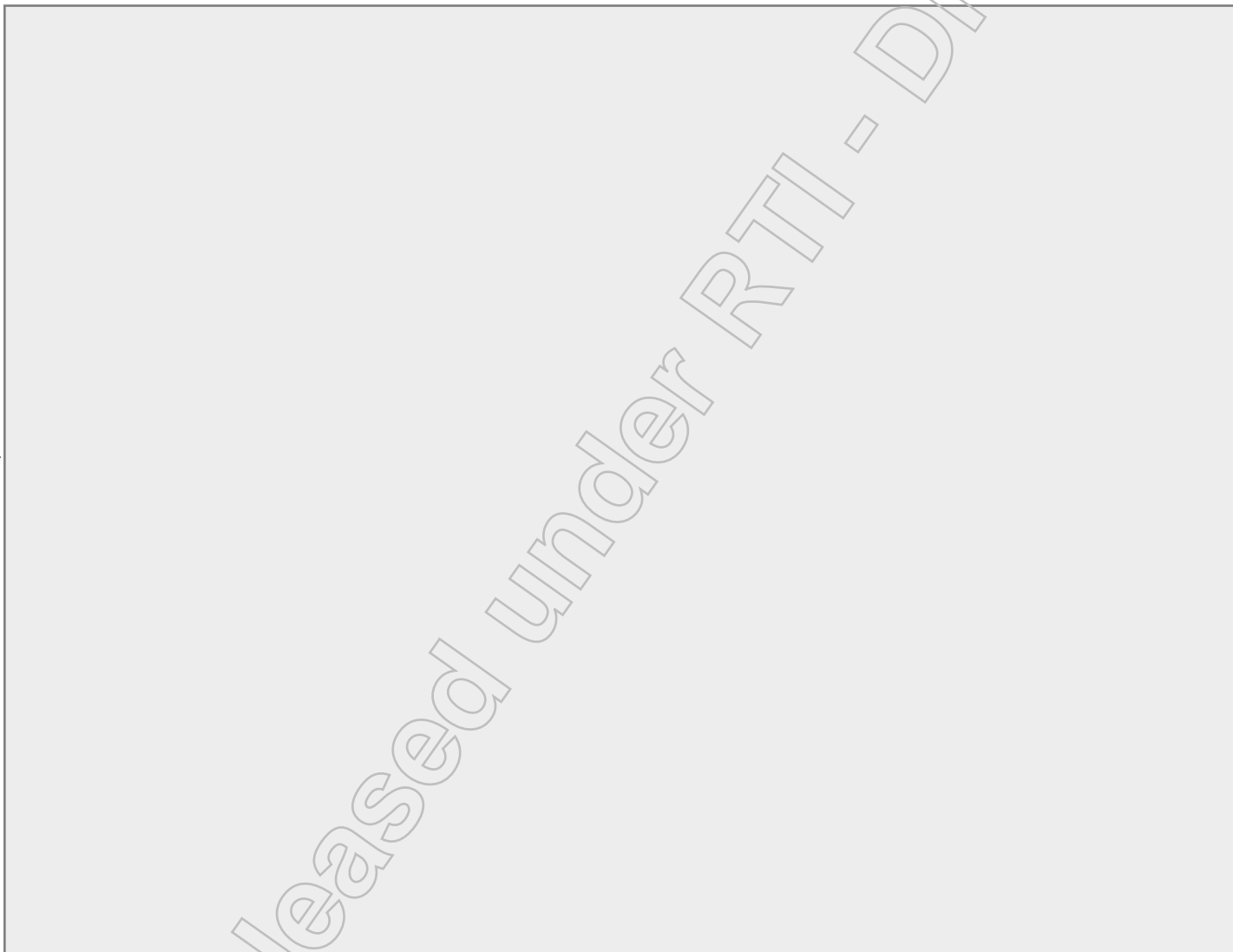
- The Townsville Hospital is **open** and offering all emergency services for those who need care. Routine services will gradually resume from today.
- Additional home stay ward opened to cater for patients who are unable to return home or to other suitable accommodation.
- With improved road access yesterday, focus includes creating additional logistics capacity to enable appropriate patient discharge.
- Queensland Health has commenced deployment planning to assist Townsville HHS, with deployments to commence Tuesday if possible. Environmental health officer deployments already in place.
- Public health units are attending evacuation centres.

Public Health - Boil water alerts **remain** in place for:

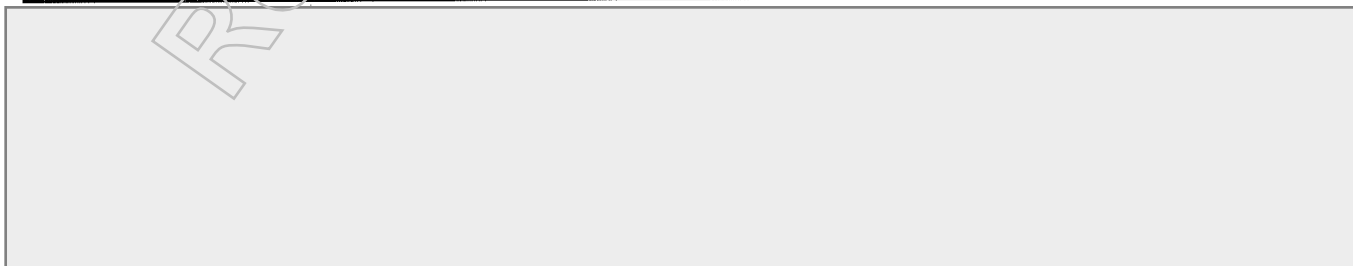
- Hammond Island

- Tully and Tully Rural
- Ravenshoe/Millstream/Atherton International Club
- Palm Island. Palm Island drinking water treatment plant repaired and operational – testing underway prior to lifting boil water alert.
- Wujal Wujal – 13 properties - water sampling taking place to commence process to lift boil water alert.

Power and Water Summary



Transport Summary

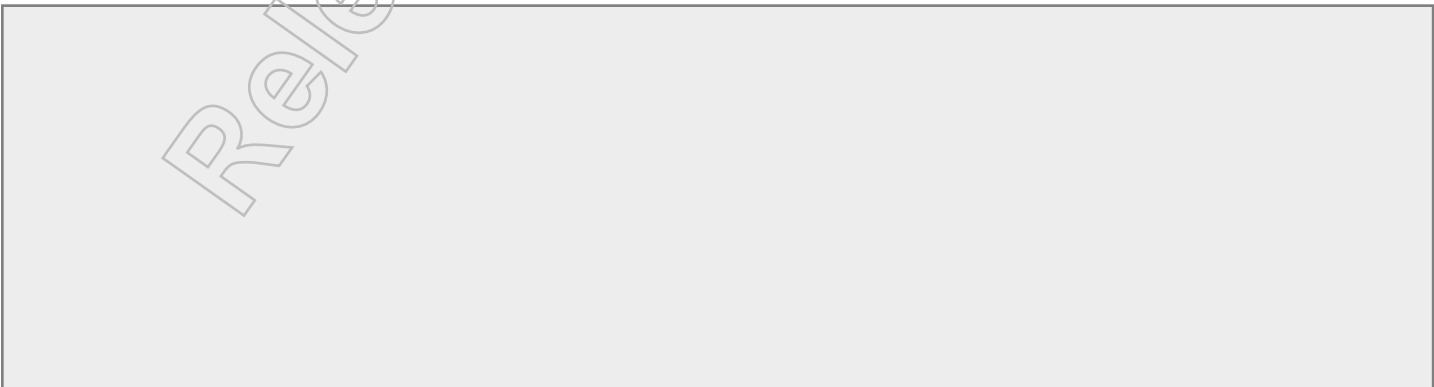


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Communications and Information Technology Summary





Human / Social Summary

Department of Child Safety, Youth and Women

Submitted By Thomas Allsop Date / Time 04/02/2019 21:30hrs

- The department is closely monitoring the event as it unfolds and has processes in place to ensure the ongoing safety of vulnerable clients.



State Update 13 for Active Monsoon FNQ as at 0800hrs on 05/02/2019

Department of Communities, Disability Services and Seniors

Submitted By Diana Young Date / Time 05/02/2019 06:15hrs

- Yesterday (04/02/19) a request for activation DRFA - PHAS and ESSRS was submitted for Charters Towers Regional Council - Hervey Range and Palm Island Aboriginal Shire Council LGA.
- The financial assistance measures are now activated for the following defined locations:
 - Townsville City Council LGA
 - Wujal Wujal Aboriginal Shire Council LGA
 - Burdekin Shire Council – Barratta, Cromarty, Giru, Horseshoe Lagoon, Jerona, Mount Surround, Shirbourne, Upper Haughton and Majors Creek (Burdekin Shire).
 - Douglas Shire Council – Daintree, Upper Daintree, Lower Daintree, Degarra, Stewart Creek Valley and identified properties within the Douglas Shire.
 - Cook Shire Council - Bloomfield (including Ayton) and Rossville (including Shiptons Flat)
- A Community Recovery Hub has been **established** on the Ground Floor, State Government Building, 187 – 209 Stanley Street, Townsville and will **operate** 9am to 5pm, 7 days a week.
- Continuing to explore options with a view to establishing a further **3** Hubs.
- Yesterday, Ready Reserves and Uniting Care Queensland (Lifeline) provided information, assistance with lodging online applications and psycho-social support at the Heatley, Ignatius Park, Alligator Creek and North Shore evacuation centres. This will continue today if required. Outreach will commence when it is safe and areas are accessible.
- To date there has been **8897** applications received for emergency hardship assistance.
- A Pop-up Recovery Hub has been established in the Cook Shire Council area at the Bloomfield Library, 24 Third Street, Ayton and will **open** today during the hours of 9:00am to 2:30pm.
- The department has more than **215** staff supporting the recovery efforts along with a number of non-government partner agencies. A further **64** staff will arrive today. There are **1550** trained and approved Ready Reserves and **307** remain available for deployment this week.
- There has been **3376** calls to the Hotline to date.

Department of Education

Submitted By Dave Sheedy Date / Time 05/02/2019 06:28hrs

- School **Closures** as at 0630hrs
 - **55** State Schools
 - **29** Catholic and Independent schools
 - **139** Early Childhood Early Care Centres
- DoE are monitoring the weather system as it tracks south and will assess the impact on schools in the potentially impacted areas.

Department of Housing and Public Works

Submitted By Stacey McInnes Date / Time 04/02/2019 20:23hrs

- **22** additional HPW staff were deployed to Townsville on 04/02/19.
- BAS teams **commenced** assessments of government assets where conditions permitted, and it is safe to do so on 04/02/19.
- Housing deployed **2** outreach teams to visit all evacuation centres and highlight the availability of emergency housing assistance options.



State Update 13 for Active Monsoon FNQ as at 0800hrs on 05/02/2019

- HPW will continue to conduct telephone welfare checks with residential service groups and tenants and attend evacuation centres to increase awareness of emergency housing assistance options.
- HPW commenced a surge recruitment campaign on 04/02/19 to support the increased demand for Community Recovery Ready Reserve.
- Smart Service Queensland has continued to receive disaster related calls over night.
- The second meeting of the State Building Recovery Group is planned for this afternoon for all members to continue planning to support the local needs when the impacts are known.

Department of Justice and Attorney-General

Submitted By Tracey Nelson Date / Time 04/02/2019 17:38hrs

- Townsville courts will be **closed** today apart from hearing any in custody (arrest court) matters in the Magistrates Court. Practice Directions have been issued authorising the closures under law. Skeleton staff supported the arrest court today and a Supreme and District Court staff member updated law lists.
- Palm Island court scheduled for today and tomorrow (06/02/19) have been **cancelled**. All listed matters will be adjourned for a future date on Palm Island.
- Ingham Magistrates court will be **closed** Thursday and Friday (7 and 8 Feb).
- Townsville Dispute Resolution Branch **closed**. Brisbane office is reorganising scheduled mediations.
- Other **closures** for today include - Victim Assist Queensland, Office of the Director of Public Prosecutions, Office of the Public Guardian, Legal Aid Queensland and Liquor, Gaming and Fair Trading offices in Townsville.
- Some Cairns court matters have been **rescheduled** as Magistrate was unable to travel due to Townsville airport closure.
- Some defendants expected to be unable to attend Mareeba court due to flooding.
- The Gulf circuit court to Normanton, Doomadgee, Mornington Island and Burketown is **proceeding** as planned.

Environmental Summary

Department of Natural Resources, Mines and Energy

Submitted By Danielle Mahl Date / Time 05/02/2019 06:25hrs

- No issues reported with DNRME owned dams in the affected areas, monitoring and reporting continues through local and district disaster groups.
- **Copperfield Gorge Dam** EAP remains at **Lean Forward**. Latest data suggests that a peak has occurred and dam water levels are slowly receding.
- **Corella Dam** EAP is at **Lean Forward**, with reservoir levels remaining steady.
- Copperfield Gorge Dam and Corella Dam remain **closed** to public access.
- **Crooks Dam** is spilling minor flows.
- **Mt Carlton Gold Mine**, 100km west of Bowen, open pit and mill have been **shut down** due to heavy rainfall, plans are in place to assist in the transport of workers remaining onsite. Ground monitoring to continue from the lookout, prisms and the radar.
- **Capricorn Copper mine** site, 125km north of Mt Isa, has been **shut down** with the exception of safety, environmental an asset protection functions, due to heavy rainfall. Emergency Response Team has been mobilised and is on standby as require.
- No issues reported with DNRME abandoned mines sites (issues with tailings dams are reported to DES) in the affected areas. Access to some sites is **limited** until safe.
- No issues reported with DNRME Water Monitoring Information Systems - remain operational.

State Update 13 for Active Monsoon FNQ as at 0800hrs on 05/02/2019

- No new drinking water incidents reported, number remains at 6. These are being proactively managed, with DNRME and Queensland Health working closely with the local councils to provide solutions.
- Power generation remains online and Capacity, Demand and Reserve levels are well placed.
- No impacts to fuel terminals in the Townsville region.

Sunwater

Submitted By Michael Hughes Date / Time 05/02/2019 06:36hrs

- Emergency Action Plans **active** for **7** dams – Burdekin Falls, Eungella, Julius, Kinchant, Ross River, Teemburra and Tinaroo Falls.
- Significant forecast rainfall over **4 dam catchments** near **Mackay** in the next 48 hours – Eungella (328mm), Kinchant (442mm), Teemburra (491.5mm) and Peter Faust (281m).
- Operational releases from Kinchant Dam into the outlet channel continues at a rate of 100 per cent valve opening (or 20m³/s) - monitoring ongoing ahead of significant forecast rainfall in the dam catchment.
- Burdekin Falls Dam **rising** at 176% capacity and 4.75m above the spillway as at 0600hrs 05/02/19.
- Tinaroo Falls Dam **rising slightly** at 102.8% capacity and 0.35m above the spillway at 0600hrs 05/02/19.
- **Ross River Dam: Automatic gate operations recommenced** at 2100hrs 04/02/19 - gates open to 3.25m, current level is **41.91m** (838m³/s outflow).

Other Agencies Summary

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Approval

- Prepared** Senior Sergeant Tonya Graham – Operations.
- Endorsed** Inspector Paul Fogg – Operations Coordinator.
- Approved** Superintendent Shane Holmes – Commander.

- Next Report** The next State Update will be issued at 1600hrs on 05/02/2019.

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Severe Weather Briefing

Tuesday, 5th February 2019 – PM Update





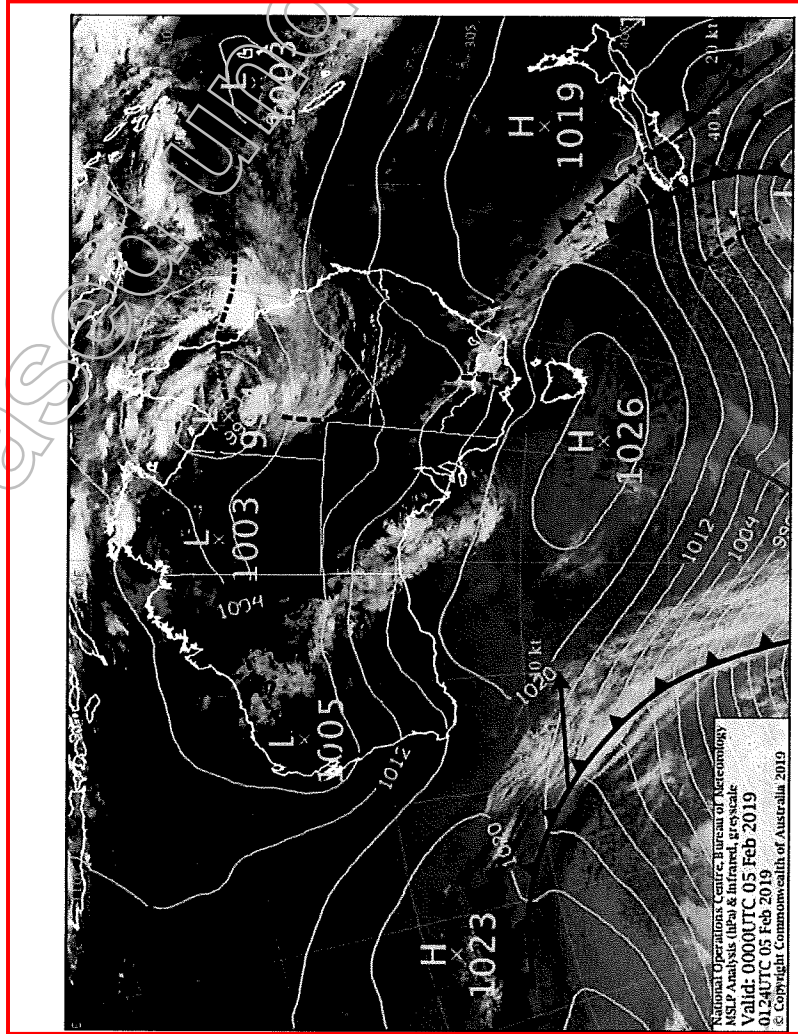
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Current situation - Satellite



2

- Showers and thunderstorms about an active monsoon trough and embedded tropical low.
- At 2:15pm, thunderstorms are current near Ingham, Hervey Range and south of Georgetown.
- The monsoon trough position is expected to be slow-moving until at least Friday.



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Recent conditions – Rainfall

Highest rainfall totals in the 7 days to 9am

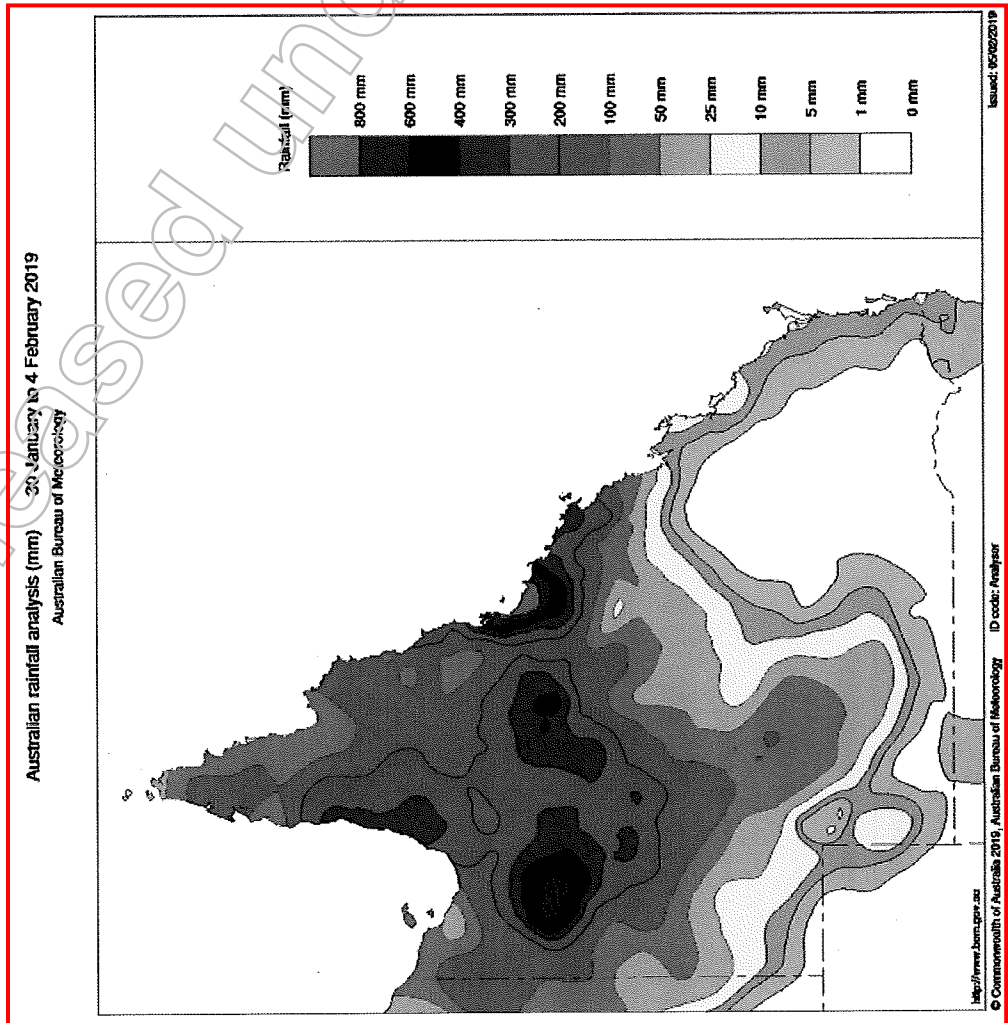
AEST Tuesday:

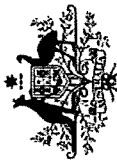
- 1852mm at Upper Bluewater
- 1758mm at Paluma
- 1669mm at Woolshed (Hervey Range)

Townsville:

Townsville recorded 1158mm in the 7 days to 9am Monday (1115mm in the 7 days to 9am Tuesday). Previous record was 886.2mm (1998).

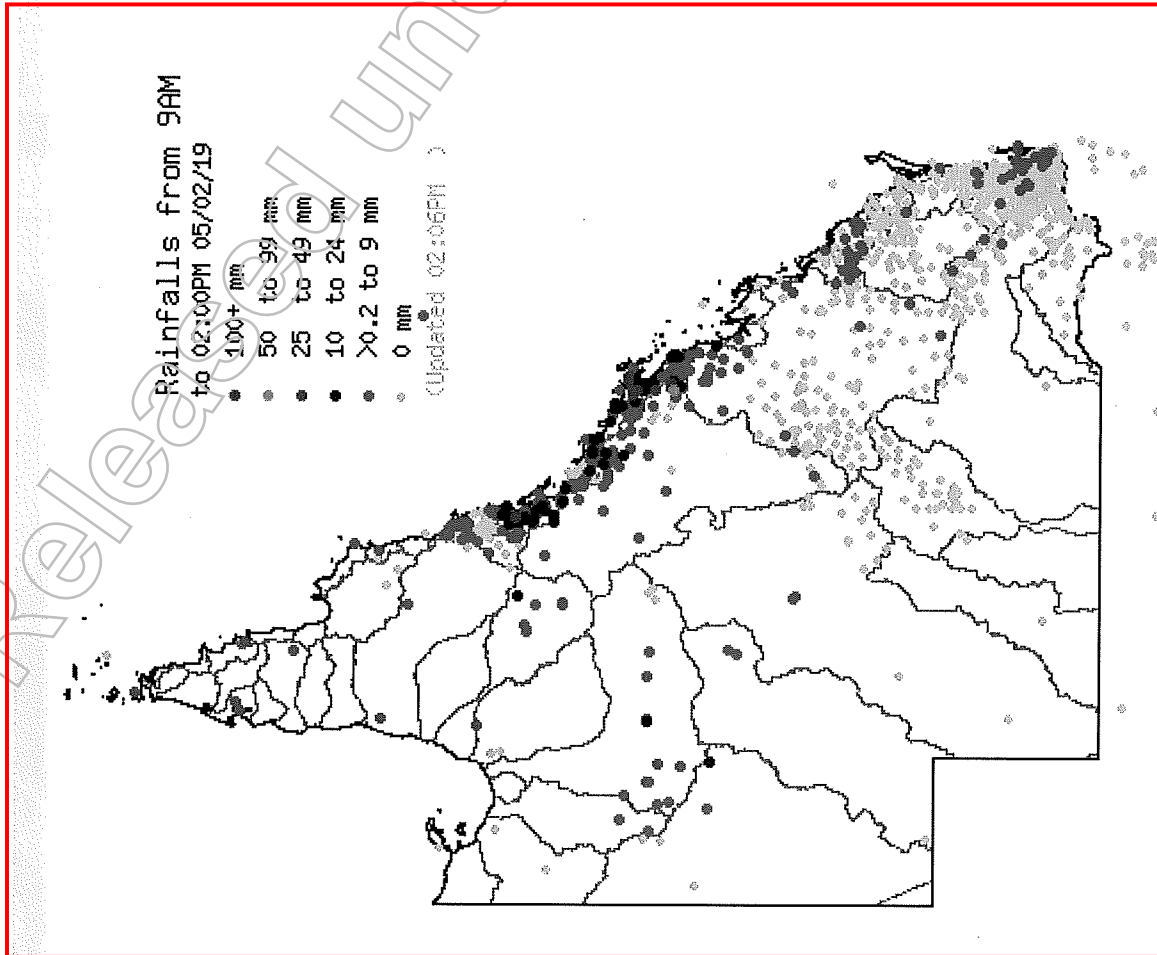
The Townsville annual average rainfall is 1128mm.





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Recent conditions – Rainfall 9am to 2pm Tuesday



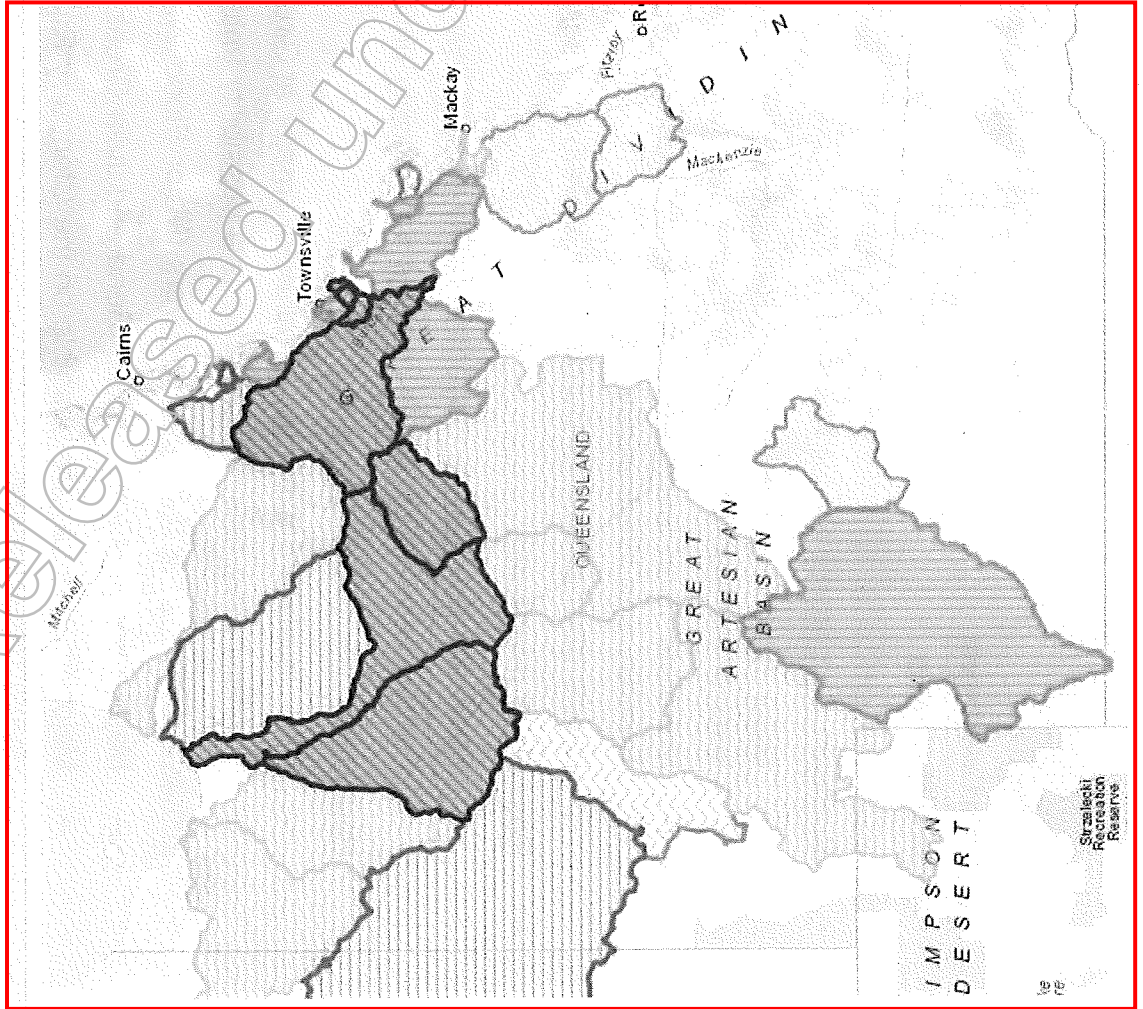
9am to 2pm Tuesday:

- 50mm at Eungella, 38mm at Clarke Range (Pioneer)
- 28mm at Sandy Plateau (Burdekin)
- 20mm near Ingham
- 11mm at Julia Creek



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Current Flood Warnings (as of 2pm Tuesday)



- Major flood levels current for the Upper Burdekin, Haughton, Flinders, Leichardt Rivers and parts of the Diamantina. Major flood warning for Cloncurry, also.
- Moderate flood warning for Ross, Bohle and Black Rivers, Herbert, Lower Burdekin, Don and Isaac Rivers.
- Minor flood warnings for the Isaac River, Norman, Georgina, and Murray Rivers.
- Flood warning for the Pioneer, Diamantina, Proserpine, Thomson and Barcoo (and Cooper Creek), Nicholson, Gregory and Gilbert and Tully Rivers.



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Flood Warnings Continued

6

- Burdekin Catchment (Major Current)
 - Major flood levels are rising at Sellheim in the upper Burdekin River where river levels will remain above the level of the Macrossan Bridge for the next few days.
 - Moderate flood levels are expected on the lower Burdekin River between Dalbeg and Inkerman Bridge during Tuesday and Wednesday.
 - Levels downstream of Burdekin Falls Dam are likely to be higher than the 2012 flood.
- Ross River (Moderate)
 - Moderate flood levels currently, slowly easing downstream of the dam. Aplin Weir is currently ~2.06m.
 - Further heavy falls, which remains a possibility until at least Friday, could cause renewed rises.
- Haughton River (Major Current)
 - River levels are expected to fall below major at Giru during Tuesday evening.
 - Further heavy falls, which remains a possibility until at least Friday, could cause renewed rises.
- Flinders, Leichardt and Cloncurry Rivers (Major Flood Warnings)
 - Major flood levels at Walkers Bend and Julia Creek.
 - Major flood levels are possible on the Cloncurry River at Cloncurry and upper Flinders River at Richmond with further heavy rainfall.
 - Heavy rainfall (70-120mm+) remains a possibility until at least Friday.
- Pioneer (Initial Flood Warning)
 - Heavy rainfall expected from today across the catchment. River level rises are expected.

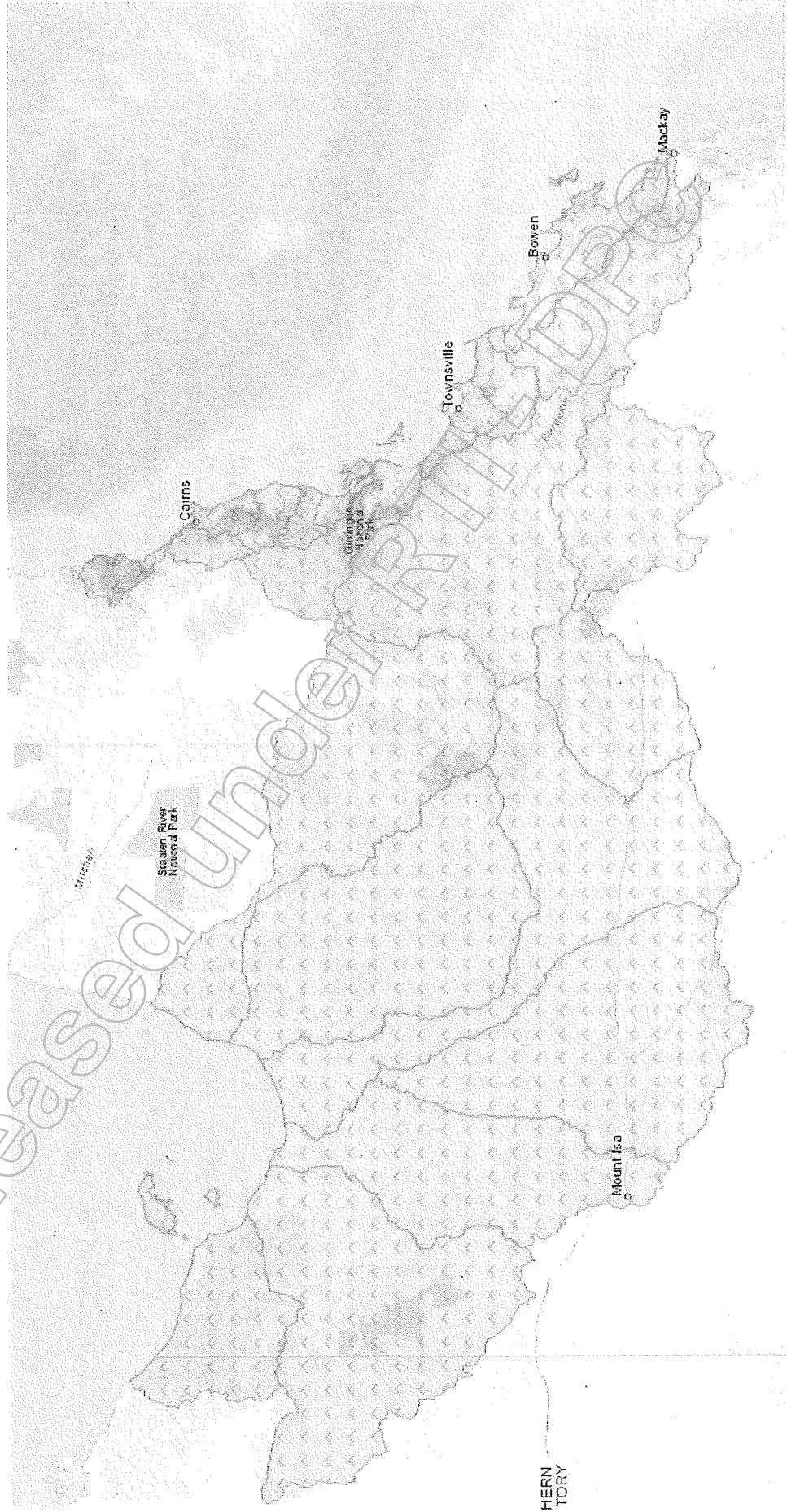


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Current Flood Watch (as of 2pm Tuesday)



7

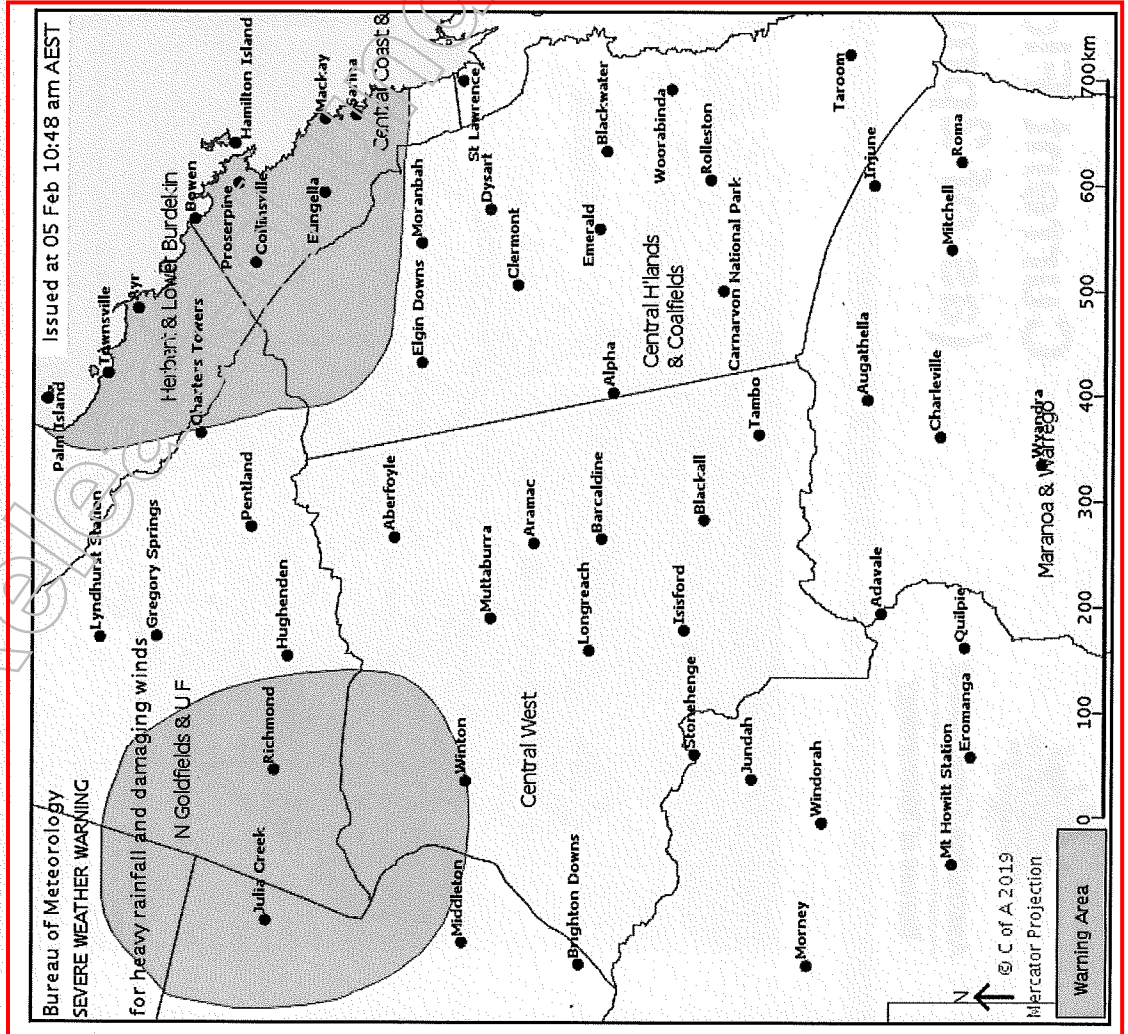


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Severe Weather Warning 1 (as of 11am Tuesday)



Coastal areas + ranges between Ingham and Sarina:

- Heavy rainfall and damaging winds.
- 150mm to 200mm is likely with areas of intense rainfall with totals up to 300mm possible, particularly with bands of thunderstorms.

Heavy rainfall is most likely in areas south of Ayr, however the threat of severe thunderstorms with heavy, potentially intense rainfall remains a risk for areas to the north including the Townsville area.

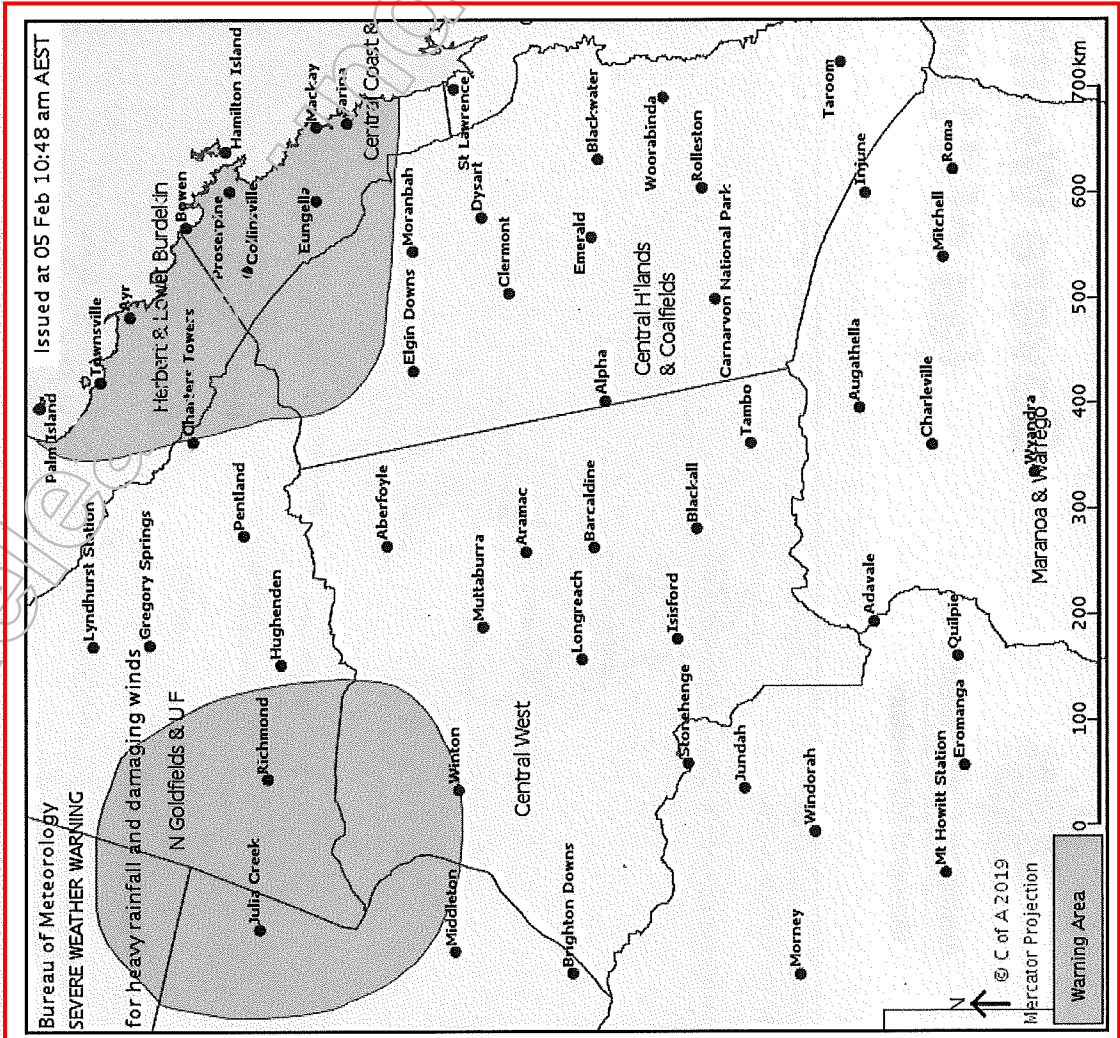
- **Flash flooding and landslides are a significant risk.**
- From the weekend, rainfall may begin to ease/move away.



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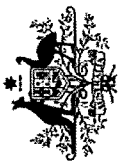
Severe Weather Warning 1 (as of 11am Tuesday)



NW Interior:

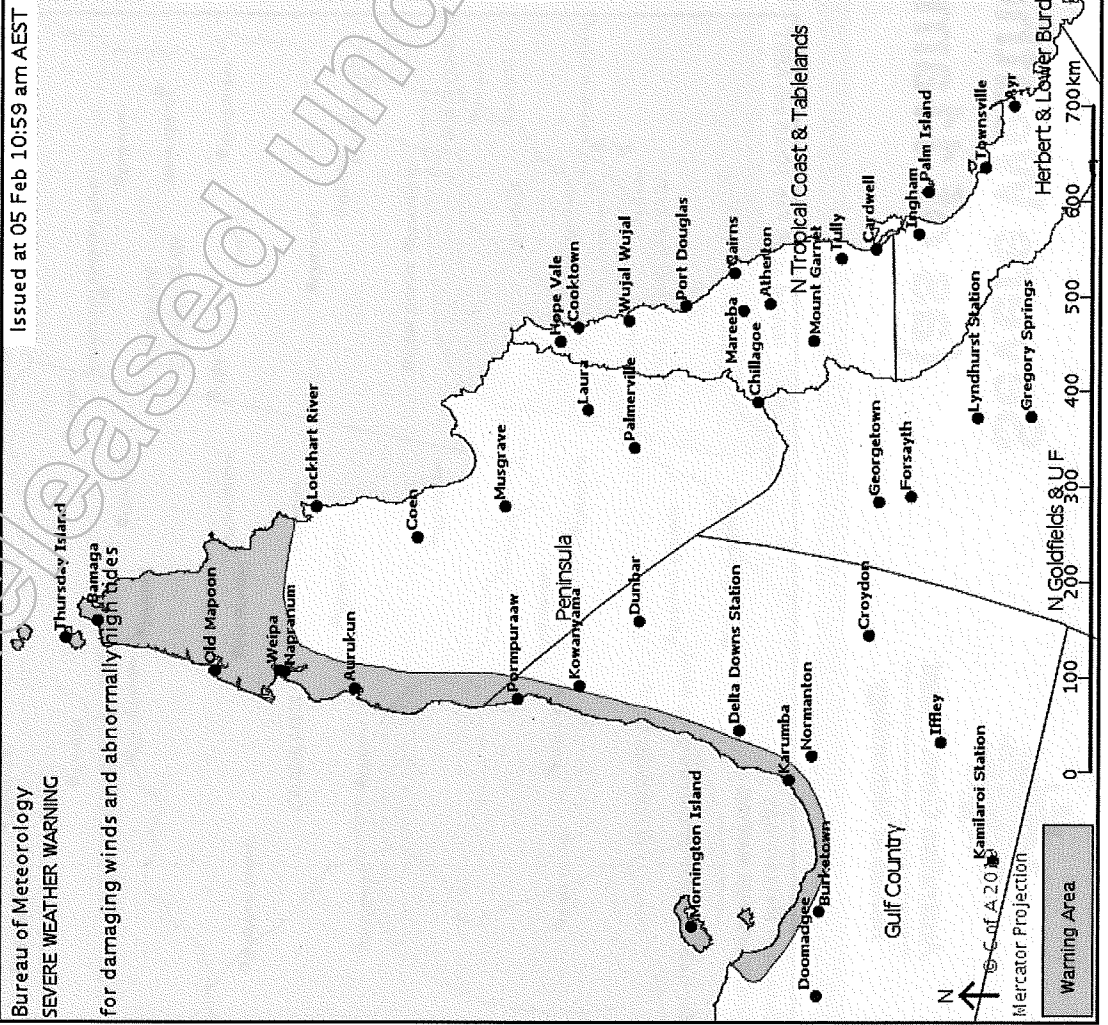
- Heavy rainfall is likely to occur again in some areas this afternoon/evening and overnight into tomorrow.
- 70mm to 140mm is possible in 6-hourly periods.

Flash flooding is a risk, as well as further river rises.



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Severe Weather Warning 2 (as of 11am Tuesday)



- Abnormally high tides are forecast around the Gulf of Carpentaria coast, including the Torres Strait Islands.
- Water levels above HAT are possible around the time of high tide, exacerbated by large waves through parts of the northern Gulf and Torres Strait.
- Monsoonal squalls with damaging wind gusts up to 90km/hr also possible north of Weipa, particularly with thunderstorms.
- A 95 km/h wind gust was recorded at Horn Island at 9am.

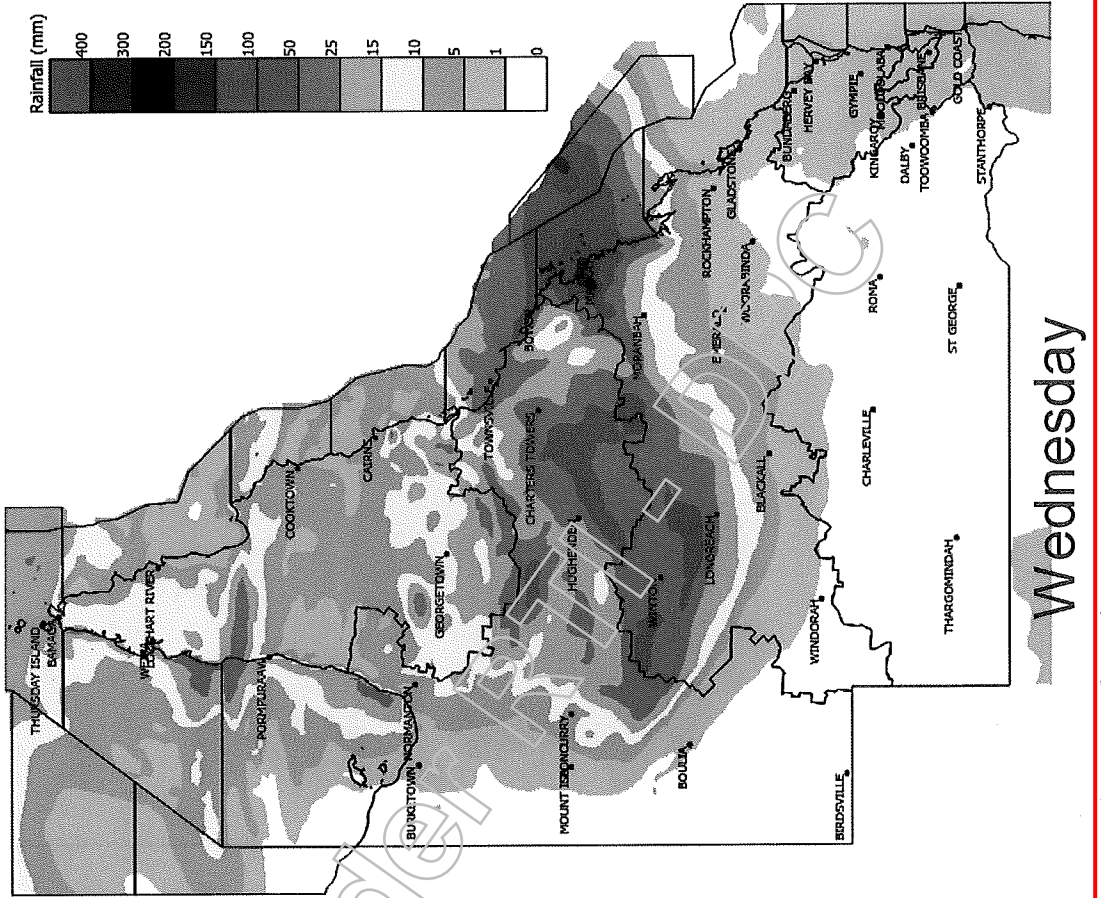
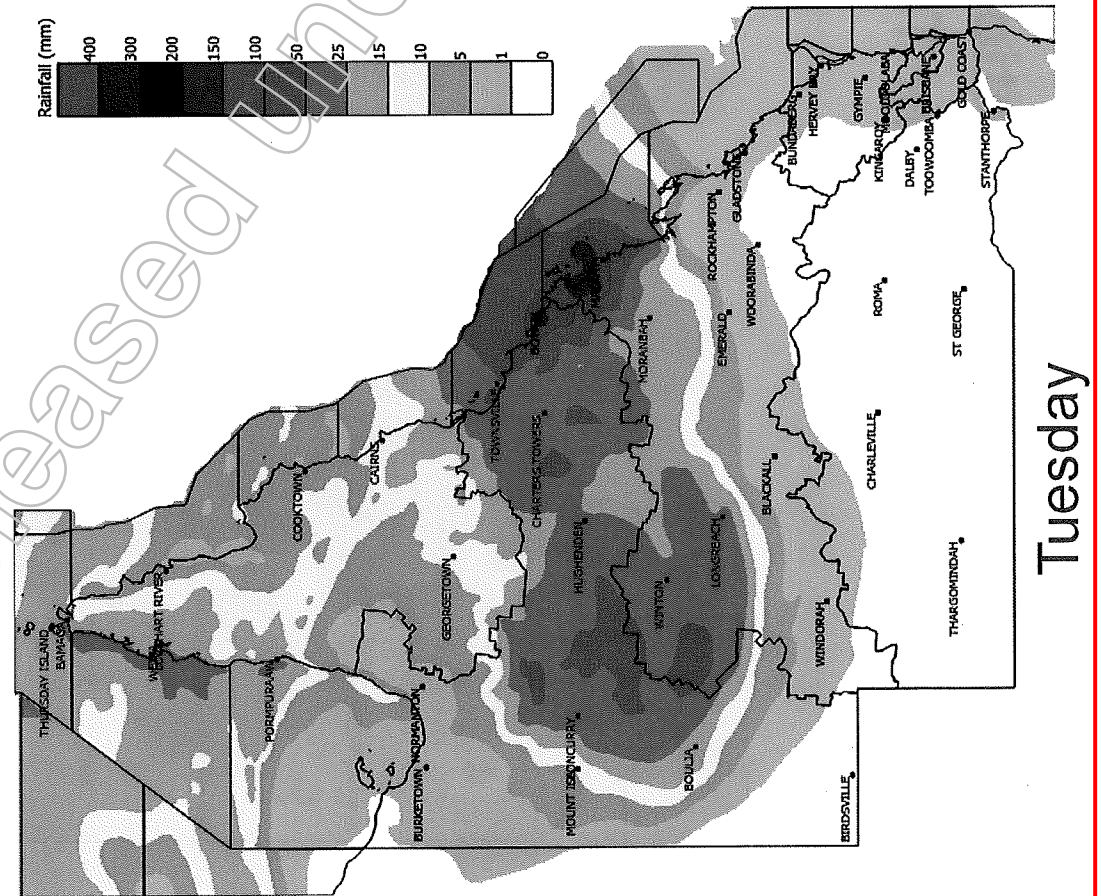


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Forecast conditions – Rainfall (as of 2pm Tuesday)

11



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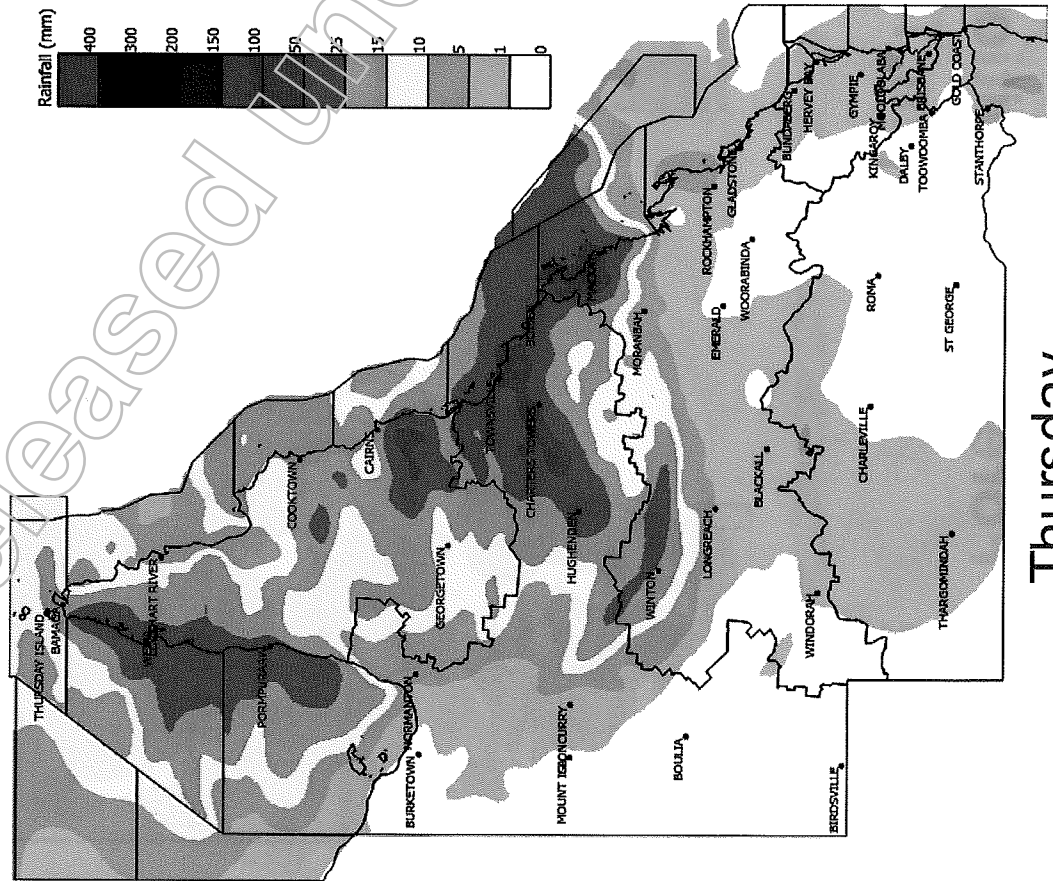


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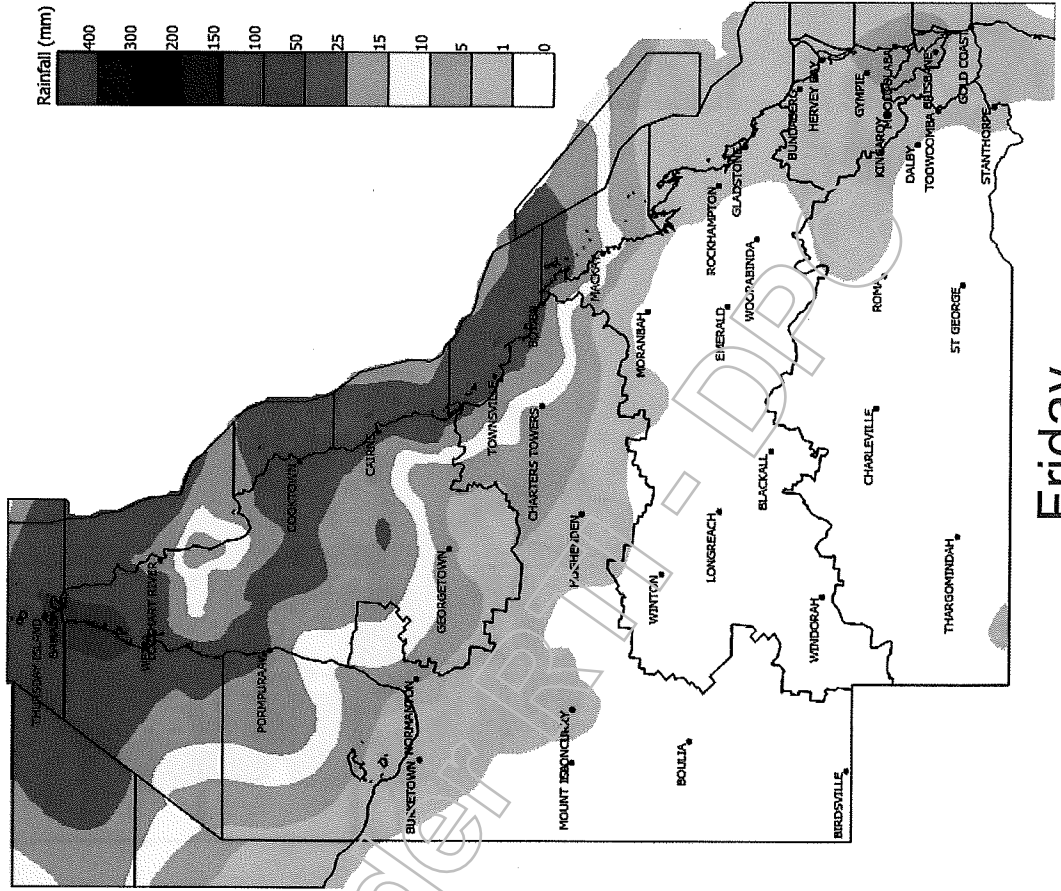
Forecast conditions – Rainfall (as of 2pm Tuesday)



12



Thursday



Friday

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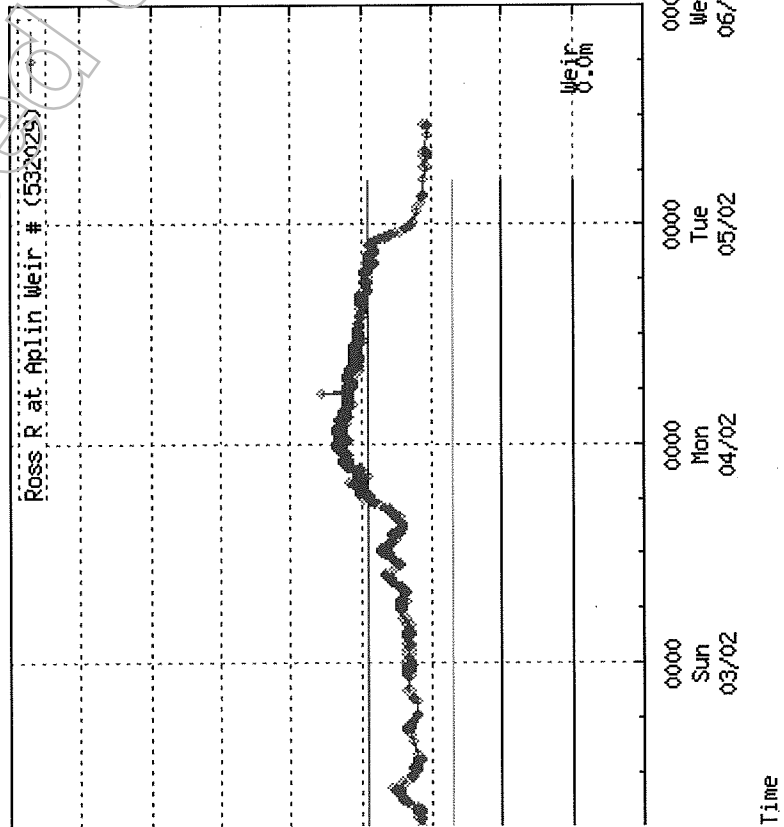


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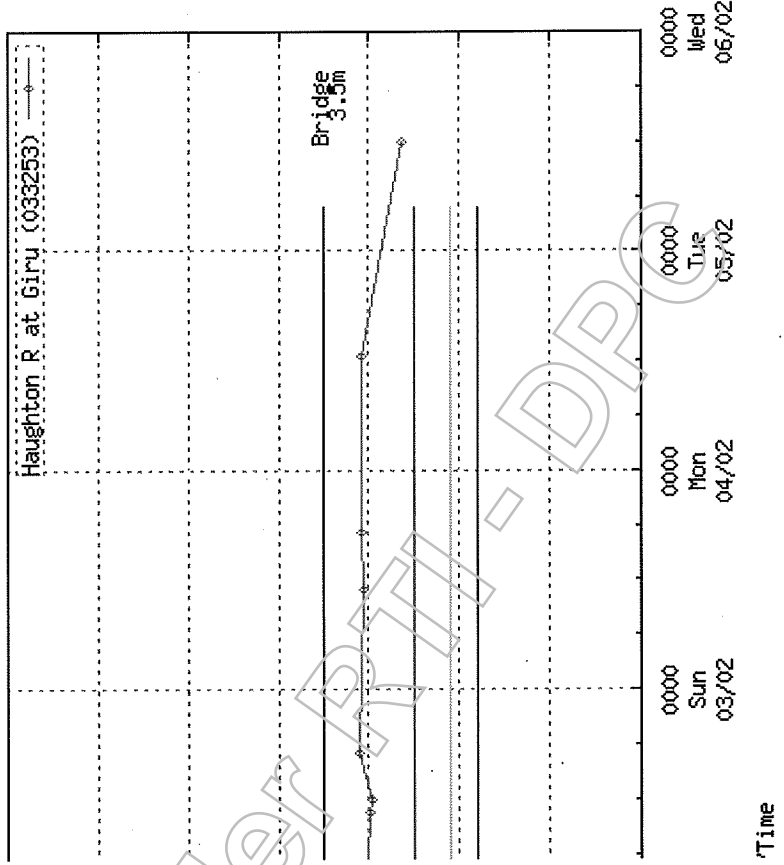


Current Scenario – River Heights (as of 1:40pm Tuesday)

13



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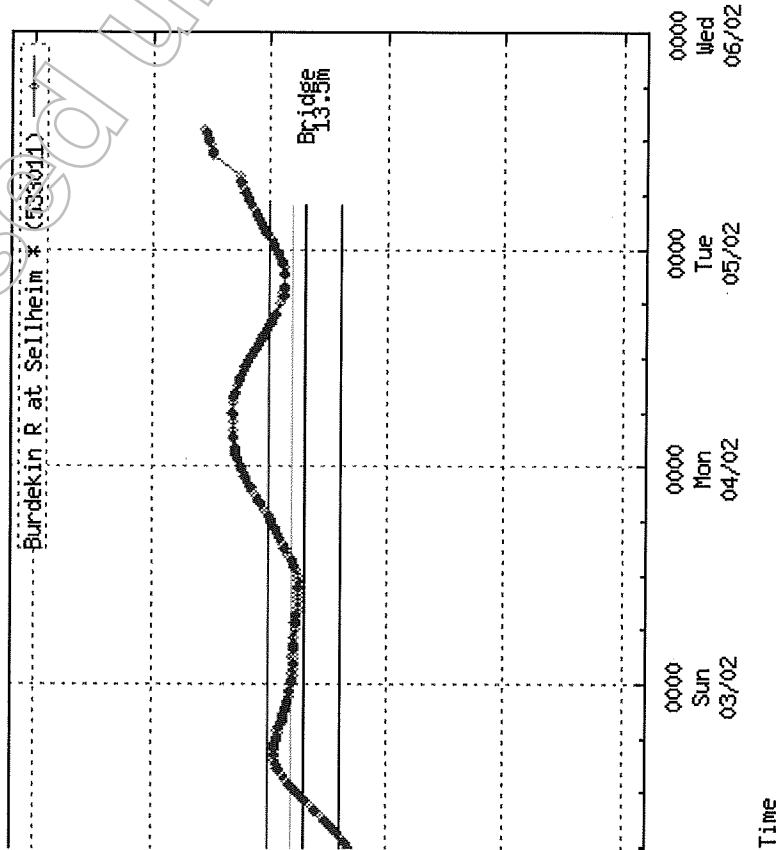


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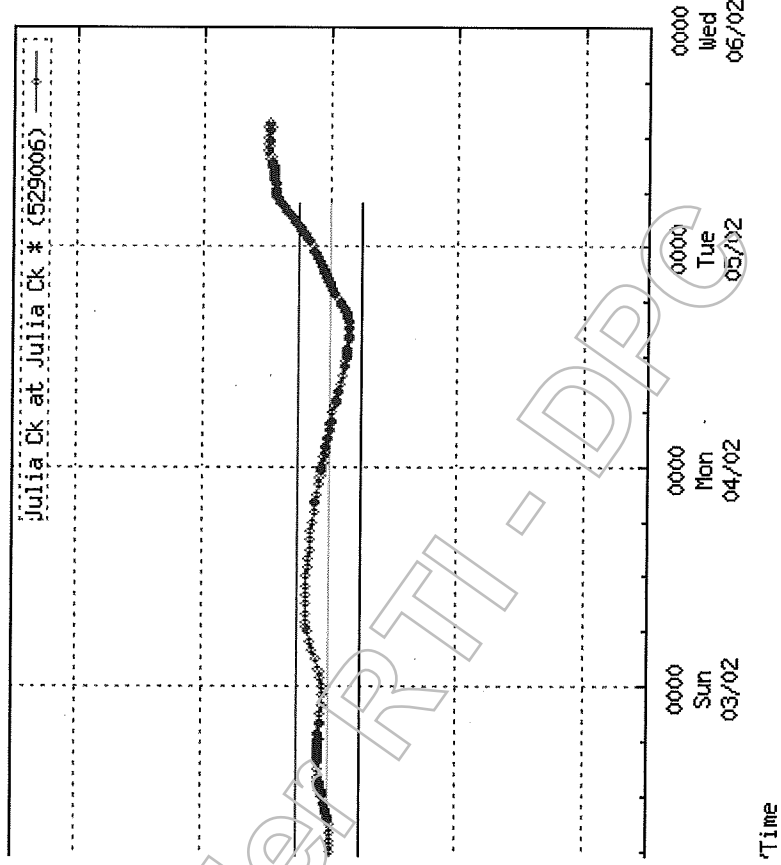


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Current Scenario – River Heights (as of 1:40pm Tuesday)



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Current Scenario – Aplin Weir

Forecast Scenario as @ 930 hours Tuesday 05/02/2019

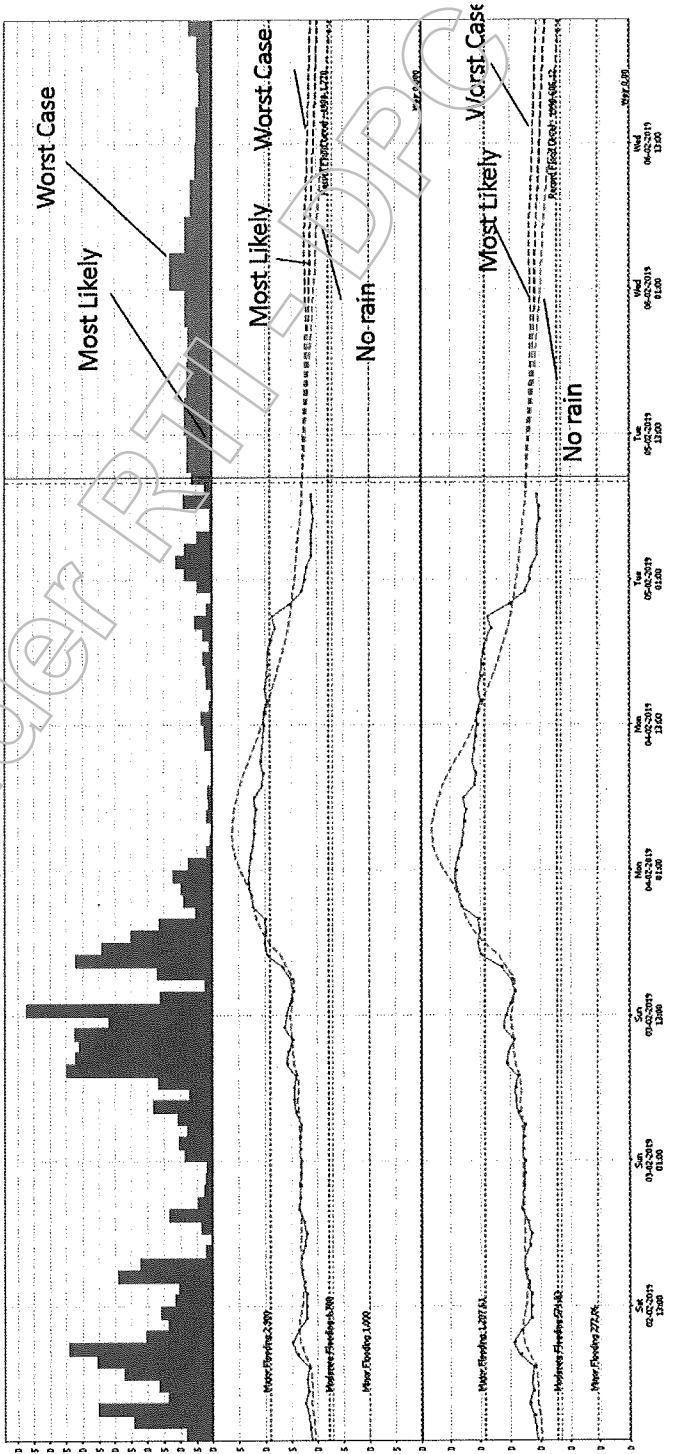
Most likely scenario: 25% probability scenario from latest forecasts available in MetEye.

No further rain: If rainfall ceases immediately. As the day progresses, if we do not see rainfall in the catchment, levels closer to this scenario will become increasingly likely.

Worst Case: This is a scaled up version of the most likely, showing that some falls may occur slower if rainfall is somewhat heavier than expected. NB: Modelled peak modelled flows at Aplin Weir matched well with the outflow from the Ross River Dam late Sunday. Attenuation and breakouts of flow between Ross River Dam and Aplin Weir, as well as manual dam operations account for the difference in recorded and modelled flows and this is currently being investigated by Townsville City Council.

The recession is likely to occur slower than modelled, due to model factors including rating curves, dam releases and model parameters being calibrated for the rising limb.

URBS: Aplin Weir - H532029 (SubCatch: Ross R)



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Key messages

- **Major flood levels current for the Upper Burdekin, Haughton, Flinders (at Walkers Bend and Julia Creek), Leichardt Rivers and parts of the Diamantina.**
Major flood warning for Cloncurry, also.
- Moderate flood warning for Ross, Bohle and Black Rivers, Herbert, Lower Burdekin, Don and Isaac Rivers. Further flood warnings and flood watch also current. See www.bom.gov.au/qld/warnings/ for latest.
- Heavy rainfall is most likely in areas south of Ayr, however the threat of severe thunderstorms with heavy, potentially intense rainfall remains a risk for areas to the north including the Townsville area.
- Across the northwest interior, heavy falls remain a possibility until at least Friday.
- The monsoon trough position, and area of heaviest rainfall, remains highly uncertain over the next few days. Stay up to date at www.bom.gov.au/qld/warnings/.
- Abnormally high tides and damaging wind gusts are possible around the Gulf Country, Peninsula and Torres Strait Islands for the next few days.
- **Flash flooding and landslides remain a significant risk.**

State Update

Event	Active Monsoon Far North Queensland		
State Update No.	14	Report ID	R13290221
Report From	0800hrs on 05/02/2019	Report To	1600hrs on 05/02/2019
Distribution	QDMC, SDCG, affected DDMGs and LDMGs		

Weather

Overview

- The monsoon trough extends from the Gulf Country across the base of Cape York Peninsula to the east tropical coast near Townsville and should remain stationary or drift slowly to the south over the next day or two.
- A deep tropical low that lies on the monsoon trough over northwest Queensland is slow moving to the east and will continue to move in an easterly direction during the next few days.
- **Very heavy** falls with **possible local flash flooding** are likely to continue about parts of the coast and adjacent inland between about Cardwell and Mackay.
- Showers, rain areas and thunderstorms with **locally heavy** falls are expected elsewhere for areas north of about Boulia to Mackay.
- Risk of **tidal inundation** around the Gulf Coast.
- Risk of **damaging monsoonal squalls** possible about northern Cape York Peninsula and the Torres Strait Islands.

Hydrology

- **Flood watch** for coastal catchments from Daintree to Mackay and Gulf of Carpentaria catchments.
- Widespread **moderate** to **major** flooding is expected in the flood watch area over the next few days.
- Areas between Bowen and Mackay are expected to be the focus for the heaviest rainfall in the next couple of days.

Warnings

- **Major** flood warning – Flinders River, Cloncurry River, Leichhardt River, Haughton River and Upper Burdekin River.
- **Moderate** flood warning – Bohle River, Black River, Don River, Herbert River, Isaac River catchment, Lower Burdekin River (below Burdekin Falls dam), Ross River, Thomson River, Barcoo River and Cooper Creek.
- **Minor** flood warning – Norman River, Georgina River and Murray River.
- **Flood** warning – Nicholson River, Gregory River, Gilbert River, Proserpine River and Diamantina River.
- **Initial Minor** flood warning – Pioneer River.
- **Severe Weather** warning current for damaging winds and abnormally high tides in parts of the Peninsula and Gulf Country forecast districts.
- **Severe Weather** warning for heavy rainfall and damaging, locally destructive winds for Herbert and Lower Burdekin, Central Coast and Whitsundays and parts of Gulf



State Update 14 for Active Monsoon FNQ as at 1600hrs on 05/02/2019

Country, North Tropical Coast and Tablelands, Northern Goldfields and Upper Flinders, North West, Central Highlands and Coalfields and Central West Forecast Districts.

- **Marine Wind** warning current for:
Tuesday 05/02/19 - **Gale** warning for North East Gulf of Carpentaria and **Strong Wind** warning for South East Gulf of Carpentaria, Torres Strait, Peninsula Coast, Townsville Coast and Mackay Coast.

Wednesday 06/02/19 – **Strong Wind** warning for North East Gulf of Carpentaria, Torres Strait, Peninsula Coast, Townsville Coast, Mackay Coast and Capricornia Coast.

Overview

Emergency Alert campaigns issued

- 2 Campaign has been issued since 0800hours 05/02/2019
 - **Major Flood Warning** for Charters Towers LDMG for Burdekin River expected to peak at 19m.
 - **1 Boil Water Advice** for Palm Island LDMG recommending residents boil water for drinking.

Current Status of Activations

State Activations SDCC – STAND UP

	DDMGs	LDMGs
Stand Up	Townsville	Burdekin, Charters Towers, Cloncurry, Flinders, McKinlay, Richmond, Townsville
Lean Forward	Mount Isa	Carpentaria, Etheridge, Hinchinbrook, Mount Isa, Palm Island, Wujal Wujal
Alert	Far North, Innisfail, Mackay	Aurukun, Cairns, Cassowary Coast, Cook, Douglas, Hope Vale, Mareeba, Mornington, Napranum, Northern Peninsula, Torres Strait, Weipa, Whitsunday, Yarrabah
Stand Down		

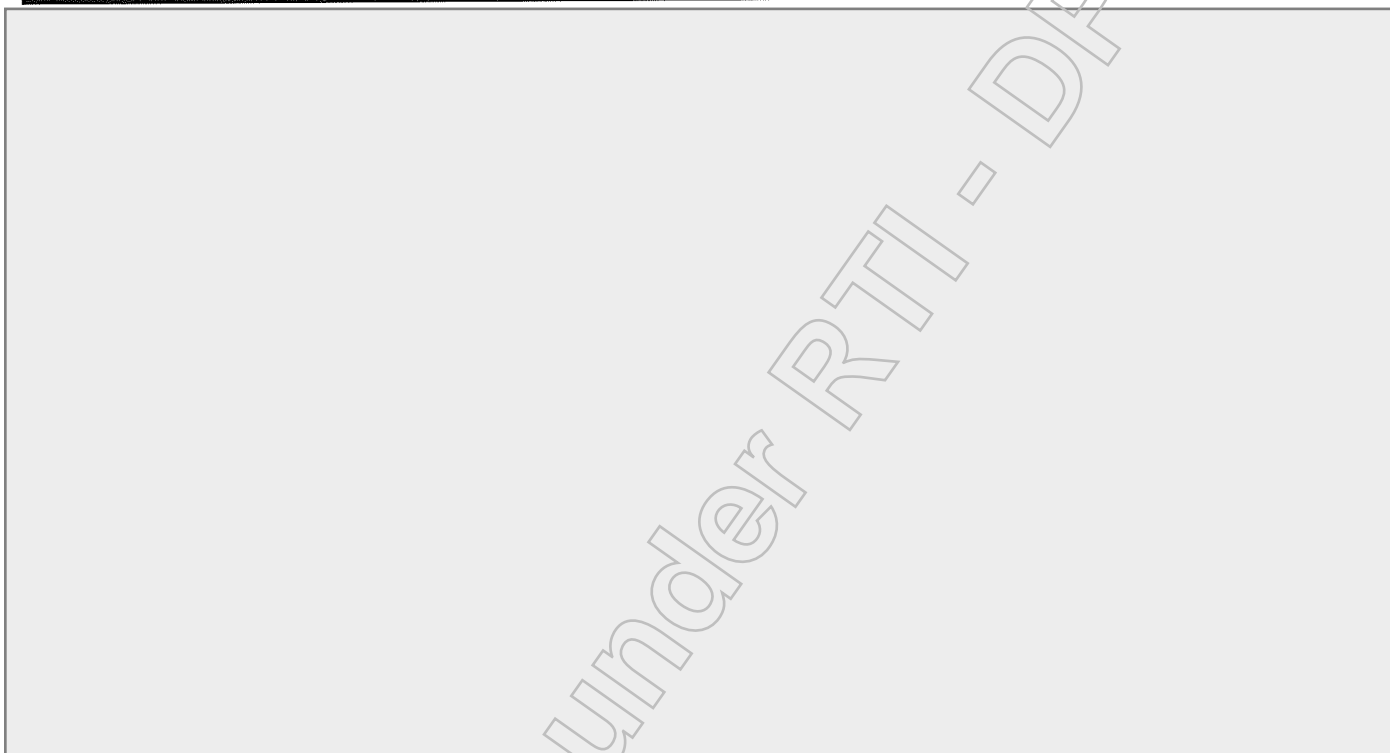
Disaster Declarations

DDMG	Declared	Expiration	Ended	Extension
Townsville	1745hrs on 31/01/2019	1745hrs on 14/02/2019		

People

Deaths	See QPS update.
Missing Persons	Nil reported.
Searches	Nil reported.

Evacuation Centres / Places of Refuge



Community Safety Summary

Queensland Police Service

Submitted By Supt Brian Connors Date / Time 05/02/2019 15:00hrs

- An additional 56 QPS members have departed for Townsville this afternoon via charter aircraft.
- This deployment includes general duties and specialist police.
- As at 1500hrs, 114 officers have been deployed to assist the Northern Region regarding this event.
- A high profile policing presence is being maintained in and around impacted areas to ensure the safety and security of the community.
- Police have taken enforcement action and arrested a male person at the Ignatius Park Evacuation Centre, Townsville for a public nuisance offence and additional inquiries are being undertaken.
- Police have located the bodies of 2 male persons, deceased in flood waters in Townsville. Circumstances surrounding the deceased are subject of police investigations.

Queensland Fire and Emergency Services

Submitted By Janet Richardson Date / Time 05/02/2019 14:44hrs

- Between 0600hrs and 1400hrs today, Swiftwater Floodwater Rescue (SFR) firefighters in the Townsville area have **rescued 2** people and assisted in **relocating 2** people to a safe place.
- SES has received more than **130** requests for assistance in the last 24 hours to 2pm today, with most in the Townsville area for flood assistance.
- More than **150** personnel have been deployed from around the state to support operations in north Queensland. There are currently **40** SFR firefighters in the field who are being tasked to priority areas including rescue and damage assessments.
- Damage assessment activities are steadily resuming as the conditions become safer. QFES will be in a position to report on these assessments from tomorrow.
- QFES is undertaking strategic planning to support the recovery phase and preparations are underway to ensure we have crews ready for washouts, clean-ups and all the other work that contributes to a strong recovery.
- An additional **40 SES** volunteers will deploy in the coming days, with further deployments likely.
- The Townsville Mayor has requested QFES to coordinate critical infrastructure checks with council staff.
- QFES representatives are embedded in the LDCC to ensure a coordinated recovery approach with the LDMG..

Queensland Ambulance Service

Submitted By Monica Farrow Date / Time 05/02/2019 14:18hrs

- **49** officers have been deployed supporting the Townsville and North West Local Ambulance Service Networks.
- **8** supervisors and paramedics will deploy to support the Townsville Local Ambulance Coordination Centre (LACC) this evening.
- Demobilisation plans are being prepared for the first deployments
- Deployment team of **10** paramedics and **2** clinical deployment supervisors will replace already deployed team tomorrow.
- The SIMR continues to monitor the current weather event and coordinating all state deployments.

Health Summary

Queensland Health

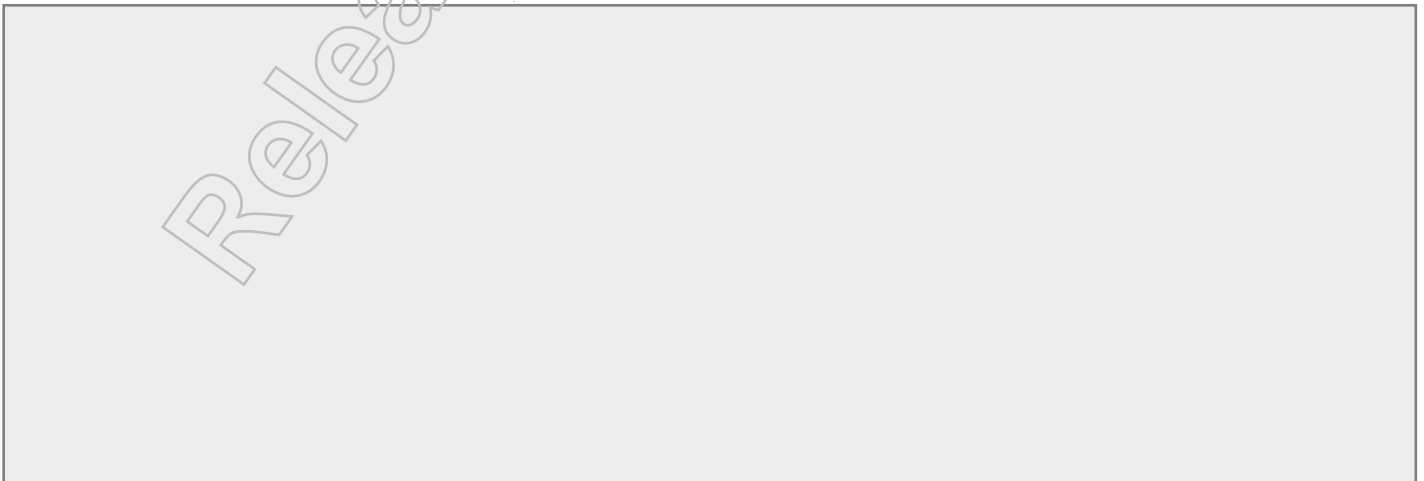
Submitted By Brenda Patane Date / Time 05/02/2019 14:18hrs

- SHECC remains at **Stand Up**.
- Townsville HHS at **Stand Up**, Cairns and Hinterland HHS at **Lean Forward**, Torres and Cape HHS at **Alert**.
- Retrieval Services Queensland are working business as usual and continue to monitor the situation. Sufficient resources available. 6 event-related patients moved today (as at 1300hrs).
- McKinlay Shire MPHS continues to have no landline phones.
- No new drinking water incidents reported.
- QH staff are attending Building Recovery and Human Social Recovery groups.

Power and Water Summary



Transport Summary



Released under RTI - DPC





Communications and Information Technology Summary



Released under RTI - DPIC



Human / Social Summary

Department of Child Safety, Youth and Women

Submitted By Thomas Allsop Date / Time 05/02/2019 14:20hrs

- The department is closely monitoring the event as it unfolds and has processes in place to ensure the ongoing safety of vulnerable clients.

Department of Communities, Disability Services and Seniors

Submitted By James Parker Date / Time 05/02/2019 14:19hrs

- DRFA financial assistance measures are now **activated** for the following locations:
 - Townsville City Council LGA
 - Wujal Wujal Aboriginal Shire Council LGA
 - Burdekin Shire Council – Barratta, Cromarty, Giru, Horseshoe Lagoon, Jerona, Mount Surround, Shirbourne, Upper Haughton and Majors Creek (Burdekin Shire).
 - Douglas Shire Council – Daintree, Upper Daintree, Lower Daintree, Degarra, Stewart Creek Valley and identified properties within the Douglas Shire.
 - Cook Shire Council - Bloomfield (including Ayton) and Rossville (including Shiptons Flat)
 - Charters Towers Regional Council – Hervey Range
 - Palm Island Aboriginal Shire Council LGA
- Ready Reserves and Uniting Care Queensland (Lifeline) continue to provide information, assistance with lodging online applications and psycho-social support at the Heatley, Ignatius Park, Alligator Creek and North Shore evacuation centres today. Outreach will commence when it is safe and areas are accessible.
- As at 1400hrs - **11,043** applications have been received for emergency hardship assistance.
- The department has more than **229** staff supporting the recovery efforts along with a number of non-government partner agencies. A further **61** staff will arrive today. There are **1544** trained and approved Ready Reserves and **338** remain available for deployment this week.
- There has been **4572** calls to the Hotline to date.

Department of Education

Submitted By Dave Sheedy Date / Time 05/02/2019 14:17hrs

- School Closures as at 1400hrs
 - 56** State Schools
 - 29** Catholic and Independent schools
 - 140** Early Childhood Early Care Centres
- DoE are monitoring the weather system as it tracks south and will assess the impact on schools in the potentially impacted areas.
- DoE and DHPW (BAS) have developed a Rapid Damage Assessment (RDA) program. This program informs the Rectification and Reinstatement program. The program of work has **commenced** with a focus on assessing schools outside the Townsville area that were also closed as a result of weather conditions.

Department of Housing and Public Works

Submitted By Kaelene Clarke Date / Time 05/02/2019 14:41hrs

- BAS teams are progressing assessments of government assets where conditions permit and it is safe to do so.

State Update 14 for Active Monsoon FNQ as at 1600hrs on 05/02/2019

- HPW are assisting Department of Communities, Disability Services and Seniors to identify additional locations for Recovery Hubs for their consideration in Townsville.
- Housing will deploy outreach teams to visit all evacuation centres and Community Recovery Hub highlighting the availability of emergency housing assistance options.
- QSS continues to support the payment of Personal Hardship Grants on behalf of Community Recovery with **3 payment runs** each day.
- Smart Service Queensland continues to receive disaster related calls and have additional shifts and agency temp staff to support the call demand.
- Get Started Vouchers open on tomorrow 06/02/19 and HPW will guarantee enough Get Started Vouchers will be available for applicants in flood affected areas.
- The Building Recovery Group (BRG) continues to meet. All members have updated their fact sheets and available information about rebuilding after a flood. Planning has begun to coordinate support.
- The initial focus of the BRG will be to ensure key messaging around the clean-up and initial repair of buildings including electrical safety, suicide leads, solar installations, local industry engagement for repairs and sewer/water safety.

Environmental Summary

Department of Environment and Science

Submitted By Brydn McDonnell Date / Time 05/02/2019 14:17hrs

- All Townsville offices have **opened** today. Whilst business continuity and essential services continue to be maintained through other regional offices, a local response capacity is available.
- A small local response team is available in Townsville to relocate high risk animals (crocodiles) if required and it is safe to do so.
- A number of national parks in the affected areas have been **closed** or **partially closed**. Park alerts are in place that detail all closures and relevant visitor information online.
- Minor damage to national park infrastructure has been reported around Townsville, Mossman and Daintree areas.

Department of Natural Resources, Mines and Energy

Submitted By Nina Poiaschek Date / Time 05/02/2019 14:17hrs

- DNRME offices in Townsville continue to be **closed** due to severe weather and flooding.
- No issues reported with DNRME owned dams. Monitoring and reporting continues through local and district disaster groups.
- **Copperfield Gorge Dam** and **Corella Dam**) continue to spill with EAPs at **Lean Forward** - both remain **closed** to public access.
- **Crooks Dam** is **spilling** – no concerns.
- **Mt Carlton Gold mine** site (100km west of Bowen) shut down due to heavy rainfall, plans are in place to assist the transport of workers remaining onsite. Monitoring continuing from safe vantage points.
- **Capricorn Copper mine** site (125km north of Mt Isa) **shut down** with the exception of safety, environmental and asset protection functions, due to heavy rainfall. Emergency Response Team mobilised and on standby as required.
- Abandoned mine site at Collingwood Tin site (35km south of Cooktown), recent site works expected to address any immediate concerns with recommended dewatering continuing.

State Update 14 for Active Monsoon FNQ as at 1600hrs on 05/02/2019

- No new drinking water incidents reported with DNRME and Queensland Health continuing to work closely with local councils to provide solutions.
- No issues with power generation in Queensland.
- No impacts reported to fuel terminals in the Townsville region - no reports of shortages of bulk fuel supply.

Sunwater

Submitted By Michael Hughes Date / Time 05/02/2019 13:09hrs

- Emergency Action Plans remain **active** for 7 dams – Burdekin Falls, Eungella, Julius, Kinchant, Ross River, Teemburra and Tinaroo Falls
- Significant forecast rainfall (as at 1300hrs) over 4 **dam catchments** near Mackay in the next 48 hours - Eungella (261mm), Kinchant (350mm), Teemburra (380mm) and Peter Faust (229m).
- Operational releases from Kinchant Dam continuing into the outlet channel continues at a rate of 100 per cent valve opening (or 1760ML/day) - monitoring ongoing ahead of significant forecast rainfall in the dam catchment.
- **Ross River Dam - Manual gate** operations re-commenced at 1215hrs today, as instructed by Townsville City Council. The current water level is **41.79m** with an outflow of **849m³/s** (as of 1300hrs). The lake level is continuing to fall. Ross River Dam lake level is **expected to rise** again on **07/02/19** according to BoM latest forecast data as of 1230hrs today.
- Burdekin Falls Dam water levels are **rising**, currently at **177%** capacity, primarily due to heavy rainfall in the Upper Burdekin catchment. Currently, lake level is not expected to exceed flood of record.

Economic Summary

Department of State Development, Manufacturing, Infrastructure and Planning

Submitted By Vanessa Franks Date / Time 05/02/2019 13:29hrs

- Townsville City Council have invited DSDMIP to participate in their Local Economic Recovery Committee. DSDMIP have been able to provide key business and industry contacts to be part of this committee. DSDMIP will attend all these meeting and provide assistance as requested.
- The TCC local economic recovery plan will feed into the Economic Recovery Group (ERG) planning process and be used in any State Plan that is developed.
- The ERG **will move to Stand Up** with a meeting to be convened which may occur as soon as the end of this week depending on weather conditions.
- Preparations for the ERG are underway with key contacts being notified of the intention to convene a meeting and to seek any intelligence on impacts.
- DSDMIP's Regional Office in Townsville is now **open**.
- Impact assessments to businesses will commence once it is safe to do so.

Department of Agriculture and Fisheries

Submitted By Janine Waldock Date / Time 05/02/2019 12:54hrs

- Due to the heavy rain, flooding and colder than usual winds, cattle losses are expected to be **high** in North West Queensland.
- Livestock in North West Queensland are susceptible to three-day sickness and this could result in additional cattle losses.



State Update 14 for Active Monsoon FNQ as at 1600hrs on 05/02/2019

- The Agriculture Coordination Group met today at 1330hrs. Agriculture Industry groups are represented and will discuss the impacts to agriculture and appropriate recovery measures.
- DAF offices in Ayr, Townsville and Ingham are closed today (05/02/19).

Department of Employment, Small Business and Training

Submitted By Grant Bachman Date / Time 05/02/2019 13:59hrs

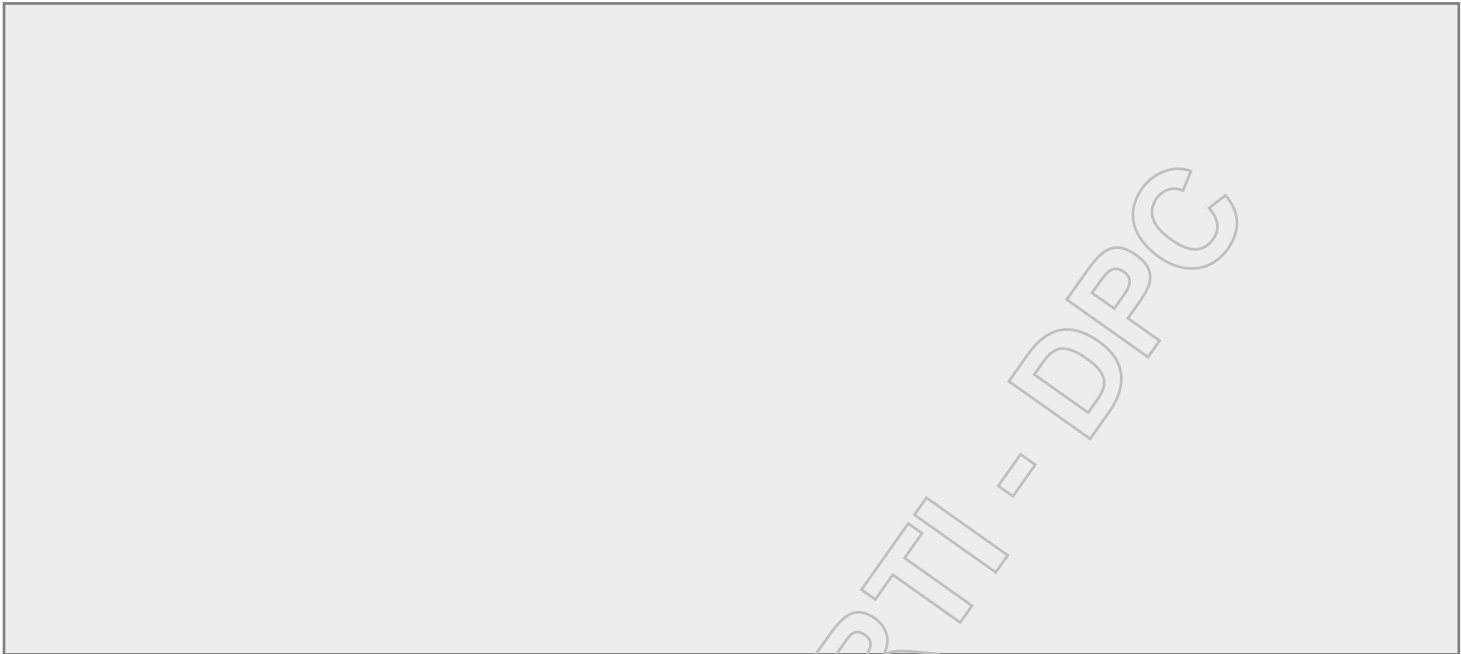
- NQ office has **re-opened** with a skeleton crew. Customer Centre requested to provide phone support for the next 24hrs for NQ as they start to move into recovery stage.
- Rapid damage assessments (RDAs) have commenced on Pimlico and Bohle. No external damage has been identified by DHPW. Aitkenvale, Burdekin and Ingham are still to be inspected.
- DHPW will complete further rapid damage inspections (RDIs) in the coming days with an electrician to make sure all is safe.

Other Agencies Summary



Released under RTI - DPC





Approval

Prepared

Senior Sergeant Tonya Graham – Operations.

Endorsed

Inspector Paul Fogg – Operations Coordinator.

Approved

Superintendent Shane Holmes – Commander.

Next Report

The next State Update will be issued at 10800hrs on 06/02/2019.

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Severe Weather Briefing

Wednesday, 6th February 2019



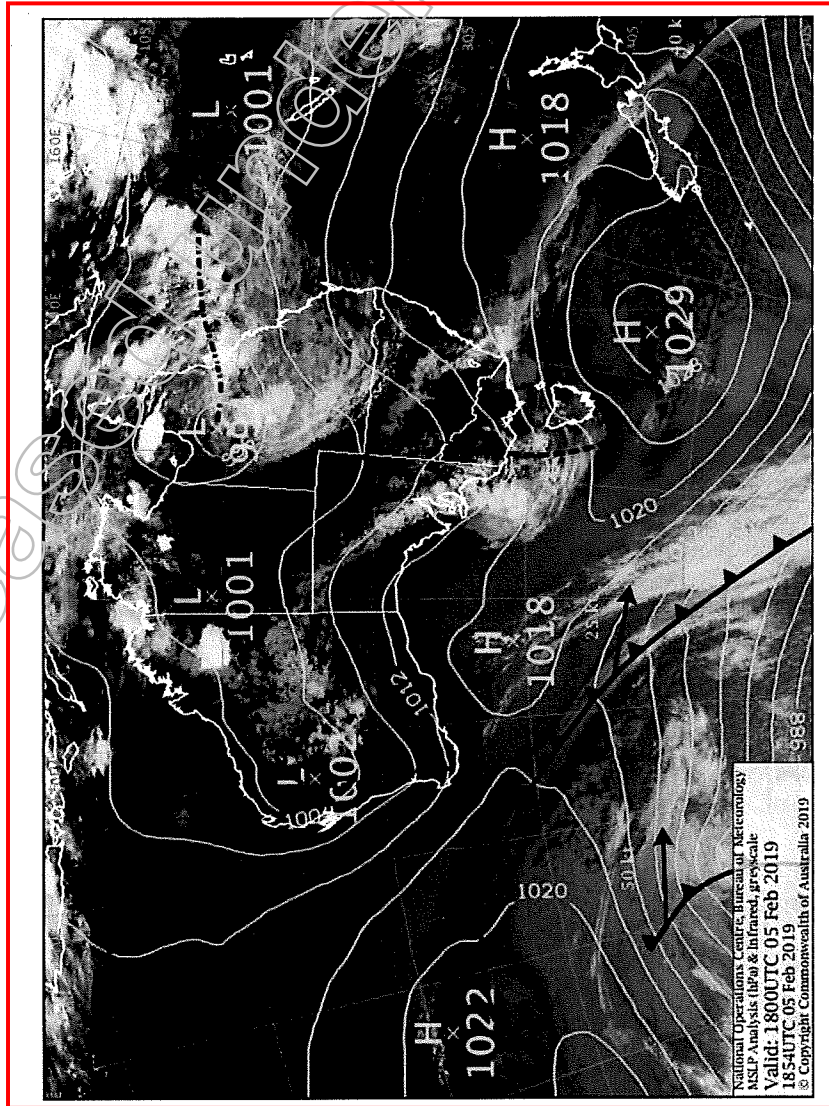


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Current situation - Satellite



- Showers and thunderstorms about an active monsoon trough and embedded tropical low.
- The monsoon trough position is expected to be slow-moving near the Herbert and Lower Burdekin coast until at least Friday.





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Recent conditions – Rainfall

Highest rainfall totals in the 7 days to 9am

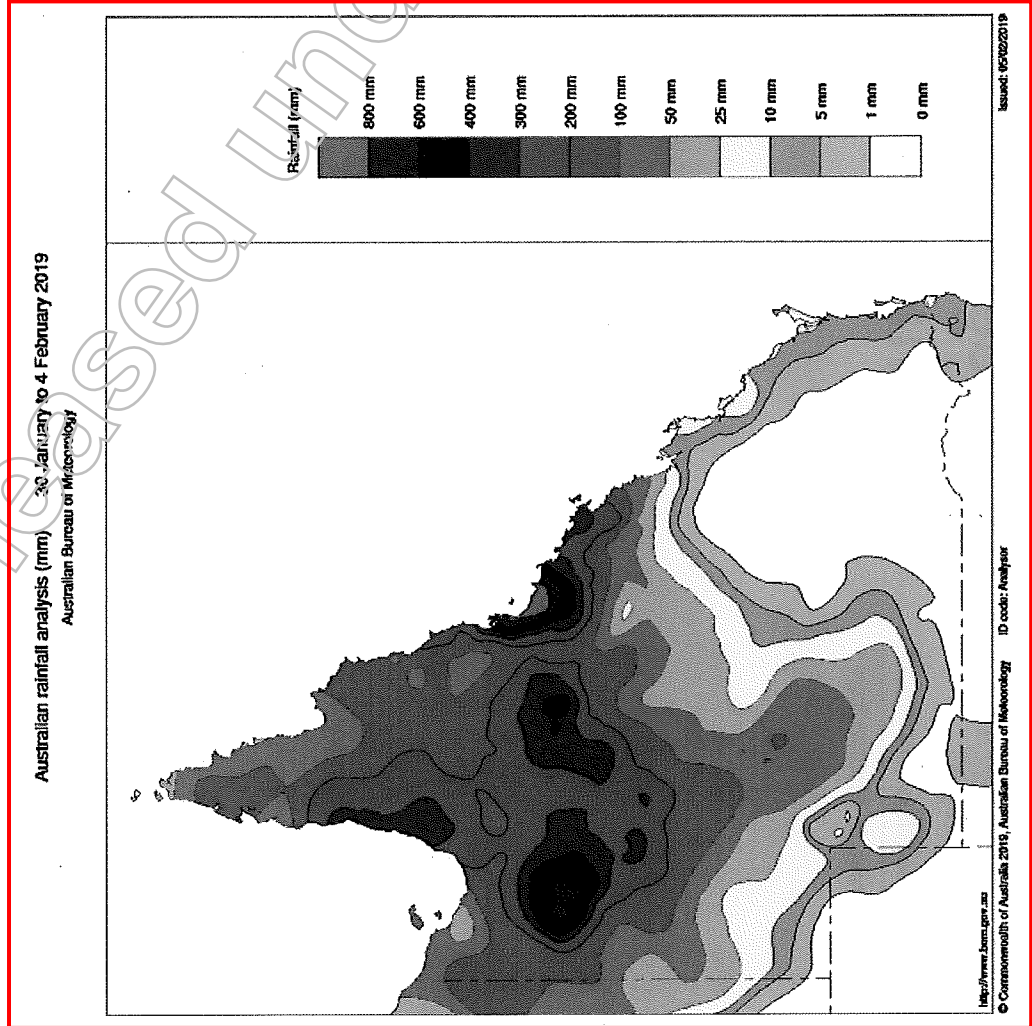
AEST Tuesday:

- 1852mm at Upper Bluewater
- 1758mm at Paluma
- 1669mm at Woolshed (Hervey Range)

Townsville:

Townsville recorded 1158mm in the 7 days to 9am Monday (1115mm in the 7 days to 9am Tuesday). Previous record was 886.2mm (1998).

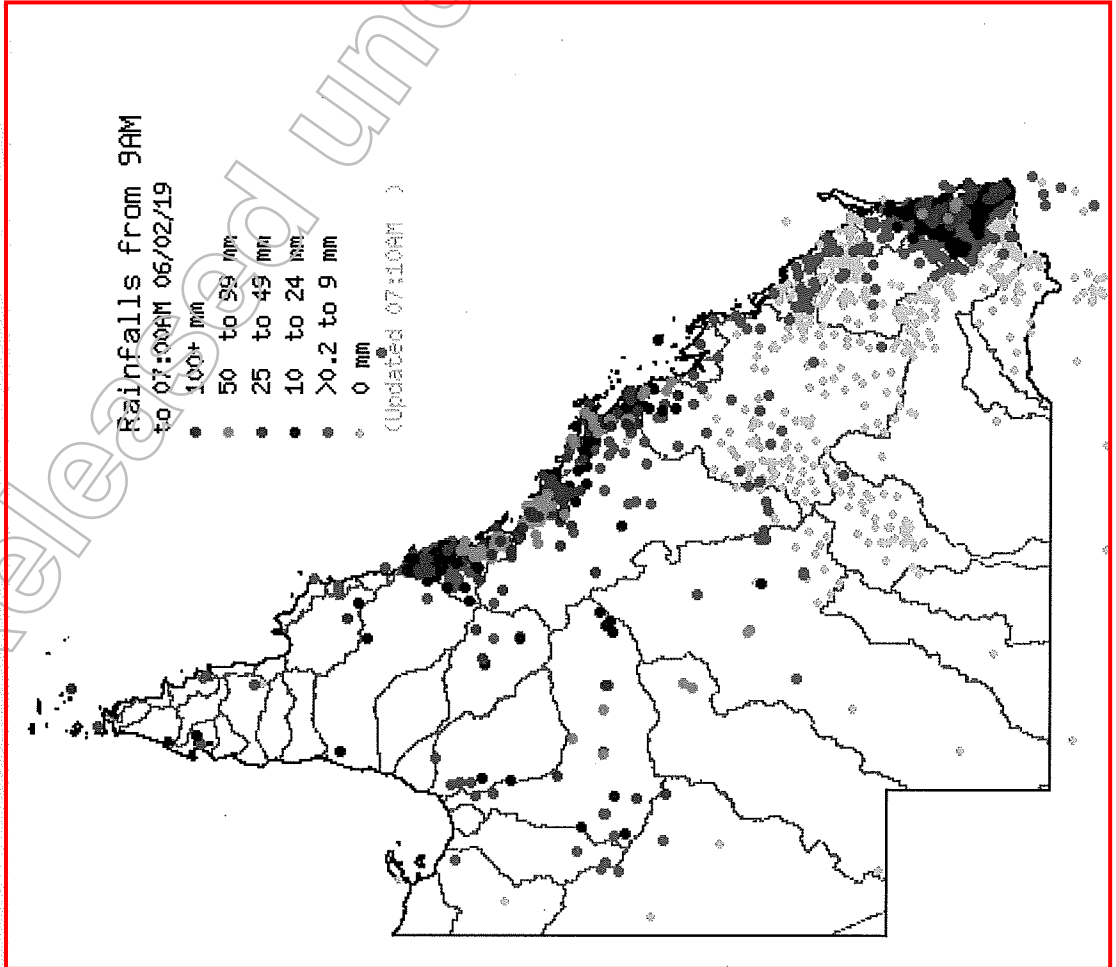
The Townsville annual average rainfall is 1128mm.





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Recent conditions – Rainfall 9am Tuesday to 7am Wednesday



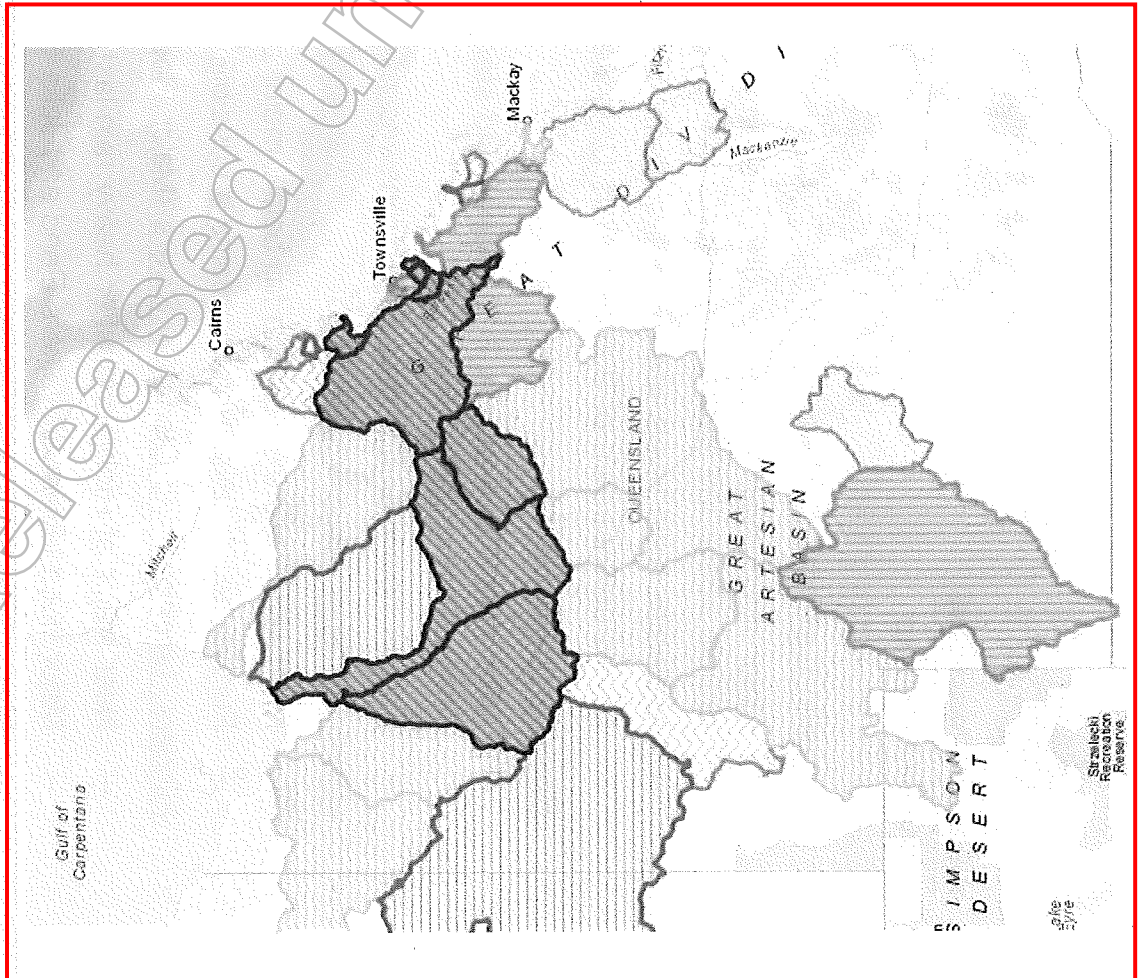
- Widespread 50-100mm+ near Flinders Highway.
 - 120mm at Richmond
 - 55mm at Julia Creek
- 75-250mm near Ingham to Townsville (Burdekin catchment and local creeks e.g. Bluewater).
 - 235mm at Michael Ck
 - 173mm at Rollingstone
 - 113mm at Black River
 - 73mm at Townsville
- 134mm at Eungella, 110mm Clarke Range (Pioneer Catchment)
- 58mm at Longreach



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Current Flood Warnings (as of 7:25am Wednesday)



- Major flood levels current for the Upper Burdekin, Haughton, Flinders, Herbert, Leichardt Rivers and parts of the Diamantina.
- Major flood warning for Cloncurry.
- Moderate flood warning for Ross, Bohle and Black Rivers, Lower Burdekin and Isaac Rivers.
- Minor flood warnings for the Don and Proserpine, Norman, Georgina, and Murray Rivers.
- Flood warning for the Pioneer, Diamantina, Thomson and Barcoo (and Cooper Creek), Nicholson, Gregory and Gilbert and Tully Rivers.



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Flood Warnings Continued

6

- Burdekin Catchment (Major Current)
 - Major flood levels are expected to rise further at Sellheim in the upper Burdekin River where river levels will remain above the level of the Macrossan Bridge until at least late Wednesday.
 - Moderate flood levels are extending along the lower Burdekin River between Dalbeg and Inkerman Bridge.
 - Levels downstream of Burdekin Falls Dam are likely to be higher than the 2012 flood.
- Ross River (Moderate)
 - Aplin Weir is currently at 2.16 metres and steady. Expected to remain above the moderate flood level (1.70m) Wednesday morning.
 - Further heavy rainfall may cause renewed rises.
- Houghton River (Major Current)
 - River levels are expected to fall below major at Giru during Wednesday.
 - Further heavy falls, which remains a possibility until at least Friday, could cause renewed rises.
- Flinders, Leichardt and Cloncurry Rivers (Major Flood Warnings)
 - Near Major at Richmond, after heavy rain last night.
 - Major flood levels at Walkers Bend and Julia Creek.
 - Major flood levels are possible on the Cloncurry River at Cloncurry.
 - Heavy rainfall (70-120mm+) remains a possibility, especially for the next 24 hours (see severe weather warning).

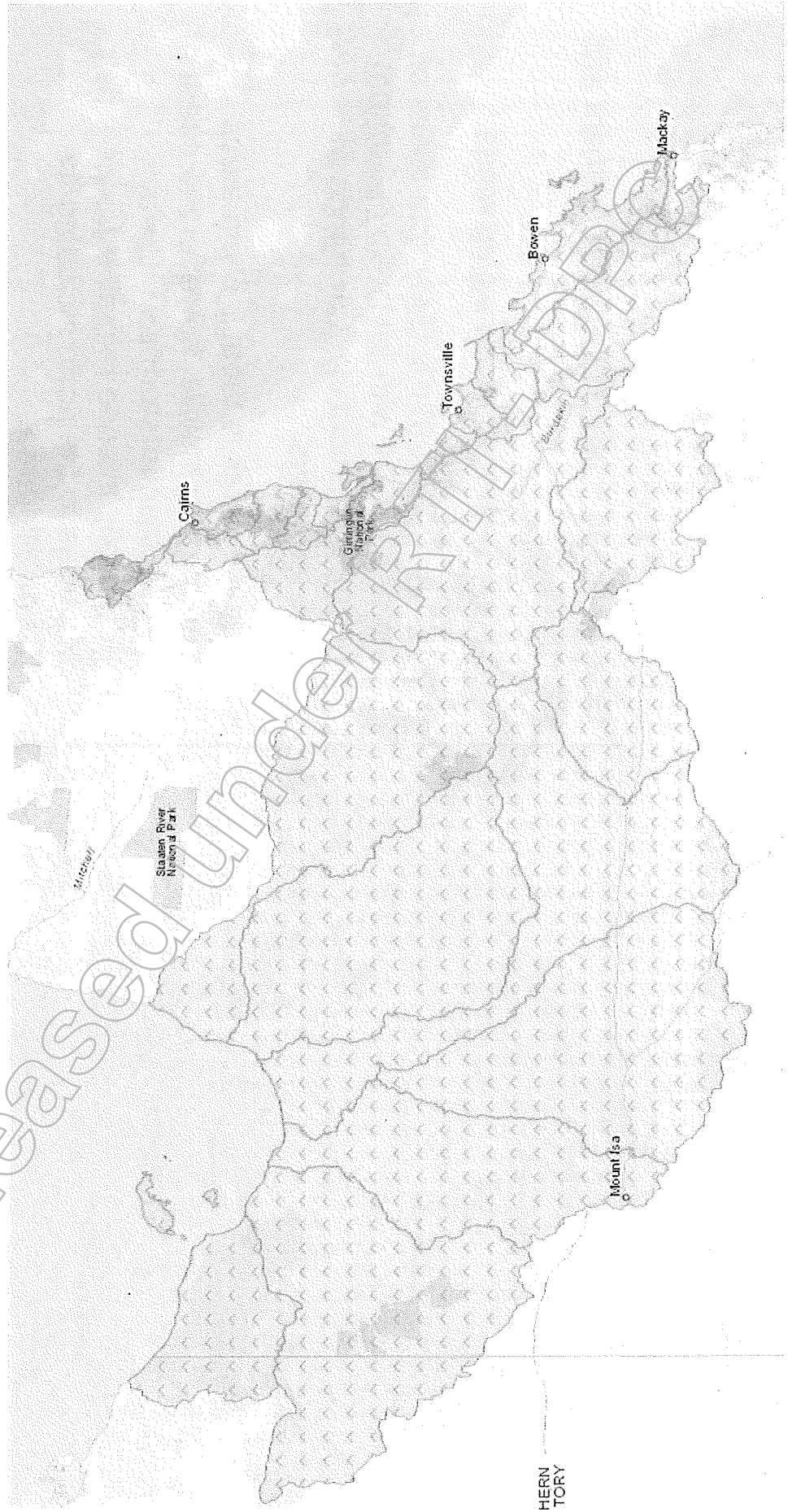


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Current Flood Watch (Updated 12:20pm Tuesday)



7

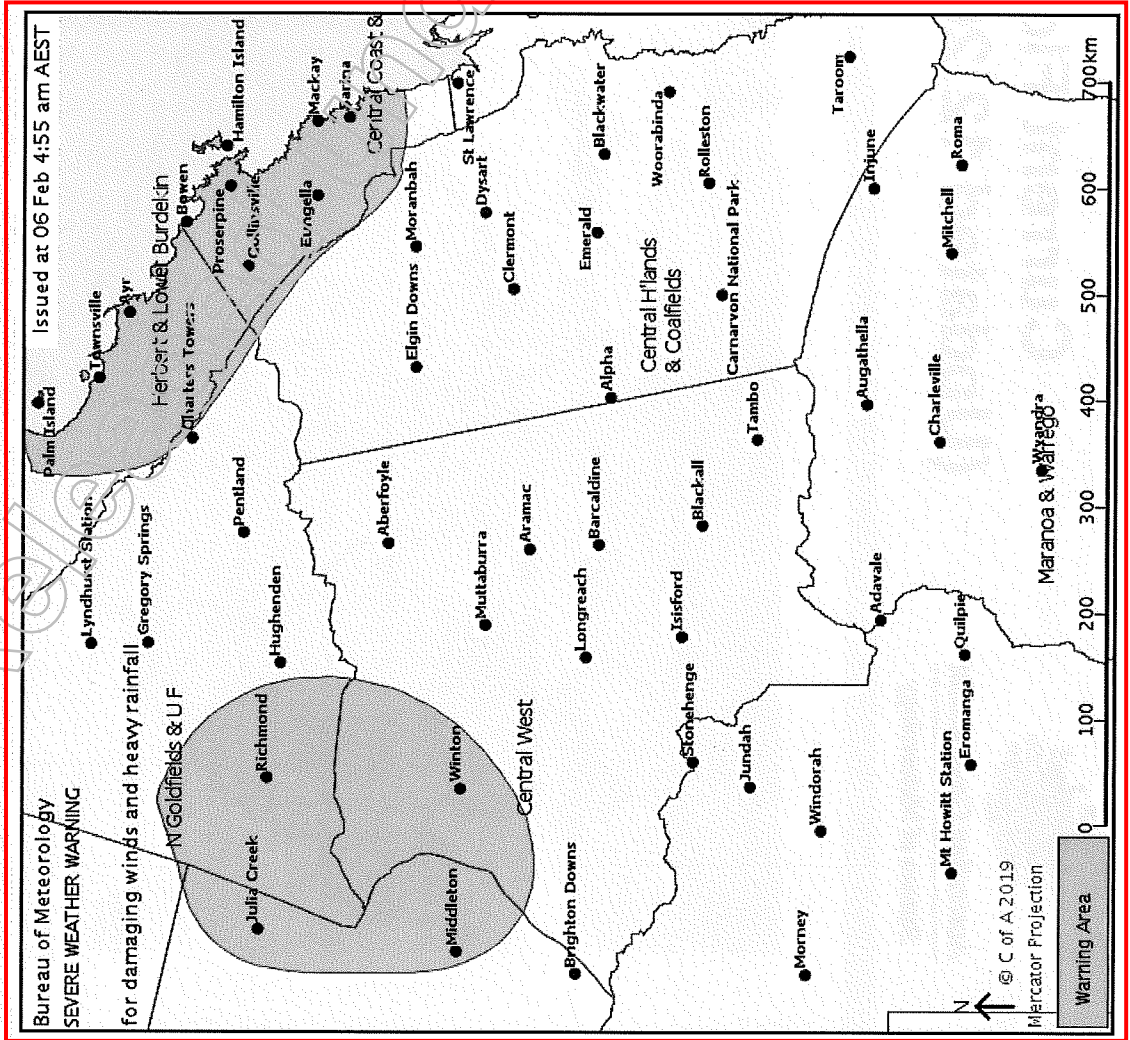


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Severe Weather Warning 1 (as of 4:55am Wednesday)



Coastal areas + ranges between Ingham and Carmila:

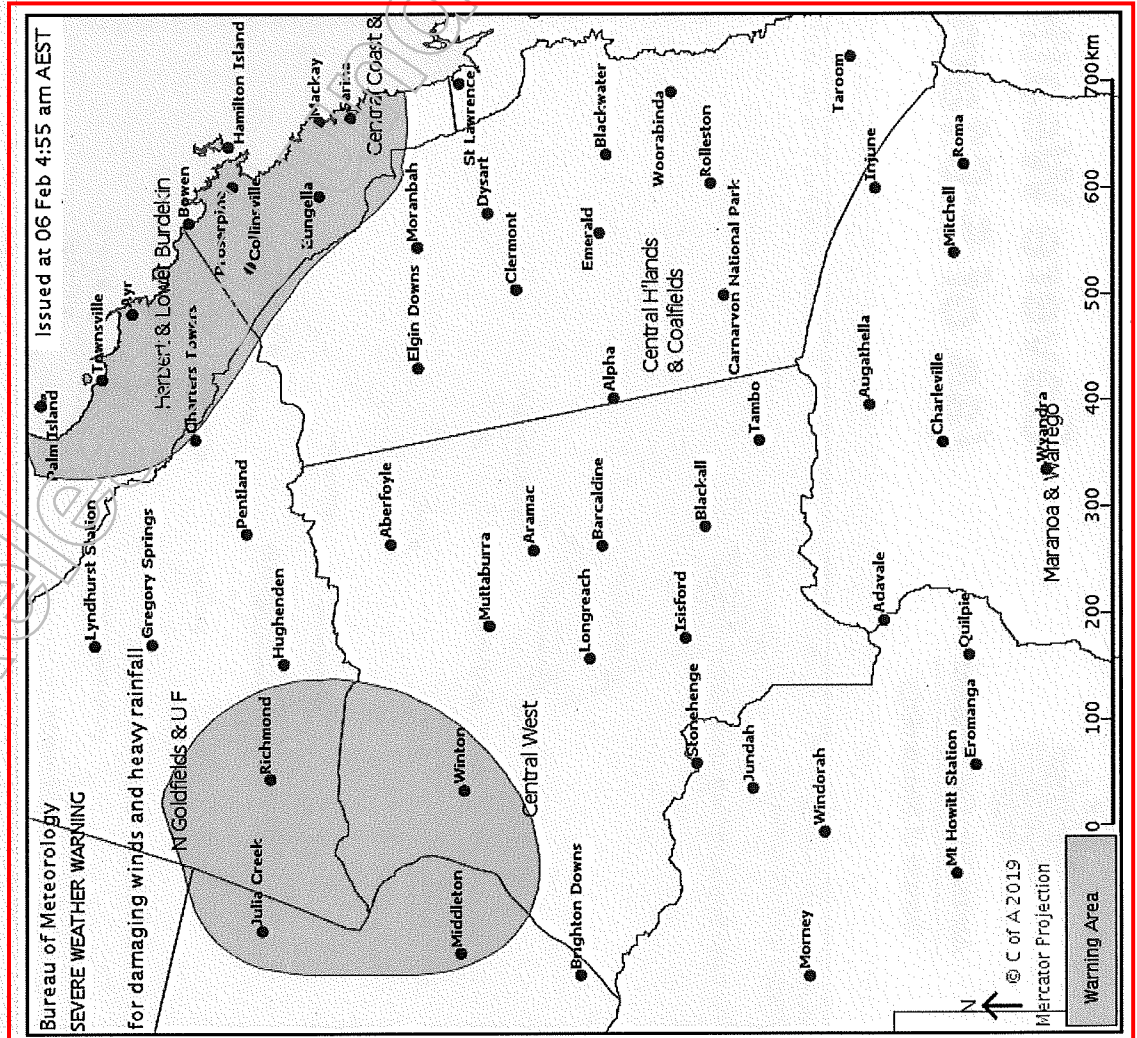
- Heavy rainfall and damaging winds.
- 150mm to 200mm is likely with areas of intense rainfall with totals up to 300mm possible, particularly with bands of thunderstorms.
- Heavy rainfall is most likely in areas south of Townsville, however the threat of severe thunderstorms with heavy, potentially intense rainfall remains a risk for areas to the north including the Townsville area.
- **Flash flooding and landslides are a significant risk.**
- From the weekend, rainfall may begin to ease/move away.
- 120mm at Michael Ck in 6 hours to 1am.



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Severe Weather Warning 1 (as of 4:55am Wednesday)



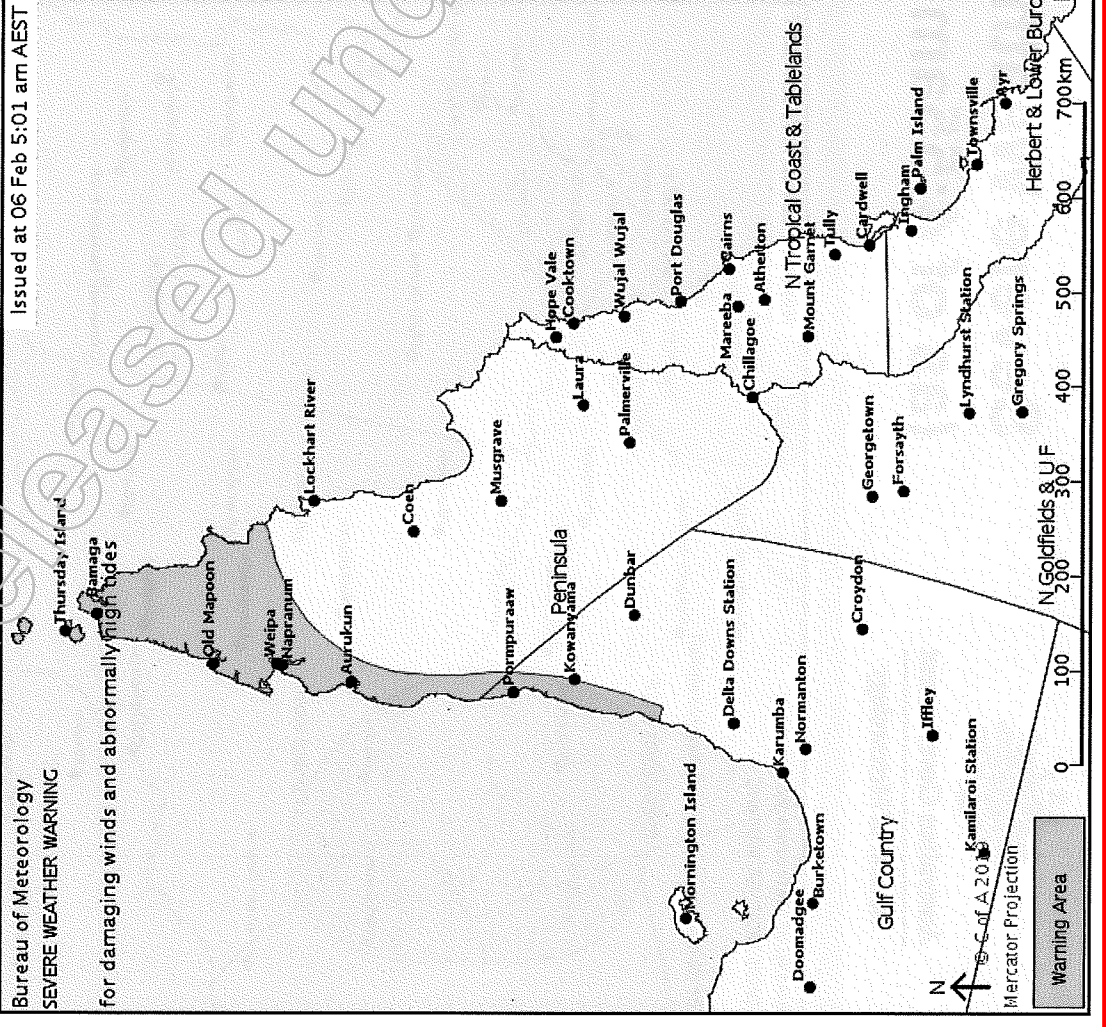
NW Interior:

- Heavy rainfall is likely to occur again in some areas this afternoon/evening and overnight into tomorrow.
- 60mm to 120mm is possible in 6-hourly periods.
- **Flash flooding is a risk, as well as further river rises.**
- 79mm in 6 hours to 2am.



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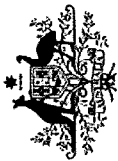
Severe Weather Warning 2 (as of 5:01 am Wednesday)



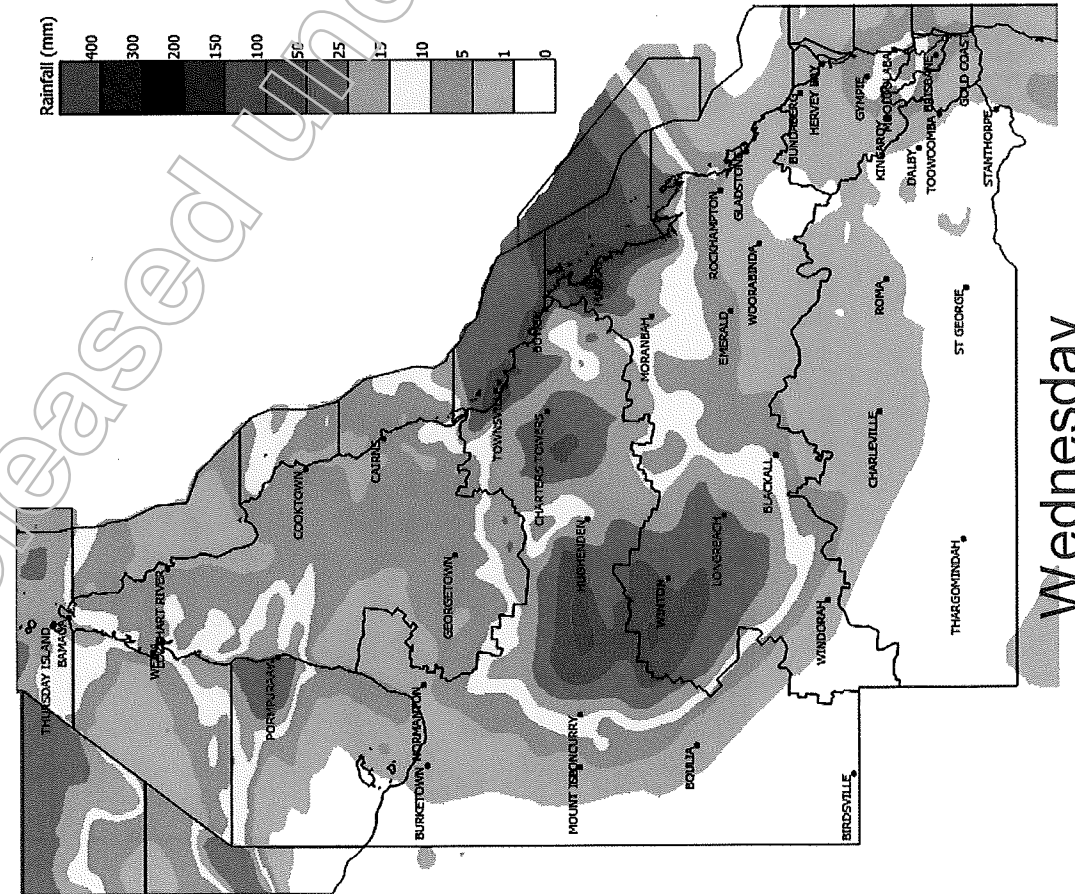
- Abnormally high tides are forecast around the Gulf of Carpentaria coast, including the Torres Strait Islands.
- Water levels above HAT are possible around the time of high tide, exacerbated by large waves through parts of the northern Gulf and Torres Strait.
- Monsoonal squalls with damaging wind gusts up to 100 km/hr also possible north of Weipa, particularly with thunderstorms.
- A 95 km/h wind gust was recorded at Horn Island at 9 am.
- HAT was exceeded overnight at Weipa.



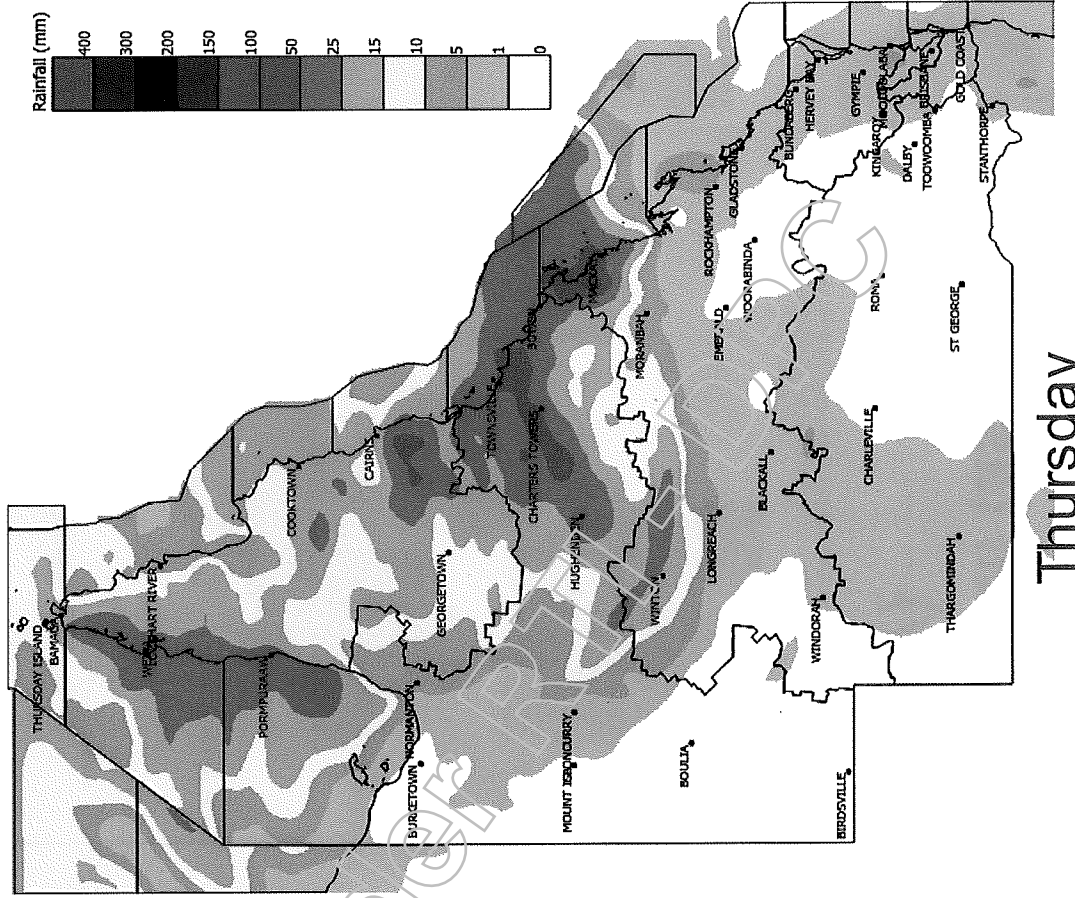
Forecast conditions – Rainfall (as of 7:30am Wednesday)



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Wednesday



Thursday

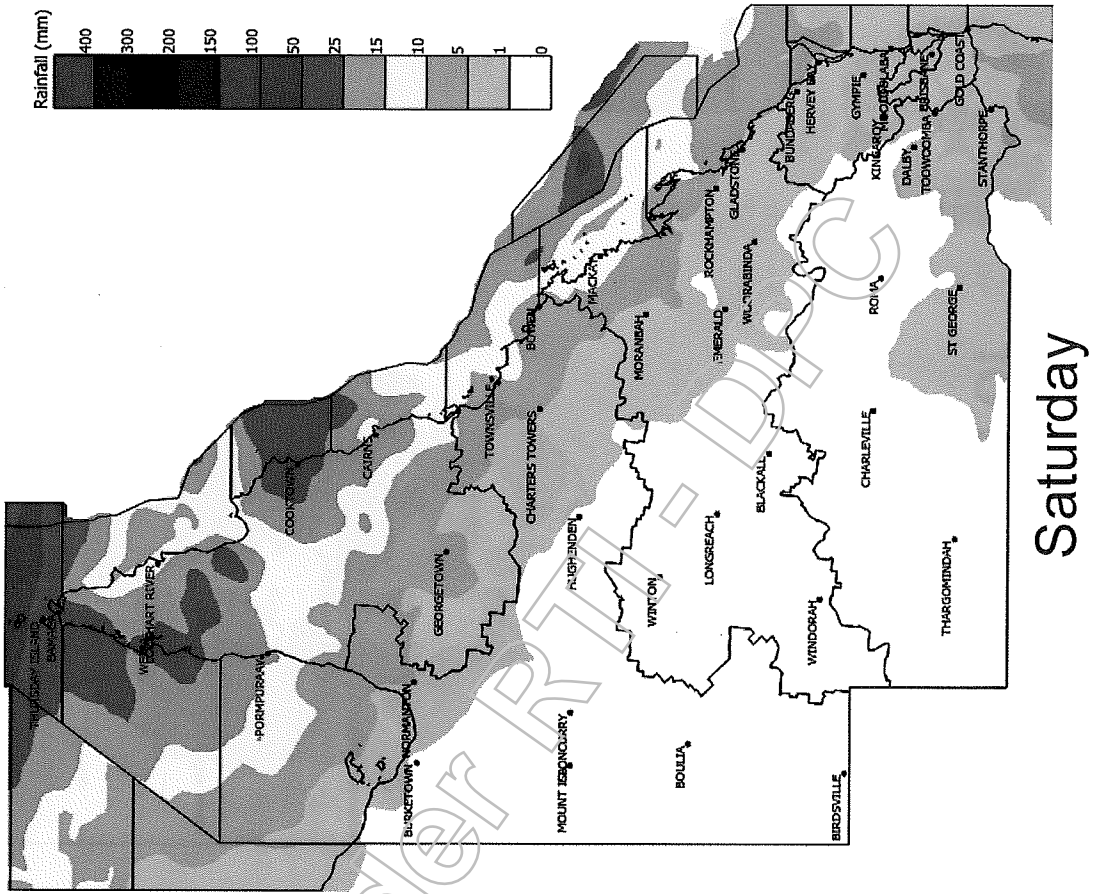
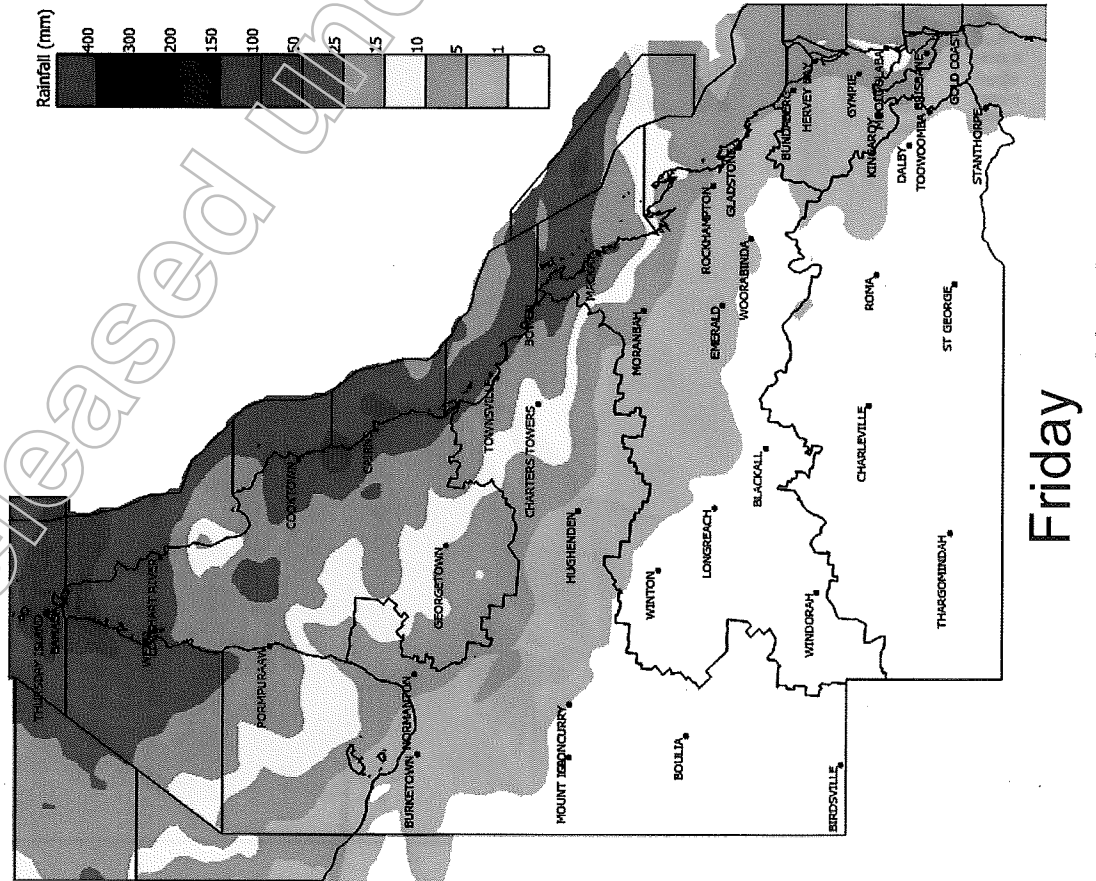


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Forecast conditions – Rainfall (as of 7:30am Wednesday)



12



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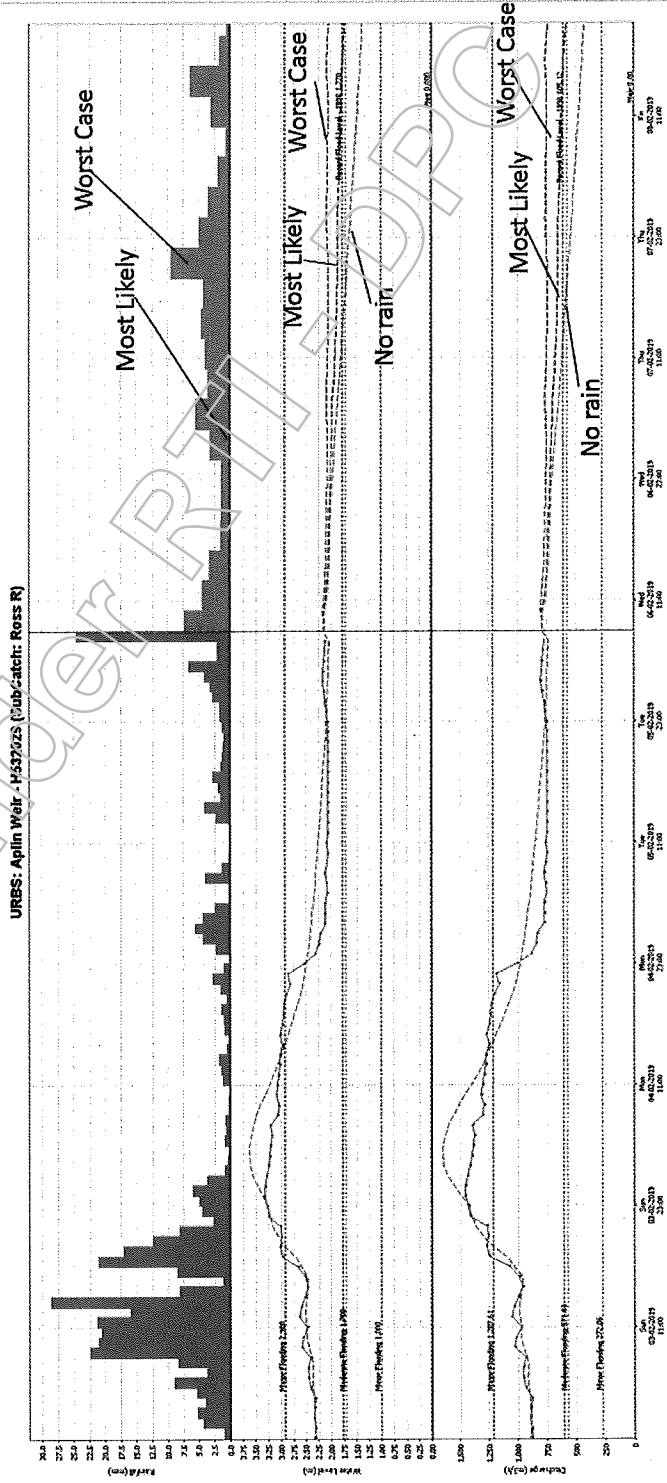
Current Scenario – Aplin Weir



13

Forecast Scenario as @ 0800 hours Wednesday 06/02/2019

Most likely scenario: 25% probability scenario from latest forecasts available in MetEye.
No further rain: If rainfall ceases immediately. As the day progresses, if we do not see rainfall in the catchment, levels closer to this scenario will become increasingly likely.
Worst Case: This is a scaled up version of the most likely, showing that some falls may occur slower if rainfall is somewhat heavier than expected.
NB: Modelled peak modelled flows at Aplin Weir matched well with the outflow from the Ross River Dam late Sunday. Attenuation and breakouts of flow between Ross River Dam and Aplin Weir, as well as manual dam operations account for the difference in recorded and modelled flows and this is currently being investigated by Townsville City Council.
 The recession is likely to occur slower than modelled, due to model factors including rating curves, dam releases and model parameters being calibrated for the rising limb.



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Key messages

- **Major flood levels current for the Upper Burdekin, Haughton, Flinders, Herbert, Leichardt Rivers and parts of the Diamantina.** Major flood warning for Cloncurry, also.
- Moderate flood warning for Ross, Bohle and Black Rivers, Lower Burdekin and Isaac Rivers. Further flood warnings and flood watch also current. See www.bom.gov.au/qld/warnings/ for latest.
- For the eastern tropical coast and ranges between Ingham and Carmila, isolated falls of 150-200mm+ are considered likely until at least Friday.
- Through parts of the northwest interior, isolated falls of 60-120mm+ are considered likely for the next 24 hours.
- Abnormally high tides and damaging wind gusts are possible around the Gulf Country, Peninsula and Torres Strait Islands for the next few days.
- **Flash flooding and landslides remain a significant risk.**
- **We expect too see a significant improvement in weather conditions from Friday.**



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Severe Weather Briefing

Wednesday, 6th February 2019 – PM Update





Key messages

- **Major flood levels current for the Upper Burdekin, Haughton, Flinders, Cloncurry and Leichardt Rivers, Herbert and parts of the Diamantina.**
- Moderate flood warning for Ross, Bohle and Black Rivers, Lower Burdekin, Georgina and Isaac Rivers. Further flood warnings and flood watch also current. See www.bom.gov.au/qld/warnings/ for latest.
- For the eastern tropical coast and ranges between Ingham and Carmila, isolated falls of 150-200mm+ are considered possible until at least Friday.
- Through parts of the northwest interior, isolated falls of 60-120mm+ are considered possible for the next 12-24 hours.
- Abnormally high tides and damaging wind gusts are possible around the Gulf Country, Peninsula and Torres Strait Islands today.
- **Flash flooding and landslides remain a significant risk.**
- **We expect to see a significant improvement in weather conditions from Friday.**

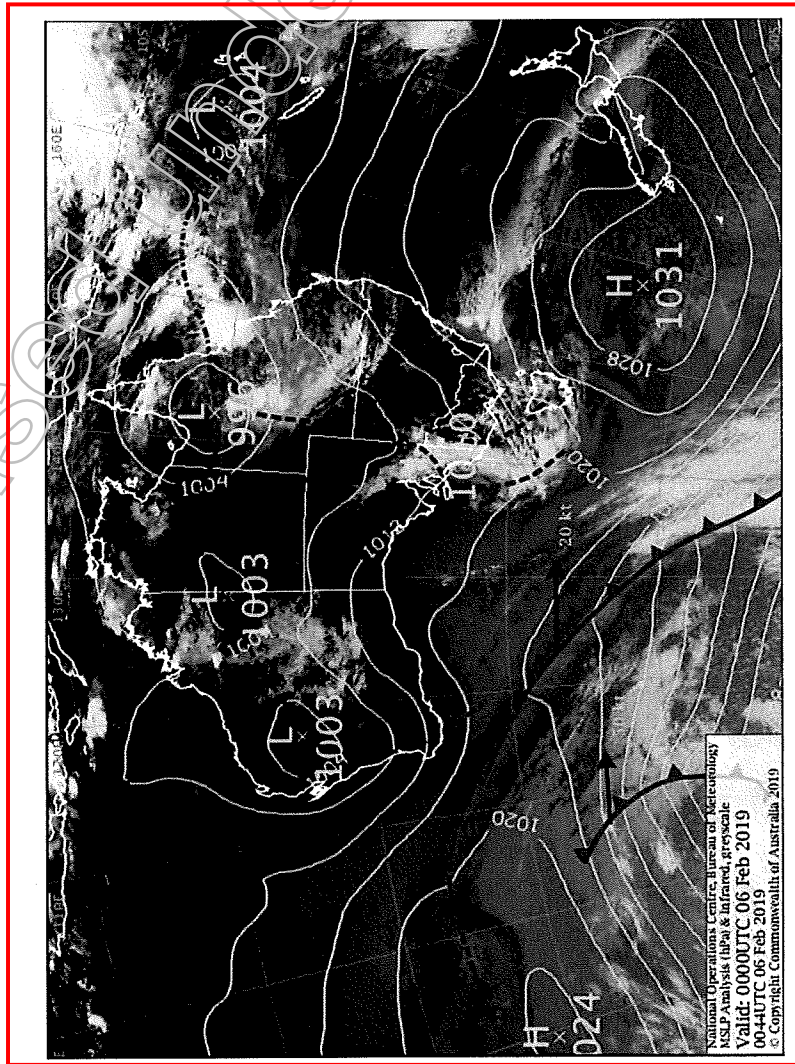


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Current situation - Satellite



- Showers and thunderstorms about an active monsoon trough and embedded tropical low.
- The monsoon trough position is expected to be slow-moving near the Herbert and Lower Burdekin coast until at least Friday.





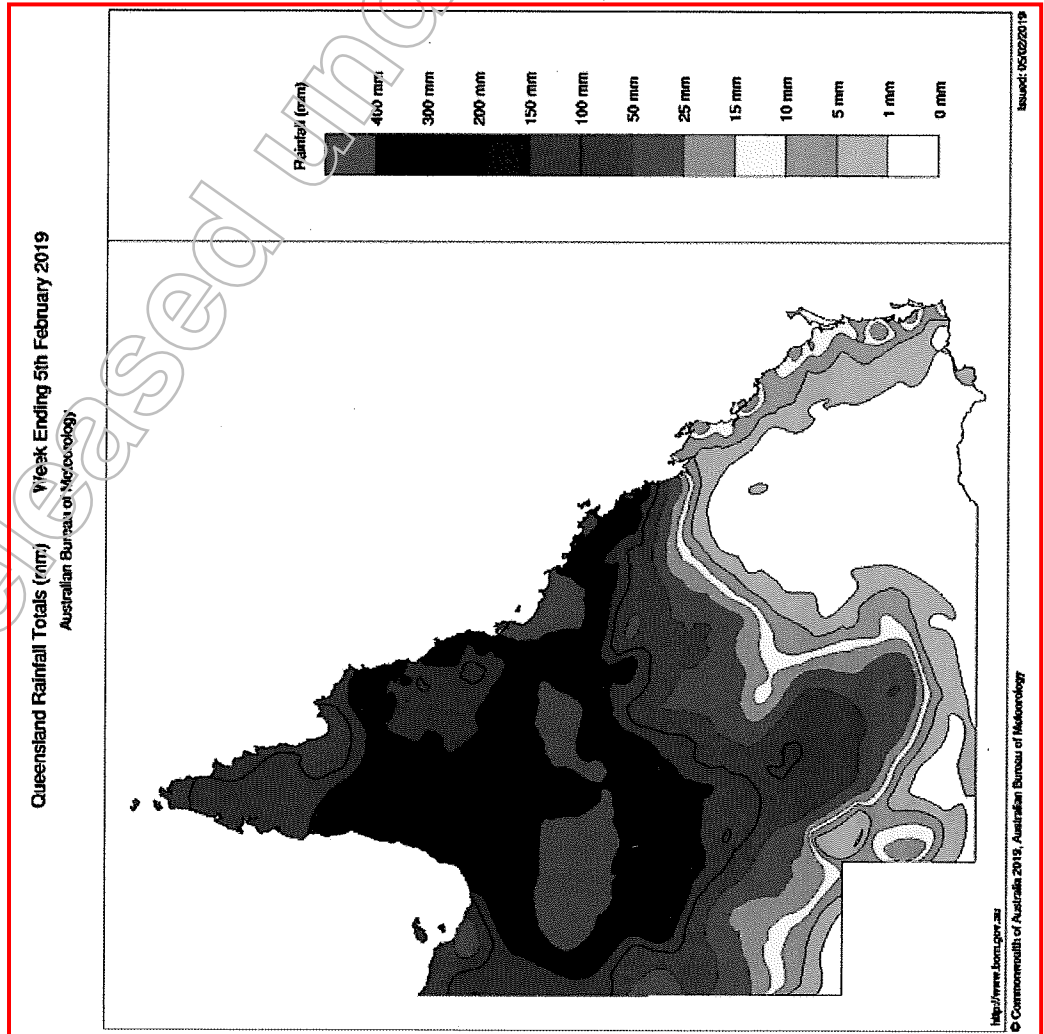
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Recent conditions – Rainfall

Highest rainfall totals in the 7 days to 9am AEST Wednesday:

- 1741mm at Upper Bluewater
- 1121mm at Townsville
- 510mm at Julia Creek
- 477mm at Richmond
- 405mm at Sellheim (near Charters Towers)

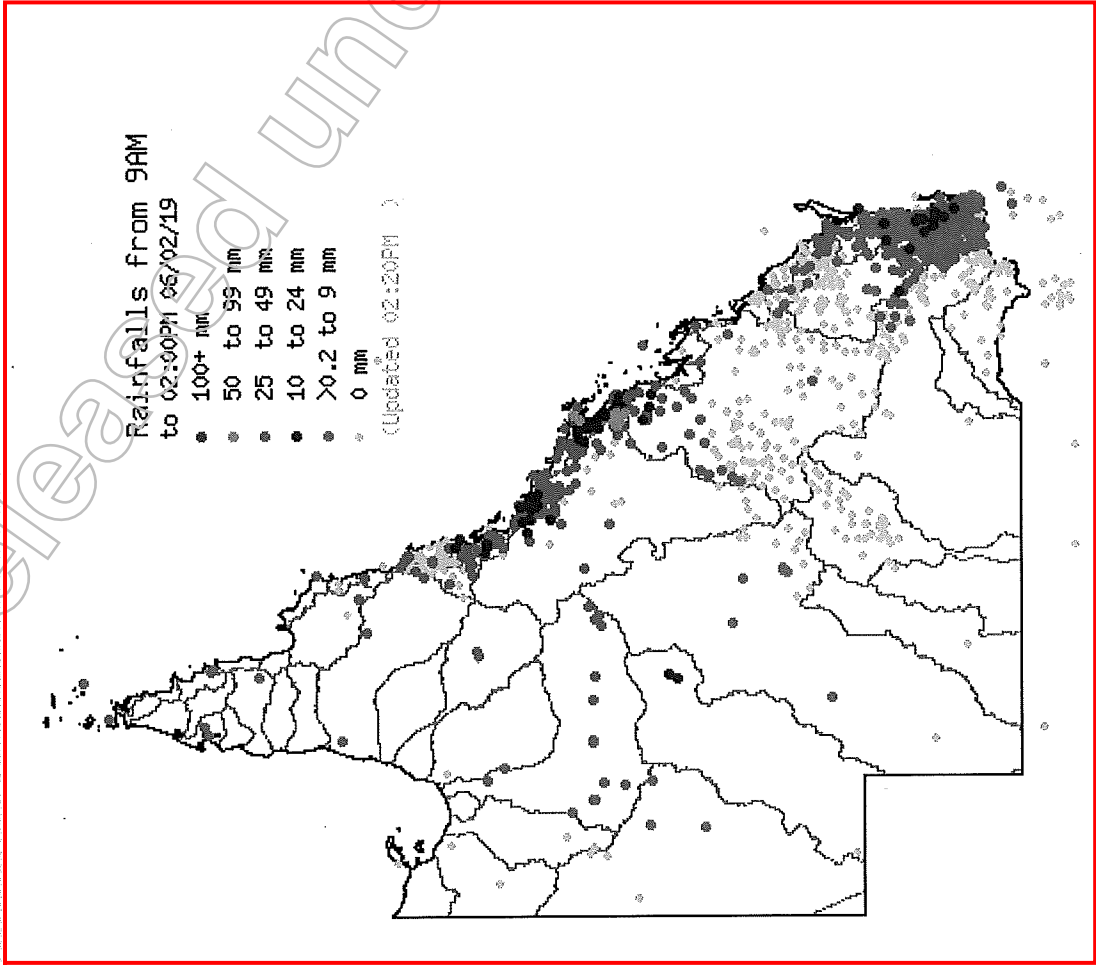




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Recent conditions – Rainfall 9am to 2pm Wednesday



- 77 mm at Jubilee Pocket (near Airlie Beach)
- 67 mm at Upper Finch Hatton (top of Pioneer)
- 41 mm at Richmond
- 14mm at Woodlands (near Ross River Dam, 59mm in the 24 hours to 9am Wednesday)
- 8mm at Townsville (125mm in the 24 hours to 9am Wednesday)
- 2mm at Sellheim (near Charters Towers)

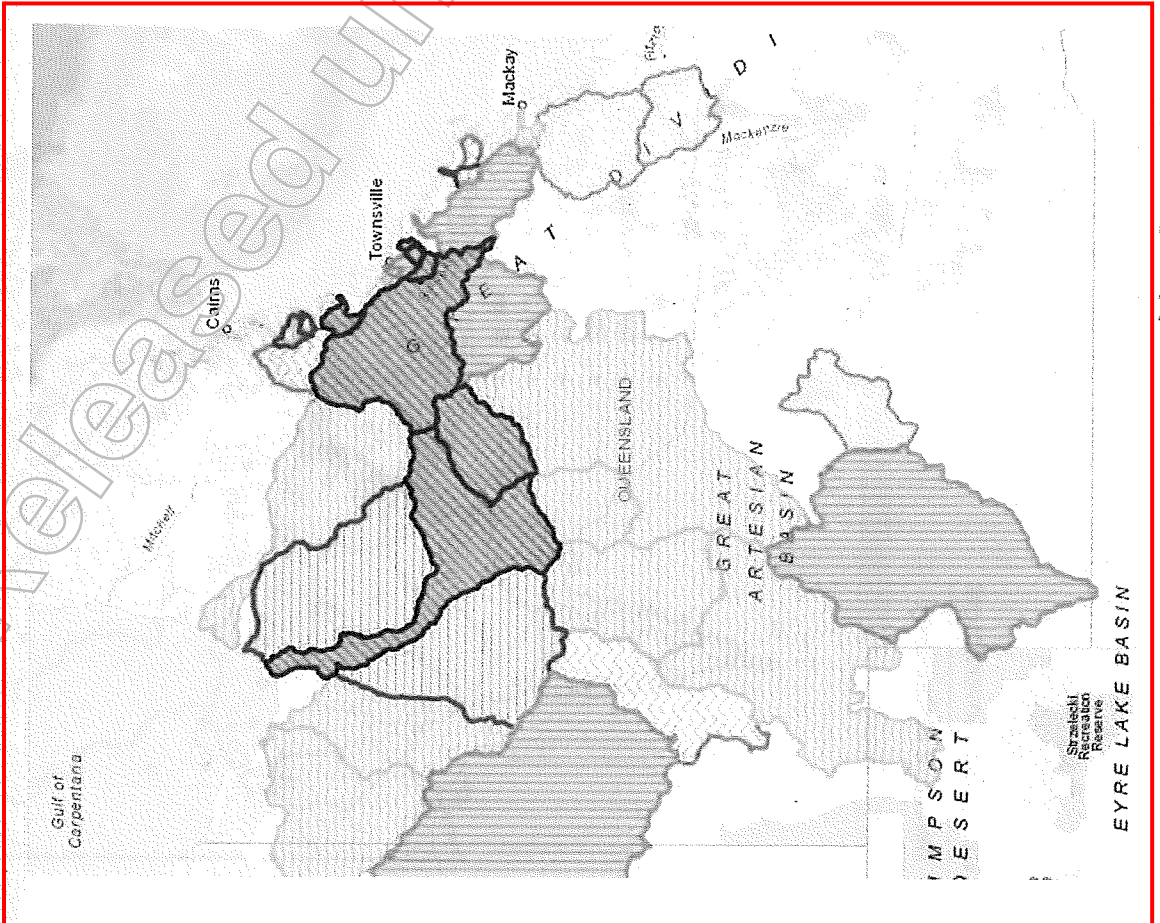


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Current Flood Warnings (as of 2:30pm Wednesday)



6



- Major flood levels current for the Upper Burdekin, Haughton, Flinders, Cloncurry and Leichardt Rivers, Herbert and parts of the Diamantina.
- Moderate flood warning for Ross, Bohle and Black Rivers, Lower Burdekin, Georgina and Isaac Rivers.
- Minor flood warnings for the Don and Proserpine, Norman, Thomson and Barcoo (and Cooper Creek) and Tully and Murray Rivers.
- Flood warning for the Pioneer, Diamantina and Nicholson, Gregory and Gilbert Rivers.

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Flood Warnings Continued

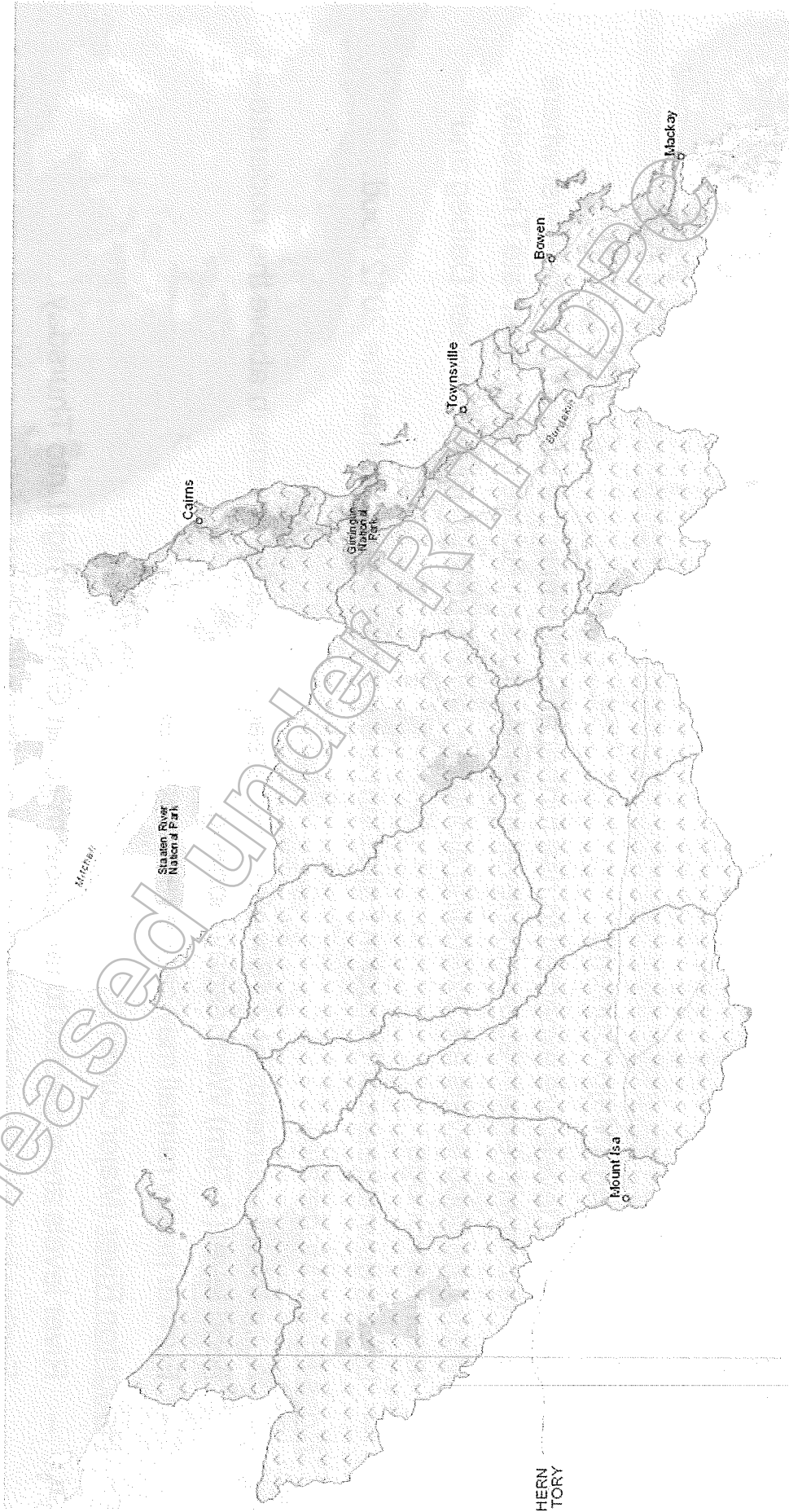
7

- Burdekin Catchment (Major Current)
 - Major flood levels are expected to rise further at Sellheim in the upper Burdekin River where river levels will remain above the level of the Macrossan Bridge until at least late Thursday.
 - Moderate flood levels are extending along the lower Burdekin River between Dalbeg and Inkerman Bridge.
 - Levels downstream of Burdekin Falls Dam are likely to be higher than the 2012 flood.
- Ross River (Moderate)
 - Aplin Weir is currently at 2.16 metres and steady. Expected to remain above the moderate flood level (1.70m) Wednesday morning.
 - Further heavy rainfall may cause renewed rises.
- Houghton River (Major Current)
 - River levels are expected to fall below major at Giru overnight into Thursday.
 - Further heavy falls, which remains a possibility until at least Friday, could cause renewed rises.
- Flinders, Leichardt and Cloncurry Rivers (Major Flood Warnings)
 - Near Major at Richmond, after heavy rain last night.
 - Moderate to major flooding is occurring downstream of Richmond and will continue this week.
 - Heavy rainfall (70-120mm+) remains a possibility, especially for the next 12-24 hours (see severe weather warning).



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Current Flood Watch (Updated 12:54pm Wednesday)



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Current Scenario – Aplin Weir

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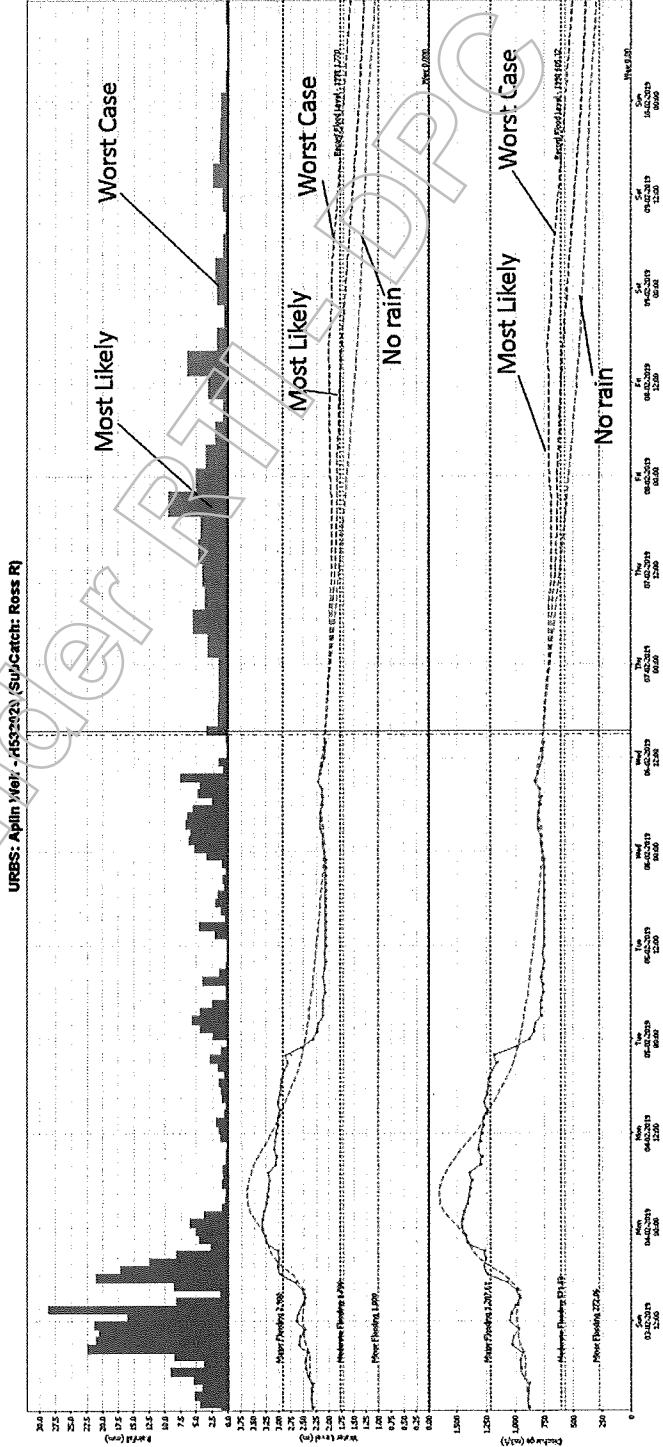
Forecast Scenario as @ 1530 hours Wednesday 06/02/2019

Most likely scenario: 25% probability scenario from latest forecasts available in MetEye.

No further rain: If rainfall ceases immediately. As the day progresses, if we do not see rainfall in the catchment, levels closer to this scenario will become increasingly likely.

Worst Case: This is a scaled up version of the most likely, showing that some falls may occur slower if rainfall is somewhat heavier than expected. NB: Modelled peak modelled flows at Aplin Weir matched well with the outflow from the Ross River Dam late Sunday. Attenuation and breakouts of flow between Ross River Dam and Aplin Weir, as well as manual dam operations account for the difference in recorded and modelled flows and this is currently being investigated by Townsville City Council.

The recession is likely to occur slower than modelled, due to model factors including rating curves, dam releases and model parameters being calibrated for the rising limb.



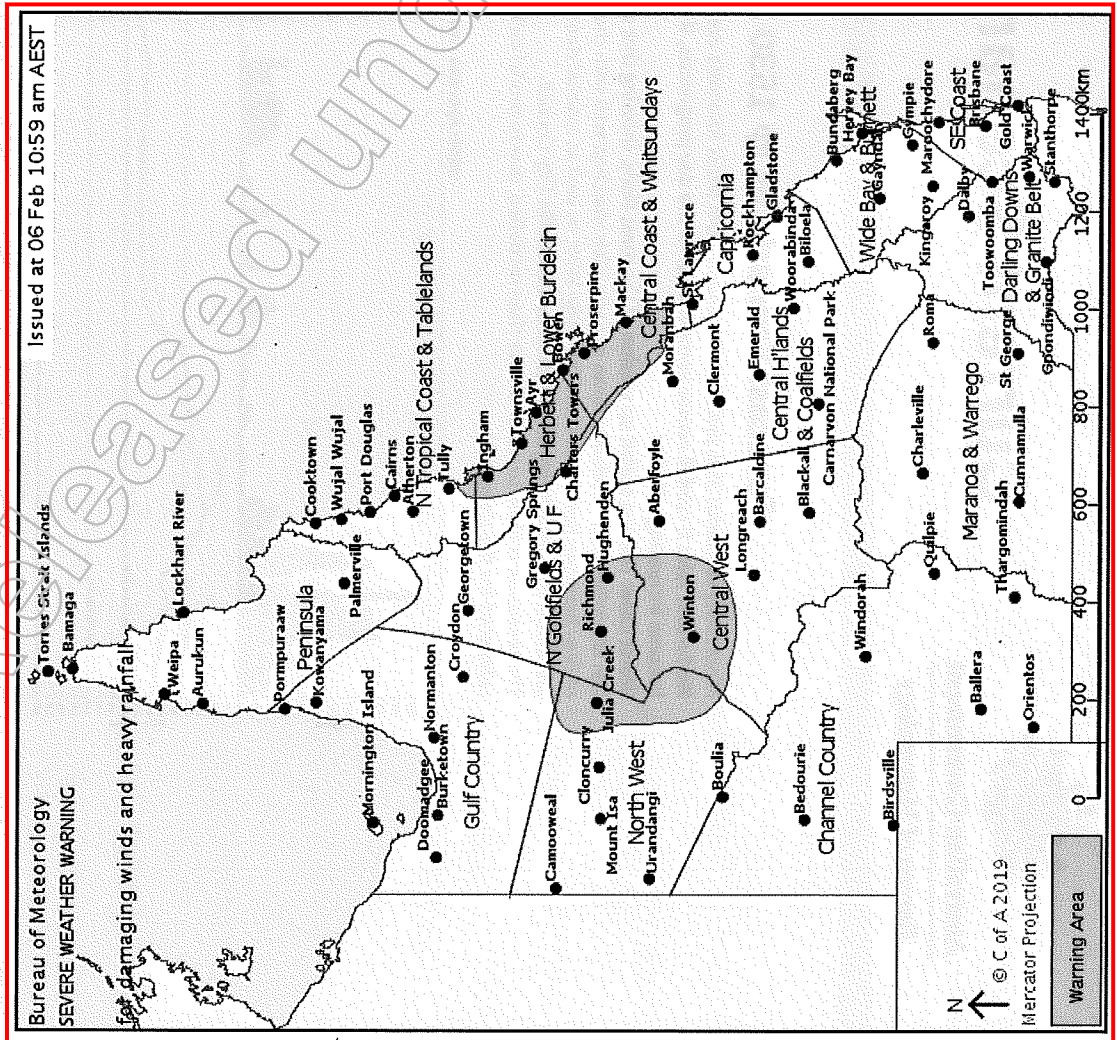
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Australian Government
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Severe Weather Warning 1 (as of 10:59am Wednesday)



Coastal areas + ranges between Cardwell and Sarina:

- Heavy rainfall and damaging winds.
- 6-hourly totals of 150mm to 200mm are possible.

Flash flooding and landslides are a significant risk.

Damaging wind gusts are possible in coastal areas south of Airlie Beach, particularly overnight.

NW Interior:

- Heavy rainfall is likely to occur again in some areas overnight into tomorrow.
- 60mm to 120mm is possible in 6-hourly periods.

Flash flooding is a risk, as well as further river rises.

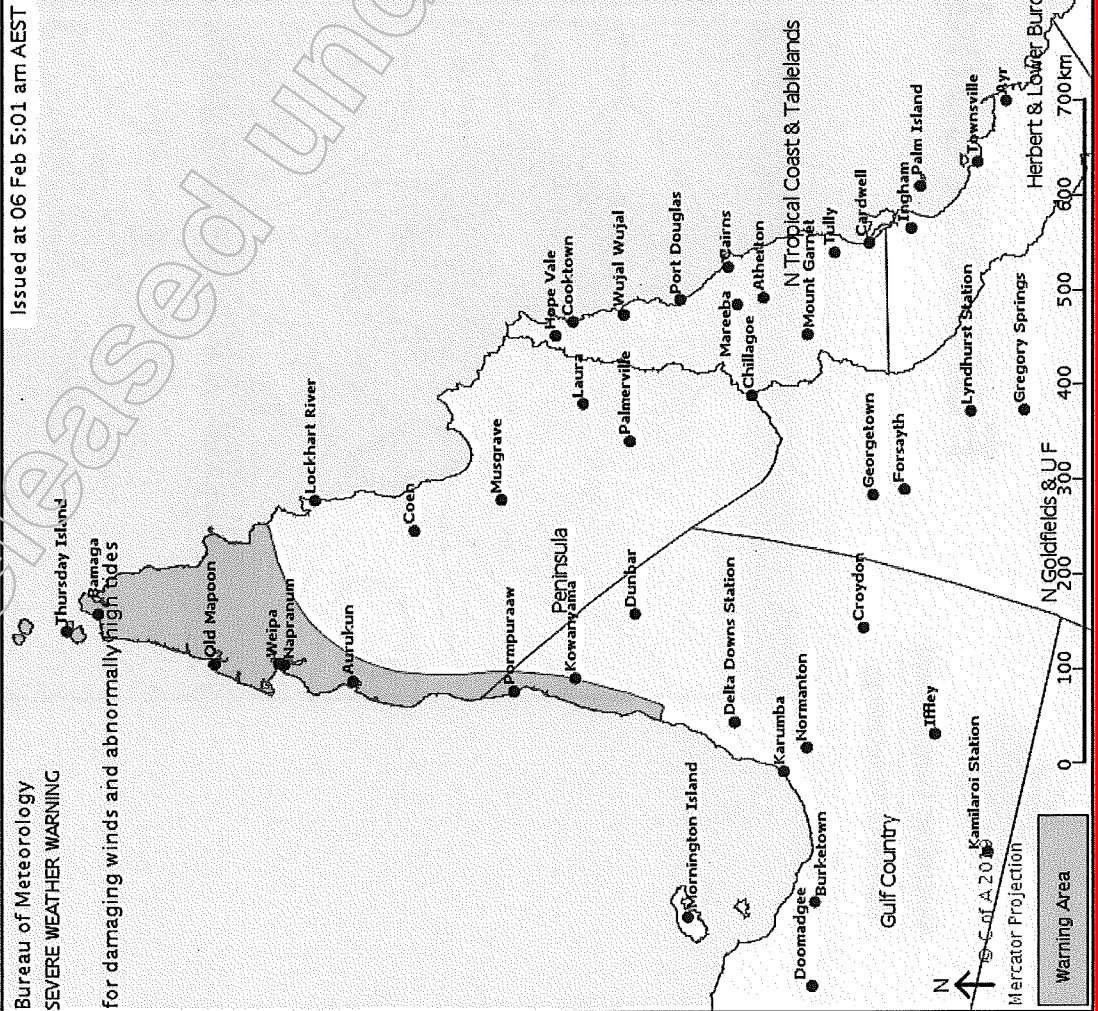


Australian Government
Bureau of Meteorology



Severe Weather Warning 2 (as of 10:39am Wednesday)

11



- Abnormally high tides are forecast around the Gulf of Carpentaria coast, including the Torres Strait Islands.
- Water levels near HAT are possible around the time of high tide, exacerbated by large waves through parts of the northern Gulf and Torres Strait.
- Monsoonal squalls with damaging wind gusts up to 100km/hr also possible north of Weipa, particularly with thunderstorms.
- HAT may be exceeded again at the Weipa gauge this evening.
- Water levels are less likely to exceed HAT significantly from tomorrow.

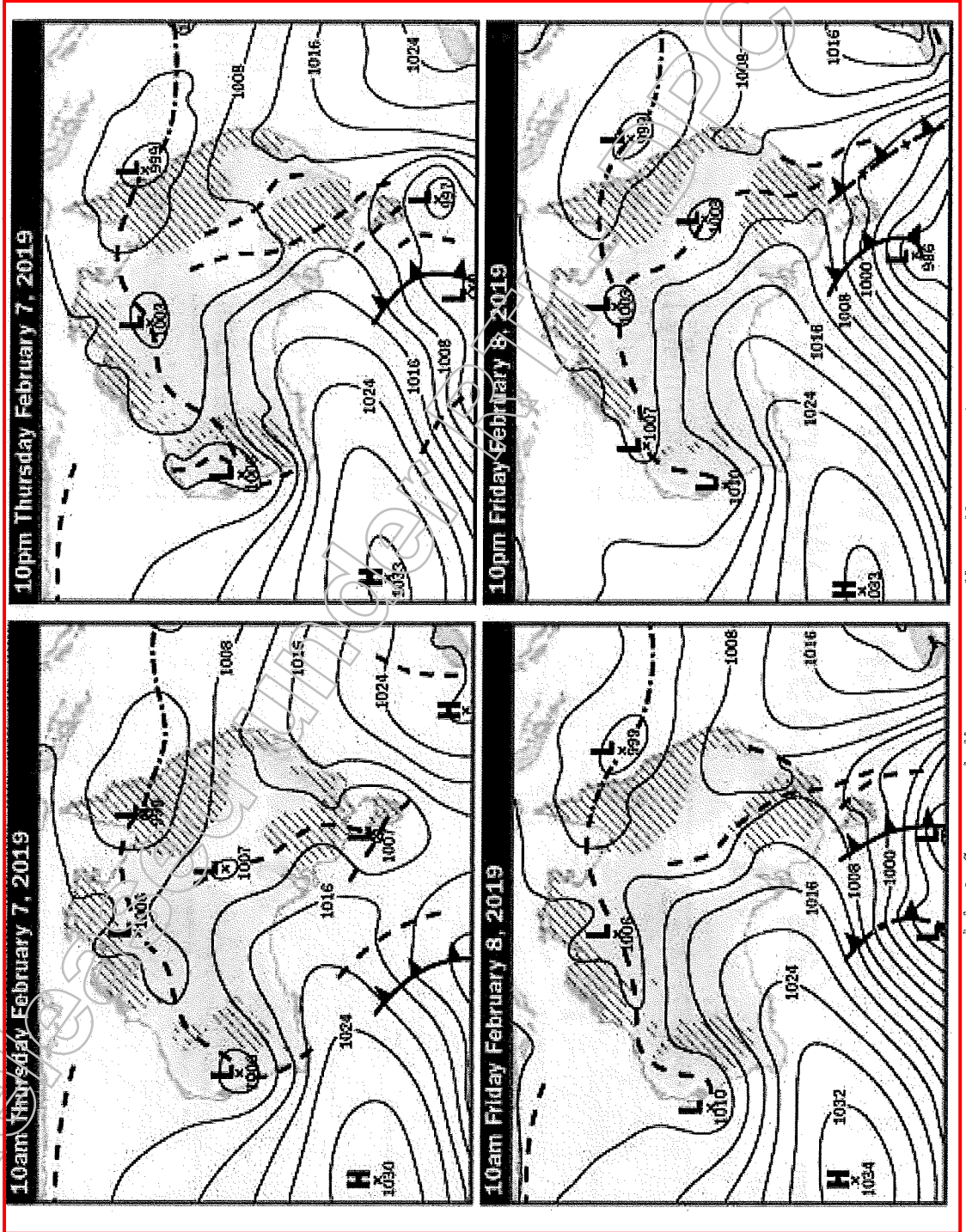
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Forecast conditions – MSLP



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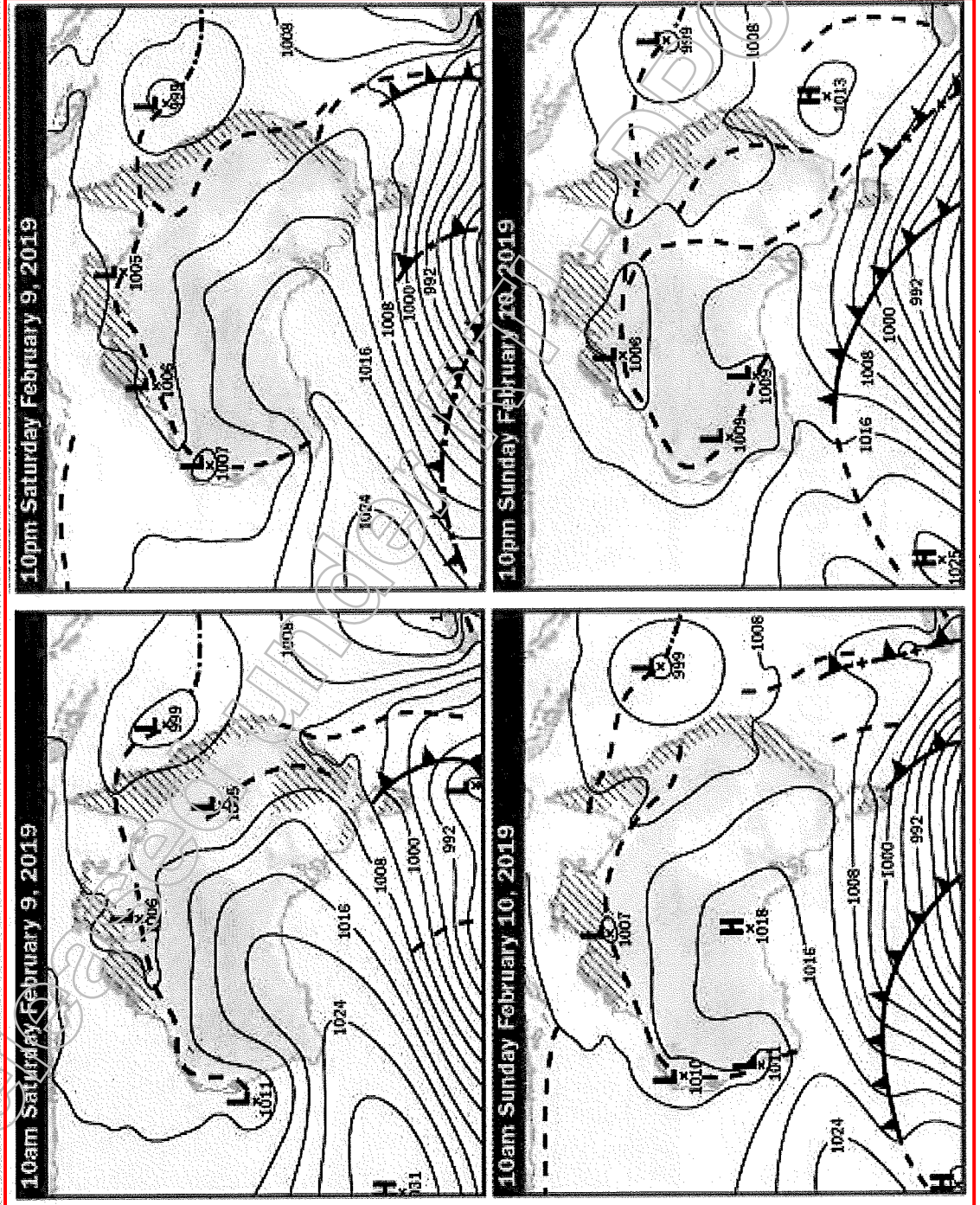
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Forecast conditions – MSLP



Australian Government
Bureau of Meteorology

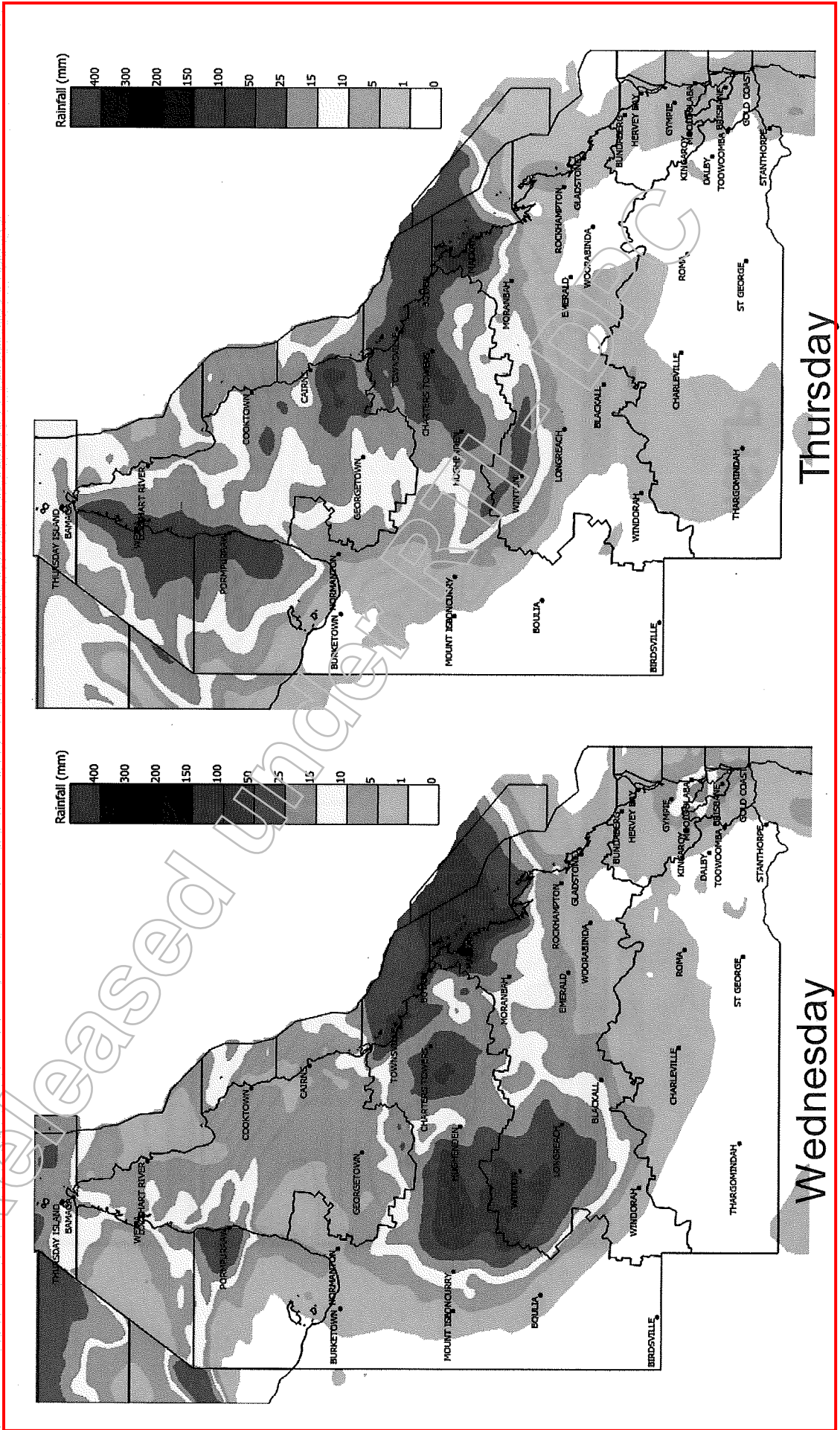


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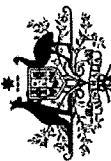
Forecast conditions – Rainfall (latest at 2:15pm Wednesday)



Thursday

Wednesday

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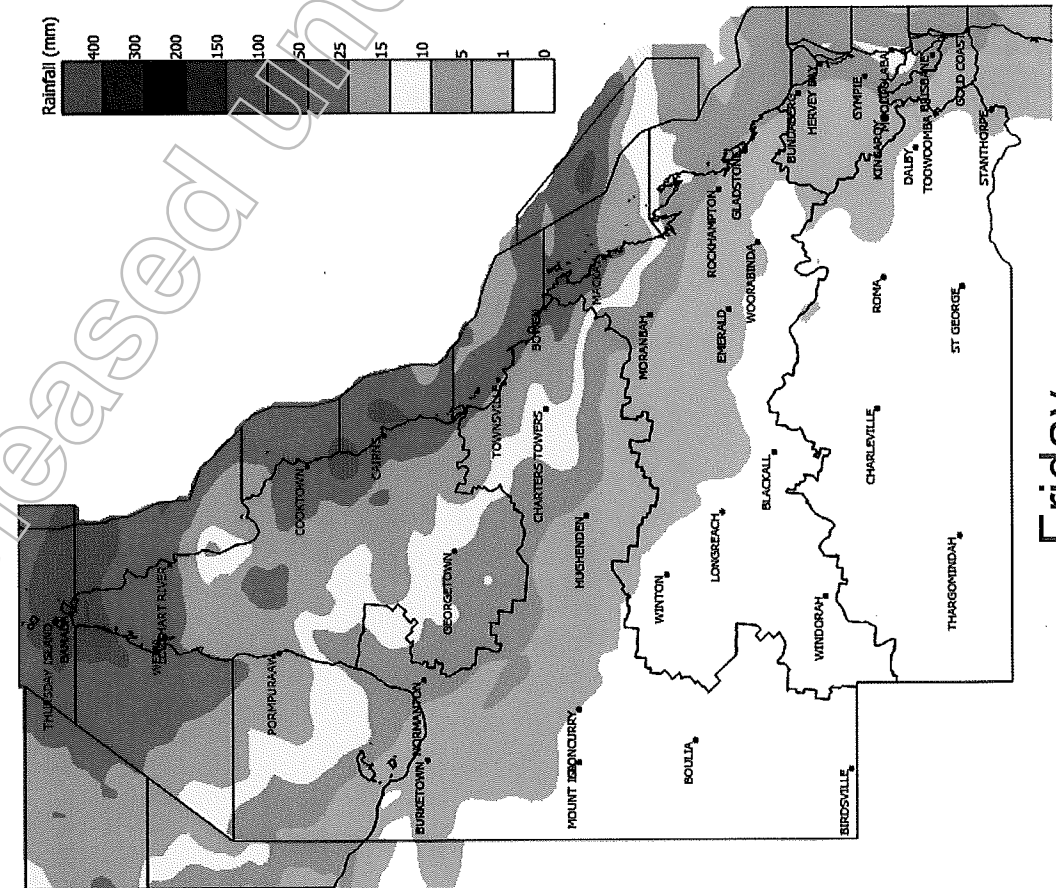


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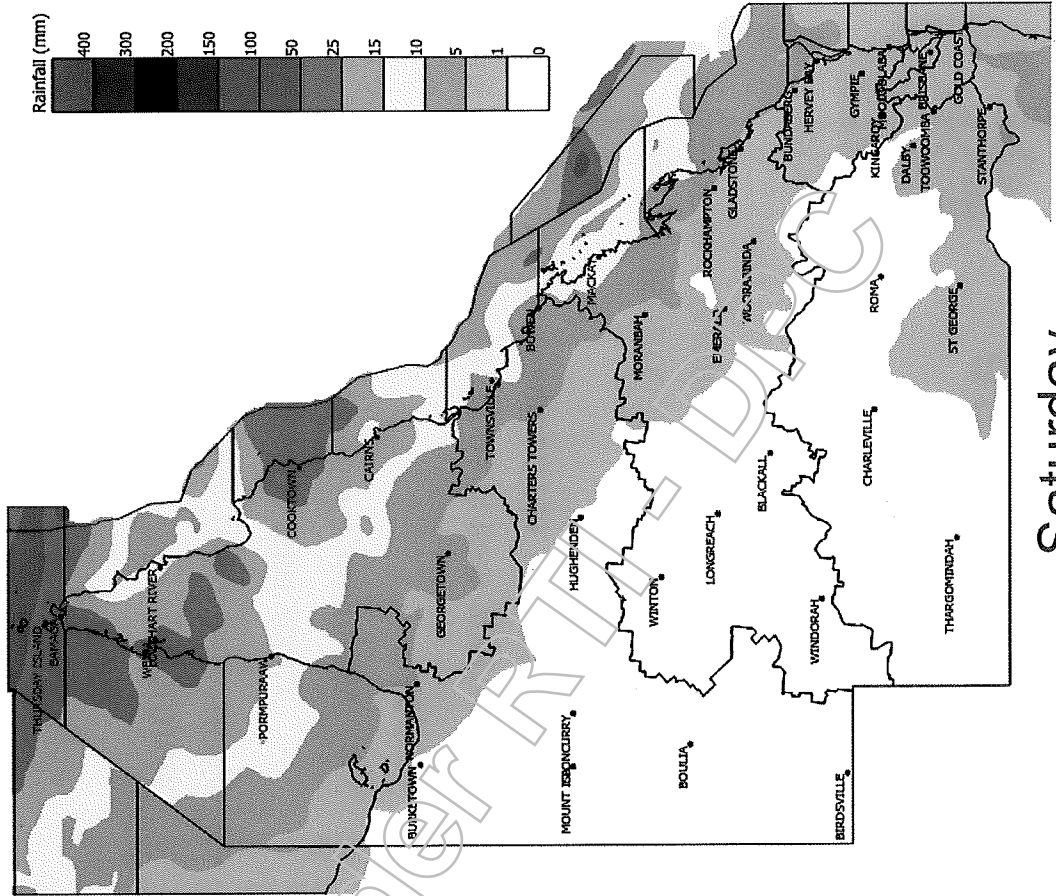


Forecast conditions – Rainfall (latest at 2:15pm Wednesday)

15



Friday



Saturday

Not for public or media dissemination

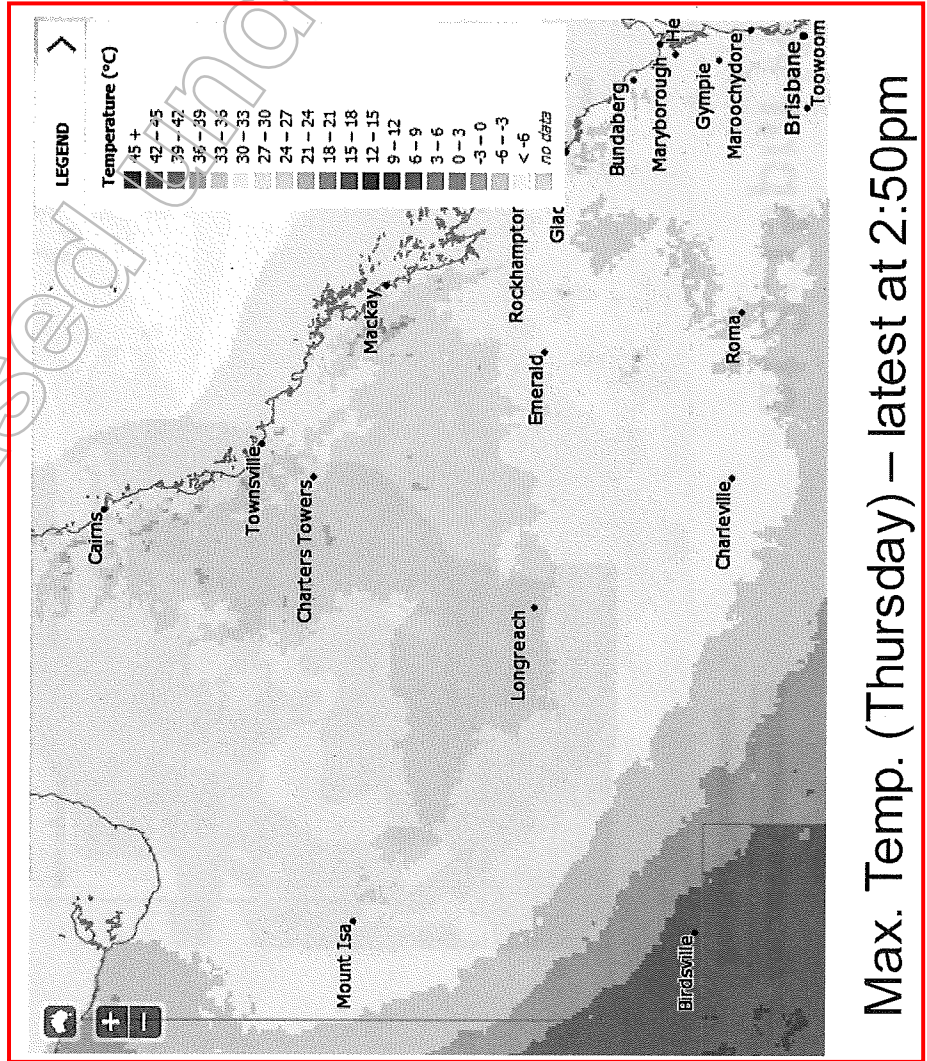


Australian Government
Bureau of Meteorology

Forecast Conditions – Temperature



- Thursday:
Cool and windy conditions expected again tomorrow across the northern interior, with forecasts...
 - Maximum temperatures of 25-30°C
 - Winds east to southeasterly 25 to 35 km/hr
- Friday:
 - Maximum temperature of 28-32°C
 - Winds east to southeasterly 20 to 30 km/hr
- From Saturday, conditions will become warmer:
 - Close to average maximum temperatures (in excess of 30°C)





Key messages

- **Major flood levels current for the Upper Burdekin, Haughton, Flinders, Cloncurry and Leichardt Rivers, Herbert and parts of the Diamantina.**
- Moderate flood warning for Ross, Bohle and Black Rivers, Lower Burdekin, Georgina and Isaac Rivers. Further flood warnings and flood watch also current. See www.bom.gov.au/qld/warnings/ for latest.
- For the eastern tropical coast and ranges between Ingham and Carmila, isolated falls of 150-200mm+ are considered possible until at least Friday.
- Through parts of the northwest interior, isolated falls of 60-120mm+ are considered possible for the next 12-24 hours.
- Abnormally high tides and damaging wind gusts are possible around the Gulf Country, Peninsula and Torres Strait Islands today.
- **Flash flooding and landslides remain a significant risk.**
- **We expect to see a significant improvement in weather conditions from Friday.**

State Update

Event	Active Monsoon Far North Queensland		
State Update No.	16	Report ID	R13321921
Report From	0800hrs on 06/02/2019	Report To	1600hrs on 06/02/2019
Distribution	QDMC, SDCG, affected DDMGs and LDMGs		

Weather

Overview

- A deep tropical low that lies on the monsoon trough over northwest Queensland is slow moving to the east and will continue to move in an easterly direction during the next few days.
- Areas between Bowen and Mackay are expected to be the focus for the heaviest rainfall in the next couple of days.
- **Heavy** falls with **possible local flash flooding** will persist about parts of the coast and adjacent inland between about Ingham and Mackay.
- Risk of **tidal inundation** around the Gulf Coast.
- Risk of **damaging monsoonal squalls** possible about northern Cape York Peninsula and the Torres Strait Islands.

Hydrology

- **Flood watch** for coastal catchments from Daintree to Mackay and Gulf of Carpentaria catchments.
- Widespread **moderate** to **major** flooding is expected in the flood watch area over the next few days.

Flood Warnings

- **Major** flood warning – Flinders River, Cloncurry River, Leichhardt River, Haughton River, Herbert River and Upper Burdekin River.
- **Moderate** flood warning – Lower Burdekin River (below Burdekin Falls dam), Isaac River catchment, Ross River, Bohle River and Black River.
- **Minor** flood warning – Norman River, Don River, Proserpine River, Georgina River, Tully and Murray River.
- **Flood warning** – Thomson River, Cooper Creek, Pioneer River, Nicholson River, Gregory River, Gilbert River, and Diamantina River.

Overview

Emergency Alert Campaigns

- 2 Campaign has been issued since 0800hrs on 06/02/2019
 - **Flood Warning** for Hinchinbrook LDMG for river rises in lower Herbert River.
 - **Flood Watch and Act** for Townsville LDMG for flash flood advice.



Current Status of Activations

State Activations SDCC – STAND UP

	DDMGs	LDMGs
Stand Up	Townsville	Burdekin, Charters Towers, Cloncurry, Flinders, Hinchinbrook, McKinlay, Richmond, Townsville
Lean Forward	Mount Isa	Carpentaria, Etheridge, Mount Isa, Palm Island, Wujal Wujal
Alert	Far North, Innisfail, Longreach, Mackay	Aurukun, Cairns, Cassowary Coast, Cook, Croydon, Douglas, Hope Vale, Mareeba, Mornington, Napranum, Northern Peninsula, Torres Strait, Weipa, Whitsunday, Winton, Yarrabah
Stand Down		

Disaster Declarations

DDMG	Declared	Expiration	Ended	Extension
Townsville	1745hrs on 31/01/2019	1745hrs on 14/02/2019		

People

Deaths Nil reported for this period.
 Missing Persons Nil reported for this period.
 Searches Nil reported for this period.

Evacuation Centres / Places of Refuge

<p>Released Under RTI</p>



Community Safety Summary

Queensland Police Service

Submitted By Supt Brian Connors Date / Time 06/02/2019 14:00hrs

- A total of **101** additional staff and **6** additional vehicles have been deployed to the Northern Region.
- A high profile policing presence is being maintained in and around impacted areas to ensure the safety and security of the community.

Queensland Fire and Emergency Services

Submitted By Debbie Bygate Date / Time 06/02/2019 14:01hrs

- SES has received more than **73** requests for assistance in the last 24 hours to 1400hrs today.
- Damage assessments between 25/1/19 to 1345hrs today,
 - **1099** properties have been inspected,
 - **508** of those are **damaged** properties of which **187** are deemed **uninhabitable**.
- Strategic planning being undertaken to support the recovery phase.
- Providing assistance with resupply activities across the community to support LDCC when requested.
- QFES Voluntary Community Educator's (VCE) are liaising with flood affected communities for welfare purposes and gathering information collaboratively with LGA recovery group partners. They will also assist with providing information to the home owners about post flood safety and information from Insurance providers about the repair and recovery program.

Queensland Ambulance Service

Submitted By Monica Farrow Date / Time 06/02/2019 13:38hrs

- The Central West Local Ambulance Coordination Centre(LACC) has moved to **Alert**.
- Assets from the ADF are assisting QAS to access the community of Townsville.

Health Summary

Queensland Health

Submitted By Brenda Patane Date / Time 06/02/2019 13:57hrs

- McKinlay Shire MPHS continues to have **no** landline phones. Technician deployed to attempt reconnection.
- **3** patients presented to Mackay Base ED overnight (5/2/19) after being rescued from a car washed into a creek. All patients stable.
- Cases of gastroenteritis at evacuation centre are being monitored by Tropical Public Health Unit.

Power and Water Summary



Transport Summary



Released under RTI - DPC





Communications and Information Technology Summary



Released under RTI - DPC



Human / Social Summary

Department of Communities, Disability Services and Seniors

Submitted By James Parker Date / Time 06/02/2019 13:46hrs

- EHA grants from Cook Shire will close at midnight tomorrow (07/02). Closure is supported by council.
- A Pop-up Recovery Hub will be open today from 9:00am to 2:30pm in Cook Shire Council at the Bloomfield Library, 24 Third Street, Ayton.
- **13,649** applications have been received for emergency hardship assistance.
- **8,872** calls to the Community Recovery Hotline to date.

Department of Education

Submitted By Dave Sheedy Date / Time 06/02/2019 13:58hrs

- School Closures as at 1400hrs
 - 44 State Schools
 - 9 Catholic and Independent schools
 - 79 Early Childhood Early Care Centres.

Department of Housing and Public Works

Submitted By Kaelene Clarke Date / Time 06/02/2019 14:42hrs

- 57 applications have been received for emergency housing assistance.
- Transportation has been provided to support identified vulnerable people to exit evacuation centres.
- Outreach teams are visiting evacuation centres and Community Recovery Hub highlighting the availability of emergency housing assistance options.
- **12,337** disaster related calls have been taken by SSQ since 30/01/19.
- The www.qld.gov.au/Alerts webpage has received traffic of **29,796** page views since 30/01/19.
- QSS continues to support the payment of Personal Hardship Grants on behalf of Community Recovery with 3 additional payment runs each day.
- Get Started Vouchers were released today by Sport and Recreation. HPW guarantees enough vouchers will be available for applicants in flood affected areas.
- The third Building Recovery Group meeting is planned for this afternoon to continue pre-planning for recovery.

Environmental Summary

Department of Environment and Science

Submitted By Brydn McDonnell Date / Time 06/02/2019 14:01hrs

- Ingham and Lourama DES offices are **closed** until further notice. All other DES offices are **open**.
- A number of national parks in the affected areas have been **closed** or **partially closed**. Park alerts are in place that detail all closures and relevant visitor information online.
- DES is currently working with Townsville City Council to assist in their recovery planning for the natural environment.

State Update 16 for Active Monsoon FNQ as at 1600hrs on 06/02/2019

- Areas of environment recovery focus are being identified as the threats and impacts to the environment (and the infrastructure that supports access and protection of it) are being quantified.

Department of Natural Resources, Mines and Energy

Submitted By Garrett Geoghegan Date / Time 06/02/2019 13:44hrs

- DNRME offices have partially **opened** in Townsville today
- 3 Petroleum and Gas Inspectors located in Townsville area and available to respond to any gas related issues.
- **Copperfield River Gorge Dam** and **Corella Dam** continue to spill with EAPs at **Lean Forward**. Both remain closed to public access.
- **Crooks Dam** continues spilling - no concerns.
- No issues with power generation in Queensland.
- No impacts reported to fuel terminals in the Townsville region - no reports of shortages of bulk fuel supply.

Sunwater

Submitted By Michael Hughes Date / Time 06/02/2019 13:46hrs

- EAPs active for 7 dams – Burdekin Falls, Eungella, Julius, Kinchant, Ross River, Teemburra and Tinaroo Falls
- Operational releases from Kinchant Dam into the outlet channel continue, but reduced to 1300ML/day.
- **Burdekin Falls Dam** water levels are **rising**, currently at **188%** capacity.
- **Tinaroo Falls Dam** water levels are **rising**, currently at **103.5%** capacity.
- **Eungella Dam** water levels are **rising**, currently at **106.2%** capacity.
- **Ross River Dam** - lake level is steady. Current dam capacity is **192%** which is **2.96m** over spillway. Water level is **41.54m** with an **outflow** of **815m³/s** (at 1115hrs). Manual gate operations continue- gates open to 3.25m.

Economic Summary

Department of State Development, Manufacturing, Infrastructure and Planning

Submitted By Vicki Battaglia Date / Time 04/02/2019 15:10hrs

- The Economic Recovery Group has **stood up** and will be meeting via teleconference at 1300hrs tomorrow with the Minister in attendance.
- Focussed on recovery and have linked into the TCC local recovery planning process.
- DSDMIP and DESBT will work collaboratively to ensure small business impacts are captured as soon as it is safe to do so.

Department of Agriculture and Fisheries

Submitted By Janine Waldock Date / Time 06/02/2019 13:42hrs

- Staff will be at the Community Recovery Hub in Townsville Thursday 7 February 2019 to provide advice and assistance to primary producers.
- Property impact assessments have commenced. Over 40 assessments have occurred to date.
- Reports of stock losses in the hundreds on a number of properties in the North West Shires.
- Significant flooding has impacted on farm infrastructure, fields and paddocks and has caused washouts of plant crops, in particular sugar cane.

Other Agencies Summary



Approval

- Prepared** Senior Sergeant Tonya Graham – Operations.
- Endorsed** Inspector Paul Fogg – Operations Coordinator.
- Approved** Superintendent Shane Holmes – Commander.
- Next Report** The next State Update will be issued at 0800hrs on 07/02/2019.

Key Messaging

Report Time

06/02/2019 17:00

Report ID

R13316821

Event

Active Monsoon Far Northern Queensland - January 2019

Key Messaging

- A deep tropical low that lies on the monsoon trough over northwest Queensland is slow moving to the east and will continue to move in an easterly direction during the next few days. Areas between Bowen and Mackay are expected to be the focus for the heaviest rainfall in the next couple of days. Heavy falls with possible local flash flooding will persist about parts of the coast and adjacent inland between about Ingham and Mackay. Risk of tidal inundation around the Gulf Coast. Risk of damaging monsoonal squalls possible about northern Cape York Peninsula and the Torres Strait Islands.
- The spillway gates at the Ross River Dam were opened on Sunday 3 February and releases are expected to continue, but will be scaled back when water levels have reduced.
- Residents are being urged to evacuate when instructed to do so and take appropriate action to ensure their safety and the safety of their family.
- Register.Find.Reunite is a Red Cross service allowing you to register to let people know you are safe. For more information, visit register.redcross.org.au. There have been of 1,280 registrations, 214 enquiries and 13 re-union matches confirmed.
- People can still seek shelter at centres in, Heatley, North Shore and Youth With A Mission in Townsville City. For evacuation centre details, go to: www.disaster.townsville.qld.gov.au.
- For the latest weather warnings and conditions, visit www.bom.gov.au. Emergency Alerts are current for areas across the region. Stay tuned to your local radio and follow the Queensland Police Service on social media for updates.
- For key road closures and to keep up-to-date with conditions, visit www.gldtraffic.qld.gov.au.
- The Premier's Disaster Relief Appeal announced a \$200,000 financial contribution to non-government organisation partners - The Australian Red Cross Society, UnitingCare, Salvation Army and St Vincent de Paul Society Queensland.
- People who are distressed or experiencing hardship due to the flooding can contact the Community Recovery Hotline on 1800 173 349. As at 2pm today (6 February), more than 8800 calls had been received by the Hotline.

Sub Issue

Safety

- Shifting into the response phase, 150 Queensland Fire and Emergency Services have been deployed around the state, with an additional 120 requests to support efforts in the north.
- Ready Reserves have been deployed, and will continue to be deployed, to affected areas, including Townsville.



Key Messaging

- QPS District Disaster Coordinators continue to work with Mayors and Local Disaster Management Groups to respond to the severe weather across north Queensland.
- Additional police have been deployed to Townsville to assist local resources.
- The State Emergency Service (SES) received more than 73 requests for assistance in the 24 hours to 2pm today, with most in the Townsville area for flood assistance and structural damage.
- Stay tuned to your local radio and follow QPS on social media for updates.
- 47 Emergency Alerts have been issued to residents due to this severe weather event. Most of these alerts have been issued for Townsville and surrounding areas.
- Never drive, walk or ride through floodwater and always beware of fallen trees and power lines.
- For damage and flood assistance contact the SES on 132 500 or log a job using the SES Assistance app. In a life-threatening emergency call Triple Zero (000).

Transport



Closure of schools/universities/colleges/public facilities

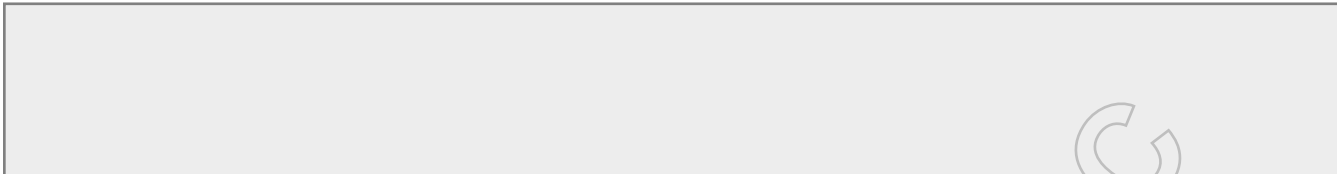


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Key Messaging

Communications



Health

- The Townsville Hospital is open and offering all emergency services for those who need care.
- Allied health clinics, fracture clinics and post-operative orthopaedic clinics will resume on 6 February.
- Paediatric and obstetric outpatient clinics are open and routine endoscopy procedures are continuing.
- Routine surgical clinics remain cancelled; however, priority surgical patients are being contacted by the hospital and asked to attend their appointments
- Mosquitos carrying diseases like dengue fever might be more common after a natural disaster so be sure to cover up with long and loose clothing, and use insect repellent.
- Be Crocwise and if you see a crocodile, please report it as soon as possible to DES on 1300 130 372.
- If you see a snake, don't attempt to catch or remove it. Contact a local licensed snake removalist if you need assistance.
- If you have lost power, the food in your fridges and freezers could have been impacted. Keep fridge and freezer doors closed for as long as possible – the food in a closed fridge can be kept for up to four hours and freezer food for up to 24 hours.
- Throw out flood damaged foods. When it comes to food safety, always remember that if in doubt, throw it out. Don't drink flood water or tank water which may have been contaminated by flood water.
- During this time, looking after yourself, your family and your friends is essential. You can seek help from Life-line (13 11 14) or by calling the Mental health access line on 1300 MH CALL (1300 642255) 24 hours a day, 7 days a week.
- For mental health support for babies and young children visit Birdie's Tree: <https://www.childrens.health.qld.gov.au/natural-disaster-recovery/>
- If you're at risk of being isolated by floodwaters, ensure you have an appropriate first aid kit and enough medication in the event you cannot reach a pharmacy or doctor.
- If you can't travel safely to your nearest health service provider and you are worried about your health, please call 13 HEALTH (13 43 25 84) to get non-urgent medical advice from a registered nurse 24/7.
- If you are in a life-threatening situation or emergency, please call '000'.

General health advice

- It's very important that residents avoid activities like swimming, diving, surfing, kite surfing and jet skiing until local councils can confirm that water quality is safe again.
- Wear protective clothing like boots and gloves if you're cleaning up in flood-affected areas, and disinfect household surfaces that have come into contact with floodwater.
- Try to avoid contact with mud and dirt, and wash your hands thoroughly before eating and after touching pets that might have come into contact with water or soil.
- If you receive a cut or scrape during the clean-up, treat it with antiseptic and cover with protective dressing immediately. If the skin around cuts becomes red or sore, see your doctor. If you sustain a wound and are unsure when your last tetanus vaccination was, seek medical attention immediately. Vaccination is the best way to protect against tetanus.

Key Messaging

- Mosquitos carrying diseases like dengue fever might be more common after a natural disaster so be sure to cover up with long and loose clothing, and use insect repellent.
- You can seek help from Lifeline (13 11 14) or by calling the Mental health access line on 1300 MH CALL (1300 642255) 24 hours a day, 7 days a week.
- For mental health support for babies and young children visit Birdie's Tree:
<https://www.childrens.health.qld.gov.au/natural-disaster-recovery/>.

Community recovery

- Community Recovery Hubs have been established in Townsville. There are four evacuation centres open in Heatley, Burdell, Annandale and Townsville.
- A pop-up Community Recovery Hub has opened at the Bloomfield Library, 24 Third St, Ayton today (6 Feb)
- Almost 200 ready reserves are working on community recovery.
- GIVIT has received 14,814 items equalling \$15,380 in donations of food vouchers, goods and services in its virtual warehouse.
- Residents affected by severe weather and flooding in Townsville can call Legal Aid Queensland on 1300 004 924 for free legal information and advice. They also have facts sheets and other resources at www.legalaid.qld.gov.au
- We will convene an Economic Recovery Group (ERG) on Thursday, featuring members from local peak industry groups, local councils and relevant state and commonwealth agencies to coordinate economic recovery activities and provide advice to the Queensland Government.
- Small businesses are encouraged to complete the North Queensland monsoon event survey at www.business.qld.gov.au

Funding assistance

- The Disaster Recovery Funding Arrangements (DRFA) has been activated for 16 councils as at 3pm on 6 February, the councils are:
 - Burdekin
 - Cairns
 - Charters Towers
 - Cloncurry
 - Cook
 - Croydon
 - Douglas
 - Etheridge
 - Hinchinbrook
 - Hope Vale
 - McKinlay
 - Palm Island
 - Richmond
 - Townsville
 - Whitsunday
 - and Wujal;
 - The following assistance has been activated:
- Personal Hardship Assistance Scheme (PHAS) and

Key Messaging

- Essential Services Safety and Reconnection Scheme (ESSRS) for:
 - Townsville City Council
 - Palm Island Aboriginal Shire Council
 - And limited areas of:
 - Burdekin Shire Council
 - Charters Towers Shire Council
 - Cook Shire Council
 - Douglas Shire Council
 - Wujal
 - Restoration of Essential Public Assets
 - Counter Disaster Operations
 - Cook Shire Council
 - Douglas Shire Council
 - Wujal Aboriginal Shire Council
 - Burdekin Shire Council
 - Hope Vale Aboriginal Shire Council
 - Cairns Regional Council
 - Whitsunday Regional Council
 - Townsville City Council
 - Palm Island Aboriginal Shire Council
 - Charters Towers Regional Council
 - Richmond Shire Council
 - Cloncurry Shire Council
 - Croydon Shire Council
 - Etheridge Shire Council
 - Hinchinbrook Shire Council
 - McKinlay Shire Council
- Emergency Hardship Assistance (EHA) grants help cover the costs of essential items, such as food and clothing, for people directly impacted by this disaster. These grants, of up to \$180 per person, to a maximum of \$900 for a family of five or more, are available to people experiencing genuine financial hardship as a result of this weather event.
- QRA will work with the Commonwealth to ensure any requests for disaster assistance are assessed and actioned quickly.
- Financial assistance under the joint Commonwealth/State Disaster Recovery Funding Arrangements (DRFA) - including Emergency Hardship Assistance grants - and support services are available to residents affected by flooding in
 - Townsville City Council local government area;
 - Charters Towers Regional Council: Hervey Range.
 - Cook Shire Council: Bloomfield (including Ayton); Rossville (including Shiptons Flat).
 - Burdekin Shire Council: Barratta; Cromarty; Giru; Horseshoe Lagoon; Jerona; Mount Surround; Shirbourne; Upper Haughton and Majors Creek (Burdekin Shire only – not Townsville).
 - Douglas Shire Council: Daintree; Upper Daintree; Lower Daintree, Degarra; Stewart Creek Valley and other targeted locations.
 - Palm Island Aboriginal Shire Council; and



Key Messaging

- Wujal Aboriginal Shire Council (only Essential Household Contents Grants are available now).

Housing



Agriculture



Electrical safety

- Make sure you know where to turn off your power, gas and water supply in an emergency.
- If you've lost power, turn off your power points and unplug electrical equipment.
- If you've lost power, contact your local electrical supplier who should be able to advise when power will be re-connected.
- Don't touch a damaged switchboard. Stay away from switchboards if they are damaged by water, fire or lightning and warn others to do the same.
- Customers who have had their switchboard or homes inundated will require inspection by a licenced electrical contractor prior to their individual reconnection, including solar panels. Information can be found at <https://fswqap.worksafe.qld.gov.au/elis/>.
- Stay away from fallen powerlines. Report any fallen, low or damaged lines to the emergency services or your local electricity supplier.
- Stay clear of electrical signs, street lights, electrical cables, foil insulation or other conductive material that may be lying around your house.
- Carbon monoxide poisoning is a real risk for people in the vicinity of a petrol-powered generator or pump if these are used in an enclosed area.
- Make sure generators and pumps are situated in well-ventilated areas, preferably outside.
- Only connect a generator to your home through a change-over switch and socket, never through a PowerPoint on any of your existing circuits.

Electrical appliances

- Using water-damaged equipment can result in electric shocks and fires.
- Dispose of or have a licensed electrical contractor repair water-affected household electrical items, such as kettles, toasters and televisions.
- Have a licensed electrical contractor check all hard-wired electrical appliances, such as air-conditioning units or stoves, intended for re-use. This safety check may be required before the power supply can be reconnected.

Solar PV systems

- Shut down your solar PV system using the safe isolation procedure.
- If your solar PV system has been damaged in a flood, storm or cyclone you need to have an electrical contractor inspect the system and check it is safe.

Tourist information

- If you are holidaying or intending to travel to a destination affected by a disaster, contact your holiday accommodation manager or travel provider.
- If you are directly affected, act immediately on advice provided. Have essential items ready to go (important documents, essential medication, battery powered radio/torch, water, first aid kit and small amount of cash).
- Tourists can use Evacuation Centres, which are a last resort and provide basic amenities.
- Information for tourists and tourism operators about responding to natural disasters can be found online at: www.ditid.qld.gov.au/tourism/tourism-planning.

Key Messaging

Insurance advice

- The Insurance Council of Australia National Hotline (1800 734 621) is activated to answer any questions regarding insurance or the claims process and has significant access to insurance companies to escalate any problems
- Disasters.org.au is the key site for general insurance information.
- Individuals wishing to make a claim or with questions about their policy should contact their own insurance company directly.

Dams

- The following dams have emergency action plans – Burdekin Falls (188% capacity), Eungella (106% capacity), Julius, Kinchant, Ross River (192% capacity), Teemburra and Tinaroo Falls (104% capacity).

Beach

- Beach erosion is a natural process and, even after a major event, sand movement will rebuild eroded beaches over time.
- If the erosion presents an immediate risk to people, infrastructure or property, Councils have the authority to undertake works to restore the beach to a safe state.

Hot Issues

If asked question

- Response

Approval

Prepared	Brione Sargent - Coordinator	06/02/2019 17:37
Endorsed	Brione Sargent - Coordinator	06/02/2019 17:37
Approved	Joanne Morgan - Staff Officer	06/02/2019 17:38



Australian Government
Bureau of Meteorology



Severe Weather Briefing

Thursday, 7th February 2019





Key messages



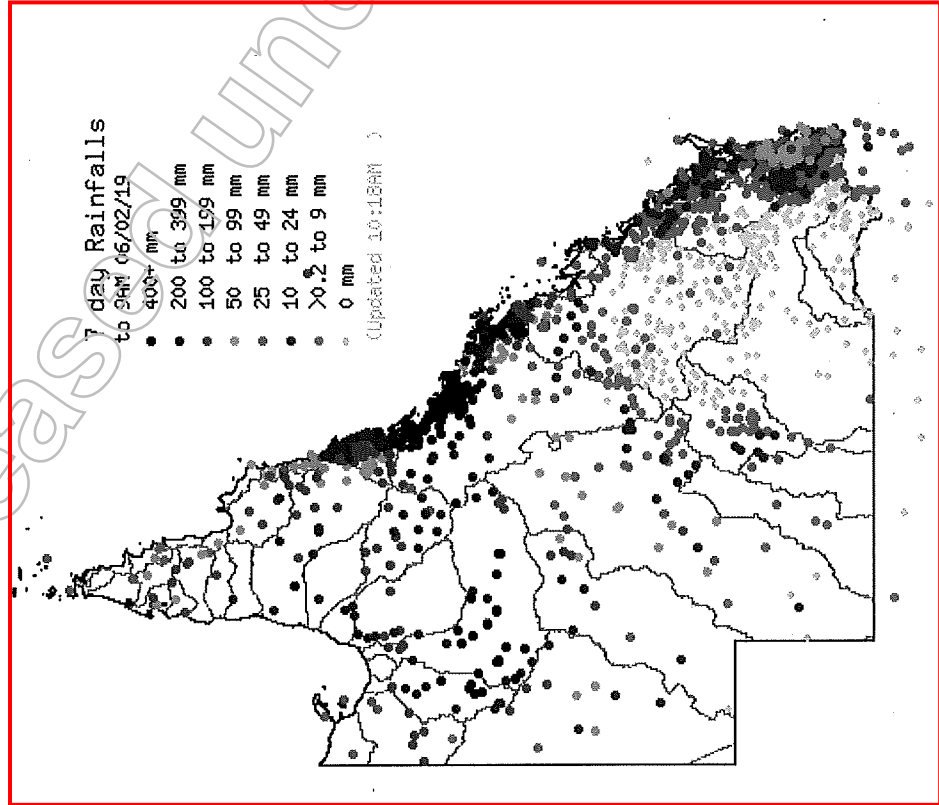
- Severe Weather Warnings have been cancelled for north Queensland.
- **However, heavy rain and locally damaging winds remain a risk with any thunderstorms that may occur today.**
- **Flash flooding remains a risk today.** Rivers and creeks are likely to respond quickly to any further heavy rain.
- The severe weather risk across north Queensland is expected to decrease over the weekend.
- Flood Warnings continue for a numerous catchments across Queensland (**record flood level from 1974 exceeded at Richmond**).
- River levels at Aplin Weir are slowly lowering, though may remain above the Moderate flood level into the weekend.

Recent conditions – Rainfall



Selected rainfall totals in the 7 days to 9am AEST Wednesday:

- 1741mm at Upper Bluewater
- 1121mm at Townsville Airport (average annual rainfall is 1127.9mm)
- 510mm at Julia Creek (average annual rainfall is 436.4mm!)
- 477mm at Richmond (average annual rainfall is 443.2mm!)
- 474mm at Cloncurry
- 249mm at Mount Isa



Not for public or media dissemination

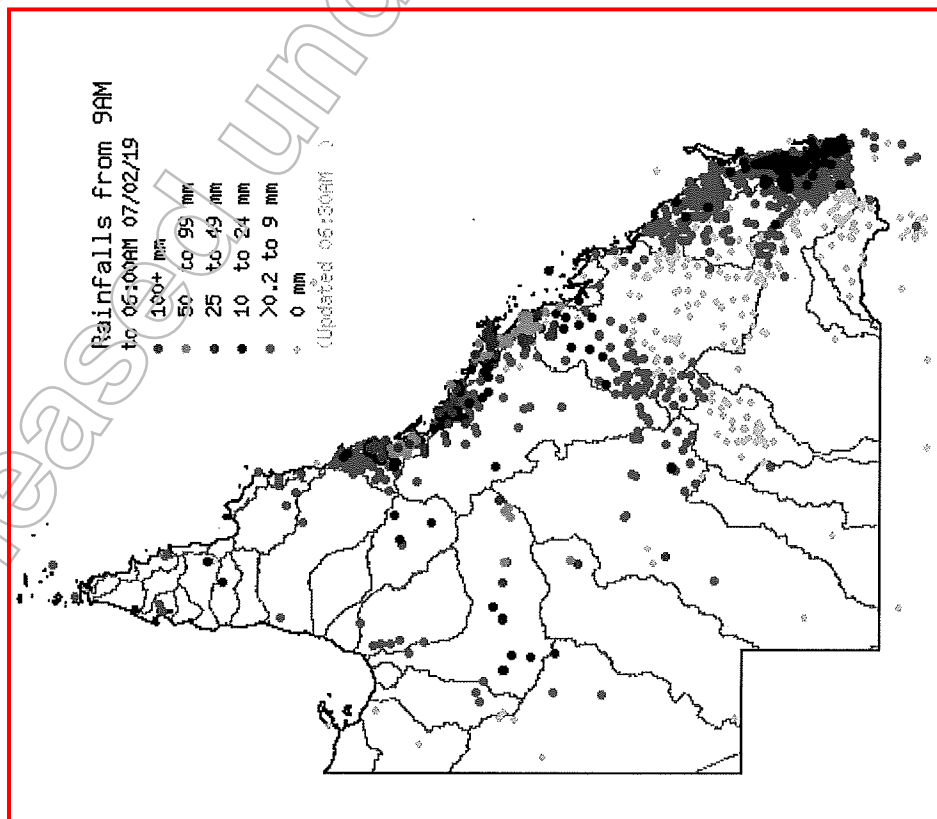


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Recent conditions – Rainfall



4



Selected rainfall totals between 9am AEST Wednesday and 6am AEST Thursday:

- 239mm at Michael Creek
- 222.2mm at Upper Stone
- 187 mm at Rollingstone
- 150mm at Eungella
- 146mm at Richmond
- 125mm at Townsville Airport

Not for public or media dissemination



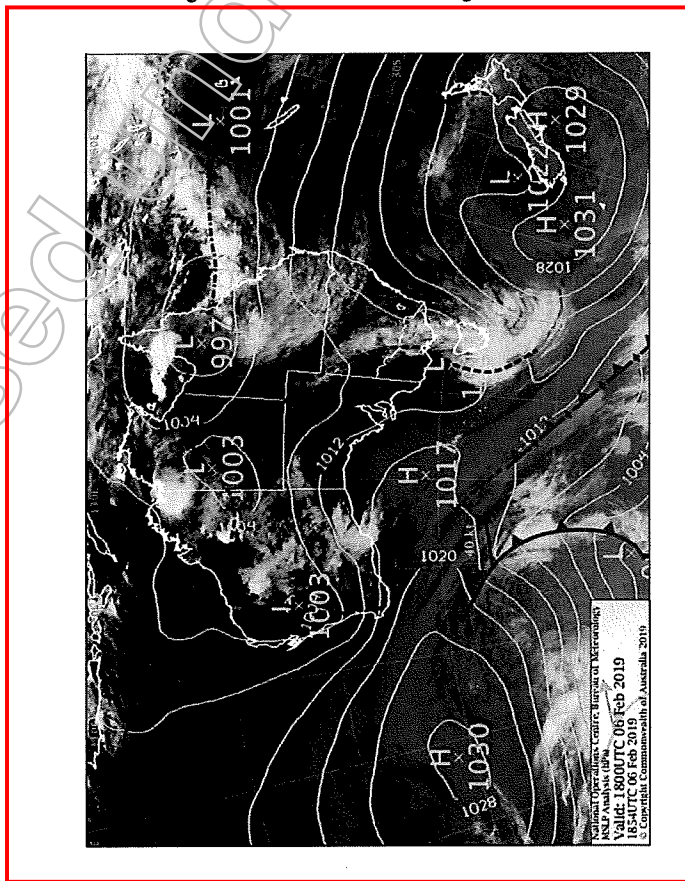
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Current situation - Satellite



5

- The monsoon trough continues to extend across north Queensland, between about Ingham and Normanton.
- A tropical low is situated along the monsoon trough, over the northwest interior of Queensland.
- The monsoon trough is forecast to shift slowly northwards during Friday.

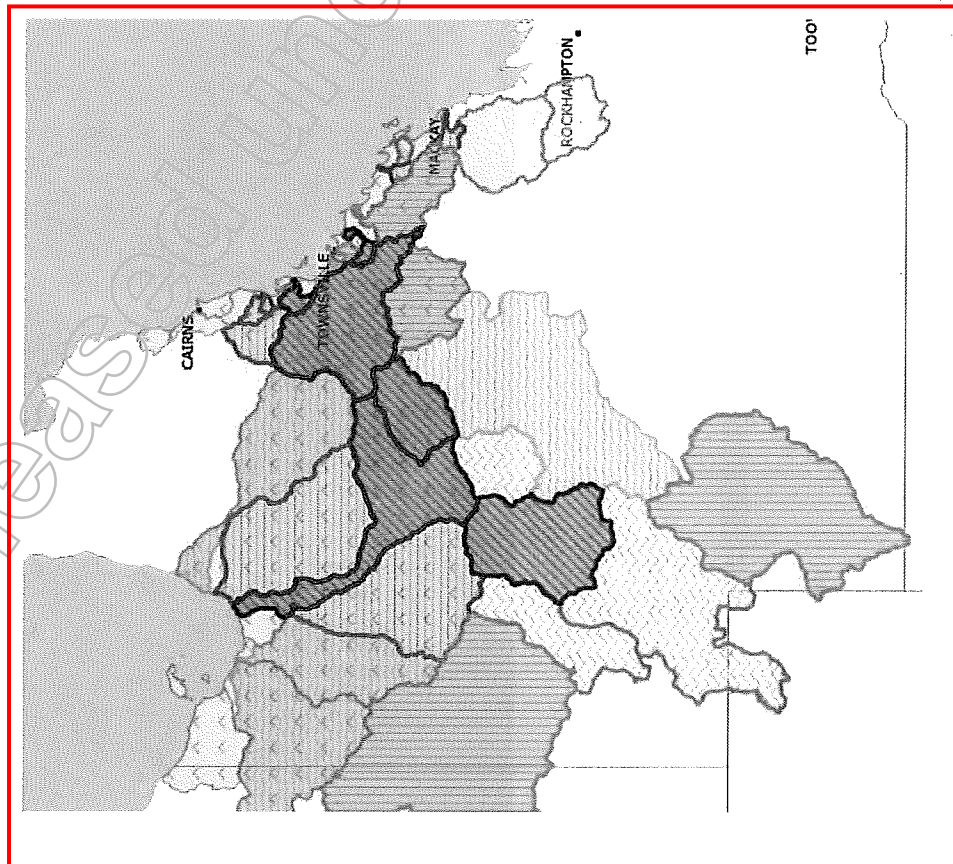


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Current Flood Watches/Warnings (as of 5:42am Thursday)



- Major for the Flinders and Leichardt Rivers (**record flood level from 1974 exceeded at Richmond**).
- Major for the Haughton River.
- Major for the Herbert River.
- Major for the Upper Burdekin River and Moderate for the Lower Burdekin River below Burdekin Falls Dam.
- Minor to Moderate for various other catchments.
- Flood Watch for coastal catchments from Daintree to Mackay and the Gulf of Carpentaria catchments.

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Forecast Scenario – Aplin Weir



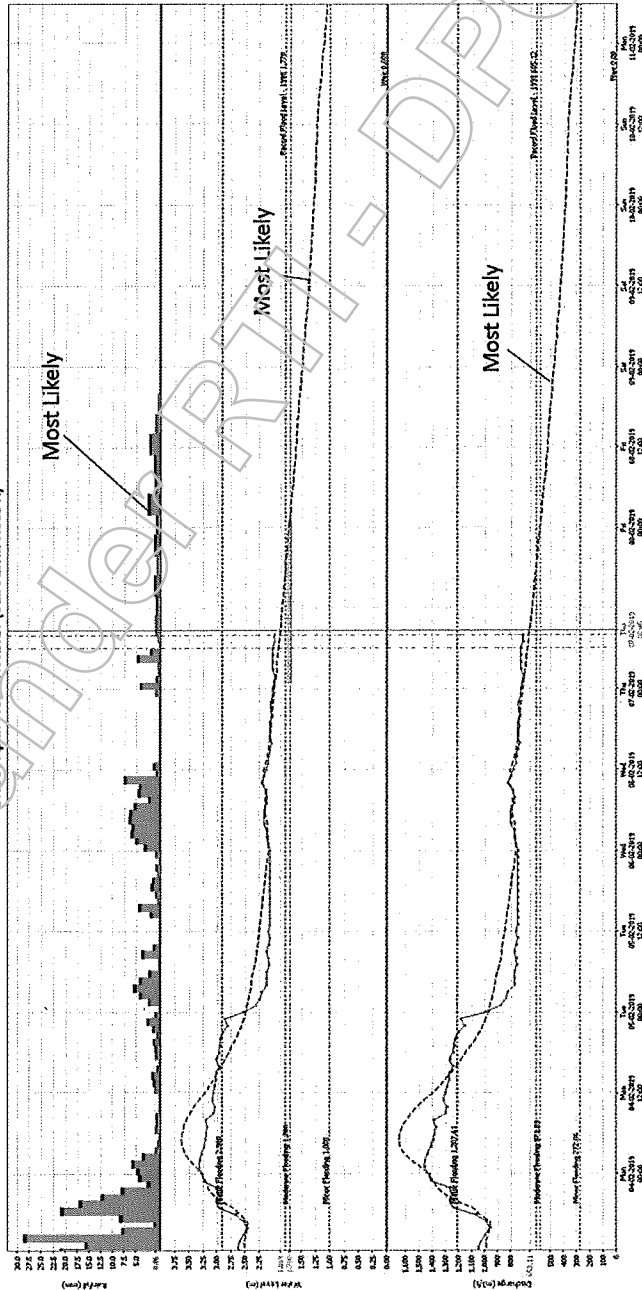
Forecast Scenario as @ 0700 hours Thursday 07/02/2019

Most likely rainfall scenario: 25% probability scenario from latest forecasts available in MetEye.

The recession is likely to occur slower than modelled, due to model factors including rating curves, dam releases and model parameters being calibrated for the rising limb. The river level at Aplin Weir may remain above the moderate flood level into the weekend.

NB: Modelled peak flows at Aplin Weir, matched well with the outflow from the Ross River Dam late Sunday. Attenuation and breakouts of flow between Ross River Dam and Aplin Weir, as well as manual dam operators account for the difference in recorded and modelled flows and this is currently being investigated by Townsville City Council.

URBS: Aplin Weir - H532829 (Sub-Catch: Ross R)



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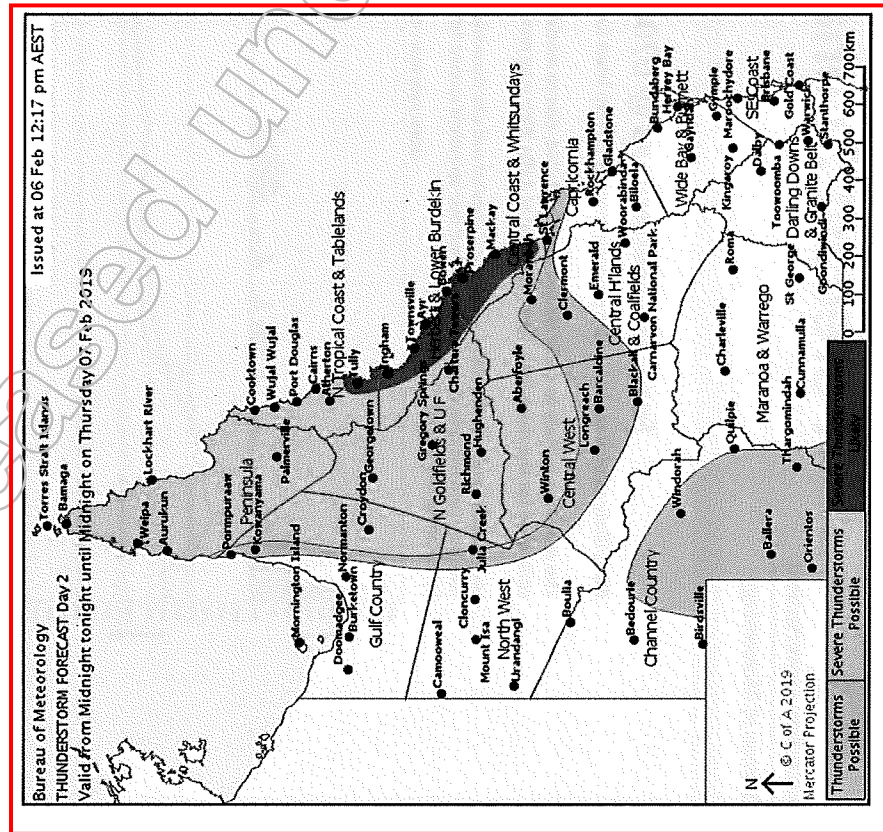
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Thunderstorm Forecast - today



8

- Severe Weather Warnings have been cancelled for north Queensland.
- However, heavy rain and locally damaging winds remain a risk with any thunderstorms that may occur today.
- Severe Thunderstorm Warnings will be issued as necessary.
- **Flash flooding remains a risk today.** Rivers and creeks are likely to respond quickly to any further heavy rain.

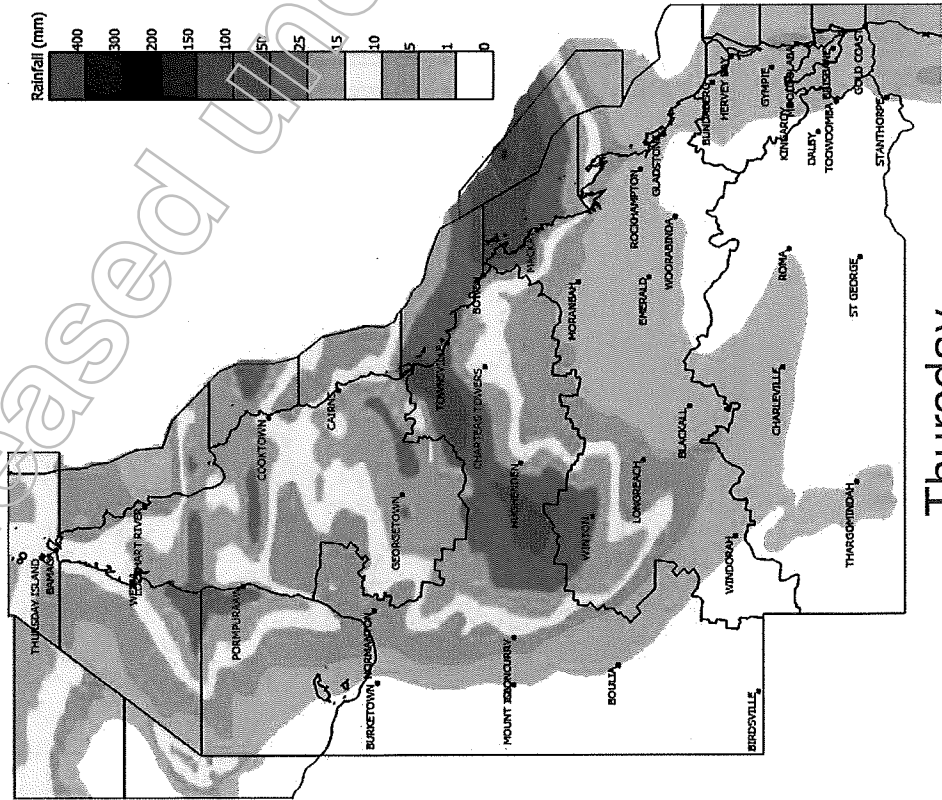


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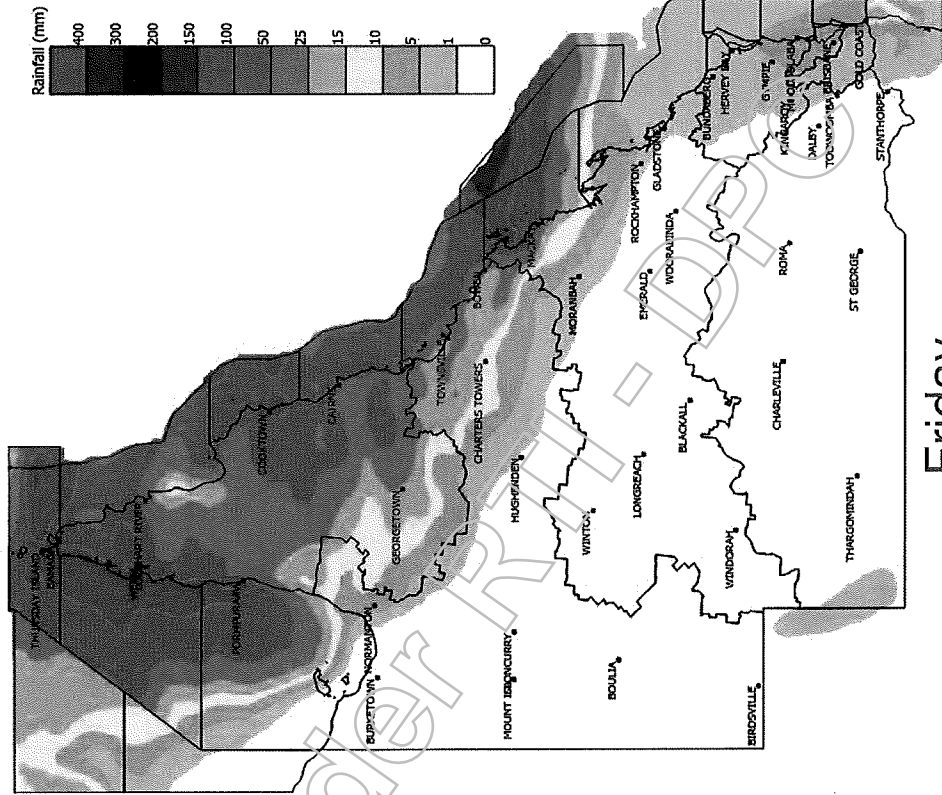


Forecast conditions – Rainfall (latest at 7:00am Thursday)

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Thursday



Friday

Note: there is a 25% chance during the 24 hour period of getting the stated amount in the images, higher rainfall is possible

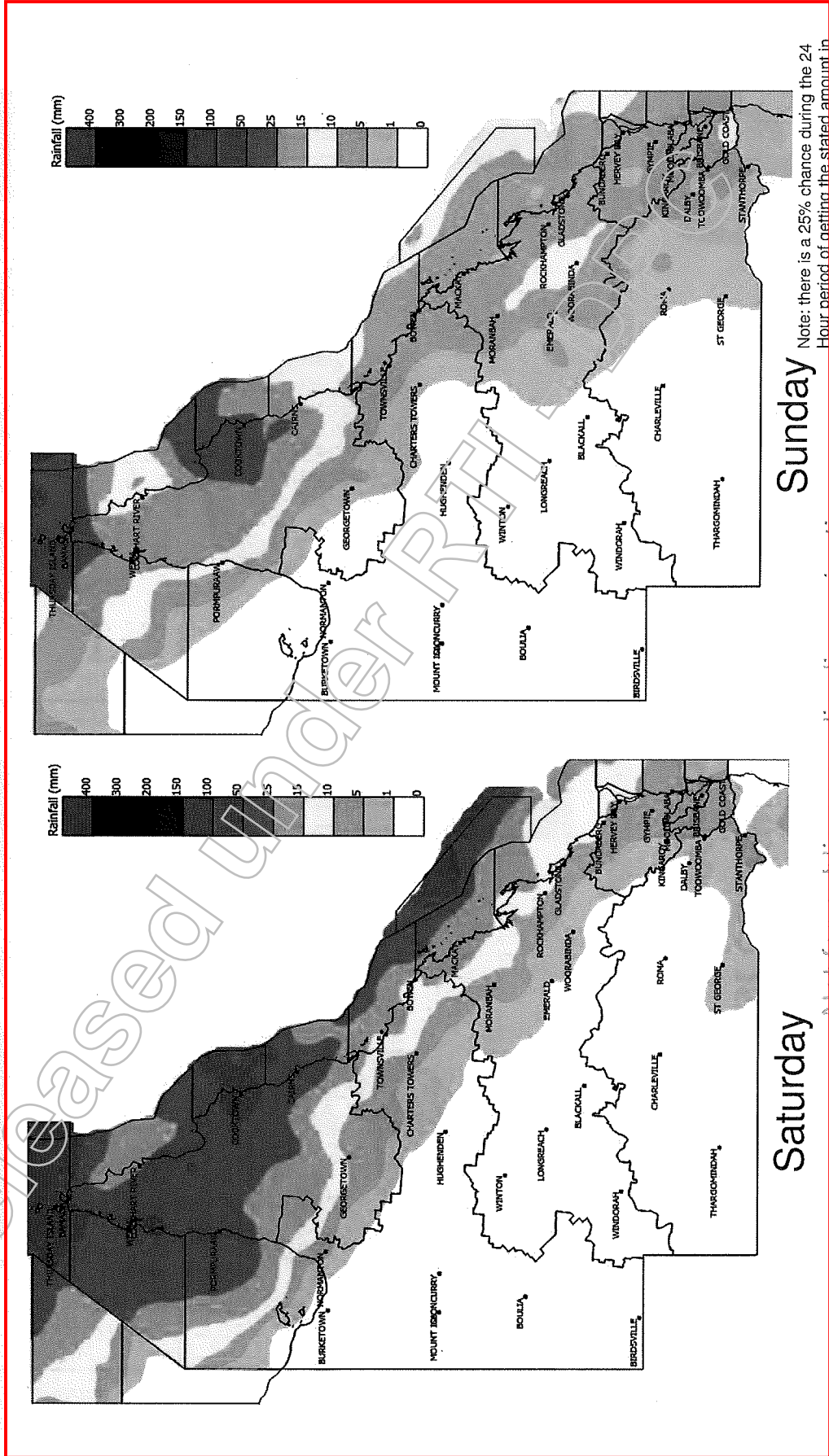
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Forecast conditions – Rainfall (latest at 7:00am Thursday)



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Severe Weather Briefing – PM update

Thursday, 7th February 2019





Key messages



- Severe Weather Warnings have been cancelled for north Queensland.
- **However, heavy rain and locally damaging winds remain a risk with any thunderstorms that may occur today and during Friday.**
- **Flash flooding remains a risk today and during Friday.** Rivers and creeks are likely to respond quickly to any further heavy rain.
- The severe weather risk across north Queensland is expected to decrease over the weekend.
- Flood Warnings continue for numerous catchments across Queensland (**record flood level from 1974 exceeded at Richmond**).
- River levels at Aplin Weir are slowly lowering, though may remain above the Moderate flood level into the weekend.

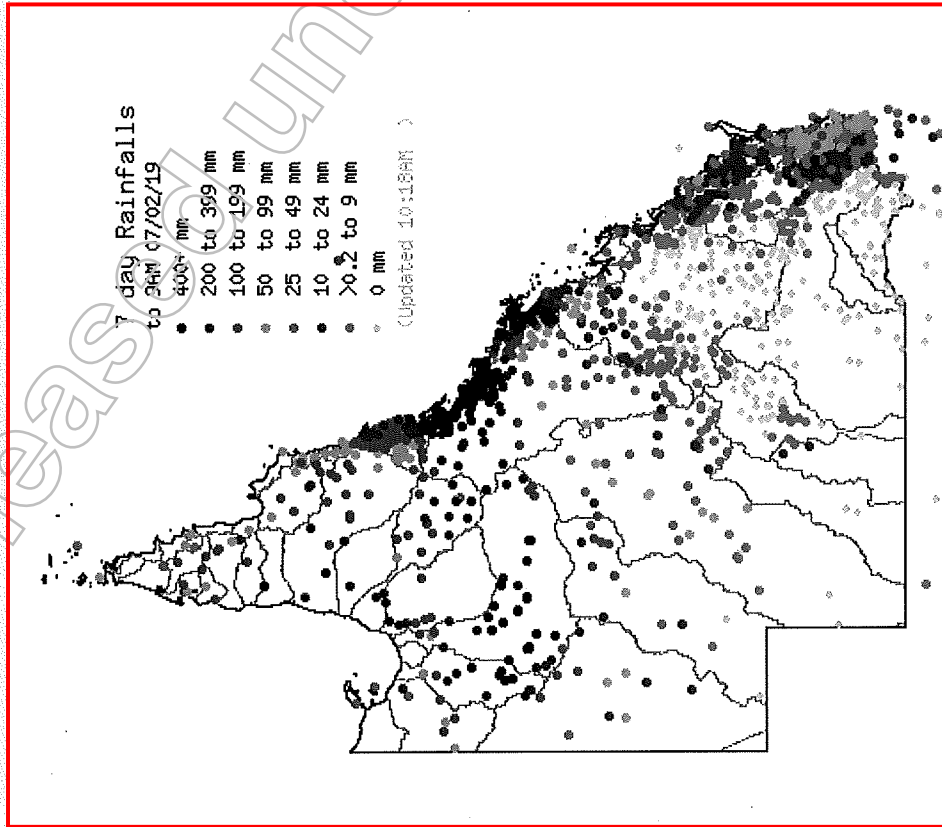


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Recent conditions – Rainfall



3



Selected rainfall totals in the 7 days to 9am AEST Thursday:

- 480mm at Julia Creek (average annual rainfall is 436.4mm!)
- 498mm at Richmond (average annual rainfall is 443.2mm!)
- 477mm at Cloncurry

So far, it has been the wettest February on record at:

- Richmond (records since 1890)
- Julia Creek (records since 1913)
- Cloncurry (records since 1940)

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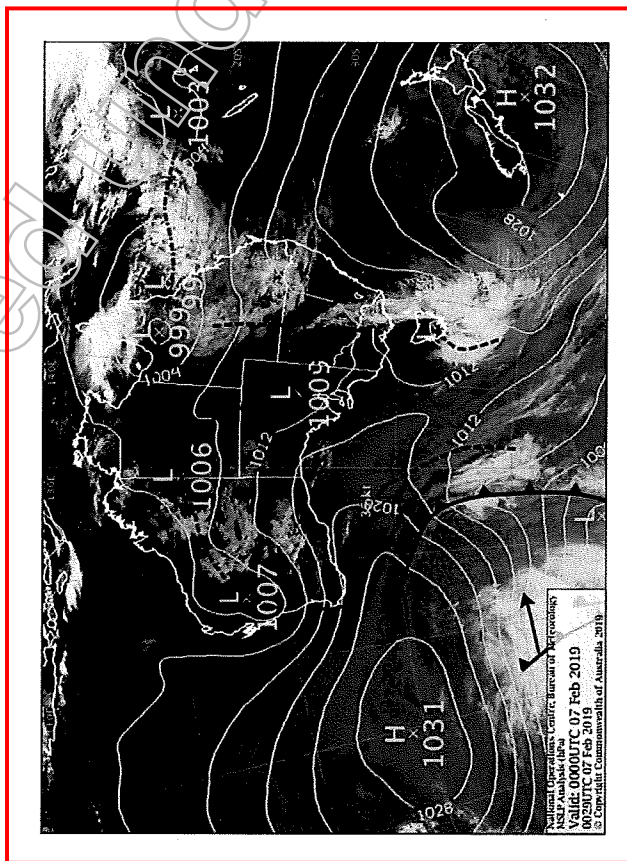
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Current situation - Satellite



4

- The monsoon trough continues to extend across north Queensland, between about Ingham and Normanton.
- A tropical low is situated along the monsoon trough, over the northern interior of Queensland.
- The monsoon trough is forecast to shift slowly northwards during Friday.



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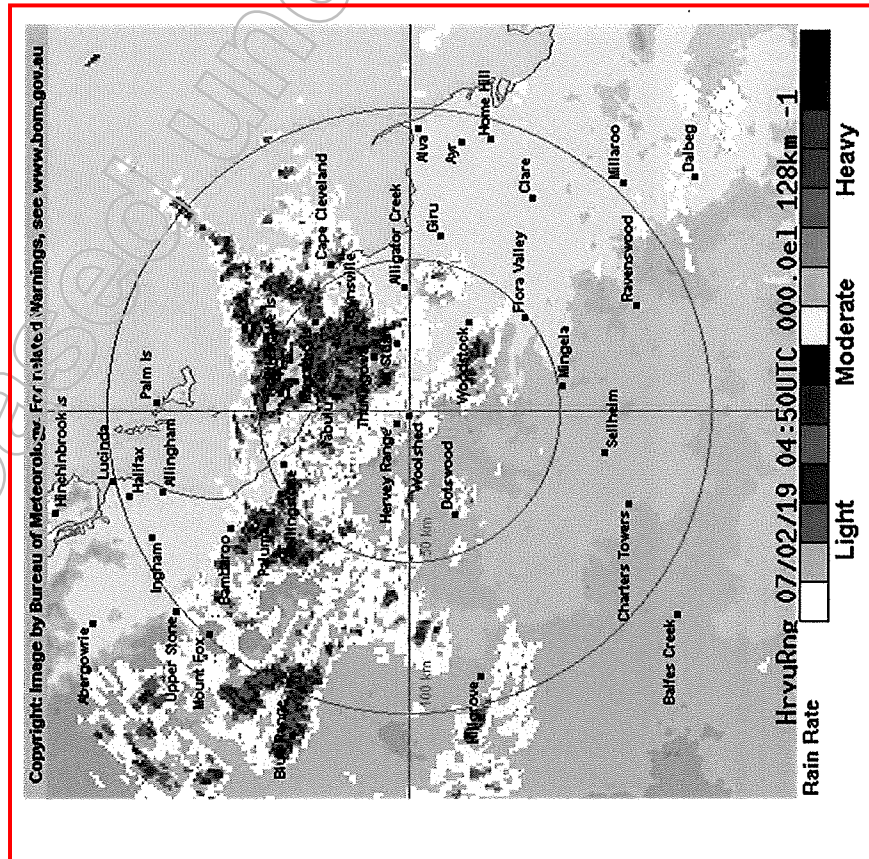
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Current situation - Rainfall



5

- A band of rain is now evident on radar between about Ingham and Townsville.
- Rainfall in the 3 hours to 2:50pm AEST Thursday:
 - 69mm at Nelly Bay (Magnetic Island)
 - 57mm at Bushland Beach
- **This area is being closely monitored and Severe Thunderstorm Warnings may be issued for the area during this afternoon.**



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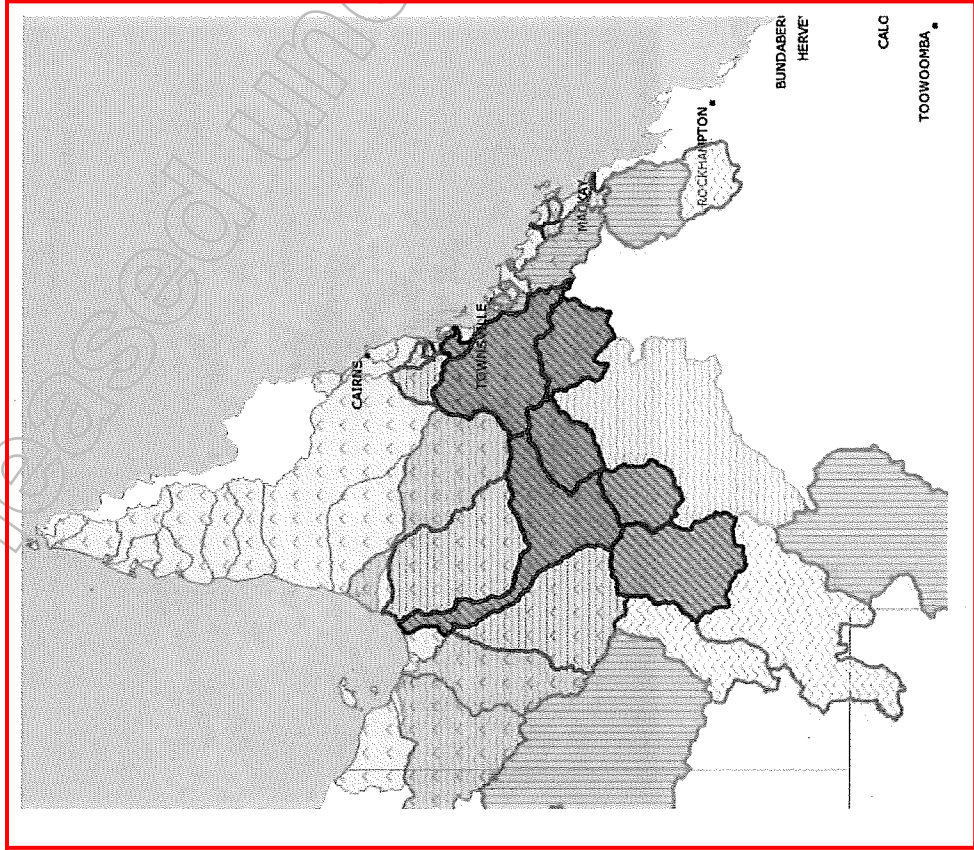


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Current Flood Watches/Warnings (as of 11:18am AEST Thursday)



6



- Major for the Flinders and Leichardt Rivers (record flood level from 1974 exceeded at Richmond).
- Major for the Herbert River.
- Major for the Upper Burdekin River and Moderate for the Lower Burdekin River below Burdekin Falls Dam.
- Major for the Western River.
- Minor to Moderate for various other catchments.
- Flood Watch for coastal catchments from Daintree to Mackay, western Cape York Peninsula and the Gulf of Carpentaria catchments.

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Forecast Scenario – Aplin Weir

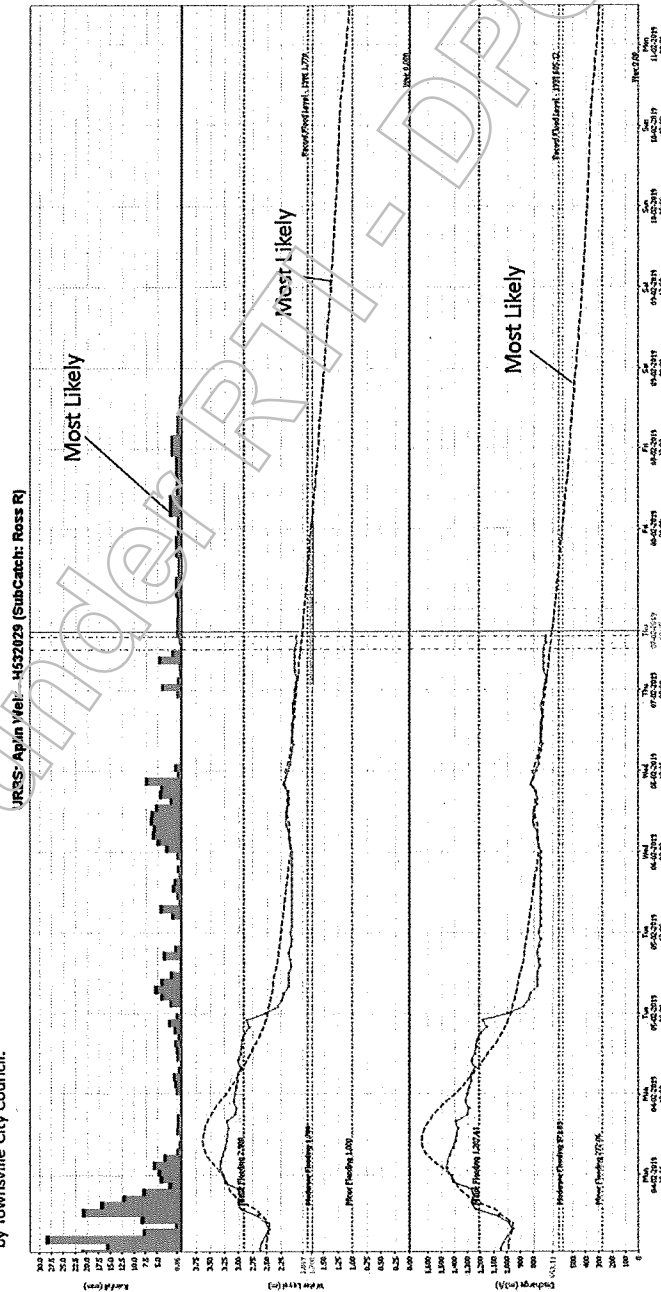


Forecast Scenario as @ 0700 hours Thursday 07/02/2019

Most likely rainfall scenario: 25% probability scenario from latest forecasts available in MetEye.

The recession is likely to occur slower than modelled, due to model factors including rating curves, dam releases and model parameters being calibrated for the rising limb. The river level at Aplin Weir may remain above the moderate flood level into the weekend.

NB: Modelled peak flows at Aplin Weir matched well with the outflow from the Ross River Dam late Sunday. Attenuation and breakouts of flow between Ross River Dam and Aplin Weir, as well as manual dam operators account for the difference in recorded and modelled flows and this is currently being investigated by Townsville City Council.



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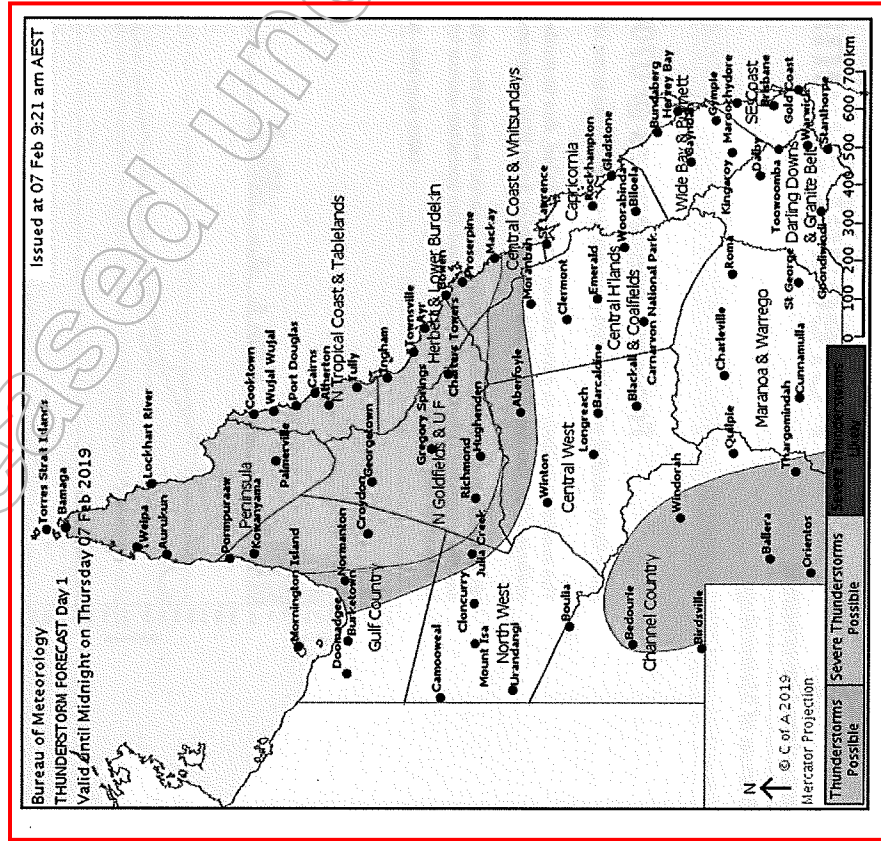
Bureau of Meteorology

Thunderstorm Forecast - today



8

- Severe Weather Warnings have been cancelled for north Queensland.
- However, isolated areas of heavy rain and damaging winds remain a risk with any thunderstorms that may occur today.
- Severe Thunderstorm Warnings will be issued as necessary.
- Flash flooding remains a risk today. Rivers and creeks are likely to respond quickly to any further heavy rain.



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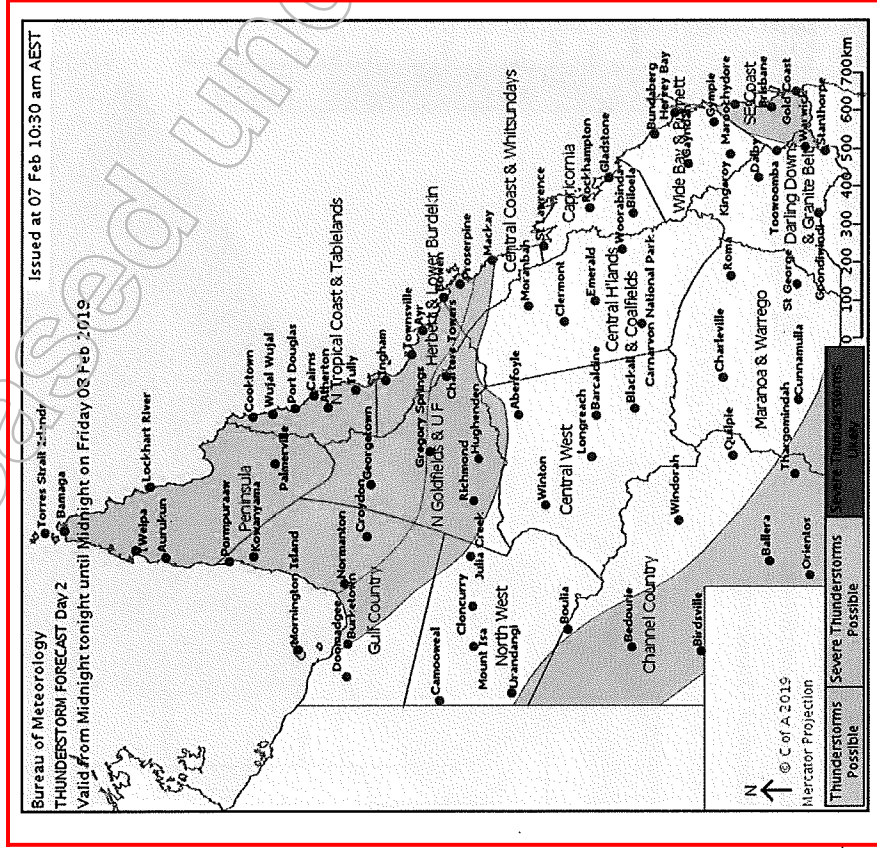


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Thunderstorm Forecast - Friday



- Isolated areas of heavy rain and damaging winds remain a risk with any thunderstorms that may occur across north Queensland on Friday.
- The risk of heavy rain should shift northwards during the day and may affect locations such as Cairns and the Daintree.
- Severe Thunderstorm Warnings will be issued as necessary.
- Localised flash flooding remains a risk.



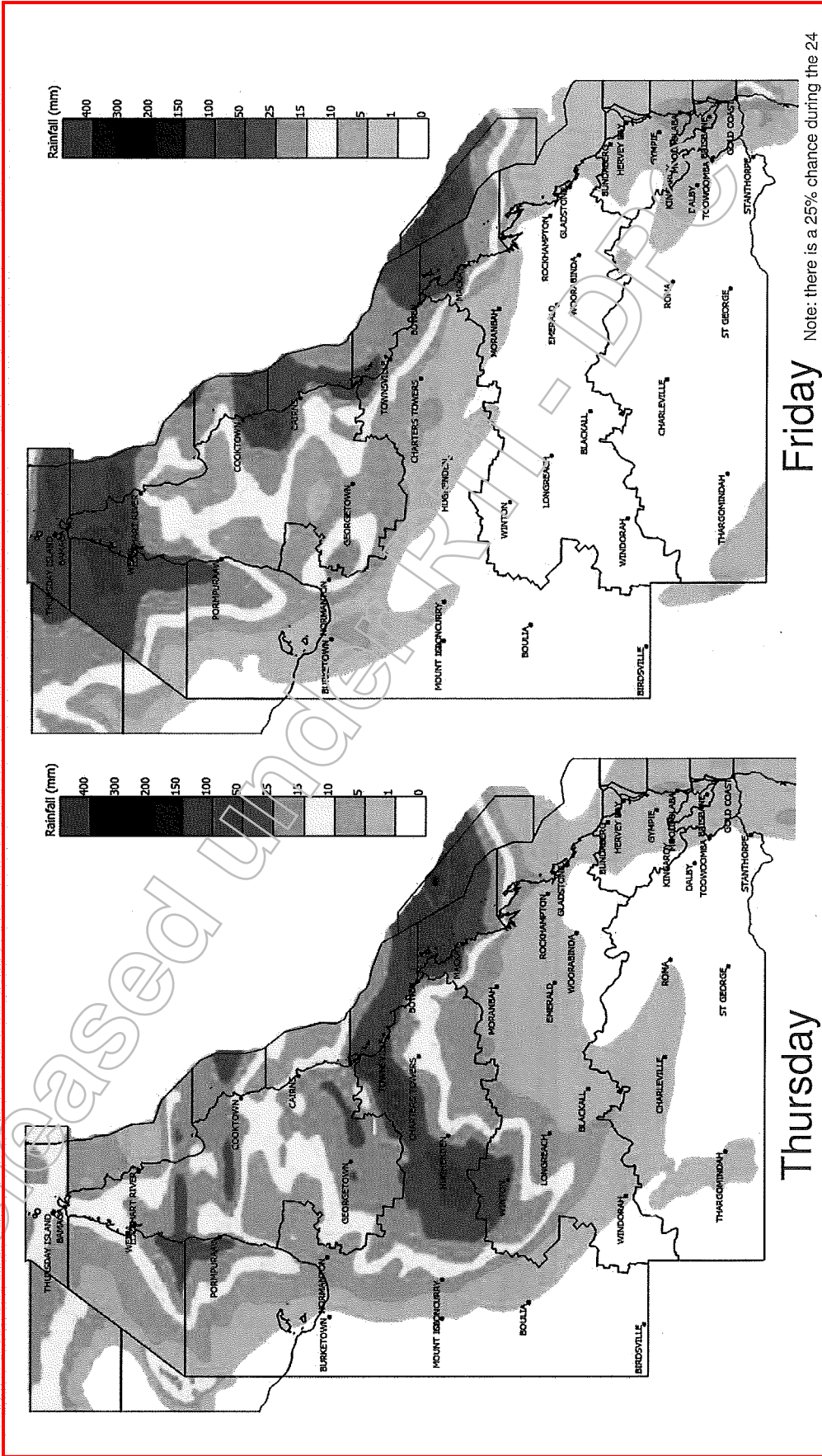
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Forecast conditions – Rainfall (as of 2:00pm AEST Thursday)



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Friday

Thursday

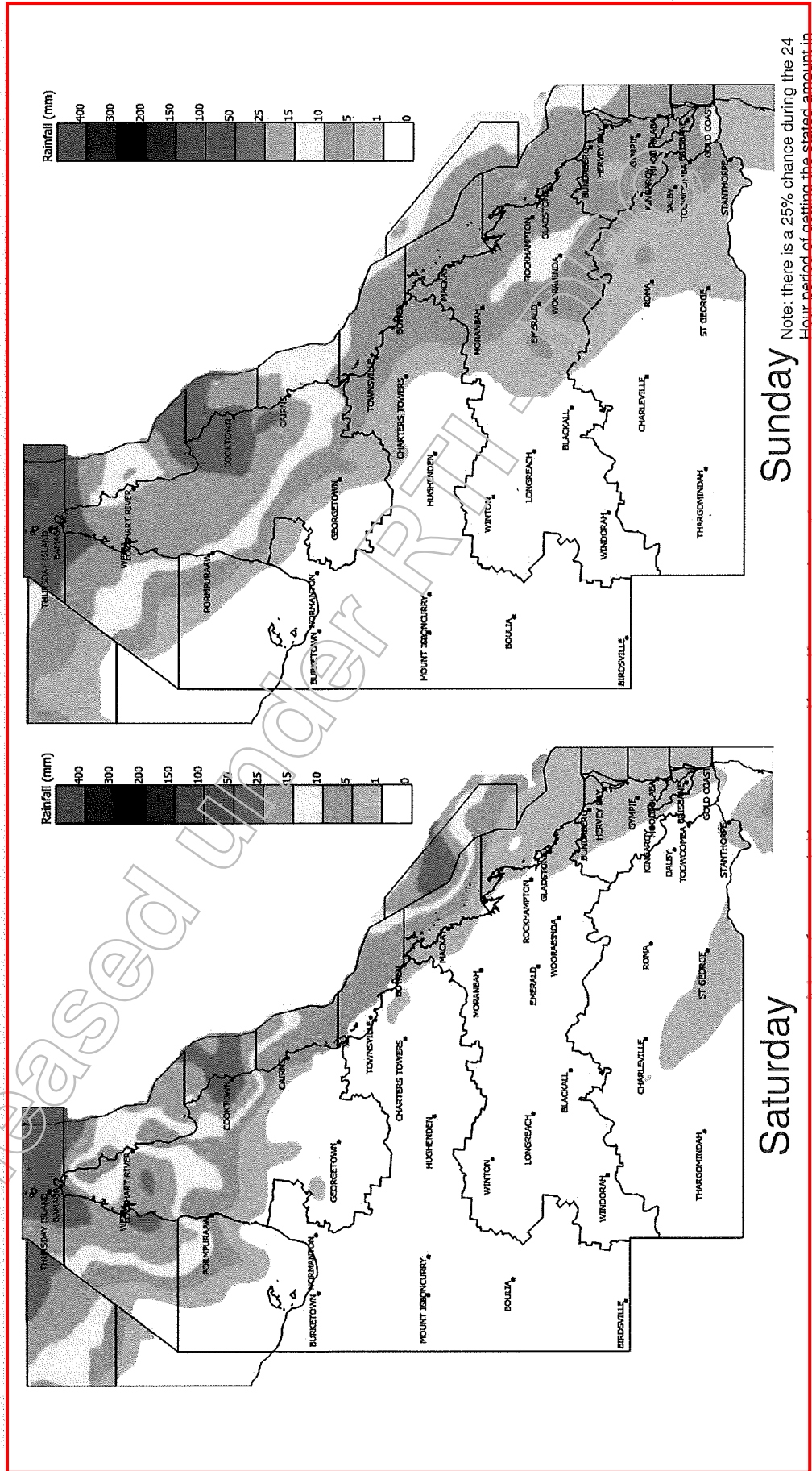
Note: there is a 25% chance during the 24 Hour period of getting the stated amount in the images, higher rainfall is possible

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Forecast conditions – Rainfall (as of 2:00pm AEST Thursday)

11



Saturday

Sunday

Note: there is a 25% chance during the 24 Hour period of getting the stated amount in the images, higher rainfall is possible

Not for public or media dissemination

State Update

Event	Active Monsoon Far North Queensland		
State Update No.	18	Report ID	R13355821
Report From	0800hrs on 07/02/2019	Report To	1600hrs on 07/02/2019
Distribution	QDMC, SDCG, affected DDMGs and LDMGs		

Weather

Overview

- The monsoon trough extends from the Gulf Country across the base of Cape York Peninsula to the east tropical coast near Ingham.
- A tropical low lies on the monsoon trough over northwest Queensland and will move east north-east through much of today, before likely shifting into the Coral Sea either tonight or Friday.
- **Heavy** falls within thunderstorms remain possible near the monsoon trough and tropical low but these should gradually clear off shore during Friday.
- Areas between Bowen and Mackay are expected to record the heaviest rainfall totals over the next 24 hours before the focus shifts northwards later this week.

Hydrology

- **Flood watch** for coastal catchments from Daintree to Mackay and Gulf of Carpentaria catchments.
- Widespread **moderate** to **major** flooding is expected in the flood watch area over the next few days.

Warnings

- **Major** flood warning – Flinders River, Leichhardt River, Herbert River, Upper Burdekin River and Western River.
- **Moderate** flood warning – Houghton River, Lower Burdekin River (below Burdekin Falls dam), Isaac River catchment, Georgina River and Ross River.
- **Minor** flood warning – Albert River, Cloncurry River, Norman River, Don River, Proserpine River, Pioneer River, Thomson River, Cooper Creek and Murray River.
- **Flood** warning – Nicholson River, Gregory River, Gilbert River and Diamantina River.



Current Status of Activations

State Activations SDCC – STAND UP

	DDMGs	LDMGs
Stand Up	Townsville	Burdekin, Charters Towers, Cloncurry, Flinders, Hinchinbrook, Mckinlay, Richmond, Townsville, Winton
Lean Forward	Mount Isa, Longreach	Burke, Carpentaria, Etheridge, Mount Isa, Palm Island, Wujal Wujal
Alert	Far North, Innisfail, Mackay	Aurukun, Boulia, Cairns, Cassowary Coast, Cook, Croydon, Douglas, Hope Vale, Mareeba, Mornington, Napranum, Northern Peninsula, Torres Strait, Weipa, Whitsunday, Yarrabah
Stand Down		

Disaster Declarations

DDMG	Declared	Expiration	Ended	Extension
Townsville	1745hrs on 31/01/2019	1745hrs on 14/02/2019		

People

Deaths Nil reported for this period.
 Missing Persons Nil reported for this period.
 Searches Nil reported for this period.

Evacuation Centres / Places of Refuge

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Community Recovery Hubs

Community Safety Summary

Queensland Police Service

Submitted By Supt Brian Connors Date / Time 07/02/2019 14:57hrs

- Currently 90 QPS staff deployed to affected areas in North Queensland assisting with disaster response and policing duties.

Queensland Fire and Emergency Services

Submitted By Debbie Bygate Date / Time 07/02/2019 14:05hrs

- SES has received more than 56 requests for assistance in the last 24 hours to 1400hrs today.
- Damage assessments between 25/1/19 to 1330hrs today
 - 1826 properties have been inspected
- Strategic planning being undertaken to support the recovery phase.
- Providing assistance with resupply activities across the community to support LDCC when requested.
- 207 personnel currently deployed in North Queensland as well as 35 operational vehicles.

Queensland Ambulance Service

Submitted By Monica Farrow Date / Time 07/02/2019 13:48hrs

- There are currently 53 staff deployed to North Queensland.
- QAS has commenced recovery activities to restore state and local operations to BAU.

Health Summary

Queensland Health

Submitted By Joanne Dyson Date / Time 07/02/2019 14:04hrs

- Queensland Health is implementing a recovery plan for flooding in Townsville and surrounding areas to:
 - Maintain emergency capability and restore clinical services, monitor and mitigate public health risks and provide mental health support.



Power and Water Summary



Transport Summary



Released under RTI - DPC



Communications and Information Technology Summary

Human / Social Summary

Department of Child Safety, Youth and Women

Submitted By Thomas Allsop Date / Time 07/02/2019 14:03hrs

- Weather system is being monitored across North Queensland including South towards Burdekin and West to Mt Isa and Cloncurry, with preparations having commenced for the safety of clients and staff.

Department of Communities, Disability Services and Seniors

Submitted By James Parker Date / Time 07/02/2019 13:31hrs

- Details for DRFA activated councils can be found at <https://www.qra.qld.gov.au/activations>
- 23,491 applications have been received for emergency hardship assistance (excluding identified duplicates)
- 13,400 calls to the Community Recovery Hotline to date.
- 2 additional Recovery Hubs will be established in Townsville as weather permits and premises are available.

Department of Education

Submitted By Dave Sheedy Date / Time 07/02/2019 13:47hrs

- School Closures as at 1400hrs
 - 39 State Schools
 - 6 Catholic and Independent schools
 - 57 Early Childhood Early Care Centres

Department of Housing and Public Works

Submitted By Kaelene Clarke Date / Time 07/02/2019 15:02hrs

- HPW teams have finalised **305** assessments of government assets
- HPW has received over **130** applications for emergency housing assistance.
- HPW website and social media platforms continue to amplify messages promoting housing assistance available.
- Assisted DCDSS to identify and open 3 Community Recovery Hubs - additional locations being investigated.
- The fourth Building Recovery Group meeting is planned for tomorrow.

Environmental Summary

Department of Environment and Science

Submitted By Chris Loveday Date / Time 07/02/2019 14:03hrs

- A number of national parks in the affected areas remain closed or partially closed. Park alerts are in place that detail all closures and relevant visitor information online.
- Charters Towers Council has requested support from DES to identify a temporary landfill site to support waste management activities, particularly for the Hervey Range community. DES has liaised with Council today to identify appropriate sites.

Department of Natural Resources, Mines and Energy

Submitted By Garrett Geoghegan Date / Time 07/02/2019 12:51hrs

- 28 staff deployed for Community Recovery with an additional 4 on standby.
- No issues reported with DNRME owned dams.
- No issues with power generation in Queensland.

Sunwater

Submitted By Michael Hughes Date / Time 07/02/2019 13:41hrs

- Emergency Action Plans remain active for **7** dams – Burdekin Falls, Eungella, Julius, Kinchant, Ross River, Teemburra and Tinaroo Falls.
- Burdekin Falls Dam lake levels are still **rising**. Currently, lake level is **159.950m**, **5.95m** depth over spillway. Current dam capacity is **200.8%**. Flood of record is **160.85m**. Lake level is expected to **peak** today at **160.14m**.
- **Ross River Dam** – Automatic gate operations recommenced at 10330hrs today. The lake level is **falling** at **41.04m** with an outflow of **672.6m³/s** (as at 1100hrs). Current dam capacity is **174%**.

Economic Summary

Department of Agriculture and Fisheries

Submitted By Janine Waldoock Date / Time 07/02/2019 14:03hrs

- Cattle losses in North West Qld are **significant** with some properties having lost over **1000** head of stock.
- Stock that remain are stranded on higher ground with no access to feed.
- DAF is working with the Australian Defence Force, Local Government and Agforce to deliver fodder drops to impacted North West producers.
- Producers can register for a fodder drop at Agforce's website agforce.qld.gov.au
- Category B and Category C assistance measures for primary producers have been activated.



Other Agencies Summary



Approval

Prepared

Senior Sergeant Tonya Graham – Operations.

Endorsed

Inspector Paul Fogg – Operations Coordinator.

Approved

Superintendent Shane Holmes – Commander.

Next Report

The next State Update will be issued at 0800hrs on 08/02/2019.





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Severe Weather Briefing

Friday, 8th February 2019





Key messages

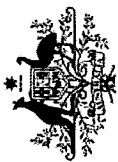
- **Isolated areas of heavy rain and locally damaging winds remain a risk with any thunderstorms that may occur today.**
- The risk of heavy rain should shift northwards during today and may affect locations such as Cairns and the Daintree.
- **Flash flooding remains a risk today.** Rivers and creeks are likely to respond quickly to any further heavy rain.
- The severe weather risk across north Queensland is expected to decrease over the weekend.
- Flood Warnings continue for numerous catchments across Queensland.
- At this stage, there is a low (5-20%) chance of a tropical cyclone forming in the Coral Sea over the coming days. If this were to occur, it would be well offshore and expected to remain away from the Queensland east coast.



Recent conditions – 7 day rainfall records during this event

Location	Years of data	New record	End date of new record	Old record
Richmond Post Office	131	494.8mm	7 Feb	367.4mm
Halifax Macrossan St	122	1057.0mm	3 Feb	1054.9mm
Mingela Post Office	121	778.3mm	4 Feb	515.2mm
Townsville Aero	80	1052.8mm	4 Feb	886.2mm

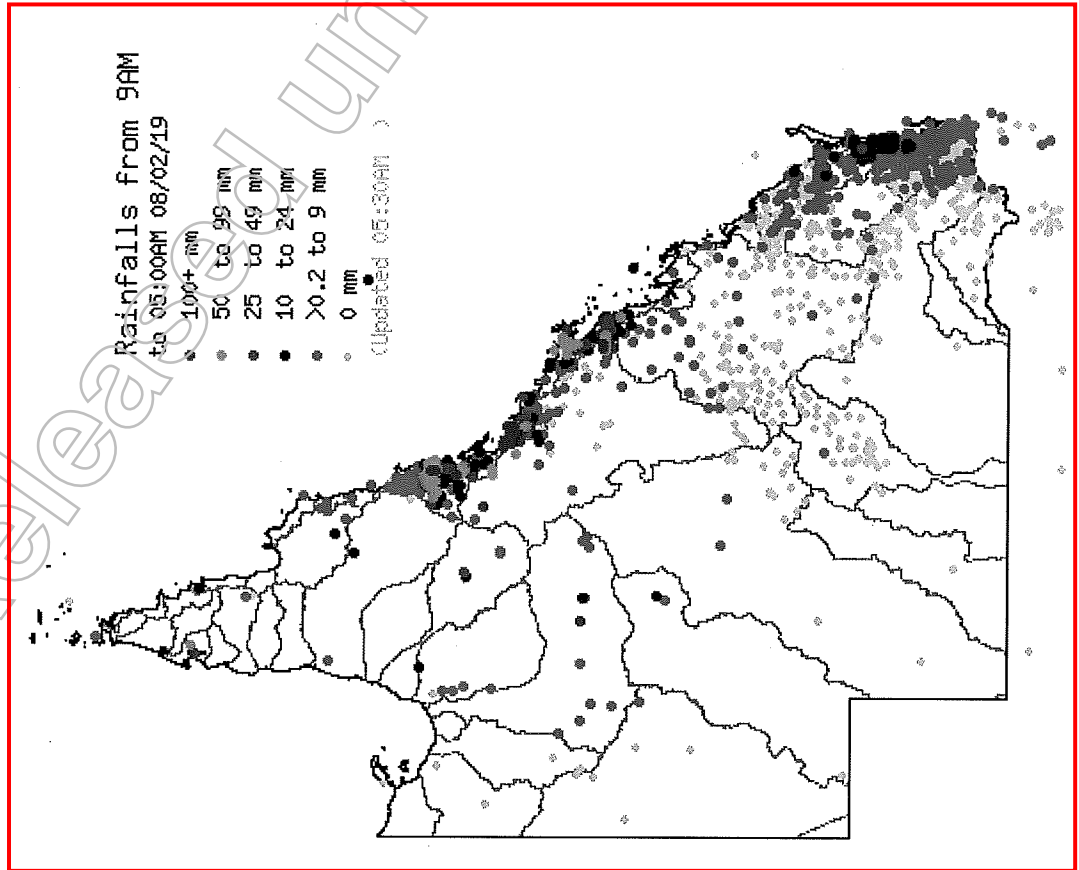
- Upper Bluewater received 1852mm in 7 days making it the 12th highest 7 day rainfall total recorded in Queensland.
- Paluma Alert received 1758mm in 7 days making it the 15th highest 7 day rainfall total recorded in Queensland.



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Recent conditions – Rainfall



Selected rainfall totals between 9am AEST Thursday and 7am AEST Friday:

- 177mm at Clarke Range2
- 171mm at Bushland Beach
- 154mm at Nelly Bay
- 153mm at Toolakea
- 131mm at Townsville Airport



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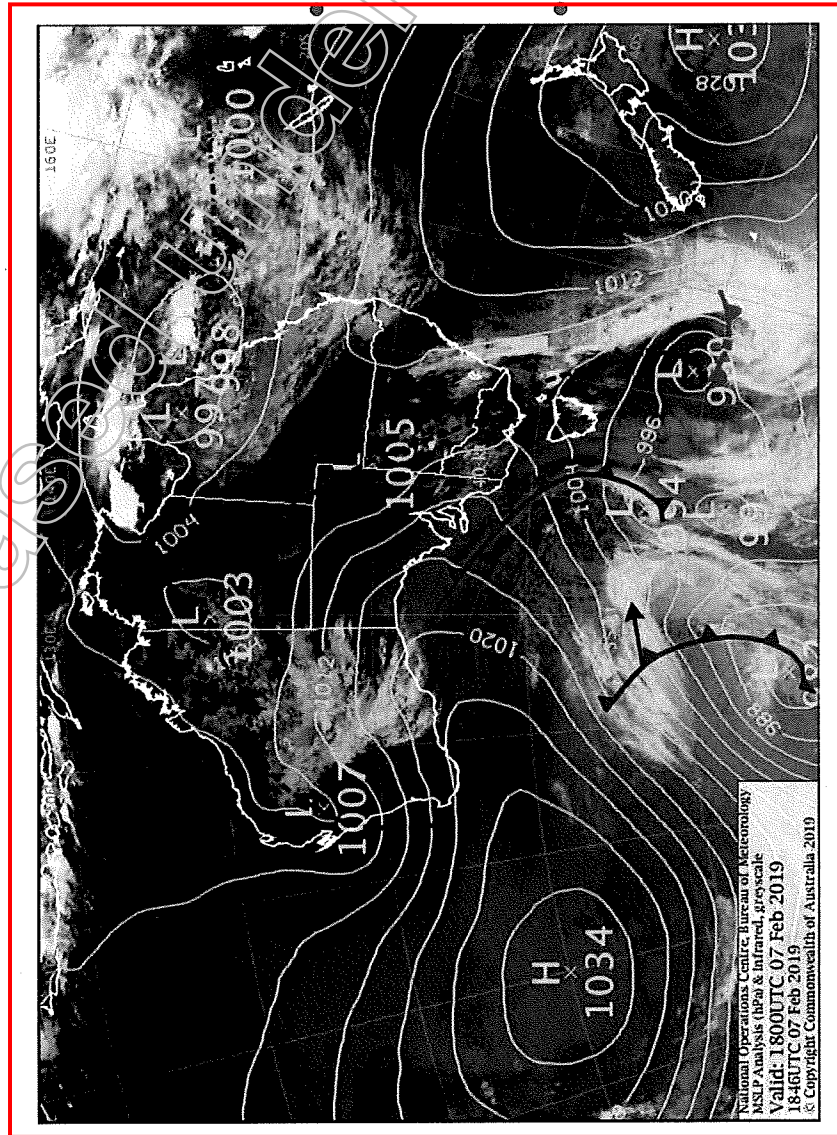
Current situation - Satellite



- The monsoon trough has moved northwards overnight and now extends between Cairns and Kowanyama.

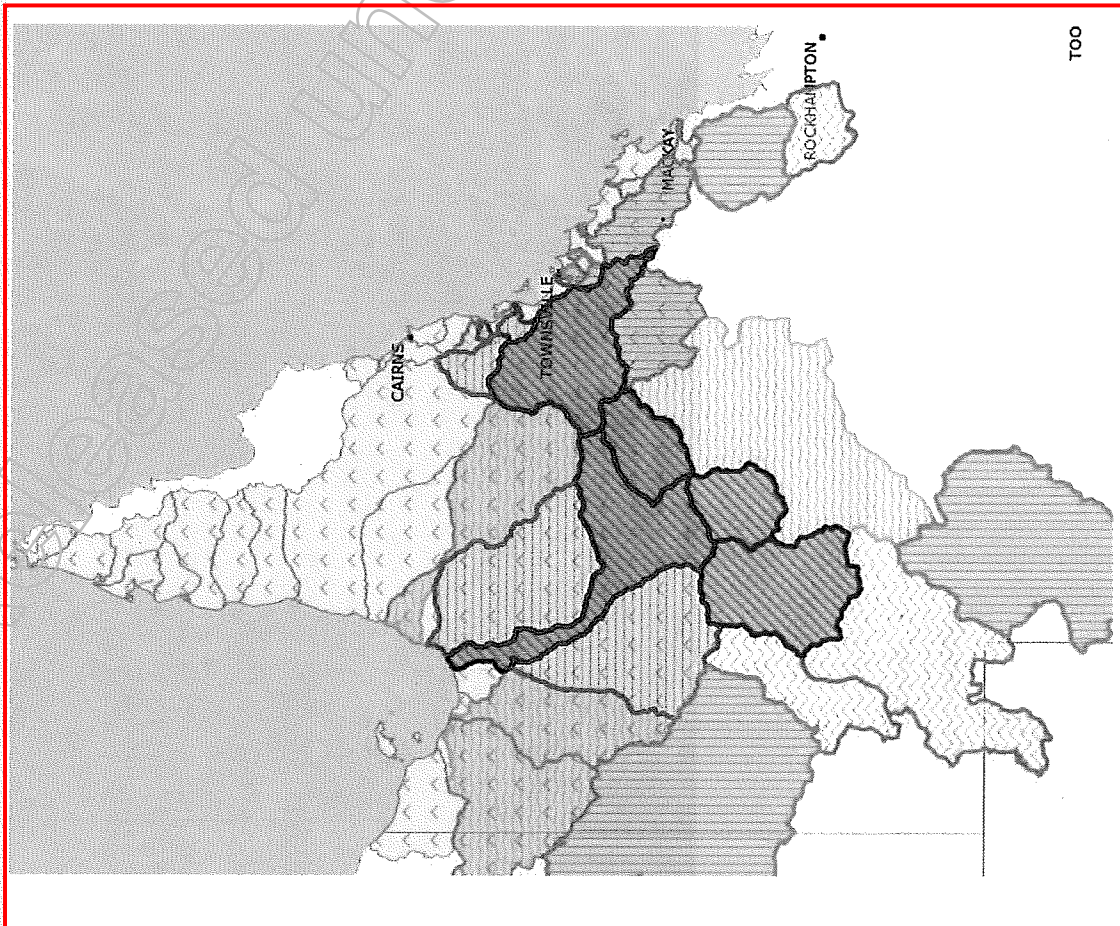
The monsoon trough is forecast to shift further northwards during today.

Two tropical lows are situated along the monsoon trough, including one over the northern interior of Queensland and another offshore of the Cairns coast.





Current Flood Watches/Warnings (as of 5:30am AEST Friday)



- Major for the Flinders and Leichardt Rivers.
- Major for the Upper Burdekin River and Moderate for the Lower Burdekin River below Burdekin Falls Dam (further rises expected at Inkerman Bridge today).
- Major for the Western River.
- Minor to Moderate for various other catchments.
- Flood Watch for coastal catchments from Daintree to Mackay, western Cape York Peninsula and the Gulf of Carpentaria catchments.

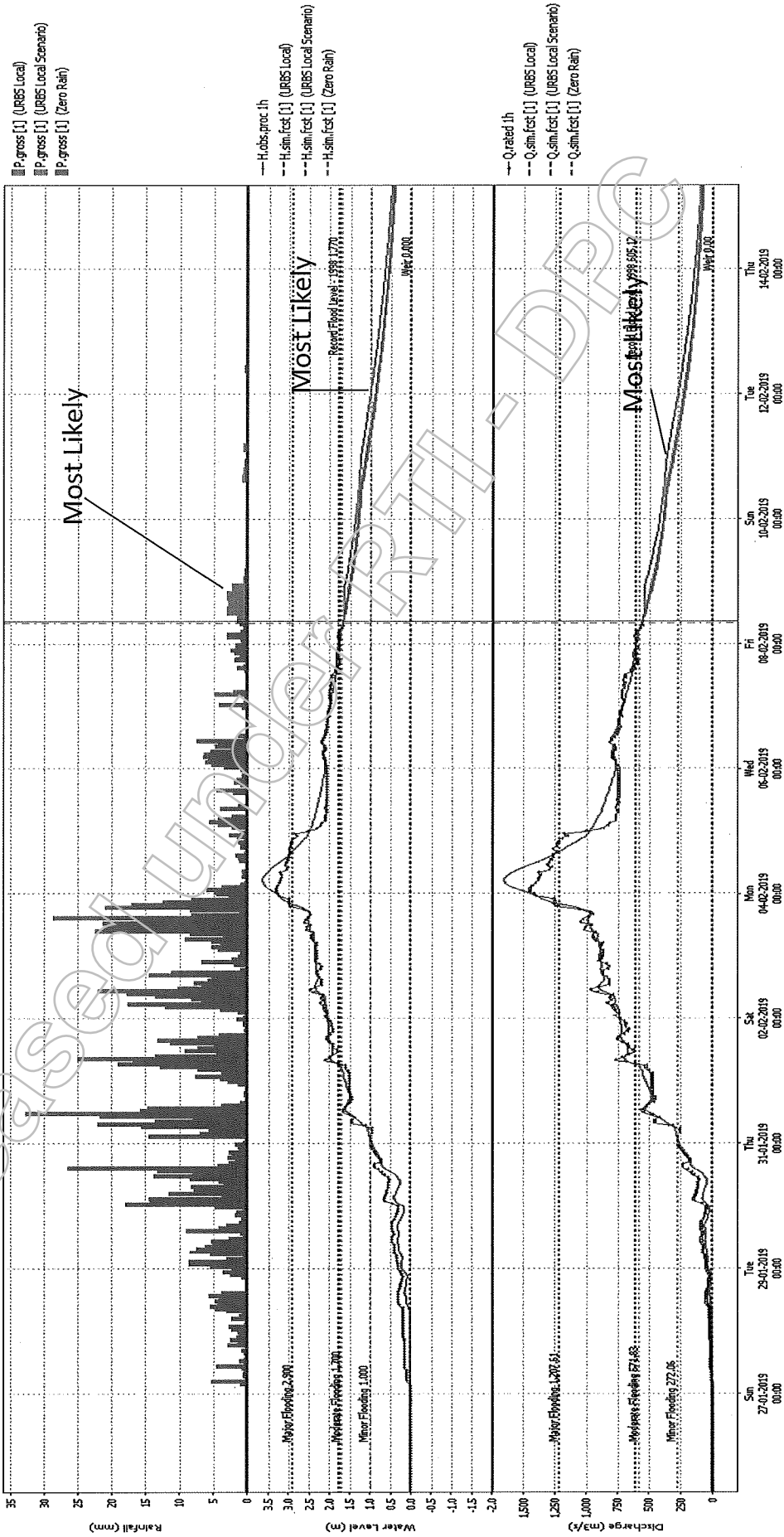
Forecast Scenario as @ 0800 hours Friday 08/02/2019

Most likely rainfall scenario: 25% probability scenario from latest forecasts available in MetEye.

The recession is likely to occur slower than modelled, due to model factors including rating curves, dam releases and model parameters being calibrated for the rising limb. The river level at Aplin Weir may remain above the moderate flood level into the weekend.

NB: Modelled peak modelled flows at Aplin Weir matched well with the outflow from the Ross River Dam late Sunday. Attenuation and breakouts of flow between Ross River Dam and Aplin Weir, as well as manual dam operations account for the difference in recorded and modelled flows and this is currently being investigated by Townsville City Council.

URBS: Aplin Weir - H532029 (SubCatch: Ross R)



Ross_URBS_Ensemble_Forecast: [1] Ensemble Rainfall Co... Fri 08-02-2019 08:00:00 AEDT Local

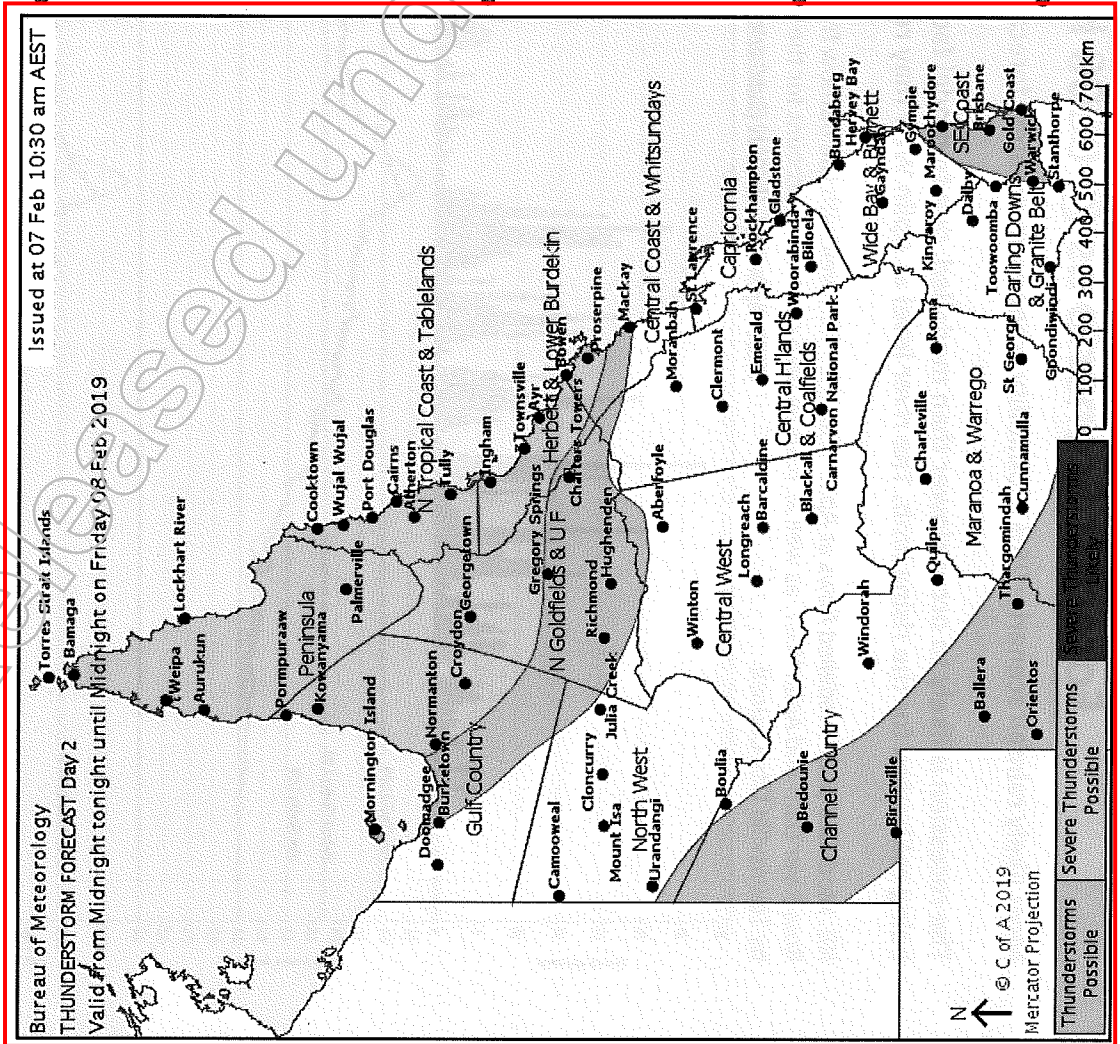
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Thunderstorm Forecast - today



Isolated areas of heavy rain and damaging winds remain a risk with any thunderstorms that may occur across north Queensland on Friday.

The risk of heavy rain should shift northwards during the day and may affect locations such as Cairns and the Daintree.

Severe Thunderstorm Warnings will be issued as necessary.

Localised flash flooding remains a risk.

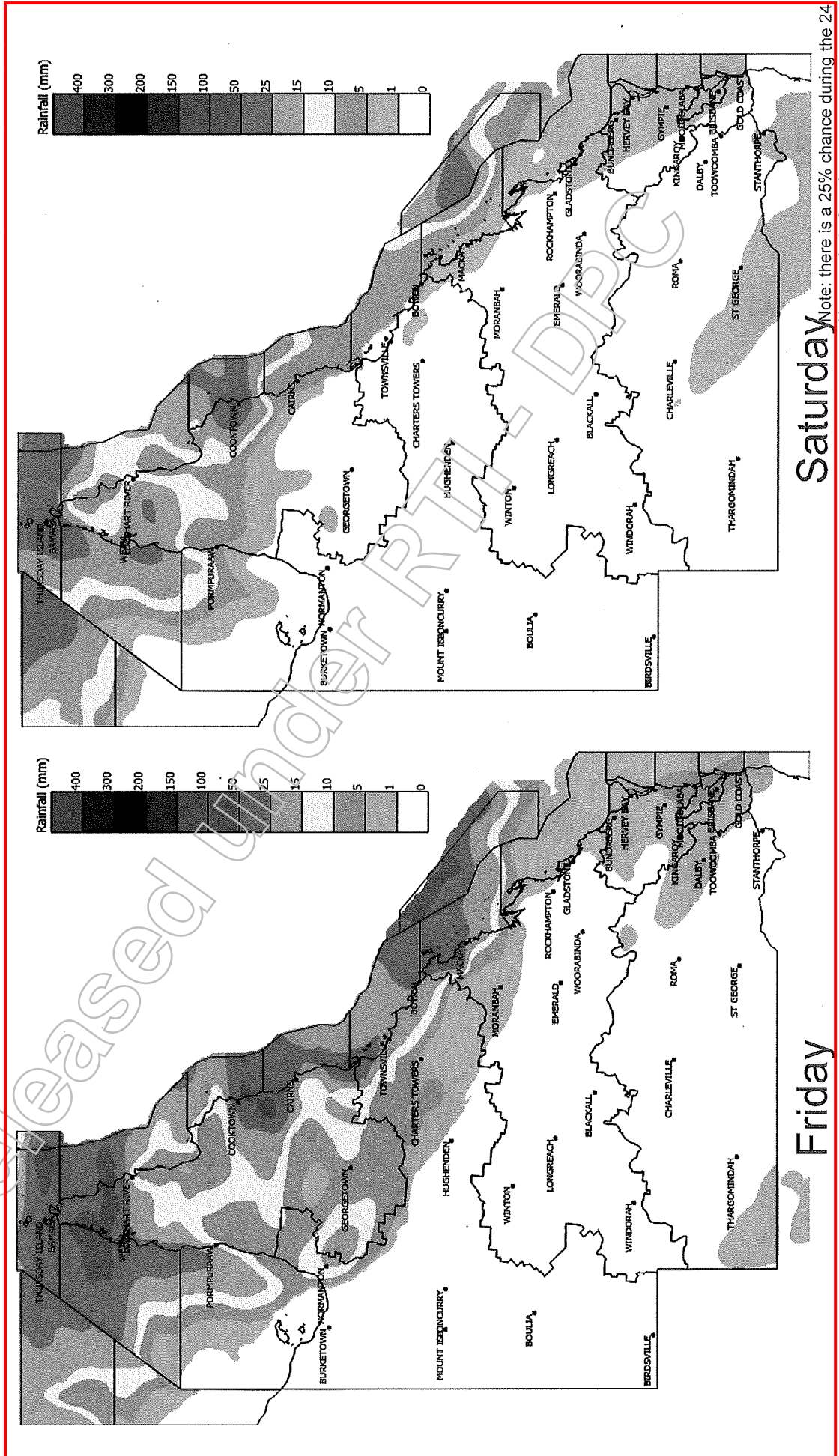


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Forecast conditions – Rainfall (as of 5:00am AEST Friday)



9



Friday

Saturday

Note: there is a 25% chance during the 24 Hour period of getting the stated amount in the images, higher rainfall is possible

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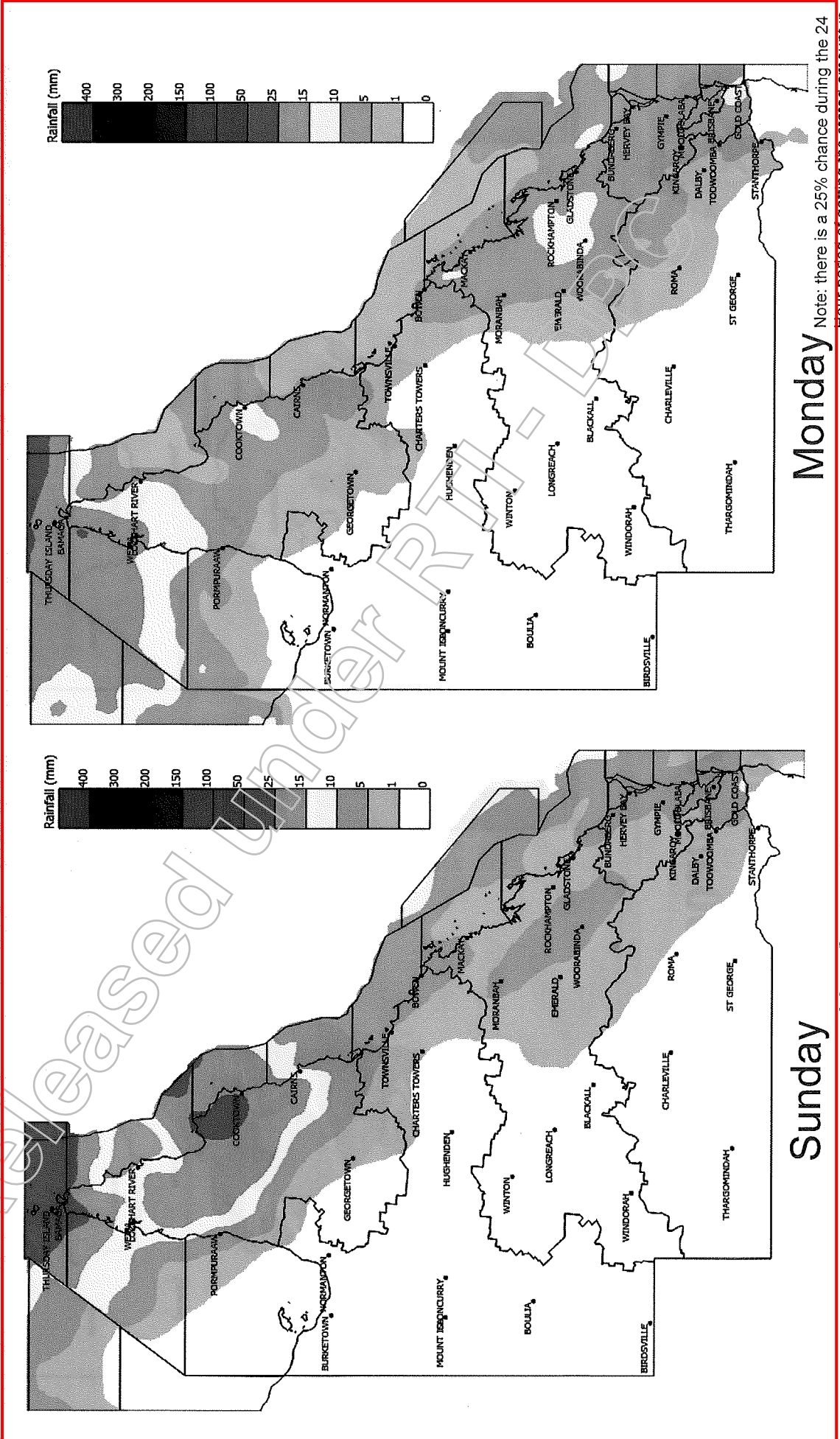


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Forecast conditions – Rainfall (as of 5:00am AEST Friday)



10



Sunday

Monday

Note: there is a 25% chance during the 24 Hour period of getting the stated amount in the images, higher rainfall is possible

Not for public or media dissemination

State Update

Event	Active Monsoon Far North Queensland		
State Update No.	20	Report ID	R13381521
Report From	0800hrs on 08/02/2019	Report To	1600hrs on 08/02/2019
Distribution	QDMC, SDCG, affected DDMGs and LDMGs		

Weather

Overview

- The monsoon trough extends from the Gulf Country across the base of Cape York Peninsula to the east tropical coast, and should remain slow-moving through the remainder of today.
- A tropical low lies on the monsoon trough north of Georgetown and will and will weaken through the remainder of today. A second tropical low lies on the monsoon trough in the Coral Sea, near Cardwell and is likely to move to the east-southeast in the coming days.
- To the north of the monsoon trough, a fresh to strong monsoonal flow persists across far northern Queensland. Heavy falls remain possible in thunderstorms near the monsoon trough and tropical lows, but these should gradually clear offshore during today or early Saturday.
- A surface trough is expected to move eastwards across the state over the weekend with a slight to medium chance of showers and thunderstorms accompanying its passage.

Hydrology

- **Flood watch** for coastal catchments from Daintree to Mackay and Gulf of Carpentaria catchments.

Warnings

- Major Flood Warning for the Flinders, Albert and Leichhardt Rivers, Minor Flood Warning for the Norman River, and Flood Warning for the Cloncurry, Nicholson, Gregory and Gilbert Rivers.
- Major Flood Warning for the Upper Burdekin River and Moderate Flood Warning for the Lower Burdekin River below Burdekin Falls Dam.



Current Status of Activations

State Activations SDCC – STAND UP

	DDMGs	LDMGs
Stand Up	Townsville	Burdekin, Charters Towers, Cloncurry, Flinders, Hinchinbrook, Mckinlay, Richmond, Townsville, Winton
Lean Forward	Mount Isa, Longreach	Burke, Carpentaria, Etheridge, Mount Isa, Palm Island, Wujal Wujal
Alert	Far North, Innisfail, Mackay	Aurukun, Boulia, Cairns, Cassowary Coast, Cook, Croydon, Douglas, Hope Vale, Mareeba, Mornington, Napranum, Northern Peninsula, Torres Strait, Weipa, Whitsunday, Yarrabah
Stand Down		

Disaster Declarations

DDMG	Declared	Expiration	Ended	Extension
Townsville	1745hrs on 31/01/2019	1745hrs on 14/02/2019		

People

Deaths Nil reported for this period.
 Missing Persons Nil reported for this period.
 Searches Nil reported for this period.

Evacuation Centres / Places of Refuge

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Community Recovery Hubs

Community Safety Summary

Queensland Police Service

Submitted By Supt Brian Connors Date / Time 08/02/2019 13:30hrs

- Currently 90 QPS staff deployed to affected areas in North Queensland assisting with disaster response and policing duties.

Queensland Fire and Emergency Services

Submitted By Janet Richardson Date / Time 08/02/2019 13:58hrs

- SES has received more than 65 requests for assistance in the last 24 hours to 1600hrs today.
- Damage assessments between 25/1/19 to 1600hrs today 3340 properties have been inspected
- Strategic planning being undertaken to support the recovery phase.
- 300 personnel currently deployed in North Queensland as well as 60 operational vehicles.

Queensland Ambulance Service

Submitted By Monica Farrow Date / Time 08/02/2019 13:25hrs

- 19 officers will be demobilised back from Townsville today.
- 1 paramedic crew remains supporting the Heatley evacuation centre.
- The ADF continues to support QAS service delivery.

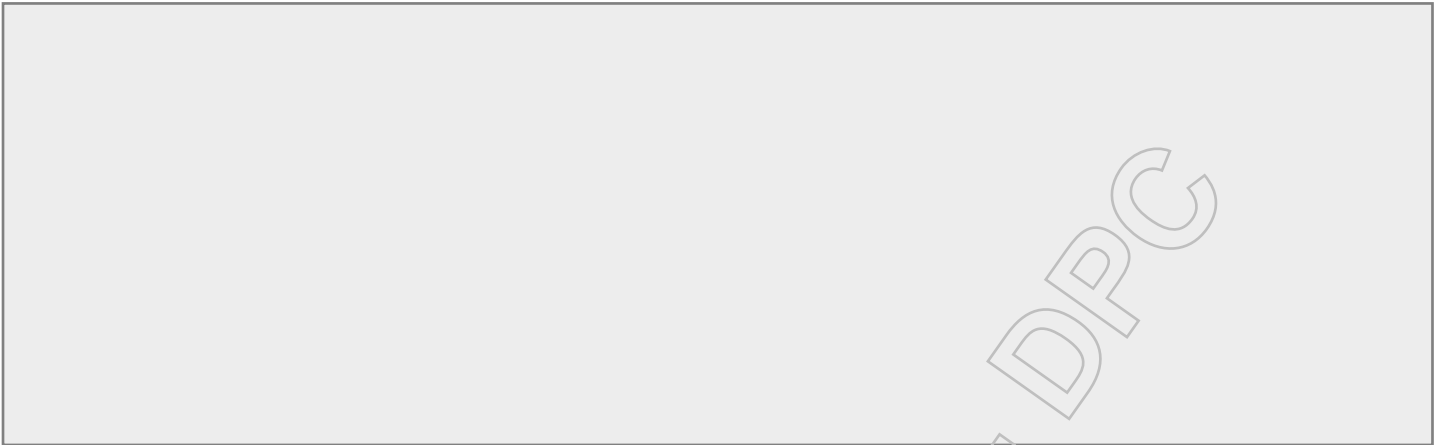
Health Summary

Queensland Health

Submitted By Brenda Patane Date / Time 08/02/2019 14:04hrs

- The Townsville Hospital is open and offering all emergency services. Routine services are gradually resuming.
- Additional home stay ward opened to cater for patients who are unable to return home or to other suitable accommodation.
- Emergency rest and food arrangements in place for staff remaining at the hospital, as well as some capacity for child-supervision on site available.

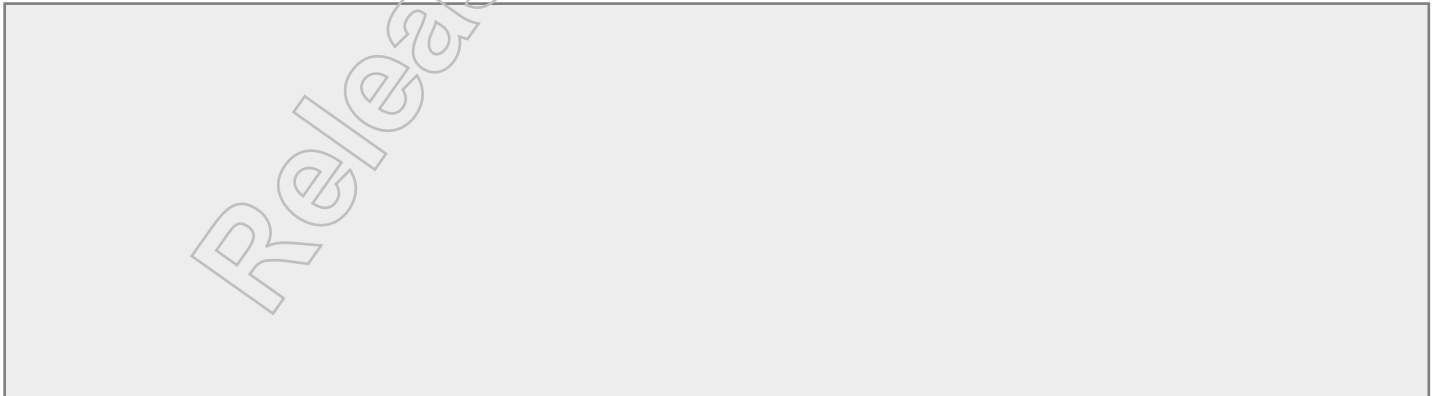
Power and Water Summary



Transport Summary



Communications and Information Technology Summary





Human / Social Summary

Department of Child Safety, Youth and Women

Submitted By Thomas Aillsop Date / Time 08/02/2019 13:27hrs

- Business continuity processes are in place for frontline services in the impacted area to ensure ongoing availability of child safety and youth justice services including contingency plans for safety and security of detainees and staff in Cleveland Youth Detention Centre.
- The department's Information, Innovation and Recovery Division is assisting with ICT-related DCDSS Community Recovery functions, as required.
- Child Safety and Youth Justice Service Centres in Townsville remain physically closed at this time. However, arrangements have been made to continue to provide services to client

Department of Communities, Disability Services and Seniors

Submitted By James Parker Date / Time 08/02/2019 13:50hrs

- 27,287 applications have been received for emergency hardship assistance
- 18,741 calls to the Community Recovery Hotline to date.
- Recovery Hub established and opened in Giru and Palm Island will open when weather permits.

Department of Education

Submitted By Brandon McDonald Date / Time 08/02/2019 15:29hrs

- School Closures as at 1500hrs



State Update 19 for Active Monsoon FNQ as at 0800hrs on 08/02/2019

- 37 State Schools
- 1 Catholic and Independent schools
- 47 Early Childhood Early Care Centres

Department of Housing and Public Works

Submitted By Kaelene Clarke Date / Time 07/02/2019 21:01hrs

- 133 requests for emergency housing assistance
- HPW teams have finalised 393 assessments of government assets.
- Additional shifts and 156 agency temp staff continue to be employed to support disaster recovery call demand.
- The Residential Tenancy Authority is available to provide advice to tenants about what they are able to do if their rental has been damaged.
- The fourth Building Recovery Group meeting is planned for this morning.

Department of Justice and Attorney-General

Submitted By Ronald McDonald Date / Time 08/02/2019 12:09hrs

- Townsville courts remained closed today but the Supreme, District and Magistrates Courts will re-open at 8.30am on Monday.
- A number of staff are in attendance at the courthouse working on backlogs and preparing for courts next week. All other NQ courts are operational today.

Environmental Summary

Department of Environment and Science

Submitted By Chris Loveday Date / Time 08/02/2019 13:45hrs

- DES is currently responding to a report from Queensland Rail (QR) about a train derailment approximately 60km East of Julia Creek.
- Imagery indicates that possibly 20 carriages and the locomotive have been dislodged from the track and appear to be on their side.
- Access to the site is restricted by floodwaters.
- All DES offices are open and operational except Ingham and Jourama, which are closed until further notice.

Department of Natural Resources, Mines and Energy

Submitted By Mark Ryan Date / Time 08/02/2019 13:56hrs

- 41 staff deployed for Community Recovery with additional deployments being envisaged over the next few days.
- DNRME is aware that the 42 water monitoring river gauges are currently not providing telemetry to the BoM. DNRME is working extensively to restore the data feed, and is liaising with the BoM.
- Energy Queensland are enacting their Restoration Plan for Townsville – aiming to have connection restored to 80% by Sunday, 10/02/2019 and 100% by Tuesday, 12/02/2019.
- 3 Petroleum and Gas inspectors are located in Townsville and have checked hospitals, schools and emergency shelters in the affected area. Preparations underway for these inspectors to visit Ingham, Charters Towers, Home Hill and Ayr next week.
- No issues reported with DNRME owned dams or power generation in Queensland.



State Update 19 for Active Monsoon FNQ as at 0800hrs on 08/02/2019

Sunwater

Submitted By Michael Hughes Date / Time 08/02/2019 13:41hrs

- Emergency Action Plans active for seven dams – Burdekin Falls, Eungella, Julius, Kinchant, Ross River, Teemburra and Tinaroo Falls.
- Operational releases from Kinchant Dam into the outlet channel continue. Current rate has been reduced to 400ML/day; monitoring ongoing.
- Burdekin Falls Dam water levels are steady. As at 12:45 08/02/19, the lake level is 160.28, 6.28m over spillway and current capacity is 208.11%; the lake level is not expected to exceed flood of record (160.85m)
- Ross River Dam: Automatic gate operations recommenced at approximately 10:30 07/02/2019, as directed by Townsville City Council. As at 12:45 08/02/19, all gates are open with a total outflow of 535.6m³/s.

Economic Summary

Department of Agriculture and Fisheries

Submitted By Janine Waldock Date / Time 08/02/2019 12:32hrs

- DAF is working with the Australian Defence Force, Local Government and Agforce to deliver fodder drops to impacted North West producers.
- Producers are encouraged to register their interest with Agforce on www.agforceqld.org.au.
- DAF Ayr office is closed today 8/2/19 and will reopen Monday.
- Additional areas for Category B and C assistance measures are being requested.
- Fodder Drops - Locations – 68 Total stock numbers – 33,553

Other Agencies Summary



Approval

- Prepared** Senior Sergeant George Shand– Operations.
- Endorsed** Inspector Paul Fogg – Operations Coordinator.
- Approved** Superintendent Shane Holmes – Commander.
- Next Report** The next State Update will be issued at 1600hrs on 08/02/2019.



State Update

Event	Active Monsoon Far North Queensland		
State Update No.	21	Report ID	R13392221
Report From	1600hrs on 16:00hrs	Report To	0800hrs on 09/02/2019
Distribution	QDMC, SDCG, affected DDMGs and LDMGs		

Weather

Overview

- The monsoon trough extends across north Queensland and is forecast to remain active over the region through the weekend.
- A **tropical low** lies in the northwest Coral Sea, east of Cairns and is likely to move to the east-southeast in the coming days.
- A **high to very high** chance of showers and thunderstorms north of about Kowanyama to Port Douglas, with the chance of locally heavy falls with thunderstorms.

Hydrology

- **Flood watch** for coastal catchments from Daintree to Mackay, Western Cape York Peninsula and Gulf of Carpentaria catchments.
- Continual river rises are expected in the flood watch area over the next few days.

Warnings

- **Major** flood warning – Flinders River, Albert River, Leichhardt River and Upper Burdekin River.
- **Moderate** flood warning – Haughton River, Lower Burdekin River (below Burdekin Falls dam), Isaac River catchment, Georgina River and Western River.
- **Minor** flood warning – Norman River, Herbert River, Murray River, Ross River, Thomson River and Cooper Creek.
- **Initial minor** flood warning – Daintree River
- **Flood** warning – Nicholson River, Gregory River, Gilbert River and Diamantina River.

Current Status of Activations

State Activations

SDCC – STAND UP

	DDMGs	LDMGs
Stand Up	Townsville	Burdekin, Carpentaria, Charters Towers, Flinders, McKinlay, Richmond, Townsville, Winton
Lean Forward	Mount Isa, Longreach	Burke, Etheridge, Hinchinbrook, Mount Isa, Palm Island, Wujal Wujal
Alert	Far North, Innisfail, Mackay	Aurukun, Boulia, Cairns, Cassowary Coast, Cook, Croydon, Douglas, Hope Vale, Mareeba, Mornington, Napranum, Northern Peninsula, Torres Strait, Weipa, Whitsunday, Yarrabah
Stand Down		Cloncurry



Disaster Declarations

DDMG	Declared	Expiration	Ended	Extension
Townsville	1745hrs on 31/01/2019	1745hrs on 14/02/2019		

People

Deaths Nil reported for this period.
Missing Persons Nil reported for this period.
Searches Nil reported for this period.

Evacuation Centres / Places of Refuge

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Community Recovery Hubs

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Community Safety Summary

Queensland Police Service

Submitted By Insp Mark Pengelly Date / Time 09/02/2019 07:00hrs

- 90 staff remain deployed in North Queensland.
- 259 staff in reserve with planned deployments and replacements ongoing.

Queensland Fire and Emergency Services

Submitted By Janet Richardson Date / Time 09/02/2019 05:57hrs

- SES has received more than 64 requests for assistance in the last 24 hours to 0500hrs today.
- As at 0430hrs - 3,908 damage assessments completed.
- 332 personnel and 70 vehicles currently deployed in North Queensland.
- Wash-out operations have commenced in Townsville to support community recovery.

Queensland Ambulance Service

Submitted By Monica Farrow Date / Time 09/02/2019 06:02hrs

- The Central West LASN Local Ambulance Coordination Centre (LACC) has moved to **Alert**.
- 27 officers remain deployed to the Townsville LASN.
- Active ADF support has moved to **Stand Down** with 2 assets on standby at ADF base.
- ADF liaison in the Townsville LACC has moved to **Stand Down**.
- 2 paramedics remain at Heatley Evacuation Centre.

Health Summary

Queensland Health

Submitted By Nicole Mandalios Date / Time 09/02/2019 06:10hrs

- Queensland Health has developed a dedicated Mental Health Recovery Plan for the mental health concerns in Western Queensland and is working with RFDS to provide mental health support to these communities.
- Winton Multipurpose Health Centre remains **isolated** with the road closures around Winton.
- Mould is causing problems with re-opening of schools in the Townsville region. Advice has been provided to Education Qld. Advice regarding mould in the clean-up following floods has been updated and is available at <https://www.health.qld.gov.au/public-health/disaster/evacuation-centres>

Power and Water Summary

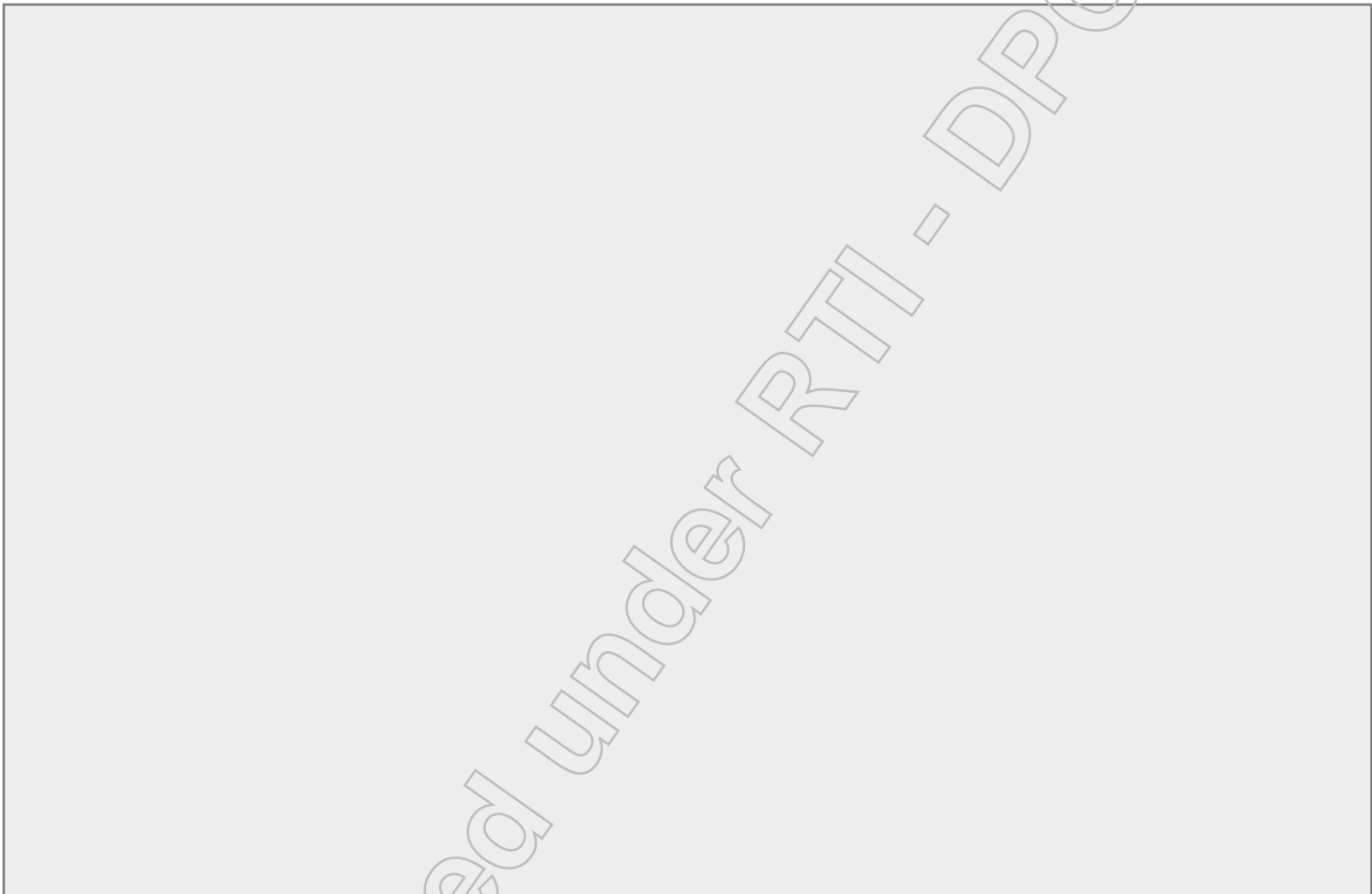


Transport Summary





Communications and Information Technology Summary



Local Government Summary

Local Government Association of Queensland

Submitted By Mike Lollback Date / Time 09/02/2019 07:15hrs

- Assistance under the Council to Council program has been offered to all affected councils.

Human / Social Summary

Department of Child Safety, Youth and Women

Submitted By Thomas Allsop Date / Time 09/02/2019 05:36hrs

- Child Safety and Youth Justice Service Centres in Townsville remain closed at this time. Arrangements made to continue to provide services to clients.



State Update 21 for Active Monsoon FNQ as at 0800hrs on 09/02/2019

Department of Communities, Disability Services and Seniors

Submitted By James Parker Date / Time 09/02/2019 05:55hrs

- 30,969 applications have been received for emergency hardship assistance.
- 21,070 calls to the Community Recovery Hotline to date.

Department of Education

Submitted By Dave Sheedy Date / Time 09/02/2019 06:15hrs

- School Closures as at 0600hrs
 - 37 State Schools
 - 1 Catholic and Independent schools
 - 47 Early Childhood Early Care Centres
- Flood assistance package announced to support flood effected North Queensland Schools.
- BAS with support from ADF are currently cleaning a number of schools. Other remedial work is continuing to be scoped and repair work is being programmed.

Department of Housing and Public Works

Submitted By Kaelene Clark Date / Time 08/02/2019 20:11hrs

- Continuing to work with the Townsville City Council regarding a transition plan to move people out of the evacuation centres who cannot return home into longer term accommodation.
- Overnight HPW assisted 88 people with alternate accommodation.
- 190 requests for emergency housing assistance have been received by the department
- QFleet has purchased 22 new vehicles from local dealerships to support the disaster recovery.
- The Building Recovery Group will continue to meet to share local updates and strategies to ensure the clean-up and rebuild are supported.

Environmental Summary

Department of Natural Resources, Mines and Energy

Submitted By Mark Ryan Date / Time 09/02/2019 05:26hrs

- Currently 42 water monitoring river gauges (Gulf, Cloncurry and Mount Isa areas) are **off line** due to larger satellite communication issue with fibre optic cable. Telstra has prioritised repairs with reconnection expected by late this afternoon.
- 41 staff deployed for Community Recovery with additional deployments possible over coming days.

Sunwater

Submitted By Michael Hughes Date / Time 09/02/2019 05:35hrs

- Emergency Action Plans remain active for 7 dams – Burdekin Falls, Eungella, Julius, Kinchant, Ross River, Teemburra and Tinaroo Falls.
- Operational releases from Kinchant Dam into the outlet channel continue. Current rate has been reduced to 250ML/day - monitoring ongoing.
- Burdekin Falls Dam water levels are **rising** slowly. Currently, lake level is **160.366m**, **6.36m** over spillway. Current dam capacity is **209.92%**. Lake level is not expected to exceed flood of record.

State Update 21 for Active Monsoon FNQ as at 0800hrs on 09/02/2019

- **Ross River Dam** – Automatic gate operations continue. The lake level is **falling** at **40.28m** Current dam capacity is **148%**.

Economic Summary

Department of Employment, Small Business and Training

Submitted By Suzy Reiche Date / Time 09/02/2019 05:51hrs

- 5 TAFE Queensland campuses remain closed.

Other Agencies Summary



Approval

Prepared Senior Sergeant Tonya Graham - Operations

Approved Inspector Mark Pengelly - Commander

Next Report The next State Update will be issued at 1600hrs on 09/02/2019



State Update

Event	Active Monsoon Far North Queensland		
State Update No.	22	Report ID	R13405321
Report From	0800hrs on 09/02/2019	Report To	1600hrs on 09/02/2019
Distribution	QDMC, SDCG, affected DDMGs and LDMGs		

Weather

Overview

- A trough extends across Cape York Peninsula to the east tropical coast of Queensland, and should remain slow moving and weaken through the remainder of today.
- A **tropical low** lies in the northwest Coral Sea, east of Cairns and is likely to move to the east-southeast in the coming days.
- A **high to very high** chance of showers and thunderstorms north of about Kowanyama to Port Douglas, with the chance of locally heavy falls with thunderstorms.

Hydrology

- **Flood watch** for coastal catchments from Daintree to Mackay, Western Cape York Peninsula and Gulf of Carpentaria catchments.
- Continual river rises are expected in the flood watch area over the next few days.

Warnings

- **Major** flood warning – Flinders River and Leichhardt River.
- **Moderate** flood warning – Norman River, Burdekin River, Georgina River, Isaac River Catchment and Western River.
- **Minor** flood warning – Daintree River, Herbert River, Murray River and Ross River.
- **Flood** warning – Nicholson River, Gregory River, Gilbert River and Diamantina River.

Current Status of Activations

State Activations

SDCC – STAND UP

	DDMGs	LDMGs
Stand Up	Townsville	Burdekin, Carpentaria, Flinders, McKinlay, Richmond, Townsville,
Lean Forward	Mount Isa	Burke, Etheridge, Hinchinbrook, Mount Isa, Palm Island, Wujal Wujal
Alert	Far North, Innisfail, Mackay	Aurukun, Boulia, Cairns, Cassowary Coast, Cook, Croydon, Douglas, Hope Vale, Mareeba, Mornington, Napranum, Northern Peninsula, Torres Strait, Weipa, Whitsunday, Yarrabah
Stand Down	Longreach	Charters Towers, Winton



Disaster Declarations

DDMG	Declared	Expiration	Ended	Extension
Townsville	1745hrs on 31/01/2019	1745hrs on 14/02/2019		

People

Deaths Nil reported for this period.
Missing Persons Nil reported for this period.
Searches Nil reported for this period.

Evacuation Centres / Places of Refuge

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Community Recovery Hubs

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Community Safety Summary

Queensland Police Service

Submitted By Insp Mark Pengelly Date / Time 09/02/2019 14:45hrs

- 100 staff currently deployed and 250 on reserve if required.



Queensland Fire and Emergency Services

Submitted By Regina O'Toole Date / Time 09/02/2019 14:39hrs

- SES has received more than **194** requests for assistance in the last 24 hours to 1400hrs today.
- As at 1400hrs – **4,636** damage assessments completed.
- It is anticipated that all damage assessments in Townsville will be completed by tomorrow afternoon.
- **372** personnel and **75** vehicles currently deployed.
- As at 1400hrs - wash-out operations - **182** properties attended and **69** wash-outs completed.

Queensland Ambulance Service

Submitted By Monica Farrow Date / Time 09/02/2019 12:52hrs

- The State Incident Management Room is moving from Stand Up to **Lean Forward** at 1900hrs.
- **27** officers remain deployed to the Townsville LASN. **4** officers will be returning to this afternoon.
- **2** paramedics remain at the Heatley evacuation centre.

Health Summary

Queensland Health

Submitted By Nicole Mandalios Date / Time 09/02/2019 14:05hrs

- Implementing a dedicated recovery plan for monsoonal flooding in Townsville and surrounding areas to:
 - Maintain emergency capability and restore clinical services,
 - Monitor and mitigate public health risks and
 - Provide mental health support.
- Further clinical and mental health staff deployments scheduled for 11/02/19.

Power and Water Summary

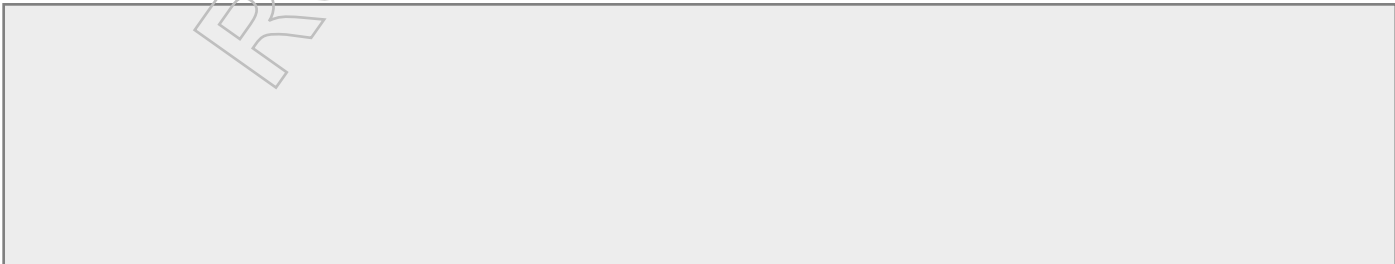
Transport Summary





Released under RTI - DPC

Communications and Information Technology Summary



Human / Social Summary

Department of Child Safety, Youth and Women

Submitted By Thomas Allsop Date / Time 09/02/2019 14:28hrs

- Child Safety and Youth Justice Service Centres in Townsville remain physically **closed** at this time. However, arrangements have been made to continue to provide services to clients.

Department of Communities, Disability Services and Seniors

Submitted By James Parker Date / Time 09/02/2019 13:32hrs

- PHAS and ESSRS was activated for the following for - Flinders, Richmond, McKinlay and Cloncurry Shire Councils today.
- **31,333** applications have been received for emergency hardship assistance.
- **21,749** calls to the Community Recovery Hotline to date.
- A fifth recovery hub is planned to open in Bluewater tomorrow.

Department of Education

Submitted By Dave Sheedy Date / Time 14:04hrs

- School **Closures** as at 1400hrs
 - **37** State Schools
 - **1** Catholic and Independent schools
 - **45** Early Childhood Early Care Centres

Department of Housing and Public Works

Submitted By Stacey McInnes Date / Time 09/02/2019 15:29hrs

- HPW is working closely with government agencies to coordinate the availability of commercial accommodation to make it available for displaced residents.
- HPW staff are on the ground at evacuation centres and recovery hubs assisting the community.
- BAS is co-ordinating the support provided by the Australian Defence Force and local contractors to expedite the recovery efforts and reopen schools to students as soon as possible.

State Update 22 for Active Monsoon FNQ as at 1600hrs on 09/02/2019

- The Residential Tenancy Authority is available to provide advice to tenants about what they are able to do if their rental has been damaged.
- The online QBCC North Queensland Flood Register allows homeowners to search for licenced contractors, including licensed asbestos removers and electrical trades to make homes safe, secure and habitable.

Environmental Summary

Department of Natural Resources, Mines and Energy

Submitted By Mark Rhimes Date / Time 09/02/2019 13:52hrs

- The 42 water monitoring river gauges (North West Queensland) remain **off line** due to larger satellite communication issue with fibre optic cable. Telstra are currently making necessary repairs with reconnection expected by late this afternoon.
- 41 staff deployed for Community Recovery with additional deployments planned for activation over coming days.

Sunwater

Submitted By Michael Hughes Date / Time 09/02/2019 13:59hrs

- At 0708hrs operational releases from Kinchant Dam ceased - monitoring ongoing.
- Operational releases from Kinchant Dam into the outlet channel continue. Current rate has been reduced to 250ML/day - monitoring ongoing.
- Burdekin Falls Dam water levels continue **rising** slowly. Currently, lake level is **160.460m, 6.46m** over spillway. Current dam capacity is **212.04%**. Lake level is not expected to exceed flood of record (160.85m).
- **Ross River Dam** – Automatic gate operations continue. The lake level is **falling** at **40.14m** Current dam capacity is **143%**.

Economic Summary

Department of State Development, Manufacturing, Infrastructure and Planning

Submitted By Vicki Battaglia Date / Time 09/02/2019 14:17hrs

- Participating in the Townsville DDMG, Townsville Local Recovery and Resilience Group, Economic Recovery Taskforce and associated sub-committees. DSDMIP is supporting the development of a Townsville Economic Recovery Plan and is leading the development of the Statewide Economic Recovery Plan.
- Economic Recovery Group (ERG) met on 07/02/19. The next meeting will be held late next week.

Department of Agriculture and Fisheries

Submitted By Vern Rudwick Date / Time 09/02/2019 12:43hrs

- ADF fodder program is commencing operations.
- ADF has positioned liaison officers (LOs) in Cloncurry, Julia Creek and Richmond. Another LO will arrive in Winton tomorrow.
- ADF LOs will work with LDMGs to coordinate taskings.
- AgForce is identifying producers in need of fodder drop.



State Update 22 for Active Monsoon FNQ as at 1600hrs on 09/02/2019

- LDMGs are identifying distribution points. ADF will deliver hay to distribution points that cannot be reached by road, for delivery by commercial operators. Initially this will be from exiting regional supplies and from Winton using hay delivered by Rural Aid.
- All LDMGs have been able to conduct deliveries using local hay and operators to date. All LDMGs have had enough hay to date.
- Richmond will receive a fuel delivery from ADF today.
- Cloncurry has enough fuel and fodder for now.

Other Agencies Summary



Approval

Prepared Senior Sergeant Tonya Graham - Operations

Approved Inspector Mark Pengelly - Commander

Next Report The next State Update will be issued at 0800hrs on 10/02/2019.





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Severe Weather Briefing

Saturday, 9th February 2019 – PM update





Key messages

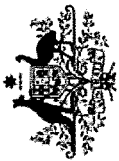
- Major flooding will continue along parts of the Flinders River for at least the next week.
- Flood warnings continue for numerous catchments across Queensland.
- Isolated areas of heavy rain and locally damaging winds remain a risk in thunderstorms today north of about Port Douglas.
- The severe weather risk has now decreased significantly and will remain low over the weekend.
- Temperatures will increase significantly and humidity will remain high over flood affected areas in the northeast, particularly mid next-week.
- At this stage, there is a very low (<5%) chance of a tropical cyclone forming in the Coral Sea over the coming days.



Recent conditions – 7 day rainfall records during this event

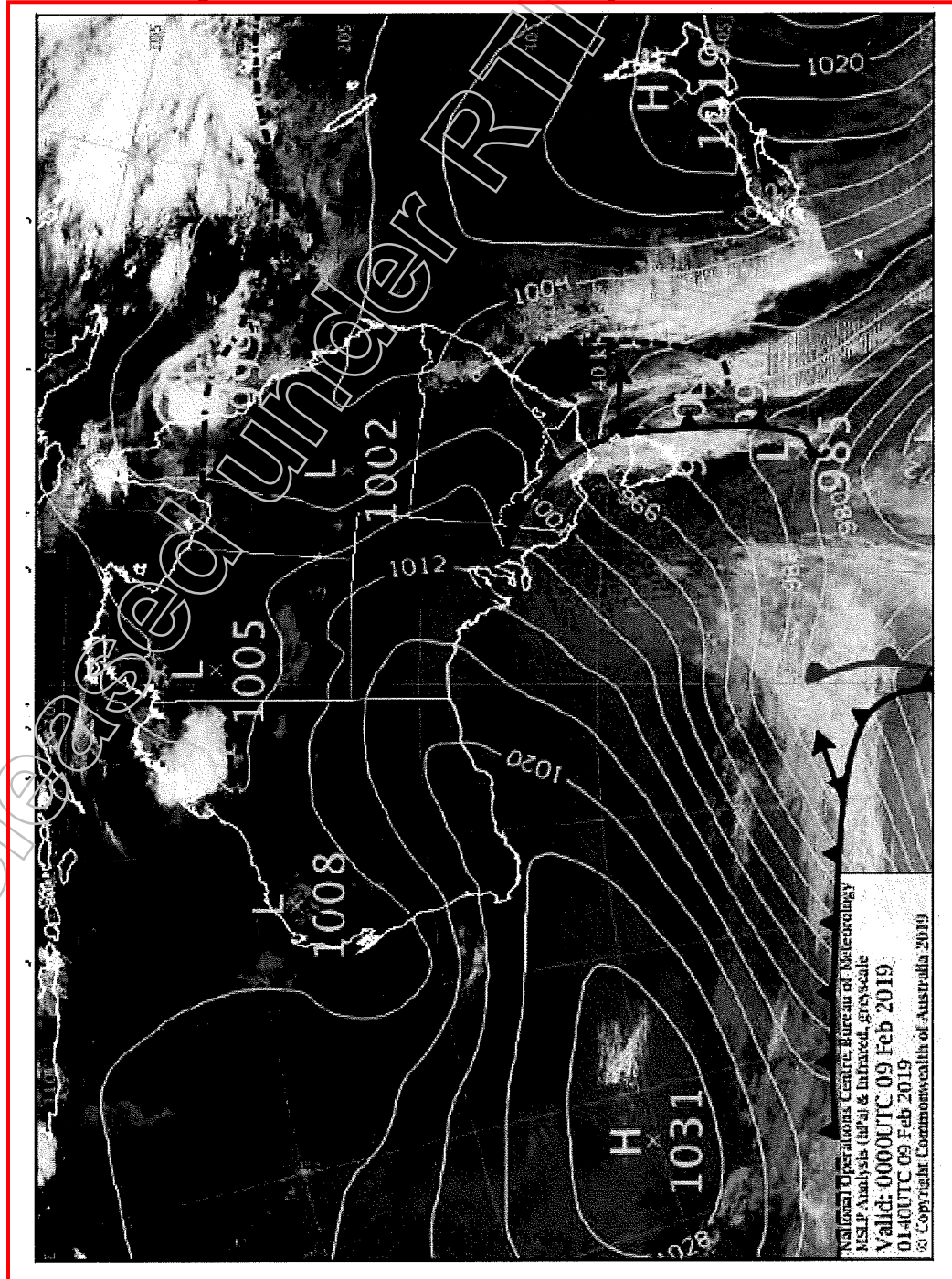
Location	Years of data	New record	End date of new record	Old record
Richmond Post Office	131	494.8mm	7 Feb	367.4mm
Halifax Macrossan St	122	1057.0mm	3 Feb	1054.9mm
Mingela Post Office	121	778.3mm	4 Feb	515.2mm
Townsville Aero	80	1052.8mm	4 Feb	886.2mm

- Upper Bluewater received 1852mm in 7 days making it the 12th highest 7 day rainfall total recorded in Queensland.
- Paluma Alert received 1758mm in 7 days making it the 15th highest 7 day rainfall total recorded in Queensland.



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Current situation – Satellite/Chart

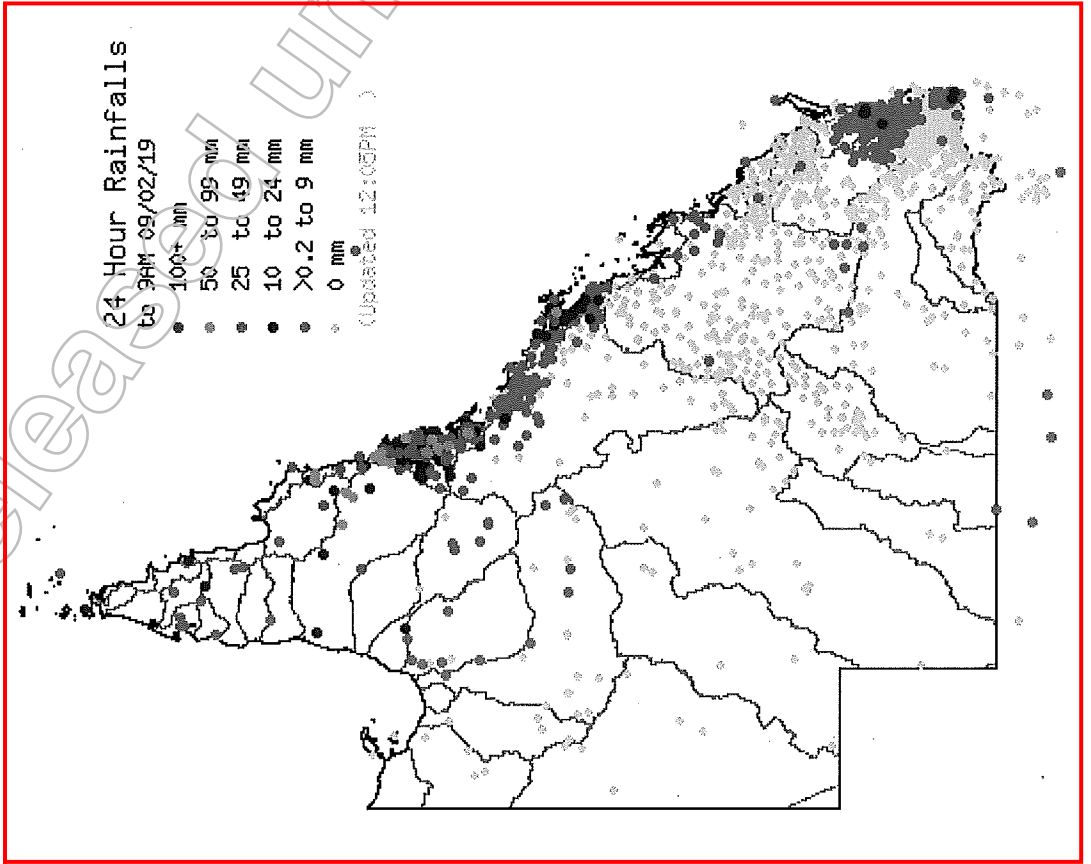


The tropical low over the Coral Sea will move further offshore through the weekend.

The monsoon burst is shifting into the northern Coral Sea and weakening over Queensland.



Recent conditions – Rainfall



Selected rainfall totals between 9am Friday and 9am Saturday:

- Palmer River 87mm
- Maitland DNS 87 mm
- Daintree Village 85mm
- Flaggy Creek 76mm
- Clyde Road 65mm

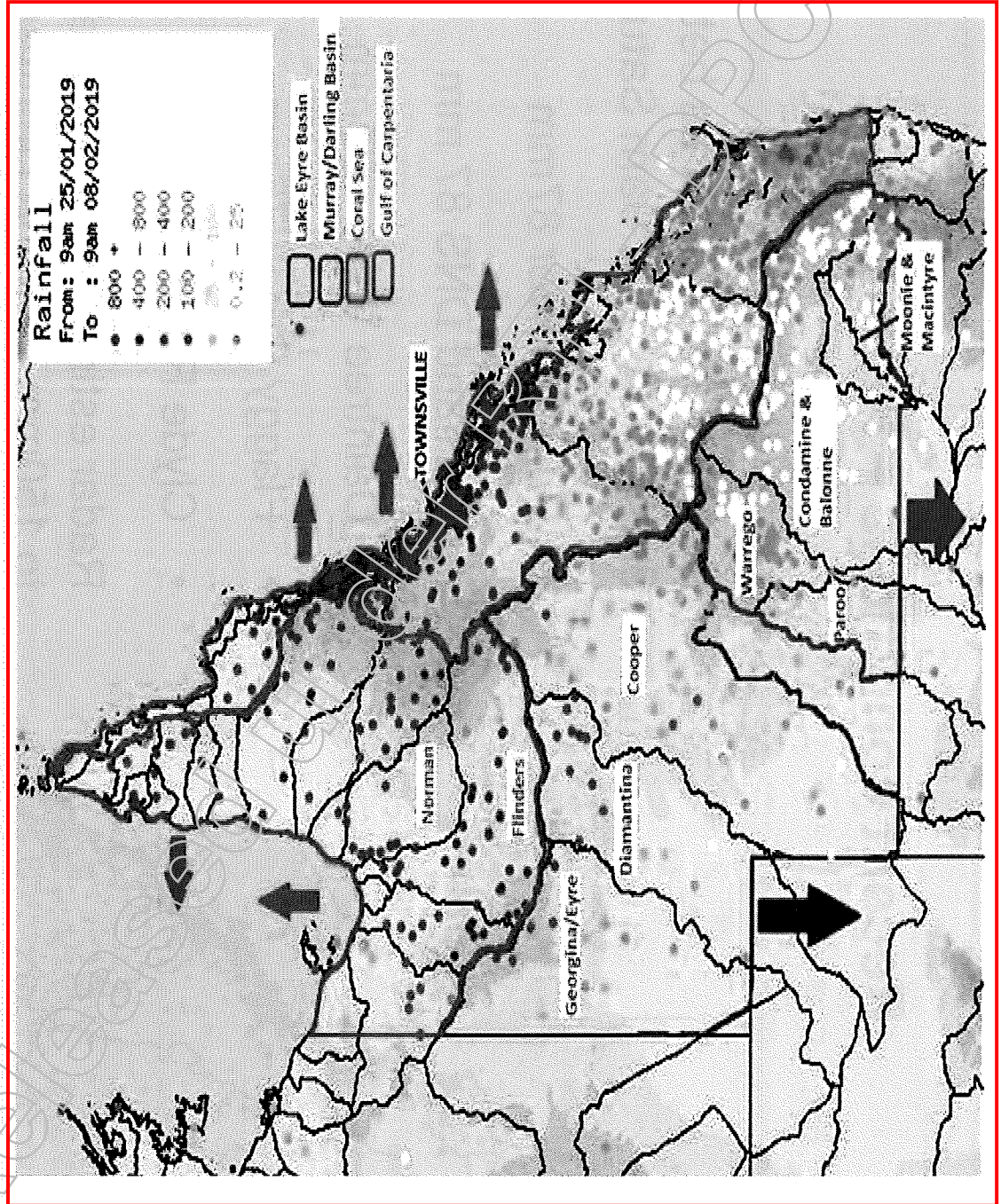
Radar estimated large area of 100 to 150mm over the Daintree River catchment (no rainfall gauges)



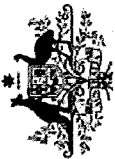
Rain and Flood Waters



Australian Government
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Not for public or media dissemination

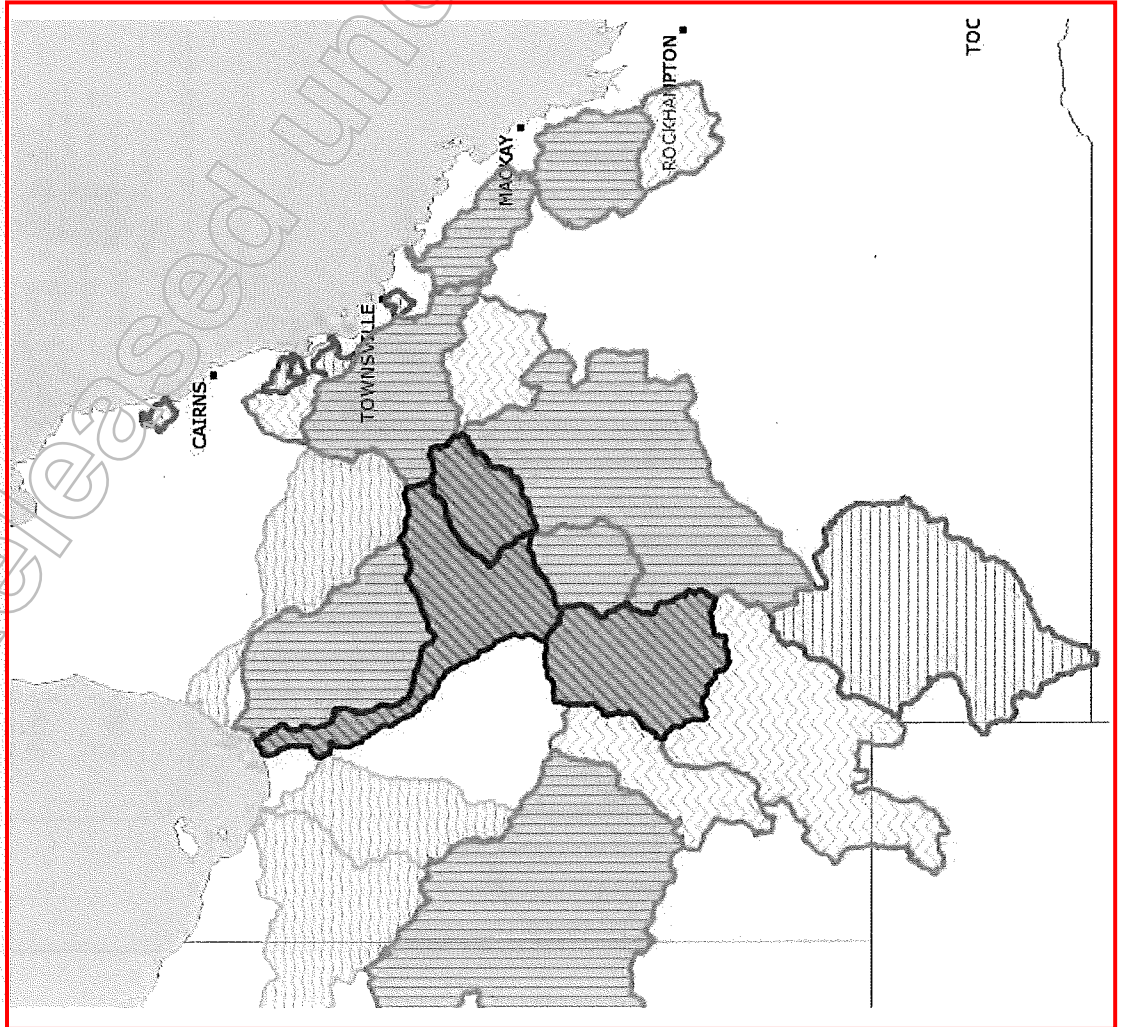


Australian Government
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Current Flood Watches/Warnings (as of 3pm AEST Saturday)



7



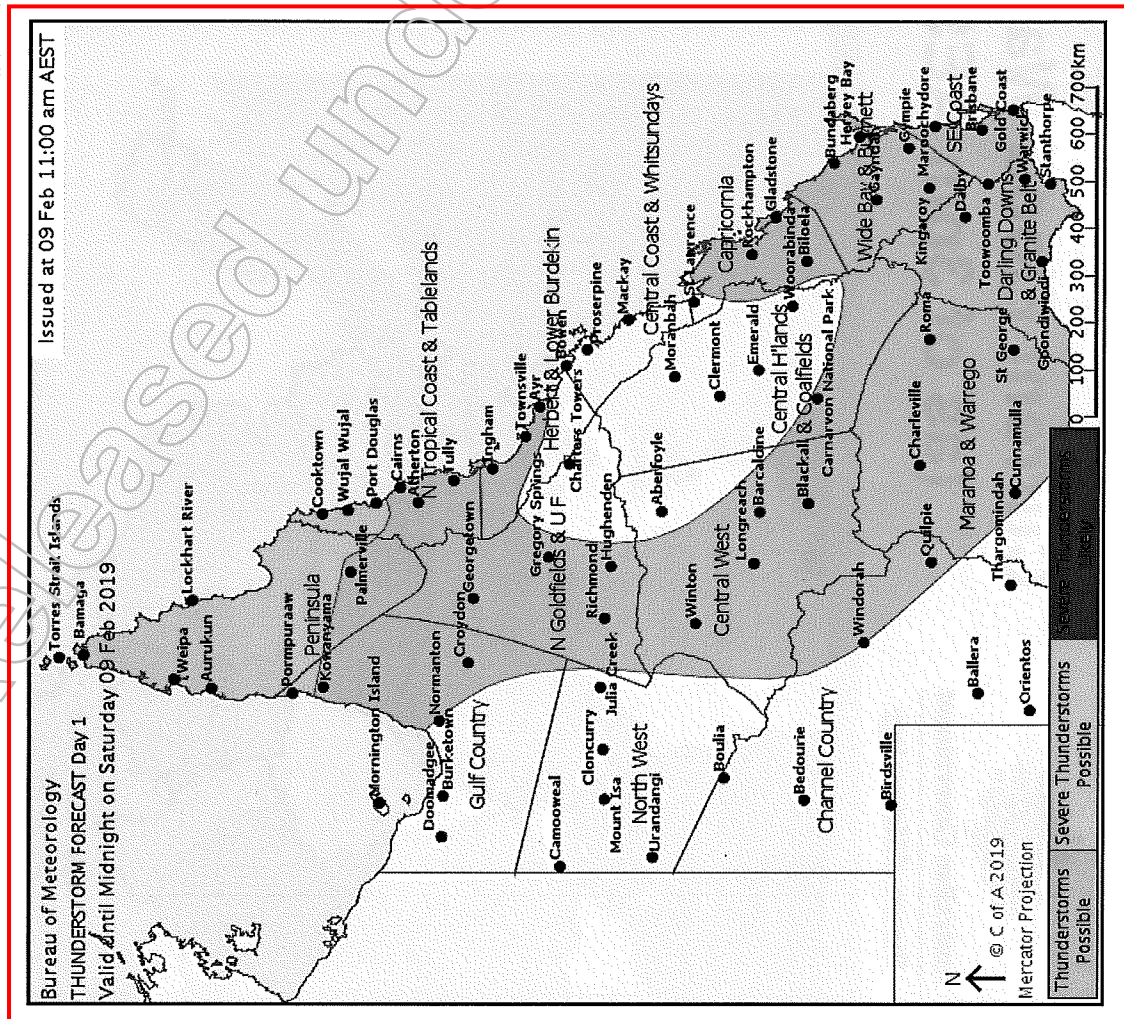
- Major for the Flinders and Leichardt Rivers, with at least moderate expected on the Norman River.
- Moderate for the Burdekin River below Burdekin Falls Dam.
- Minor flood levels on the Ross River are falling downstream of the dam at Aplin Weir.
- Major along the Diamantina River.
- Minor to moderate for various other catchments.



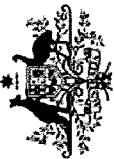
Australian Government
Bureau of Meteorology



Thunderstorm Forecast - today

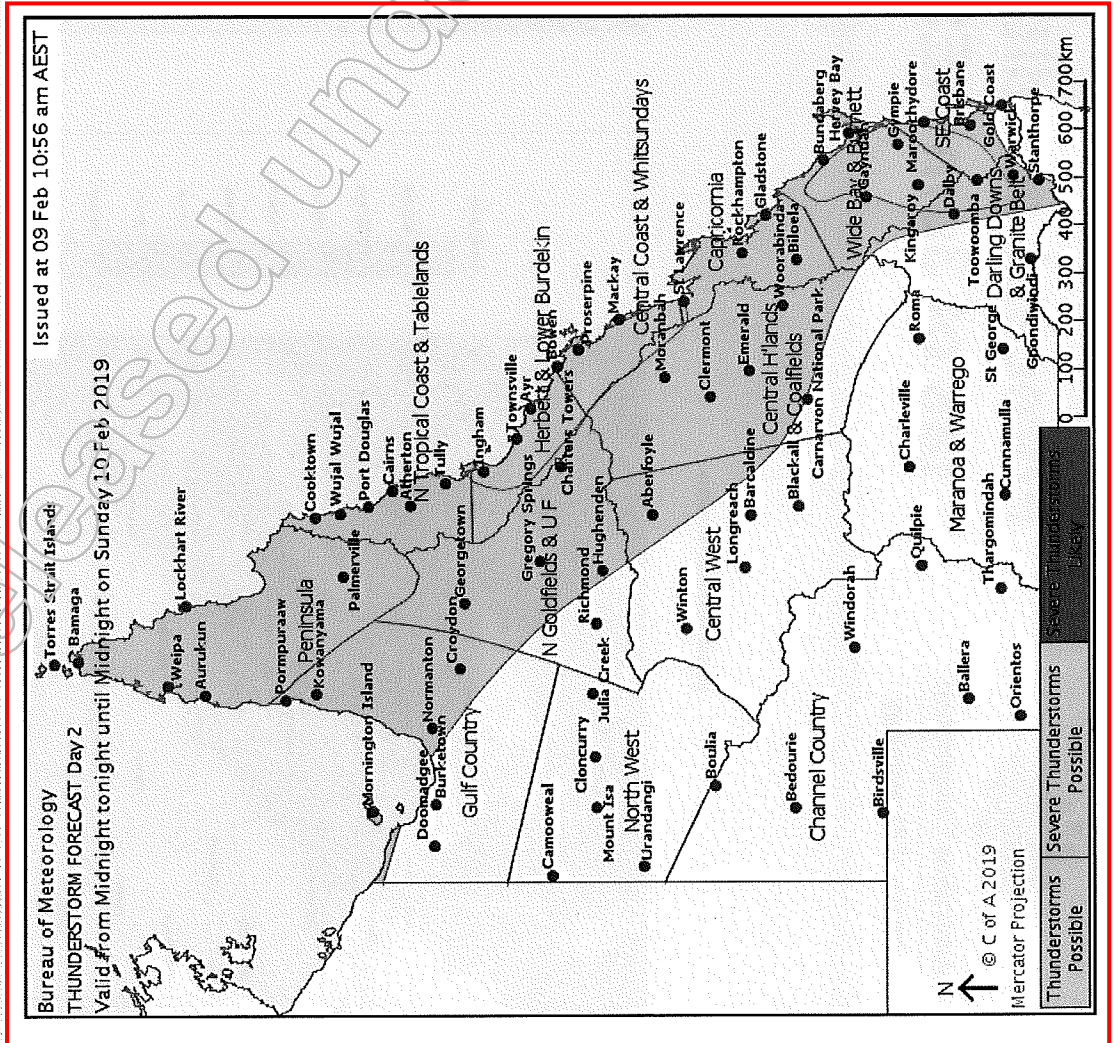


- Isolated areas of heavy rain and damaging winds are possible with thunderstorms across far north Queensland through remainder of today.
- Severe Thunderstorm Warnings will be issued as necessary.



Australian Government
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Thunderstorm Forecast - Sunday

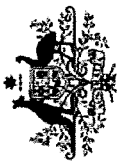


- Isolated storms with damaging winds and locally heavy rainfall possible across north Queensland, and also the southeast inland – overall coverage will be low.

- Severe Thunderstorm Warnings will be issued as necessary.

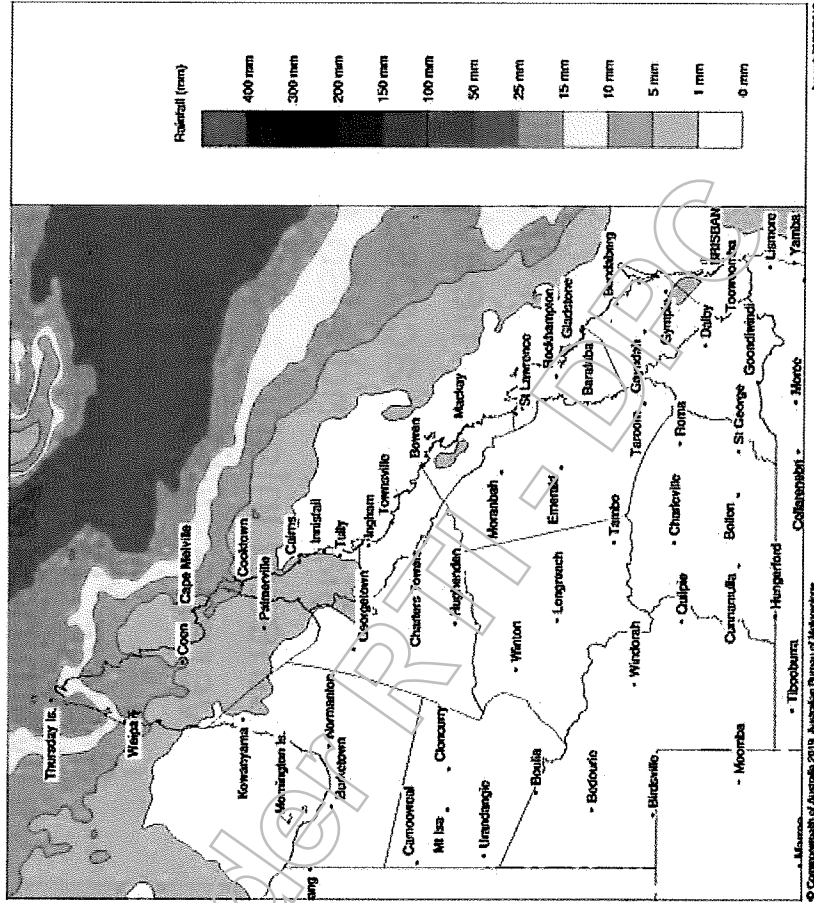


Forecast conditions – Rainfall (as of 3pm AEST Saturday)



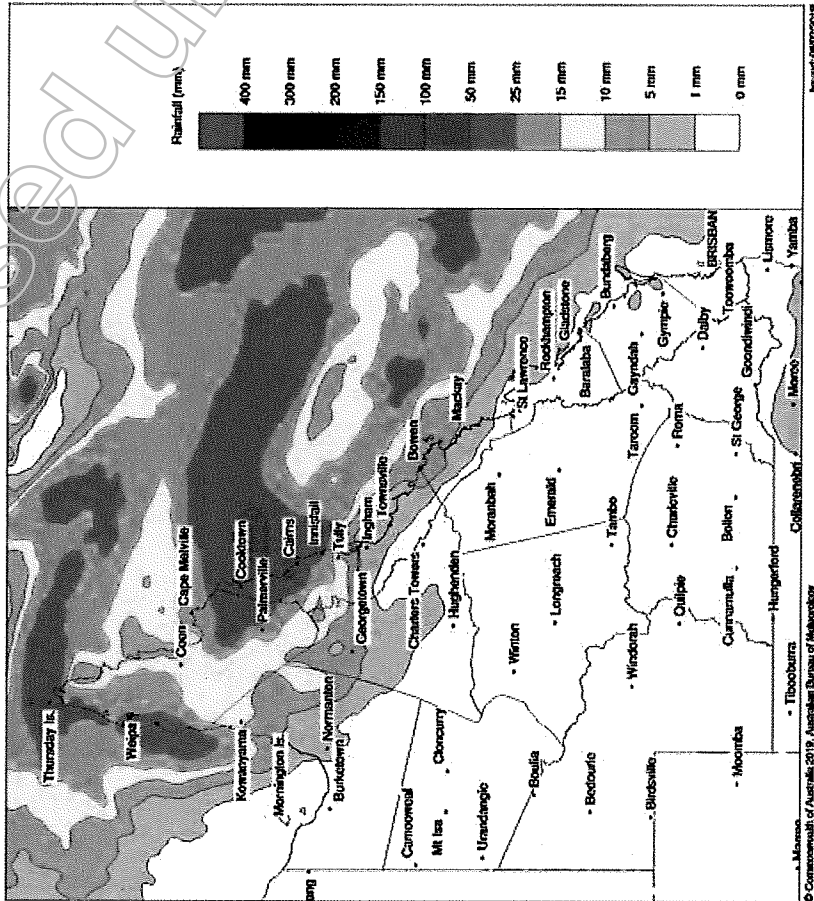
Australian Government
Bureau of Meteorology

Rainfall forecast for 10/02/2019



Sunday

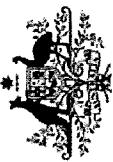
Rainfall forecast for 09/02/2019



Saturday

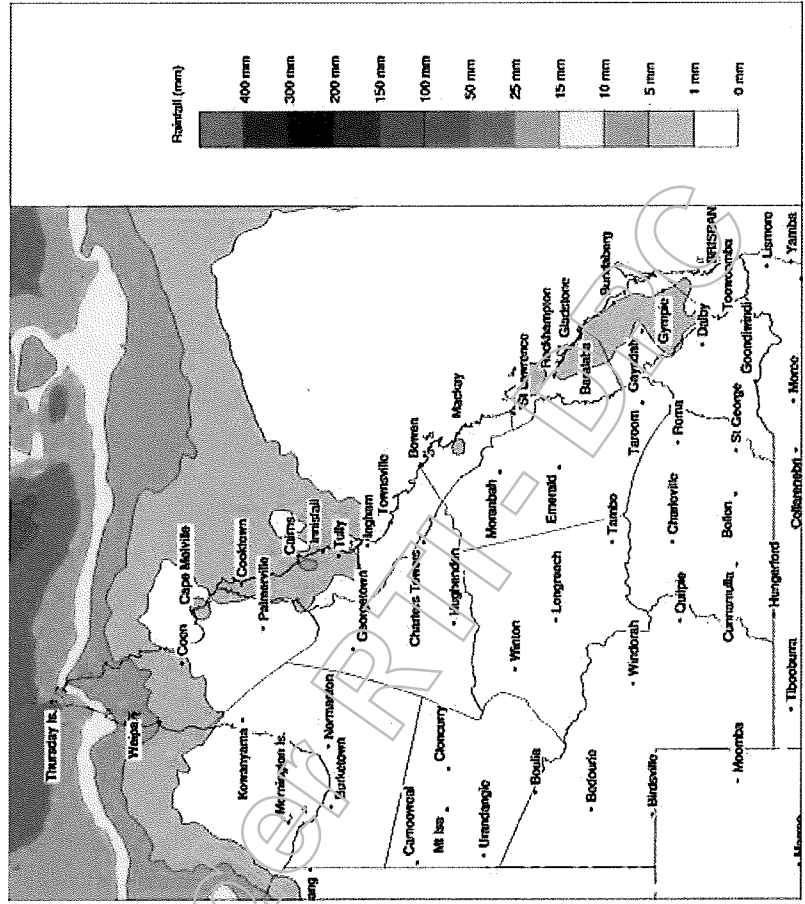


Forecast conditions – Rainfall (as of 3pm AEST Saturday)



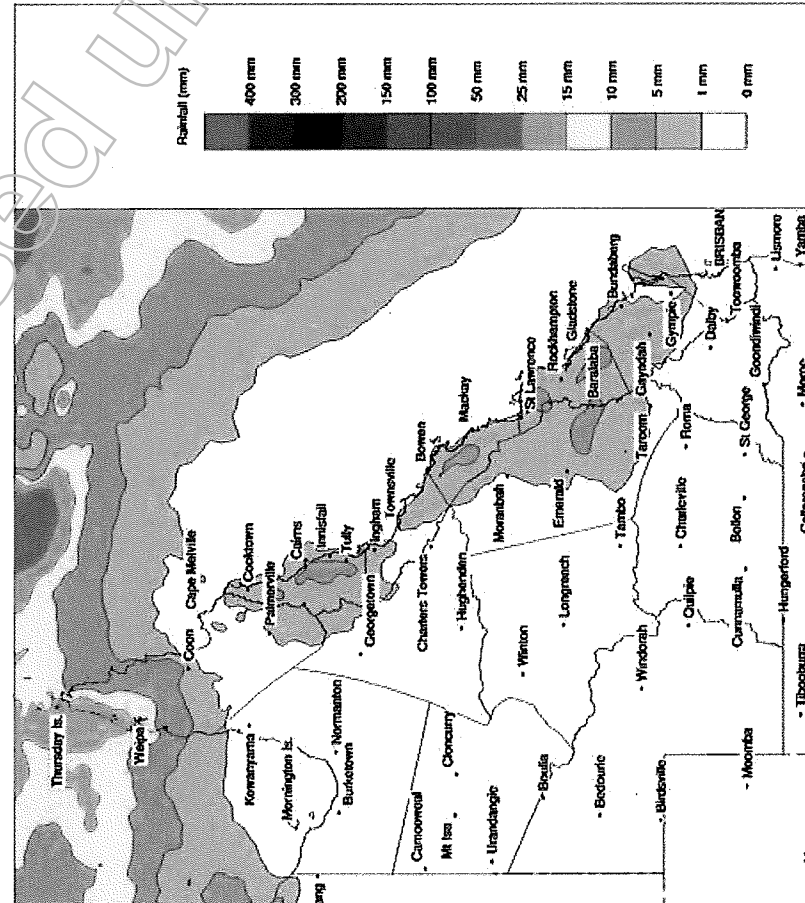
Australian Government
Bureau of Meteorology

Rainfall forecast for 12/02/2019



Tuesday

Rainfall forecast for 11/02/2019



Monday

Not for public or media dissemination

State Update

Event	Active Monsoon Far North Queensland		
State Update No.	23	Report ID	R13411621
Report From	1600hrs on 09/02/2019	Report To	0800hrs on 10/02/2019
Distribution	QDMC, SDCG, affected DDMGs and LDMGs		

Weather

Overview

- The monsoon trough extends across Cape York Peninsula to a Tropical Low situated in the northwest Coral Sea east of Cairns. The monsoon trough should gradually weaken and retreat northwards over the next few days.
- A **medium to high** chance of showers and thunderstorms across the far north Cape York Peninsula.
- Heavy falls remain possible in thunderstorms in the far north, but these should gradually ease as the monsoon flow weakens.

Hydrology

- **Flood watch** for areas north of Kowanyama to Port Douglas including Cape York Peninsula.
- Continual river rises are expected in the flood watch area over the next few days.

Warnings

- **Major flood warning** – Flinders River and Leichhardt River.
- **Moderate flood warning** – Norman River, Burdekin River, Georgina River, Isaac River Catchment and Western River.
- **Minor flood warning** – Daintree River, Herbert River, Murray River and Ross River.
- **Flood warning** – Nicholson River, Gregory River, Gilbert River and Diamantina River.

Current Status of Activations

State Activations

SDCC – STAND UP

	DDMGs	LDMGs
Stand Up	Townsville	Burdekin, Carpentaria, Flinders, McKinlay, Richmond, Townsville,
Lean Forward	Mount Isa	Burke, Etheridge, Hinchinbrook, Mount Isa, Palm Island, Wujal Wujal
Alert	Far North, Innisfail, Mackay	Aurukun, Boulia, Cairns, Cassowary Coast, Cook, Croydon, Douglas, Hope Vale, Mareeba, Mornington, Napranum, Northern Peninsula, Torres Strait, Weipa, Whitsunday, Yarrabah
Stand Down		



Disaster Declarations

DDMG	Declared	Expiration	Ended	Extension
Townsville	1745hrs on 31/01/2019	1745hrs on 14/02/2019		

People

Deaths Nil reported for this period.
Missing Persons Nil reported for this period.
Searches Nil reported for this period.

Evacuation Centres / Places of Refuge

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Community Recovery Hubs

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Community Safety Summary

Queensland Police Service

Submitted By Insp Mark Pengelly Date / Time 10/02/2019 06:30hrs

- A high profile policing presence is being maintained in and around impacted areas to ensure the safety and security of the community.

Queensland Fire and Emergency Services

Submitted By Janet Richardson Date / Time 10/02/2019 06:13hrs

- SES has received more than **478** requests for assistance in the last 24 hours to 0500hrs today.
- As at 0500hrs – **5,181** damage assessments completed.
- It is anticipated that all damage assessments in Townsville will be completed by Monday afternoon.
- Over **370** personnel and **75** vehicles currently deployed.

Queensland Ambulance Service

Submitted By Monica Farrow Date / Time 10/02/2019 05:44hrs

- The State Incident Management Room is at **Lean Forward**.
- Townsville LASN Local Ambulance Coordination Centre is at **Lean Forward**.
- **23** officers remain deployed to the Townsville LASN.

Health Summary

Queensland Health

Submitted By Brenda Patane Date / Time 10/02/2019 05:54hrs

- The SHECC remains at **Stand Up**.
- Townsville & North West HHSs are at **Lean Forward**.
- Central West & Mackay HHSs are at **Alert**.
- Forecasts indicate temperatures will increase significantly and humidity will remain high over flood affected areas. Queensland Health will provide heat health and safety messaging throughout the recovery phase, in addition to messages regarding post-flooding, mould, food safety and general clean-up safety.
- Medicine and vaccine supplies are currently being replenished at Townsville Hospital.

Power and Water Summary



Transport Summary



Communications and Information Technology Summary

Human / Social Summary

Department of Communities, Disability Services and Seniors

Submitted By James Parker Date / Time 10/02/2019 06:13hrs

- DRFA - Personal Hardship Assistance Scheme (PHAS) and/or Essential Services Safety and Reconnection Scheme (ESSRS) are activated for **11** Council areas. See <https://www.qra.qld.gov.au/activations> for details.
- **33,150** applications have been received for emergency hardship assistance.
- **22,772** calls to the Community Recovery Hotline to date.

Department of Education

Submitted By Dave Sheedy Date / Time 10/02/2019 06:13hrs

- School Closures as at 0600hrs
 - **37** State Schools
 - **1** Catholic and Independent schools
 - **45** Early Childhood Early Care Centres
- DoE will continue undertaking assessments to determine possible opening dates for schools with the aim to open as many schools as possible tomorrow (11/02/19). Advice will be provided as decisions are made.

Department of Housing and Public Works

Submitted By Stacey McInnes Date / Time 09/02/2019 20:42hrs

- Overnight HPW assisted **105** vulnerable displaced people with alternate accommodation.
- **227** requests received for emergency housing assistance.
- The HPW website and social media platforms have continued to amplify messages promoting available housing assistance. Housing support-related posts have reached almost 43,000 people.
- Housing staff deployed from other regions to assist with the event will be accommodated in Ayr to free up accommodation in Townsville.



Environmental Summary

Department of Natural Resources, Mines and Energy

Submitted By Mark Ryan Date / Time 10/02/2019 05:40hrs

- All 42 water monitoring river gauges are back on line.
- 46 staff deployed for Community Recovery with additional deployments planned over coming days.

Sunwater

Submitted By Michael Hughes Date / Time 10/02/2019 05:35hrs

- Emergency Action Plan (EAP) active for 6 dams – Burdekin Falls, Eungella, Julius, Ross River, Teemburra and Tinaroo Falls
- EAP for Kinchant Dam stood down at 2005hrs yesterday.
- Burdekin Falls Dam water levels are receding. As at 0155hrs lake level is 159.960m, 5.96m over spillway. Current dam capacity is 201%.
- Ross River Dam – Automatic gate operations continue. The lake level is falling at 39.86m. Current dam capacity is 135%.

Economic Summary

Department of Agriculture and Fisheries

Submitted By Vern Rudwick Date / Time 09/02/2019 18:23hrs

- Primary producer assistance under DRFA Category B has been activated, providing freight subsidies and concessional loans.
- Primary producer assistance under DRFA Category C has been activated, providing recovery grants. These recovery grants have been increased for this event from a maximum of \$25,000 to a maximum of \$75,000 per producer. Regulatory amendments to enable this increased grant are being fast tracked for Governor in Council this week.
- DAF has helped facilitate the establishment of the north west Queensland fodder drop operation announced by the Australian Government, and has local advisers assigned to LDMGs at Hughenden, Richmond, Julia Creek, Cloncurry and Winton.
- Richmond received a fuel delivery from ADF yesterday (09/02/19).
- Winton requires additional fuel - this is being addressed.

Other Agencies Summary



Approval

Prepared

Senior Sergeant Tonya Graham - Operations

Approved

Inspector Mark Pengelly - Commander

Next Report

The next State Update will be issued at 1600hrs on 10/02/2019.

Released under RTI - DPC



State Update

Event	Active Monsoon Far North Queensland		
State Update No.	24	Report ID	R13423521
Report From	0800hrs on 10/02/2019	Report To	1600hrs on 10/02/2019
Distribution	QDMC, SDCG, affected DDMGs and LDMGs		

Weather

Overview

- The monsoon trough extends across Cape York Peninsula to a Tropical Low situated in the northwest Coral Sea east of Cairns. The monsoon trough should gradually weaken and retreat northwards over the next few days.
- Heavy falls remain **possible** in thunderstorms in the far north, but these should gradually ease as the monsoon flow weakens.

Hydrology

- **Final Flood watch** for areas north of Kowanyama to Port Douglas including Cape York Peninsula issued at 1250hrs today.
- Areas of widespread heavy rainfall are no longer expected. River rises above the minor flood level are no longer anticipated across the flood watch area.
- Conditions are gradually drying across the flood watch area and are expected to return to normal Wet Season conditions across Cape York Peninsula.

Warnings

- **Major** flood warning – Flinders River.
- **Moderate** flood warning – Leichhardt River, Norman River, Burdekin River, Georgina River, Isaac River Catchment, Thomson River and Cooper Creek.
- **Minor** flood warning – Western River and Ross River.
- **Flood** warning – Nicholson River, Gregory River, Gilbert River and Diamantina River.
- **Final flood** warning - Daintree River, Herbert River and Murray River

Current Status of Activations

State Activations

SDCC – STAND UP

	DDMGs	LDMGs
Stand Up	Townsville	Burdekin, Carpentaria, Flinders, McKinlay, Richmond, Townsville
Lean Forward	Mount Isa	Burke, Etheridge, Hinchinbrook, Mount Isa, Palm Island, Wujal Wujal
Alert	Far North, Innisfail, Mackay	Aurukun, Boulia, Cairns, Cassowary Coast, Cook, Croydon, Douglas, Hope Vale, Mareeba, Napranum, Northern Peninsula, Torres Strait, Weipa, Whitsunday, Yarrabah
Stand Down		Mornington



State Update 24 for Active Monsoon FNQ as at 1600hrs on 10/02/2019

Disaster Declarations

DDMG	Declared	Expiration	Ended
Townsville	1745hrs on 31/01/2019	1745hrs on 14/02/2019	0922hrs on 10/02/2019

People

Deaths	Nil reported for this period.
Missing Persons	Nil reported for this period.
Searches	Nil reported for this period.

Evacuation Centres / Places of Refuge

Community Recovery Hubs

Community Safety Summary

Queensland Police Service

Submitted By Insp Mark Pengelly Date / Time 10/02/2019 14:16hrs

- 101 staff currently deployed with 259 in reserve.
- Second wave of transition staff commenced today and will continue through Monday and Tuesday.



State Update 24 for Active Monsoon FNQ as at 1600hrs on 10/02/2019

Queensland Fire and Emergency Services

Submitted By Regina O'Toole Date / Time 10/02/2019 14:16hrs

- As at 1400hrs - **6,022** damage assessments completed.
- SES has received more than **481** requests for assistance in the last 24 hours to 1400hrs today.
- QFES continue wash-out operations in Townsville with **292** properties attended and **132** wash-outs completed as at 1300hrs today.
- Over **410** QFES personnel and **75** vehicles are deployed and on the ground today.

Health Summary

Queensland Health

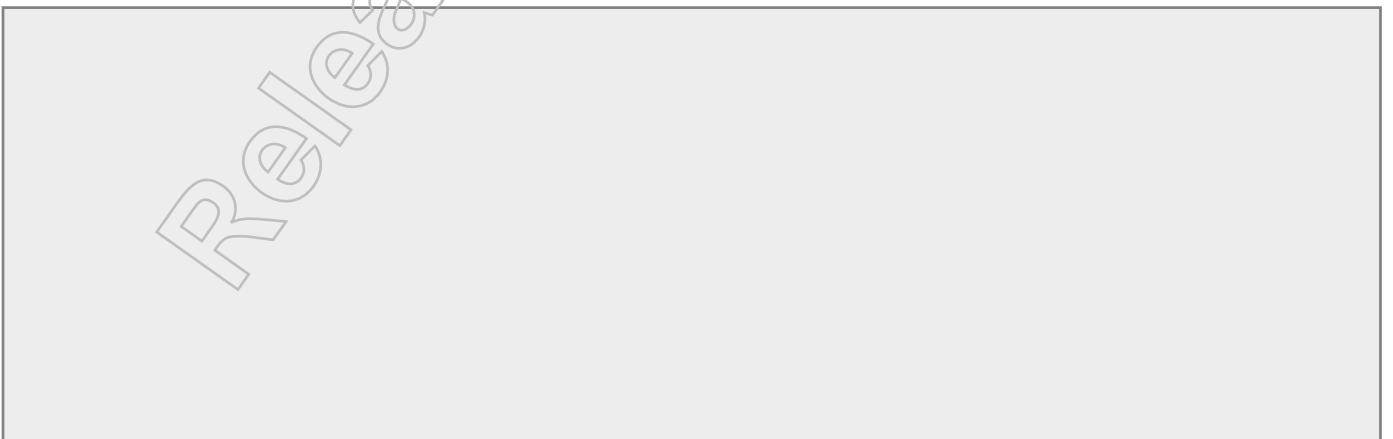
Submitted By Brenda Patane Date / Time 10/02/2019 14:01hrs

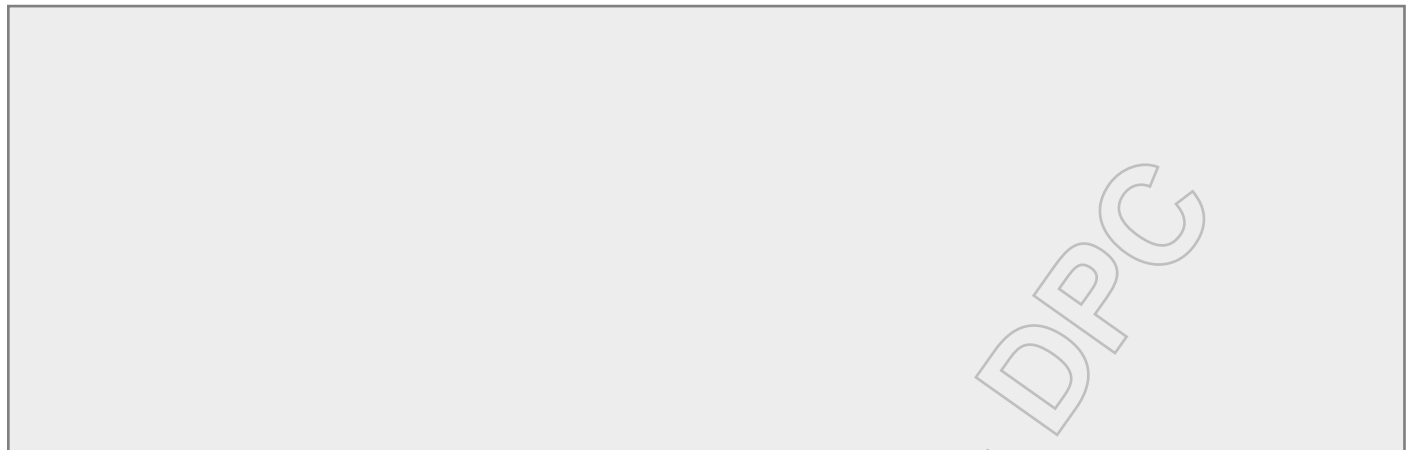
- Townsville Hospital - Routine services and elective surgeries are gradually resuming and the hospital will return to full service from tomorrow.

Power and Water Summary

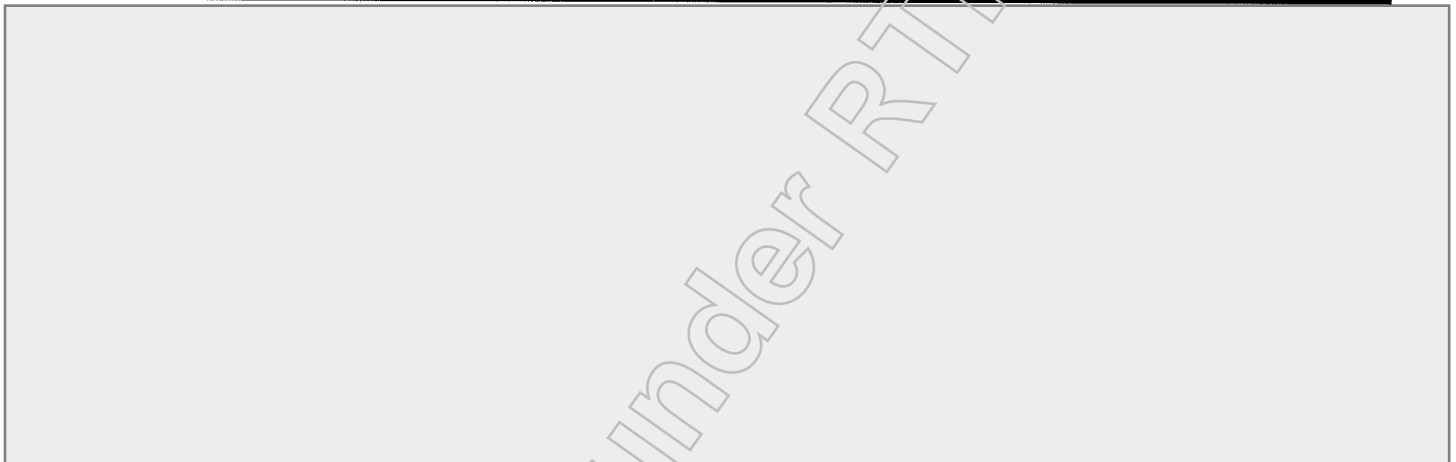


Transport Summary





Communications and Information Technology Summary



Human / Social Summary

Department of Communities, Disability Services and Seniors

Submitted By James Parker Date / Time 10/02/2019 13:48hrs

- 34,059 applications have been received for emergency hardship assistance.
- 23,216 calls to the Community Recovery Hotline.

Department of Education

Submitted By Dave Sheedy Date / Time 10/02/2019 13:49hrs

- School Closures as at 1400hrs
 - 37 State Schools
 - 1 Catholic and Independent schools
 - 34 Early Childhood Early Care Centres
- DoE, Recovery Coordinator, continues to liaise with the effected Regions to ensure arrangements are made for displaced students due to damage to schools.



Environmental Summary

Department of Environment and Science

Submitted By Chris Loveday Date / Time 10/02/2019 13:33hrs

- Currently responding to a train derailment approximately 60km East of Julia Creek. DES is continuing to work with Queensland Rail, Pacific National and Glencore to support the recovery process for this incident.
- A number of national parks are closed due to the current weather events.
- Ingham and Jourama offices are closed until further notice.
- Queensland Nickel continues to retain significant capacity in the tailings storage facility with nil rainfall recorded at the Yabulu QLD Nickel Station overnight. A site inspection is planned for tomorrow.
- **Baal Gammon (Copper Mine)** – Authorised departmental officers have returned to the site today to oversee water treatment in the mine pit. Will obtain further samples from contaminated water releases to Jamie Creek from the mine site. The risk to the receiving environment is considered **high**.
- A number of mining and industrial operations have been impacted by inundation and have commenced discharging potentially contaminated water to the environment. As at 1130hrs there have been no significant reports of any new discharge events.

Sunwater

Submitted By Michael Hughes Date / Time 10/02/2019 13:36hrs

- Emergency Action Plan (EAP) **active** for 6 dams – Burdekin Falls, Eungella, Julius, Ross River, Teemburra and Tinaroo Falls.
- Burdekin Falls Dam water levels are **receding**. As at 1300hrs lake level is **159.510m**, **5.95m** over spillway. Current dam capacity is **191%**.
- **Ross River Dam** – Automatic gate operations continue. The lake level is **falling** at **39.73m**. Current dam capacity is **131%**.

Economic Summary

Department of State Development, Manufacturing, Infrastructure and Planning

Submitted By Vicki Battaglia Date / Time 10/02/2019 13:48hrs

- A draft economic recovery plan is expected from Townsville City Council early this week.
- A second Economic Recovery Group meeting will be held later this week.
- DSDMIP is working closely with DESBT to open a small business recovery centre in the Townsville CBD tomorrow (11/2/19).
- DSDMIP staff will support the centre during its establishment and gather information on impacts to all sectors.

Department of Agriculture and Fisheries

Submitted By Janine Waldoock Date / Time 10/02/2019 13:57hrs

- Fodder is being delivered to isolated properties.
- Currently AgForce have received over **125** requests for assistance to support approximately 90,000 head of cattle.
- Rural Aid have **9** road trains of fodder arriving in Winton today with more arrivals scheduled for next week.

State Update 24 for Active Monsoon FNQ as at 1600hrs on 10/02/2019

- 2 fodder loads will remain in Winton for local distribution the remainder will be delivered via road to strategic staging points in Cloncurry and McKinlay Shires for further distribution via helicopter to producers.
- A Biosecurity Queensland officer has been arranged to assist McKinlay Shire Council with carcass disposal.

Other Agencies Summary



Approval

Prepared Senior Sergeant Tonya Graham – Operations.

Approved Inspector Mark Pengelly – Commander.

Next Report The next State Update will be issued at 0800hrs on 11/02/2019.

Released under RTI - DPG



State Update

Event	Active Monsoon Far North Queensland		
State Update No.	25	Report ID	R13433521
Report From	1600hrs on 10/02/2019	Report To	0800hrs on 11/02/2019
Distribution	QDMC, SDCG, affected DDMGs and LDMGs		

Weather

Overview

- The monsoon trough extends across Cape York Peninsula to the east tropical coast of Queensland and should gradually weaken and retreat northwards over the next few days.
- A tropical low lies over the central Coral Sea well to the east of Cairns and will move further to the east-southeast in the coming days.

Hydrology

- Final flood watch for areas north of Kowanyama to Port Douglas including Cape York Peninsula.
- Areas of widespread heavy rainfall are no longer expected. River rises above the minor flood level are no longer anticipated across the flood watch area.
- Conditions are gradually drying across the flood watch area and are expected to return to normal Wet Season conditions across Cape York Peninsula.

Warnings

- **Major** flood warning – Flinders River.
- **Moderate** flood warning – Norman River, lower Burdekin River, Georgina River, Isaac River Catchment, Thomson River and Cooper Creek.
- **Minor** flood warning – Western River and Ross River.
- **Flood** warning – Leichhardt River, Nicholson River, Gregory River, Gilbert River and Diamantina River.

Current Status of Activations

State Activations

SDCC – STAND UP

	DDMGs	LDMGs
Stand Up	Townsville	Burdekin, Carpentaria, Flinders, McKinlay, Richmond, Townsville
Lean Forward	Mount Isa	Burke, Etheridge, Hinchinbrook, Mount Isa, Palm Island, Wujal Wujal
Alert	Far North, Innisfail, Mackay	Aurukun, Boulia, Cairns, Cassowary Coast, Cook, Croydon, Douglas, Hope Vale, Mareeba, Napranum, Northern Peninsula, Torres Strait, Weipa, Whitsunday, Yarrabah
Stand Down		



State Update 25 for Active Monsoon FNQ as at 0800hrs on 11/02/2019

Disaster Declarations

DDMG	Declared	Expiration	Ended
Townsville	1745hrs on 31/01/2019	1745hrs on 14/02/2019	0922hrs on 10/02/2019

People

Deaths	Nil reported for this period.
Missing Persons	Nil reported for this period.
Searches	Nil reported for this period.

Community Recovery Hubs

Community Safety Summary

Queensland Police Service

Submitted By Insp John Bosnjak Date / Time 11/02/2019 07:00hrs

- 102 staff currently deployed with 259 remaining in reserve.

Queensland Fire and Emergency Services

Submitted By Wendy Rogers Date / Time 11/02/2019 06:17hrs

- As at 0500hrs – 6,828 damage assessments completed.
- SES has received more than 473 requests for assistance in the last 24 hours to 0500hrs today.
- QFES continue wash-out operations in Townsville with 381 properties attended and 156 wash-outs completed as at 0500hrs today.
- Over 410 QFES personnel and 75 vehicles remain deployed and on the ground today.

State Update 25 for Active Monsoon FNQ as at 0800hrs on 11/02/2019

Queensland Ambulance Service

Submitted By Monica Farrow Date / Time 11/02/2019 05:48hrs

- 13 officers are currently deployed in Townsville;
- 5 officers will demobilise from Townsville and arrive in Brisbane today
- A LARU officer is supporting a QFES/ADF recovery HQ at Reid Park, Boundary Street in South Townsville.

Health Summary

Queensland Health

Submitted By Brenda Patane Date / Time 11/02/2019 05:44hrs

- 35 clinicians, public health and mental health staff deployed to affected areas, with an **additional 12** mental health staff requested. Further clinical and mental health deployments are scheduled for today.
- Mental Health and Public Health staff are accompanying the door knock being led by DCDSS across flood-affected suburbs, in particular Rosslea.
- Public Health Units have consulted with councils in relation to managing deceased livestock around townships and water sources. No issues have been noted.
- Environmental Health Officers are attending affected businesses such as food businesses and pharmacies to ensure they meet public health requirements to safely open.
- Townsville Public Health Unit is liaising with Townsville City Council regarding a mosquito management plan. Increased activity has commenced 10 February 2019, including treatments at schools.
- Townsville Public Health Unit has met with Education Queensland officials to discuss and manage health risks in affected properties.

Power and Water Summary

Transport Summary



Released under RTI - DPC



Communications and Information Technology Summary

Human / Social Summary

Department of Communities, Disability Services and Seniors

Submitted By James Parker Date / Time 10/02/2019 18:11hrs

- Establishing a Pop-up Recovery Hub at Palm Island today - subject to weather.
- Ready Reserves in Cloncurry are continuing to liaise with agencies, community groups and Councils in regards to establishing recovery services in the North West.
- The Royal Flying Doctors Service has established a hotline to provide counselling/support to personnel supporting the recovery effort in NWQ.
- North West Remote Health Service Ltd have been engaged to provide one psychologist to work across the Cloncurry and McKinlay communities. A mental health worker will work across the communities of Richmond and Flinders. Subject to access, these services will commence today.
- The Australian Disaster Recovery Payment and the Disaster Recovery Allowance administered by the Australian Government will be available for individuals in the LGA's of Burke, Charters Towers, Cloncurry, Flinders, McKinlay, Palm Island, Richmond and Winton.
- **34,657** applications have been received for emergency hardship assistance.
- **24,097** calls to the Community Recovery Hotline.

Department of Education

Submitted By Dave Sheedy Date / Time 11/02/2019

- School Closures as at 0600hrs
 - **21** State Schools
 - **34** Early Childhood Early Care Centres.
- Continuing assessments to determine possible opening dates for schools with the aim to open as many schools as possible tomorrow (12/02/19). Advice will be provided as decisions are made today.

Department of Housing and Public Works

Submitted By Kaelene Clarke Date / Time 10/02/2019 19:35hrs

- HPW continues to support all agencies to ensure hotel rooms vacated by government staff are available for vulnerable displaced residents.
- HPW has relaxed the eligibility criteria to access housing products, including bond loans.
- HPW is working closely with government agencies to coordinate the availability of commercial accommodation to make it available for displaced residents.

- Overnight HPW assisted **154** vulnerable displaced people with alternate accommodation.
- HPW has received **254** requests for emergency housing assistance.
- BAS is co-ordinating the support provided by the Australian Defence Force and local contractors to expedite the recovery efforts and reopen schools to students as soon as possible.
- The Residential Tenancy Authority is available to provide advice to tenants about what they can do if their rental has been damaged.
- QBCC North Queensland Flood Register is available for local licenced tradespeople to register their availability to assist with repairs on damaged properties.

Environmental Summary

Sunwater

Submitted By Michael Hughes Date / Time 11/02/2019 05:23hrs

- Sunwater's Operation Centre is still on 24 hour stand up, with ongoing monitoring of all storages.
- Ross River dam is still on 24 hour on ground operational rosters.
- Currently **6** of Sunwater's dams are spilling including Burdekin Falls Dam, Teemburra Dam, Ross River Dam, Tinaroo Falls Dam, Eungella Dam and Julius Dam.
- All of Sunwater storage lake levels are currently **falling**, pending any further rainfall.

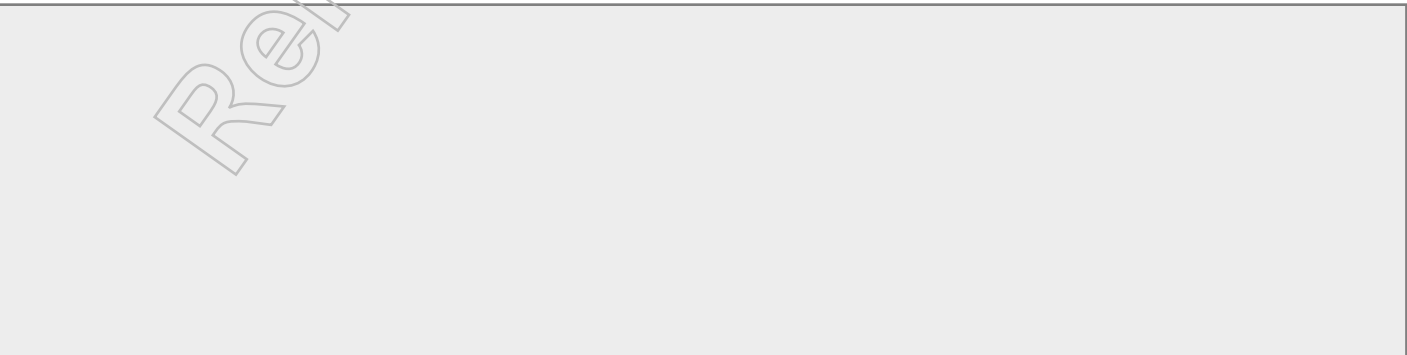
Economic Summary

Department of Agriculture and Fisheries

Submitted By Vern Rudwick Date / Time 10/02/2019 17:17hrs

- An active fodder drop program coordinated through LDMGs at Flinders, Richmond, McKinlay, Cloncurry and Winton Shires is delivering fodder to stranded livestock.
- Most original requests for fodder drops have been completed and it is expected that remaining will be completed today, with new requests and secondary drops also occurring. As road access improves producers will be able to organise their own fodder deliveries, including fodder drops and are able to access the DRFA Category C grants for this purpose.
- As floodwaters move into Burke and Carpentaria Shires the focus for fodder drops may shift northwards.
- A Biosecurity Queensland officer will arrive in Julia Creek on today to help develop a carcass disposal prioritisation plan across the impacted Shires. An Oversight Group of State and Federal agencies will provide support to local government to implement the plan.

Other Agencies Summary



State Update 25 for Active Monsoon FNQ as at 0800hrs on 11/02/2019



Approval

Prepared

Senior Sergeant Tonya Graham – Operations.

Endorsed

Inspector John Bosnjak – Operations Coordinator.

Approved

Superintendent Shane Holmes – Commander.

Next Report

The next State Update will be issued at 0800hrs on 12/02/2019.

Released under RTI - DPC



State Update

Event	Active Monsoon Far North Queensland		
State Update No.	26	Report ID	R13447021
Report From	0800hrs on 11/02/2019	Report To	0800hrs on 12/02/2019
Distribution	QDMC, SDCG, affected DDMGs and LDMGs		

Weather

Overview

- The monsoon trough has weakened over the far north.
- A tropical low lies over the far eastern Coral Sea near Vanuatu

Warnings

- **Major** flood warning – Flinders River.
 - **Moderate** flood warning – Norman River, Georgina River, Isaac River Catchment, Thomson River and Cooper Creek.
 - **Minor** flood warning – lower Burdekin River and Ross River.
- Flood** warning – Leichhardt River, Nicholson River, Gregory River, Gilbert River and Diamantina River.

Current Status of Activations

State Activations SDCC – STAND UP

	DDMGs	LDMGs
Stand Up	Townsville	Carpentaria, Flinders, Richmond
Lean Forward	Mount Isa	Burke, Etheridge, Hinchinbrook, Mount Isa, Wujal Wujal
Alert	Far North	Aurukun, Boulia, Burdekin, Cairns, Croydon, Mareeba, McKinlay, Torres Strait, Townsville, Weipa, Whitsunday
Stand Down	Innisfail, Mackay	Cassowary Coast, Cook, Douglas, Hope Vale, Napranum, Northern Peninsula, Palm Island, Yarrabah

People

Deaths Nil reported for this period.
Missing Persons Nil reported for this period.
Searches Nil reported for this period.



Community Recovery Hubs

Community Safety Summary

Queensland Police Service

Submitted By Insp John Bosnjak Date / Time 12/02/2019 07:00hrs

- 100 staff currently deployed with 187 remaining in reserve.
- Second wave of transition continues today.

Queensland Fire and Emergency Services

Submitted By Wendy Rogers Date / Time 12/02/2019 06:13hrs

- As at 0500hrs – 7,794 damage assessments completed.
- SES has received more than 417 requests for assistance in the last 24 hours to 0500hrs today.
- QFES continue wash-out operations in Townsville with 783 properties attended and 197 wash-outs completed as at 0500hrs today.
- Over 500 QFES personnel and 75 vehicles remain deployed.

Queensland Ambulance Service

Submitted By Monica Farrow Date / Time 12/02/2019 05:51hrs

- The State Incident Management Room has moved to **Stand Down**.
- The final deployees will return to Brisbane today.
- The Townsville LASN continues supporting agencies in recovery.



Health Summary

Queensland Health

Submitted By Brenda Patane Date / Time 12/02/2019 05:49hrs

- Implementing a recovery plan for flooding in Townsville and surrounding areas and a dedicated Mental Health Response Plan for affected persons in North, Far North and Western Queensland.
- SHECC continues to coordinate deployments of HHS clinical, public health and mental health staff into flood affected areas to support capacity and recovery activities.
- Public Health Units and the Department of Health are continuing to liaise with councils and other government agencies to manage the handling and disposal of deceased livestock.
- Townsville Public Health Unit continues work with Townsville City Council implementing the mosquito management plan.

Power and Water Summary

Transport Summary





Communications and Information Technology Summary



Released under RTI - DPC



Human / Social Summary

Department of Communities, Disability Services and Seniors

Submitted By James Parker Date / Time 12/02/2019 05:58hrs

- Yesterday, the department requested activation of the PHAS and ESSRS for rural areas (excluding township) of Winton Shire as requested by the Mayor.
- 7 Ready Reserves in Cloncurry are continuing to liaise with agencies, community groups and Councils in regards to establishing recovery services in the North West.
- The Royal Flying Doctors Service has established a hotline to provide counselling/support to personnel supporting the recovery effort in NWQ.
- Effective from 1700hrs yesterday, there is a free telephone counselling service for anyone affected through the NQ Connect helpline. The helpline will operate 24/7 on phone 1300 059 625 and will connect callers directly to mental health clinicians.
- North West Remote Health Service Ltd have been engaged to provide one psychologist to work across the Cloncurry and McKinlay communities. A mental health worker will work across the communities of Richmond and Flinders.
- Further Community Recovery Hubs are being considered for Flinders and McKinlay Shires. Richmond Shire have requested a slow approach to recovery to allow community members to focus on immediate priorities.
- 37,362 applications have been received for emergency hardship assistance.
- 28,414 calls to the Community Recovery Hotline.

Department of Education

Submitted By Dave Sheedy Date / Time 12/02/2019 06:07hrs

- School Closures as at 0600hrs
 - 6 State Schools
 - 26 Early Childhood Early Care Centres.
- Continue cleaning and repair work to determine possible opening dates for schools with the aim to open as many schools as possible tomorrow.
- Executive Response Team (ERT) and Executive Coordination Centre (ECC) have moved to **Stand Down**.

Department of Housing and Public Works

Submitted By Kaelene Clarke Date / Time 18:59hrs

- HPW is meeting with the Townsville Mayor and the State Recovery Coordinator or his deputy today to provide a briefing on the department's Housing Response to the Townsville event.
- HPW has relaxed the eligibility criteria to access housing products, including bond loans.
- HPW is working closely with government agencies to coordinate the availability of commercial accommodation to make it available for displaced residents.
- HPW has received 285 requests for emergency housing assistance, 91 have been closed.
- HPW has staff on the ground are working closely with emergency housing assistance applicants to gain an accurate understanding of their longer-term requirements.
- HPW has engaged 112 contractors to rectify government assets, 98% are local.

Environmental Summary

Sunwater

Submitted By Michael Hughes Date / Time 12/02/2019 05:51hrs

- Sunwater's Operation Centre is now **stood down** and back to business as usual.
- Ross River dam is still on 24hr on ground operational rosters until gates close.
- 6 Sunwater dams remain spilling - Burdekin Falls Dam, Teemburra Dam, Ross River Dam, Tinaroo Falls Dam, Eungella Dam, and Julius Dam.
- All of Sunwater storage lake levels are falling (pending rainfall).

Economic Summary

Department of State Development, Manufacturing, Infrastructure and Planning

Submitted By Vicki Battaglia Date / Time 11/02/2019 15:19hrs

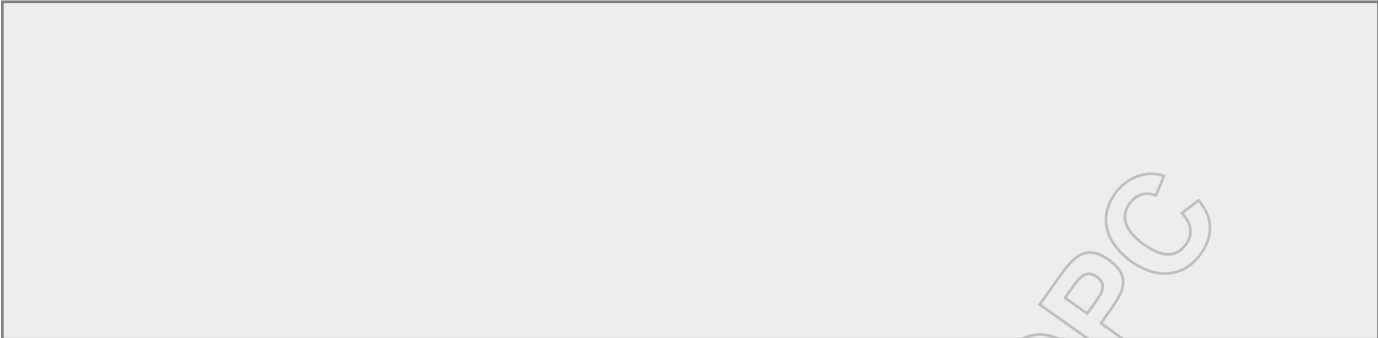
- The second ERG meeting is being convened on Thursday (14/02).
- Working with DESBT and the Australian Government Department of Jobs and Small Business to capture data on the current and future impacts on employment to inform economic recovery actions.
- Working predominantly with TCC in the North Region due to the severe impact on this council however is in close contact with other LGAs to offer advice as and when appropriate.
- In contact with North Western LGAs and will assist with economic recovery when the water recedes.

Department of Agriculture and Fisheries

Submitted By Vern Rudwick Date / Time 11/02/2019 18:01hrs

- An active fodder drop program coordinated through LDMGs at Flinders, Richmond, McKinlay, Cloncurry and Winton Shires is delivering fodder to stranded livestock. Most original requests for fodder drops have been completed.
- A Biosecurity Queensland disposal expert has arrived in Julia Creek to provide technical advice and help councils develop a carcass disposal prioritisation plan across the impacted Shires with the ADF.
- Fact sheets and guidelines for livestock disposal will be available from the DAF website from today.
- Regulatory amendments to enable the modified DRFA Category C recovery grants for primary producers (\$75,000) are being fast tracked for consideration by Governor in Council this week.

Other Agencies Summary



Approval

Prepared

Senior Sergeant Tonya Graham – Operations.

Endorsed

Inspector John Bosnjak – Operations Coordinator.

Approved

Superintendent Shane Holmes – Commander.

Next Report

There will be **no** further State Updates issued.
Further reporting will continue through the Recovery template being managed by Queensland Reconstruction Authority.

Released under RTI - DPC

