



Proactive Release

The following documents have been proactively released by the Department of the Prime Minister and Cabinet (DPMC), and National Emergency Management Agency (NEMA), on behalf of (Hon Kieran McAnulty), Minister for Emergency Management:

[Proactive Release] NEMA NCC Action plans and situation reports for Cyclone Gabrielle

The following documents have been included in this release:

Title of papers: NEMA Action Plans Cyclone Gabrielle

Title of papers: NEMA Situation Reports Cyclone Gabrielle.

Some parts of this information release would not be appropriate to release and, if requested, would be withheld under the Official Information Act 1982 (the Act). Where this is the case, the relevant section of the Act that would apply has been identified. Where information has been withheld, no public interest has been identified that would outweigh the reasons for withholding it.

Key to redaction codes:

- section 9(2)(a), to protect the privacy of individuals
- section 9(2)(g)(i), to maintain the effective conduct of public affairs through the free and frank expression of opinion.

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NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 026

ISSUED AT 16:15 HOURS ON 21 FEBRUARY 2023

Event name:		Declaration status:															
North Island Severe Weather Event January 2023		State of National Emergency covering Northland Auckland Waikato Bay of Plenty Tairāwhiti Hawke's Bay Tararua District															
Activation status:		Time declared:															
Mode 4 Lead/Direct		National 8:43AM 14 February 2023 for 7 days															
Contact:		NEMA NCC Incident Classification:															
Email: 9(2)(a) [REDACTED] Phone: 9(2)(a) [REDACTED]		Note: This is NEMA's incident classification. <table border="1" style="margin-top: 10px;"> <tr> <td style="width: 50px;"></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">⊙</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1" style="margin-top: 10px;"> <tr> <td style="width: 50px;">N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>			↑	N 4	⊙		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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Updated information is in blue text (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua. The State of National Emergency declared on 14 February 2023 was extended on Monday 20 February for another seven days.
- As of Tuesday 21 February, 11 fatalities have been confirmed as a result of Cyclone Gabrielle and as a consequence of the cyclone. Reports of further fatalities cannot be verified until environmental conditions improve, and emergency personnel can access impacted areas.
- As at 2PM Tuesday February, a total of 6,714 reports of uncontactable for to the Police. A total of 5,570 reports have been made to notify that a person is safe. This data is still being processed by Police to remove duplicate reports and to match up those reported safe with those reported as uncontactable. To that extent, these figures do not accurately reflect the current situation.
- NZ Police remain Lead Agency for coordination of rescues and missing persons.
- There have been substantial infrastructure impacts, in particular power, communications, roading and water. It is expected restoring and repairing the impacted infrastructure will be days to weeks. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. Food supplies are now being received in East Coast areas such as Wairoa and Tokomaru Bay by helicopter.
- Evacuated people continue to be accommodated in Civil Defence Centres (CDCs) across the impacted regions. Reporting suggests there are estimated to be 10,000 people displaced as a result of Cyclone Gabrielle. TAS are still working to understand the level of displacement.
- Between 28 January to 19 February \$28.438 million of Ministry of Social Development Civil Defence Grants have been paid to 56,898 people. On Sunday 19 February \$3.2 million was paid to 6,729 people. Food continues to be the highest need for the payment.

Weather

- On Tuesday 21 February, weather is generally fine for much of the North Island, apart from isolated afternoon showers about inland parts of Northland, Auckland and Bay of Plenty. Isolated showers are expected to return to these areas tomorrow (22 February) and spread to inland ranges of Hawke's Bay and Tairāwhiti. Mostly dry for Tairāwhiti and Hawke's Bay today, with a few afternoon showers inland on Wednesday.
- A front and colder southerly change brings periods of rain into the North Island Thursday and Friday. Periods of rain are expected about Hawke's Bay and Gisborne Thursday/Friday, which could persist into the weekend especially about the Wairoa District.
- There is a low risk of heavy rain about Hawke's Bay for Thursday. There is a lot of uncertainty regarding heavy rain in Hawke's Bay (and spreading into Tairāwhiti/Gisborne) from Saturday onwards. MetService will closely monitor this in the coming days.
- MetService have advised that at this stage there are no strong signals indicating any severe weather in the week from Monday 27 February through to Sunday 5 March.

Key Risks and Issues

- Land instability continues to pose risk to life across affected regions.
- Road closure and communication limitations are decreasing, however there is still incomplete information on isolated communities. Gaps in information include where they are, what their status is and what their needs are. Significant damage to infrastructure is also creating critical welfare needs in isolated areas.
- Cordon management and managed re-entry of evacuated residents, particularly currently in the Auckland west coast communities, is being prioritised as an emerging risk. As well as isolated communities, there is an emerging risk of communities that may not have access issues but are without lifeline utilities.
- A long-term temporary accommodation need is anticipated for the thousands of displaced people in Hawke's Bay and Tairāwhiti.
- The installation of some of the temporary Bailey Bridges is estimated to take between four and six weeks per bridge. This means no road access to those communities that are isolated due to damaged bridges, will continue for some time. There are 20 bailey bridges available in NZ, and 7 of these are required for the Hikuwai and Waikare bridges. Local road bridges will also require bailey bridges.
- Key State Highway routes remain closed to the public. SH2 Napier to Wairoa, SH5 Napier to Taupo, and SH35 Tolaga Bay to Te Puia Springs. Full re-opening of these routes is unlikely to occur in the next week.
- The Ministry of Education confirm that approximately 73% of schools in the Hawke's Bay-Tairāwhiti region are open for onsite learning. Outside of these regions, around 2 schools/kura are closed, and 18 Early Learning Centres (ELCs) are closed.
- At 9AM Tuesday 21 February, there were approximately 11,755 power outages nationally. This is at least 97% restoration across affected regions with the exception of Napier which is still only approximately 83% restored. Key areas of focus remain Northland, Tairāwhiti, and Hawke's Bay.
- There are still cell towers offline from all networks in Northland, Hawke's Bay and Tairāwhiti, primarily due to power outages. There are a number of cuts to the Chorus fibre backhaul caused by bridge washouts and/or landslips affecting the core network that provides connectivity to cell towers, around Gisborne. Many cell sites are still running on generators and will continue to do so until mains power can be restored. This means that fuel is an issue and when some generators run dry coverage will drop until these generators can be topped up again.
- Cyclone Gabrielle has significantly affected the rural sector across all regions. MPI has reported that sustaining milking operations, and access to animal feed/grazing are becoming issues. The large-scale damage to growers in the horticulture and viticulture sectors in Hawke's Bay could have substantial economic impacts on the region. Fonterra have reported that 32 dairy farms are inaccessible in the Hawke's Bay/Central District.
- Long term psychosocial impacts are anticipated by Ministry of Health, particularly if conditions remain serious for several weeks. Rural communities are likely to be affected.
- There have been cases of COVID-19 reported at evacuation centres and Emergency Operations Centres. It is unlikely individuals with COVID-19 are able to isolate effectively at the evacuation centres, therefore COVID-19 will almost certainly spread further.



NCC ACTIONS

Actions carried out

- The NCC roster is being extended to Sunday 5 March, operating on a 24-hour roster as the event demands.
- NCC Logistics has facilitated the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 3:50PM on Monday 20 February there are 86 surge staff currently deployed to the CDEM Groups today, of which 47 are in Hawke's Bay, and 8 EMAT staff currently deployed.
- New Zealand Response Teams (NZRTs) have been mobilised and have deployed to provide support to Councils and FENZ for assessment, welfare, evacuation and cordon taskings.
- NCC Logistics are resolving accommodation issues in Hawke's Bay in conjunction with the ECC.
- The NCC PIM team has been updating safety messages, including additional information around slips and landslides. The team is pulling together key support avenues for a 'single-source-of-truth' page on NEMA's website. This will be complimented with some Iwi/Māori content and include a downloadable and printable version to be handed out for those with limited internet access.
- NCC PIM team are continuing to provide national level messaging online and via social media covering key preparedness messages and answering commonly asked questions, including questions about donations, Metservice updates and family harm. Information is being regularly shared via social media and the Civil Defence: <https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/auckland-severe-weather-what-support-is-available-and-where-can-you-get-help/>
- NCC PIM team are also continuing to support key spokespeople taking part in media stand-ups and interviews, including the Prime Minister's Office.
- The NEMA NCC National Action Plan 001 (State of National Emergency) was issued at 12PM on 14 February 2023. This covers the period 12PM 14 February to 10PM 16 February 2023. A further supplementary Action Plan was issued on 19 February, lasting until 10PM 22 February.
- NCC Logistics have sourced Enterprise Starlink units for distribution to affected areas. Ten have been sent overnight to Napier and have been issued to Fire and Emergency New Zealand for their requirements. The remaining ten were issued for testing and deployment. This will increase communication abilities into Napier whilst power and telecommunication limitations still exist.
- NCC Safety continues to support the welfare of NCC staff in Wellington and develop risk assessment guidance. The National Risk Assessment (guidance only) document is being developed by NCC Safety. It will outline known risks that will affect each region when recovery occurs. The primary focus is to create a dynamic risk assessment for clean-up operations.
- NCC Welfare continue to be in contact with and attend the impacted CDEM Welfare Coordination Group meetings to understand the ongoing welfare needs, check the status and capacity of Civil Defence Centres (CDCs) and identify potential resources requirements.
- NCC Welfare are starting to shift the focus from getting bulk supplies of rapid relief into affected areas, to planning for the medium-term. This includes starting to place for the delivery of welfare 5, 10 and 21 days ahead, looking at what needs to be addressed and contingency planning.
- NCC Intel are working with Ops and Welfare to produce a tasking for the HMNZS Manawanui. The proposed task to travel Manawanui from Hawke's Bay up to Tairāwhiti to visit isolated coastal communities, specifically those communities that have not received any assistance.
- NCC Welfare and Intel are currently working on Questions to obtain information on better situational awareness, targeted aid, Safety and security NCC OPS, Intel and Welfare are working together on the taking and effect.

- NCC Welfare priorities are building situational awareness, on-the ground picture becoming clearer, isolated communities being contacted by defence or Iwi organisations. We are hearing reports that communities are saying they haven't received CDEM support, but we know that these people are being assisted, likely a misunderstanding about what CDEM support looks like.
- NCMC looking to surge additional IMT staff, including Group Welfare Managers for up to 4 weeks into Hawke's Bay.
- The Policy team are working on providing guidance on Section 33 measures and what can be reimbursed.
- NCC Recovery continue to work closely with Auckland Emergency Management on recovery structure, consequence matrix and impact assessment, and to identify key points of contact with recovery focus. NEMA and CDEM Group Recovery personnel are present in the ECC.
- NCC Recovery is working to improve visibility of welfare trends, solid waste planning, and a recovery strategy.
- There is engagement between NCC Recovery, Policy, and the National Recovery Manager to determine the next steps in transition planning.
- NCC Critical Infrastructure function is working with all lifeline Sector Coordinating Entities (SCE). There are SCEs for electricity, fuel, telecommunications and transport lifelines.
- NCC Lifelines have been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to daily bridges restoration prioritisation plan with Planning, Waka Kotahi and Operations, addressing urgent critical resource/support needs e.g., welfare food needs, generator and telecommunications. There is ongoing work on identifying longer term lifeline utilities disruption and impacts view across all sectors.
- NCC Kaitohutou has received offers of support and resources from iwi/Māori, to help support impacted communities.



MULTI-AGENCY ACTIONS AND RESOURCES

- NEMA are working with MfE and Councils to facilitate timely clearing of flood induced property and silt management. Councils, with their communities, have had people on the ground all week helping clear homes and properties. Landfill capacity is becoming an issue in some areas and is something All of Government is working to address.
- At 6:00AM on Friday 17 February Fire and Emergency New Zealand (FENZ) began coordinating all Tier 2 aviation tasking in Hawke's Bay, from the established base at Bridge Pa. RCCNZ remains the coordinator of CAT 1 and CAT 2 SAR aviation response in the Eastern District until NZ Police no longer require their support to meet CAT 1 response (there is currently no end date on this.).
- The National Health Coordination Centre (NHCC) is working alongside Regional and District Emergency Management teams, as well as the National Crisis Management Centre (NCMC) to support the health response to this event. Hawke's Bay hospitals are operating, with outpatients and elective surgeries being deferred. The focus is on acute care. Medical supplies continue to be airlifted where needed.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. The MSD Contact Centre is under significant pressure. To alleviate the contact centre pressure, at 8:00AM Sunday 19 February an on-line CD payment application form was launched for residents on the East Coast only. This went live at 8.00AM Sunday morning.

- The MBIE Temporary Accommodation Service (TAS) activated on 8 February for the Auckland region and are working closely with Auckland Emergency Management. TAS remain in Watch Mode for other impacted regions.
- An all-of-MPI Response has been established. MPI continue to provide animal welfare emergency management and primary sector/rural community support to communities impacted by Cyclone Gabrielle. MPI are monitoring the calving forecast for the autumn and continue collection of information from across networks for primary sector impacts and needs, and for wider rural communities. Access has improved in Hawke's Bay and Central, but aerial inspections has shown damage to single-access routes to a number of farms is extensive. MPI and Federated Farmers have restarted a national Feed Coordination Service to help recovering farmers. The service helps match people with grazing or supplementary feed for sale to those who need it.
- NZDF continue to support CDEM Groups in Tairāwhiti and Hawke's Bay with multiple activities including proving routes for access, transport of critical supplies, reconnaissance and delivery of emergency supplies. NZDF are available to support local contractors in the building of bailey bridges as required.
- The HMNZS Canterbury will arrive in Napier this afternoon (21 February) to unload supplies. [It is expected that she will be repurposed as an accommodation facility for surge staff supporting the CDEM response to alleviate pressure on local emergency accommodation options.](#)
- The HMNZS Manawanui successfully delivered supplies (including food, water, toilets and PPE) at Gisborne on 18 February. The HMNZS Te Mana is now berthed in Napier Port providing personnel and resources to support the CDEM Group.
- NZ Police are supporting with security around food and fuel distribution. Discontent to roading contractors at road closure checkpoints has been reported by Waka Kotahi.
- Waka Kotahi aerial reconnaissance (including drone and helicopter footage) is ongoing to assess the scale of damage and status of critical points on the state highway network. Progress has been made along SH5 (Napier to Wairoa) with the route passable from Wairoa to Putrino and from the south between Eskdale Road and Tangoio. The section in between is seriously damaged. Additionally, SH38 from Murupara to Wairoa is almost clear and may be able to fully open in 24-36 hours. This will open access from Wairoa towards Rotorua.



RECOVERY

- The National Recovery Coordination Group was stood up on Tuesday 14 February to provide coordination of recovery at the national level and to support locally led recoveries and a second meeting was held on Friday 17 February.
- NEMA continues to support active recoveries for Marlborough, Tairāwhiti, Buller, Thames Coromandel, and the Auckland flooding event.

KEY REGIONAL UPDATES



NORTHLAND

Activation Status

CDEM Group ECC activated. Northland District EOC, Whangarei District EOC and Kaipara District EOC have activated.

AFFECTED COMMUNITIES

- In the Far North District 10 CLC's are still open and are providing support to the wider community. Door-to-door activities will commence on Monday 20 February, targeting any rural households and communities, including lifestyle blocks.
- Building assessments as of 19 February: 45 red, and 8 yellow placards.
- The financial and travel time consequences from the road closures on low-income families. People who do not qualify for MSD payments are coming back to CDEM for assistance.
- Concern is growing in regard to psychological impacts.
- There is a Welfare Recovery Transition Strategy in development.
- Parts of the local economy have been severely affected. It is estimated that 90% of kumara crops have been destroyed, and there are concerns that tourism to the region will suffer.
- The Ministry of Education has received confirmation that 115 of 152 schools are open on Tuesday 21 February, one school is confirmed closed, while the remainder are of unconfirmed status.

CRITICAL INFRASTRUCTURE

- Healthcare facilities in the region remain stable, with Whangarei Hospital at 92% occupancy as at Tuesday 21 February. Although, admissions are projected to increase and discharges are expected to decrease.
- The region continues to experience power outages and road closures. Although restoration is progressing well with power approximately 98% restored as at 9AM Tuesday 21 February, leaving 1,929 customers yet to be restored. The last connections will take longer as they are very fractured and harder to restore.
- As at 10AM Monday 20 February, 10 cell towers remain offline due to power outages – 95% of sites are up and running. Telecommunication crews are currently working to deploy generators to these sites; however, access remains challenging.
- All State highways are now open, excluding SH 1 which remains closed at the Brynderwyns and at Mangamuka Gorge, with detour routes available. Waka Kotahi estimate that it may take up to four weeks before full access can be restored, although access to emergency vehicles and light traffic may be available before then.
- As at Tuesday 21 February, significant damage has occurred to local roads with 26 remaining closed and 88 partially closed. Most closures do not impact property access.

AUCKLAND**Activation Status**

CDEM Group ECC activated

AFFECTED COMMUNITIES

- Communities continue to be isolated in Piha and Karekare due to landslips. GNS have conducted aerial reconnaissance of Piha and Muriwai, which has identified reactivated slips. In the Rodney District (Muriwai North) there is a large amount of deep-seated reactivated landslides mainly damaging infrastructure, agricultural and horticultural land.

- St John Extended Care Paramedics (ECP) have deployed to Piha again yesterday (20 February), after treating 9 patients on Sunday. St John have been unable to deploy ECP to Muriwai due to inaccessibility.
- As at **Tuesday 20 February** there are 4 CDCs/ shelters open, which accommodated **61** people overnight.
- Building assessments as of **Tuesday 21 February**: **569** red placards, **2,207** yellow placards and **4,063** white placards (for both January and February weather events). However, assessments on the January flood related homes have stopped with this being redirected to the Insurance Council NZ.
- The Temporary Accommodation Service (TAS) is active, who report 300 registered households, of which 210 are actively managed as at 5PM Monday 20 February. A total of 118 have been placed in TAS supply, and future need of 21.
- Kāianga Ora have 569 properties damaged by flooding as of Tuesday 21 February. Of those damaged, 193 permanent rehousing offers have been made and 13 have started new tenancies. Kāianga Ora are exploring supply options, and have 23 portacabins that will arrive over the coming weeks from Christchurch.
- There is significant concern for the psychosocial needs of all isolated areas. This includes the need for trauma counselling services. Welfare support service personnel are being airlifted into Karekare today (21 February) to assess the needs of residents and create a plan for their ongoing support.

CRITICAL INFRASTRUCTURE

- Vector have confirmed that at least 1,800 of their customers remain without power as at **9AM Tuesday 21 February**. This figure excludes Piha, Karekare, Muriwai, and Bethells.
- Water supply across all sites has been restored except Muriwai and households in North Piha. Water providers are aware of the additional pressure this creates in these communities and is working to resolve these faults as soon as possible
- Auckland Council Healthy Waters is assisting with the emptying of private septic systems in Piha. This has become an issue due to ongoing power disruption and silting caused by floods and landslips.
- Plans to develop a controlled re-entry plan for evacuated residents is starting. Solid waste management and sandbag disposal continues.

WAIKATO

Activation Status

CDEM Group ECC activated. Waikato District EOC and Thames Coromandel EOC activated.

AFFECTED COMMUNITIES

- All CDC's and CLC's are now closed across both Waikato and Thames-Coromandel.
- Displaced people are being accommodated in emergency accommodation (motels). **There are currently 7 households (13 people) in emergency accommodation. More evacuations are possible due to unstable land in the region. This is being monitored.**
- **There are conflicting numbers are being reported for displaced households in Waikato, between 10 and 32 people or households. More evacuations are possible due to unstable land in the region.**
- Building assessments as of **Tuesday 21 February**: **28** red, **36** yellow, **36** white placards.

- As at [Tuesday 21 February](#), one school that remains closed, and is affected by the continued closure of some connection roads. The school is providing distance learning to their students. [One](#) early learning service remains closed.

CRITICAL INFRASTRUCTURE

- The main power connections have been restored leaving individual connections to be restored.
- All cell towers are online and working as of [21 February](#).
- As at 3PM Monday 20 February, three State highways and [several](#) local roads are closed, including:
 - SH 25A between Kopu and Hikau, which will likely remain closed for 12 months; and
 - SH 23 to Raglan, which is estimated to take up to 3 weeks to restore public access.

BAY OF PLENTY

Activation Status	CDEM Group ECC deactivated. All EOCs are deactivated.
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- The Group ECC and all activated EOCs have now stood down. The remaining impacts and needs are being dealt with by the appropriate business as usual teams.
- A recovery report is being drafted and will be published.
- Bay of Plenty have deployed five personnel to Tairāwhiti to support their response.
- The Ministry of Education advise that all schools are now open, although seven Early Learning Services remain closed as of [Tuesday 21 February](#).

HAWKE'S BAY

Activation Status	CDEM Group ECC activated, EOCs are activated
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- Hawke's Bay Controller priorities are:
 - Working with the community response, establishing what is needed from the ECC to support it.
 - Maintaining a central hub to receive, package and distribute Rapid Relief boxes to meet essential needs. The focus is at a macro level on communities as opposed to at a household level. Looking to develop a process for more individual needs assessment when shift to more medium-term needs.
 - Conducting a wide area assessment to increase overall situational awareness.
- At 11:42AM 20 February Hawke's Bay Action Plan [08](#) was issued for the operational period through to 5:00 AM [22 February](#).

AFFECTED COMMUNITIES

- A temporary mortuary continues to operate with two cabins at Hawke's Bay hospital and one at Napier Port.
- Total number of unaccounted for persons – 1020.

- Police are leading the search across Esk Valley which is now 95% complete.
- The anticipated demand for TAS in Hawke's Bay is high. It is unknown how many households in rural areas are sheltering or in need of accommodation. Hawke's Bay accommodation capacity is extremely low.
- MSD in Napier have made contact and shared that they are overwhelmed with demand. The Oranga Tamariki team have made Napier site available for MSD to use, so MSD can see more clients in need.
- 11 Community Led Centre's (CLCs) remain open providing shelter to 841 people
- There are 6 CDC's and community led centres open in the region. 663 (down from 1073) people stayed at CDCs in the region overnight.
- Building assessment as of Tuesday 21 February: 35 red, 429 yellow, and 795 white placards. 1028 buildings have been assessed.
- As of 19 February, Hastings Council have identified 28,381 addresses in sectors that have been impacted by flooding.
- An additional 145 Police staff are on the ground in Eastern District to assist with the cyclone response and provide reassurance to local communities. Further staff are due to be deployed into the district this week, including iwi and community liaison officers to support reassurance and prevention work.
- Accommodation with capacity for 300 has been stood up for affected RSE workers in Hawke's Bay.
- Further support is being provided to isolated communities through teams of health workers providing clinical care and delivering medical supplies.
- In Hastings / Napier, there is still significant damage to stop banks, with seven sites for rapid rebuild in planning phase. The combination of info from rainfall monitoring, river flow or height monitoring and modelling, provide enough of a picture to give confidence of ability to be able to provide warning of a developing situation.
- The focus in Wairoa has shifted from rescue and life safety issues to infrastructure and connectivity, critical lifelines such as drinking water and sewage and clean up.
- A number of animal welfare support teams are in Hawke's Bay providing animal welfare assistance. A temporary animal shelter has been set up at the Hawke's Bay Racecourse.

CRITICAL INFRASTRUCTURE

- Hawke's Bay Hospital is running at capacity due to impacts of the flooding, and the hospital reports significant staffing challenges. This is expected to improve as staff personal circumstances stabilise. Medevacs are occurring and care of aged residents and vulnerable patients in Napier is an area of concern.
- Te Whatu Ora is utilising its health networks to contact 6,000 known vulnerable people in the Hawke's Bay.
- There is an increase in presentation of gastro and some increase in RSV, however there are no identified outbreaks.
- As at 6pm, Monday 20 February there are still 7,310 homes without power in Hawke's Bay.
- There have been 11 vulnerable residents evacuated from Wairoa to Rotorua and Tauranga.
- Communications are critically impacted and the primary communication method between Hawke's Bay ECC and Wairoa is Starlink. 12 (out of a total of 142) cell sites across all networks remain inoperable largely due to power outages. Crews are deploying to sites with generators to rectify the issues. Full services, calls, texting and data are now available in Wairoa. Starlink communication units continue to be deployed to boost coverage to isolated communities. 5 Starlink units have

been deployed to Napier & 14 to Hastings. 3 Starlink units have been deployed to Waka Kotahi Hawke's Bay. All have been deployed from Buller District Council and 9(2)(a)

- Rural communities continue to be a top priority with efforts being made to gain access to the remaining communities who have not yet been reached. Contact has now been made with all isolated communities. A number of communities remain accessible by air supply, specialist vehicle or 4x4 vehicle only.
- Fuel supply by road is replenishing stocks. 45 out of 55 fuel stations are operating in Hawke's Bay.
- On Friday 17 February a network of networks was stood up for four clusters. These are (1) rural places with no intelligence on them, (2) older persons, (3) RSE workers and (4) persons with disabilities. A 300-bed accommodation facility has been secured in Napier to shelter Recognised Seasonal Employer (RSE) workers. Progress is in place to sort a similar sized facility in Hastings.
- Current roading status as at 0910hrs Tuesday 21 February:
 - **SH35 from Wairoa to Lake Waikaremoana:** estimated 4 weeks to restore public access.
 - **SH2 Wairoa to Napier (Eskdale):** this section requires significant repairs including Bailey Bridge installation and significant works at Devil's Elbow. These have not yet been physically assessed, only from the air. Significant works will be required. Likely to be several months before opening to traffic. The section to the north of Putorino community may open earlier.
 - **SH5 Napier to Te Pohue:** bridge damaged between Eskdale Valley and Glengarry and significant silt to clear from the highway. We are working with council to restore access via Glengarry Road. We estimate 4 weeks to restore public access however until clearance of silt is complete this remains uncertain.
 - **SH5 Te Pohue to Taupo:** controlled access in place for residents and supplies.
 - **SH2 Pakowai to SH2 Takapau junction:** estimated 1 week to restore public access.
 - **SH 51 (Clive Bridge):** closed following a wastewater leak
 - **SH50 Takapua to Hastings:** remains closed – repairs are expected to be completed on Wednesday 22 February and the road may be able to be re-opened.
 - **SH2 north of Napier:** pumps are working to clear water at Whirinaki.
- At 4:00PM Sunday 19 February there are 85 roads closed and continues to be no road access to Hawke's Bay from the north.
- There is a growing risk around the safety of traffic controllers at roadblocks. They are being threatened with firearms at roadblocks just north of Napier. Discussions are underway to develop a nationally coordinated plan to address concerns. Two sections of the state highway have been identified to present very high safety risks due to moving slips and catastrophic road damage, therefore the roadblocks are essential.
- In Hawke's Bay Emergency Services operations are constrained by availability of fuel and intermittent communications. Current pharmaceutical supply is estimated to only last one more week with some medication beginning to run low.
- Mains power has been reconnected to Napier Port yesterday (Monday 20 February). From 0800 hours Tuesday 21 February 2023, 24/7 operations for container terminal resumes. Teams continue to clear debris from throughout the harbour.
- Hawke's Bay airport (in Napier) and Air Traffic Control is under normal operation but still running off generator power. Additional air traffic controllers have been deployed.
- CAA have restricted airspace in a large area over Hawke's Bay and Tairāwhiti in the interests of safety due to the large number of helicopters, Air NZ, NZDF and drone flights. The restriction allows aircraft operating within the response to operate. It also permits other flights to occur providing they are registered with FENZ, the administering authority, coordinating all flights within

the region. The restricted airspace has been broadly communicated with the aviation community and published via NOTAM (notice to airmen).

- Rail lines in and out of Hawke's Bay are closed due to significant damage. Track inspections have been put on hold due to issues accessing the networks. As of Tuesday 21 February, trains are still not running.
- WorkSafe have safety concerns regarding hazardous substances within the Hawke's Bay area, where some hazardous chemicals have been submerged. WorkSafe are working to obtain the Safety Data Sheets from storage facilities to understand the risk that this poses.
- Water supply remains fragile in Wairoa and rural Hastings. Water pumps have been supplied to Wairoa and Hastings urban water supply is supported by generators. Rural areas have damaged watermains resulting in limited or no water access. Napier supply is secure, with water restrictions in place. Additional generators are being sourced. The Pakawhai pump site is submerged and will need assessing.
- The waste water treatment plant in Napier remains offline. It is flooded with no 4WD access. Portaloos have been placed in Otane and Waipukurau.
- HMNZS Canterbury departed Lyttelton evening of 20th February and is expected to arrive in Napier 21st February with supplies including five Bailey Bridges, six utility vehicles, 20 generators, 50 gas bottles, and 120 emergency packs, as well as specialist staff from other government agencies such as Environment Canterbury, St John's, and Waka Kotahi.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated
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AFFECTED COMMUNITIES

- All CDCs are now closed in the region, although Red Cross have Disaster Welfare Support Teams operating out of a Community Led Centre, where one displaced person stayed overnight.
- There is a shift from CDCs to emergency accommodation. A few Community Hubs have been set up, which will have social agencies and occasionally insurance companies on site to assist those who have been impacted.
- Building assessment as of Sunday 19 February: 11 red, 154 yellow. 347 buildings have been assessed. The Council advise that requests for assessments are decreasing.
- The CDEM Group are working to make contact with all isolated communities and are determining need and access. Work is underway to ensuring that the needs of all isolated communities are assessed.
- HMNZS Manawanui has been berthed in Gisborne and has visited 4-5 coastal communities north of Gisborne.
- Matawai and Waipero Bay townships remain isolated. Due to the isolation, both communities require assistance with improving communications and life support needs. This issue is currently being worked on.

CRITICAL INFRASTRUCTURE

- Te Puia Springs Hospital is short on food and fuel with the generator running on restricted hours. Regular water delivery is established, although Te Whatu Ora advise that an additional generator arrived on Monday 20 February. A health protection officer will be flown in to deliver medical supplies. Hospitals are undertaking emergent and acute care only. A further assessment will be undertaken on Wednesday to decide whether to expand services.

- There remain approximately 578 power outages in Tairāwhiti. Restoration of power to isolated communities is being worked on and generators are being supplied where possible.
- The Water Treatment Plant in Gisborne is back operating and running at capacity (540 m³ per hour). Alternative sites for water have been identified as the Leader Brands storage site and ground bores. As a contingency plan, a containerised treatment plant is being supplied from Tararua.
- Telecommunications is slowly improving across the region with 80% of mobile towers now up and running (as at 10.00 AM Monday). On Monday, Chorus made a temporary fix to the fibre north of Gisborne enabling full services, calls, texting and data on mobile to be available to 80% of Wairoa and central Gisborne. Ten Starlink units have been deployed to the region, sourced from Buller District Council and 9(2)(a).
- SH2 from Gisborne to Wairoa is open 24 hours. SH2 from Opotiki to Gisborne is open to the public from 7:00AM to 7:00PM. There is a fluid slip between Matawai and Te Karaka that is being monitored. Roothing around the rest of the region remains significantly damaged, with limited or no access along the coast.
- There are multiple issues arising along SH 35:
 - Between Te Puia Springs and Tokomaru Bay the road has been completely severed, which will likely be several months before opening to traffic; and
 - Between Tokomaru Bay and Tologa Bay, the Hikuwai bridge has been completely severed. It is estimated to take 3 months to erect a Bailey Bridge to restore access.
- A large slip in the Mangahuini Gorge has created a dam that is to be assessed. This presents a risk to both contractors working on the road and the public in the surrounding area. There is growing pressure in regard to the re-opening of SH35, and local contractors have been continuing to clear SH35 and creating an alternative track through private land. This is a high-risk activity due to the dam at Mangahuini Gorge.
- Gisborne airport and Air Traffic Control is under normal operation. Additional air traffic controllers have been deployed. CAA has restricted airspace in a large area over Tairāwhiti in the interests of safety.

TARARUA

Activation Status	TDC EOC is activated
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AFFECTED COMMUNITIES

- Building assessments as of Tuesday 21 February: 6 red, 9 yellow, and 4 white placards. 1 property remains affected by power outages.
- Initial aerial reconnaissance indicates that the damage in the Tararua area to roading and lifelines utilities is significant, and some rural communities are isolated.
- There are challenges contacting all households due to rural hilly locations, there are 56 households to contact, it is anticipated the remaining households will be contacted today.
- Airdrops continue to provide welfare and make contact with residents who have been isolated.
- Rural support is being given to farmers in Tararua but Rural Support Trust, and Federated Farmers. There are reports of stock loss, flooded farmland and access issues for milk collection.

CRITICAL INFRASTRUCTURE

- Power has been restored to Akitio cell tower meaning that telecommunications are operating. This cell tower will also provide limited coverage to Herbertville.

- Local fuel outlets have been contacted directly to gauge availability. All sites have sufficient fuel supplies at this stage.
- Of the 35 roads closed, 15 are inaccessible to all traffic, and 20 are available for emergency vehicles only.
- Dannevirke Wastewater Treatment Plant is now becoming overloaded. Communications have been pushed out to the Dannevirke Community to start conserving water to minimise the amount of water that needs to be processed by the Dannevirke Wastewater Treatment Plant. Boil water notices are in place for Pongaroa and Ākito.

WAIRARAPA

Activation Status	EOC deactivated Monday 20 February
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AFFECTED COMMUNITIES

- Building assessments as of **Tuesday 21 February**: 20-30 buildings in Tinui and Castlepoint will need to be assessed (on 14 properties).
- Contact has been made with all communities to establish resourcing and support needs. NZDF and Response Teams have been assisting with the supply of food and other needs.

CRITICAL INFRASTRUCTURE

- Wellington Free Ambulance arranged delivery of medication to 10+ people.
- Tinui has small number of Gastroenteritis cases and is dealing with livestock faecal laden dust.
- Only one road in Carterton requires accesses by 4x4 vehicles.
- In South Wairarapa one local road is open but not suitable for large vehicles, and another is open to 4x4 vehicles and residents only.
- Masterton still has several closed local roads due to slips, wash outs, flooding and debris. All State Highways are open.



PUBLIC INFORMATION

Public information is being led by local Emergency Management. You can access the latest messaging here:

Northland: <https://www.facebook.com/civildefencenorthland/>

Auckland:

- <https://www.aucklandemergencymanagement.org.nz/major-incident/flooding-2023>
- <https://www.facebook.com/aklcdem>

Coromandel: <https://www.facebook.com/ThamesCoromandelDistrictCouncil/>

Waikato: <https://www.waikatoregioncdemg.govt.nz/>

Bay of Plenty: <https://www.bopcivildefence.govt.nz/>

Tairāwhiti: <https://www.gdc.govt.nz/services/civil-defence>

Hawke's Bay: <https://www.hbemergency.govt.nz/>

Talking points

- Monetary donations are the single most helpful thing kiwis can do right now. These money donations enable support organisations to provide exactly what is needed to those most affected.
- The donation of physical goods, whilst extremely generous and well intentioned is not the most effective way to help right at this minute.
- Often these donations don't match exactly what communities need, resulting in an oversupply and lack of capacity to manage this. This is the feedback we are getting overwhelmingly from those on the ground.
- Instead, we're encouraging donations to relief funds, of which there are many. [Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz](#)
- While the worst of the weather has passed the devastation left in the wake of Cyclone Gabrielle has been extensive. A State of National Emergency [was declared on 14 February](#), covering Auckland, Northland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua District. This is only the third time in New Zealand's history that this has been done.
- [On Monday the government announced an extension to the state of national emergency. This extension continues the state of national emergency until 28 February, unless terminated before then or extended again.](#)
- A National declaration is a partnership between central government and local authorities. It allows the Government, through NEMA, to support the affected regions.
- The National declaration only applies to the parts of New Zealand that have been severely affected by Cyclone Gabrielle.
- It has been a really tough month for many communities around Aotearoa New Zealand. Our thoughts are with you. The Government will continue to support you.

Public safety messages

- [Floodwaters may be full of sewage, chemicals and other hazardous materials and should be avoided as much as possible.](#)
- [Floodwater can carry bacteria that can contaminate food.](#)
- [Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.](#)
- [Throw away all food and drinking water that has come in contact with floodwater.](#)
- [Do not eat garden produce if the soil has been flooded.](#)
- [In power outages use torches instead of candles, and only use camp cookers and BBQs outdoors.](#)
- [Conserve water where you are advised to.](#)
- [Check the location of pipes and cables before you dig; see Chorus Before you dig website and \[beforeudig.co.nz\]\(http://beforeudig.co.nz\) for all utilities.](#)
- [An all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.](#)



<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1615 hours on 22 February 2023

Please send Agency updates and products to 9(2)(a) and 9(2)(a) for inclusion in NCC Intelligence Products.

Proactively released



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 027

ISSUED AT 16:15 HOURS ON 22 FEBRUARY 2023

Event name:		Declaration status:															
North Island Severe Weather Event January 2023		State of National Emergency covering Northland Auckland Waikato Bay of Plenty Tairāwhiti Hawke's Bay Tararua District															
Activation status:		Time declared:															
Mode 4 Lead/Direct		State of National Emergency 8:43AM 14 February 2023 – 8:43AM 28 February 2023 (Northland, Auckland, Waikato, Bay of Plenty, Tairāwhiti and Hawke's Bay) 1.17PM 14 February 2023 – 1:17PM 28 February 2023 (Tararua District)															
Contact:		NEMA NCC Incident Classification:															
Email: 9(2)(a) [REDACTED] Phone: 9(2)(a) [REDACTED]		Note: This is NEMA's incident classification. <table border="1" style="margin-top: 10px;"> <tr> <td style="width: 50px;"></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">⊙</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1" style="margin-top: 10px;"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>			↑	N 4	⊙		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 4	⊙																
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N3	A major national level response																
N4	A severe national level response																

Updated information is in *blue text* (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua. The State of National Emergency declared on 14 February 2023 was extended on Monday 20 February for another seven days.
- As of 8:54AM Wednesday 22 February, 11 fatalities have been confirmed as a result of Cyclone Gabrielle and as a consequence of the cyclone. Reports of further fatalities cannot be verified until environmental conditions improve, and emergency personnel can access impacted areas.
- As at 9:30AM Wednesday 22 February, a total of 6,715 reports of uncontactable people have been received by Police. A total of 5,919 reports have been made to notify that a person is safe. This data is still being processed by Police to remove duplicate reports and to match up those reported safe with those reported as uncontactable. To that extent, these figures do not accurately reflect the current situation.
- NZ Police remain Lead Agency for coordination of rescues and missing persons.
- There have been substantial infrastructure impacts, in particular power, communications, roading and water. It is expected restoring and repairing the impacted infrastructure will take days to weeks. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and cut off communities. Food supplies are now being received in East Coast areas such as Wairoa and Tokomaru Bay by helicopter and Tologa Bay by naval vessel.
- Evacuated people continue to be accommodated in Civil Defence Centres (CDCs) across the impacted regions. Reporting suggests there are estimated to be 10,000 people displaced as a result of Cyclone Gabrielle. TAS are still working to understand the level of displacement.
- Between 28 January to 22 February \$36.599 million of Ministry of Social Development Civil Defence Grants have been paid to 72,216 people. On Tuesday 21 February \$3.7 million was paid to 8,067 people. Food continues to be the highest need for the payment.

Weather

- On Wednesday 22 February, there are showers over the North Island today, mostly inland which includes Hawkes Bay. There is a low risk of thunderstorms over inland parts of central and eastern North Island including Hawkes Bay today.
- A front over the South Island with rain and a southerly change reaches central New Zealand by midnight tonight.
- There are heavy rain watches in force for Wairarapa and Hawkes Bay starting Thursday 23 February.
- Hawkes Bay - Rain is expected between Thursday 23 to Saturday 25 February, and location, timing and intensity will depend on the behaviour of the low previously reported. South-easterly winds are forecast on Friday, probably turning northwest on Saturday.
- Tairāwhiti - On Thursday 23 February, a few showers are forecast, turning to rain in the afternoon. Winds changing southerly in the morning, strong about the coast for a time later. Rain is expected on Friday and probably Saturday, and location, timing and intensity will depend on the behaviour of the low previously reported. South-easterly winds are forecast on Friday, may turn north-westerly on Saturday.

Key Risks and Issues

- Emerging issues are being associated with silt and waste management across affected regions. The public is being advised to wear PPE and local authorities are compiling silt removal and disposal plans.
- Land instability continues to pose risk to life across affected regions. A new slip that occurred today, Wednesday 22 February, closed SH2 Opotiki to Gisborne temporarily but was cleared and reopened at 2:27PM Wednesday 22 February.
- Road closure and communication limitations are decreasing, however there is still incomplete information on cut off communities. Gaps in information include where they are, what their status is and what their needs are. Significant damage to infrastructure is also creating critical welfare needs in cut off areas. Where access allows Needs Assessments are being conducted.
- A long-term temporary accommodation need is anticipated for the thousands of displaced people in Hawke's Bay and Tairāwhiti.
- The installation of some of the temporary Bailey bridges is estimated to take between four and six weeks per bridge. This means no road access to those communities that are cut off due to damaged bridges, will continue for some time. There are 20 Bailey bridges available in NZ, and 7 of these are required for the Hikuwai and Waikare bridges. Local road bridges will also require Bailey bridges. Waka Kotahi have developed a rapid prioritization tool for emergency bridges which is being sent to Local Authorities for input and national prioritization.
- Key State Highway routes remain closed to the public; these are SH2 Napier to Wairoa, SH5 Napier to Taupo, and SH35 Tolaga Bay to Te Puia Springs. Full re-opening of these routes is unlikely to occur in the next week.
- The Ministry of Education confirm that approximately 73% of schools in the Hawke's Bay-Tairāwhiti region are open for onsite learning. Outside of these regions, 1 school/kura is closed, and 11 Early Learning Centres (ELCs) are closed. Options of enrolling students into schools in unaffected areas is being considered.
- At 15:30PM Wednesday 22 February, there were approximately 6,863 power outages nationally. This is at least 97.8% restoration across affected regions with the exception of Napier which is now 90% restored. Key areas of focus remain Northland, Tairāwhiti, and Hawke's Bay.
- There are still cell towers offline from all networks in Northland, Hawke's Bay and Tairāwhiti, primarily due to power outages. There are a number of cuts to the Chorus fibre backhaul caused by bridge washouts and/or landslips affecting the core network that provides connectivity to cell towers around Gisborne. Many cell sites are still running on generators and will continue to do so until mains power can be restored. If generator fuel supplies run out then coverage will drop off at these sites. Fuel resupply will then be required to bring these generators back online.
- Cyclone Gabrielle has significantly affected the rural sector across all regions. MPI has reported that sustaining milking operations, and access to animal feed/grazing are becoming issues. The large-scale damage to growers in the horticulture and viticulture sectors in Hawke's Bay could have substantial economic impacts on the region. Fonterra have reported that 32 dairy farms are inaccessible in the Hawke's Bay/Central District.
- Long term psychosocial impacts are anticipated by Ministry of Health, particularly if conditions remain serious for several weeks. Rural communities are likely to be affected.
- COVID-19 infections in ECCs and EOCs have increased in the past 7 days. CDEM groups should ensure robust infection prevention and control (IPC) measures including mask wearing and surveillance screening are in place to help maintain operational continuity in a response setting. The aim of these protocols should be to minimise the impact of possible infection on the ability of ECCs, EOCs or other places as directed to complete their response missions. Staff and volunteers should ensure they understand and adhere to the IPC protocols.



NCC ACTIONS

Actions carried out

- The NCC roster is being extended to Sunday 5 March, operating on a 24-hour roster as the event demands.
- NCC Logistics has facilitated the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 3:50PM on Wednesday 22 February there are 75 surge staff currently deployed to the CDEM Groups today, of which 57 are in Hawke's Bay, and 4 EMAT staff currently deployed.
- New Zealand Response Teams (NZRTs) have been mobilised and have deployed to provide support to Councils and FENZ for assessment, welfare, evacuation and cordon taskings.
- NCC Logistics are resolving accommodation issues in Hawke's Bay in conjunction with the ECC.
- The NCC PIM team has been updating safety messages, including additional information around slips and landslides. The team is pulling together key support avenues for a 'single-source-of-truth' page on NEMA's website. This will be complimented with some Iwi/Māori content and include a downloadable and printable version to be handed out for those with limited internet access.
- The NEMA NCC National Action Plan 001 (State of National Emergency) was issued at 12PM on 14 February 2023. This covers the period 12PM 14 February to 10PM 16 February 2023. A further supplementary Action Plan was issued on 19 February, lasting until 10PM 22 February.
- NCC Logistics have sourced 20 Enterprise Starlink units for distribution to FENZ and other partners to lift communications capability in affected areas.
- NCC Safety continues to support the welfare of NCC staff in Wellington and develop risk assessment guidance. The National Risk Assessment (guidance only) document is being developed by NCC Safety. It will outline known risks that will affect each region when recovery occurs. The primary focus is to create a dynamic risk assessment for clean-up operations.
- NCC Welfare and Intel are working collaboratively on information provided through Needs Assessments to enable prioritisation of resources and to build greater situational awareness.
- NCC Welfare priorities are building situational awareness, obtaining a clearer on-the-ground picture particularly of cut off communities who are being contacted by defence or Iwi organisations. Reports are that communities are expressing that they have not received CDEM support that they require therefore work must be done to ensure communities understand what support is available and who is providing it.
- NCC Critical Infrastructure have been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey bridges restoration prioritisation plan with Planning, Waka Kotahi and Operations, addressing urgent critical resource/support needs e.g., welfare food needs, generator and telecommunications. There is ongoing work on identifying longer term lifeline utilities disruption and impacts view across all sectors.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori, to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu has attended meetings and hui with key leaders and representatives of hapu and iwi to establish relationships, identify needs and to enhance communications.



MULTI-AGENCY ACTIONS AND RESOURCES

- 28 offers of international assistance have been received. Fiji has confirmed that 33 total personnel will be arriving on Saturday 25 February to assist. Support from the USA and further support from Australia is being discussed.
- Te Matapihi (Māori housing providers) are convening to ascertain the specific needs of Māori communities in areas impacted by Cyclone Gabrielle. Working closely with Welfare, MBIE (TAS) to gather info on Māori families that need immediate housing or accommodation especially whānau currently staying at CDCs.
- GNS is assessing data from helicopter reconnaissance on landslips. This will be shared directly with agencies.
- NEMA are working with MfE and Councils to facilitate timely clearing of flood induced property and silt management. Councils, with their communities, have had people on the ground all week helping clear homes and properties. Landfill capacity is becoming an issue in some areas and is something All of Government is working to address.
- RCCNZ remains the coordinator of CAT 1 and CAT 2 SAR aviation response in the Eastern District until NZ Police no longer require their support to meet CAT 1 response (there is currently no end date on this.).
- The National Health Coordination Centre (NHCC) is working alongside Regional and District Emergency Management teams, as well as the National Crisis Management Centre (NCMC) to support the health response to this event. Hawke's Bay hospitals are operating, with outpatients and elective surgeries being deferred. The focus is on acute care. Medical supplies continue to be airlifted where needed.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. The MSD Contact Centre is under significant pressure. To alleviate the contact centre pressure, at 8:00AM Sunday 19 February an on-line CD payment application form was launched for residents on the East Coast only. MSD has begun generating regional specific pamphlets to allow people to understand what support they have access to.
- The MBIE Temporary Accommodation Service (TAS) activated on 8 February for the Auckland region and are working closely with Auckland Emergency Management. TAS will stand up for the East Coast region on Monday 27 February. TAS remain in Watch Mode for other impacted regions.
- An all-of-MPI Response has been established. MPI continue to provide animal welfare emergency management and primary sector/rural community support to communities impacted by Cyclone Gabrielle. MPI are monitoring the calving forecast for the autumn and continue collection of information from across networks for primary sector impacts and needs, and for wider rural communities. Access has improved in Hawke's Bay, but aerial inspections has shown damage to single-access routes to a number of farms is extensive. MPI and Federated Farmers have restarted a national Feed Coordination Service to help recovering farmers. The service helps match people with grazing or supplementary feed for sale to those who need it.
- NZDF continue to support CDEM Groups in Tairāwhiti and Hawke's Bay with multiple activities including proving routes for access, transport of critical supplies, reconnaissance, and delivery of emergency supplies. NZDF are available to support local contractors in the building of Bailey bridges as required.
- The HMNZS Canterbury has unloaded supplies in Napier. It is now being repurposed as an accommodation facility for surge staff supporting the CDEM response to alleviate pressure on local emergency accommodation options.
- The HMNZS Te Mana is now berthed in Napier Port providing personnel and resources to support the CDEM Group.
- NZ Police are supporting with security around food and fuel distribution. Discontent to roading contractors at road closure checkpoints has been reported by Waka Kotahi.

- Waka Kotahi aerial reconnaissance (including drone and helicopter footage) is ongoing to assess the scale of damage and status of critical points on the state highway network. Progress has been made along SH5 (Napier to Wairoa) with the route passable from Wairoa to Putrino and from the south between Eskdale Road and Tangoio. The section in between is seriously damaged. Additionally, SH38 from Murupara to Wairoa is almost clear and may be able to fully open in 24-36 hours. This will open access from Wairoa towards Rotorua.

RECOVERY

- The National Recovery Coordination Group was stood up on Tuesday 14 February to provide coordination of recovery at the national level and to support locally led recoveries with a second meeting on Friday 17 February, and the third on Tuesday 21 February 2023.
- A new cyclone recovery taskforce headed by Sir Brian Roche, supported by regional groups, will be established. This will be modelled partly on a Queensland taskforce established after the Queensland floods. Terms of reference for the taskforce will be made public in coming days. Grant Robertson has taken on the new role of Cyclone Recovery Minister, with Barbara Edmonds as associate minister.
- Waste clean-up will remain a priority issue area into recovery.
- NEMA continues to support active recoveries for Marlborough, Tairāwhiti, Buller, Thames Coromandel, and the Auckland flooding event.

KEY REGIONAL UPDATES



NORTHLAND

Activation Status	CDEM Group ECC activated. Northland District EOC, Whangarei District EOC and Kaipara District EOC have activated.
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AFFECTED COMMUNITIES

- In the Far North District 10 CLC's are still open and are providing support to the wider community. Door-to-door activities will commence on Monday 20 February, targeting any rural households and communities, including lifestyle blocks.
- Building assessments as of 19 February: 36 red, 25 yellow, and 12 white placards.
- Concern is growing in regard to psychological impacts. A welfare Regional outreach Programme will be coordinated in support of those in need.
- There is a Welfare Recovery Transition Strategy in development.
- Parts of the local economy have been severely affected. It is estimated that 90% of kumara crops have been destroyed, and there are concerns that tourism to the region will suffer.
- All schools in Northland are open as of Wednesday 22 February.

CRITICAL INFRASTRUCTURE

- Healthcare facilities in the region remain stable, with Whangarei Hospital at 92% occupancy as at Tuesday 21 February. Although, admissions are projected to increase and discharges are expected to decrease.
- The region continues to experience power outages and road closures. Although restoration is progressing well with power over 98% restored as at Wednesday 22 February, leaving 3045 customers yet to be restored. Numbers are likely to increase again as low voltage issues are discovered after high voltage reconnections are made.
- As at Wednesday 22 February, 3 cell towers remain offline due to power outages. Telecommunication crews are currently working to deploy generators to these sites; however, access remains challenging.
- 2957 customers remain cut off from Fibre/Broadband connection. 2Degrees has 1,200 clients affected (only Kaikohe affected), related to a Chorus uplink connection outage
- All State highways are now open, excluding SH 1 which remains closed at the Brynderwyns and at Mangamuka Gorge, with detour routes available. Waka Kotahi estimate that it may take up to four weeks before full access can be restored, although access to emergency vehicles and light traffic may be available before then.
- As at Tuesday 21 February, significant damage has occurred to local roads with 15 remaining closed and 66 partially closed. Most closures do not impact property access.

AUCKLAND

Activation Status	CDEM Group ECC activated
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AFFECTED COMMUNITIES

- Communities continue to be cut off in Piha and Karekare due to landslips. These cut off communities include 3,380 households. In the Rodney District (Muriwai North) there is a large amount of deep-seated reactivated landslides mainly damaging infrastructure, agricultural and horticultural land. Slips are presenting access issues for emergency and response agencies. Eleven welfare support staff were airlifted into Karekare to conduct welfare assessments to create a plan around ongoing needs and support.
- As at Wednesday 22 February there are 4 CDCs/ shelters open, which accommodated 66 people overnight.
- Building assessments as of 2:00PM Wednesday 22 February: 573 red placards, 2,219 yellow placards and 4,079 white placards (for both January and February weather events). However, assessments on the January flood related homes have stopped with this being redirected to the Insurance Council NZ.
- The Temporary Accommodation Service (TAS), which is active, reports 300 registered households, of which 210 have been actively managed as at 5PM Monday 20 February. A total of 118 have been placed in TAS supply, and future need of 21.
- Oranga Tamariki hosted a meeting with representatives from Auckland Welfare, NZ Police, TAS and other key agencies. The focus of this meeting was the management of families, including children, which have been in Auckland CDC's for a prolonged period of time.
- Kāianga Ora have 569 properties damaged by flooding as of Tuesday 21 February. Of those damaged, 193 permanent rehousing offers have been made and 13 have started new tenancies. Kāianga Ora are exploring supply options, and have 23 portacabins that will arrive over the coming weeks from Christchurch.

- There is significant concern for the psychosocial needs of all cut off areas. This includes the need for trauma counselling services. Red Cross, Auckland Emergency Management and Response staff will continue to provide ongoing practical and psychosocial support for ten isolated communities, including Piha and Muriwai. Planning is underway to deploy support into South Head and Karekare.

CRITICAL INFRASTRUCTURE

- As at 8:30AM Wednesday 22 February Vector have confirmed that at least 900 of their customers remain without power. This figure excludes Piha, Karekare, Muriwai, and Bethells. 99% of the region is now connected to power. Warkworth and Helensville line repairs are experiencing challenges from access issues.
- 16 cell sites are down across the 3 networks primarily due to power restrictions.
- Water supply across all sites has been restored except Muriwai and households in North Piha. Water providers are aware of the additional pressure this creates in these communities and is working to resolve these faults as soon as possible
- Auckland Council Healthy Waters is assisting with the emptying of private septic systems in Piha. This has become an issue due to ongoing power disruption and silting caused by floods and landslips.

WAIKATO

Activation Status

CDEM Group ECC activated. Waikato District EOC and Thames Coromandel EOC activated.

AFFECTED COMMUNITIES

- Displaced people are being accommodated in emergency accommodation (motels). There are currently 7 households (13 people) in emergency accommodation. More evacuations are possible due to unstable land in the region.
- There are conflicting numbers being reported for displaced households in Waikato, between 10 and 32 people or households. More evacuations may be required as soil dries potentially creating more landslips. There are 20 people displaced or isolated in the Waikato District, and 13 in the Thames Coromandel District.
- Building assessments as of Tuesday 21 February: 28 red, 36 yellow, 36 white placards.
- As at Wednesday 22 February, one school remains closed, and is affected by the continued closure of some connection roads. The school is providing distance learning to their students. One early learning service remains closed.

CRITICAL INFRASTRUCTURE

- The main power connections have been restored leaving individual connections to be restored.
- As at 3PM Monday 20 February, three State highways and 13 local roads are closed, including:
 - SH 25A between Kopu and Hikau, which will likely remain closed for 12 months; and
 - SH 23 to Raglan, which is estimated to take up to 3 weeks to restore public access.
- SH25 has now been deemed suitable for truck and trailer units between Thames to Waihi.

BAY OF PLENTY

Activation Status CDEM Group deactivated and monitoring and providing support.

- The Group ECC and all activated EOCs have now stood down. The remaining impacts and needs are being dealt with by the appropriate business as usual teams.
- A recovery report is being drafted.
- Bay of Plenty have deployed five personnel to Tairāwhiti to support their response.
- As at [Wednesday 22](#) February the Ministry of Education advise that all schools are now open, although [one](#) Early Learning Services remain closed.

HAWKE'S BAY

Activation Status CDEM Group ECC activated, [Wairoa District Council EOC](#), [Hastings District Council EOC](#), [Napier City Council EOC](#), and [Central Hawkes Bay District Council EOC](#) are activated

- [Hawke's Bay Controller priorities](#) are the cut off communities and their needs, connecting with mana whenua and tangata whenua, and standing up environmental and public health.
- At 11:42AM 20 February Hawke's Bay Action Plan 08 was issued for the operational period through to 5:00 AM 22 February.

AFFECTED COMMUNITIES

- [Further visits conducted by air yesterday \(21 February\)](#) in cut off communities in Whanawhana Valley, Kuripangao, Ngamahanga, Ruahine Ranges, Wakarara Ranges, Northern Hawkes Bay, Kotemaori, Raupunga, Mohaka and Uruwera Forests.
- A temporary mortuary continues to operate at Hawke's Bay hospital and Napier Port.
- Total number of unaccounted for persons – 1020.
- Police are leading the search across Esk Valley which is now 95% complete.
- The anticipated demand for Temporary Accommodation Service (TAS) in Hawke's Bay is high and Hawke's Bay accommodation capacity is extremely low. Accommodation with capacity for 300 has been stood up for affected RSE workers in Hawke's Bay.
- MSD in Napier has reported that they have significant demand. The Oranga Tamariki team have made Napier site available for MSD to use, so MSD can see more clients in need.
- [13 Community Led Centre's \(CLCs\)](#) remain open providing shelter to [291](#) people.
- There are [5 CDC's](#) and community led centres open in the region. [217](#) are at the CDCs.
- Building assessment as of Tuesday 21 February: [39](#) red, [640](#) yellow, and [127](#) white placards. [28 381](#) buildings have been assessed – [this number includes assessments by FENZ and USAR Rapid Assessments and Local/Council](#).
- As of 19 February, Hastings Council have identified 28,381 addresses in sectors that have been impacted by flooding. [Where access allows, needs assessments are being conducted for impacted households](#).
- An additional 145 Police staff are on the ground in Eastern District to assist with the cyclone response and provide reassurance to local communities. Further staff are due to be deployed into

the district this week, including iwi and community liaison officers to support reassurance and prevention work.

- Further support is being provided to cut off communities through teams of health workers providing clinical care and delivering medical supplies.
- In Hastings / Napier, there is still significant damage to stop banks, with planning underway for the rapid rebuild of seven sites. The combination of information from rainfall monitoring, river flow or height monitoring and modelling, provide enough of a picture to give confidence of ability to be able to provide warning of a developing situation.
- The focus in Wairoa has shifted from rescue and life safety issues to infrastructure and connectivity, critical lifelines such as drinking water, and sewage and clean up.
- A number of support teams are in Hawke's Bay providing animal welfare assistance. A temporary animal shelter has been set up at the Hawke's Bay Racecourse.

CRITICAL INFRASTRUCTURE

- Hawke's Bay Hospital is running at capacity due to impacts of the flooding, and the hospital reports significant staffing challenges. This is expected to improve as staff personal circumstances stabilise. Medevacs are occurring and care of aged residents and vulnerable patients in Napier is an area of concern.
- Wairoa hospital as at full occupancy with a busy Emergency Department.
- Wairoa is seeking health advice regarding dust. People with potentially compromised private water bores are advised to use public chlorine-free taps.
- Te Whatu Ora is utilising its health networks to contact 6,000 known vulnerable people in the Hawke's Bay.
- There is an increase in presentation of gastro and some increase in RSV, however there are no identified outbreaks.
- Te Whatu Ora has reported an increase in clean up accidents occurring, as well an increase in skin infections.
- As of 3:30pm Tuesday 21 February there are still 5080 homes without power in Hawke's Bay.
- In Wairoa, there are 54 properties without power: Raupunga (incl. Kahungungu, Kakariki and Kotemaori) 33, Frasertown (incl. Marumaru and Putere), Morere 13, Whakamahai 3 and Mahia 1
- Genesis Energy is sending a small fleet of 4wds from Ruatahuna to Tuai power station to undertake repairs and maintenance on hydro station to ensure ongoing access to power. Army assistance may be required Wednesday for assistance Eastland power access.
- Cell phone coverage is continuing to increase, with Starlink units boosting coverage to areas. 12 (out of a total of 142) cell sites across all networks remain inoperable largely due to power outages. Gecko has provided a public wifi hotspot at Waipatiki Village. The fibre is cut between Napier and Gisborne – repairs are underway and expected to be completed today. Repairs are underway on fibre between Napier and Taupo, and Marewa and Hastings.
- Rural communities continue to be a top priority with efforts being made to gain access to the remaining communities who have not been reached. Contact has now been made with all cut off communities. In the Hastings District 10 communities remain accessible by air supply, specialist vehicle or 4x4 vehicle only.
- Fuel supply by road is replenishing stocks. 45 out of 55 fuel stations are operating in Hawke's Bay.
- On Friday 17 February a network of networks was stood up for four clusters. These are (1) rural places with no intelligence on them, (2) older persons, (3) RSE workers and (4) persons with disabilities. A 300-bed accommodation facility has been secured in Napier to shelter Recognised Seasonal Employer (RSE) workers. Progress is in place to sort a similar sized facility in Hastings.

- Current roading status as at 9:10AM Tuesday 21 February:
 - **SH35 from Wairoa to Lake Waikaremoana:** estimated 4 weeks to restore public access.
 - **SH2 Wairoa to Napier (Eskdale):** this section requires significant repairs including Bailey Bridge installation and significant works at Devil's Elbow. These have not yet been physically assessed, only from the air. Significant works will be required. Likely to be several months before opening to traffic. The section to the north of Putorino community may open earlier.
 - **SH5 Napier to Te Pohue:** bridge damaged between Eskdale Valley and Glengarry and significant silt to clear from the highway. We are working with council to restore access via Glengarry Road. Waka Kotahi estimates 4 weeks to restore public access however until clearance of silt is complete this remains uncertain.
 - **SH5 Te Pohue to Taupo:** controlled access in place for residents and supplies.
 - **SH2 Pakowai to SH2 Takapau junction:** estimated 1 week to restore public access.
 - **SH 51 (Clive Bridge):** expected to close for repairs for three days from 25 February.
 - **SH50 Takapua to Hastings:** remains closed – repairs are expected to be completed on Wednesday 22 February and the road may be able to be re-opened.
 - **SH2 north of Napier:** pumps are working to clear water at Whirinaki.
- At 10:00AM Wednesday 22 February there are 85 roads closed and continues to be no road access to Hawke's Bay from the north.
- As of Monday 20 February, 79 out of 179 bridges in Wairoa have had ground-based inspections. 3+ bridges have significant damage, 4+ have collapsed substructure and/or spans.
- There is a growing risk around the safety of traffic controllers at roadblocks. They are being threatened with firearms at roadblocks just north of Napier. Discussions are underway to develop a nationally coordinated plan to address concerns. Two sections of the state highway have been identified to present very high safety risks due to moving slips and catastrophic road damage, therefore the roadblocks are essential.
- In Hawke's Bay Emergency Services operations are constrained by availability of fuel and intermittent communications. Current pharmaceutical supply is estimated to only last one more week with some medication beginning to run low.
- Stop bank repairs at Awatoto has been identified as urgent given the forecast rain over the weekend.
- There is gear onsite to repair stop bank damage into bridge abutment opposite the Eastern Institute of Technology, Taradale.
- Waipawa town stop banks have been repaired. There has been an emergency repair to the Waipawa-Papanui breakout, a more permanent repair is to follow.
- There is significant slash against the bridge in Awatoto that is being removed.
- Hawke's Bay airport (in Napier) and Air Traffic Control has been reconnected to the grid with power restored.
- CAA have restricted airspace in a large area over Hawke's Bay and Tairāwhiti in the interests of safety due to the large number of helicopters, Air NZ, NZDF and drone flights. The restriction allows aircraft operating within the response to operate. It also permits other flights to occur providing they are registered with FENZ, the administering authority, coordinating all flights within the region. The restricted airspace has been broadly communicated with the aviation community and published via NOTAM (notice to airmen). The restricted airspace was reviewed Wednesday 22 February to ensure safety of recovery operations.

- Rail lines in and out of Hawke's Bay are closed due to significant damage. Track inspections have been put on hold due to issues accessing the networks. As of Tuesday 21 February, trains are still not running.
- WorkSafe have safety concerns regarding hazardous substances within the Hawke's Bay area, where some hazardous chemicals have been submerged. WorkSafe are working to obtain the Safety Data Sheets from storage facilities to understand the risk that this poses.
- Water supply remains fragile in Wairoa and rural Hastings. Water pumps have been supplied to Wairoa and Hastings urban water supply is supported by generators. Rural areas have damaged watermains resulting in limited or no water access. Napier supply is secure, with water restrictions in place. Additional generators are being sourced. The Pakawhai pump site is submerged and will need assessing. [There are boil water notices in place for Esk Ridge sub-division, Central Hawkes Bay, and Tuai water scheme.](#)
- The wastewater treatment plant in Napier remains offline. It is flooded with no 4WD access. Portaloos have been placed in Otane and Waipukurau. [There is raw sewage leakage in Maraenui, Napier. Wastewater management plans are being established in Wairoa.](#)
- [650 tonnes of waste discharged to landfill from North Clyde.](#)
- [HMNZS Canterbury has advised that all cargo \(including five Bailey Bridges, six utility vehicles, 20 generators, 50 gas bottles, and 120 emergency packs\) sent to the Hawkes Bay was successfully unloaded. Napier bound cargo is being sent to the showgrounds this morning and Gisborne pallets are alongside awaiting uplift by Manawanui. Containers with Bailey bridges are jetty side awaiting uplift.](#)

TAIRĀWHITI

Activation Status	CDEM Group ECC activated
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AFFECTED COMMUNITIES

- [Key focus is the ongoing resupply of cut off communities and the transition to recovery. A transition report is being compiled.](#)
- [Urban areas have reverted back to business as usual food distribution. The challenge of ongoing food supply and the creation of dependency issues are being addressed.](#)
- [There is a shift from CDCs to emergency accommodation. A few Community Hubs have been set up, which will have social agencies and occasionally insurance companies on site to assist those who have been impacted.](#)
- [Building assessments as of Wednesday 22 February: 12 red, 165 yellow. 357 buildings have been assessed. The Council advise that requests for assessments are decreasing.](#)
- [The CDEM Group are working to make contact with all cut off communities and are determining need and access. The Welfare Coordination Group is working with to ensuring that the needs of all cut off communities are assessed.](#)
- [As at 10:00AM Wednesday 22 February, HMNZS Manawanui had visited and resupplied Tolaga Bay, Waipiro Bay, Anaura Bay, Motuhina/Waioue Stream and Tokomaru Bay. Waipiro Bay reported that food supplies will last until Tuesday 28 February but may need a fuel resupply before then to power generators. These coastal communities along with Wahreponga remain inaccessible by road. The inland township of Matawai remains cut off. Due to the isolation, all communities require assistance with improving communications and life support needs.](#)
- [As at 5:00PM Tuesday 21 February supplies were delivered to Taharora Marae and Te Puia Springs Fire Station and Te Karaka.](#)

CRITICAL INFRASTRUCTURE

- Te Puia Springs Hospital continues to power its water pump through an independent generator.
- There remain approximately 378 consumers without access to power. Restoration of power to cut off communities is being worked on and generators are being supplied where possible.
- Telecommunications is steadily improving with Chorus making a temporary fix to the fibre north of Gisborne enabling full services, calls, texting and data on mobile to be available to 80% of Wairoa and central Gisborne. Ten Starlink units have been deployed to the region, sourced from Buller District Council and 9(2)(a)
- There is an active slip between Matawai and Te Karaka that is being monitored. Roothing around the rest of the region remains significantly damaged, with limited or no access along the coast.
- There are multiple issues arising along SH 35:
 - Between Te Puia Springs and Tokomaru Bay the road has been completely severed, which will likely be several months before opening to traffic; and
 - Between Tokomaru Bay and Tologa Bay, the Hikuwai bridge has been completely severed. It is estimated to take 3 months to erect a Bailey Bridge to restore access.
- A large slip in the Mangahuini Gorge has created a dam that has been assessed with the GNS report pending. This presents a risk to both contractors working on the road and the public in the surrounding area. There is growing pressure in regard to the re-opening of SH35, and local contractors have been continuing to clear SH35 and creating an alternative track through private land. This is a high-risk activity due to the dam at Mangahuini Gorge.

TARARUA

Activation Status

TDC EOC is activated

AFFECTED COMMUNITIES

- Building assessments as of Tuesday 21 February: 6 red, 9 yellow, and 9 white placards. 1 property remains affected by power outages.
- Initial aerial reconnaissance indicates that the damage in the Tararua area to roading and lifelines utilities is significant, and some rural communities are cut off.
- There are challenges contacting all households due to rural hilly locations, there are 56 households to contact, it is anticipated the remaining households will be contacted today.
- Airdrops continue to provide welfare and make contact with residents who have been cut off.
- Rural support is being given to farmers in Tararua by the Rural Support Trust, and Federated Farmers. There are reports of stock loss, flooded farmland and access issues for milk collection.

CRITICAL INFRASTRUCTURE

- Power has been restored to Akitio cell tower meaning that telecommunications are operating. This cell tower will also provide limited coverage to Herbertville.
- Local fuel outlets have been contacted directly to gauge availability. All sites have sufficient fuel supplies at this stage.
- 29 roads remain closed across the region.
- Dannevirke Wastewater Treatment Plant is now becoming overloaded. Communications have been pushed out to the Dannevirke Community to start conserving water to minimise the amount

of water that needs to be processed by the Dannevirke Wastewater Treatment Plant. Boil water notices are in place for Pongaroa and Ākito.

WAIRARAPA

Activation Status EOC deactivated Monday 20 February

AFFECTED COMMUNITIES

- Building assessments as of Tuesday 21 February: 20-30 buildings in Tinui and Castlepoint will need to be assessed (on 14 properties).
- Contact has been made with all communities to establish resourcing and support needs. NZDF and Response Teams have been assisting with the supply of food and other needs.

CRITICAL INFRASTRUCTURE

- Wellington Free Ambulance arranged delivery of medication to 10+ people.
- Tinui has small number of Gastroenteritis cases and is dealing with livestock faecal laden dust.
- In South Wairarapa Whiterock Road is open to 4x4 vehicles and residents only.
- Masterton Castlepoint Rd - Blairlogie to Tinui – this road will be closed for short durations with only essential workers and emergency services let through.



PUBLIC INFORMATION

Public information is being led by local Emergency Management. You can access the latest messaging here:

Northland: <https://www.facebook.com/civildefencenorthland/>

Auckland:

- <https://www.aucklandemergencymanagement.org.nz/major-incident/flooding-2023>
- <https://www.facebook.com/aklcdem>

Coromandel: <https://www.facebook.com/ThamesCoromandelDistrictCouncil/>

Waikato: <https://www.waikatoregioncdemg.govt.nz/>

Bay of Plenty: <https://www.bopcivildefence.govt.nz/>

Tairāwhiti: <https://www.gdc.govt.nz/services/civil-defence>

Hawke's Bay: <https://www.hbemergency.govt.nz/>

Manawatū-Whanganui: <https://www.facebook.com/civildefencemanawatuwhanganui/>

Talking points

- Monetary donations are the single most helpful thing kiwis can do right now. These money donations enable support organisations to provide exactly what is needed to those most affected.

- The donation of physical goods, whilst extremely generous and well intentioned is not the most effective way to help right at this minute.
- Often these donations don't match exactly what communities need, resulting in an oversupply and lack of capacity to manage this. This is the feedback we are getting overwhelmingly from those on the ground.
- Instead, we're encouraging donations to relief funds, of which there are many. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- While the worst of the weather has passed the devastation left in the wake of Cyclone Gabrielle has been extensive. A State of National Emergency was declared on 14 February, covering Auckland, Northland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua District. This is only the third time in New Zealand's history that this has been done.
- On Monday the government announced an extension to the state of national emergency. This extension continues the state of national emergency until 28 February, unless terminated before then or extended again.
- A National declaration is a partnership between central government and local authorities. It allows the Government, through NEMA, to support the affected regions.
- The National declaration only applies to the parts of New Zealand that have been severely affected by Cyclone Gabrielle.
- It has been a really tough month for many communities around Aotearoa New Zealand. Our thoughts are with you. The Government will continue to support you.
- [MetService have issued heavy rain watches for parts of the country from Otago to Hawke's Bay. A system over the South Island is moving northwards to reach the central North Island on Thursday, bringing rain with heavy falls. Hawke's Bay, in particular, could see an extended period of rainfall.](#)
- [Heavy rain could cause further issues in areas already impacted by Cyclone Gabrielle. This could include further flooding, landslides, and damage to roads.](#)
- [Take steps to get ready now before the rain arrives.](#)

Public safety messages

- Floodwaters may be full of sewage, chemicals and other hazardous materials and should be avoided as much as possible.
- Floodwater can carry bacteria that can contaminate food.
- Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Throw away all food and drinking water that has come in contact with floodwater.
- Do not eat garden produce if the soil has been flooded.
- [Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities.](#)
- [Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.](#)



- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high.
- In power outages use torches instead of candles, and only use camp cookers and BBQs outdoors.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Chorus Before you dig website and beforeudig.co.nz for all utilities.
- An all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.
<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1615 hours on 23 February 2023

Please send Agency updates and products to 9(2)(a) and 9(2)(a) for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 028

ISSUED AT 16:15 HOURS ON 23 FEBRUARY 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	State of National Emergency covering Northland Auckland Waikato Bay of Plenty Tairāwhiti Hawke's Bay Tararua District														
Activation status:	Time declared:														
Mode 4 Lead/Direct	State of National Emergency 8:43AM 14 February 2023 – 8:43AM 28 February 2023 (Northland, Auckland, Waikato, Bay of Plenty, Tairāwhiti and Hawke's Bay) 1.17PM 14 February 2023 – 1:17PM 28 February 2023 (Tararua District)														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">⊙</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	⊙		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 4	⊙														
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N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in blue text (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua. The State of National Emergency declared on 14 February 2023 was extended on Monday 20 February for another seven days.
- As of 2:00PM Thursday 23 February, 11 fatalities have been confirmed as a result of Cyclone Gabrielle and as a consequence of the cyclone. Reports of further fatalities cannot be verified until environmental conditions improve, and emergency personnel can access impacted areas.
- As at 2:00PM Thursday 23 February, a total of 6,960 reports of uncontactable people have been received by Police. A total of 6,893 reports have been made to notify that a person is safe. This data is still being processed by Police to remove duplicate reports and to match up those reported safe with those reported as uncontactable. To that extent, these figures do not accurately reflect the current situation.
- There have been substantial infrastructure impacts, in particular power, communications, roading and water. It is expected restoring and repairing the impacted infrastructure will take days to weeks. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and cut off communities. Food supplies are now being received in East Coast areas such as Wairoa and Tokomaru Bay by helicopter and Tologa Bay by naval vessel.
- Evacuated people continue to be accommodated in Civil Defence Centres (CDCs) across the impacted regions. Reporting suggests there are estimated to be 10,000 people displaced as a result of Cyclone Gabrielle.
- Between 28 January to 23 February \$40.100 million of Ministry of Social Development Civil Defence Grants have been paid to 78,006 people. On Wednesday 22 February \$3.498 million was paid to 7,242 people. Food continues to be the highest need for the payment.

Weather

- Rain or showers affecting eastern areas today (23 February) from Otago northwards to Tairāwhiti, including northern parts of the North Island. An isolated thunderstorm has developed over the Hauraki Plains, and there is a risk of further thunderstorms through Northland to Waikato, including Bay of Plenty and Tairāwhiti. These thunderstorms could possibly become severe about Hauraki Plains, Coromandel, western Bay of Plenty and northern parts of Tairāwhiti. A Thunderstorm Watch is in place.
- Orange Heavy Rain Warning in force for the Hawke's Bay with 150 to 200mm of rain expected about the ranges as well as away from the ranges north of Hastings (this includes the Esk Valley area and the Wairoa District), and 75 to 100mm elsewhere. The heaviest falls are likely from 3pm Friday 24 February, with peak rates of 20 to 30mm/h possible.
- Heavy Rain Watches are in force for Tairāwhiti, Wairarapa (including the Tararua District), western Bay of Plenty, Coromandel and Auckland for Friday 24 February. Tairāwhiti is likely to be upgraded to Orange.
- Hawkes Bay – Forecast for a few showers, turning to rain later on Thursday 23 February, possibly heavy at times. Southerly winds.

- Rain is forecast for Friday 24 February, likely heavy at times, with thunderstorms possible from the afternoon. Southeasterlies are expected, strong in exposed places, mainly near the coast.
- Rain is forecast for Saturday 25 February, possibly heavy, easing to a few showers in the morning. Southeasterlies are expected, turning southwest in the morning.
- Sunday 26 February is expected to be mainly fine, but isolated afternoon and evening showers are possible. West to northwest breezes are expected.
- Tairāwhiti - Thursday 23 February will see potentially heavy rain in the afternoon. Southerlies are expected, freshening later in the day. Rain is forecast for Friday 24 February through to Sunday 26 February. Friday will possibly be heavy at time with South-easterly winds. Saturday will see rain clearing early, then fine spells and isolated showers with North-westerly winds. Sunday will be mainly fine, with isolated afternoon and evening showers possible. Northwest breezes are expected.

Key Risks and Issues

- There is a southerly on Cook Strait with high winds, rough seas and swells forecast to be around 2 -3 metres, building to 4 metres at the weekend. As of 2:00PM Thursday 23 February Interislander services remain disrupted. Kaitaki is freight only and will sail to and from Picton once today (23 February). Aratere and Kaiarahi are sailing behind schedule. Bluebridge has cancellations to their services for today (23 February) and Friday 24 February due to engineering issues. Bluebridge also has limited availability across the Cook Strait with many sailings sold out. Further cancellations will result in stranded passengers in both Picton and Wellington and may force movement constraints of response related vehicles, resources and personnel. Agencies are recommended to conduct contingency planning in order to enable continued support to response and recovery efforts in affected areas.
- There is a low risk of tropical cyclone development to the north of Fiji from Sunday, then moving west towards Vanuatu on Monday. No other tropical cyclones are expected in the next 5 days.
- Reports of growing aggression within communities and toward staff working in affected communities. Growing psychosocial needs are emerging, fears this could be compounded by further bad weather and perceived unclear communications.
- Emerging issues are being associated with silt and waste management across affected regions. The public is being advised to wear PPE when clearing up and local authorities are compiling silt removal and disposal plans.
- Road closure and communication limitations are decreasing, however there is still incomplete information on cut off communities. Gaps in information include where they are, what their status is and what their needs are. Significant damage to infrastructure is also creating critical welfare needs in cut off areas. Where access allows, Needs Assessments are being conducted.
- The installation of some of the temporary Bailey bridges could take between four and six weeks per bridge depending on the ground conditions. This means no road access to those communities that are cut off due to damaged bridges, will continue for some time. Waka Kotahi have developed a rapid prioritization tool for emergency bridges which is being sent to Local Authorities for input and national prioritization.
- Key State Highway routes remain closed to the public; these are SH2 Napier to Wairoa, SH5 Napier to Taupo, and SH35 Tolaga Bay to Te Puia Springs. Full re-opening of these routes is unlikely to occur in the next week.
- The Ministry of Education confirm that approximately 73% of schools in the Hawke's Bay-Tairāwhiti region are open for onsite learning. Outside of these regions, 1 school/kura is closed, and 11 Early Learning Centres (ELCs) are closed.
- At 2:40PM Thursday 23 February, there were approximately 4,776 power outages nationally. There is at least 98.5% restoration across affected regions with the exception of rural

Napier/Hastings which is 64.2% restored. The split of rural and urban for Napier/Hastings is new from 23 February. Key areas of focus remain Northland, Tairāwhiti, and Hawke's Bay.

- There are still cell phone towers offline from all networks in Northland, Hawke's Bay and Tairāwhiti, primarily due to power outages. There are a number of cuts to the Chorus fibre backhaul caused by bridge washouts and/or landslips affecting the core network that provides connectivity to cell towers around Gisborne. Many cell sites are still running on generators and will continue to do so until mains power can be restored. If generator fuel supplies run out then coverage will drop off at these sites. Fuel resupply will then be required to bring these generators back online.
- Cyclone Gabrielle has significantly affected the rural sector across all regions. MPI has reported that sustaining milking operations, and access to animal feed/grazing are becoming issues. The large-scale damage to growers in the horticulture and viticulture sectors in Hawke's Bay could have substantial economic impacts on the region. Fonterra have reported that dairy farms are inaccessible in the Hawke's Bay/Central District.
- COVID-19 infections in ECCs and EOCs have increased in the past 8 days. CDEM groups should ensure robust infection prevention and control (IPC) measures including mask wearing and surveillance screening are in place to help maintain operational continuity in a response setting. The aim of these protocols should be to minimise the impact of possible infection on the ability of ECCs, EOCs or other places as directed to complete their response missions. Staff and volunteers should ensure they understand and adhere to the IPC protocols.



NCC ACTIONS

Actions carried out

- The NCC roster is being extended to Sunday 5 March, operating on a 24-hour roster as the event demands.
- NCC Logistics has facilitated the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:50PM on Thursday 23 February there are 86 surge staff currently deployed to the CDEM Groups today, of which 58 are in Hawke's Bay, and 7 EMAT staff currently deployed.
- New Zealand Response Teams (NZRTs) have been mobilised and have deployed to provide support to Councils and FENZ for assessment, welfare, evacuation and cordon taskings.
- The NCC PIM team has been updating safety messages, including additional information around slips and landslides. The team is pulling together key support avenues for a 'single-source-of-truth' page on NEMA's website. This will be complimented with some Iwi/Māori content and include a downloadable and printable version to be handed out for those with limited internet access.
- The NEMA NCC National Action Plan 002 (State of National Emergency) was issued at 4:15PM on 23 February 2023. This covers the period 10PM 23 February to 11AM 28 February 2023.
- NCC Logistics have sourced 20 Enterprise Starlink units for distribution to FENZ and other partners to lift communications capability in affected areas.
- NCC Safety continues to support the welfare of NCC staff in Wellington and develop risk assessment guidance. The National Risk Assessment (guidance only) document is being developed by NCC Safety. It will outline known risks that will affect each region when recovery occurs. The primary focus is to create a dynamic risk assessment for clean-up operations.
- NCC Welfare and Intel are working collaboratively on information provided through Needs Assessments to enable prioritisation of resources and to build greater situational awareness.

- NCC Welfare priorities are building situational awareness, obtaining a clearer on-the-ground picture particularly of cut off communities who are being contacted by defence or Iwi organisations. Reports are that communities are expressing that they have not received CDEM support that they require therefore work must be done to ensure communities understand what support is available and who is providing it.
- NCC Critical Infrastructure have been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey bridges restoration prioritisation plan with Planning, Waka Kotahi and Operations, addressing urgent critical resource/support needs e.g., welfare food needs, generator and telecommunications. There is ongoing work on identifying longer term lifeline utilities disruption and impacts view across all sectors.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori, to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu has attended meetings with agencies to enable support to for marae, iwi and rural support trusts. NCC Kaitohutohu are starting to hear from some Māori entities about recovery needs. The Minister for EM has requested activation of the Ministerial Advisory Committee.



MULTI-AGENCY ACTIONS AND RESOURCES

- Insurers value the opportunity for direct client interaction through the community support hubs to support Aucklanders with complex claims and who have experienced trauma and/or suffering anxiety about their damaged properties. Insurance Council recommend the extension of existing West Auckland support hubs and re-establishing a number of others for at least three more weeks.
- St John Ambulance continue to surge workforce into affected areas. A focus is the strengthening of St John infrastructure resilience in Hawkes Bay and Tairāwhiti to enable enduring power and ambulance radio network.
- 28 offers of international assistance have been received. Two Royal Australian Air Force (RAAF) C-27J Spartan aircraft arrived at RNZAF Base Auckland on 22 February and are preparing to conduct tasking in support of NEMA/RNZAF. Preparation is underway to accommodate and support the arrival of 33 Republic of Fiji Military Force (RFMF) combat engineer's contingent on Saturday 24 February. Support from the USA and further support from Australia is being discussed.
- Te Matapihi (Māori housing providers) are convening to ascertain the specific needs of Māori communities in areas impacted by Cyclone Gabrielle. Working closely with Welfare, MBIE (TAS) to gather info on Māori families that need immediate housing or accommodation especially whānau currently staying at CDCs.
- NEMA are working with MfE and Councils to facilitate timely clearing of flood inducted property and silt management. Councils, with their communities, have had people on the ground all week helping clear homes and properties. Landfill capacity is becoming an issue in some areas and is something All of Government is working to address.
- RCCNZ remains the coordinator of CAT 1 and CAT 2 SAR aviation response in the Eastern District until NZ Police no longer require their support to meet CAT 1 response (there is currently no end date on this.).
- The National Health Coordination Centre (NHCC) is working alongside Regional and District Emergency Management teams, as well as the National Crisis Management Centre (NCMC) to support the health response to this event. Hawke's Bay hospitals are operating, with outpatients and elective surgeries being deferred. The focus is on acute care. Medical supplies continue to be airlifted where needed.

- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. MSD has begun generating regional specific pamphlets to allow people to understand what support they have access to.
- The MBIE Temporary Accommodation Service (TAS) activated on 8 February for the Auckland region and are working closely with Auckland Emergency Management. [As at 10:19AM Thursday 23 February TAS stood up for Northland, Waikato, Tairāwhiti, Hawke's Bay and Manawatu.](#)
- An all-of-MPI Response has been established. MPI continue to provide animal welfare emergency management and primary sector/rural community support to communities impacted by Cyclone Gabrielle. MPI are monitoring the calving forecast for the autumn and continue collection of information from across networks for primary sector impacts and needs, and for wider rural communities. Access has improved in Hawke's Bay, but aerial inspections has shown damage to single-access routes to a number of farms is extensive. MPI and Federated Farmers have restarted a national Feed Coordination Service to help recovering farmers. The service helps match people with grazing or supplementary feed for sale to those who need it.
- [As at 9:00AM Thursday 23 February NZDF has over 800 personnel, two aircraft, three helicopters and two naval vessels involved in response activities.](#) NZDF are available to support local contractors in the building of Bailey bridges as required.
- The HMNZS Canterbury is now an accommodation facility in Napier for surge staff supporting the CDEM response to alleviate pressure on local emergency accommodation options.
- The HMNZS Manawānui continues to support CDEM Groups through the visiting cut off coastal communities and the supply of food and other critical supplies. [As at 9:00AM Thursday 23 February HMNZS was scheduled to depart Napier to off load supplies at Tolaga Bay.](#)



RECOVERY

- The National Recovery Manager chaired the first of a series of meetings with the Group Recovery Managers from affected areas to discuss current or planned recovery activities, future recovery arrangements, and transition planning.
- Many of the affected groups have begun drafting transition reports and have indicated when they intend to either transition or return to BAU activities. A staggered national recovery model appears likely. The National Recovery Manager indicates the shape of transition will be a strategic national decision.
- NEMA Recovery is actively monitoring progress of solid waste removal and disposal through the Regional Waste Response group organised by MfE. This will be a significant issue through the recovery phase.

KEY REGIONAL UPDATES



NORTHLAND

Activation Status

CDEM Group ECC activated. Northland District EOC, Whangarei District EOC and Kaipara District EOC have activated.

- The response phase will end and the recovery phase for the Northland region will begin at 4PM on Friday 24 February.

AFFECTED COMMUNITIES

- In the Far North District 10 CLC's are still open and are providing support to the wider community. Door-to-door activities will commence on Monday 20 February, targeting any rural households and communities, including lifestyle blocks.
- Marae are continuing to support affected people from South of Hokianga to Kaitaia.
- There is believed to be two remaining cut off communities, needs are being met in conjunction with Iwi.
- Iwi representatives have switched to recovery phase Working in the Northern Kaipara area carrying out welfare checks and assisting people impacted and are working in the Northern Kaipara area carrying out welfare checks and assisting people impacted
- Building assessments as of 23 February: 11 red, 26 yellow, and 12 white placards.
- Concern is growing regarding psychological impacts. A Welfare Regional Outreach Programme will be coordinated in support of those in need.
- There is a Welfare Recovery Transition Strategy in development.
- Parts of the local economy have been severely affected. It is estimated that 90% of kumara crops have been destroyed, and there are concerns that tourism to the region will suffer.

CRITICAL INFRASTRUCTURE

- Healthcare facilities in the region remain stable, with Whangarei Hospital at 92% occupancy as at Tuesday 21 February. Although, admissions are projected to increase, and discharges are expected to decrease.
- The region continues to experience power outages and road closures. Although restoration is progressing well with power over 99% restored as at 9:30AM Thursday 23 February, leaving 846 customers yet to be restored. Numbers are likely to increase again as low voltage issues are discovered after high voltage reconnections are made.
- As at Wednesday 22 February, 3 cell towers remain offline due to power outages. Telecommunication crews are currently working to deploy generators to these sites; however, access remains challenging.
- As at 6:00P Wednesday 22 February 4,151 customers remain cut off from Fibre/Broadband connection. 2Degrees has 1,200 clients affected (only Kaikohe affected), related to a Chorus uplink connection outage

- All State highways are now open, excluding SH1 which remains closed at the Brynderwyns and at Mangamuka Gorge, with detour routes available. Waka Kotahi estimate that it may take up to four weeks before full access can be restored, although access to emergency vehicles and light traffic may be available before then.
- As at 6:00PM Wednesday 22 February, significant damage has occurred to local roads with 17 remaining closed and 88 partially closed. Most closures do not impact property access.
- Dargaville wastewater treatment plant has no power and is using a generator to run discharge pumps, and the maturation pond flooded with river water.

AUCKLAND

Activation Status	CDEM Group ECC activated.
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- AEM Planning is compiling a four-day action Plan to cover the period Friday 24 – Monday 27 February. Managed re-entry of evacuated residents, and delivery of rapid relief, particularly in West Coast communities is being prioritised.
- An extraordinary committee meeting is being held today (23 February) to appoint the interim recovery manager and deputy recovery manager.
- Response Teams will be departing today (23 February) and tomorrow (24 February), and NZDF departing tomorrow.

AFFECTED COMMUNITIES

- Cut off communities include 3,380 households. Solid cordons in Karekare, Muriwai and Piha area are being re-instated/maintained for the weekend and possibly extended into the coming week. Possible cordon for Te Henga/Bethells is being explored.
- In the Rodney District (Muriwai North) there is a large amount of deep-seated reactivated landslides mainly damaging infrastructure, agricultural and horticultural land. Slips are presenting access issues for emergency and response agencies. Eleven welfare support staff were airlifted into Karekare to conduct welfare assessments to create a plan around ongoing needs and support. Staff received some verbal abuse by local homeowners.
- As at 2:00PM Thursday 23 February there are 4 CDCs/ shelters open, which accommodated 53 people overnight.
- Building assessments as of 2:00PM Thursday 23 February: 574 red placards, 2,227 yellow placards and 4,093 white placards (for both January and February weather events). However, assessments on the January flood related homes have stopped with this being redirected to the Insurance Council NZ.
- The Temporary Accommodation Service (TAS), which is active, reports 300 registered households, of which 210 have been actively managed as at 5PM Monday 20 February. A total of 118 have been placed in TAS supply, and future need of 21. TAS have reached capacity for accommodation in Auckland. Work continues to identify additional supply for the short, medium and long term. They have also received information stating Pacific Community members in South Auckland do not have the ability to register with TAS.
- Kāianga Ora have 569 properties damaged by flooding as of Tuesday 21 February. Of those damaged, 194 permanent rehousing offers have been made and 17 have started new tenancies. Kāianga Ora are exploring supply options, and have 23 portacabins that will arrive over the coming weeks from Christchurch.
- There is significant concern for the psychosocial needs of all cut off areas. Trauma specialists (supplied by Auckland Transport) have been, and continue to be, out in the west coast beach

communities. There is a huge need for psychosocial support in these areas. Work is underway with other agencies that may be able to assist with phyco-social support.

- Red Cross, Auckland Emergency Management and Response staff will continue to provide ongoing practical and psychosocial support for ten isolated communities, including Piha and Muriwai. Planning is underway to deploy support into South Head and Karekare.

CRITICAL INFRASTRUCTURE

- As at 2:00PM Thursday 23 February Geotechnical engineers note numerous active and undercut landslides on Karekare Road and Lone Kauri Road which need further assessment. The recommendation has been made to keep roads closed until further geotechnical assessment is undertaken.
- As at 2:00PM Thursday 23 February at least 900 of Vector customers remain without power. This figure excludes Piha, Karekare, Muriwai, and Bethells. 99% of the region is now connected to power. Warkworth and Helensville line repairs are experiencing challenges from access issues. A third of Kawau island continues to be without power and is currently using generators
- As at 2:00PM Thursday 23 February there are 39 local road closures in place. These closures are expected to last the next few days. There are also 4 lane closures.
- Eight cell sites are down across the three networks primarily due to power restrictions.
- Water supply across all sites has been restored except Muriwai and households in North Piha. Water providers are aware of the additional pressure this creates in these communities and is working to resolve these faults as soon as possible
- Auckland Council Healthy Waters is assisting with the emptying of private septic systems in Piha. This has become an issue due to ongoing power disruption and silting caused by floods and landslips.

WAIKATO

Activation Status

CDEM Group ECC activated. Thames Coromandel EOC activated. Waikato District EOC activated in Coordination mode – reporting by exception

AFFECTED COMMUNITIES

- Displaced people are being accommodated in emergency accommodation (motels). There are currently 7 households (13 people) in emergency accommodation. More evacuations are possible due to unstable land in the region. They are following up with welfare checks on residents of 2 properties that were red placard-ed and may require emergency accommodation.
- Building assessments as of Tuesday 21 February: 28 red, 36 yellow, 36 white placards. Total number of placard-ed properties is under reconciliation.
- As at Wednesday 22 February, one school remains closed, and is affected by the continued closure of some connection roads. The school is providing distance learning to their students. One early learning service remains closed.

CRITICAL INFRASTRUCTURE

- The main power connections have been restored leaving individual connections to be restored. 8 consumers remain without mains power as of 3PM 23 February – many of these are on generators.
- As at 3PM Monday 20 February, three State highways and 58 local roads are closed, including:
 - SH 25A between Kopu and Hikauī, which will likely remain closed for 12 months; and

- SH 23 to Raglan, which is estimated to take up to 3 weeks to restore public access.
- SH25 has now been deemed suitable for truck and trailer units between Thames to Waihi.

BAY OF PLENTY

Activation Status	CDEM Group deactivated and monitoring and providing support.
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- Any remaining welfare needs and impacts are being managed through business as usual structures.
- Power has been restored to all customers.
- A recovery report is being drafted.
- Bay of Plenty have deployed five personnel to Tairāwhiti to support their response.
- As at Wednesday 22 February the Ministry of Education advise that all schools are now open, although one Early Learning Services remain closed.

HAWKE'S BAY

Activation Status	CDEM Group ECC activated, Wairoa District Council EOC, Hastings District Council EOC, Napier City Council EOC, and Central Hawkes Bay District Council EOC are activated
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- Hawke's Bay Controller priorities are the cut off communities and their needs, connecting with mana whenua and tangata whenua, and standing up environmental and public health.
- Currently working under Action Plan 9a, operational period 5AM 22 February – 11PM 23 February.

AFFECTED COMMUNITIES

- All of Government agencies, in partnership with iwi and councils, are developing accommodation plans for Hawkes Bay region.
- Further visits conducted by air yesterday (21 February) in cut off communities in Whanawhana Valley, Kuripangao, Ngamahanga, Ruahine Ranges, Wakarara Ranges, Northern Hawkes Bay, Kotemaori, Raupunga, Mohaka and Uruwera Forests.
- A temporary mortuary continues to operate at Hawke's Bay hospital and Napier Port.
- Total number of unaccounted for persons is 152 as of Thursday 23 February.
- Police are leading the search across Esk Valley. As of the afternoon of 21 February 2023 36 houses remained to be cleared by Police.
- An additional 145 police staff and the Eagle helicopter remain the Eastern District.
- There are 6 CDC's and community led centres open in the region. There are 663 people currently in CDCs, CLCs, and marae.
- Building assessment as of Tuesday 21 February: 39 red, 700 yellow, and 127 white placards. 28 381 buildings have been assessed – this number includes assessments by FENZ and USAR Rapid Assessments and Local/Council.

- As of 19 February, Hastings Council have identified 28,381 addresses in sectors that have been impacted by flooding. Where access allows, needs assessments are being conducted for impacted households.
- There are 80 Māori wardens on the ground, who reached 13 marae on Wednesday 22 February. Urapa assessments are currently underway, there are four with known substantial land movement which is affecting remains.
- NZ Police Iwi Liaison Officers (ILOs) visited various rural Marae and rural schools. Reassurance conversations took place with kaumatua and kuia. Common themes included being of high spirits and persons observed behaving suspiciously. Marae and whanau were advised of preventive information, and to record registrations and other details for NZ Police to follow up on or act on.
- Police Liaison Officer (PLO) visits to Pasifika Evacuation/ Welfare Centres in Flaxmere and Hastings with enabled police reassurance messaging. The PLO was able to converse in te reo. PLO visits enabled a greater understanding of Pasifika communities and RSE workers who have been impacted by Cyclone Gabrielle.
- Further support is being provided to cut off communities through teams of health workers providing clinical care and delivering medical supplies.
- In Hastings / Napier, there is still significant damage to stop banks, with planning underway for the rapid rebuild of seven sites. The combination of information from rainfall monitoring, river flow or height monitoring and modelling, provide enough of a picture to give confidence of ability to be able to provide warning of a developing situation.
- The focus in Wairoa has shifted from rescue and life safety issues to infrastructure and connectivity, critical lifelines such as drinking water, and sewage and clean up.
- A number of support teams are in Hawke's Bay providing animal welfare assistance. A temporary animal shelter has been set up at the Hawke's Bay Racecourse.
- There are 46 (of 173) schools and 78 (of 291) Early Learning Services closed across Hawkes Bay and Tairāwhiti as of Thursday 23 February.

CRITICAL INFRASTRUCTURE

- Hawke's Bay Hospital remains at red. This is mainly due to not being able to discharge patients who cannot self-care at home. They are looking to get paramedics on welfare flights to have medical care delivered in the community rather than people coming into the hospitals.
- Wairoa hospital as at full occupancy with a busy Emergency Department.
- Wairoa is seeking health advice regarding dust. People with potentially compromised private water bores are advised to use public chlorine-free taps.
- Te Whatu Ora is utilising its health networks to contact 6,000 known vulnerable people in the Hawke's Bay.
- There is an increase in presentation of gastro and some increase in RSV, however there are no identified outbreaks.
- Te Whatu Ora has reported an increase in clean up accidents occurring, as well an increase in skin infections.
- As of 10AM Thursday 23 February there are 4177 homes without power in Hawke's Bay.
- In Wairoa, there are 17 properties without power.
- Genesis Energy sent a small fleet of 4wds from Ruatahuna to Tuai power station to undertake repairs and maintenance on hydro station to ensure ongoing access to power.
- Cell phone coverage is continuing to increase, with Starlink units boosting coverage to areas. 12 (out of a total of 142) cell sites across all networks remain inoperable largely due to power

outages. Gecko has provided a public wifi hotspot at Waipatiki Village. The fibre is cut between Napier and Gisborne – repairs are underway and expected to be completed today. Repairs are underway on fibre between Napier and Taupo, and Marewa and Hastings.

- Rural communities continue to be a top priority with efforts being made to gain access to the remaining communities who have not been reached. Contact has now been made with all cut off communities. In the Hastings District 10 communities remain accessible by air supply, specialist vehicle or 4x4 vehicle only.
- Fuel supply by road is replenishing stocks. 49 (up 4) out of 55 fuel stations are operating in Hawke's Bay.
- On Friday 17 February a network of networks was stood up for four clusters. These are (1) rural places with no intelligence on them, (2) older persons, (3) RSE workers and (4) persons with disabilities. A 300-bed accommodation facility has been secured in Napier to shelter Recognised Seasonal Employer (RSE) workers. Progress is in place to sort a similar sized facility in Hastings.
- Current roading status:
 - **SH35 from Wairoa to Lake Waikaremoana:** estimated 4 weeks to restore public access.
 - **SH2 Wairoa to Napier (Eskdale):** this section requires significant repairs including Bailey Bridge installation and significant works at Devil's Elbow. These have not yet been physically assessed, only from the air. Significant works will be required. Likely to be several months before opening to traffic. The section to the north of Putorino community may open earlier.
 - **SH5 Napier to Te Pohue:** bridge damaged between Eskdale Valley and Glengarry and significant silt to clear from the highway. We are working with council to restore access via Glengarry Road. Waka Kotahi estimates 4 weeks to restore public access however until clearance of silt is complete this remains uncertain.
 - **SH5 Te Pohue to Taupo:** controlled access in place for residents and supplies.
 - **SH2 Pakowai to SH2 Takapau junction:** estimated 1 week to restore public access.
 - **SH 51 (Clive Bridge):** expected to close for repairs for three days from 25 February.
 - **SH50 Takapua to Hastings:** remains closed – repairs are expected to be completed on Wednesday 22 February and the road may be able to be re-opened.
 - **SH2 north of Napier:** pumps are working to clear water at Whirinaki.
- At 10:00AM Thursday 23 February there are 85 roads closed and continues to be no road access to Hawke's Bay from the north.
- As of Monday 20 February, 79 out of 179 bridges in Wairoa have had ground-based inspections. 3+ bridges have significant damage, 4+ have collapsed substructure and/or spans.
- Stop bank repairs at Awatoto has been identified as urgent given the forecast rain over the weekend.
- There is gear onsite to repair stop bank damage into bridge abutment opposite the Eastern Institute of Technology, Taradale.
- Waipawa town stop banks have been repaired. There has been an emergency repair to the Waipawa-Papanui breakout, a more permanent repair is to follow.
- There is significant slash against the bridge in Awatoto that is being removed.
- Hawke's Bay airport (in Napier) and Air Traffic Control has been reconnected to the grid with power restored.

- CAA have restricted airspace in a large area over Hawke's Bay and Tairāwhiti in the interests of safety due to the large number of helicopters, Air NZ, NZDF and drone flights. The restriction allows aircraft operating within the response to operate. It also permits other flights to occur providing they are registered with FENZ, the administering authority, coordinating all flights within the region. The restricted airspace has been broadly communicated with the aviation community and published via NOTAM (notice to airmen). The restricted airspace was reviewed Wednesday 22 February to ensure safety of recovery operations.
- Rail lines in and out of Hawke's Bay are closed due to significant damage. KiwiRail is aiming to open the line between Woodville and Hastings in the next 3-4 weeks. The line between Hastings and Napier is expected to take months to reopen. Lines between Napier and Wairoa is expected to be closed for some time.
- WorkSafe have safety concerns regarding hazardous substances within the Hawke's Bay area, where some hazardous chemicals have been submerged. WorkSafe are working to obtain the Safety Data Sheets from storage facilities to understand the risk that this poses.
- Water supply remains fragile in Wairoa and rural Hastings. The main water supply has been restored to Wairoa. Water pumps have been supplied to Wairoa and Hastings urban water supply is supported by generators. Rural areas have damaged watermains resulting in limited or no water access. Napier supply is secure, with water restrictions in place. Additional generators are being sourced. The Pakawhai pump site is submerged and will need assessing. There are boil water notices in place for Esk Ridge sub-division, and Central Hawkes Bay. The boil water notice for Wairoa has been lifted. The Water Treatment Plant in Waipawa requires major rebuild, considering relocation of plant. Waipukurau has boil water notice and water restrictions in place with restoration of drinking water supply expected next week.
- The wastewater treatment plant in Napier remains offline. It is flooded with no 4WD access. Portaloos have been placed in Otane and Waipukurau. There is raw sewage leakage in Maraenui, Napier. Wastewater management plans are being established in Wairoa.
- 650 tonnes of waste discharged to landfill from North Clyde.
- HMNZS Canterbury offloaded all cargo (including five Bailey Bridges, six utility vehicles, 20 generators, 50 gas bottles, and 120 emergency packs) Wednesday 22 February. It has now in the Port of Napier in preparation to accommodate emergency response staff.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated
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AFFECTED COMMUNITIES

- Evacuations in Tokomaru Bay have been planned in relation to the Mangahauini River debris dam. The evacuations will begin from 4PM 23 February, with a community hui at 6PM. Whanau will stay at the two Maraes. Publicity of this evacuation will be dealt with in a way that will not cause excess stress to the communities.
- Iwi Liaison Officers (ILOs) in Hawkes Bay visited various rural Marae and rural schools, some with high Maori population. Reassurance conversations being had with kaumatua and kuia. Common themes include: 1) being of high spirits; and 2) the observation of persons behaving 1C. Marae and whanau being advised of preventive information, as well as taking registrations and as many details as possible for police to follow up on or act on.
- A NZ Police Iwi Liaison Officers (ILO) team deployed to Wairoa alongside Tairāwhiti leadership and a reassurance team. These assisted with a clean-up of a local gym and two houses affected by flooding.

- Growing concern regarding bees; estimates of 2,000 hives lost and growing concerns on availability of manuka flowers as reports are showing large percentages have been affected by the floods.
- Key focus is the ongoing resupply of cut off communities and the transition to recovery. A transition report is being compiled.
- Urban areas have reverted back to business as usual food distribution. The challenge of ongoing food supply and the creation of dependency issues are being addressed.
- There is a shift from CDCs to emergency accommodation. A few Community Hubs have been set up, which will have social agencies and occasionally insurance companies on site to assist those who have been impacted.
- Building assessments as of **Thursday 23 February**: 12 red, 165 yellow. 357 buildings have been assessed. The Council advise that requests for assessments are decreasing.
- The CDEM Group are working to make contact with all cut off communities and are determining need and access. The Welfare Coordination Group is working with to ensuring that the needs of all cut off communities are assessed.
- As at 10:00AM Wednesday 22 February, HMNZS Manawanui had visited and resupplied Tolaga Bay, Waipiro Bay, Anaura Bay, Motuhina/Waioue Stream and Tokomaru Bay. Waipiro Bay reported that food supplies will last until Tuesday 28 February but may need a fuel resupply before then to power generators. These coastal communities along with Wahreponga remain inaccessible by road. The inland township of Matawai remains cut off. Due to the isolation, all communities require assistance with improving communications and life support needs.
- As at 5:00PM Tuesday 21 February supplies were delivered to Taharora Marae and Te Puia Springs Fire Station and Te Karaka.

CRITICAL INFRASTRUCTURE

- Te Puia Springs Hospital continues to power its water pump through an independent generator.
- **As at 12:00PM Thursday 23 February** there remains approximately 171 consumers without access to power. Restoration of power to cut off communities is being worked on and generators are being supplied where possible.
- Telecommunications is steadily improving with Chorus making a temporary fix to the fibre north of Gisborne enabling full services, calls, texting and data on mobile to be available to 80% of Wairoa and central Gisborne. Ten Starlink units have been deployed to the region, sourced from Buller District Council and 9(2)(a).
- There is an active slip between Matawai and Te Karaka that is being monitored. Roding around the rest of the region remains significantly damaged, with limited or no access along the coast.
- There are multiple issues arising along SH 35:
 - Between Te Puia Springs and Tokomaru Bay the road has been completely severed, which will likely be several months before opening to traffic; and
 - Between Tokomaru Bay and Tologa Bay, the Hikuwai bridge has been completely severed. It is estimated to take 3 months to erect a Bailey Bridge to restore access.
- **The Waipaoa treatment plant is supplying Gisborne city with limited treatment capacity. Incremental gains in the city storage reservoirs over the past 2 days with industry off the supply. Crisis status remains.**

TARARUA

Activation Status	TDC EOC is activated
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AFFECTED COMMUNITIES

- Building assessments as of [Wednesday 22 February](#): 6 red, 9 yellow, and 9 white placards. 1 property remains affected by power outages.
- Initial aerial reconnaissance indicates that the damage in the Tararua area to roading and lifelines utilities is significant, and some rural communities are cut off.
- There are challenges contacting all households due to rural hilly locations, there are 56 households to contact. [Attempts are being made to contact these households.](#)
- Airdrops continue to provide welfare and make contact with residents who have been cut off.
- Rural support is being given to farmers in Tararua by the Rural Support Trust, and Federated Farmers. There are reports of stock loss, flooded farmland and access issues for milk collection.

CRITICAL INFRASTRUCTURE

- [As at 6:00PM Wednesday 22 February all communication networks are operational.](#)
- Local fuel outlets have been contacted directly to gauge availability. All sites have sufficient fuel supplies at this stage.
- 29 roads remain closed across the region.
- Dannevirke Wastewater Treatment Plant is now becoming overloaded. Communications have been pushed out to the Dannevirke Community to start conserving water to minimise the amount of water that needs to be processed by the Dannevirke Wastewater Treatment Plant. Boil water notices are in place for Pongaroa and Ākito.

WAIRARAPA

Activation Status	EOC deactivated Monday 20 February
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- [Response in this district is now moving into recovery mode.](#)

AFFECTED COMMUNITIES

- Building assessments as of [Tuesday 21 February](#): 20-30 buildings in Tinui and Castlepoint will need to be assessed (on 14 properties).

CRITICAL INFRASTRUCTURE

- In South Wairarapa Whiterock Road is open to 4x4 vehicles and residents only. Six local road remain closed.
- Masterton Castlepoint Rd - Blairlogie to Tinui – this road will be closed for short durations with only essential workers and emergency services let through.



PUBLIC INFORMATION

Public information is being led by local Emergency Management. You can access the latest messaging here:

Northland: <https://www.facebook.com/civildefencenorthland/>

Auckland:

- <https://www.aucklandemergencymanagement.org.nz/major-incident/flooding-2023>
- <https://www.facebook.com/aklcedem>

Coromandel: <https://www.facebook.com/ThamesCoromandelDistrictCouncil/>

Waikato: <https://www.waikatoregioncdemg.govt.nz/>

Bay of Plenty: <https://www.bopcivildefence.govt.nz/>

Tairāwhiti: <https://www.gdc.govt.nz/services/civil-defence>

Hawke's Bay: <https://www.hbemergency.govt.nz/>

Manawatū-Whanganui: <https://www.facebook.com/civildefencemanawatuwhanganui/>

Talking points

- Monetary donations are the single most helpful thing kiwis can do right now. These money donations enable support organisations to provide exactly what is needed to those most affected.
- The donation of physical goods, whilst extremely generous and well intentioned is not the most effective way to help right at this minute.
- Often these donations don't match exactly what communities need, resulting in an oversupply and lack of capacity to manage this. This is the feedback we are getting overwhelmingly from those on the ground.
- Instead, we're encouraging donations to relief funds, of which there are many. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- While the worst of the weather has passed the devastation left in the wake of Cyclone Gabrielle has been extensive. A State of National Emergency was declared on 14 February, covering Auckland, Northland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua District. This is only the third time in New Zealand's history that this has been done.
- On Monday the government announced an extension to the state of national emergency. This extension continues the state of national emergency until 28 February, unless terminated before then or extended again.
- A National declaration is a partnership between central government and local authorities. It allows the Government, through NEMA, to support the affected regions.
- The National declaration only applies to the parts of New Zealand that have been severely affected by Cyclone Gabrielle.
- It has been a really tough month for many communities around Aotearoa New Zealand. Our thoughts are with you. The Government will continue to support you.

- MetService have issued an orange heavy rain warning for Hawke's Bay for the period from 10am Thursday 23 February to 10am Saturday 25 February. Heavy rain watches are in place for other parts of the North Island.
- Heavy rain could cause further issues in areas already impacted by Cyclone Gabrielle. This could include further flooding, landslides, and damage to roads.
- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- Floods and flash floods can happen quickly. If you see rising water, do not wait for official warnings. Head for higher ground and stay away from floodwater.

Public safety messages

- Floodwaters may be full of sewage, chemicals and other hazardous materials and should be avoided as much as possible.
- Floodwater can carry bacteria that can contaminate food.
- Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Throw away all food and drinking water that has come in contact with floodwater.
- Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities.
- Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high.
- In power outages use torches instead of candles, and only use camp cookers and BBQs outdoors.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Chorus Before you dig website and beforeudig.co.nz for all utilities.
- An all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.
<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>



ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>



- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1615 hours on 24 February 2023

Please send Agency updates and products to 9(2)(a) and 9(2)(a) for inclusion in NCC Intelligence Products.

Proactively released



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 029

ISSUED AT 16:15 HOURS ON 24 FEBRUARY 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	State of National Emergency covering Northland Auckland Waikato Bay of Plenty Tairāwhiti Hawke's Bay Tararua District														
Activation status:	Time declared:														
Mode 4 Lead/Direct	State of National Emergency 8:43AM 14 February 2023 – 8:43AM 28 February 2023 (Northland, Auckland, Waikato, Bay of Plenty, Tairāwhiti and Hawke's Bay) 1.17PM 14 February 2023 – 1:17PM 28 February 2023 (Tararua District)														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">⊙</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	⊙		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in blue text (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua. The State of National Emergency declared on 14 February 2023 was extended on Monday 20 February for another seven days.
- As at 6:30AM Friday 24 February, 11 fatalities have been confirmed as a result of Cyclone Gabrielle.
- The number of uncontactable people in the Gisborne and Hawkes Bay regions was 13 as of 3:45pm Friday 24 February.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and cut off communities. Food supplies are now being received in East Coast areas such as Wairoa and Tokomaru Bay by helicopter and Tologa Bay by naval vessel.
- As at 23 February \$44.073 million of Ministry of Social Development Civil Defence Grants have been paid to 84,270 people. On Wednesday 23 February \$3.968 million was paid to 7,695 people. Food continues to be the highest need for the payment.
- Precautionary evacuations have been ordered in the Esk Valley of between 500-1400 people this afternoon (February) ahead of forecast heavy rain. An emergency mobile alert was issued at 1.30PM to inform residents. Evacuation centres have been set up to receive displaced residents.

Weather

- Heavy rain or showers are forecast for Auckland, Coromandel, Waikato, Western Bay of Plenty, and Tairāwhiti today. There is a risk of severe thunderstorms/downpours in Auckland and Coromandel where a Thunderstorm Watch is in place, and a risk of downpours in Tairāwhiti. The rain is forecast to become heavy about Hawke's Bay and Wairarapa this evening and overnight.
- **Coromandel Peninsula** - An Orange Heavy Rain Warning is in force with 80 to 110 mm of rain forecast (localised areas could see up to 180 mm). Peak rates of 10 to 25 mm/h are possible from this afternoon, with localised downpours of 25 to 40 mm/h (or possibly more) in thunderstorms. A Severe Thunderstorm Watch is also in force for this area.
- **Gisborne and Tairāwhiti** - An Orange Heavy Rain Warning in force with a further 60 to 90 mm of rain forecast on top of what has already fallen, with peak rates of rates of 5 to 10 mm/h. Localised areas could receive 100 to 150 mm of rain (or possibly more), with localised downpours of 25 to 40 mm/h and thunderstorms possible from this afternoon.
- **Hawkes Bay** - An Orange Heavy Rain Warning in force with 100 to 150mm of rain expected about the ranges as well as away from the ranges north of Hastings (this includes the Esk Valley area and the Wairoa District), and 60 to 90mm elsewhere. These rainfall amounts are in addition to what has already fallen. The heaviest falls are likely Saturday morning, when peak rates of 25 to 40 mm/h are expected, with thunderstorms possible.

Key Risks and Issues

- There is a southerly on Cook Strait with high winds, rough seas and swells forecast to be around 2 -3 metres, building to 4 metres at the weekend. As of 10AM Friday 24 February Interislander services remain disrupted. Kaitaki is freight only. Aratere and Kaiarahi are sailing behind schedule. Bluebridge has cancelled sailings on the Connemara until Saturday 25 February and the Staitsman was significantly delayed Friday morning due to a workplace accident. Bluebridge also has limited availability across the Cook Strait with many sailings sold out. Further cancellations will result in stranded passengers in both Picton and Wellington and may constrain response related vehicles, resources and personnel. Agencies are recommended to conduct contingency planning in order to enable continued support to response and recovery efforts in affected areas.
- There is a low risk of tropical cyclone development between Fiji and Vanuatu from Monday (27 February) next week. Additionally, there is a low risk for a tropical cyclone in the Coral Sea from Tuesday next week. There is a high risk of Tropical Cyclone development from mid to late next week. It is too early to determine the risk to New Zealand.
- There are emerging issues with silt and waste management across affected regions. The public is being advised to wear PPE when clearing up and local authorities are compiling silt removal and disposal plans.
- The installation of some of the temporary Bailey bridges could take between four and six weeks per bridge depending on the ground conditions. This means no road access to those communities that are cut off due to damaged bridges in that time. Waka Kotahi have developed a rapid prioritization tool for emergency bridges which is being sent to Local Authorities for input and national prioritization.
- Key State Highway routes remain closed to the public; these are SH2 Napier to Wairoa, SH5 Napier to Taupo, and SH35 Tolaga Bay to Te Puia Springs.
- At 2:00PM Friday 24 February, there were approximately 4,071 power outages nationally. There is at least 99.05% restoration across affected regions with the exception of rural Napier/Hastings which is 77.2% restored. Key areas of focus remain Northland, Tairāwhiti, and Hawke's Bay.
- There are seven cell phone towers offline from all networks in Northland and Hawke's Bay, primarily due to power outages. This will cause some communication issues in the region.
- COVID-19 infections in impacted communities and response staff are increasing. CDEM groups should ensure robust infection prevention and control (IPC) measures including mask wearing and surveillance screening are in place to help maintain operational continuity in a response setting. The aim of these protocols should be to minimise the impact of possible infection on the ability of ECCs, EOCs or other places as directed to complete their response missions. Staff and volunteers should ensure they understand and adhere to the IPC protocols.



NCC ACTIONS

Actions carried out

- The NCC roster is being extended to Sunday 5 March, operating on a 24-hour roster as the event demands.
- NCC Logistics has facilitated the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:50PM on Thursday 23 February there are 86 surge staff currently deployed to the CDEM Groups today, of which 58 are in Hawke's Bay, and 7 EMAT staff currently deployed.
- New Zealand Response Teams (NZRTs) have been mobilised and have deployed to provide support to Councils and FENZ for assessment, welfare, evacuation and cordon taskings.

- The NCC PIM team has been updating safety messages, including additional information around slips and landslides. The team is pulling together key support avenues for a 'single-source-of-truth' page on NEMA's website. This will be complimented with some Iwi/Māori content and include a downloadable and printable version to be handed out for those with limited internet access.
- The NEMA NCC National Action Plan 002 (State of National Emergency) was issued at 4:15PM on 23 February 2023. This covers the period 10PM 23 February to 11AM 28 February 2023.
- NCC Planning are working with the Ministry for the Environment and impacted Councils to develop a clean-up plan, for silt and flood inundated properties. NCC Planning are considering and scoping international offers of assistance for long-term response needs.
- NCC Logistics have sourced 20 Enterprise Starlink units for distribution to FENZ and other partners to lift communications capability in affected areas.
- NCC Safety continues to support the welfare of NCC staff in Wellington and develop risk assessment guidance. The National Risk Assessment (guidance only) document is being developed by NCC Safety. It will outline known risks that will affect each region when recovery occurs. The primary focus is to create a dynamic risk assessment for clean-up operations.
- NCC Welfare and Intel are working collaboratively on information provided through Needs Assessments to enable prioritisation of resources and to build greater situational awareness.
- NCC Welfare priorities are building situational awareness, obtaining a clearer on-the ground picture particularly of cut off communities who are being contacted by defence or Iwi organisations. Reports are that communities are expressing that they have not received CDEM support that they require therefore work must be done to ensure communities understand what support is available and who is providing it.
- NCC Welfare is working with Hawke's Bay CDEM to finalise the draft of Needs Assessment template.
- NCC Critical Infrastructure have been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey bridges restoration prioritisation plan with Planning, Waka Kotahi and Operations, addressing urgent critical resource/support needs e.g., welfare food needs, generator and telecommunications. There is ongoing work on identifying longer term lifeline utilities disruption and impacts view across all sectors.
- NCC Kaitohutohu has received offers of support and resources from Iwi/Māori, to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu has attended meetings with agencies to enable support to for marae, Iwi and rural support trusts. NCC Kaitohutohu are starting to hear from some Māori entities about recovery needs. The Minister for EM has requested activation of the Ministerial Advisory Committee. NCC Kaitohutohu is linking policy function with TPK to ensure alignment around funding options for Iwi and marae.



MULTI-AGENCY ACTIONS AND RESOURCES

- 28 offers of international assistance have been received. Two Royal Australian Air Force (RAAF) C-27J Spartan aircraft, with supporting crew, arrived at RNZAF Base Auckland on 22 February. 26 Australian specialists have been working on the ground with FENZ and NZDF. Preparation is underway to accommodate and support the arrival of 33 Republic of Fiji Military Force (RFMF) combat engineer's contingent arriving 24 February. They will be out on the ground with NZDF and FENZ staff, and in the bunker, from 25 February. Support from the USA and further support from Australia is currently being discussed.

- Te Matapihi (Māori housing providers) are convening to ascertain the specific needs of Māori communities in areas impacted by Cyclone Gabrielle. Working closely with Welfare, MBIE (TAS) to gather info on Māori families that need immediate housing or accommodation especially whānau currently staying at CDCs.
- NEMA are working with MfE and Councils to facilitate timely clearing of flood induced property and silt management. Councils, with their communities, have had people on the ground all week helping clear homes and properties. Landfill capacity is becoming an issue in some areas and is something All of Government is working to address.
- RCCNZ remains the coordinator of CAT 1 and CAT 2 SAR aviation response in the Eastern District until NZ Police no longer require their support to meet CAT 1 response (there is currently no end date on this.).
- The National Health Coordination Centre (NHCC) is working alongside Regional and District Emergency Management teams, as well as the National Crisis Management Centre (NCCMC) to support the health response to this event. Hawke's Bay hospitals are operating, with outpatients and elective surgeries being deferred. The focus is on acute care. Medical supplies continue to be airlifted where needed.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. The line received 5,799 calls on yesterday (23 February) and has an average wait time of just over 7 minutes. The line will be operating over the weekend between 8am – 5pm Saturday, and 8am – 1pm Sunday. MSD has begun generating regional specific pamphlets to allow people to understand what support they have access to.
- The MBIE Temporary Accommodation Service (TAS) activated on 8 February for the Auckland region and are working closely with Auckland Emergency Management. As at 10:19AM Thursday 23 February TAS entered Pre-Activation for all other regions impacted by Cyclone Gabrielle. Some hotels are saying they no longer wish to provide TAS support, which is increasing the workload for the TAS team.
- An all-of-MPI Response has been established, with Regional Coordination Centres established in Hawkes Bay, Gisborne, and Northland, and being established in Auckland. MPI continue to provide animal welfare emergency management and primary sector/rural community support to communities impacted by Cyclone Gabrielle. MPI are monitoring the calving forecast for the autumn and continue collection of information from across networks for primary sector impacts and needs, and for wider rural communities. Access has improved in Hawke's Bay, but aerial inspections has shown damage to single-access routes to a number of farms is extensive. MPI and Federated Farmers have restarted a national Feed Coordination Service to help recovering farmers. The service helps match people with grazing or supplementary feed for sale to those who need it. There is growing concern regarding bees, with an estimated 2,000 hives lost.
- As at 9:00AM Thursday 23 February NZDF has over 800 personnel, two aircraft, three helicopters and two naval vessels involved in response activities. NZDF are available to support local contractors in the building of Bailey bridges as required.
- The HMNZS Canterbury is now an accommodation facility in Napier for surge staff supporting the CDEM response to alleviate pressure on local emergency accommodation options.



RECOVERY

- The National Recovery Manager chaired the first of a series of meetings with the Group Managers and Group Recovery Managers from affected areas to discuss their current or planned recovery activities, future recovery arrangements, and transition planning. The National Recovery Manager indicated the shape of transition will be a strategic national decision.

- The NRCG continues to meet Tuesdays and Fridays with groups across Government that will be involved in the National Recovery.
- Many of the affected groups have begun drafting transition reports and have indicated when they intend to either transition or return to BAU activities. A staggered national recovery model appears likely. The National Recovery Manager indicates the shape of transition will be a strategic national decision.
- NEMA Recovery is actively monitoring progress of solid waste removal and disposal through the Regional Waste Response group organised by MfE. This will be a significant issue through the recovery phase.

KEY REGIONAL UPDATES



NORTHLAND

Activation Status	Deactivating at 4:00PM Friday 24 February
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- The main impacts from this event will be taken up during Recovery under District Council's Recovery Plans, as well as four Recovery Programme Groups: Lifelines, Welfare, Rural Recovery, and Marae Preparedness

AFFECTED COMMUNITIES

- In the Far North District 10 CLC's are still open and are providing support to the wider community.
- Marae continue to support affected people from South of Hokianga to Kaitaia.
- There is believed to be two remaining cut off communities as of 22 February, needs are being met in conjunction with Iwi.
- Northland Regional Council have arranged for a Starlink phone for Purua School, who are currently without communications.
- Iwi representatives have switched to recovery phase Working in the Northern Kaipara area carrying out welfare checks and assisting people impacted and are working in the Northern Kaipara area carrying out welfare checks and assisting people impacted
- Building assessments as of 6:30PM 23 February: 26 red, 27 yellow, and 15 white placards.
- Concern is growing regarding psychological impacts. A Welfare Regional Outreach Programme will be coordinated in support of those in need.
- There is a Welfare Recovery Transition Strategy in development.

CRITICAL INFRASTRUCTURE

- Healthcare facilities in the region remain stable, with Whangarei Hospital at 92% occupancy as at Tuesday 21 February. Although, admissions are projected to increase, and discharges are expected to decrease.
- The region continues to experience power outages and road closures. Restoration is progressing well with power over 99% restored as at 2:00PM Friday 24 February, leaving 543 customers yet to be restored. Outage numbers are likely to increase again as issues with low voltage lines are

often discovered after high voltage lines are reconnected. Red Cross has procured 30 generators which will arrive in Kaikohe on Monday. Far North District Council (FNDC) has identified cut off communities for distribution

- Four cell phone sites are down as of 24 February. This is now within BAU levels so reporting will on numbers will cease.
- All State highways are now open, excluding SH1 which remains closed at the Brynderwyns and at Mangamuka Gorge, with detour routes available. Waka Kotahi estimate that it may take up to four weeks before full access can be restored, although access to emergency vehicles and light traffic may be available before then.

AUCKLAND

Activation Status	CDEM Group ECC activated.
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- AEM Planning is compiling a four-day action Plan to cover the period Friday 24 – Monday 27 February. Managed re-entry of evacuated residents, and delivery of rapid relief, particularly in West Coast communities is being prioritised.
- An extraordinary committee meeting is being held today (23 February) to appoint the interim recovery manager and deputy recovery manager.
- Response Teams will be departing today (23 February) and tomorrow (24 February), and NZDF departing tomorrow.

AFFECTED COMMUNITIES

- Cut off communities include 3,380 households. Solid cordons in the Karekare, Muriwai and Piha areas are being re-instated/maintained for the weekend and possibly extended into the coming week. Possible cordon for Te Henga/Bethells is being explored.
- Karakare is now completely isolated due to land instability, the only evacuation method is helicopter (which can be impacted by adverse weather).
- In the Rodney District (Muriwai North) there is a large amount of deep-seated reactivated landslides mainly damaging infrastructure, agricultural and horticultural land. Slips are presenting access issues for emergency and response agencies. Eleven welfare support staff were airlifted into Karekare to conduct welfare assessments to create a plan around ongoing needs and support. Staff received some verbal abuse by local homeowners.
- As at 11:00AM Friday 23 February there are 4 CDCs/ shelters open, which accommodated 43 people overnight. This will decrease to 1 tonight (Friday 24 February).
- Building assessments as of 6:30PM Thursday 23 February: 576 red placards, 2,228 yellow placards and 4,112 white placards (for both January and February weather events). However, assessments on the January flood related homes have stopped with this being redirected to the Insurance Council NZ.
- The Temporary Accommodation Service (TAS), which is active, reports 300 registered households, of which 210 have been actively managed as at 5PM Monday 20 February. A total of 118 have been placed in TAS supply, and future need of 21. TAS have reached capacity for accommodation in Auckland. Work continues to identify additional supply for the short, medium and long term. They have also received information stating Pacific Community members in South Auckland do not have the ability to register with TAS.
- Kāianga Ora have 569 properties damaged by flooding as of Tuesday 21 February. Of those damaged, 194 permanent rehousing offers have been made and 17 have started new tenancies.



Kāianga Ora are exploring supply options, and have 23 portacabins that will arrive over the coming weeks from Christchurch.

- There is significant concern for the psychosocial needs of all cut off areas. Trauma specialists (supplied by Auckland Transport) have been, and continue to be, out in the west coast beach communities. There is a huge need for psychosocial support in these areas. Work is underway with other agencies that may be able to assist with phyco-social support.
- Red Cross, Auckland Emergency Management and Response staff will continue to provide ongoing practical and psychosocial support for ten isolated communities, including Piha and Muriwai. Planning is underway to deploy support into South Head and Karekare.

CRITICAL INFRASTRUCTURE

- As at 2:00PM Thursday 23 February Geotechnical engineers note numerous active and undercut landslides on Karekare Road and Lone Kauri Road which need further assessment. The recommendation has been made to keep roads closed until further geotechnical assessment is undertaken.
- As at 2PM Friday 24 February 490 of Vector customers remain without power. This figure now includes Piha, Karekare, Muriwai, and Bethells. 99.9% of the region is now connected to power.
- As at 2:00PM Thursday 23 February there are 39 local road closures in place. These closures are expected to last the next few days. There are also 4 lane closures.
- Eight cell sites are down across the three networks primarily due to power restrictions.
- Water supply across all sites has been restored except Muriwai and households in North Piha. Water providers are aware of the additional pressure this creates in these communities and is working to resolve these faults as soon as possible
- Auckland Council Healthy Waters is assisting with the emptying of private septic systems in Piha. This has become an issue due to ongoing power disruption and silting caused by floods and landslips.

WAIKATO

Activation Status

CDEM Group ECC activated. Thames Coromandel EOC activated. Waikato District EOC activated in Coordination mode – reporting by exception

AFFECTED COMMUNITIES

- Displaced people are being accommodated in emergency accommodation (motels). There are currently 7 households (13 people) in emergency accommodation. More evacuations are possible due to unstable land in the region. They are following up with welfare checks on residents of 2 properties that were red placard-ed and may require emergency accommodation.
- Building assessments as of 6:30PM 23 February: 16 red, 39 yellow, 54 white placards. Total number of placard-ed properties is under reconciliation.
- As at Friday 24 February, one school remains closed, and is affected by the continued closure of some connection roads. The school is providing distance learning to their students. Two early learning services are closed.

CRITICAL INFRASTRUCTURE

- The main power connections have been restored leaving individual connections to be restored. 8 consumers remain without mains power as of 3PM 23 February – many of these are on generators.
- As at 3PM Monday 20 February, three State highways and 16 local roads are closed, including:

- SH 25A between Kopu and Hikauī, which will likely remain closed for 12 months; and
- SH 23 to Raglan, which is estimated to take up to 3 weeks to restore public access.
- SH25 has now been deemed suitable for truck and trailer units between Thames to Waihi.

HAWKE'S BAY

Activation Status

CDEM Group ECC activated, Wairoa District Council EOC, Hastings District Council EOC, Napier City Council EOC, and Central Hawkes Bay District Council EOC are activated.

- Hawke's Bay Controller priorities are the cut off communities and their needs, connecting with mana whenua and tangata whenua, and standing up environmental and public health.
- Currently working under Action Plan 9a, operational period 5AM 22 February – 11:00PM 23 February.
- Esk Valley has seen some reaction from rainfall over night. Debris build up has occurred which may be preventing flows in some rivers. Northern Hawke's Bay had higher rainfall intensities than expected overnight raising river levels which raises concerns on expected rainfall tonight. Southern Hawke's Bay rivers remain low and have not reacted yet.
- An Emergency Mobile Alert (EMA) was issued at 1:40PM ordering an immediate evacuation of Esk Valley ahead of forecast heavy rain. This was to ensure evacuations could occur during daylight hours. The EMA has been issued until 6AM 25 February.

AFFECTED COMMUNITIES

- All of Government agencies, in partnership with iwi and councils, are developing accommodation plans for Hawkes Bay region.
- An additional 145 police staff and the Eagle helicopter remain the Eastern District. As of 9AM 24 February, a further 50 staff have been deployed into Hawkes Bay for community reassurance.
- There are 5 CDC's open in Hawkes Bay, with 121 staying overnight on 23 February. There are 8 community led centres open in the region, with 389 people staying overnight on 23 February.
- Building assessment as of 6:30PM 23 February: 83 red, 968 yellow, and 364 white placards.
- There is a long-term temporary accommodation need anticipated for the thousands of displaced people in Hawkes Bay and Tairāwhiti. All RSE workers are accounted for, and all RSE workers are now in approved accommodation with about 177 in evacuation centres.
- There are 80 Māori wardens on the ground, who reached 13 marae on Wednesday 22 February. Urupa assessments are currently underway, there are four with known substantial land movement which is affecting remains.
- NZ Police Iwi Liaison Officers (ILOs) visited various rural Marae and rural schools. Reassurance conversations took place with kaumatua and kuia. Common themes included being of high spirits and persons observed behaving suspiciously. Marae and whanau were advised of preventive information, and to record registrations and other details for NZ Police to follow up on or act on.
- Police Liaison Officer (PLO) visits to Pasifika Evacuation/ Welfare Centres in Flaxmere and Hastings with enabled police reassurance messaging. The PLO was able to converse in te reo (language). PLO visits enabled a greater understanding of Pasifika communities and RSE workers who have been impacted by Cyclone Gabrielle.

- Further support is being provided to cut off communities through teams of health workers providing clinical care and delivering medical supplies.
- In Hastings / Napier, there is still significant damage to stop banks, with planning underway for the rapid rebuild of seven sites. The combination of information from rainfall monitoring, river flow or height monitoring and modelling, provide enough of a picture to give confidence of ability to be able to provide warning of a developing situation.
- The focus in Wairoa has shifted from rescue and life safety issues to infrastructure and connectivity, critical lifelines such as drinking water, and sewage and clean up.
- A number of support teams are in Hawke's Bay providing animal welfare assistance. A temporary animal shelter has been set up at the Hawke's Bay Racecourse.
- There are 46 (of 173) schools and 72(-6) (of 291) Early Learning Services closed across Hawkes Bay and Tairāwhiti as of Friday 24 February.
- Flood warning system is back up and running however some site-specific information may be less exact than pre-cyclone due to damage to equipment. Bunding has been completed around all breach sites to support forecasted rain. The only site where this was not possible was Dartmoor due to extensive woody debris.
- A list of vulnerable Kāinga Ora customers is being collated to help focus welfare visits for Wairoa.
- The Red Cross Disaster Welfare Support Volunteers (DWST) are doing needs assessments with CDEM and undertaking outreach to people in Bay View who cannot be contacted by telephone. Members of the NZRC IT & Telecommunication Emergency Response Unit have been deployed into the Hawkes Bay to support telecommunications for their teams. They have delivered repeaters and radios into communities, including Bayview.
- Temporary shelter has been set up in Hawkes Bay for people evacuating with animals, including large animals like horses and sheep. The community impacted has been advised on disposal of dead livestock, they can bury with normal conditions. There are currently 46 animals being held in the temporary shelter

CRITICAL INFRASTRUCTURE

- Hawke's Bay Hospital remains at red. This is mainly due to not being able to discharge patients who cannot self-care at home. They are looking to get paramedics on welfare flights to have medical care delivered in the community rather than people coming into the hospitals.
- Wairoa hospital as at full occupancy with a busy Emergency Department.
- Wairoa is seeking health advice regarding dust. People with potentially compromised private water bores are advised to use public chlorine-free taps.
- Te Whatu Ora is utilising its health networks to contact 6,000 known vulnerable people in the Hawke's Bay.
- There is an increase in presentation of gastro and some increase in RSV, however there are no identified outbreaks.
- Te Whatu Ora has reported an increase in clean up accidents occurring, as well an increase in skin infections.
- As of 10AM Thursday 23 February there are 4177 homes without power in Hawke's Bay.
- In Wairoa, there are 17 properties without power.
- Three cell phone sites are down as of 24 February. This is now within BAU levels so reporting will on numbers will cease. There continue to be fibre repairs to fully restore broadband.

- Rural communities continue to be a top priority with efforts being made to gain access to the remaining communities who have not been reached. Contact has now been made with all cut off communities. In the Hastings District 10 communities remain accessible by air supply, specialist vehicle or 4x4 vehicle only.
- Current roading status:
 - **SH35 from Wairoa to Lake Waikaremoana:** estimated 4 weeks to restore public access.
 - **SH2 Wairoa to Napier (Eskdale):** this section requires significant repairs including Bailey Bridge installation and significant works at Devil's Elbow. These have not yet been physically assessed, only from the air. Significant works will be required. Likely to be several months before opening to traffic. The section to the north of Putorino community may open earlier.
 - **SH5 Napier to Te Pohue:** bridge damaged between Eskdale Valley and Glengarry and significant silt to clear from the highway. We are working with council to restore access via Glengarry Road. Waka Kotahi estimates 4 weeks to restore public access however until clearance of silt is complete this remains uncertain.
 - **SH5 Te Pohue to Taupo:** controlled access in place for residents and supplies.
 - **SH2 Pakowai to SH2 Takapau junction:** estimated 1 week to restore public access.
 - **SH 51 (Clive Bridge):** is closed for repairs 25 - 28 February.
 - **SH50 Takapua to Hastings:** remains closed – repairs are expected to be completed on Wednesday 22 February and the road may be able to be re-opened.
 - **SH2 north of Napier:** pumps are working to clear water at Whirinaki.
- Forecasted rain could exacerbate slips, driving conditions, weakened infrastructure, stop bank repairs, bridge repairs etc.
- At 10:00AM Thursday 23 February there are 85 roads closed and continues to be no road access to Hawke's Bay from the north.
- As of Monday 20 February, 79 out of 179 bridges in Wairoa have had ground-based inspections. 3+ bridges have significant damage, 4+ have collapsed substructure and/or spans.
- An emerging risk is the deteriorating road conditions to the port, with anticipation of continued deterioration. This is single road, though a workaround is being worked through.
- Stop bank repairs at Awatoto has been identified as urgent given the forecast rain over the weekend. There is gear onsite to repair stop bank damage into bridge abutment opposite the Eastern Institute of Technology, Taradale. Waipawa town stop banks have been repaired. There has been an emergency repair to the Waipawa-Papanui breakout, a more permanent repair is to follow.
- Hawke's Bay airport (in Napier) and Air Traffic Control has been reconnected to the grid with power restored.
- Rail lines in and out of Hawke's Bay are closed due to significant damage. KiwiRail is aiming to open the line between Woodville and Hastings in the next 3-4 weeks. The line between Hastings and Napier is expected to take months to reopen. Lines between Napier and Wairoa is expected to be closed for some time.
- WorkSafe have safety concerns regarding hazardous substances within the Hawke's Bay area, where some hazardous chemicals have been submerged. WorkSafe are working to obtain the Safety Data Sheets from storage facilities to understand the risk that this poses.
- Three pump stations between Napier and Hastings remain non-operational – Pakowhai, Brookfield, and Mission. Two pumps are being mobilised to Pakowhai. There are boil water notices

in place for Esk Ridge sub-division, and Central Hawkes Bay. The boil water notice for Wairoa has been lifted. The Water Treatment Plant in Waipawa requires major rebuild, considering relocation of plant. Waipukurau has boil water notice and water restrictions in place with restoration of drinking water supply expected next week. [A 10,000L water tanker has been ordered for Puketapu.](#)

- The wastewater treatment plant in Napier remains offline. It is flooded with no 4WD access. Portalooos have been placed in Otane and Waipukurau. There is raw sewage leakage in Maraenui, Napier. Wastewater management plans are being established in Wairoa.
- HMNZS Canterbury offloaded all cargo (including five Bailey Bridges, six utility vehicles, 20 generators, 50 gas bottles, and 120 emergency packs) Wednesday 22 February. It has now in the Port of Napier in preparation to accommodate emergency response staff.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- [Evacuations in Tokomaru Bay were undertaken in relation to the Mangahauini River debris dam. A community hui was held at 6PM on Thursday 23 February evening. 63 households were evacuated, residents are staying with whanau and at a Marae.](#)
- Iwi Liaison Officers (ILOs) in Hawkes Bay visited various rural Marae and rural schools, some with high Maori population. Reassurance conversations being had with kaumatua and kuia. Marae and whanau being advised of preventive information, as well as taking registrations and as many details as possible for police to follow up on or act on.
- A NZ Police Iwi Liaison Officers (ILO) team deployed to Wairoa alongside Tairāwhiti leadership and a reassurance team. These assisted with a clean-up of a local gym and two houses affected by flooding.
- Key focus is the ongoing resupply of cut off communities and the transition to recovery. A transition report is being compiled.
- Urban areas have reverted back to business-as-usual food distribution. The challenge of ongoing food supply and the creation of dependency issues are being addressed.
- There is a shift from CDCs to emergency accommodation. A few Community Hubs have been set up, which will have social agencies and occasionally insurance companies on site to assist those who have been impacted. [Council staff report increased stress in the community with staff managing emotional and frustrated residents.](#)
- Building assessments as of 22 February: 12 red, 165 yellow. The Council advise that requests for assessments are decreasing.
- The CDEM Group are working to make contact with all cut off communities and are determining need and access. The Welfare Coordination Group is working with to ensuring that the needs of all cut off communities are assessed.
- [A list of vulnerable Kāinga Ora customers is being collated to help focus welfare visits for Tairāwhiti.](#)

CRITICAL INFRASTRUCTURE

- Te Puia Springs Hospital continues to power its water pump through an independent generator.
- As at 2:00PM Friday 24 February there remains approximately 92 consumers without access to power. Restoration of power to cut off communities is being worked on and generators are being supplied where possible.
- Telecommunications is steadily improving with Chorus making a temporary fix to the fibre north of Gisborne enabling full services, calls, texting and data on mobile to be available to 80% of Wairoa and central Gisborne. Ten Starlink units have been deployed to the region, sourced from Buller District Council and 9(2)(a)
- There is an active slip between Matawai and Te Karaka that is being monitored. Roothing around the rest of the region remains significantly damaged, with limited or no access along the coast.
- There are multiple issues arising along SH 35:
 - Between Te Puia Springs and Tokomaru Bay the road has been completely severed, which will likely be several months before opening to traffic; and
 - Between Tokomaru Bay and Tologa Bay, the Hikuwai bridge has been completely severed. It is estimated to take 3 months to erect a Bailey Bridge to restore access.
- A Royal New Zealand Navy dive team has successfully cleared silt and debris from the water intake and surrounding area of the main water treatment plant in Gisborne. This has doubled the capacity of water intake to the treatment plant, thereby releasing the two portable water pumps for other tasks as required.

TARARUA

Activation Status

TDC EOC is activated.

AFFECTED COMMUNITIES

- Building assessments as of 3:00PM 24 February: 3 red, 15 yellow, and 11 white placards.
- Initial aerial reconnaissance indicates that the damage in the Tararua area to roading and lifelines utilities is significant, and some rural communities are cut off.
- There are challenges contacting all households due to rural hilly locations, there are 56 households to contact. Attempts are being made to contact these households.
- Airdrops continue to provide welfare and make contact with residents who have been cut off.
- Accommodation shortages are emerging in affected areas, which may make it harder to get assessors into impacted regions or find willing volunteers without confirmed accommodation
- Emerging issues are being associated with silt and waste management across affected regions. MBIE is currently drafting a Safety Awareness Notice - Working in Contaminated Areas, which will be distributed once ready for publication.
- Rural support is being given to farmers in Tararua by the Rural Support Trust, and Federated Farmers. There are reports of stock loss, flooded farmland and access issues for milk collection.

CRITICAL INFRASTRUCTURE

- As at 6:00PM Wednesday 22 February all communication networks are operational.

- Local fuel outlets have been contacted directly to gauge availability. All sites have sufficient fuel supplies at this stage.
- 27 roads remain closed across the region.
- Contractors and structural engineers are carrying out assessments on bridges within the Pohangina Valley. Application to Waka Kotahi for expedited funding to replace Churchill Road bridge is being prepared. Estimated three months before the Konewa Bridge is replaced with a temporary crossing.
- Dannevirke Wastewater Treatment Plant is now becoming overloaded. Communications have been pushed out to the Dannevirke Community to start conserving water to minimise the amount of water that needs to be processed by the Dannevirke Wastewater Treatment Plant. Boil water notices are in place for Pongaroa and Ākito.
- A Recovery Action Plan is under development, and is the key deliverable within the next week, acknowledging that TDC are still in response. Process is expected to be complete this week dependent on incoming weather.

WAIRARAPA

Activation Status	EOC deactivated Monday 20 February.
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- Response in this district is now moving into recovery mode.

AFFECTED COMMUNITIES

- Building assessments as of Tuesday 21 February: 20-30 buildings in Tinui and Castlepoint will need to be assessed (on 14 properties).

CRITICAL INFRASTRUCTURE

- In South Wairarapa Whiterock Road is open to 4x4 vehicles and residents only. Six local road remain closed.
- Masterton Castlepoint Rd - Blairlogie to Tinui – this road will be closed for short durations with only essential workers and emergency services let through.



PUBLIC INFORMATION

Public information is being led by local Emergency Management. You can access the latest messaging here:

Northland: <https://www.facebook.com/civildefencenorthland/>

Auckland:

- <https://www.aucklandemergencymanagement.org.nz/major-incident/flooding-2023>
- <https://www.facebook.com/aklcdem>

Coromandel: <https://www.facebook.com/ThamesCoromandelDistrictCouncil/>

Waikato: <https://www.waikatoregioncdemg.govt.nz/>

Bay of Plenty: <https://www.bopcivildefence.govt.nz/>

Tairāwhiti: <https://www.gdc.govt.nz/services/civil-defence>

Hawke's Bay: <https://www.hbemergency.govt.nz/>

Manawatū-Whanganui: <https://www.facebook.com/civildefencemanawatuwhanganui/>

Talking points

Incoming severe weather messages

- More severe weather is affecting the North Island, and Orange Heavy Rain Warnings are in place for Hawke's Bay, Tairāwhiti and the Coromandel Peninsula until the morning of Saturday 25 February. Heavy rain could cause further significant impacts in areas already impacted by Cyclone Gabrielle, including further flooding, landslides, and damage to roads.
- An evacuation order has been issued for the Esk Valley in Hawke's Bay. People in other areas should self-evacuate if they feel unsafe. Check MetService for warnings advice, and follow your local Civil Defence Emergency Management group on their social channels.
- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- Floods and flash floods can happen quickly. If you see rising water, do not wait for official warnings. Head for higher ground and stay away from floodwater.
- This latest severe weather is another blow for communities already struggling after Cyclone Gabrielle. Our thoughts are with you. The Government will continue to support you.

Cyclone Gabrielle messages

- Monetary donations are the single most helpful thing kiwis can do right now. These money donations enable support organisations to provide exactly what is needed to those most affected.
- The donation of physical goods, whilst extremely generous and well intentioned is not the most effective way to help right at this minute.
- Often these donations don't match exactly what communities need, resulting in an oversupply and lack of capacity to manage this. This is the feedback we are getting overwhelmingly from those on the ground.
- Instead, we're encouraging donations to relief funds, of which there are many. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- While the worst of the weather has passed the devastation left in the wake of Cyclone Gabrielle has been extensive. A State of National Emergency was declared on 14 February, covering Auckland, Northland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua District. This is only the third time in New Zealand's history that this has been done.
- On Monday the government announced an extension to the state of national emergency. This extension continues the state of national emergency until 28 February, unless terminated before then or extended again.
- A National declaration is a partnership between central government and local authorities. It allows the Government, through NEMA, to support the affected regions.

- The National declaration only applies to the parts of New Zealand that have been severely affected by Cyclone Gabrielle.

Public safety messages

- Floodwaters may be full of sewage, chemicals and other hazardous materials and should be avoided as much as possible.
- Floodwater can carry bacteria that can contaminate food.
- Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Throw away all food and drinking water that has come in contact with floodwater.
- Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities.
- Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high.
- In power outages use torches instead of candles, and only use camp cookers and BBQs outdoors.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Chorus Before you dig website and beforeudig.co.nz for all utilities.
- An all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.
<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

? ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1615 hours on 25 February 2023

Please send Agency updates and products to 9(2)(a) and 9(2)(a) for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 030

ISSUED AT 16:15 HOURS ON 25 FEBRUARY 2023

Event name:		Declaration status:															
North Island Severe Weather Event January 2023		State of National Emergency covering Northland Auckland Waikato Bay of Plenty Tairāwhiti Hawke's Bay Tararua District															
Activation status:		Time declared:															
Mode 4 Lead/Direct		State of National Emergency 8:43AM 14 February 2023 – 8:43AM 28 February 2023 (Northland, Auckland, Waikato, Bay of Plenty, Tairāwhiti and Hawke's Bay) 1.17PM 14 February 2023 – 1:17PM 28 February 2023 (Tararua District)															
Contact:		NEMA NCC Incident Classification:															
Email: 9(2)(a) Phone: 9(2)(a)		Note: This is NEMA's incident classification. <table border="1" style="margin-top: 10px;"> <tr> <td style="width: 50px;"></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">(S)</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1" style="margin-top: 10px;"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>			↑	N 4	(S)		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N2	A moderate national level response																
N3	A major national level response																
N4	A severe national level response																

Updated information is in blue text (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua. The State of National Emergency declared on 14 February 2023 was extended on Monday 20 February for another seven days.
- As at 6:30AM Friday 24 February, 11 fatalities have been confirmed as a result of Cyclone Gabrielle.
- The number of uncontactable people in the Gisborne and Hawkes Bay regions was down to 13 as at 3:45pm Friday 24 February.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and cut off communities. Food supplies are now being received in these cut off communities.
- Further heavy rain overnight in Northland and Auckland on Friday 24 February caused additional impacts, including the closure of SH1 between Northland and Auckland and the displacement of people to welfare shelters. Most people were able to return to their homes or have been accommodated in temporary accommodation.
- As at 24 February \$47.842 million of Ministry of Social Development Civil Defence Grants have been paid to 89,826 people. On Friday 24 February alone \$3.766 million was paid to 7,296 people. Food continues to be the highest need for the payment.

Weather

- Currently there are orange heavy rain warning in place for Hawke's Bay through until 5:00PM today (25 February) with another 60-100mm of rain expected. There is also a severe thunderstorm watch in place for Hawke's Bay and Tararua until 8:00PM tonight (25 February). A heavy rain watch is also in place for Wairarapa (including the Tararua district) until 10:00PM tonight (25 February).
- The severe weather outlook indicates on Monday (27 February) a low to the northeast of the North Island is expected to direct a moist easterly flow onto the island bringing rain to exposed areas. The areas likely to get the heaviest rain are Gisborne and the Coromandel Peninsula and there is a moderate confidence level that rainfall accumulations will reach warning amounts there. There is a low confidence in warning amounts of rain for Hawke's Bay, Bay of Plenty and Auckland.

Key Risks and Issues

- Accommodation shortages are emerging in affected areas and a long-term temporary accommodation need is anticipated for the thousands of displaced people in Hawke's Bay and Tairāwhiti in particular. MBIE Temporary Accommodation Service (TAS) has been activated in Auckland since 8 February and is preparing to activate in the other impacted regions. With many displaced people staying with friends and whanau (rather than in CDCs), in some areas there is a lack of information regarding those that may need emergency and subsequent temporary accommodation. This will create challenges for TAS in identifying supply solutions. TAS is considering all supply options going forward as there is likely to be a shortage of commercial accommodation due to the magnitude of damage caused by the cyclone, especially in areas like Hawke's Bay. Events in Auckland such as the FIFA Women's World Cup are also causing accommodation supply constraints. Longer term options such as portacabins and camper

vans/motor homes are being considered. However, due to the infrastructure damage, deployment and mobilisation of these options needs to be carefully considered. Staff supporting the response travelling in from outside the affected regions are being accommodated separately in order to not impact on the supply of accommodation to displaced people.

- Tropical low 08F, north of Fiji, is considered to have a moderate chance of developing into a tropical cyclone from Sunday (26 February) onwards. It is expected to move west towards Vanuatu on Monday and Tuesday, then move south and move across or very close to Vanuatu around the middle of next week. Another weak tropical low was identified over the Coral Sea. The chance of this developing into a tropical cyclone by Tuesday or Wednesday is low. If 08F develops into a Tropical Cyclone and changes track and moves towards New Zealand, it could potentially bring heavy rain, strong winds, and coastal flooding, disrupting normal activities and causing damage to the areas affected by Tropical Cyclone Gabrielle, with a further possibility of disruptions to transportation, communication, and power. NCC Intelligence and MetService are monitoring the developing situation.
- Silt and waste removal and clean-up will continue to become a significant issue once building assessments are complete. This could put significant strain on waste removal contractors and waste storage facilities. The NCC Planning function is continuing to work with the Ministry for the Environment and impacted Councils to develop a clean-up plan for silt and flood inundated properties.
- Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation. A comprehensive health and public health risk assessment process to inform response and recovery is being developed and coordinated through the National Health Coordination Centre (NHCC).
- Key State Highway routes remain closed to the public; these are SH1 at Brynderwyn (Northland), SH16 Kaukapakapa to Wellsford (Northland), SH25A Kopu to Hikuai in Coromandel (Waikato), SH25 Coromandel to Whitianga (Waikato), SH2 Ōpōtiki to Ormond (Tairāwhiti), SH2 Napier to Wairoa (Hawke's Bay), SH5 Napier to Taupo (Hawke's Bay), SH35 Tolaga Bay to Te Puia Springs (Tairāwhiti), SH35 Waipiro Bay south of Ruatoria (Tairāwhiti), SH38 Lake Waikaremoana to Wairoa (Hawke's Bay), and the Taihape to Napier Road (Hawke's Bay). In addition, there are a number of damaged local roads and bridges across impacted regions. Civil works and temporary Bailey bridges are being prioritised however some bridge installation could take four to six weeks. Until repairs are conducted, communities will remain cut off and will rely on resupply via air. Some areas can be reached by specialist high clearance vehicles.
- Some communities within Hawke's Bay and Tairāwhiti are cut off by electricity and communications damage. Most areas should have cell service as many of the previously impacted cell towers have been repaired. Communications such as broadband internet, are still being affected by power outages. Service providers are working to restore services as electricity networks are repaired. At 9:00AM today (Saturday 25 February), there were 3,723 customers without power nationally (this does not include localised outages as a result of the severe weather overnight 24-25 February).
- COVID-19 infections in impacted communities and response staff are increasing. There is an ongoing risk that COVID-19 could continue to spread through impacted communities. There is also a risk of spread among response staff which could impact on the response. There is a risk of spread to other regions as surge response staff move into and out of the impacted regions. The Ministry of Health continues to provide information to the community about minimising the spread of COVID-19. CDEM Groups and other response agencies are using infection prevention and control (IPC) measures, including mask wearing and surveillance screening are in place to help maintain operational continuity in a response setting



NCC ACTIONS

Actions carried out

- The NCC roster is being extended to Sunday 5 March, operating on a 24-hour roster as the event demands.
- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions.
- New Zealand Response Teams (NZRTs) have been mobilised and have deployed to provide support to Councils and FENZ for assessment, welfare, evacuation and cordon taskings.
- The NCC PIM team has been sharing messages about the current weather warnings and watches across NEMA's channels and providing these to media and other agencies. The team is pulling together key support avenues for a 'single source of truth' page on NEMA's website. This will be complimented with some Iwi/Māori content and include a downloadable and printable version to be handed out for those with limited internet access.
- The NEMA NCC National Action Plan 002 (State of National Emergency) was issued at 4:15PM on 23 February 2023. This covers the period 10:00PM 23 February to 11:00AM 28 February 2023.
- NCC Planning is developing Action Plan 003. NCC Planning is continuing to work with the Ministry for the Environment and impacted Councils to develop a clean-up plan for silt and flood inundated properties. The function is also supporting the consideration of international offers of assistance and bridge prioritisation.
- NCC Welfare priorities are building situational awareness and obtaining a clearer on-the-ground picture, particularly of cut off communities who are being contacted by defence or Iwi organisations. Reports are that communities are expressing that they have not received CDEM support that they require therefore work must be done to ensure communities understand what support is available and who is providing it.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey bridges restoration prioritisation plan with Planning, Waka Kotahi and Operations, addressing urgent critical resource/support needs (welfare food needs, generator and telecommunications). There is ongoing work on identifying longer term lifeline utilities disruption and impacts view across all sectors.
- NCC Kaitohutohu has received offers of support and resources from Iwi/Māori, to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu has attended meetings with agencies to enable support to for marae, Iwi and rural support trusts. NCC Kaitohutohu is starting to hear from some Māori entities about recovery needs. The Minister for Emergency Management has requested activation of the Ministerial Advisory Committee. NCC Kaitohutohu is linking policy function with TPK to ensure alignment around funding options for Iwi and marae.



MULTI-AGENCY ACTIONS AND RESOURCES

- To date, 30 offers of international assistance have been received and are being worked through. Two Royal Australian Air Force and other Australian specialists have been working on the ground with FENZ and NZDF. Yesterday (24 February) 33 staff from Fiji arrived:

- 25 Republic of Fiji Military Forces (RFMF) personal working with NZDF and forward deployed in Hawke's Bay for 28 days
- 3 Fiji Country Fire Authority (CFA) firefighters working with FENZ forward deployed to Hawke's Bay for 2 weeks
- 5 Fiji National Disaster Management Office (NDMO) staff based in the NCC for 2 weeks
- Te Matapihi (Māori housing providers) are convening to ascertain the specific needs of Māori communities in areas impacted by Cyclone Gabrielle. Working closely with Welfare, MBIE (TAS) to gather info on Māori families that need immediate housing or accommodation especially whānau currently staying at CDCs.
- The National Health Coordination Centre (NHCC) is working alongside Regional and District Emergency Management teams, as well as the National Crisis Management Centre (NCCMC) to support the health response to this event. Hawke's Bay hospitals are operating, with outpatients and elective surgeries being deferred. The focus is on acute care. Medical supplies continue to be airlifted where needed.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. The line received 5,809 calls yesterday (24 February) and has an average wait time of just under 6 minutes. The line will be operating over the weekend between 8am – 5pm Saturday, and 8am – 1pm Sunday. MSD has begun generating regional specific pamphlets to allow people to understand what support they have access to.
- The MBIE Temporary Accommodation Service (TAS) activated on 8 February for the Auckland region and are working closely with Auckland Emergency Management. As at 10:19AM Thursday 23 February TAS entered Pre-Activation for all other regions impacted by Cyclone Gabrielle.
- An all-of-MPI Response has been established, with Regional Coordination Centres established in Hawkes Bay, Gisborne, and Northland, and being established in Auckland. MPI continue to provide animal welfare emergency management and primary sector/rural community support to communities impacted by Cyclone Gabrielle. MPI is monitoring the calving forecast for the autumn and continue collection of information from across networks for primary sector impacts and needs, and for wider rural communities. MPI and Federated Farmers have restarted a national Feed Coordination Service to help recovering farmers. The service helps match people with grazing or supplementary feed for sale to those who need it.
- As at 9:00AM Thursday 23 February NZDF has over 800 personnel, two aircraft, three helicopters and two naval vessels involved in response activities. NZDF are available to support local contractors in the building of Bailey bridges as required.
- Fire and Emergency NZ has stood up the Scientific and Technical Advisory Committee (STAC) for hazardous substances and chemical or biological emergencies. The committee met on Friday 24 February and will support the response with scientific advice.

RECOVERY

- The National Recovery Manager and National Controller continue to meet with the CDEM Group Managers and Group Recovery Managers from affected areas to discuss their current or planned recovery activities, future recovery arrangements, and transition planning. The National Recovery Manager indicated the shape of transition will be a strategic national decision.
- The National Recovery Coordination Group (NRCG) continues to meet Tuesdays and Fridays with groups across Government that will be involved in the National Recovery.
- Many of the affected groups have begun drafting transition reports and have indicated when they intend to either transition or return to BAU activities.

- NEMA Recovery is actively monitoring progress of solid waste removal and disposal through the Regional Waste Response group organised by MfE. This will be a significant issue through the recovery phase.
- Requests for support with recovery staffing are starting to come through to the NCC from CDEM Groups. Specific recovery expertise will be needed to support and staff local recovery coordination through the initial planning phases and into the longer-term management. NEMA will be seeking staff with the appropriate experience and skillsets from a variety of agencies.

KEY REGIONAL UPDATES



NORTHLAND

Activation Status	CDEM Group ECC and Kaipara EOC were activated for the thunderstorm activity last night (24 February).
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AFFECTED COMMUNITIES

- High intensity thunderstorm activity last night (24 February) caused flooding and damage to roads around Mangawhai and the surrounding area. Kaipara District Council CDEM set up two evacuation centres in Mangawhai and centres in Waipu and at Kaiwaka. Two community led centres were also set up in Mangawhai. These centres provided overnight shelter and welfare assistance. In addition, temporary overnight accommodation was arranged at two of the youth camps in in Mangawhai. Several hundred people were estimated to have made use of these facilities overnight.
- A Starlink phone is being sourced for Purua School, who are currently without communications. Thirty generators are being delivered to Kaikohe on Monday (27 February) for isolated communities that the Far North District Council had identified.
- Building assessments as of 6:30PM 24 February: 37 red, 54 yellow, and 57 white placards.
- There is a Welfare Recovery Transition Strategy in development. Also, Iwi representatives have switched to recovery phase.

CRITICAL INFRASTRUCTURE

- SH1 stills remains closed at Brynderwyn with anticipated remediation being completed by late March. Controlled access with conditions is anticipated before this. As of today (Saturday 25 February) the detour via Kaiwaka-Mangawhai Road remains closed due to severe weather. SH12 and SH14 are open as alternative routes.
- As at 9:00AM Saturday 25 February there are 472 customers without power across the Northland regions.

AUCKLAND

Activation Status	CDEM Group ECC activated.
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- AEM Planning is compiling a four-day action Plan to cover the period Friday 24 – Monday 27 February. Managed re-entry of evacuated residents, and delivery of rapid relief, particularly in West Coast communities is being prioritised.

AFFECTED COMMUNITIES

- Cut off communities include 3,380 households. Solid cordons in the Karekare, Muriwai and Piha areas are being re-instated/maintained for the weekend and possibly extended into the coming week.
- Karakare is cut off due to land instability. Fuel is being delivered by helicopter today (25 February) and photos will also be taken of any new damage along the roads into the area. A welfare drop-in is being planned for next week, including trauma counselling.
- Red Cross, Auckland Emergency Management and Response staff will continue to provide ongoing practical and psychosocial support for ten isolated communities, including Piha and Muriwai.
- In the Rodney District (Muriwai North) there is a large amount of deep-seated reactivated landsliding, mainly damaging infrastructure, agricultural and horticultural land. Slips are presenting access issues for emergency and response agencies. Eleven welfare support staff were airlifted into Karekare to conduct welfare assessments to create a plan around ongoing needs and support. Staff received some verbal abuse by local homeowners.
- As at 1:00PM Saturday 25 February there are 4 CDCs open across the Auckland region. Auckland Emergency Management is working alongside MBIE and Kāinga Ora to ensure people are moved into temporary accommodation. Approximately 90 were at the CDCs/emergency shelters last night (24 February) as a result of the high thunderstorm activity.
- Building assessments as at 6:30PM 24 February: 578 (up 2) red placards, 2,235 (up 7) yellow placards and 4,113 (up 1) white placards (for both January and February weather events).
- Approximately 1000 households in Auckland have registered with Temporary Accommodation Service (TAS), and of those TAS have connected with, approx. 600 are being housed by TAS. Supply remains very tight but was increasing yesterday.

CRITICAL INFRASTRUCTURE

- As at 2:00PM Friday 24 February 490 of Vector customers remain without power. This figure now includes Piha, Karekare, Muriwai, and Bethells.
- There are a number of local roads crossed across the region and restrictions in some places for residents and foot traffic only.
- Water infrastructure in Muriwai has been impacted by the landslides. The water treatment plant remains offline, and the water storage reservoir is now empty. A tanker is providing emergency water to customers and is located at Sand Dunz Cafe. Community water sites can also be found in Waitākere at Waitākere Hall and Piha at Piha Domain Motor Camp.

WAIKATO

Activation Status

CDEM Group ECC activated. Thames Coromandel EOC activated. Waikato District EOC activated in Coordination mode – reporting by exception

AFFECTED COMMUNITIES

- There are currently 20 people displaced or isolated in the Waikato District and 13 in the Thames Coromandel District. There are currently eight people that will require long term support from TAS in the Thames Coromandel District.
- Building assessments as of 6:30PM 24 February: 20 red, 36 yellow, 47 white placards.
- As at Friday 24 February, one school remains closed, and is affected by the continued closure of some connection roads. The school is providing distance learning to their students. Two early learning services are closed.

CRITICAL INFRASTRUCTURE

- SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel time.
- SH25 from Coromandel to Whitianga is closed due to multiple slips. Contractors will be responding to maintain access around the peninsula.

HAWKE'S BAY

Activation Status

CDEM Group ECC activated, Wairoa District Council EOC, Hastings District Council EOC, Napier City Council EOC, and Central Hawkes Bay District Council EOC are activated.

AFFECTED COMMUNITIES

- Those evacuated out of Esk Valley yesterday (24 February) were able to return home at 2:00PM today (25 February).
- Resupply of remote communities is on pause due to the weather and plans are being worked on the develop seven-day contingency plans to re-supply into remote areas including stockpiles for some areas.
- Approximately 460 people have stayed overnight in CDCs, CLCs and marae across the region.
- Building assessment as of 6:30PM 24 February: 169 red, 1,015 yellow, and 376 white placards.
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials and sanitary items, generators and fuel. Iwi continues to lead the operation, in partnership with Civil Defence Emergency Management and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land.
- NZ Police Iwi Liaison Officers (ILOs) visited various rural Marae and rural schools. Reassurance conversations took place with kaumatua and kuia. Common themes included being of high spirits

and persons observed behaving suspiciously. Marae and whanau were advised of preventive information, and to record registrations and other details for NZ Police to follow up on or act on.

- Police Liaison Officer (PLO) visits to Pasifika Evacuation/ Welfare Centres in Flaxmere and Hastings with enabled police reassurance messaging. The PLO was able to converse in the reo (language). PLO visits enabled a greater understanding of Pasifika communities and RSE workers who have been impacted by Cyclone Gabrielle.
- There are 46 (of 173) schools and 72 (of 291) Early Learning Services closed across Hawkes Bay and Tairāwhiti as of Friday 24 February.
- The Red Cross Disaster Welfare Support Volunteers (DWST) are doing needs assessments with CDEM and undertaking outreach to people in Bay View who cannot be contacted by telephone. Members of the NZRC IT & Telecommunication Emergency Response Unit have been deployed into the Hawkes Bay to support telecommunications for their teams. They have delivered repeaters and radios into communities, including Bayview.

CRITICAL INFRASTRUCTURE

- Hawke's Bay Hospital remains at red. This is mainly due to not being able to discharge patients who cannot self-care at home. They are looking to get paramedics on welfare flights to have medical care delivered in the community rather than people coming into the hospitals. The Hawke's Bay Emergency Department status is Green and private hospitals are providing some capacity and are operating at near normal levels.
- As at 9:00AM Saturday 25 February there were 2,738 customers homes without power in Hawke's Bay.
- Rural communities continue to be a top priority with efforts being made to gain access to the remaining communities who have not been reached. Contact has now been made with all cut off communities. In the Hastings District 10 communities remain accessible by air supply, specialist vehicle or 4x4 vehicle only.
- Current roading status:
 - SH35 from Wairoa to Lake Waikaremoana: estimated 4 weeks to restore public access.
 - SH2 Wairoa to Bay View (Napier): this section requires significant repairs including Bailey Bridge installation. Likely to be several months before opening to traffic. The section to the north of Putorino community may open earlier.
 - SH5 Napier to Te Pohue: bridge damaged along the road and significant silt removal required. between Eskdale Valley and Glengarry and significant silt to clear from the highway. Estimated restoration for public access in early April.
 - SH5 Te Pohue to Taupo: controlled access in place for residents and supplies.
 - SH50 Takapua to Hastings: remains closed with repairs expected to take one week.
 - A number of local roads are damaged and remain closed across the region.
- Stop bank repairs at Awatoto has been identified as urgent given the forecast rain over the weekend. There is gear onsite to repair stop bank damage into bridge abutment opposite the Eastern Institute of Technology, Taradale. Waipawa town stop banks have been repaired. There has been an emergency repair to the Waipawa-Papanui breakout, a more permanent repair is to follow.
- Rail lines in and out of Hawke's Bay are closed due to significant damage. KiwiRail is aiming to open the line between Woodville and Hastings in the next 3-4 weeks. The line between Hastings and Napier is expected to take months to reopen. Lines between Napier and Wairoa is expected to be closed for some time.
- Three pump stations between Napier and Hastings remain non-operational – Pakowhai, Brookfield, and Mission. Two pumps are being mobilised to Pakowhai. There are boil water notices

in place for Esk Ridge sub-division, and Central Hawkes Bay. The boil water notice for Wairoa has been lifted. The Water Treatment Plant in Waipawa requires major rebuild, considering relocation of plant. Waipukurau has boil water notice and water restrictions in place with restoration of drinking water supply expected next week. A 10,000L water tanker has been ordered for Puketapu.

- The wastewater treatment plant in Napier remains offline. It is flooded with no 4WD access. Portaloos have been placed in Otane and Waipukurau.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- Evacuations (on 23 February) in Tokomaru Bay were undertaken in relation to the Mangahauini River debris dam. A total of 64 households were evacuated with residents are staying with whanau and at a Marae. As at 3PM the dam was assessed to have sufficient spillover, reducing the risk of failure to an acceptable level. Residents have been allowed to return to their homes. A full assessment by GNS Science and an engineer will be conducted next week.
- A precautionary evacuation of the residents (74 people) at Te Karaka was made last night (24 February) with families moving to the area school. Four of these families require emergency accommodation and this is being assessed.
- The CDEM Group is working to make contact with all cut off communities and are determining need and access. The Welfare Coordination Group is working with to ensuring that the needs of all cut off communities are assessed. A list of vulnerable Kāinga Ora customers is being collated to help focus welfare visits for Tairāwhiti.
- All CDCs have now closed.
- Iwi Liaison Officers (ILOs) in Hawkes Bay visited various rural Marae and rural schools, some with high Maori population. Reassurance conversations being had with kaumatua and kuia. Marae and whanau being advised of preventive information, as well as taking registrations and as many details as possible for police to follow up on or act on.
- A NZ Police Iwi Liaison Officers (ILO) team deployed to Wairoa alongside Tairāwhiti leadership and a reassurance team. These assisted with a clean-up of a local gym and two houses affected by flooding.
- Building assessments as of 6:30PM 23 February: 12 red, 165 yellow. The Council advise that requests for assessments are decreasing.

CRITICAL INFRASTRUCTURE

- Te Puia Springs Hospital continues to power its water pump through an independent generator.
- As at 9:00AM Saturday 25 February there remains 92 consumers without access to power. Restoration of power to cut off communities is being worked on and generators are being supplied where possible.
- Telecommunications is steadily improving with Chorus making a temporary fix to the fibre north of Gisborne enabling full services, calls, texting and data on mobile to be available to 80% of Wairoa and central Gisborne. Ten Starlink units have been deployed to the region, sourced from Buller District Council and 9(2)(a).

- SH35 between Te Puia Springs and Tolaga Bay has sustained major damage and it likely to take several months to repair before being open to the public. This significantly limits the mobility of those communities in the area.
- A Royal New Zealand Navy dive team has successfully cleared silt and debris from the water intake and surrounding area of the main water treatment plant in Gisborne. This has doubled the capacity of water intake to the treatment plant, thereby releasing the two portable water pumps for other tasks as required.

TARARUA

Activation Status

Tararua District Council EOC deactivated at 1:00PM today (25 February).

AFFECTED COMMUNITIES

- Building assessments as of 21 February: 6 red, 9 yellow, and 9 white placards.
- Initial aerial reconnaissance indicates that the damage in the Tararua area to roading and lifelines utilities is significant, and some rural communities are cut off.
- Airdrops continue to provide welfare and make contact with residents who have been cut off.
- Accommodation shortages are emerging in affected areas, which may make it harder to get assessors into impacted regions or find willing volunteers without confirmed accommodation
- Emerging issues are being associated with silt and waste management across affected regions. MBIE is currently drafting a Safety Awareness Notice - Working in Contaminated Areas, which will be distributed once ready for publication.
- Rural support is being given to farmers in Tararua by the Rural Support Trust, and Federated Farmers. There are reports of stock loss, flooded farmland and access issues for milk collection.

CRITICAL INFRASTRUCTURE

- Local fuel outlets have been contacted directly to gauge availability. All sites have sufficient fuel supplies at this stage.
- 27 roads remain closed across the region.
- Contractors and structural engineers are carrying out assessments on bridges within the Pohangina Valley. Application to Waka Kotahi for expedited funding to replace Churchill Road bridge is being prepared. Estimated three months before the Konewa Bridge is replaced with a temporary crossing.
- Dannevirke Wastewater Treatment Plant is now becoming overloaded. Communications have been pushed out to the Dannevirke Community to start conserving water to minimise the amount of water that needs to be processed by the Dannevirke Wastewater Treatment Plant. Boil water notices are in place for Pongaroa and Ākito.



PUBLIC INFORMATION

Public information is being led by local Emergency Management. You can access the latest messaging here:

Northland: <https://www.facebook.com/civildefencenorthland/>

Auckland:

- <https://www.aucklandemergencymanagement.org.nz/major-incident/flooding-2023>
- <https://www.facebook.com/aklcdem>

Coromandel: <https://www.facebook.com/ThamesCoromandelDistrictCouncil/>

Waikato: <https://www.waikatoregioncdemg.govt.nz/>

Bay of Plenty: <https://www.bopcivildefence.govt.nz/>

Tairāwhiti: <https://www.gdc.govt.nz/services/civil-defence>

Hawke's Bay: <https://www.hbemergency.govt.nz/>

Manawatū-Whanganui: <https://www.facebook.com/civildefencemanawatuwhanganui/>

Talking points

Incoming severe weather messages

- More severe weather is affecting the North Island. An **Orange Heavy Rain Warning** is in place for **Hawke's Bay** and a **yellow heavy rain watch** is in place for the **Wairarapa**. A **severe thunderstorm watch** is in place for **Hawkes Bay** and **Tararua**. Heavy rain could cause further significant impacts in areas already impacted by Cyclone Gabrielle, including further flooding, landslides, and damage to roads.
- Check **MetService** for the latest weather warnings and watches, and follow your local **Civil Defence Emergency Management group** on their social channels for local updates.
- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- Floods and flash floods can happen quickly. If you see rising water, do not wait for official warnings. Head for higher ground and stay away from floodwater.
- This latest severe weather is another blow for communities already struggling after Cyclone Gabrielle. Our thoughts are with you. The Government will continue to support you.

Cyclone Gabrielle messages

- Monetary donations are the single most helpful thing kiwis can do right now. These money donations enable support organisations to provide exactly what is needed to those most affected.
- The donation of physical goods, whilst extremely generous and well intentioned is not the most effective way to help right at this minute.

- Often these donations don't match exactly what communities need, resulting in an oversupply and lack of capacity to manage this. This is the feedback we are getting overwhelmingly from those on the ground.
- Instead, we're encouraging donations to relief funds, of which there are many. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- While the worst of the weather has passed the devastation left in the wake of Cyclone Gabrielle has been extensive. A State of National Emergency was declared on 14 February, covering Auckland, Northland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua District. This is only the third time in New Zealand's history that this has been done.
- On Monday the government announced an extension to the state of national emergency. This extension continues the state of national emergency until 28 February, unless terminated before then or extended again.
- A National declaration is a partnership between central government and local authorities. It allows the Government, through NEMA, to support the affected regions.
- The National declaration only applies to the parts of New Zealand that have been severely affected by Cyclone Gabrielle.

Public safety messages

- Floodwaters may be full of sewage, chemicals and other hazardous materials and should be avoided as much as possible.
- Floodwater can carry bacteria that can contaminate food.
- Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Throw away all food and drinking water that has come in contact with floodwater.
- Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities.
- Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high.
- In power outages use torches instead of candles, and only use camp cookers and BBQs outdoors.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Chorus Before you dig website and beforeudig.co.nz for all utilities.
- An all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.
<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1615 hours on 26 February 2023

Please send Agency updates and products to **9(2)(a)** and **9(2)(a)** for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 031

ISSUED AT 16:15 HOURS ON 26 FEBRUARY 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	State of National Emergency covering Northland Auckland Waikato Bay of Plenty Tairāwhiti Hawke's Bay Tararua District														
Activation status:	Time declared:														
Mode 4 Lead/Direct	State of National Emergency 8:43AM 14 February 2023 – 8:43AM 28 February 2023 (Northland, Auckland, Waikato, Bay of Plenty, Tairāwhiti and Hawke's Bay) 1.17PM 14 February 2023 – 1:17PM 28 February 2023 (Tararua District)														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">⊙ S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	⊙ S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua. The State of National Emergency declared on 14 February 2023 was extended on Monday 20 February for another seven days.
- As at 3:00PM today (Sunday 26 February) the number of fatalities remains at 11 as a result of Cyclone Gabrielle.
- The number of uncontactable people in the Gisborne and Hawke's Bay regions is eight (down 5) as at 9:00PM Saturday 25 February.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and cut off communities. Food supplies are now being received in these cut off communities.
- Further heavy rain overnight in Northland and Auckland on Friday 24 February caused additional impacts, including the closure of SH1 between Northland and Auckland and the displacement of people to welfare shelters. Most people were able to return to their homes or have been accommodated in temporary accommodation.
- As at 25 February \$47.842 million (up \$2.079 million) of Ministry of Social Development Civil Defence Grants have been paid to 92,598 (up 2,772) people.
- Today (26 February) The Government announced details of the \$25 million business support package for impacted businesses in the seven regions impacted by Cyclone Gabrielle and the January floods. The main focus of the support will help firms maintain cashflow and position them for a successful recovery. Local organisations will distribute grants in affected regions. Farmers, growers, and whenua Māori owners can access a separate \$25 million primary sector support fund. Updated information is available at <https://www.business.govt.nz/cyclone-recovery>

Weather

- There are currently no weather watches or warnings in place for Aotearoa New Zealand. There are heavy rain watches in force from 3:00AM Monday (27 February) for Gisborne and from 9:00AM Monday for Coromandel both expiring early Tuesday (28 February).
- From Wednesday (1 March) to Friday (3 March), a persistent ridge of high pressure lies over the North Island, while a series of fronts move onto the west and south of the South Island. There is low confidence of rainfall reaching warning amounts over Fiordland and the far south of Westland during Thursday (2 March) and Friday (3 March).

Key Risks and Issues

- Accommodation shortages are emerging in affected areas and a long-term temporary accommodation need is anticipated for the thousands of displaced people in Hawke's Bay and Tairāwhiti in particular. MBIE Temporary Accommodation Service (TAS) has been activated in Auckland since 8 February and is preparing to activate in the other impacted regions. TAS is considering all supply options (including portacabins and camper vans/motor homes) going forward as there is likely to be a shortage of commercial accommodation due to the magnitude of damage caused by the cyclone, especially in areas like Hawke's Bay. Staff supporting the

response travelling in from outside the affected regions are being accommodated separately in order to not impact on the supply of accommodation to displaced people.

- Tropical low 08F to the north of Fiji is expected to move west, towards Vanuatu during Monday (27 February) and Tuesday, and the risk for it to become a tropical cyclone is expected to remain high. The system is expected to recurve south and remain close to Vanuatu during Tuesday (28 February) and Wednesday, and is likely to reach severe tropical cyclone category (cat 3 or above). Another tropical low over the Coral Sea is expected to move east, and the chance for it developing into a tropical cyclone is expected to become low on Wednesday (1 March), moderate on Thursday and high in the outlook period. This system is expected to follow a similar track to tropical low 08F, and move close to Vanuatu. If either of these develop into a tropical cyclone and track towards Aotearoa New Zealand, it could potentially bring heavy rain, strong winds, and coastal flooding, disrupting normal activities and causing damage to the areas affected by Tropical Cyclone Gabrielle, with a further possibility of disruptions to transportation, communication, and power. NCC Intelligence and MetService are monitoring the developing situation.
- Silt and waste removal and clean-up will continue to become a significant issue once building assessments are complete. This could put significant strain on waste removal contractors and waste storage facilities. The NCC Planning function is continuing to work with the Ministry for the Environment and impacted Councils to develop a clean-up plan for silt and flood inundated properties.
- Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation. A comprehensive health and public health risk assessment process to inform response and recovery is being developed and coordinated through the National Health Coordination Centre (NHCC).
- Key State Highway routes remain closed to the public. Updated information available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. In addition, there are a number of damaged local roads and bridges across impacted regions. Civil works and temporary Bailey bridges are being prioritised however some bridge installation could take four to six weeks. Until repairs are conducted, communities will remain cut off and will rely on resupply via air. Some areas can be reached by specialist high clearance vehicles.
- Some communities within Hawke's Bay and Tairāwhiti are cut off by electricity and communications damage. Most areas should have cell service as many of the previously impacted cell towers have been repaired. Communications such as broadband internet, are still being affected by power outages. Service providers are working to restore services as electricity networks are repaired. At 10:00AM today (Sunday 26 February), there were 3,148 customers without power nationally.
- COVID-19 infections in impacted communities and response staff are increasing. There is an ongoing risk that COVID-19 could continue to spread through impacted communities. There is also a risk of spread among response staff which could impact on the response. There is a risk of spread to other regions as surge response staff move into and out of the impacted regions. The Ministry of Health continues to provide information to the community about minimising the spread of COVID-19. CDEM Groups and other response agencies are using infection prevention and control (IPC) measures, including mask wearing and surveillance screening are in place to help maintain operational continuity in a response setting



NCC ACTIONS

Actions carried out

- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions.
- The NCC PIM team has been sharing messages about the current weather warnings and watches across NEMA's channels and providing these to media and other agencies. The team is pulling together key support avenues for a 'single source of truth' page on NEMA's website. This will be complimented with some Iwi/Māori content and include a downloadable and printable version to be handed out for those with limited internet access.
- The NEMA NCC National Action Plan 002 (State of National Emergency) was issued at 4:15PM on 23 February 2023. This covers the period 10:00PM 23 February to 11:00AM 28 February 2023.
- NCC Planning is developing Action Plan 003. NCC Planning is continuing to work with the Ministry for the Environment (MfE) and impacted Councils to develop a clean-up plan for silt and flood inundated properties.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, addressing urgent critical resource/support needs.
- NCC Welfare priorities are building situational awareness and obtaining a clearer on-the-ground picture, particularly of cut off communities who are being contacted by defence or Iwi organisations.
- NCC Kaitohutohu has received offers of support and resources from Iwi/Māori, to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu has attended meetings with agencies to enable support to for marae, Iwi and rural support trusts. NCC Kaitohutohu is starting to hear from some Māori entities about recovery needs. The Minister for Emergency Management has requested activation of the Ministerial Advisory Committee. NCC Kaitohutohu is linking policy function with TPK to ensure alignment around funding options for Iwi and marae.



MULTI-AGENCY ACTIONS AND RESOURCES

- To date, 30 offers of international assistance have been received and are being worked through. Two Royal Australian Air Force and other Australian specialists have been working on the ground with FENZ and NZDF. On 24 February, 33 staff from Fiji arrived:
 - 25 Republic of Fiji Military Forces (RFMF) personnel working with NZDF and forward deployed in Hawke's Bay for 28 days
 - 3 Fiji National Fire Authority (NFA) firefighters working with FENZ forward deployed to Hawke's Bay for 2 weeks
 - 5 Fiji National Disaster Management Office (NDMO) staff based in the NCC for 2 weeks
- The National Health Coordination Centre (NHCC) is working alongside Regional and District Emergency Management teams, as well as the National Crisis Management Centre (NCMC) to support the health response to this event.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. The line received 3,518 calls yesterday (25 February). MSD has begun

generating regional specific pamphlets to allow people to understand what support they have access to.

- The MBIE Temporary Accommodation Service (TAS) activated on 8 February for the Auckland region and are working closely with Auckland Emergency Management. TAS entered Pre-Activation for all other regions impacted by Cyclone Gabrielle.
- An all-of-MPI Response has been established, with Regional Coordination Centres established in Hawkes Bay, Gisborne, and Northland, and being established in Auckland. MPI continue to provide animal welfare emergency management and primary sector/rural community support to communities impacted by Cyclone Gabrielle.
- As of today (26 February) NZDF has approximately 500 personnel, three helicopters and one naval vessel involved in response activities.
- Red Cross NZ is working with the NCC and CDEM Groups to understand where they can provide support to the response in impacted areas going forward.
- Fire and Emergency NZ has stood up the Scientific and Technical Advisory Committee (STAC) for hazardous substances and chemical or biological emergencies. The committee met on Friday 24 February and will support the response with scientific advice. NCC Safety is working with STAC to ensure a single source of truth for solid waste guidance.
- FENZ has aircraft operating in the Tairāwhiti and Hawke's Bay regions and is using these for air resupplies to rural and cut off communities.
- Te Whatu Ora is putting out a communication today (26 February) in relation to General Practitioner (GP) care, medication, and health support for those displaced as a result of the cyclone across all regions to address concerns that the previous messaging was not consistent.



RECOVERY

- The National Recovery Manager and National Controller continue to meet with the CDEM Group Managers and Group Recovery Managers from affected areas to discuss their current or planned recovery activities, future recovery arrangements, and transition planning. The National Recovery Manager indicated the shape of transition will be a strategic national decision.
- The National Recovery Coordination Group (NRCG) continues to meet Tuesdays and Fridays with groups across Government that will be involved in the National Recovery.
- Many of the affected groups have begun drafting transition reports and have indicated when they intend to either transition or return to BAU activities.
- NEMA Recovery is actively monitoring progress of solid waste removal and disposal through the Regional Waste Response group organised by MfE. This will be a significant issue through the recovery phase.
- Requests for support with recovery staffing are starting to come through to the NCC from CDEM Groups. Specific recovery expertise will be needed to support and staff local recovery coordination through the initial planning phases and into the longer-term management. NEMA will be seeking staff with the appropriate experience and skillsets from a variety of agencies.

KEY REGIONAL UPDATES



NORTHLAND

Activation Status	CDEM Group ECC and EOCs are not activated.
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AFFECTED COMMUNITIES

- All CDCs in the Northland region have been closed.
- A Starlink phone is being sourced for Purua School, who are currently without communications. Thirty generators are being delivered to Kaikohe on Monday (27 February) for isolated communities that the Far North District Council had identified.
- Building assessments as of 6:30PM 24 February: 37 red, 54 yellow, and 57 white placards.
- There is a Welfare Recovery Transition Strategy in development. Also, Iwi representatives have switched to recovery phase.

CRITICAL INFRASTRUCTURE

- SH1 stills remains closed at Brynderwyn with anticipated remediation being completed by late March. Controlled access with conditions is anticipated before this. As of today (Saturday 25 February) the detour via Kaiwaka-Mangawhai Road remains closed due to severe weather. SH12 and SH14 are open as alternative routes.
- As at 8:30AM Sunday 26 February there are 381 customers without power across the Northland regions.

AUCKLAND

Activation Status	CDEM Group ECC activated.
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- AEM Planning is compiling a four-day action Plan to cover the period Friday 24 – Monday 27 February. Managed re-entry of evacuated residents, and delivery of rapid relief, particularly in West Coast communities is being prioritised.

AFFECTED COMMUNITIES

- As at 1:00PM Sunday 26 February there is one CDC, three community support hubs and eight community led centres open across the Auckland region. 12 people were staying overnight last night at Te Pae o Kura CDC.
- Karekare is cut off due to land instability. Interagency welfare visits are planned for tomorrow (Monday 27 February) along with delivery of resources (including prescription medication), pending suitable flying weather.



- Red Cross, Auckland Emergency Management and Response staff will continue to provide ongoing practical and psychosocial support for ten isolated communities, including Piha and Muriwai.
- In the Rodney District (Muriwai North) there is a large amount of deep-seated reactivated landsliding, mainly damaging infrastructure, agricultural and horticultural land. Slips are presenting access issues for emergency and response agencies. [Community hui are being planned for Muriwai and Piha.](#)
- As of 25 February, 961 households in Auckland have registered with Temporary Accommodation Service (TAS) and of those 773 being housed. [TAS expect to have everyone from CDCs placed into temporary accommodation by tomorrow \(Monday 27 February\).](#)
- Building assessments as at 6:30PM 24 February: 578 (up 2) red placards, 2,235 (up 7) yellow placards and 4,113 (up 1) white placards (for both January and February weather events).

CRITICAL INFRASTRUCTURE

- As at [10:00AM today \(26 February\)](#) customers remain without power.
- There are a number of local roads crossed across the region and restrictions in some places for residents and foot traffic only.
- Water infrastructure in Muriwai has been impacted by the landslides. The water treatment plant remains offline, and the water storage reservoir is now empty. A tanker is providing emergency water to customers and is located at Sand Dunz Cafe. [Community water sites](#) can also be found in Waitākere at Waitākere Hall and Piha at Piha Domain Motor Camp.

WAIKATO	
Activation Status	CDEM Group ECC activated. Thames Coromandel EOC and Waikato District EOC activated.

AFFECTED COMMUNITIES

- There are 20 people displaced or isolated in the Waikato District and 13 in the Thames Coromandel District. There are currently eight people that will require long term support from TAS in the Thames Coromandel District.
- Building assessments as of 6:30PM 24 February: 20 red, 36 yellow, 47 white placards.

CRITICAL INFRASTRUCTURE

- SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel time.
- SH25 from Coromandel to Whitianga is closed due to multiple slips. Contractors will be responding to maintain access around the peninsula.

HAWKE'S BAY

Activation Status

CDEM Group ECC activated. All EOCs activated.

AFFECTED COMMUNITIES

- Helicopter flights are scheduled today (Sunday 26 February) to update intelligence on cut off communities and assess their needs for resupply.
- At least 72 people stayed overnight in CDCs, CLCs in Napier and Wairoa.
- Building assessment as of 6:30PM 24 February: 86 red, 1,015 yellow, and 376 white placards.
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials and sanitary items, generators and fuel. Iwi continues to lead the operation, in partnership with CDEM and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land.
- MPI are working on distributing supplies to rural areas including essential resources for fencing, fuel, and generators. They are working closely with the Regional Distribution Centre.
- A Papakāinga Programme has been activated and will complete a needs assessment with marae that have yet to be contacted.
- Māori Wardens have organised a flight today (Sunday 26 February) to Wairoa to assess Māori needs in the area.
- A Hāpori Ora (Healthy Communities) plan was activated in collaboration with Te Whatu Ora focusing on Tutira, Te Haroto, Rissington and Waikoau communities.

CRITICAL INFRASTRUCTURE

- Cut off remote communities continue to be a top priority with efforts being made to gain access to the remaining communities who have not been reached. Contact has now been made with all cut off communities. In the Hastings District, 10 communities remain accessible by air supply, specialist vehicle or 4x4 vehicle only. Contingency planning is underway to stockpile supplies for cut off communities before incoming weather tomorrow (Monday 27 February).
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Many of these require repairs which could take weeks to months before full public access is available. While these roads are closed, some communities will remain isolated. A full overview is available on the Waka Kotahi website <https://nzta.govt.nz/traffic-and-travel-information/cyclone-gabrielle-state-highway-access/>
- Rail lines in and out of Hawke's Bay are closed due to significant damage. KiwiRail is aiming to open the line between Woodville and Hastings in the next 3-4 weeks. The line between Hastings and Napier is expected to take months to reopen.
- As at 10:00AM Sunday 26 February there were 2,545 customers without power in Hawke's Bay.
- Hawke's Bay Hospital remains at red. This is mainly due to not being able to discharge patients who cannot self-care at home. They are looking to get paramedics on welfare flights to have medical care delivered in the community rather than people coming into the hospitals. The Hawke's Bay Emergency Department status is Green and private hospitals are providing some capacity and are operating at near normal levels.
- The wastewater treatment plant in Napier remains offline. It is flooded with no 4WD access. Portaloos have been placed in Otane and Waipukurau.

TAIRĀWHITI

Activation Status

CDEM Group ECC activated.

AFFECTED COMMUNITIES

- Yesterday (25 February), the Mangahauini River debris dam was assessed to have sufficient spillover, reducing the risk of failure to an acceptable level. A full assessment by GNS Science and an engineer will be conducted next week.
- The CDEM Group is working to make contact with all cut off communities and are determining need and access. The Welfare Coordination Group is working with to ensuring that the needs of all cut off communities are assessed.
- MPI Animal Welfare Emergency Management are working with the CDEM Group to explore options and prioritise pet food supplies to cut off communities north of Tolaga Bay. MPI continues to respond to animal welfare support requests received via the CDEM Group and will continue to provide advice and support where required.
- Red Cross NZ disaster welfare support volunteers are working in Tolaga Bay today (Sunday 26 February) providing the community with needs assessment and psychosocial support.
- All CDCs have closed. However, there are 24 families in emergency accommodation with families coming to the end of support from whanau and needing further accommodation while their homes are sorted out.
- Building assessments as of 6:30PM 23 February: 12 red, 165 yellow. The Council advise that requests for assessments are decreasing.

CRITICAL INFRASTRUCTURE

- Power has been restored to Te Puia Springs and the generator turned off.
- As at 10:00AM Sunday 26 February there remains 92 consumers without access to power. Restoration of power to cut off communities is being worked on and generators are being supplied where possible.
- Telecommunications is steadily improving with Chorus making a temporary fix to the fibre north of Gisborne enabling full services, calls, texting and data on mobile to be available to 80% of Wairoa and central Gisborne. Ten Starlink units have been deployed to the region, sourced from Buller District Council and 9(2)(a) [REDACTED]
- SH2 Ōpōtiki to Gisborne is now open with no time restrictions, restoring access to Gisborne. SH35 between Te Puia Springs and Tolaga Bay has sustained major damage and it likely to take several months to repair before being open to the public. This significantly limits the mobility of those communities in the area.

TARARUA

Activation Status

Tararua District Council EOC not activated.

AFFECTED COMMUNITIES

- Building assessments as of 21 February: 6 red, 9 yellow, and 9 white placards.
- Emerging issues are being associated with silt and waste management across affected regions and the shortage of accommodation for those needing to move from their homes.
- Initial aerial reconnaissance indicates that the damage in the Tararua area to roading and lifelines utilities is significant, and some rural communities are cut off. Airdrops continue to provide welfare and make contact with residents to these communities.
- Rural support is being given to farmers in Tararua by the Rural Support Trust, and Federated Farmers. There are reports of stock loss, flooded farmland and access issues for milk collection.

CRITICAL INFRASTRUCTURE

- Contractors and structural engineers are carrying out assessments on bridges within the Pohangina Valley. Application to Waka Kotahi for expedited funding to replace Churchill Road bridge is being prepared. Estimated three months before the Konewa Bridge is replaced with a temporary crossing.
- Dannevirke Wastewater Treatment Plant is now becoming overloaded. Communications have been pushed out to the Dannevirke Community to start conserving water to minimise the amount of water that needs to be processed by the Dannevirke Wastewater Treatment Plant. Boil water notices [have been lifted](#) for Pongaroa and Ākito.



PUBLIC INFORMATION

Public information is being led by local Emergency Management. You can access the latest messaging here:

Northland: <https://www.facebook.com/civildefencenorthland/>

Auckland: <https://www.aucklandemergencymanagement.org.nz/major-incident/flooding-2023>

Coromandel: <https://www.facebook.com/ThamesCoromandelDistrictCouncil/>

Waikato: <https://www.waikatoregioncdemg.govt.nz/>

Bay of Plenty: <https://www.bopcivildefence.govt.nz/>

Tairāwhiti: <https://www.gdc.govt.nz/services/civil-defence>

Hawke's Bay: <https://www.hbemergency.govt.nz/>

Tararua District Council: <https://www.tararuadc.govt.nz/services/emergency-management/updates>

Talking points

Weather messages

- While the most recent severe weather appears to have passed, keep up to date with MetService's latest weather warnings and watches, and follow your local Civil Defence Emergency Management group on their social channels for local updates.
- This latest severe weather has been another blow for communities already struggling after Cyclone Gabrielle. Our thoughts are with you. The Government will continue to support you.
- Monetary donations are the single most helpful thing kiwis can do right now. The donation of physical goods, whilst extremely generous and well intentioned, is not the most effective way to help right at this minute. Monetary donations enable support organisations to provide exactly what is needed to those most affected.
- There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- A State of National Emergency is still in place for Auckland, Northland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Taranaki District. It was declared on 14 February and extended on 21 February. It will continue in place until 28 February, unless terminated before then or extended again.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. A National declaration is a partnership between central government and local authorities. It allows the Government, through NEMA, to support the affected regions.
- The National declaration only applies to the parts of New Zealand that have been severely affected by Cyclone Gabrielle.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible.
- Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Floodwater can carry bacteria that can contaminate food. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities.
- Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high.
- In power outages use torches instead of candles, and only use camp cookers and BBQs outdoors.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Chorus Before you dig website and beforeudig.co.nz for all utilities.
- Keep up to date with MetService's Severe Weather Warnings and your local Civil Defence Emergency Management group.



- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- Floods and flash floods can happen quickly. If you see rising water, do not wait for official warnings. Head for higher ground and stay away from floodwater.
- An all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.
<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1615 hours on 27 February 2023

Please send Agency updates and products to 9(2)(a) and 9(2)(a) for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 032

ISSUED AT 16:15 HOURS ON 27 FEBRUARY 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	State of National Emergency covering Northland Auckland Waikato Bay of Plenty Tairāwhiti Hawke's Bay Tararua District														
Activation status:	Time declared:														
Mode 4 Lead/Direct	State of National Emergency 8:43AM 14 February 2023 – 8:43AM 28 February 2023 (Northland, Auckland, Waikato, Bay of Plenty, Tairāwhiti and Hawke's Bay) 1.17PM 14 February 2023 – 1:17PM 28 February 2023 (Tararua District)														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">⊙ S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	⊙ S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua. The State of National Emergency declared on 14 February 2023 was extended on Monday 20 February for another seven days.
- As at 3:00PM today (Sunday 26 February) the number of fatalities remains at 11 as a result of Cyclone Gabrielle.
- The number of uncontactable people in the Gisborne and Hawke's Bay regions is **four (down from 8)** as at **11:00AM Monday 27 February**.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and cut off communities. Food supplies are now being received in these cut off communities.
- Further heavy rain overnight in Northland and Auckland on Friday 24 February caused additional impacts, including the closure of SH1 between Northland and Auckland and the displacement of people to welfare shelters. Most people were able to return to their homes or have been accommodated in temporary accommodation.
- As at **26 February \$51.198 million (up \$3.356 million)** of Ministry of Social Development Civil Defence Grants have been **paid to 94,191 (up 1,593) people**.
- On Sunday 26 February the Government announced details of the \$25 million business support package for impacted businesses in the seven regions impacted by Cyclone Gabrielle and the January floods. The main focus of the support will help firms maintain cashflow and position them for a successful recovery. Local organisations will distribute grants in affected regions. Farmers, growers, and whenua Māori owners can access a separate \$25 million primary sector support fund. Updated information is available at <https://www.business.govt.nz/cyclone-recovery>

Weather

- There is currently a band of heavy rain moving east across the upper North Island. There is an Orange Heavy Rain Warning in force for northern Gisborne from 9:00AM Monday through to 6:00AM Tuesday 28 February and a heavy rain watch for eastern Bay of Plenty and Coromandel from 9:00AM to midnight today (Monday 27 February).
- There is moderate risk of severe thunderstorms and localised heavy rain in Northland, Auckland, Waikato, Waitomo and the central North Island including the inland ranges of Hawke's Bay and northern Manawatu. A thunderstorm watch is in place for these areas from midday through to 9:00PM on Monday 27 February.
- From Wednesday (1 March) to Saturday (4 March), a ridge of high pressure lies over the North Island, bringing generally settled weather, although daytime heat showers are likely, especially in inland areas. A front is forecast to move onto the southwest of the South Island late on Wednesday, then make minimal progress northwards during Thursday and Friday. There is low confidence of rainfall amounts reaching warning criteria over Fiordland and the far south of Westland during Thursday (2 March) and Friday (3 March). The front is expected to weaken and move northwards over the South Island on Saturday (4 March) and will be followed by a showery southerly flow.

Key Risks and Issues

- Accommodation shortages are emerging in affected areas and a long-term temporary accommodation need is anticipated for the thousands of displaced people in Hawke's Bay and Tairāwhiti in particular. MBIE Temporary Accommodation Service (TAS) has been activated in Auckland since 8 February and from today (27 February) has activated in the other impacted regions: Bay of Plenty, Hawke's Bay, Northland, Gisborne, Waikato and the Tararua District. TAS is considering all supply options (including portacabins and camper vans/motor homes) going forward as there is likely to be a shortage of commercial accommodation due to the magnitude of damage caused by the cyclone, especially in areas like Hawke's Bay. Staff supporting the response travelling in from outside the affected regions are being accommodated separately in order to not impact on the supply of accommodation to displaced people.
- Tropical low 08F is expected to be a Tropical Cyclone near Vanuatu. It is then expected to recurve south and remain close to Vanuatu during Wednesday (1 March) and is expected to reach severe tropical cyclone category (Cat 3 or above). It then turns southeast during Thursday (2 March) and is expected to move out of the tropics later on Friday (3 March). Another tropical low over the Coral Sea is expected to move east, and the chance for it developing into a tropical cyclone is expected to become low on Wednesday (1 March), moderate on Thursday and high in the outlook period. This system is expected to follow a similar track to tropical low 08F and move across or close to Vanuatu later in the week. Current track prediction suggests both cyclones will pass well northeast of the North Island, however there is considerable uncertainty at this stage. NCC Intelligence and MetService continue to monitor the developing situation.
- Silt and waste removal and clean-up will continue to become a significant issue once building assessments are complete. This could put significant strain on waste removal contractors and waste storage facilities. The NCC Planning function is continuing to work with the Ministry for the Environment and impacted Councils to develop a clean-up plan for silt and flood inundated properties. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in Solid Waste. This will reduce the duplication of guidance and advice and stop confusion on what the 'right' advice needs to be applied.
- Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation. A comprehensive health and public health risk assessment process to inform response and recovery is being developed and coordinated through the National Health Coordination Centre (NHCC).
- Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. In addition, there are a number of damaged local roads and bridges across impacted regions. Civil works and temporary Bailey bridges are being prioritised however some bridge installation could take four to six weeks. Until repairs are conducted, communities will remain cut off and will rely on resupply via air. Some areas can be reached by specialist high clearance vehicles.
- Some communities within Hawke's Bay and Tairāwhiti are cut off by electricity and communications damage. Most areas should have cell service as many of the previously impacted cell towers have been repaired. Communications such as broadband internet, are still being affected by power outages. Service providers are working to restore services as electricity networks are repaired. At 3:00PM today (Monday 27 February), there were 2,961 customers without power nationally.
- As at midday, 27 February, 25 schools and 54 Early Learning Services remain closed across Hawke's Bay and Tairāwhiti.
- COVID-19 infections in impacted communities and response staff are increasing. There is an ongoing risk that COVID-19 could continue to spread through impacted communities. There is also a risk of spread among response staff which could impact on the response. There is a risk of

spread to other regions as surge response staff move into and out of the impacted regions. The Ministry of Health continues to provide information to the community about minimising the spread of COVID-19. CDEM Groups and other response agencies are using infection prevention and control (IPC) measures, including mask wearing and surveillance screening are in place to help maintain operational continuity in a response setting



NCC ACTIONS

Actions carried out

- NCC Logistics has facilitated the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM on Monday 27 February there are 91 surge staff currently deployed to the CDEM Groups today, of which 79 are in Hawke's Bay, and 5 EMAT staff currently deployed.
- The NCC PIM team has been sharing messages about the current weather warnings and watches across NEMA's channels and providing these to media and other agencies. The team is pulling together key support avenues for a 'single source of truth' page on NEMA's website. This will be complimented with some Iwi/Māori content and include a downloadable and printable version to be handed out for those with limited internet access.
- The NEMA NCC National Action Plan 002 (State of National Emergency) was issued at 4:15PM on 23 February 2023. This covers the period 10:00PM 23 February to 11:00AM 28 February 2023.
- NCC Planning are continuing to develop Action Plan 3.0 with input from NCC functions and agencies. NCC Planning is working with newly deployed EMAT staff on clean-up planning and supporting planning for international assistance and bridge prioritisation.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, addressing urgent critical resource/support needs.
- NCC Welfare priorities are building situational awareness and obtaining a clearer on-the-ground picture, particularly of cut off communities who are being contacted by NZDF or Iwi organisations.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori, to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu has attended meetings with agencies to enable support for marae, iwi and rural support trusts. NCC Kaitohutohu is starting to hear from some Māori entities about recovery needs. The Minister for Emergency Management has requested activation of the Ministerial Advisory Committee. NCC Kaitohutohu is linking policy function with TPK to ensure alignment around funding options for iwi and marae. NCC Kaitohutohu are also exploring holding a Māori media information session with Māori communications representatives within Government and the iwi comms collective.
- NCC Safety have prepared the National Risk Assessment which is now in the review stage and when finalised will be sent to Control for approval.
- NCC Safety are also:
 - Continually updating NCC and Deployed staff guidance on Covid-19 protocols and PPE.
 - Conducting targeted welfare checks, as some staff are now feeling the effects of prolonged fatigue.
 - Working on dynamic guidance for shift management and work schedules.
 - Attending (alongside NCC Planning and the Ministry for the Environment) the National Solid Waste meeting daily and supporting councils with their issues and concerns.

- Working closely beside NCC Planning and Policy and the Ministry for the Environment in working through a 'National funding mechanism' for the areas in need of financial assistance to conduct the necessary solid waste operations.



MULTI-AGENCY ACTIONS AND RESOURCES

- To date, 30 offers of international assistance have been received and are being worked through. Two Royal Australian Air Force and other Australian specialists have been working on the ground with FENZ and NZDF. On 24 February, 33 staff from Fiji arrived:
 - 25 Republic of Fiji Military Forces (RFMF) personnel working with NZDF and forward deployed in Hawke's Bay for 28 days
 - 3 Fiji National Fire Authority (NFA) firefighters working with FENZ forward deployed to Hawke's Bay for 2 weeks
 - 5 Fiji National Disaster Management Office (NDMO) staff based in the NCC for 2 weeks
- As of 26 February, FENZ USAR personnel have been demobilized, this includes the Australian USAR support that deployed and the Australian USAR team that has now returned home.
- The National Health Coordination Centre (NHCC) is working alongside Regional and District Emergency Management teams, as well as the National Crisis Management Centre (NCMC) to support the health response to this event.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. The line received 1,392 calls yesterday (26 February). MSD has begun generating regional specific pamphlets to allow people to understand what support they have access to.
- The MBIE Temporary Accommodation Service (TAS) activated on 8 February for the Auckland region. Today (27 February) TAS activated in the other impacted regions: Bay of Plenty, Hawke's Bay, Northland, Gisborne, Waikato and the Tararua District.
- An all-of-MPI Response has been established, with Regional Coordination Centres established in Hawkes Bay, Gisborne, and Northland, and being established in Auckland. MPI has been working directly with the local and regional CDEM, Rural Advisory Groups and Sector groups to facilitate the provision of support for isolated rural communities and to address specific animal welfare concerns. From today, MPI will have a liaison role based at the Hawke's Bay Showgrounds, which is a distribution centre for supplies being airlifted to isolated rural communities. MPI will work closely with the planning team who prioritise the delivery of supplies. MPI staff are on helicopter flights into rural communities and farms and are working alongside other agencies to assess the immediate needs e.g., animal welfare/feed concerns.
- As of Sunday 26 February, NZDF has approximately 500 personnel, three helicopters and one naval vessel involved in response activities.
- Red Cross NZ is working with the NCC and CDEM Groups to understand where they can provide support to the response in impacted areas going forward. Red Cross will continue to discuss emerging needs as NEMA and CDEM begin the transition to recovery.
- Fire and Emergency New Zealand (FENZ) has aircraft operating in the Tairāwhiti and Hawke's Bay regions and is using these for air resupplies to rural and cut off communities.
- Te Whatu Ora put out a communication on 26 February in relation to General Practitioner (GP) care, medication, and health support for those displaced as a result of the cyclone across all regions to address concerns that the previous messaging was not consistent.

- The New Zealand Insurance Council report over 70,000 claims have been received related to the severe weather events (as of Saturday 25 February) and this number will continue to rise over coming weeks (for reference, the Kaikōura earthquake resulted in approximately 40,000 claims).



RECOVERY

- NCC Recovery and Planning are collaborating on an initial recovery action plan.
- NEMA Recovery is providing SME input to Policy on transition periods.
- NEMA Recovery developing a list of recovery practitioners to facilitate completion of resource requests and future staffing requirements.

KEY REGIONAL UPDATES



NORTHLAND

Activation Status	CDEM Group ECC and EOCs are not activated.
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AFFECTED COMMUNITIES

- All CDCs in the Northland region have been closed.
- A Starlink phone is being sourced for Purua School, who are currently without communications. Thirty generators are being delivered to Kaikohe today (27 February) for isolated communities that the Far North District Council had identified.
- Building assessments as of 6:30PM 24 February: 37 red, 54 yellow, and 57 white placards.
- There is a Welfare Recovery Transition Strategy in development. Also, Iwi representatives have switched to the recovery phase.

CRITICAL INFRASTRUCTURE

- SH1 remains closed at Brynderwyn with anticipated remediation being completed by late March. Controlled access with conditions is anticipated before this.
- As at 3:00PM Monday 27 February there are 349 customers without power across the Northland regions.

AUCKLAND

Activation Status	CDEM Group ECC activated.
--------------------------	---------------------------

AFFECTED COMMUNITIES

- As at 2:00PM Monday 27 February there is one CDC, three community support hubs and eight community led centres open across the Auckland region. 16 people were staying overnight last night at Te Pae o Kura CDC.
- Karekare is cut off due to land instability. Interagency welfare visits are planned for today (Monday 27 February) along with delivery of resources (including prescription medication), pending suitable flying weather. Other previously isolated communities on the west coast and western area of the Auckland region are no longer fully isolated. Auckland Emergency Management are focusing on providing tailored support for severely affected communities.
- Red Cross, Auckland Emergency Management and Response staff will continue to provide ongoing practical and psychosocial support for ten isolated communities, including Piha and Muriwai.
- In the Rodney District (Muriwai North) there is a large amount of deep-seated reactivated landsliding, mainly damaging infrastructure, agricultural and horticultural land. Slips are presenting access issues for emergency and response agencies. Community hui are being planned for Muriwai and Piha.
- As of Saturday 25 February, 961 households in Auckland have registered with Temporary Accommodation Service (TAS) and of those 773 are being housed. TAS will have provided temporary accommodation by the end of today (27 February) for all people staying in the CDC.
- Building assessments as at 6:30PM 24 February: 578 (up 2) red placards, 2,235 (up 7) yellow placards and 4,113 (up 1) white placards (for both January and February weather events).

CRITICAL INFRASTRUCTURE

- As at 3:00PM today (27 February) 99 customers remain without power.
- There are a number of local roads closed across the region and restrictions in some places for residents and foot traffic only.
- Water infrastructure in Muriwai has been impacted by the landslides. The water treatment plant remains offline, and the water storage reservoir is now empty. A tanker is providing emergency water to customers and is located at Sand Dunz Cafe. Community water sites can also be found in Waitākere at Waitākere Hall and Piha at Piha Domain Motor Camp.

WAIKATO

Activation Status

CDEM Group ECC activated. Thames Coromandel EOC and Waikato District EOC activated.

AFFECTED COMMUNITIES

- There are 20 people displaced or isolated in the Waikato District and 13 in the Thames Coromandel District. There are currently eight people that will require long term support from TAS in the Thames Coromandel District.
- Building assessments as of 6:30PM 24 February: 20 red, 36 yellow, 47 white placards.

CRITICAL INFRASTRUCTURE

- SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel time.

- SH25 from Coromandel to Whitianga is closed due to multiple slips. Contractors will be responding to maintain access around the peninsula.

HAWKE'S BAY

Activation Status

CDEM Group ECC activated. All EOCs activated.

AFFECTED COMMUNITIES

- Cut off remote communities continue to be a top priority with efforts being made to gain access to the remaining communities who have not been reached. Contact has now been made with all cut off communities. In the Hastings District, 10 communities remain accessible by air supply, specialist vehicle or 4x4 vehicle only.
- On Sunday 26 February a multi-disciplinary needs assessment team visited the isolated communities of Tūtira, Waikoau, Te Haroto, Rissington and Patoka. Further cut off communities are to be visited today. Key needs identified were food, fuel, and health support and all areas were concerned about support to their incomes. A plan to conduct resupply and further engagement with these communities (including with a health and wellbeing team) is planned for Wednesday 1 March.
- Approximately 214 people stayed overnight in CDCs and CLCs in in Napier, Hastings and Wairoa.
- Building assessment as of 6:30PM 24 February: 86 red, 1,015 yellow, and 376 white placards.
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials and sanitary items, generators and fuel. Iwi continues to lead the operation, in partnership with CDEM and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land.
- MPI are working on distributing supplies to rural areas including essential resources for fencing, fuel, and generators. They are working closely with the Regional Distribution Centre.
- A Papakāinga Programme has been activated and will complete a needs assessment with marae that have yet to be contacted.
- Māori Wardens organised a flight yesterday (Sunday 26 February) to Wairoa to assess Māori needs in the area.
- A Hāpori Ora (Healthy Communities) plan was activated in collaboration with Te Whatu Ora focusing on Tutira, Te Haroto, Rissington and Waikoau communities.
- It has been reported that households in Wairoa are still staying in properties that have had a yellow placard issued. This appears to be driven by a lack of available alternative accommodation combined with fears of looting. Consequently, this poses a major public health risk for the Wairoa community.

CRITICAL INFRASTRUCTURE

- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Many of these require repairs which could take weeks to months before full public access is available. While these roads are closed, some communities will remain isolated. A full overview is available on the Waka Kotahi website <https://nzta.govt.nz/traffic-and-travel-information/cyclone-gabrielle-state-highway-access/>

- Rail lines in and out of Hawke's Bay are closed due to significant damage. KiwiRail is aiming to open the line between Woodville and Hastings in the next 3-4 weeks. The line between Hastings and Napier is expected to take months to reopen.
- As at 3:00PM Monday 27 February there were 2,397 customers without power in Hawke's Bay. Region is at 96.79% restored.
- The Rissington community have been supplied with a generator to supply 400 homes, however fuel requirements are up to 4000L per day. Unison (the local electrical distributor) and NEMA have been working together to assess options for safely delivering fuel to the site.
- Hastings Hospital status is Red. This is mainly due to not being able to discharge patients who cannot self-care at home. They are looking to get paramedics on welfare flights to have medical care delivered in the community rather than people coming into the hospitals. The Hawke's Bay Emergency Department status is Yellow and private hospitals are providing some capacity. Private hospitals are operating at near normal levels.
- The wastewater treatment plant in Napier remains offline. It is flooded with no 4WD access. Portaloos have been placed in Otane and Waipukurau.
- The Waipukurau wastewater treatment pump failed overnight causing significant risk to the wastewater treatment scheme and risk of surcharge back into the network during rain events. Alternate systems are being investigated and implemented.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- On Saturday 25 February, the Mangahauini River debris dam was assessed to have sufficient spillover, reducing the risk of failure to an acceptable level. A full assessment by GNS Science and an engineer will be conducted next week.
- The CDEM Group is working to make contact with all cut off communities and are determining needs and access. The Welfare Coordination Group is working to ensure that the needs of all cut off communities are assessed.
- MPI Animal Welfare Emergency Management are working with the CDEM Group to explore options and prioritise pet food supplies to cut off communities north of Tolaga Bay. MPI continues to respond to animal welfare support requests received via the CDEM Group and will continue to provide advice and support where required.
- Red Cross NZ disaster welfare support volunteers were working in Tolaga Bay yesterday (Sunday 26 February) providing the community with needs assessment and psychosocial support.
- All CDCs have closed. However, there are 24 families in emergency accommodation with families coming to the end of support from whanau and needing further accommodation while their homes are sorted out.
- Building assessments as of 6:30PM 23 February: 12 red, 165 yellow. The Council advise that requests for assessments are decreasing.
- Health is looking forward and planning to move medicines and blood into Te Puia Springs. They are advising high risk patients (dialysis) to consider moving to town where support is closer for a few days. Health is working with all high-risk patients.

CRITICAL INFRASTRUCTURE

- Power has been restored to Te Puia Springs and the generator has been switched off.
- **As at 3:00PM Monday 27 February** there remains 92 consumers without access to power. Restoration of power to cut off communities is being worked on and generators are being supplied where possible.
- Telecommunications is steadily improving with Chorus making a temporary fix to the fibre north of Gisborne enabling full services, calls, texting and data on mobile to be available to 80% of Wairoa and central Gisborne. Ten Starlink units have been deployed to the region, sourced from Buller District Council and 9(2)(a)
- SH2 Ōpōtiki to Gisborne is now open with no time restrictions, restoring access to Gisborne. **The prospect of installing a Bailey bridge at Hikuwai is being assessed by engineers. If it is confirmed, installation would not likely be completed until late April.** SH35 between Te Puia Springs and Tolaga Bay has sustained major damage and it likely to take several months to repair before being open to the public. This significantly limits the mobility of those communities in the area.

TARARUA**Activation Status**

Tararua District Council EOC not activated.

AFFECTED COMMUNITIES

- Building assessments as of 21 February: 6 red, 9 yellow, and 9 white placards.
- Emerging issues are being associated with silt and waste management across affected regions and the shortage of accommodation for those needing to move from their homes.
- Initial aerial reconnaissance indicates that the damage in the Tararua area to roading and lifelines utilities is significant, and some rural communities are cut off. Airdrops continue to provide welfare and make contact with residents to these communities.
- Rural support is being given to farmers in Tararua by the Rural Support Trust, and Federated Farmers. There are reports of stock loss, flooded farmland and access issues for milk collection.

CRITICAL INFRASTRUCTURE

- Contractors and structural engineers are carrying out assessments on bridges within the Pohangina Valley. Application to Waka Kotahi for expedited funding to replace Churchill Road bridge is being prepared. Estimated three months before the Konewa Bridge is replaced with a temporary crossing.
- Dannevirke Wastewater Treatment Plant is now becoming overloaded. Communications have been pushed out to the Dannevirke Community to start conserving water to minimise the amount of water that needs to be processed by the Dannevirke Wastewater Treatment Plant. Boil water notices have been lifted for Pongaroa and Ākito.

**PUBLIC INFORMATION**

Public information is being led by local Emergency Management. You can access the latest messaging here:

Northland: <https://www.facebook.com/civildefencenorthland/>

Auckland: <https://www.aucklandemergencymanagement.org.nz/major-incident/flooding-2023>

Coromandel: <https://www.facebook.com/ThamesCoromandelDistrictCouncil/>

Waikato: <https://www.waikatoregioncdemg.govt.nz/>

Bay of Plenty: <https://www.bopcivildefence.govt.nz/>

Tairāwhiti: <https://www.gdc.govt.nz/services/civil-defence>

Hawke's Bay: <https://www.hbemergency.govt.nz/>

Tararua District Council: <https://www.tararuadc.govt.nz/services/emergency-management/updates>

Talking points

Weather messages

- While the most recent severe weather appears to have passed, keep up to date with MetService's latest weather warnings and watches, and follow your local Civil Defence Emergency Management group on their social channels for local updates.
- This latest severe weather has been another blow for communities already struggling after Cyclone Gabrielle. Our thoughts are with you. The Government will continue to support you.
- Monetary donations are the single most helpful thing kiwis can do right now. The donation of physical goods, whilst extremely generous and well intentioned, is not the most effective way to help right at this minute. Monetary donations enable support organisations to provide exactly what is needed to those most affected.
- There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- A State of National Emergency is still in place for Auckland, Northland, Waikato, Tairāwhiti, Hawke's Bay and Tararua District. It was declared on 14 February and extended on 21 February, and will be extended again on 28 February.
- As confidence grows that some areas are ready to transition to recovery, the states of national emergency may be amended to reflect this before the end of this extension period.
- The Bay of Plenty was part of the State of National Emergency first declared on 14 February, and extended on 21 February, but is now able to manage its recovery within its 'business as usual' council operations. It has therefore not been included in today's state of national emergency extension. This means that for the Bay of Plenty, the state of national emergency will expire at 8:43 am on Tuesday 28 February.
- Cyclone Gabrielle has resulted in widespread damage and impacts across many regions and districts in Aotearoa New Zealand. The scale and complexity differs across these districts and regions and therefore the timing for when they transition into recovery will likely be different.
- It is up to each region, working with the National Emergency Management Agency, to determine when they are ready to move into a recovery phase. This decision must be based on the needs of their communities and the ongoing impacts they are managing.
- The biggest factor in determining whether an area should move into a recovery phase is the stability of that community. That includes access, the supply chain of food and goods being re-established, the supply of power and water, and ensuring everyone has a safe place to sleep at night.

- This is only the third time in New Zealand's history that a State of National Emergency has been declared. A National declaration is a partnership between central government and local authorities. It allows the Government, through NEMA, to support the affected regions.
- The National declaration only applies to the parts of New Zealand that have been severely affected by Cyclone Gabrielle.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible.
- Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Floodwater can carry bacteria that can contaminate food. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities.
- Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high.
- In power outages use torches instead of candles, and only use camp cookers and BBQs outdoors.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Before you dig website and beforeudig.co.nz for all utilities.
- Keep up to date with MetService's Severe Weather Warnings and your local Civil Defence Emergency Management group.
- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- Floods and flash floods can happen quickly. If you see rising water, do not wait for official warnings. Head for higher ground and stay away from floodwater.
- An all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.
<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>



ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>



Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1615 hours on 28 February 2023

Please send Agency updates and products to 9(2)(a) [redacted] and 9(2)(a) [redacted] for inclusion in NCC Intelligence Products.

Proactively released



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 033

ISSUED AT 16:15 HOURS ON 28 FEBRUARY 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	State of National Emergency covering Northland Auckland Waikato Tairāwhiti Hawke’s Bay Tararua District														
Activation status:	Time declared:														
Mode 4 Lead/Direct	State of National Emergency 8:43AM 14 February 2023 – 8:43AM 7 March 2023 (Northland, Auckland, Waikato, Tairāwhiti and Hawke’s Bay; <i>expired 8:43AM 28 February for Bay of Plenty</i>) 1.17PM 14 February 2023 – 1:17PM 7 March 2023 (Tararua District)														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA’s incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">⊙</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	⊙		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 4	⊙														
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N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua. The State of National Emergency declared on 14 February 2023 was extended on [Monday 27 February](#) for another seven days. [Bay of Plenty are no longer the State of Emergency and are preparing to transition to recovery.](#)
- As at [21:45PM Monday 27 February](#) the number of fatalities remains at 11 as a result of Cyclone Gabrielle, [nine of whom are from Eastern District and two from Muriwai in Auckland West.](#)
- The number of uncontactable people in the Gisborne and Hawke's Bay regions is [five](#) (up from four) as at [21:45PM Monday 27 February](#).
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and cut off communities. Food supplies are now being received in these cut off communities.
- Further heavy rain overnight in Northland and Auckland on Friday 24 February caused additional impacts, including the closure of SH1 between Northland and Auckland and the displacement of people to welfare shelters. Most people were able to return to their homes or have been accommodated in temporary accommodation.
- As at [28 February](#) [\\$53.614 million](#) (up [\\$2.416 million](#)) of Ministry of Social Development Civil Defence Grants have been paid to [97,716](#) (up [2,475](#)) people. [Yesterday \\$ 2.413m was paid to 4,908 people.](#)
- On Sunday 26 February the Government announced details of the \$25 million business support package for impacted businesses in the seven regions impacted by Cyclone Gabrielle and the January floods. The main focus of the support will help firms maintain cashflow and position them for a successful recovery. Local organisations will distribute grants in affected regions. Farmers, growers, and whenua Māori owners can access a separate \$25 million primary sector support fund. Updated information is available at <https://www.business.govt.nz/cyclone-recovery>

Weather

- As at [12:52PM Tuesday 28 February](#) the Heavy Rain Warnings were lifted with the rain easing to showers about Tairāwhiti and the Wairoa District, with showers about the remainder of Hawke's Bay. Remaining areas of the North Island are mostly dry apart from a few showers.
- There is a low risk of heavy rain about Fiordland and southern Westland from Thursday to Friday, and about Southland and eastern Otago from Friday to Saturday.

Tropical Cyclone (TC) Judy was named by Fiji yesterday (Monday 27 Feb). TC Judy currently lies northeast of Vanuatu and is expected to move south over Vanuatu over the next couple of days. Current track prediction suggest cyclone will pass northeast of the North Island later this week There is a risk of a second tropical cyclone formation in the Coral Sea this week, which may follow similar path to TC Judy. There is considerable uncertainty at this stage.

The outlook is mostly settled about the country through the remainder of this week. However, a weakening front brings some rain to the West Coast Wednesday 1 March and Thursday 2 March, with scattered showers about western parts of the North Island later in the week.

Key Risks and Issues

- There is a lack of compliance with temporary traffic management on closed and restricted roads in communities. This presents a safety risk to the public, contractors and emergency responders. Agencies should continue to advise the public to adhere to safety messaging and instructions.
- Accommodation shortages are emerging in affected areas and a long-term temporary accommodation need is anticipated for the thousands of displaced people in Hawke's Bay and Tairāwhiti in particular. MBIE Temporary Accommodation Service (TAS) have been activated in Auckland since 8 February and in the other impacted regions from Monday 27 February. Accommodation in Hawke's Bay remains under pressure with campervans now being used to transport and accommodate response staff. A national shortage of rental vehicles is compounding this issue. There are also reports across the regions of households staying in yellow placard properties which could be a result of alternative accommodation not being available. Consequentially this could pose a public health risk for affected households.
- Silt and waste removal and clean-up will continue to become a significant issue once building assessments are complete. This could put significant strain on waste removal contractors and waste storage facilities. The NCC Planning function is continuing to work with the Ministry for the Environment and impacted Councils to develop a clean-up plan for silt and flood inundated properties. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in Solid Waste. This will reduce the duplication of guidance and advice and stop confusion on what the 'right' advice needs to be applied.
- Large amounts of rubbish, some containing asbestos, is beginning to appear on streets in affected areas in Tairāwhiti. This poses a health and safety risk to Waka Kotahi staff and contractors.
- Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation. A comprehensive health and public health risk assessment process to inform response and recovery is being developed and coordinated through the National Health Coordination Centre (NHCC).
- Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. The resilience of roads between Auckland and Northland remains a risk with ongoing wet weather conditions. Parts of the network remain vulnerable to slips and flooding and wet weather is deferring planned works. Work took place on SH1 through Dome Valley overnight on Monday 27 February to stabilise a gabion wall on this critical section of SH1; additional work may need to occur today (28 February). Bailey Bridge design is progressing on three bridge sites:
 - SH35 Hikunui No.1, Tairāwhiti – bridge design and construction are complete. Foundations and site works will begin once flood waters recede and are highly weather dependent.
 - Rissington Bridge (local road), Hawke's Bay - bridge design is complete. Foundations and site works will begin once flood waters recede and are highly weather dependent.
 - SH2 Waikare River Bridge, Hawke's Bay – design work is ongoing.
- As at 12:00PM Tuesday 28 February Waka Kotahi reports that aggression towards traffic management contractors continues. This activity presents a health and safety risk to contractors and general road users navigating the network if traffic management is removed from affected sites.
- Some communities within Hawke's Bay and Tairāwhiti are cut off by electricity and communications damage. Most areas should have cell service as many of the previously impacted cell towers have been repaired. Communications such as broadband internet, are still being affected by power outages. Service providers are working to restore services as electricity networks are repaired. At 3:30PM Tuesday 28 February, there were 2,526 customers without power nationally, down by 411 customers.

- As at 12:00PM Tuesday 28 February, 24 schools and 53 Early Learning Services remain closed across Hawke's Bay and Tairāwhiti.
- COVID-19 infections in impacted communities and response staff are increasing. There is an ongoing risk that COVID-19 could continue to spread through impacted communities. There is also a risk of spread among response staff which could impact on the response. There is a risk of spread to other regions as surge response staff move into and out of the impacted regions. The Ministry of Health continues to provide information to the community about minimising the spread of COVID-19. CDEM Groups and other response agencies are using infection prevention and control (IPC) measures, including mask wearing and surveillance screening are in place to help maintain operational continuity in a response setting



NCC ACTIONS

Actions carried out

- NCC Logistics has facilitated the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM on Tuesday 28 February there are 104 surge staff currently deployed to the CDEM Groups today, of which 85 are in Hawke's Bay, and 5 EMAT staff currently deployed.
- The GIS sub-function within NCC Intelligence is developing a national Collection Survey to support all regions in collecting community information.
- The NCC PIM team has been sharing messages about the current weather warnings and watches across NEMA's channels and providing these to media and other agencies. The team is pulling together key support avenues for a 'single source of truth' page on NEMA's website. This will be complimented with some Iwi/Māori content and include a downloadable and printable version to be handed out for those with limited internet access.
- The NEMA NCC National Action Plan 003 (State of National Emergency) is pending issue at 5:00PM on 28 February 2023. This covers the period 5:00PM 28 February to 23:59PM 7 March 2023.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, addressing urgent critical resource/support needs.
- NCC Welfare priorities are building situational awareness and obtaining a clearer on-the-ground picture, particularly of cut off communities who are being contacted by NZDF or Iwi organisations. NCC Welfare are conducting an all of New Zealand fact sheet stock take.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori, to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu is starting to hear from some Māori entities about recovery needs and of reports of further damage and impacts in Māori communities particularly across Hawkes Bay, Wairoa and Tairāwhiti. Key outputs for NCC Kaitohutohu include but are not limited to:
 - Continuing engagement with Ministerial Advisory Committee (MAC) members to determine how their expertise can be best utilised.
 - Developing messaging to support the drafting of response to Rongowhakaata correspondence.
 - Reviewing engagement narrative around handling of potentially hazardous materials during cleanup operations. So includes collaboration with NCC Safety.
 - Planning for NCC Kaitohutohu visit to Hawkes Bay next week.

- NCC Safety have prepared the National Risk Assessment which is now in the review stage and when finalised will be sent to Control for approval.
- NCC Safety are also:
 - Continually updating NCC and Deployed staff guidance on Covid-19 protocols and PPE.
 - Conducting targeted welfare checks, as some staff are now feeling the effects of prolonged fatigue.
 - Working on dynamic guidance for shift management and work schedules.
 - Attending (alongside NCC Planning and the Ministry for the Environment) the National Solid Waste meeting daily and supporting councils with their issues and concerns.
 - Working closely beside NCC Planning and Policy and the Ministry for the Environment in working through a 'National funding mechanism' for the areas in need of financial assistance to conduct the necessary solid waste operations.



MULTI-AGENCY ACTIONS AND RESOURCES

- As at 2:00PM 28 February, 32 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 15 Countries/Economies
 - 17 Individuals/Businesses/Non-Governmental Organisation's (NGO's)
- Over the period Sunday 5 - Wednesday 8 March five personnel from the USA are expected in New Zealand to support different aspects of response and recovery activities.
- Two Royal Australian Air Force and other Australian specialists have been working on the ground with FENZ and NZDF. On 24 February, 33 staff from Fiji arrived:
 - 25 Republic of Fiji Military Forces (RFMF) personal working with NZDF and forward deployed in Hawke's Bay for 28 days
 - 3 Fiji National Fire Authority (NFA) firefighters working with FENZ forward deployed to Hawke's Bay for 2 weeks
 - 5 Fiji National Disaster Management Office (NDMO) staff based in the NCC for 2 weeks
- As of 26 February, FENZ USAR personnel have been demobilized, this includes the Australian USAR support that deployed and the Australian USAR team that has now returned home.
- The National Health Coordination Centre (NHCC) is working alongside Regional and District Emergency Management teams, as well as the National Crisis Management Centre (NCCMC) to support the health response to this event.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. The line received 6,092 calls yesterday (27 February), up 4700 since Sunday 26 February. MSD has begun generating regional specific pamphlets to allow people to understand what support they have access to.
- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) activated on 8 February for the Auckland region. Yesterday (27 February) TAS activated in the other impacted regions: Bay of Plenty, Hawke's Bay, Northland, Gisborne, Waikato and the Tararua District.

- As at 12:00PM Tuesday 28 February MPI made available a 'Livestock Health after prolonged wet conditions and flooding' factsheet that may be useful for rural communities. MPI information including factsheets and funding applications are available at <https://www.mpi.govt.nz/funding-rural-support/adverse-events/cyclone-gabrielle-recovery-advice-support-and-funding-available/>.
- As of 2:00PM Tuesday 28 February, NZDF has approximately 500 personnel and three helicopters involved in response activities.
- Red Cross NZ is working with the NCC and CDEM Groups to understand where they can provide support to the response in impacted areas going forward. Red Cross will continue to discuss emerging needs as NEMA and CDEM begin the transition to recovery.
- Fire and Emergency New Zealand (FENZ) has aircraft operating in the Tairāwhiti and Hawke's Bay regions and is using these for air resupplies to rural and cut off communities.
- Te Whatu Ora put out a communication on 26 February in relation to General Practitioner (GP) care, medication, and health support for those displaced as a result of the cyclone across all regions to address concerns that the previous messaging was not consistent.
- The New Zealand Insurance Council report over 70,000 claims have been received related to the severe weather events (as of Saturday 25 February) and this number will continue to rise over coming weeks (for reference, the Kaikōura earthquake resulted in approximately 40,000 claims).



RECOVERY

- High level overview of group recovery governance structures provided to Policy to inform advice on national transition to Minister in the coming days.
- NCC Recovery attended Wairarapa Recovery meeting at 1600hrs.
- NCC Recovery and Planning collaborating on an initial recovery action plan
- Growing pressure to provide national-level recovery resources to Wairoa.
- NEMA Recovery developing a list of recovery practitioners to facilitate completion of resource requests and future staffing requirements

KEY REGIONAL UPDATES



NORTHLAND

Activation Status	CDEM Group ECC and EOCs are not activated.
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AFFECTED COMMUNITIES

- All CDCs in the Northland region have been closed.

- A Starlink phone is being sourced for Purua School, who are currently without communications. Thirty generators are being delivered to Kaikohe yesterday (27 February) for isolated communities that the Far North District Council had identified.
- Building assessments as of 10:13AM 28 February: 39 red, 54 yellow, and 60 white placards.
- There is a Welfare Recovery Transition Strategy in development. Also, Iwi representatives have switched to the recovery phase.

CRITICAL INFRASTRUCTURE

- Transpower has identified a significant slip impacting two towers. Advice from engineers is that these towers need to be relocated to bypass the impacted area. Work is underway to address this by shifting the circuits to an alternate structure, allowing more time for a permanent solution to be identified.
- SH1 remains closed at Brynderwyn with anticipated remediation being completed by late March. Controlled access with conditions is anticipated before this.
- As at 3:30PM Tuesday 28 February there are 69 customers without power across the Northland regions.

AUCKLAND

Activation Status

CDEM Group ECC activated.

AFFECTED COMMUNITIES

- As at 2:00PM Tuesday 28 February there is one CDC, three community support hubs and eight community led centres open across the Auckland region. 17 people were staying overnight last night at Te Pae o Kura CDC.
- Karekare is cut off due to land instability. Welfare staff and agencies were in Karekare Monday 27 February. Significant needs were identified, including public health and wastewater sanitation, trauma and mental health support, improved communication on roading and infrastructure and financial assistance. Other previously isolated communities on the west coast and western area of the Auckland region are no longer fully isolated. Auckland Emergency Management are focusing on providing tailored support for severely affected communities.
- Red Cross, Auckland Emergency Management and Response staff will continue to provide ongoing practical and psychosocial support for ten isolated communities, including Piha and Muriwai.
- In the Rodney District (Muriwai North) there is a large amount of deep-seated reactivated landsliding, mainly damaging infrastructure, agricultural and horticultural land. Slips are presenting access issues for emergency and response agencies. Community hui are being planned for Muriwai and Piha.
- As of Saturday 25 February, 961 households in Auckland have registered with Temporary Accommodation Service (TAS) and of those 773 are being housed. TAS has existing accommodation availability and are confident they can assist people into accommodation if an urgent need reveals itself. On this basis, AEM is preparing to close the Te Pae o Kura CDC by the close of business 28 February.
- Building assessments as at 10:13AM 28 February: 581 (up 3) red placards, 2,253 (up 18) yellow placards and 4,131 (up 18) white placards (for both January and February weather events).

CRITICAL INFRASTRUCTURE



- As at 3:30PM Tuesday 28 February 36 customers remain without power.
- There are a number of local roads closed across the region and restrictions in some places for residents and foot traffic only.
- Water infrastructure in Muriwai has been impacted by the landslides. The water treatment plant remains offline, and the water storage reservoir is now empty. A tanker is providing emergency water to customers and is located at Sand Dunz Cafe. Community water sites can also be found in Waitākere at Waitākere Hall and Piha at Piha Domain Motor Camp.

WAIKATO

Activation Status

CDEM Group ECC activated. Thames Coromandel EOC and Waikato District EOC activated.

- As of Tuesday 28 February, the group ECC is reporting by exception only.

AFFECTED COMMUNITIES

- There are 20 people displaced or isolated in the Waikato District and 13 in the Thames Coromandel District. There are currently eight people that will require long term support from TAS in the Thames Coromandel District.
- Building assessments as of 10:13AM 28 February: 20 red, 36 yellow, 37 white placards.

CRITICAL INFRASTRUCTURE

- SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel time.
- SH25 from Coromandel to Whitianga is closed due to multiple slips. Contractors will be responding to maintain access around the peninsula.

HAWKE'S BAY

Activation Status

CDEM Group ECC activated. All EOCs activated.

AFFECTED COMMUNITIES

- The Hawkes Bay 0800 Welfare Helpline went live on Tuesday 28 February and was reported in the media. It is anticipated that there is going to be an unprecedented workload for this service.
- Hawkes Bay ECC iwi liaison is now operating at five team members, with a mix of iwi and government support.
- Applications are open for the Hawkes Bay Disaster Relief Fund to those impacted by Cyclone Gabrielle. The fund offers a maximum of \$1,000 per property or \$2,000 organisation as one-off grants.
- Cut off remote communities continue to be a top priority with efforts being made to gain access to the remaining communities who have not been reached. Contact has now been made with all cut

off communities. In the Hastings District, 10 communities remain accessible by air supply, specialist vehicle or 4x4 vehicle only.

- On Sunday 26 February a multi-disciplinary needs assessment team visited the isolated communities of Tūtira, Waikoau, Te Haroto, Rissington and Patoka. Further cut off communities were to be visited [yesterday \(27 February\)](#). Key needs identified were food, fuel, and health support and all areas were concerned about support to their incomes. A plan to conduct resupply and further engagement with these communities (including with a health and wellbeing team) is planned for Wednesday 1 March.
- As at [11:30AM 28 February](#) approximately 214 people stayed overnight in CDCs and CLCs in Napier, Hastings and Wairoa. [Nine CDC's/CLC's remain open](#).
- Building assessment as of [10:13AM 28 February](#): [85 red, 1,029 yellow, and 379 white placards](#).
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials and sanitary items, generators and fuel. Iwi continues to lead the operation, in partnership with CDEM and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land.
- MPI are working on distributing supplies to rural areas including essential resources for fencing, fuel, and generators. They are working closely with the Regional Distribution Centre.
- A Papakāinga Programme has been activated and will complete a needs assessment with marae that have yet to be contacted.
- A Hāpori Ora (Healthy Communities) plan was activated in collaboration with Te Whatu Ora focusing on Tutira, Te Haroto, Rissington and Waikoau communities.
- It has been reported that households in Wairoa are still staying in properties that have had a yellow placard issued. This appears to be driven by a lack of available alternative accommodation combined with fears of looting. Consequently, this poses a major public health risk for the Wairoa community.

CRITICAL INFRASTRUCTURE

- There is significant damage to several state highways in the region (and extending into Tairāwhiti). [In the early hours of Tuesday 28 February SH5 became unpassable after a washout near Glengarry Road, Eland. The Taupo to Napier route is closed and Te PoiPoi access is compromised.](#) As at [11:30AM 28 February](#) seven roads remain closed. Many of these require repairs which could take weeks to months before full public access is available. While these roads are closed, some communities will remain isolated. A full overview is available on the Waka Kotahi website <https://nzta.govt.nz/traffic-and-travel-information/cyclone-gabrielle-state-highway-access/>
- Rail lines in and out of Hawke's Bay are closed due to significant damage. KiwiRail is aiming to open the line between Woodville and Hastings in the next 3-4 weeks. The line between Hastings and Napier is expected to take months to reopen.
- As at [3:30PM 28 February](#) there were [2,293](#) customers without power in Hawke's Bay. Region is at [96.92%](#) restored. [Power was restored to most of Glengarry on Monday 27 February, using a generator. On Tuesday 28 February, an inspection and repair of the Patoka substation and the distribution network it supplies was completed.](#)
- The Rissington community have been supplied with a generator to supply 400 homes, however fuel requirements are up to 4000L per day. Unison (the local electrical distributor) and NEMA have been working together to assess options for safely delivering fuel to the site. [Pipe bridge at Rissington underwater and requires assessing.](#)
- Hastings Hospital status is Red. This is mainly due to not being able to discharge patients who cannot self-care at home. They are looking to get paramedics on welfare flights to have medical care delivered in the community rather than people coming into the hospitals. The Hawke's Bay

Emergency Department status is Yellow and private hospitals are providing some capacity. Private hospitals are operating at near normal levels.

- Napier City Council has commissioned a water contamination risk assessment study focusing on the Awatoto area. As at 11:27AM Tuesday 28 February a NZDF Risk Assessment has advised that further access to the Awatoto area is stopped until a further assessment is conducted. Efforts should be made to maintain awareness of contaminated sites.
- The wastewater treatment plant in Napier remains offline. It is flooded with no 4WD access. Portalooos have been placed in Otane and Waipukurau.
- The Waipukurau wastewater treatment pump failed causing significant risk to the wastewater treatment scheme and risk of surcharge back into the network during rain events. Alternate systems are being investigated and implemented.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- As at 7:45AM the following communities were accessed by air: Te Puia springs, Horoera, Tokomaru Bay and Ruatoria. The focus was to connect with and resupply local health providers.
- Tairāwhiti CDEM reported that a large number of people were evacuated or self-evacuated from Mangapapa in the early hours of Tuesday 28 February due to surface flooding and rising water levels.
- On Saturday 25 February, the Mangahauini River debris dam was assessed to have sufficient spillover, reducing the risk of failure to an acceptable level. A full assessment by GNS Science and an engineer will be conducted this week.
- The CDEM Group is working to make contact with all cut off communities and are determining needs and access. The Welfare Coordination Group is working to ensure that the needs of all cut off communities are assessed.
- MPI Animal Welfare Emergency Management are working with the CDEM Group to explore options and prioritise pet food supplies to cut off communities north of Tolaga Bay. MPI continues to respond to animal welfare support requests received via the CDEM Group and will continue to provide advice and support where required.
- All CDCs have closed. However, there are 24 families in emergency accommodation with families coming to the end of support from whanau and needing further accommodation while their homes are sorted out.
- Building assessments as of 8:30AM 28 February: 11 red, 170 yellow. The Council advise that requests for assessments are decreasing.

CRITICAL INFRASTRUCTURE

- An Inspection Team is expected at Tokomaru Bay Dam on Thursday 2 March.
- As at 3:30PM Tuesday 28 February there remains 104 consumers without access to power. Restoration of power to cut off communities is being worked on and generators are being supplied where possible.
- Telecommunications is steadily improving with Chorus making a temporary fix to the fibre north of Gisborne enabling full services, calls, texting and data on mobile to be available to 80% of Wairoa

and central Gisborne. Ten Starlink units have been deployed to the region, sourced from Buller District Council and 9(2)(a)

- As at 3:40PM Tuesday 28 February SH2 between Gisborne and Wairoa was reopened. Despite a slip and subsequent road closure early on Tuesday 28 February SH2 Ōpōtiki to Gisborne is now open with no time restrictions, maintaining access to Gisborne. The prospect of installing a Bailey bridge at Hikuwai is being assessed by engineers. If it is confirmed, installation would not likely be completed until late April. SH35 between Te Puia Springs and Tolaga Bay has sustained major damage and it likely to take several months to repair before being open to the public. This significantly limits the mobility of those communities in the area.

TARARUA

Activation Status	Tararua District Council EOC activated .
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AFFECTED COMMUNITIES

- Building assessments as of 3:00PM 28 February: 3 red, 15 yellow, and 11 white placards.
- Emerging issues are being associated with silt and waste management across affected regions and the shortage of accommodation for those needing to move from their homes.
- Initial aerial reconnaissance indicates that the damage in the Tararua area to roading and lifelines utilities is significant, and some rural communities are cut off. Airdrops continue to provide welfare and make contact with residents to these communities.
- Rural support is being given to farmers in Tararua by the Rural Support Trust, and Federated Farmers. There are reports of stock loss, flooded farmland and access issues for milk collection.

CRITICAL INFRASTRUCTURE

- Contractors and structural engineers are carrying out assessments on bridges within the Pohangina Valley in the Manawatu District. Application to Waka Kotahi for expedited funding to replace Churchill Road bridge is being prepared. Estimated three months before the Konewa Bridge is replaced with a temporary crossing.
- Dannevirke Wastewater Treatment Plant is now becoming overloaded. Communications have been pushed out to the Dannevirke Community to start conserving water to minimise the amount of water that needs to be processed by the Dannevirke Wastewater Treatment Plant. Boil water notices have been lifted for Pongaroa and Ākito.



PUBLIC INFORMATION

Public information is being led by local Emergency Management. You can access the latest messaging here:

Northland: <https://www.facebook.com/civildefencenorthland/>

Auckland: <https://www.aucklandemergencymanagement.org.nz/major-incident/flooding-2023>

Coromandel: <https://www.facebook.com/ThamesCoromandelDistrictCouncil/>

Waikato: <https://www.waikatoregioncdema.govt.nz/>

Bay of Plenty: <https://www.bopcivildefence.govt.nz/>

Tairāwhiti: <https://www.gdc.govt.nz/services/civil-defence>

Hawke's Bay: <https://www.hbemergency.govt.nz/>

Tararua District Council: <https://www.tararuaadc.govt.nz/services/emergency-management/updates>

Talking points

Weather messages

- While the most recent severe weather appears to have passed, keep up to date with MetService's latest weather warnings and watches, and follow your local Civil Defence Emergency Management group on their social channels for local updates.
- This latest severe weather has been another blow for communities already struggling after Cyclone Gabrielle. Our thoughts are with you. The Government will continue to support you.
- Monetary donations are the single most helpful thing kiwis can do right now. The donation of physical goods, whilst extremely generous and well intentioned, is not the most effective way to help right at this minute. Monetary donations enable support organisations to provide exactly what is needed to those most affected.
- There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- A State of National Emergency is still in place for Auckland, Northland, Waikato, Tairāwhiti, Hawke's Bay and Tararua District. It was declared on 14 February, extended on 21 February and was extended again on 28 February.
- As confidence grows that some areas are ready to transition to recovery, the states of national emergency may be amended to reflect this before the end of this extension period.
- The Bay of Plenty was part of the State of National Emergency first declared on 14 February, and extended on 21 February, but is now able to manage its recovery within its 'business as usual' council operations. It has therefore not been included in today's state of national emergency extension. This means that for the Bay of Plenty, the state of national emergency will expire at 8:43 am on Tuesday 28 February.
- Cyclone Gabrielle has resulted in widespread damage and impacts across many regions and districts in Aotearoa New Zealand. The scale and complexity differ across these districts and regions and therefore the timing for when they transition into recovery will likely be different.
- It is up to each region, working with the National Emergency Management Agency, to determine when they are ready to move into a recovery phase. This decision must be based on the needs of their communities and the ongoing impacts they are managing.
- The biggest factor in determining whether an area should move into a recovery phase is the stability of that community. That includes access, the supply chain of food and goods being re-established, the supply of power and water, and ensuring everyone has a safe place to sleep at night.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. A National declaration is a partnership between central government and local authorities. It allows the Government, through NEMA, to support the affected regions.
- The National declaration only applies to the parts of New Zealand that have been severely affected by Cyclone Gabrielle.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible.
- Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Floodwater can carry bacteria that can contaminate food. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities.
- Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high.
- In power outages use torches instead of candles, and only use camp cookers and BBQs outdoors.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Before you dig website and beforeudig.co.nz for all utilities.
- Keep up to date with MetService's Severe Weather Warnings and your local Civil Defence Emergency Management group.
- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- Floods and flash floods can happen quickly. If you see rising water, do not wait for official warnings. Head for higher ground and stay away from floodwater.
- As at 8:00AM Tuesday 28 February Version 6 of all the of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages. <https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1615 hours on 1 March 2023



Please send Agency updates and products to 9(2)(a) [redacted] and 9(2)(a) [redacted] for inclusion in NCC Intelligence Products.

Proactively released



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 034

ISSUED AT 16:15 HOURS ON 1 MARCH 2023

Event name:	Declaration status:										
North Island Severe Weather Event January 2023	State of National Emergency covering Northland Auckland Waikato Tairāwhiti Hawke's Bay Tararua District										
Activation status:	Time declared:										
Mode 4 Lead/Direct	State of National Emergency Northland, Auckland, Waikato, Tairāwhiti and Hawke's Bay: 8:43AM 14 February 2023 – 8:43AM 7 March 2023 Tararua District: 1.17PM 14 February 2023 – 1:17PM 7 March 2023										
Contact:	NEMA NCC Incident Classification:										
Email: 9(2)(a) Phone: 9(2)(a)	Note: This is NEMA's incident classification. <table border="1" style="margin-left: auto; margin-right: auto;"><tr><td style="width: 50px; height: 50px;"></td><td style="text-align: center;">↑ S ↓</td></tr></table> <table border="1" style="margin-left: auto; margin-right: auto;"><tr><td style="width: 50px;">N1</td><td>A minor national level response</td></tr><tr><td>N2</td><td>A moderate national level response</td></tr><tr><td>N3</td><td>A major national level response</td></tr><tr><td>N4</td><td>A severe national level response</td></tr></table>		↑ S ↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
	↑ S ↓										
N1	A minor national level response										
N2	A moderate national level response										
N3	A major national level response										
N4	A severe national level response										

Updated information is in *blue text* (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua. The State of National Emergency declared on 14 February 2023 was extended on Tuesday 21 February for another seven days and then again on Tuesday 28 February for a further seven days. From 28 February, the State of National Emergency no longer applies to Bay of Plenty.
- As at 12:00PM Wednesday 1 March the number of fatalities remains at 11 as a result of Cyclone Gabrielle, nine of whom are from Eastern District and two from Muriwai in Auckland West.
- The number of uncontactable people in the Gisborne and Hawke's Bay regions is two as at 1:00PM Wednesday 1 March.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As at Tuesday 28 February \$55.433 million (up \$1.819 million) of Ministry of Social Development Civil Defence Grants have been paid to 100,203 people (up 2,487). Yesterday \$1.8 million was paid to 3,528 people.
- On Sunday 26 February the Government announced details of the \$25 million business support package for impacted businesses in the seven regions impacted by Cyclone Gabrielle and the January floods. The main focus of the support will help firms maintain cashflow and position them for a successful recovery. Local organisations will distribute grants in affected regions. Farmers, growers, and whenua Māori owners can access a separate \$25 million primary sector support fund. Updated information is available at <https://www.business.govt.nz/cyclone-recovery>
- On Wednesday 1 March the Prime Minister, accompanied by the Cyclone Recovery Taskforce Chair and acting-Director Emergency Management, visited a horticulture site in the Hawkes Bay to attend a MPI meeting with local growers and orchardists and to meet rescue and response helicopter crews.

Weather

- As of 8:00AM Wednesday 1 March, no severe weather is expected over the North Island for the next couple of days.
- For Tairāwhiti and Hawkes Bay, showers are expected today, clearing this evening, with some showers on Friday and Saturday. Remaining areas of the North Island are mostly dry apart from a few showers.
- There is a risk of isolated thunderstorms about the upper South Island and central and lower North Island over the weekend.
- Tropical Cyclone Judy currently lies southeast of Vanuatu and is expected to move south today. Forecast models suggest the cyclone will pass northeast of the North Island later this week. There is a risk of a second tropical cyclone formation in the Coral Sea this week, which may follow similar path to Tropical Cyclone Judy, but there is still some uncertainty with the modelling.

Key Risks and Issues

- There continues to be a lack of compliance with temporary traffic management on closed and restricted roads in communities. This presents a safety risk to the public, contractors and emergency responders. Agencies should continue to advise the public to adhere to safety messaging and instructions.
- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the thousands of displaced people in Hawke's Bay and Tairāwhiti in particular.
- Silt and waste removal and clean-up will continue to become a significant issue once building assessments are complete. This could put significant strain on waste removal contractors and waste storage facilities. The NCC Planning function is continuing to work with the Ministry for the Environment and impacted Councils to develop a clean-up plan for silt and flood inundated properties. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in Solid Waste Management. [Rapid preliminary health and safety advice on clearing silt and contaminated waste has been prepared as a 'single source of truth', with the intent of preparing more substantive guidance.](#)
- [There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is a multi-agency analysis occurring which could determine the level of contamination in specific areas.](#) Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation. A comprehensive health and public health risk assessment process to inform response and recovery is being developed and coordinated through the National Health Coordination Centre (NHCC).
- [Increasing community and industry interest on expected timeframes for the opening of roads in Hawke's Bay and Tairāwhiti is being observed by Waka Kotahi. Waka Kotahi will send clear communications to the public and industry on expected timeframes for reopening.](#) Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. The resilience of roads between Auckland and Northland remains a risk with ongoing wet weather conditions.
- [Waka Kotahi and affected councils have provided increased clarity on sites that may require Bailey Bridges. Based on current information it is believed seven to ten Bailey Bridges are required. Work is underway to ensure sites with no alternative road transport access are prioritised. Waka Kotahi, council partners, and contacted suppliers should have the necessary resources to meet these needs. The fragility of road networks is currently a concern.](#) Bailey Bridge design is progressing on three bridge sites:
 - SH35 Hikunui No.1, Tairāwhiti – bridge design and construction are complete. Foundations and site works will begin once flood waters recede and are highly weather dependent.
 - Rissington Bridge (local road), Hawke's Bay - bridge design is complete. Foundations and site works will begin once flood waters recede and are highly weather dependent.
 - SH2 Waikare River Bridge, Hawke's Bay – design work is ongoing.
- Some communities within Hawke's Bay and Tairāwhiti are isolated by damage to electricity and communications infrastructure. Communication technologies such as broadband internet, are still being affected by power outages. Service providers are working to restore services as electricity networks are repaired. At [9:21AM Wednesday 1 March](#) there were [2,463](#) customers without power nationally, down by [63](#) customers.
- [As at 12:00PM Wednesday 1 March](#) there are [6](#) schools and [49](#) early learning services closed across Hawke's Bay and Tairāwhiti.
- [At Hawke's Bay Hospital](#) there are [18](#) COVID-19 inpatients. In the Hawke's Bay region there is [1](#) confirmed case of Leptospirosis and [24](#) probable cases. There is also [1](#) confirmed case of Norovirus and [1](#) probable case.



NCC ACTIONS

Actions carried out

- NCC Logistics has facilitated the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM on 1 March there are 101 surge staff currently deployed to the CDEM Groups, of which 89 are in Hawke's Bay, 10 in Auckland and 5 EMAT staff currently deployed.
- The GIS sub-function within NCC Intelligence is developing a national Collection Survey to support all regions in collecting community information.
- The NCC PIM team has been sharing messages about the current weather warnings and watches across NEMA's channels and providing these to media and other agencies. The team is pulling together key support avenues for a 'single source of truth' page on NEMA's website. This will be complimented with some Iwi/Māori content and include a downloadable and printable version to be handed out for those with limited internet access.
- The NEMA NCC National Action Plan 003 (State of National Emergency) was issued at 5:00PM on 28 February 2023. This covers the period 5:00PM 28 February to 23:59PM 7 March 2023.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the daily National Welfare Coordination Meeting and providing support and specialist advice to CDEM Group Welfare Managers where required. NCC Welfare are monitoring the following risks and issues:
 - Monitoring and supporting the needs assessment process in the Hawkes Bay, including demand for the new 0800 phone number. NCC Welfare is working to ensure that there is no confusion between the HB 0800 number and other support lines (such as MSD's 0800 Floodline and Te Whatu Ora's 1737 number).
 - Housing supply is an ongoing issue. NCC Welfare are working with MBIE TAS to get people out of CDCs in Hawkes Bay and Auckland. NCC Welfare expect a high number of families who may need pet-friendly accommodation.
 - As the transition to recovery occurs NCC Welfare will ensure that there is ongoing provision of welfare services to communities that are still either inaccessible by road and/or have limited levels of service for lifeline utilities (water, telecommunications or water).
 - Psychosocial impact on communities during the current cyclone season and working with NCC PIM on messaging.
 - Growing reports of discontent from rural communities. NCC Welfare are working alongside MPI and CDEM to ensure needs are being met, including plugging MPI Logistics into the Hastings Hub to ensure primary sector goods are included with relief supplies.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori, to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu is starting to hear from some Māori entities about recovery needs and of reports of further damage and impacts in Māori communities particularly across Hawkes Bay, Wairoa and Tairāwhiti. Key outputs for NCC Kaitohutohu include but are not limited to:
 - NCC Kaitohutohu and NCC Control met with Tatau Tatau o Te Wairoa (collective of Iwi and hapū in Wairoa region) today, 1 March, and highlighted a number of immediate resourcing and welfare needs. Follow up meetings with NCC Policy, NCC Welfare, NCC Operations and NCC Logistics are being held.

- Continuing engagement with Ministerial Advisory Committee (MAC) members to determine how their expertise can be best utilised.
- Developing messaging to support the drafting of response to Rongowhakaata correspondence. There is agreement from Te Arawhiti that the response to Rongowhakaata will be sent from the Minister for Emergency Management and on behalf of his colleagues.
- Provided feedback to NCC Safety regarding the review engagement narrative re: the solid waste, flood contaminated waste and contaminated soil/silt risk assessment.
- Reviewing engagement around the handling of potentially hazardous materials during cleanup operations. So includes collaboration with NCC Safety.
- Planning for NCC Kaitohutohu visit to Hawkes Bay this week.
- NCC Safety have prepared the National Risk Assessment which is now in the review stage and when finalised will be sent to Control for approval. On Wednesday 1 March NCC Safety released the Preliminary Guidance – Contaminated Soil/Silt & Flood Contaminated Waste document.
- NCC Safety are also:
 - Continually updating NCC and Deployed staff guidance on Covid-19 protocols and PPE.
 - Conducting targeted welfare checks, as some staff are now feeling the effects of prolonged fatigue.
 - Working on dynamic guidance for shift management and work schedules.
 - Attending (alongside NCC Planning and the Ministry for the Environment) the National Solid Waste meeting daily and supporting councils with their issues and concerns.
 - Working closely beside NCC Planning and Policy and the Ministry for the Environment in working through a 'National funding mechanism' for the areas in need of financial assistance to conduct the necessary solid waste operations.



MULTI-AGENCY ACTIONS AND RESOURCES

- As at 2:00PM Wednesday 1 March 32 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 15 Countries/Economies
 - 17 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- Over the period Sunday 5 - Wednesday 8 March 15 personnel from the USA are expected in New Zealand to support different aspects of response and recovery activities.
 - Two Royal Australian Air Force and other Australian specialists have been working on the ground with FENZ and NZDF. 33 staff from Fiji are working with NZDF, FENZ and the NCC.
- The National Health Coordination Centre (NHCC) is reviewing the required response team size as we transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; a number of initiatives are in place and underway. A meeting will be held on Thursday, 2 March 2023 with Te Whatu Ora and Te Aka Whai Ora representatives with the aim of discussing and confirming the Hauora Māori approach and workstream.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. The line received 3,528 calls yesterday (28 February).

- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) activated on 8 February for the Auckland region. On Monday 27 February TAS activated in the other impacted regions: Bay of Plenty, Hawke's Bay, Northland, Gisborne, Waikato and the Tararua District. [There has been a significant increase in site visitors to the Temporary Accommodation website peaking at 1937 views on 28 Feb 2023.](#)
- As at 12:00PM Tuesday 28 February MPI made available a '*Livestock Health after prolonged wet conditions and flooding*' factsheet that may be useful for rural communities. MPI information including factsheets and funding applications are available at <https://www.mpi.govt.nz/funding-rural-support/adverse-events/cyclone-gabrielle-recovery-advice-support-and-funding-available/>.
- As of 2:00PM [Wednesday 1 March](#), NZDF has approximately 400 personnel and two helicopters involved in response activities.
- Red Cross NZ is working with the NCC and CDEM Groups to understand where they can provide support to the response in impacted areas going forward. Red Cross will continue to discuss emerging needs as NEMA and CDEM begin the transition to recovery.
- As of 2:00PM [Wednesday 1 March](#) Fire and Emergency New Zealand (FENZ) continues to have aircraft operating in the Tairāwhiti and Hawke's Bay regions and is using these for air resupplies to rural and isolated communities.



RECOVERY

- High level overview of Group recovery governance structures provided to Policy to inform advice on national transition to the Minister.
- [The National Recovery Coordination Group \(NRCG\) met today, Wednesday 1 March.](#)
- NCC Recovery and Planning collaborating on an initial recovery action plan [once the transition occurs.](#)
- NEMA Recovery developing a list of recovery practitioners to facilitate completion of resource requests and future staffing requirements

KEY REGIONAL UPDATES



NORTHLAND

Activation Status	CDEM Group ECC and EOCs are not activated.
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AFFECTED COMMUNITIES

- All CDCs in the Northland region have been closed.
- A Starlink device is being sourced for Purua School, who are currently without communications. Thirty generators are being delivered to Kaikohe on Monday 27 February for isolated communities that the Far North District Council had identified.
- As at 8:30AM Wednesday 1 March the following placards were issued as a result of Building Assessments: 39 red, 54 yellow, and 60 white placards.
- There is a Welfare Recovery Transition Strategy in development. Also, Iwi representatives have switched to the recovery phase.

CRITICAL INFRASTRUCTURE

- Transpower has identified a significant slip impacting two towers. Advice from engineers is that these towers need to be relocated to bypass the impacted area. Transpower has advised this work is proceeding as planned and the bypass is expected to be completed by 15-17 March.
- SH1 at Brynderwyn was opened to northbound vehicles at 8:00AM Wednesday 1 March, excluding over-dimensional loads. Southbound traffic will still be using the detour route via SH12 and SH14.
- As at 3:00PM Wednesday 1 March, 23 customers are without power across the Northland region.

AUCKLAND

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- As at 2:00PM Tuesday 28 February there is one CDC, three community support hubs and eight community led centres open across the Auckland region. 17 people were staying overnight last night at Te Pae o Kura CDC.
- As of Tuesday 28 February, Karekare is isolated due to land instability. Welfare staff and agencies were in Karekare on Monday 27 February. Significant needs were identified, including public health and wastewater sanitation, trauma and mental health support, improved communication on roading and infrastructure and financial assistance. Other previously isolated communities on the west coast and western area of the Auckland region are no longer fully isolated. Auckland Emergency Management are focusing on providing tailored support for severely affected communities.

- Red Cross, Auckland Emergency Management and Response staff will continue to provide ongoing practical and psychosocial support isolated communities, including Piha and Muriwai.
- In the Rodney District (Muriwai North) there is a large amount of deep-seated reactivated landsliding, mainly damaging infrastructure, agricultural and horticultural land. Slips are presenting access issues for emergency and response agencies. Community hui are being planned for Muriwai and Piha.
- As of Tuesday 28 February, 827 households in Auckland have registered with Temporary Accommodation Service (TAS) and of those all are being housed.
- As at 8:30AM Wednesday 1 March the following placards were issued as a result of Building Assessments: 581 red placards, 2,262 (up 9) yellow placards and 4,137 (up 6) white placards (for both January and February weather events).

CRITICAL INFRASTRUCTURE

- As at 9:20AM Wednesday 1 March, 31 customers remain without power.
- There are a number of local roads closed across the region and restrictions in some places for residents and foot traffic only.
- Water infrastructure in Muriwai has been impacted by the landslides. The water treatment plant remains offline, and the water storage reservoir is now empty. A tanker is providing emergency water to customers and is located at Sand Dunz Cafe. Community water sites can also be found in Waitākere at Waitākere Hall and Piha at Piha Domain Motor Camp.

WAIKATO

Activation Status

CDEM Group ECC activated. Thames Coromandel EOC and Waikato District EOC activated.

AFFECTED COMMUNITIES

- There are 20 people displaced or isolated in the Waikato District and 13 in the Thames Coromandel District. There are currently eight people that will require long term support from TAS in the Thames Coromandel District.
- Building assessments as of 8:30AM Wednesday 1 March: 20 red, 36 yellow, 47 white placards.

CRITICAL INFRASTRUCTURE

- SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel time.
- SH25 from Coromandel to Whitianga, which had been closed due to multiple slips, is now open for all vehicles.
- SH23 remains closed between Raglan and Whatawhata. Work is progressing on a temporary diversion road, scheduled to open at 1200hrs Saturday 4 March.

HAWKE'S BAY

Activation Status

CDEM Group ECC activated. All EOCs activated.

AFFECTED COMMUNITIES

- Hawkes Bay CDEM released Action Plan 13 covering the operational period 6:00PM Tuesday 28 February through to 6:PM Wednesday 1 March.
- As at 12:00PM Wednesday 1 March isolated communities accessible by air include; Whanawhana, Moteo, Patoka, Puketiri, Te Pohue, Te Haroto, Waikoau, Tangoio, Tutira, Mokara, Putorino, Waitaha Station, Marumaru.
- As at 12:00PM Wednesday 1 March isolated communities accessible by land include; Waiohiki, Puketapu, Rissington, Eskdale, Mohaka.
- The Hawkes Bay 0800 Welfare Helpline went live on Tuesday 28 February.
- Hawkes Bay ECC iwi liaison is now operating with a mix of iwi and government support.
- Applications are open for the Hawkes Bay Disaster Relief Fund to those impacted by Cyclone Gabrielle. The fund offers a maximum of \$1,000 per property or \$2,000 organisation as one-off grants.
- Isolated remote communities continue to be a top priority with efforts being made to gain access to the remaining communities who have not been reached. Contact has now been made with all isolated communities. There has been a good response from communities regarding health professionals and supplies being delivered to isolated communities. There are plans in place to continue visiting isolated communities and providing them with supplies. Te Wahtu Ora will be visiting three communities on Thursday 2 March.
- As at 12:00PM Wednesday 1 March approximately 214 people stayed overnight in CDCs and CLCs in Napier, Hastings and Wairoa. Seven CDC's/CLC's remain open, down from nine in the last reporting period.
- As at 8:30AM Wednesday 1 March the following placards were issued as a result of Building Assessments: 86 red (up 1), 1,030 yellow (up 1), and 379 white placards.
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials and sanitary items, generators and fuel. Iwi continues to lead the operation, in partnership with CDEM and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land.
- MPI are working on distributing supplies to rural areas including essential resources for fencing, fuel, and generators. They are working closely with the Regional Distribution Centre.
- A Papakāinga Programme has been activated and will complete a needs assessment with marae that have yet to be contacted.
- A Hāpori Ora (Healthy Communities) plan was activated in collaboration with Te Whatu Ora focusing on Tutira, Te Haroto, Rissington and Waikoau communities.
- It has been reported that households in Wairoa are still staying in properties that have had a yellow placard issued. This appears to be driven by a lack of available alternative accommodation combined with fears of looting. Consequently, this poses a major public health risk for the Wairoa community.

CRITICAL INFRASTRUCTURE

- Hawke's Bay Regional Hospital is at status red and will continue to require support from external sources as cyclone impacted staff take leave. Wairoa Hospital is at status green.

- There is significant damage to several state highways in the region (and extending into Tairāwhiti). In the early hours of Tuesday 28 February SH5 became unpassable after a washout near Glengarry Road, Eland. Waka Kotahi are assessing however expect they this road to be closed for a prolonged period. The Taupo to Napier route is closed and Te PoiPoi access is compromised. As at 12:00PM Wednesday 1 March seven roads remain closed. Many of these require repairs which could take weeks to months before full public access is available. While these roads are closed, some communities will remain isolated. A full overview is available on the Waka Kotahi website <https://nzta.govt.nz/traffic-and-travel-information/cyclone-gabrielle-state-highway-access/>
- Rail lines in and out of Hawke's Bay are closed due to significant damage. KiwiRail is aiming to open the line between Woodville and Hastings in the next 3-4 weeks. The line between Hastings and Napier is expected to take months to reopen.
- As at 12:00PM Wednesday 1 March there were 2,272 customers without power in Hawke's Bay. Region is at 96.92% restored. Patoka substation has been repaired and is now operational. Unison is working to restore power to Hendley and Rissington using a generator. Whirinaki power station restoration works proceeding well and expected to be complete well ahead of mill requirements.
- As at 12:00PM Wednesday 1 March Hawke's Bay Regional Council has put a hard cordon in place around the Awatoto industrial area as a large number of hazards and contaminants have been identified.
- The wastewater treatment plant in Napier remains offline. It is flooded with no 4WD access. Portaloos have been placed in Otane and Waipukurau.

TAIRĀWHITI

Activation Status

CDEM Group ECC activated.

AFFECTED COMMUNITIES

- As at 12:00PM Wednesday 1 March GNS has assessed the Mangahauini debris dam in Tokomaru Bay and water is now flowing around the dam. The risk has to properties has reduced and residents have returned home.
- Moderate sized businesses such as bars, hairdressers, cafes, and restaurants are now able to open provided they have water reduction strategies in place.
- As at 7:45AM Tuesday 28 February the following communities were accessed by air: Te Puia springs, Horoera, Tokomaru Bay and Ruatoria. The focus was to connect with and resupply local health providers.
- The CDEM Group is working to make contact with all isolated communities and are determining needs and access. The Welfare Coordination Group is working to ensure that the needs of all isolated communities are assessed.
- Overnight on Tuesday 28 February there were 25 families in emergency accommodation.
- As at 8:30AM Wednesday 1 March the following placards were issued as a result of Building Assessments: 11 red, 170 yellow. The Council advise that requests for assessments are decreasing.

CRITICAL INFRASTRUCTURE

- An Inspection Team is expected at Tokomaru Bay Dam on Thursday 2 March.
- As at 3:00PM Wednesday 1 March there remains 75 consumers without access to power.

- Telecommunications is steadily improving with Chorus making a temporary fix to the fibre north of Gisborne enabling full services, calls, texting and data on mobile to be available to 80% of Wairoa and central Gisborne. Ten Starlink units have been deployed to the region, sourced from Buller District Council and 9(2)(a)
- As at 1:41PM Wednesday 1 March due to a major slip SH2 between Opotiki and Gisborne SH2 is closed at Puha/Whatatutu intersection - between Fitzgerald and Hirihiriroa. Police are working to turn around light vehicles; trucks are not able to turn around at this time. It is estimated that this will take approximately 2 hours to clear.
- The prospect of installing a Bailey Bridge at Hikuwai is being assessed by engineers. If it is confirmed, installation would not likely be completed until late April. SH35 between Te Puia Springs and Tolaga Bay has sustained major damage and it likely to take several months to repair before being open to the public. This significantly limits the mobility of those communities in the area.
- An application for resource consent has been submitted to the Gisborne District Council for community-led plans to construct a bypass road on private land for public use while Waka Kotahi constructs the Hikuwai Bailey Bridge. The initiative has wide-ranging community support. Work is ongoing to determine the level of support Waka Kotahi would be able to provide towards construction of this access road.

TARARUA

Activation Status	Tararua District Council EOC activated.
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AFFECTED COMMUNITIES

- As at 3:00PM Wednesday 1 March supplies and a fuel container delivery was completed to Sugarloaf Road/Akitio/Coast Road.
- As at 3:00PM Wednesday 1 March the following placards were issued as a result of Building Assessments: 3 red, 15 yellow, and 11 white placards.
- Emerging issues are being associated with silt and waste management across affected regions and the shortage of accommodation for those needing to move from their homes.
- Initial aerial reconnaissance indicates that the damage in the Tararua area to roading and lifelines utilities is significant, and some rural communities are isolated. Airdrops continue to provide welfare and make contact with residents to these communities.
- Rural support is being given to farmers in Tararua by the Rural Support Trust, and Federated Farmers. There are reports of stock loss, flooded farmland and access issues for milk collection.

CRITICAL INFRASTRUCTURE

- Contractors and structural engineers are carrying out assessments on bridges within the Pohangina Valley in the Manawatu District. Application to Waka Kotahi for expedited funding to replace Churchill Road bridge is being prepared. Estimated three months before the Konewa Bridge is replaced with a temporary crossing.
- Dannevirke Wastewater Treatment Plant is becoming overloaded. Communications have been pushed out to the Dannevirke Community to conserve water to minimise the amount of water that needs to be processed by the Dannevirke Wastewater Treatment Plant.



PUBLIC INFORMATION

Public information is being led by local Emergency Management. You can access the latest messaging here:

Northland: <https://www.facebook.com/civildefencenorthland/>

Auckland: <https://www.aucklandemergencymanagement.org.nz/major-incident/flooding-2023>

Coromandel: <https://www.facebook.com/ThamesCoromandelDistrictCouncil/>

Waikato: <https://www.waikatoregioncdemg.govt.nz/>

Bay of Plenty: <https://www.bopcivildefence.govt.nz/>

Tairāwhiti: <https://www.gdc.govt.nz/services/civil-defence>

Hawke's Bay: <https://www.hbemergency.govt.nz/>

Tararua District Council: <https://www.tararuadc.govt.nz/services/emergency-management/updates>

Talking points

Weather messages

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. The donation of physical goods, whilst extremely generous and well intentioned, is not the most effective way to help right at this minute. Monetary donations enable support organisations to provide exactly what is needed to those most affected.
- There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- A State of National Emergency is still in place for Auckland, Northland, Waikato, Tairāwhiti, Hawke's Bay and Tararua District. It was declared on 14 February, extended on 21 February and was extended again on 28 February.
- As confidence grows that some areas are ready to transition to recovery, the states of national emergency may be amended to reflect this before the end of this extension period.
- The Bay of Plenty was part of the State of National Emergency first declared on 14 February, and extended on 21 February, but is now able to manage its recovery within its 'business as usual' council operations. It has therefore not been included in today's state of national emergency extension. This means that for the Bay of Plenty, the state of national emergency expired at 8:43 am on Tuesday 28 February.
- Cyclone Gabrielle has resulted in widespread damage and impacts across many regions and districts in Aotearoa New Zealand. The scale and complexity differ across these districts and regions and therefore the timing for when they transition into recovery will likely be different.
- It is up to each region, working with the National Emergency Management Agency, to determine when they are ready to move into a recovery phase. This decision must be based on the needs of their communities and the ongoing impacts they are managing.
- The biggest factor in determining whether an area should move into a recovery phase is the stability of that community. That includes access, the supply chain of food and goods being re-

established, the supply of power and water, and ensuring everyone has a safe place to sleep at night.

- This is only the third time in New Zealand's history that a State of National Emergency has been declared. A National declaration is a partnership between central government and local authorities. It allows the Government, through NEMA, to support the affected regions.
- The National declaration only applies to the parts of New Zealand that have been severely affected by Cyclone Gabrielle.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible.
- Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Floodwater can carry bacteria that can contaminate food. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities.
- [When cleaning up silt use normal low-pressure hoses and brooms to push wet material without making it airborne.](#)
- Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high.
- [Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.](#)
- In power outages use torches instead of candles, and only use camp cookers and BBQs outdoors.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Before you dig website and beforeudig.co.nz for all utilities.
- Keep up to date with MetService's Severe Weather Warnings and your local Civil Defence Emergency Management Group.
- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- Floods and flash floods can happen quickly. If you see rising water, do not wait for official warnings. Head for higher ground and stay away from floodwater.
- [As at 8:00AM Wednesday 1 March Version 6](#) of the all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages. <https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>



ADDITIONAL INFORMATION



For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1700 hours on 2 March 2023

Please send Agency updates and products to 9(2)(a) and 9(2)(a) for inclusion in NCC Intelligence Products.

Proactively released



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 035

ISSUED AT 17:00 HOURS ON 2 MARCH 2023

Event name:	Declaration status:												
North Island Severe Weather Event January 2023	State of National Emergency covering Northland Auckland Waikato Tairāwhiti Hawke's Bay Tararua District												
Activation status:	Time declared:												
Mode 4 Lead/Direct	State of National Emergency Northland, Auckland, Waikato, Tairāwhiti and Hawke's Bay: 8:43AM 14 February 2023 – 8:43AM 7 March 2023 Tararua District: 1.17PM 14 February 2023 – 1:17PM 7 March 2023												
Contact:	NEMA NCC Incident Classification:												
Email: 9(2)(a) Phone: 9(2)(a)	Note: This is NEMA's incident classification. <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">↑ S ↓</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td></td> </tr> </table> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑ S ↓	N 4		N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 4													
N1	A minor national level response												
N2	A moderate national level response												
N3	A major national level response												
N4	A severe national level response												

Updated information is in *blue text* (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua. The State of National Emergency declared on 14 February 2023 was extended on Tuesday 21 February for another seven days and then again on Tuesday 28 February for a further seven days. From 28 February, the State of National Emergency no longer applies to Bay of Plenty.
- As at 3:30PM Thursday 2 March the number of fatalities remains at 11 as a result of Cyclone Gabrielle, nine of whom are from Eastern District and two from Muriwai in Auckland West.
- The number of uncontactable people in the Gisborne and Hawke's Bay regions is two as at 3:30PM Thursday 2 March. Additionally, one person is listed as missing, police are investigating the circumstances of this disappearance and today released a statement asking for information.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As at Wednesday 1 March, \$56.583 million (up \$1.15 million) of Ministry of Social Development Civil Defence Grants have been paid to 101,850 people (up 1,647). Yesterday \$1.149 million was paid to 2,454 people.

Weather

- As of 8:00AM Thursday 2 March, no severe weather is expected over the North Island for the next couple of days.
- Fine weather for the North Island, apart from one or two afternoon showers about inland areas. Over the South Island, showers are expected about the West Coast, with isolated afternoon showers about inland areas elsewhere.
- Showers over the West Coast turn to rain tomorrow as a front approaches the South Island – a Watch is in force for parts of the West Coast for Friday (3 March). Showers are also expected to become more active about the central North Island Friday afternoon and evening – a Thunderstorm Watch is possible.
- Tropical Cyclone Judy is expected to move away southeast from the Vanuatu Islands today and Friday. Track predictions continue to have Judy passing well northeast of Aotearoa New Zealand during Saturday.
- Tropical Cyclone Kevin's current track predictions have this system following a similar track to Tropical Cyclone Judy, passing to the northeast of Aotearoa New Zealand.

Key Risks and Issues

- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the thousands of displaced people in Hawke's Bay and Tairāwhiti in particular.
- Silt and waste removal and clean-up will continue to become a significant issue once building assessments are complete. This could put significant strain on waste removal contractors and waste storage facilities. The NCC Planning function is continuing to work with the Ministry for the Environment and impacted Councils to develop a clean-up plan for silt and flood inundated properties. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in Solid Waste Management. Rapid preliminary health and safety advice on clearing silt and contaminated waste has been prepared as a 'single source of truth', with the intent of preparing more substantive guidance.

- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is a multi-agency analysis occurring which could determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation. A comprehensive health and public health risk assessment process to inform response and recovery is being developed and coordinated through the National Health Coordination Centre (NHCC).
- Increasing community and industry interest on expected timeframes for the opening of roads in Hawke's Bay and Tairāwhiti is being observed by Waka Kotahi. Waka Kotahi will send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. The uncertainty about the reliability of the network in areas where damage is not currently clear will highly likely continue, and future slips, dropouts, or cracks are likely to occur with little forewarning. While Waka Kotahi can assess the stability of the network as much as possible, in some instances indicators of damage may be unobservable at the time of inspection.
- Inaccessibility of local roads remains a key concern for communities in Hawke's Bay and Tairāwhiti. Further demands on contractors are likely as regions transition from response to recovery, particularly as critical State Highway routes are restored, and contractors are made more available for local roads. Ongoing fatigue will almost certainly impact contractors, and labour shortages are possible due to the lengthy recovery ahead.
- At 8:30AM Thursday 2 March there were 2,274 customers without power nationally, down by 189 customers.
- As at 12:00PM Thursday 2 March there are 5 (down from 6) schools and 33 (down from 49) early learning services (ELS) closed across Hawke's Bay and Tairāwhiti. 23 of the 33 ELS closures today are Te Kōhanga Reo; Te Kōhanga Reo National Trust Board is working closely to support these Kōhanga.
- There have been nine cases of leptospirosis reported in Hawke's Bay since 22 February 2023, six have reported contact with flood water and one of these cases is laboratory confirmed. There are also cases of Norovirus in the region.
- Transpower has identified a significant slip south of Wellsford which is threatening to undermine towers on two separate transmission lines. The proximity of the lines means the failure of the 110kv tower could result in the loss of the 220kv line where they cross, cutting power to Northland from Warkworth north. As a precaution Transpower have removed the 110kv line from service and will lower it to the ground as a precaution. This means Northland will be reliant on the 220kv line. Transpower advised households to take precautions such as having barbecues ready, and making sure electronic devices are charged. Transpower is working to relocate towers on both lines away from the slip.



NCC ACTIONS

Actions carried out

- NCC Logistics has facilitated the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM on 2 March there are 99 surge staff currently deployed to CDEM Groups, of which 85 are in Hawke's Bay, 11 in Auckland, and 2 in Tairāwhiti. Additionally, 4 EMAT staff are currently deployed.

- The NCC PIM team has been sharing messages about what support is available and how to stay safe while cleaning up, and sharing relevant messages from other agencies.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the daily National Welfare Coordination Meeting and providing support and specialist advice to CDEM Group Welfare Managers where required. NCC Welfare have also undertaken the following actions:
 - Monitoring and supporting the needs assessment process in the Hawke's Bay, including demand for the new 0800 phone number. NCC Welfare is working to ensure that there is no confusion between the HB 0800 number and other support lines (such as MSD's 0800 Floodline and Te Whatu Ora's 1737 number).
 - Housing supply is an ongoing issue. NCC Welfare are working with MBIE TAS to get people out of CDCs in Hawkes Bay and Auckland. NCC Welfare expect a high number of families who may need pet-friendly accommodation.
 - NEMA are surging people into Hawke's Bay Regional Distribution Hub Hastings Food Centre next week.
 - Working with the National Financial Assistance sub-function (MSD-led) to collate a clear list of government agency funding available to individuals, whānau, and community groups in response to the Auckland floods and Cyclone Gabrielle.
 - Monitoring Northland food security.
 - Continuing All of Government (AoG) Social recovery.
 - Monitoring the growing need for psychosocial support and profiling specific needs.
 - As the transition to recovery occurs NCC Welfare will ensure that there is ongoing provision of welfare services to communities that are still either inaccessible by road and/or have limited levels of service for lifeline utilities (water, telecommunications or water).
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori, to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu is starting to hear from some Māori entities about recovery needs and of reports of further damage and impacts in Māori communities particularly across Hawkes Bay, Wairoa and Tairāwhiti. Key outputs for NCC Kaitohutohu include but are not limited to:
 - NCC Kaitohutohu and NCC Control met with Tatau Tatau o Te Wairoa (collective of Iwi and hapū in Wairoa region) on Tuesday and highlighted a number of immediate resourcing and welfare needs. Follow up meetings with NCC Policy, NCC Welfare, NCC Operations and NCC Logistics are being held.
 - Continuing engagement with Ministerial Advisory Committee (MAC) members to determine how their expertise can be best utilised.
 - NCC Kaitohutohu and NCC PIM met with Iwi Radio Stations station managers and Te Māngai Pāho (the Māori Broadcasting Authority) regarding current issues, pānui for Māori communities and future relationships for working together.
 - Met with Iwi Comms Collective with updated pānui for Māori communities including new funding announcements from the government.
 - NCC Kaitohutohu and NCC PIM distributed Pānui for Māori to Iwi Comms Collective, PSGEs in impacted areas and Head of Comms (government)
 - Planning for NCC Kaitohutohu visit to Hawke's Bay tomorrow (3 March).

- NCC Safety have prepared the National Risk Assessment which is now in the review stage and when finalised will be sent to Control for approval. On Wednesday 1 March NCC Safety released the Preliminary Guidance – Contaminated Soil/Silt & Flood Contaminated Waste document.
- NCC Safety are also:
 - Continually updating NCC and Deployed staff guidance on Covid-19 protocols and PPE.
 - Conducting targeted welfare checks, as some staff are now feeling the effects of prolonged fatigue.
 - Working on dynamic guidance for shift management and work schedules.
 - Attending (alongside NCC Planning and the Ministry for the Environment) the National Solid Waste meeting daily and supporting councils with their issues and concerns.
 - Working closely beside NCC Planning and Policy and the Ministry for the Environment in working through a 'National funding mechanism' for the areas in need of financial assistance to conduct the necessary solid waste operations.
- NCC Planning have three current priorities:
 - Response to Recovery Transition Report – NCC Planning are developing the draft transition report on behalf of the National Controller, which includes all the key response activities that have taken place so far and forecasting into what response activities are likely to occur through transition to recovery. This report is due when the State of National Emergency expires or is terminated.
 - Bridge Prioritisation – A working group has been established to analyse the technical data received through the local authorities and Waka Kotahi, overlaid with the response priorities to connect cut-off communities via road. Whilst up to six urgent bridges have already been progressed (such as Opoiti bridge), the working group is scoping how the remaining local and regional road access are prioritised to ensure that we maximise the resources available to achieve outcomes for the community.
 - Solid Waste – NCC Planning has been supporting NCC Policy in the development of possible funding mechanisms for the silt management and collaborating with NCC Safety, STAC and NCC Intelligence to enable the regional clean up through provision of advice, mapping and planning material.



MULTI-AGENCY ACTIONS AND RESOURCES

- As at 2:00PM Wednesday 1 March, 32 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 15 Countries/Economies
 - 17 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- Over the period Sunday 5 - Wednesday 8 March 15 personnel from the USA are expected in New Zealand to support different aspects of response and recovery activities.
 - Two Royal Australian Air Force and other Australian specialists have been working on the ground with FENZ and NZDF. 33 staff from Fiji are working with NZDF, FENZ and the NCC.
- NZ Response Teams (NZRT) continue to support CDEM Groups with response activities. This week there are 10 volunteers deployed to Auckland and 21 volunteers deployed to Hawke's Bay.



- The National Health Coordination Centre (NHCC) is reviewing the required response team size as we transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; a number of initiatives are in place and underway.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. The line received 3,625 calls yesterday (1 March).
- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) has been activated for Northland, Auckland, Bay of Plenty, Tairāwhiti, Hawke's Bay, Gisborne, Waikato and the Tararua District.
- The National telehealth service report low call volumes from the affected regions. On 1 March, 46 calls were received from the Hawke's Bay and Tairāwhiti regions. The top symptoms were nausea, vomiting, diarrhoea, stomach pain, rash and dizziness.



RECOVERY

- Today (2 March) at 12:30PM, CDEM Groups met with the National Recovery Manager to discuss recovery arrangements at the local and group level as well as Transition Planning/Recovery Action Planning.
- Ongoing staffing into recovery for both NEMA and the regions has become a challenge as there are health risks and fatigue among personnel in regions with multiple operational and recovery responsibilities. There are likely to be requests for surge staffing support into the recovery.
- Emerging risks have been raised through welfare channels that as local/national recovery structures and arrangements are yet to be established, there is no avenue for communities to find out about long-term recovery projects. Due to the high levels of uncertainty around managing critical issues, psychosocial impacts are emerging in the affected regions.

KEY REGIONAL UPDATES



NORTHLAND

Activation Status

CDEM Group ECC and EOCs are not activated.

AFFECTED COMMUNITIES

- As at Thursday 2 March the following placards were issued as a result of Building Assessments: 42 red, 57 yellow, and 62 white placards.

CRITICAL INFRASTRUCTURE

- Transpower has identified a significant slip south of Wellsford which is threatening to undermine towers on two separate transmission lines. The proximity of the lines means the failure of the 110kv tower could result in the loss of the 220kv line where they cross, cutting power to Northland from Warkworth north. As a precaution Transpower have removed the 110kv line from service and will lower it to the ground. Transpower is working to relocate towers on both lines away from the slip.
- As at 8:30AM Thursday 2 March, 17 customers in the region remain without power.
- As at 1:00PM Thursday 2 March, SH1 at Brynderwyn is open to northbound vehicles (excluding over-dimensional loads). Southbound traffic is still required to use the detour route via SH12 and SH14.

AUCKLAND

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- As of Wednesday 1 March, there is one CDC, three community support hubs and eight community led centres open across the Auckland region. 14 people were staying overnight last night at Te Pae o Kura CDC. AEM is working toward closure of the CDC today.
- Te Pai o Kura CDC is to be established as a new logistical distribution centre.
- MSD is putting more staff into impacted west coast communities to provide support.
- As of today (2 March), Karekare remains isolated by road due to land instability. Welfare staff and agencies are in Karekare today to provide resources and assess ongoing community needs.
- A waste extraction plan for Karekare is in development. Waste extraction may occur tomorrow (Friday) and/or Monday
- As of Thursday 2 March, the following placards were issued as a result of Building Assessments: 582 (up 1) red placards, 2,227 (up 5) yellow placards and 4,162 (up 25) white placards (for both January and February weather events).

CRITICAL INFRASTRUCTURE

- As at 8:30AM Thursday 2 March, 31 customers remain without power.
- As at 12:00PM Thursday 2 March there are 32 local roads closed across the region and further 5 which have some level of restriction (e.g., one lane is blocked).
- Water supply has been reinstated for Muriwai.

WAIKATO

Activation Status

CDEM Group ECC activated in support mode during business hours. Thames Coromandel EOC and Waikato District EOC activated.

AFFECTED COMMUNITIES

- There are currently eight people that will require long term support from TAS in the Thames Coromandel District. As of **Thursday 1 March**, the following placards have been issued as a result of Building Assessments: 20 red placards, 36 yellow placards, 47 white placards (no change from yesterday).

CRITICAL INFRASTRUCTURE

- SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel time.
- SH23 remains closed between Raglan and Whatawhata. Work is progressing on a temporary diversion road, scheduled to open at 1200hrs Saturday 4 March. The temporary lane is also suitable for freight.

HAWKE'S BAY

Activation Status

CDEM Group ECC activated. All EOCs activated.

AFFECTED COMMUNITIES

- Hawke's Bay CDEM released Action Plan 14 covering the operational period 6:00PM **Wednesday 1 March** through to 6:00PM **Thursday 2 March**. Initial recovery planning has commenced, with coordination between regional and district councils and the determination of appropriate recovery structures and the agreed priorities.
- Isolated remote communities continue to be a top priority and contact has now been made with all isolated communities. There has been a good response from communities regarding health professionals and supplies being delivered to isolated communities. There are plans in place to continue visiting isolated communities and providing them with supplies.
- As at 12:00PM **Wednesday 1 March** isolated communities accessible by air include Whanawhana, Moteo, Patoka, Puketiri, Te Pohue, Te Haroto, Waikoau, Tangoio, Tutira, Mokara, Putorino, Waitaha Station, Marumaru. Isolated communities only accessible by specialist land vehicles include Waiohiki, Puketapu, Rissington, Eskdale, Mohaka.
- A multidisciplinary team of ten from Te Whatu Ora, iwi, generator technicians, MPI and city council (with drone capability) went out yesterday (1 March) to Tutira, Waikoau, Te Haroto and Rissington. They conducted deliberate resupply of these areas for 5-7 days, including detailed medical and welfare needs based on the rapid needs assessment that took place on Sunday 26 February. Today (2 March), the same team will be visiting Lower Dartmoor, Kaiwaka, Te Pohue and Waitaha Station.
- Hastings District Council, iwi reps, and EOC staff are working over the next two days to check in on all satellite communities that are further disconnected from the main isolated community hubs. Once this is recorded, there will be a deliberate operation conducted next week called Operation

TUHONO to make contact and physically check in on the needs of these people via road and air. This will be from 6-8 March.

- The Hawke's Bay 0800 Welfare Helpline went live on Tuesday 28 February.
- Applications are open for the Hawke's Bay Disaster Relief Fund to those impacted by Cyclone Gabrielle. The fund offers a maximum of \$1,000 per property or \$2,000 organisation as one-off grants.
- As at 12:00PM Thursday 2 March approximately 200 people stayed overnight in CDCs and CLCs in Napier, Hastings and Wairoa. 54 people utilising the centres have been identified as RSE workers.
- As of Thursday 2 March, the following placards were issued as a result of Building Assessments: 87 red, 1,034 yellow, and 379 white placards (no change from yesterday).
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials and sanitary items, generators and fuel. Iwi continues to lead the operation, in partnership with CDEM and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land.
- MPI are working on distributing supplies to rural areas including essential resources for fencing, fuel, and generators. They are working closely with the Regional Distribution Centre.
- A Papakāinga Programme has been activated and will complete a needs assessment with marae that have yet to be contacted.

CRITICAL INFRASTRUCTURE

- Hawke's Bay Regional Hospital emergency department is at status red (other parts of the hospital are green) and will continue to require support from external sources as cyclone impacted staff take leave. Wairoa Hospital is at status green.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Two major routes in the region remain closed: SH2 Napier to Wairoa and SH5 Napier to Taupo (closed to the public, open to emergency services). Routes continue to remain vulnerable to flooding and further slips. As at 12:00PM Wednesday 1 March seven roads remain closed. Many of these require repairs which could take weeks to months before full public access is available. While these roads are closed, some communities will remain isolated. A full overview is available on the Waka Kotahi website <https://nzta.govt.nz/traffic-and-travel-information/cyclone-gabrielle-state-highway-access/>
- Rail lines in and out of Hawke's Bay are closed due to significant damage. KiwiRail is aiming to open the line between Woodville and Hastings in the next 3-4 weeks. The line between Hastings and Napier is expected to take months to reopen. Napier to Wairoa is expected to remain closed for some time, given the focus is on reopening the line to Napier.
- As at 8:30AM Thursday 2 March there were 2,127 customers without power in Hawke's Bay. Region is at 97.15% restored. Patoka substation has been repaired and is now operational. Unison is working to restore power to Hendley and Rissington using a generator. Whirinaki power station restoration works proceeding well and expected to be complete well ahead of mill requirements. Unison Power has advised that repairs to Esk Valley, Dartmoor Road, Pakowhai and Brookfields are likely to take months as the power infrastructure will have to be rebuilt completely. Options to restore power to these communities, including potential temporary generation are being explored. The cut off community of Tutira is also having work completed to bring its damaged substation back online. It is expected that the work will take approximately one week to complete and alternative power generation options are being looked into.
- As at 12:00PM Wednesday 1 March Hawke's Bay Regional Council has put a hard cordon in place around the Awatoto industrial area as a large number of hazards and contaminants have been identified.

- The wastewater treatment plant in Napier remains offline. It is flooded with no 4WD access. Portalooos have been placed in Otane and Waipukurau.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- As of [Thursday 2 March](#), the following placards were issued as a result of Building Assessments: 11 red, 170 yellow (no change from yesterday).
- Rubbish, some of which may contain asbestos, is beginning to appear on streets in affected areas in Tairāwhiti.
- Due to a washout Waimata Valley Road was closed to all traffic and 4 properties were asked to evacuate as a precaution. Work crews have temporarily remediated with chip seal, and the road is now open for residents with light vehicles only.

CRITICAL INFRASTRUCTURE

- An inspection Team is expected at Tokomaru Bay Dam on today (Thursday 2 March).
- As at 8:30AM [Thursday 2 March](#) there remains 75 consumers without access to power. [Eastland Network](#) expect to reconnect these customers by the end of the weekend. An additional 70 customers are currently receiving their power from generators.
- As at 2:46PM [Thursday 2 March](#) SH2 is closed due to a major slip between Matawai and Puha.
- A Bailey bridge has been confirmed for Hikuwai River crossing on SH35. Work is ongoing to assess the feasibility of a community lead temporary road on private land for public use while Waka Kotahi constructs the bridge.
- SH35 between Te Puia Springs and Tolaga Bay has sustained major damage and it likely to take several months to repair before being open to the public. This significantly limits the mobility of those communities in the area.
- The National Health Coordination Centre expect to continue deployments into Tairāwhiti over the next few weeks to ensure service continuity and staff welfare.

TARARUA

Activation Status	Tararua District Council EOC activated.
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AFFECTED COMMUNITIES

- As of [Thursday 2 March](#), the following placards were issued as a result of Rapid Building Assessments: 6 red, 13 yellow, and 9 white placards.
- Aerial reconnaissance indicates that the damage in the Tararua area to roading and lifelines utilities is significant, and some rural communities are isolated. Airdrops continue to provide welfare and make contact with residents to these communities.

- Rural support is being given to farmers in Tararua by the Rural Support Trust, and Federated Farmers. There are reports of stock loss, flooded farmland and access issues for milk collection.

CRITICAL INFRASTRUCTURE

- Contractors and structural engineers are carrying out assessments on bridges within the Pohangina Valley in the Manawatu District. Application to Waka Kotahi for expedited funding to replace Churchill Road bridge is being prepared. It is estimated it will be three months before the Konewa Bridge is replaced with a temporary crossing.
- As at 2 March, 13 local roads are closed across the district affecting about 200 households. Resident access is being allowed on these roads; however, the closures are causing problems with school bus routes. Liaison is underway with the principals of the affected schools.



PUBLIC INFORMATION

Public information is being led by local Emergency Management. You can access the latest messaging here:

Northland: <https://www.facebook.com/civildefencenorthland/>

Auckland: <https://www.aucklandemergencymanagement.org.nz/major-incident/flooding-2023>

Coromandel: <https://www.facebook.com/ThamesCoromandelDistrictCouncil/>

Waikato: <https://www.waikatoregioncdemg.govt.nz/>

Bay of Plenty: <https://www.bopcivildefence.govt.nz/>

Tairāwhiti: <https://www.gdc.govt.nz/services/civil-defence>

Hawke's Bay: <https://www.hbemergency.govt.nz/>

Tararua District Council: <https://www.tararuadc.govt.nz/services/emergency-management/updates>

Talking points

Weather messages

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. The donation of physical goods, whilst extremely generous and well intentioned, is not the most effective way to help right at this minute. Monetary donations enable support organisations to provide exactly what is needed to those most affected.
- There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- A State of National Emergency is still in place for Auckland, Northland, Waikato, Tairāwhiti, Hawke's Bay and Tararua District. It was declared on 14 February, extended on 21 February and was extended again on 28 February.
- As confidence grows that some areas are ready to transition to recovery, the states of national emergency may be amended to reflect this before the end of this extension period.

- Cyclone Gabrielle has resulted in widespread damage and impacts across many regions and districts in Aotearoa New Zealand. The scale and complexity differ across these districts and regions and therefore the timing for when they transition into recovery will likely be different.
- It is up to each region, working with the National Emergency Management Agency, to determine when they are ready to move into a recovery phase. This decision must be based on the needs of their communities and the ongoing impacts they are managing.
- The biggest factor in determining whether an area should move into a recovery phase is the stability of that community. That includes access, the supply chain of food and goods being re-established, the supply of power and water, and ensuring everyone has a safe place to sleep at night.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. A National declaration is a partnership between central government and local authorities. It allows the Government, through NEMA, to support the affected regions.
- The National declaration only applies to the parts of New Zealand that have been severely affected by Cyclone Gabrielle.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible.
- Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Floodwater can carry bacteria that can contaminate food. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities.
- Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- When cleaning up silt use normal low-pressure hoses and brooms to push wet material without making it airborne.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high.
- Do not attempt to burn: fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- In power outages use torches instead of candles, and only use camp cookers and BBQs outdoors.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Before you dig website and beforeudig.co.nz for all utilities.
- Keep up to date with MetService's Severe Weather Warnings and your local Civil Defence Emergency Management Group.
- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.



- Floods and flash floods can happen quickly. If you see rising water, do not wait for official warnings. Head for higher ground and stay away from floodwater.
- As at 8:00AM Wednesday 1 March Version 6 of the all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages. <https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1700 hours on 3 March 2023

Please send Agency updates and products to 9(2)(a) and 9(2)(a) for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 036

ISSUED AT 17:00 HOURS ON 3 MARCH 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	<p>State of National Emergency covering Tairāwhiti Hawke's Bay</p> <p>National Transition Period covering Northland Auckland Waikato Tararua District</p>														
Activation status:	Time declared:														
Mode 4 Lead/Direct	<p>State of National Emergency Tairāwhiti and Hawke's Bay: 8:43AM 14 February 2023 – 8:43AM 7 March 2023</p> <p>National Transition Period Northland, Auckland, Waikato, and Tararua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023</p>														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) [REDACTED] Phone: 9(2)(a) [REDACTED]	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 4	S														
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N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua.
- A State of National Emergency was declared on 14 February 2023, extended on Tuesday 21 February for another seven days and then again on Tuesday 28 February for a further seven days. From 28 February, the State of National Emergency ceased to apply to the Bay of Plenty.
- Today (3 March) the states of national emergency for Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District were terminated. A notice of a national transition period over these areas came into effect immediately.
- The national transition period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The national transition period will be in force for a period of 90 days (unless extended or terminated early).
- As at 3:30PM Thursday 2 March the number of fatalities remains at 11 as a result of Cyclone Gabrielle.
- At 5:56PM Thursday 2 March NZ Police confirmed there were no uncontactable people that Police were concerned about. The team who was overseeing the reconciliation work has now shut down.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As at Thursday 2 March, \$57.797 million (up \$1.214 million) of Ministry of Social Development Civil Defence Grants have been paid to 103,461 people (up 1,611). Yesterday \$1.2 million was paid to 2,466 people.

Weather

- As of 12:45PM Friday 3 March, no severe weather is expected over the country for the next couple of days. However, there is a risk of severe thunderstorms and downpours about the central and southern parts of the North Island today and tomorrow including the Tararua District, Hawke's Bay and Tairāwhiti.
- Afternoon showers are expected about central and southern areas of the North Island today. A southerly change tomorrow will bring showers and the risk of heavy rain associated with thunderstorms. Showers are expected to linger in Wairoa from tomorrow into late Sunday/early Monday.
- For the South Island - Southerly change with rain/showers moves north this afternoon and evening, easing tomorrow.
- Tropical Cyclone Judy and Kevin are not expected to impact Aotearoa New Zealand.

Key Risks and Issues

- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular. If families still living in yellow stickered houses begin to experience health concerns due to exposure, there may be an increase in demand for alternative accommodation from TAS.

- Silt and waste removal and clean-up will continue to become a significant issue once building assessments are complete. This could put significant strain on waste removal contractors and waste storage facilities. The NCC Planning function is continuing to work with the Ministry for the Environment and impacted Councils to develop a clean-up plan for silt and flood inundated properties. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in Solid Waste Management. Rapid preliminary health and safety advice on clearing silt and contaminated waste has been prepared as a 'single source of truth', with the intent of preparing more substantive guidance.
- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is a multi-agency analysis occurring which could determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation. A comprehensive health and public health risk assessment process to inform response and recovery is being developed and coordinated through the National Health Coordination Centre (NHCC).
- Increasing community and industry interest on expected timeframes for the opening of roads in Hawke's Bay and Tairāwhiti is being observed by Waka Kotahi. Waka Kotahi will send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. The uncertainty about the reliability of the network in areas where damage is not currently clear will highly likely continue, and future slips, dropouts, or cracks are likely to occur with little forewarning. While Waka Kotahi can assess the stability of the network as much as possible, in some instances indicators of damage may be unobservable at the time of inspection.
- Inaccessibility of local roads remains a key concern for communities in Hawke's Bay and Tairāwhiti. Further demands on contractors are likely as regions transition from response to recovery, particularly as critical State Highway routes are restored, and contractors are made more available for local roads. Ongoing fatigue will almost certainly impact contractors, and labour shortages are possible due to the lengthy recovery ahead.
- At 2:30PM Friday 3 March there were 2,055 customers without power nationally, down by 218 customers. Approximately 99% of power in the impacted regions has been restored.
- As at 12:25PM Friday 3 March there are 3 (down from 5) schools and 17 (down from 33) early learning services (ELS) closed across Hawke's Bay and Tairāwhiti. 4 additional schools have reopened at alternate sites while 3 are utilising distance leading to provide continuity to students. 9 of the 17 ELS closures today are Te Kōhanga Reo; Te Kōhanga Reo National Trust Board is working closely to support these Kōhanga.
- There have been nine cases of leptospirosis reported in Hawke's Bay since 22 February 2023, six have reported contact with flood water and one of these cases is laboratory confirmed. There are also cases of Norovirus in the region. Taumata Arowai have found no indication to suggest cases of leptospirosis and Norovirus are linked to drinking water, however contingency planning is in progress.



NCC ACTIONS

Actions carried out

- NCC Logistics has facilitated the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM on 3 March there are 88 surge staff currently deployed to CDEM Groups, of which 74 are

in Hawke's Bay, 9 in Auckland, and 5 in Tairāwhiti. Additionally, 6 EMAT staff are currently deployed.

- The NCC PIM team has been sharing messages about what support is available and how to stay safe while cleaning up, and sharing relevant messages from other agencies.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the daily National Welfare Coordination Meeting (NWCG) and providing support and specialist advice to CDEM Group Welfare Managers where required. **As of Friday 3 March the frequency of the NWCG will reduce from daily to a Monday, Wednesday, Friday and Saturday.** NNCC Welfare have also undertaken the following actions:
 - Monitoring and supporting the needs assessment process in the Hawke's Bay, including demand for the new 0800 phone number. NCC Welfare is working to ensure that there is no confusion between the HB 0800 number and other support lines (such as MSD's 0800 Floodline and Te Whatu Ora's 1737 number).
 - Housing supply is an ongoing issue. NCC Welfare are working with MBIE TAS to get people out of CDCs in Hawkes Bay and Auckland. NCC Welfare expect a high number of families who may need pet-friendly accommodation.
 - NEMA are surging people into Hawke's Bay Regional Distribution Hub Hastings Food Centre next week.
 - Working with the National Financial Assistance sub-function (MSD-led) to collate a clear list of government agency funding available to individuals, whānau, and community groups in response to the Auckland floods and Cyclone Gabrielle.
 - Monitoring Northland food security.
 - Continuing All of Government (AoG) Social recovery.
 - Monitoring the growing need for psychosocial support and profiling specific needs.
 - As the transition to recovery occurs NCC Welfare will ensure that there is ongoing provision of welfare services to communities that are still either inaccessible by road and/or have limited levels of service for lifeline utilities (water, telecommunications or water).
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori, to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu is starting to hear from some Māori entities about recovery needs and of reports of further damage and impacts in Māori communities particularly across Hawkes Bay, Wairoa and Tairāwhiti. Key outputs for NCC Kaitohutohu include but are not limited to:
 - NCC Kaitohutohu and NCC Control met with Tatau Tatau o Te Wairoa (collective of Iwi and hapū in Wairoa region) on Tuesday and highlighted a number of immediate resourcing and welfare needs. Follow up meetings with NCC Policy, NCC Welfare, NCC Operations and NCC Logistics are being held.
 - Continuing engagement with Ministerial Advisory Committee (MAC) members to determine how their expertise can be best utilised.
 - NCC Kaitohutohu and NCC PIM met with Iwi Radio Stations station managers and Te Māngai Pāho (the Māori Broadcasting Authority) regarding current issues, pānui for Māori communities and future relationships for working together.
 - Met with Iwi Comms Collective with updated pānui for Māori communities including new funding announcements from the government.
 - NCC Kaitohutohu and NCC PIM distributed Pānui for Māori to Iwi Comms Collective, PSGEs in impacted areas and Head of Comms (government)

- Working with NCC Operations on a number of reimbursement requests from iwi providers/groups.
 - Connecting with NCC Welfare regarding the feedback from Tokomaru Bay community.
- NCC Safety have prepared the National Risk Assessment which is now in the review stage and when finalised will be sent to Control for approval. On Wednesday 1 March NCC Safety released the Preliminary Guidance – Contaminated Soil/Silt & Flood Contaminated Waste document.
- NCC Safety are also:
 - Continually updating NCC and Deployed staff guidance on Covid-19 protocols and PPE.
 - Conducting targeted welfare checks, as some staff are now feeling the effects of prolonged fatigue.
 - Working on dynamic guidance for shift management and work schedules.
 - Attending (alongside NCC Planning and the Ministry for the Environment) the National Solid Waste meeting daily and supporting councils with their issues and concerns.
 - Working closely beside NCC Planning and Policy and the Ministry for the Environment in working through a 'National funding mechanism' for the areas in need of financial assistance to conduct the necessary solid waste operations.
- NCC Planning have three current priorities:
 - Response to Recovery Transition Report – NCC Planning are developing the draft transition report on behalf of the National Controller, which includes all the key response activities that have taken place so far and forecasting into what response activities are likely to occur through transition to recovery. This report is due when the State of National Emergency expires or is terminated.
 - Bridge Prioritisation – A working group has been established to analyse the technical data received through the local authorities and Waka Kotahi, overlaid with the response priorities to connect cut-off communities via road. Whilst up to six urgent bridges have already been progressed (such as Opoiti bridge), the working group is scoping how the remaining local and regional road access are prioritised to ensure that we maximise the resources available to achieve outcomes for the community.
 - Solid Waste – NCC Planning has been supporting NCC Policy in the development of possible funding mechanisms for the silt management and collaborating with NCC Safety, STAC and NCC Intelligence to enable the regional clean up through provision of advice, mapping and planning material.



MULTI-AGENCY ACTIONS AND RESOURCES

- As at 3:00PM Friday 3 March, 32 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 19 Countries/Economies
 - 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- Over the period Sunday 5 - Wednesday 8 March 15 personnel from the USA are expected in New Zealand to support different aspects of response and recovery activities.
 - Two Royal Australian Air Force and other Australian specialists have been working on the ground with FENZ and NZDF. 33 staff from Fiji are working with NZDF, FENZ and the NCC.

- NZ Response Teams (NZRT) continue to support CDEM Groups with response activities. This week there are 10 volunteers deployed to Auckland and 21 volunteers deployed to Hawke's Bay.
- Te Whatu Ora / Health New Zealand have released guidance on Keeping safe whilst walking along beaches and rivers after a flood event. The guidance addresses risks such as biological and chemical hazards as well as the risk posed by submerged objects.
- The National Health Coordination Centre (NHCC) is reviewing the required response team size as we transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; a number of initiatives are in place and underway.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. The line received 2,867 calls yesterday (2 March). The line will be operational on Saturday from 8am – 1pm but closed Sunday.
- The MSD Napier and Gisborne Service Centres will be open 9am – 1pm on Saturday 4 March.
- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) has been activated for Northland, Auckland, Bay of Plenty, Tairāwhiti, Hawke's Bay, Gisborne, Waikato and the Tararua District.
- MPI is working with farm supply companies, such as Farmlands and PGG Wrightson, and vets to ensure critical supplies get to cut-off communities with no road access. Helicopters and Unimogs are being used for the deliveries.
- A new factsheet on 'Livestock health after prolonged wet conditions and flooding' has been prepared by MPI with input from Massey University, NZVA, Beef and Lamb, and other veterinary experts.



RECOVERY

- On Wednesday 2 March, CDEM Groups met with the National Recovery Manager to discuss recovery arrangements at the local and group level as well as Transition Planning/Recovery Action Planning.
- The Recovery Team continues to chair the NRCG for this event. Membership has changed with ICNZ and Red Cross attending their first meeting.
- Ongoing staffing into recovery for both NEMA and the regions has become a challenge as there are health risks and fatigue among personnel in regions with multiple operational and recovery responsibilities. Scoping the availability of recovery practitioners to assist.
- Emerging risks have been raised through welfare channels that as local/national recovery structures and arrangements are yet to be established, there is no avenue for communities to find out about long-term recovery projects. Due to the high levels of uncertainty around managing critical issues, psychosocial impacts are emerging in the affected regions.

KEY REGIONAL UPDATES



NORTHLAND

Activation Status	CDEM Group ECC and EOCs are not activated.
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AFFECTED COMMUNITIES

- As of Thursday 2 March the following placards were issued as a result of Building Assessments: 42 red, 57 yellow, and 62 white placards.

CRITICAL INFRASTRUCTURE

- Transpower has identified a significant slip south of Wellsford which is threatening to undermine towers on two separate transmission lines. The proximity of the lines means the failure of the 110kv tower could result in the loss of the 220kv line where they cross, cutting power to Northland from Warkworth north. As a precaution Transpower have removed the 110kv line from service and will lower it to the ground. Transpower is working to relocate towers on both lines away from the slip. **No further notable ground or tower movement has been reported, the remediation work remains on track.**
- As at 9:00AM Friday 3 March, 12 customers in the region remain without power.
- As at 3:30PM Friday 3 March, SH1 at Brynderwyn is open to northbound vehicles (excluding over-dimensional loads). Southbound traffic is still required to use the detour route via SH12 and SH14 (light vehicles can use a shorter detour via Mangapai, Paparoa and Paparoa Oakleigh roads, to re-join the main detour at SH12). The detour route is not suitable for High Productivity Motor Vehicles (HPMV) and has a weight limit of 50 tonnes. Work is underway to establish the viability of putting heavy goods vehicles through the detour route where there are vulnerable bridges, this may require temporary speed restrictions. Waka Kotahi estimate full opening of the highway towards the end of March.

AUCKLAND

Activation Status	CDEM Group ECC activated. The ECC will move to a on call model over this weekend.
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AFFECTED COMMUNITIES

- Te Pae o Kura CDC (Kelston) has now closed and will transition to become a temporary logistics distribution hub on Saturday.

- As of 2:00PM Friday 3 March, the following placards were issued as a result of Building Assessments: 585 (up 3) red placards, 2,283 (up 56) yellow placards and 4,191 (up 29) white placards (for both January and February weather events).
- MBIE TAS report more availability of hotels and motels this week, but it is anticipated supply may become constricted again around 7 March due to a concert in Auckland.
- Approximately 835 households in Auckland have registered with Temporary Accommodation Service (TAS), and of those TAS have connected with, approximately 600 are being housed by TAS. A further 198 are awaiting their needs assessment.
- TAS are still experiencing households declining accommodation options due to distance from their community (i.e., school and workplace).
- Cordons are now in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. First Security and AT staff are manning cordons with support from Police. Vehicle passes for residents are being issued at Muriwai and Piha surf clubs.
- A team of three are flying onto Karekare today to scope work which is beyond that capability of homeowners.
- MSD staff will have a presence at Piha and Muriwai over the weekend.
- A community meeting was held in Muriwai last night (Thursday 2 March). Community meetings are planned for Karekare (7 March) and Piha next week. FAQs for the Muriwai community have been posted to a dedicated Muriwai page on AEM's website. FAQs for Piha are in development and will be posted soon on the Auckland Emergency Management website. A newsletter is being developed for Karekare.

CRITICAL INFRASTRUCTURE

- Vector's emergency response has ceased as all customers have been resupplied (one final connection to a pump shed remains, Vector are working with the customer directly). Their BAU focus is in restoring and rebuilding the networks to their pre cyclone condition and removing temporary fixes and network generation and reinstating permanent network connections. This is expected to take 3-6 months.
- As at 2:30PM Friday 3 March, 32 roads remain fully closed, and 5 partially closed. Some sites involve major and complex landslides, underslips and overslips. Geotechnical assessments are being undertaken.

WAIKATO

Activation Status

CDEM Group ECC activated in support mode during business hours. Thames Coromandel EOC and Waikato District EOC activated.

AFFECTED COMMUNITIES

- There are currently eight people that will require long term support from TAS in the Thames Coromandel District. As of Friday 3 March, the following placards have been issued as a result of Building Assessments: 20 red placards, 36 yellow placards, 47 white placards (no change from Wednesday 1 March).

CRITICAL INFRASTRUCTURE

- SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times.

- SH23 remains closed between Raglan and Whatawhata. Work is progressing on a temporary diversion road, scheduled to open at 1200hrs Saturday 4 March. The temporary lane is also suitable for freight.

HAWKE'S BAY

Activation Status

CDEM Group ECC activated. All EOCs activated.

AFFECTED COMMUNITIES

- Hawke's Bay CDEM released Action Plan 15 covering the operational period 6:00PM Thursday 2 March through to 6:00PM Friday 3 March. Initial recovery planning has commenced, with coordination between regional and district councils and the determination of appropriate recovery structures and the agreed priorities.
- Isolated remote communities continue to be a top priority and contact has now been made with all isolated communities. There has been a good response from communities regarding health professionals and supplies being delivered to isolated communities. There are plans in place to continue visiting isolated communities and providing them with supplies. Since Thursday 2 March Red Cross DWST along with Hastings District Council have attended community hubs to provide psychosocial support. The community hubs include the Eskdale Hub, Puketapu North Hub, Puketapu South Hub and Bayview Hub.
- As at 12:00PM Wednesday 1 March isolated communities accessible by air include Whanawhana, Moteo, Patoka, Puketiri, Te Pohue, Te Haroto, Waikoau, Tangoio, Tutira, Mokara, Putorino, Waitaha Station, Marumaru. Isolated communities only accessible by specialist land vehicles include Waiohiki, Puketapu, Rissington, Eskdale, Mohaka. NZRT's have been deployed to the communities of Putarino, Tutira and Rissington Ford.
- A multidisciplinary team of ten from Te Whatu Ora, iwi, generator technicians, MPI and city council (with drone capability) went out on Tuesday 1 March to Tutira, Waikoau, Te Haroto and Rissington. They conducted deliberate resupply of these areas for 5-7 days, including detailed medical and welfare needs based on the rapid needs assessment that took place on Sunday 26 February. On Wednesday 2 March, the same team visited Lower Dartmoor, Kaiwaka, Te Pohue and Waitaha Station.
- On Wednesday 2 and Thursday 3 March Hastings District Council, iwi reps, and EOC staff are working to check in on all satellite communities that are further disconnected from the main isolated community hubs. Initial data as at 8.15AM Friday 3 March estimates approximately 21 satellite communities who do not have access to a community hub. Once the initial checks are completed, there will be a deliberate operation conducted next week called Operation TUHONO to make contact and physically check in on the needs of these people via road and air. This operation will be from 6-8 March.
- The Hawke's Bay 0800 Welfare Helpline went live on Tuesday 28 February. It received 120 calls on Thursday 2 March.
- Applications are open for the Hawke's Bay Disaster Relief Fund to those impacted by Cyclone Gabrielle. The fund offers a maximum of \$1,000 per property or \$2,000 organisation as one-off grants.
- As at 2:00PM Friday 3 March approximately 200 people stayed overnight in CDCs and CLCs in Napier, Hastings and Wairoa on Thursday 2 March. 40 people utilising the centres have been identified as RSE workers.
- As of Friday 3 March, the following placards were issued as a result of Building Assessments: 87 red, 1,034 yellow, and 379 white placards (no change from Wednesday 1 March).

- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials and sanitary items, generators and fuel. Iwi continues to lead the operation, in partnership with CDEM and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land.
- MPI are working on distributing supplies to rural areas including essential resources for fencing, fuel, and generators. They are working closely with the Regional Distribution Centre.
- A Papakāinga Programme has been activated and will complete a needs assessment with marae that have yet to be contacted.

CRITICAL INFRASTRUCTURE

- As of 9:00AM Friday 3 March Hawke's Bay Regional Hospital emergency department is at status red (other parts of the hospital are green) and will continue to require support from external sources as cyclone impacted staff take leave. Wairoa Hospital is at status green.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Two major routes in the region remain closed: SH2 Napier to Wairoa and SH5 Napier to Taupo (closed to the public, open to emergency services). As at 9:04AM Friday 3 March progress has been made on SH5 from Taupō to Te Pōhue but a significant underslip south of Te Pōhue has hampered progress to Bay View. Routes continue to remain vulnerable to flooding and further slips. Many of these require repairs which could take weeks to months before full public access is available. While these roads are closed, some communities will remain isolated. A full overview is available on the Waka Kotahi website <https://nzta.govt.nz/traffic-and-travel-information/cyclone-gabrielle-state-highway-access/>
- Rail lines in and out of Hawke's Bay are closed due to significant damage. KiwiRail is aiming to open the line between Woodville and Hastings within the month of March. The line between Hastings and Napier is expected to take months to reopen. Napier to Wairoa is expected to remain closed for some time, given the focus is on reopening the line to Napier.
- As at 2:30PM Friday 3 March there were 1,984 customers without power in Hawke's Bay. Region is at 97.34% restored. Transpower continues to work on bringing the interconnecting Transformer at Redclyffe into service. It is estimated to be back in service by mid next week. This will increase supply resilience into Hawke's Bay and improve voltage issues in the Unison network. Unison is working to restore power to Hendley and Rissington using a generator. Whirinaki power station restoration works proceeding well and expected to be complete well ahead of mill requirements. Unison Power has advised that repairs to Esk Valley, Dartmoor Road, Pakowhai and Brookfields are likely to take months as the power infrastructure will have to be rebuilt completely. Options to restore power to these communities, including potential temporary generation are being explored. The cut off community of Tutira is also having work completed to bring its damaged substation back online. It is expected that the work will take approximately one week to complete and alternative power generation options are being looked into.
- On Wednesday 1 March Hawke's Bay Regional Council put a hard cordon in place around the Awatoto industrial area as a large number of hazards and contaminants have been identified.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- As of Thursday 2 March, the following placards were issued as a result of Building Assessments: 11 red, 170 yellow (no change from yesterday).
- As of Thursday 2 March, 39 people were being housed across three welfare centres.
- CDEM note an increased number of animal welfare issues arising from the rapid needs assessments. These are mainly livestock issues include issues retaining stock on properties due to lost fencing, water issues due to broken water systems and access to animal welfare supplies (mainly due to isolation).
- Insurers are currently assessing the need for face-to-face service (beyond their assessors). Tātau Tātau o Te Wairoa is engaging with welfare hub staff in Wairoa ahead of an insurer meeting which will take place to assess the community's need for an on ground presence in Wairoa. An insurer with a large portion of the claims has set up in Gisborne in the Trust Tairāwhiti Hub.
- Hato Hone St John Ambulance note a slight increase in demand over the last few weeks. Staff from other districts continue to support Tairāwhiti.

CRITICAL INFRASTRUCTURE

- As at 2:30PM Friday 3 March there are 34 consumers (down from 75 yesterday) without access to power.
- SH2 - Due to a slip, the road is down to one lane under stop/go traffic management. This section of the highway remains very fragile and unstable.
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. Planning is underway for the installation of a temporary Bailey Bridge at Hikuwai. A bypass being constructed by local contractors at Mangahauini is being assessed by Waka Kotahi to ensure it is fit for purpose

TARARUA

Activation Status	Tararua District Council EOC activated.
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AFFECTED COMMUNITIES

- As of Friday 3 March, the following placards were issued as a result of Rapid Building Assessments: 6 red, 9 yellow, and 9 white placards.
- Aerial reconnaissance indicates that the damage in the Tararua area to roading and lifelines utilities is significant, and some rural communities are isolated. Airdrops continue to provide welfare and make contact with residents to these communities. In Herbertville volunteers continue to support clean up, through removing silt and cleaning buildings around the campground and the Pub/Hotel.

- Isolated properties due to road closures continue to be identified. A property on the closed section of Waihoki Valley Road required welfare support. Food supplies have been arranged to be delivered today (3 March).

CRITICAL INFRASTRUCTURE

- Contractors and structural engineers are carrying out assessments on bridges within the Pohangina Valley in the Manawatu District. Application to Waka Kotahi for expedited funding to replace Churchill Road bridge is being prepared. It is estimated it will be three months before the Konewa Bridge is replaced with a temporary crossing.
- As at 3 March, 13 local roads are closed across the district affecting about 200 households. Resident access is being allowed on these roads; however, the closures are causing problems with school bus routes. Liaison is underway with the principals of the affected schools.



PUBLIC INFORMATION

Public information is being led by local Emergency Management. You can access the latest messaging here:

Northland: <https://www.facebook.com/civildefencenorthland/>

Auckland: <https://www.aucklandemergencymanagement.org.nz/major-incident/flooding-2023>

Coromandel: <https://www.facebook.com/ThamesCoromandelDistrictCouncil/>

Waikato: <https://www.waikatoregioncdemg.govt.nz/>

Tairāwhiti: <https://www.gdc.govt.nz/services/civil-defence>

Hawke's Bay: <https://www.hbemergency.govt.nz/>

Tararua District Council: <https://www.tararuadc.govt.nz/services/emergency-management/updates>

Talking points

Weather messages

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. The donation of physical goods, whilst extremely generous and well intentioned, is not the most effective way to help right at this minute. Monetary donations enable support organisations to provide exactly what is needed to those most affected.
- There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- On Friday 3 March, the Government ended the states of national emergency over the Northland, Auckland, and Waikato regions and the Tararua District. These areas have now moved to a national transition period.
- Tairāwhiti and Hawke's Bay are still in an active response phase and will remain under a state of national emergency at the present time.
- The national state of emergency was first declared on 14 February, extended on 21 February and was extended again on 28 February.

- Cyclone Gabrielle has resulted in widespread damage and impacts across many regions and districts in Aotearoa New Zealand. The scale and complexity differ across these districts and regions and therefore the timing for when they transition into recovery will likely be different.
- It is up to each region, working with the National Emergency Management Agency, to determine when they are ready to move into a recovery phase. This decision must be based on the needs of their communities and the ongoing impacts they are managing.
- The biggest factor in determining whether an area should move into a recovery phase is the stability of that community. That includes access, the supply chain of food and goods being re-established, the supply of power and water, and ensuring everyone has a safe place to sleep at night.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. A National declaration is a partnership between central government and local authorities. It allows the Government, through NEMA, to support the affected regions.
- The National declaration only applies to the parts of New Zealand that have been severely affected by Cyclone Gabrielle.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible.
- Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Floodwater can carry bacteria that can contaminate food. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities.
- Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- When cleaning up silt use normal low-pressure hoses and brooms to push wet material without making it airborne.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high.
- Do not attempt to burn: fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- In power outages use torches instead of candles, and only use camp cookers and BBQs outdoors.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Before you dig website and beforeudig.co.nz for all utilities.
- Keep up to date with MetService's Severe Weather Warnings and your local Civil Defence Emergency Management Group.



- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- Floods and flash floods can happen quickly. If you see rising water, do not wait for official warnings. Head for higher ground and stay away from floodwater.
- As at 8:00AM Wednesday 1 March Version 6 of the all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages. <https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

? ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1700 hours on 4 March 2023

Please send Agency updates and products to 9(2)(a) [redacted] and 9(2)(a) [redacted] for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 037

ISSUED AT 17:00 HOURS ON 4 MARCH 2023

Event name:		Declaration status:															
North Island Severe Weather Event January 2023		State of National Emergency covering Tairāwhiti Hawke's Bay National Transition Period covering Northland Auckland Waikato Tararua District															
Activation status:		Time declared:															
Mode 4 Lead/Direct		State of National Emergency Tairāwhiti and Hawke's Bay: 8:43AM 14 February 2023 – 8:43AM 7 March 2023 National Transition Period Northland, Auckland, Waikato, and Tararua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023															
Contact:		NEMA NCC Incident Classification:															
Email: 9(2)(a) [REDACTED] Phone: 9(2)(a) [REDACTED]		Note: This is NEMA's incident classification. <table border="1" style="margin-top: 10px;"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1" style="margin-top: 10px;"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>			↑	N 4	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N1	A minor national level response																
N2	A moderate national level response																
N3	A major national level response																
N4	A severe national level response																

Updated information is in *blue text* (Note: this is for accessibility reasons).

SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua.
- A State of National Emergency was declared on 14 February 2023, extended on Tuesday 21 February for another seven days and then again on Tuesday 28 February for a further seven days. From 28 February, the State of National Emergency ceased to apply to the Bay of Plenty.
- On Friday 3 March, the states of national emergency for Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District were terminated. A notice of a national transition period over these areas came into effect immediately.
- The national transition period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The national transition period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle. Police have confirmed that there are no persons remaining unaccounted for as of today.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As at Friday 3 March, \$58.877 million (up \$1.08 million) of Ministry of Social Development Civil Defence Grants have been paid to 104,871 people (up 1,410). Yesterday \$1.078 million was paid to 2,259 people.

Weather

- On Saturday 4 March, there is a Severe Thunderstorm Watch in place for Bay of Plenty, Taupō, Gisborne, and Hawke's Bay with a moderate risk of thunderstorms for central and eastern parts of the North Island in the afternoon and evening. These thunderstorms will bring localised heavy rain and small hail. In addition, these thunderstorms are expected to be slow-moving, and consequently there is a moderate risk that some of these storms could become severe, producing localised downpours of 25 to 40mm per hour, or possibly more. The areas at risk are eastern Bay of Plenty, eastern Taupō, inland Gisborne, and Hawke's Bay.
- A slow-moving trough lying over Coromandel Peninsula early on Monday morning may bring a period of heavy rain and possible thunderstorms during the early morning. There is low confidence of rainfall amounts reaching warning criteria.
- A strengthening northwest flow should then spread onto the South Island on Tuesday, bringing rain to western areas. There is low confidence rainfall amounts will reach warning criteria in Fiordland on Tuesday.
- Tropical Cyclone Judy has been reclassified as an ex-tropical low this morning and is not expected to affect New Zealand. Tropical Cyclone Kevin lies to the southwest of Vanuatu and is moving southeast and is also not expected to impact New Zealand.

Key Risks and Issues

- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular. If families still living in yellow stickered houses begin to experience health concerns due to exposure, there may be an increase in demand for alternative accommodation from TAS.

- Silt and waste removal and clean-up will continue to become a significant issue once building assessments are complete. This could put significant strain on waste removal contractors and waste storage facilities. [The NCC and relevant ECCs continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated properties. The Ministry for the Environment is supporting this work.](#) The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in Solid Waste Management. Rapid preliminary health and safety advice on clearing silt and contaminated waste has been prepared as a 'single source of truth', with the intent of preparing more substantive guidance.
- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is a multi-agency analysis occurring which could determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation. A comprehensive health and public health risk assessment process to inform response and recovery is being developed and coordinated through the National Health Coordination Centre (NHCC).
- Increasing community and industry interest on expected timeframes for the opening of roads in Hawke's Bay and Tairāwhiti is being observed by Waka Kotahi. Waka Kotahi will send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. The uncertainty about the reliability of the network in areas where damage is not currently clear will highly likely continue, and future slips, dropouts, or cracks are likely to occur with little forewarning. While Waka Kotahi can assess the stability of the network as much as possible, in some instances indicators of damage may be unobservable at the time of inspection.
- Inaccessibility of local roads remains a key concern for communities in Hawke's Bay and Tairāwhiti. Further demands on contractors are likely as regions transition from response to recovery, particularly as critical State Highway routes are restored, and contractors are made more available for local roads. Ongoing fatigue will almost certainly impact contractors, and labour shortages are possible due to the lengthy recovery ahead.
- At 3:00PM Saturday 4 March there were 1,596 customers without power nationally, down by 459 customers. Approximately 99.8% of power in the impacted regions has been restored. [Outside of Hawke's Bay, remaining outages are either to unoccupied premises, require the owner to undertake works to make their electrical wiring and installation safe, or are being assessed for disconnection and removal.](#)
- As at Friday 3 March there were 3 schools and 17 early learning services (ELS) closed across Hawke's Bay and Tairāwhiti. 4 additional schools have reopened at alternate sites while 3 are utilising distance leading to provide continuity to students. 9 of the 17 ELS closures are Te Kōhanga Reo; Te Kōhanga Reo National Trust Board is working closely to support these Kōhanga.
- [Te Whatu Ora reports that there remains no significant increase in gastroenteric illness.](#) There have been nine cases of leptospirosis reported in Hawke's Bay since 22 February 2023, six have reported contact with flood water and one of these cases is laboratory confirmed. There are also cases of Norovirus in the region. Taumata Arowai have found no indication to suggest cases of leptospirosis and Norovirus are linked to drinking water, however contingency planning is in progress.



NCC ACTIONS

Actions carried out

- NCC Logistics has facilitated the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM on 3 March there are 88 surge staff currently deployed to CDEM Groups, of which 74 are in Hawke's Bay, 9 in Auckland, and 5 in Tairāwhiti. Additionally, 6 EMAT staff are currently deployed.
- The NCC PIM team has been sharing messages about what support is available and how to stay safe while cleaning up, and sharing relevant messages from other agencies.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the daily National Welfare Coordination Meeting (NWCG) and providing support and specialist advice to CDEM Group Welfare Managers where required. From Monday 6 March, the NWCG will now occur on a Monday, Wednesday, Friday. NCC Welfare have also undertaken the following actions:
 - Ensuring situational awareness is maintained for isolated/satellite communities of any ongoing needs and plans for the transition to recovery.
 - Monitoring and supporting the needs assessment process in the Hawke's Bay, including demand for the new 0800 phone number. NCC Welfare is working to ensure that there is no confusion between the HB 0800 number and other support lines (such as MSD's 0800 Floodline and Te Whatu Ora's 1737 number).
 - NEMA are surging people into Hawke's Bay Regional Distribution Hub Hastings Food Centre next week.
 - Monitoring Northland food security.
 - Continuing All of Government (AoG) Social recovery.
 - Monitoring the growing need for psychosocial support and profiling specific needs.
 - Liaising with CDEM Group Welfare, MSD and TAS on any arising shelter and accommodation issues, alongside supporting MBIE TAS in getting people out of CDCs.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori, to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu is starting to hear from some Māori entities about recovery needs and of reports of further damage and impacts in Māori communities particularly across Hawkes Bay, Wairoa and Tairāwhiti. Key outputs for NCC Kaitohutohu include but are not limited to:
 - Continuing engagement with Ministerial Advisory Committee (MAC) members to determine how their expertise can be best utilised.
 - Met with Iwi Comms Collective with updated pānui for Māori communities including new funding announcements from the government.
 - Working with NCC Operations on a number of reimbursement requests from iwi providers/groups.
 - Connecting with NCC Welfare regarding the feedback from Tokomaru Bay community.
- NCC Safety have prepared the National Risk Assessment which is now in the review stage and when finalised will be sent to Control for approval. On Wednesday 1 March NCC Safety released the Preliminary Guidance – Contaminated Soil/Silt & Flood Contaminated Waste document.

- NCC Safety are also:
 - Continually updating NCC and Deployed staff guidance on Covid-19 protocols and PPE.
 - Conducting targeted welfare checks, as some staff are now feeling the effects of prolonged fatigue.
 - Working on dynamic guidance for shift management and work schedules.
 - Attending (alongside NCC Planning and the Ministry for the Environment) the National Solid Waste meeting daily and supporting councils with their issues and concerns.
 - Working closely beside NCC Planning and Policy and the Ministry for the Environment in working through a 'National funding mechanism' for the areas in need of financial assistance to conduct the necessary solid waste operations.
- NCC Planning have three current priorities:
 - Response to Recovery Transition Report – NCC Planning are developing the draft transition report on behalf of the National Controller, which includes all the key response activities that have taken place so far and forecasting into what response activities are likely to occur through transition to recovery. This report is due when the State of National Emergency expires or is terminated.
 - Bridge Prioritisation – A working group has been established to analyse the technical data received through the local authorities and Waka Kotahi, overlaid with the response priorities to connect cut-off communities via road. Whilst up to six urgent bridges have already been progressed (such as Opoiti bridge), the working group is scoping how the remaining local and regional road access are prioritised to ensure that we maximise the resources available to achieve outcomes for the community.
 - Solid Waste – NCC Planning has been supporting NCC Policy in the development of possible funding mechanisms for the silt management and collaborating with NCC Safety, STAC and NCC Intelligence to enable the regional clean up through provision of advice, mapping and planning material.



MULTI-AGENCY ACTIONS AND RESOURCES

- As at 3:00PM 3 March, 32 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 19 Countries/Economies
 - 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- Over the period Sunday 5 - Wednesday 8 March 15 personnel from the USA are expected in New Zealand to support different aspects of response and recovery activities.
 - Two Royal Australian Air Force and other Australian specialists have been working on the ground with FENZ and NZDF. 33 staff from Fiji are working with NZDF, FENZ and the NCC.
- NZ Response Teams (NZRT) continue to support CDEM Groups with response activities. This week there are 10 volunteers deployed to Auckland and 21 volunteers deployed to Hawke's Bay.
- Te Whatu Ora / Health New Zealand have released guidance on Keeping safe whilst walking along beaches and rivers after a flood event. The guidance addresses risks such as biological and chemical hazards as well as the risk posed by submerged objects.

- The National Health Coordination Centre (NHCC) is reviewing the required response team size as we transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; a number of initiatives are in place and underway.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. The line received 3,065 calls yesterday (3 March). The line will be operational on Saturday from 8am – 1pm but closed Sunday.
- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) has been activated for Northland, Auckland, Bay of Plenty, Tairāwhiti, Hawke's Bay, Gisborne, Waikato and the Tararua District. As at 3.00PM 3 March, 1388 households had registered with TAS across all affected regions. MBIE TAS are surging additional staff to support the response and decrease waiting time.
- MPI is working with farm supply companies, such as Farmlands and PGG Wrightson, and vets to ensure critical supplies get to cut-off communities with no road access. Helicopters and Unimogs are being used for the deliveries.



RECOVERY

- NEMA Recovery working on Transition to Recovery Report with Control and Planning, and reviewing draft report from Auckland Emergency Management
- Ongoing staffing into recovery for both NEMA and the regions has become a challenge as there are health risks and fatigue among personnel in regions with multiple operational and recovery responsibilities. Scoping the availability of recovery practitioners to assist.

KEY REGIONAL UPDATES – Areas under State of National Emergency



HAWKE'S BAY

Activation Status	CDEM Group ECC activated. All EOCs activated.
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AFFECTED COMMUNITIES

- Hawke's Bay CDEM released [Action Plan 16](#) covering the operational period 6:00PM Friday 3 March through to 6:00PM Wednesday 8 March. Initial recovery planning has commenced, with coordination between regional and district councils and the determination of appropriate recovery structures and the agreed priorities.
- Isolated remote communities continue to be a top priority. Clarification is being gained from Wairoa EOC around possible isolated communities that have not yet been visited. There are plans in place to continue visiting isolated communities and providing them with supplies. As at 3:00PM Friday 3 March, 31 isolated and satellite communities remain. Ongoing planning continues to manage the risks

around community river crossings and access issues for isolate communities. Dartmoor River access by canoe and pully system presents challenges around the safety and security of its use.

- On Monday 6 March, Operation Tūhono will commence. It is a 3-day operation to reconnect and establish definitive communications with 25 satellite communities. The Action Plan for Op Tūhono was distributed at 2:03PM on Saturday 4 March.
- Approximately 191 people stayed overnight in 7 CDCs and CLCs in Napier, Hastings and Wairoa on Friday 3 March. The remaining CDCs and CLCs are open during the day with some acting as food distribution hubs but are closed to overnight stays.
- As of Saturday 4 March, the following placards were issued as a result of Building Assessments: 87 red, 1,034 yellow, and 379 white placards (no change from Wednesday 1 March).
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials and sanitary items, generators and fuel. Iwi continues to lead the operation, in partnership with CDEM and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land.
- MPI are working on distributing supplies to rural areas including essential resources for fencing, fuel, and generators. They are working closely with the Regional Distribution Centre.

CRITICAL INFRASTRUCTURE

- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Two major routes in the region remain closed: SH2 Napier to Wairoa and SH5 Napier to Taupo (closed to the public, open to emergency services). While these roads are closed, some communities will remain isolated.
- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi is occurring to work through the prioritisation of Bailey bridges. The Opoiti Bridge in Wairoa has had a Bailey Bridge installation completed. Rissington Bridge and SH2 Waikare River Bridge have confirmed the instalment and are proceeding with pre-implementation design and site works. Four bridges in the Hastings District have also been confirmed as sites for further assessment of technical suitability for a Bailey Bridge. These are the Moeangiangi Bridge on Waikare Road, the Whanawhana Bridge, the Ellis-Wallace Bridge and the Mangatutu Low-Level Bridge.
- The failure and collapse of the Te Reinga Bridge over the Wairoa River is imminent and will cut off the Ruakitiri community's shortest supply route to Wairoa. Options for immediate disassembly are being prepared.
- Solid waste management regional overview plan is being developed. It includes vital coordination strategies and actions, clarity around roles and responsibilities of waste workstreams, key issues and risks and public information.
- Rail lines in and out of Hawke's Bay are closed due to significant damage. KiwiRail is aiming to open the line between Woodville and Hastings within the month of March. The line between Hastings and Napier is expected to take months to reopen. Napier to Wairoa is expected to remain closed for some time, given the focus is on reopening the line to Napier.
- As at 3:00PM Saturday 4 March there were 1,536 customers without power in Hawke's Bay. The Region is at 97.94% restored. Transpower continues to work on bringing the interconnecting transformer at Redclyffe into service. It is estimated to be back in service by mid next week. This will increase supply resilience into Hawke's Bay and improve voltage issues in the Unison network.
- Napier EOC is preparing to implement a hard cordon, and a shelter for residents (17 households) near the Awatoto Water Treatment Plant following advice from the Science and Technical Advisory Committee (STAC) and ongoing health risks associated with flood-related contamination of land.
- Napier City Council began to access the plant on Saturday 4 March. Once access is gained, clean-up can begin. Clean-up is anticipated to take at least a week, after which they can start to look into recommissioning the plant.

TAIRĀWHITI

Activation Status

CDEM Group ECC has stood down for the weekend and will re-open on Monday.

AFFECTED COMMUNITIES

- As of 2 March, 11 buildings have been issued with red placards and 170 with yellow placards.
- As of 2 March, 39 people were being housed across three welfare centres.
- CDEM note an increased number of animal welfare issues arising from the rapid needs assessments. These are mainly livestock issues include issues retaining stock on properties due to lost fencing, water issues due to broken water systems and access to animal welfare supplies (mainly due to isolation).
- Welfare provision is becoming more granular and focused on complex cases.
- Food provision is still necessary for isolated communities. CDEM is confident that supermarkets (4-Square primarily) across the east coast have adequate supplies.
- Gisborne's main water supply line remains compromised. A supplementary plant (Waipoa) is being used at a reduced capacity, meaning significant water restrictions have been implemented. However, supply is staying ahead of demand.
- Silt and waste management planning is underway to support clean-up, prioritising identifying dumping sites and safety messaging. There are concerns with handling potentially flood-damaged asbestos-contaminated materials for both public and clearance personnel.

CRITICAL INFRASTRUCTURE

- As at 8:30AM Saturday 4 March there are 23 consumers (down from 34 yesterday) without access to power.
- Due to a slip, SH2 to Opotiki is down to one lane under stop/go traffic management. This section of the highway remains very fragile and unstable.
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. Planning is underway for the installation of a temporary Bailey Bridge at Hikuwai. A bypass being constructed by local contractors at Mangahauini is being assessed by Waka Kotahi to ensure it is fit for purpose.
- The Ihungia-Mata loop road between Tokomaru Bay and Te Puia Springs has been established. It will open at set times for 4WD vehicles and supply trucks. This detour allows this area to get much needed supplies and services.

KEY REGIONAL UPDATES – Areas under National Transition Period



NORTHLAND

Activation Status	CDEM Group ECC and EOCs are not activated.
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AFFECTED COMMUNITIES

- There is a Welfare Recovery Transition Strategy in development.
- As of 2 March, the following placards were issued as a result of Building Assessments: 42 red, 57 yellow, and 62 white placards.

CRITICAL INFRASTRUCTURE

- Transpower has identified a significant slip south of Wellsford which is threatening to undermine towers on two separate transmission lines. The proximity of the lines means the failure of the 110kv tower could result in the loss of the 220kv line where they cross, cutting power to Northland from Warkworth north. As a precaution Transpower have removed the 110kv line from service and will lower it to the ground. Transpower is working to relocate towers on both lines away from the slip. No further notable ground or tower movement has been reported, the remediation work remains on track.
- As at 3:30PM Friday 3 March, SH1 at Brynderwyn is open to northbound vehicles (excluding over-dimensional loads). Southbound traffic is still required to use the detour route via SH12 and SH14. The detour route has a weight limit of 50 tonnes. Work is underway to establish the viability of putting heavy goods vehicles through the detour route where there are vulnerable bridges, this may require temporary speed restrictions. Waka Kotahi estimate full opening of the highway towards the end of March.

AUCKLAND

Activation Status	CDEM Group ECC activated, with on-call arrangements in place over the weekend.
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AFFECTED COMMUNITIES

- Te Pae o Kura CDC (Kelston) has now closed and will transition to become a temporary logistics distribution hub on Saturday.
- As of Friday 3 March, the following placards were issued as a result of Building Assessments: 585 red placards, 2,283 yellow placards and 4,191 white placards (for both January and February weather events).
- As at 3 March, approximately 917 households in Auckland have registered with Temporary Accommodation Service (TAS). MBIE TAS report more availability of hotels and motels this week, but it is anticipated supply may become constricted again around 7 March due to a concert in

Auckland. TAS are still experiencing households declining accommodation options due to distance from their community (i.e., school and workplace).

- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service agencies.
- An ongoing engagement plan is being drawn up with insurers to partner with Auckland Council on structured and planned in-person support for homeowners.
- Cordons are now in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. Vehicle passes for residents are being issued at Muriwai and Piha surf clubs. A community meeting was held in Muriwai on Thursday 2 March. Community meetings are planned for Karekare (7 March) and Piha next week.
- Auckland will move to recovery transition reporting from Monday 6 March.

CRITICAL INFRASTRUCTURE

- Vector's emergency response has ceased as all customers have been resupplied. Their BAU focus is in restoring and rebuilding the networks to their pre cyclone condition and removing temporary fixes and network generation and reinstating permanent network connections. This is expected to take 3-6 months.
- As of 3 March, 32 roads remain fully closed, and 5 partially closed. Geotechnical assessments are being undertaken.

WAIKATO

Activation Status

CDEM Group ECC activated in support mode during business hours. Thames Coromandel EOC and Waikato District EOC activated.

AFFECTED COMMUNITIES

- There are currently eight people that will require long term support from TAS in the Thames Coromandel District. As of [Saturday 4 March](#), the following placards have been issued as a result of Building Assessments: 20 red placards, 36 yellow placards, 47 white placards (no change from Wednesday 1 March).

CRITICAL INFRASTRUCTURE

- SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times.
- As at 7:57AM 4 March, SH23 has been reinstated and is open. Previously this was open on a by-pass local road restricted to light vehicles.

TARARUA

Activation Status

Tararua District Council EOC activated.

AFFECTED COMMUNITIES

- As of [Saturday 4 March](#), the following placards were issued as a result of Rapid Building Assessments: 6 red, 9 yellow, and 9 white placards (no change from yesterday).

- Aerial reconnaissance indicates that the damage in the Tararua area to roading and lifelines utilities is significant, and some rural communities are isolated.
- Isolated properties due to road closures continue to be identified. A property on the closed section of Waihoki Valley Road required welfare support and food supplies were to be delivered yesterday (on 3 March).

CRITICAL INFRASTRUCTURE

- Contractors and structural engineers are carrying out assessments on bridges within the Pohangina Valley in the Manawatu District. It is estimated it will be three months before the Konewa Bridge is replaced with a temporary crossing.
- As at 3 March, 13 local roads are closed across the district affecting about 200 households, although resident access is being allowed on these roads.



PUBLIC INFORMATION

Public information is being led by local Emergency Management. You can access the latest messaging here:

Northland: <https://www.facebook.com/civildefencenorthland/>

Auckland: <https://www.aucklandemergencymanagement.org.nz/major-incident/flooding-2023>

Coromandel: <https://www.facebook.com/ThamesCoromandelDistrictCouncil/>

Waikato: <https://www.waikatoregioncdemg.govt.nz/>

Tairāwhiti: <https://www.gdc.govt.nz/services/civil-defence>

Hawke's Bay: <https://www.hbemergency.govt.nz/>

Tararua District Council: <https://www.tararuadc.govt.nz/services/emergency-management/updates>

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. The donation of physical goods, whilst extremely generous and well intentioned, is not the most effective way to help right at this minute. Monetary donations enable support organisations to provide exactly what is needed to those most affected.
- There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- On Friday 3 March, the Government ended the states of national emergency over the Northland, Auckland, and Waikato regions and the Tararua District. These areas have now moved to a national transition period.
- Tairāwhiti and Hawke's Bay are still in an active response phase and will remain under a state of national emergency at the present time.
- The national state of emergency was first declared on 14 February, extended on 21 February and was extended again on 28 February.

- Cyclone Gabrielle has resulted in widespread damage and impacts across many regions and districts in Aotearoa New Zealand. The scale and complexity differ across these districts and regions and therefore the timing for when they transition into recovery will likely be different.
- It is up to each region, working with the National Emergency Management Agency, to determine when they are ready to move into a recovery phase. This decision must be based on the needs of their communities and the ongoing impacts they are managing.
- The biggest factor in determining whether an area should move into a recovery phase is the stability of that community. That includes access, the supply chain of food and goods being re-established, the supply of power and water, and ensuring everyone has a safe place to sleep at night.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. A National declaration is a partnership between central government and local authorities. It allows the Government, through NEMA, to support the affected regions.
- The National declaration only applies to the parts of New Zealand that have been severely affected by Cyclone Gabrielle.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible.
- Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Floodwater can carry bacteria that can contaminate food. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities.
- Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- When cleaning up silt use normal low-pressure hoses and brooms to push wet material without making it airborne.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high.
- Do not attempt to burn: fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- In power outages use torches instead of candles, and only use camp cookers and BBQs outdoors.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Before you dig website and beforeudig.co.nz for all utilities.
- Keep up to date with MetService's Severe Weather Warnings and your local Civil Defence Emergency Management Group.



- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- Floods and flash floods can happen quickly. If you see rising water, do not wait for official warnings. Head for higher ground and stay away from floodwater.
- As at 8:00AM Wednesday 1 March Version 6 of the all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages. <https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

? ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1700 hours on 5 March 2023

Please send Agency updates and products to 9(2)(a) [redacted] and 9(2)(a) [redacted] for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 038

ISSUED AT 17:00 HOURS ON 5 MARCH 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	<p>State of National Emergency covering Tairāwhiti Hawke's Bay</p> <p>National Transition Period covering Northland Auckland Waikato Taranua District</p>														
Activation status:	Time declared:														
Mode 4 Lead/Direct	<p>State of National Emergency Tairāwhiti and Hawke's Bay: 8:43AM 14 February 2023 – 8:43AM 7 March 2023</p> <p>National Transition Period Northland, Auckland, Waikato, and Taranua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023</p>														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) [REDACTED] Phone: 9(2)(a) [REDACTED]	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 4	S														
	↓														
N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua.
- A State of National Emergency was declared on 14 February 2023, extended on Tuesday 21 February for another seven days and then again on Tuesday 28 February for a further seven days. From 28 February, the State of National Emergency ceased to apply to the Bay of Plenty.
- On Friday 3 March, the states of national emergency for Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District were terminated. A notice of a national transition period over these areas came into effect immediately.
- The national transition period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The national transition period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle. Police have confirmed that there are no persons remaining unaccounted for as of Thursday 2 March.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As at Friday 3 March, \$58.877 million (up \$1.08 million) of Ministry of Social Development Civil Defence Grants have been paid to 104,871 people (up 1,410). On 3 March, \$1.078 million was paid to 2,259 people.

Weather

- On Sunday 5 March, a southerly flow covers the country, with cooling temperatures aloft keeping the atmosphere unstable. There is a risk of severe thunderstorms/downpours for Coromandel, western Bay of Plenty and Rotorua developing this afternoon. A Heavy Rain Watch is in force for Coromandel, Western Bay of Plenty and Rotorua from this afternoon until Monday morning. There is a risk of severe thunderstorms in Coromandel, Western Bay of Plenty and Rotorua, including the Hauraki and Matamata-Piako districts.
- Rain or showers affecting Canterbury and Marlborough is expected to spread north through Wairarapa, Hawke's Bay and Tairāwhiti this afternoon and evening (Sunday). These showers then slowly ease and clear from the south on Monday, however, showers are likely to persist about the Wairoa District until Tuesday morning.
- A front is expected to approach New Zealand on Tuesday, then move north over the South Island on Wednesday bringing rain to western areas and dry northwesterlies to the east. Note, heavy rain is likely about western parts of the South Island from Wednesday to Thursday.
- Tropical Cyclone Kevin is expected to lie over open waters to the northeast of New Zealand by Monday, following a similar path to Ex-Tropical Cyclone Judy, and is not expected to impact New Zealand.

Key Risks and Issues

- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular. If families still living in yellow stickered houses begin to experience health concerns due to exposure, there may be an increase in demand for alternative accommodation from TAS.

- Silt and waste removal and clean-up will continue to become a significant issue once building assessments are complete. This could put significant strain on waste removal contractors and waste storage facilities. The NCC and relevant ECCs continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated properties. The Ministry for the Environment is supporting this work. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in solid waste management.
- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is a multi-agency analysis occurring which could determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation. A comprehensive health and public health risk assessment process to inform response and recovery is being developed and coordinated through the National Health Coordination Centre (NHCC).
- Increasing community and industry interest on expected timeframes for the opening of roads in Hawke's Bay and Tairāwhiti is being observed by Waka Kotahi. Waka Kotahi will send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. The uncertainty about the reliability of the network in areas where damage is not currently clear will highly likely continue, and future slips, dropouts, or cracks are likely to occur with little forewarning. While Waka Kotahi can assess the stability of the network as much as possible, in some instances indicators of damage may be unobservable at the time of inspection.
- At 3:30PM Sunday 5 March there were 1,453 customers without power nationally, down by 143 customers, 1,393 of those are in Hawkes Bay. Outside of Hawke's Bay, remaining outages are either to unoccupied premises, require the owner to undertake works to make their electrical wiring and installation safe, or are being assessed for disconnection and removal.
- As of Friday 3 March there were 3 schools and 17 early learning services (ELS) closed across Hawke's Bay and Tairāwhiti. 4 additional schools have reopened at alternate sites while 3 are utilising distance leading to provide continuity to students. 9 of the 17 ELS closures are Te Kōhanga Reo; Te Kōhanga Reo National Trust Board is working closely to support these Kōhanga.
- Te Whatu Ora reports that there remains no significant increase in gastroenteric illness. There have been nine cases of leptospirosis reported in Hawke's Bay since 22 February 2023, six have reported contact with flood water and one of these cases is laboratory confirmed. There are also cases of Norovirus in the region. Taumata Arowai have found no indication to suggest cases of leptospirosis and Norovirus are linked to drinking water, however contingency planning is in progress.
- Vehicle recovery operators in Hawke's Bay and Tairāwhiti are reporting being inundated with requests to recover flood-damaged vehicles as silt removal and clean up allows access to retrieve them. The Insurance Council of New Zealand have reached out as insurance companies may have a solution to this issue.



NCC ACTIONS

Actions carried out

- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions.

- The NCC PIM team has been sharing messages about what support is available and how to stay safe while cleaning up, and sharing relevant messages from other agencies.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the National Welfare Coordination Meeting (NWCG) and providing support and specialist advice to CDEM Group Welfare Managers where required. From Monday 6 March, the NWCG will now occur on a Monday, Wednesday, Friday. NCC Welfare have also undertaken the following actions:
 - Procured assurance on Hawke's Bay needs assessment system along with timelines for complete implementation.
 - Obtained insight on a welfare outreach programme aiming to ensure that satellite communities have the supply they need.
 - Ensuring situational awareness is maintained for isolated/satellite communities of any ongoing needs and plans for the transition to recovery.
 - Monitoring and supporting the needs assessment process in the Hawke's Bay, including demand for the 0800 phone number. NCC Welfare is working to ensure that there is no confusion between the HB 0800 number and other support lines (such as MSD's 0800 Floodline and Te Whatu Ora's 1737 number).
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori, to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu is starting to hear from some Māori entities about recovery needs and of reports of further damage and impacts in Māori communities particularly across Hawkes Bay, Wairoa and Tairāwhiti. Key outputs for NCC Kaitohutohu include but are not limited to:
 - Continuing engagement with Ministerial Advisory Committee (MAC) members to determine how their expertise can be best utilised.
 - Working with NCC Operations on a number of reimbursement requests from iwi providers/groups.
- NCC Safety have prepared the National Risk Assessment which is now in the review and approval. On Wednesday 1 March NCC Safety released the Preliminary Guidance – Contaminated Soil/Silt and Flood Contaminated Waste document.
- NCC Safety are also:
 - Working closely beside NCC Planning and Policy and the Ministry for the Environment in working through a 'National funding mechanism' for the areas in need of financial assistance to conduct the necessary solid waste operations.
- NCC Planning have three current priorities:
 - Response to Recovery Transition Report – NCC Planning are developing the draft transition report on behalf of the National Controller, which includes all the key response activities that have taken place so far and forecasting into what response activities are likely to occur through transition to recovery. This report is due when the State of National Emergency expires or is terminated.
 - Bridge Prioritisation – A working group has been established to analyse the technical data received through the local authorities and Waka Kotahi, overlaid with the response priorities to connect cut-off communities via road. Whilst up to six urgent bridges have already been progressed (such as Opoiti bridge), the working group is scoping how the remaining local and regional road access are prioritised to ensure that we maximise the resources available to achieve outcomes for the community.

- Solid Waste – NCC Planning has been supporting NCC Policy in the development of possible funding mechanisms for the silt management and collaborating with NCC Safety, STAC and NCC Intelligence to enable the regional clean up through provision of advice, mapping and planning material.



MULTI-AGENCY ACTIONS AND RESOURCES

- As at Friday 3 March, 32 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 19 Countries/Economies
 - 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- Over the period Sunday 5 - Wednesday 8 March 15 personnel from the USA are expected in New Zealand to support different aspects of response and recovery activities.
 - Two Royal Australian Air Force and other Australian specialists have been working on the ground with FENZ and NZDF. 33 staff from Fiji are working with NZDF, FENZ and the NCC.
- NZ Response Teams (NZRT) continue to support CDEM Groups with response activities. This week there are 10 volunteers deployed to Auckland and 21 volunteers deployed to Hawke's Bay.
- Te Whatu Ora / Health New Zealand have released guidance on Keeping safe whilst walking along beaches and rivers after a flood event. The guidance addresses risks such as biological and chemical hazards as well as the risk posed by submerged objects.
- The National Health Coordination Centre (NHCC) is reviewing the required response team size as we transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; a number of initiatives are in place and underway.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. The line received 3,065 calls on Friday 3 March. [The line was operational yesterday\(Saturday\) but closed today \(Sunday\).](#)
- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) has been activated for Northland, Auckland, Bay of Plenty, Tairāwhiti, Hawke's Bay, Gisborne, Waikato and the Tararua District. As of 3 March, 1,388 households had registered with TAS across all affected regions. MBIE TAS are surging additional staff to support the response and decrease waiting time.
- MPI is working with farm supply companies, such as Farmlands and PGG Wrightson, and vets to ensure critical supplies get to cut-off communities with no road access. Helicopters and Unimogs are being used for the deliveries.



RECOVERY

- NEMA Recovery are working on the Transition to Recovery Report with NCC Control and NCC Planning, and are reviewing the draft report from Auckland Emergency Management.

- Ongoing staffing into recovery for both NEMA and the regions has become a challenge as there are health risks and fatigue among personnel in regions with multiple operational and recovery responsibilities. Scoping the availability of recovery practitioners to assist.

KEY REGIONAL UPDATES – Areas under State of National Emergency



HAWKE'S BAY

Activation Status	CDEM Group ECC activated. All EOCs activated.
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AFFECTED COMMUNITIES

- Hawke's Bay CDEM released Action Plan 16 covering the operational period 6:00PM Friday 3 March through to 6:00PM Wednesday 8 March. Initial recovery planning has commenced, with coordination between regional and district councils and the determination of appropriate recovery structures and the agreed priorities.
- Isolated remote communities continue to be a top priority. Clarification is being gained from Wairoa EOC around possible isolated communities that have not yet been visited. There are plans in place to continue visiting isolated communities and providing them with supplies. As at 3:00PM Friday 3 March, 31 isolated and satellite communities remain. Ongoing planning continues to manage the risks around community river crossings and access issues for isolate communities. Dartmoor River access by canoe and pully system presents challenges around the safety and security of its use. In Wakarara in Central Hawke's Bay a temporary farm access detour is now unsafe and shut down due to some ground being lost. As a result, up to 30 people are potentially isolated for the next week or two. The community has been contacted and welfare needs will be monitored.
- On Monday 6 March, a welfare outreach programme will commence. It is a 3-day operation to reconnect and establish definitive communications with 25 satellite communities, approximately 108 properties across the Hawke's Bay region. The Action Plan for a welfare outreach programme was distributed at 2:03PM on Saturday 4 March. A coordination brief for participating functions and agencies occurred at 2:00PM on Sunday 5 March.
- Four CDCs/CLCs remain open in Hawke's Bay accommodating 147 people overnight. This is a decrease of 44 people.
- As of Wednesday 3 March, the following placards were issued as a result of Building Assessments: 87 red, 1,036 yellow, and 379 white placards.
- On Friday 3 March an automated system that directly refers welfare needs to agencies was activated. The second phase of the automation is expected to go live on Tuesday 7 March, and the final phase on Tuesday 14 March. This should enable community needs in response and ongoing needs into recovery to be met more efficiently with the referral going directly to the appropriate agency.
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials and sanitary items, generators and fuel. Iwi continues to lead the operation, in partnership with CDEM and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land.
- MPI are working on distributing supplies to rural areas including essential resources for fencing, fuel, and generators. They are working closely with the Regional Distribution Centre.

CRITICAL INFRASTRUCTURE

- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Two major routes in the region remain closed: SH2 Napier to Wairoa and SH5 Napier to Taupo (closed to the public, open to emergency services). While these roads are closed, some communities will remain isolated. **As of Saturday 4 March light vehicles can access Tutira past the 'Devil's Elbow'.**
- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi is occurring to work through the prioritisation of Bailey bridges. The Opoiti Bridge in Wairoa has had a Bailey Bridge installation completed. Rissington Bridge and SH2 Waikare River Bridge have confirmed the instalment and are proceeding with pre-implementation design and site works. Four bridges in the Hastings District have also been confirmed as sites for further assessment of technical suitability for a Bailey Bridge. These are the Moeangiāngi Bridge on Waikare Road, the Whanawhana Bridge, the Ellis-Wallace Bridge and the Mangatutu Low-Level Bridge.
- The failure and collapse of the Te Reinga Bridge over the Wairoa River is imminent and will cut off the Ruakitiri community's shortest supply route to Wairoa. Options for immediate disassembly are being prepared.
- Solid waste management regional overview plan is being developed. It includes vital coordination strategies and actions, clarity around roles and responsibilities of waste workstreams, key issues and risks and public information.
- **Fuel storage continues to be an issue, this is caused by a shortage of containers. Messaging to communities asks the communities to bring empty containers to the Community Hubs to allow reuse. This will ensure a more consistent fuel delivery service. Alternative suitable containers are being sourced.**
- Rail lines in and out of Hawke's Bay are closed due to significant damage. KiwiRail is aiming to open the line between Woodville and Hastings within the month of March. The line between Hastings and Napier is expected to take months to reopen. Napier to Wairoa is expected to remain closed for some time, given the focus is on reopening the line to Napier.
- As at 3:30PM Sunday 5 March there were 1,393 customers without power in Hawke's Bay. The Region is at 98.13% restored. Transpower continues to work on bringing the interconnecting transformer at Redclyffe into service. It is estimated to be back in service by mid next week. This will increase supply resilience into Hawke's Bay and improve voltage issues in the Unison network.
- **Today (5 March) Napier City Council has put in place a cordon around the Awatoto Industrial area due to the potential health risk to people in the contaminated area.**
- Napier City Council began to access the plant on Saturday 4 March. Once access is gained, clean-up can begin. Clean-up is anticipated to take at least a week, after which they can start to look into recommissioning the plant.

TAIRĀWHITI

Activation Status

CDEM Group ECC has stood down for the weekend and will re-open on Monday.

AFFECTED COMMUNITIES

- As of 3 March, 11 buildings have been issued with red placards and 170 with yellow placards (no change).



- CDEM note an increased number of animal welfare issues arising from the rapid needs assessments. These are mainly livestock issues include issues retaining stock on properties due to lost fencing, water issues due to broken water systems and access to animal welfare supplies (mainly due to isolation).
- Welfare provision is becoming more granular and focused on complex cases.
- Food provision is still necessary for isolated communities. CDEM is confident that supermarkets (4-Square primarily) across the east coast have adequate supplies.
- Gisborne’s main water supply line remains compromised. A supplementary plant (Waipoa) is being used at a reduced capacity, meaning significant water restrictions have been implemented. However, supply is staying ahead of demand.
- Silt and waste management planning is underway to support clean-up, prioritising identifying dumping sites and safety messaging. There are concerns with handling potentially flood-damaged asbestos-contaminated materials for both public and clearance personnel.

CRITICAL INFRASTRUCTURE

- As at 8:30AM **Sunday 5 March** there are 23 consumers (no change from yesterday) without access to power.
- Due to a slip, SH2 Gisborne to Opotiki is down to one lane under stop/go traffic management. This section of the highway remains very fragile and unstable. **As of Sunday 5 March, Waka Kotahi have decided to close this road overnight from 9:00PM to 4:00AM to manage the risk of loose trees/slips coming down at night. Further work has been identified for contractors to carry out before it can be reopened overnight.**
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. Planning is underway for the installation of a temporary Bailey Bridge at Hikuwai. A bypass being constructed by local contractors at Mangahauini is being assessed by Waka Kotahi to ensure it is fit for purpose.
- The Ihungia-Mata loop road between Tokomaru Bay and Te Puia Springs has been established. It will open at set times for 4WD vehicles and supply trucks. This detour allows this area to get much needed supplies and services.

KEY REGIONAL UPDATES – Areas under National Transition Period



NORTHLAND	
Activation Status	CDEM Group ECC and EOCs are not activated.

AFFECTED COMMUNITIES

- There is a Welfare Recovery Transition Strategy in development.
- As of 3 March, the following placards were issued as a result of Building Assessments: 42 red, 57 yellow, and 62 white placards.

CRITICAL INFRASTRUCTURE

- Transpower has identified a significant slip south of Wellsford which is threatening to undermine towers on two separate transmission lines. The proximity of the lines means the failure of the 110kv tower could result in the loss of the 220kv line where they cross, cutting power to Northland from Warkworth north. As a precaution Transpower have removed the 110kv line from service and will lower it to the ground. Transpower is working to relocate towers on both lines away from the slip. No further notable ground or tower movement has been reported, the remediation work remains on track.
- As of 3 March, SH1 at Brynderwyn is open to northbound vehicles. Southbound traffic is still required to use the detour route via SH12 and SH14. The detour route has a weight limit of 50 tonnes. Work is underway to establish the viability of putting heavy goods vehicles through the detour route where there are vulnerable bridges, this may require temporary speed restrictions. Waka Kotahi estimate full opening of the highway towards the end of March.

AUCKLAND

Activation Status

CDEM Group ECC activated, with on-call arrangements in place over the weekend.

AFFECTED COMMUNITIES

- Te Pae o Kura CDC (Kelston) has now closed and will transition to become a temporary logistics distribution hub [from Monday 6 March](#).
- As of 3 March, the following placards were issued as a result of Building Assessments: 584 red placards, 2,278 yellow placards and 4,176 white placards (for both January and February weather events).
- As of 3 March, approximately 917 households in Auckland have registered with Temporary Accommodation Service (TAS). MBIE TAS report more availability of hotels and motels this week, but it is anticipated supply may become constricted again around 7 March due to a concert in Auckland. TAS are still experiencing households declining accommodation options due to distance from their community (i.e., school and workplace).
- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service agencies.
- An ongoing engagement plan is being drawn up with insurers to partner with Auckland Council on structured and planned in-person support for homeowners.
- Cordons are now in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. [Vehicle passes continue to be issued for Piha \(300 yesterday\) and Muriwai \(100 yesterday\) residents, and people who work within or are clients of businesses within the cordons, to enable them to pass through the cordons. Both roads into Karekare are fully closed pending geotechnical assessment of the instability, but locals are traversing them at their own risk.](#)
- Community meetings are planned for Karekare (7 March) and Piha next week. [A response team was in Karekare yesterday undertaking identified tasks, and a small team will be there again today \(Sunday 5 March\).](#)
- Auckland will move to recovery transition reporting from Monday 6 March.

CRITICAL INFRASTRUCTURE

- Vector's emergency response has ceased as all customers have been resupplied. Their BAU focus is in restoring and rebuilding the networks to their pre cyclone condition and removing

temporary fixes and network generation and reinstating permanent network connections. This is expected to take 3-6 months.

WAIKATO

Activation Status	CDEM Group ECC activated in support mode during business hours. Thames Coromandel EOC and Waikato District EOC activated.
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AFFECTED COMMUNITIES

- There are currently eight people that will require long term support from TAS in the Thames Coromandel District. As of 3 March, the following placards have been issued as a result of Building Assessments: 20 red placards, 36 yellow placards, 47 white placards.

CRITICAL INFRASTRUCTURE

- SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times.
- As at 4 March, SH23 has been reinstated and is open. Previously this was open on a by-pass local road restricted to light vehicles.

TARARUA

Activation Status	Tararua District Council EOC activated.
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AFFECTED COMMUNITIES

- As of 3 March, the following placards were issued as a result of Rapid Building Assessments: 6 red, 13 yellow, and 9 white placards.
- Aerial reconnaissance indicates that the damage in the Tararua area to roading and lifelines utilities is significant, and some rural communities are isolated.

CRITICAL INFRASTRUCTURE

- Contractors and structural engineers are carrying out assessments on bridges within the Pohangina Valley in the Manawatu District. It is estimated it will be three months before the Konewa Bridge is replaced with a temporary crossing.
- As at 3 March, 13 local roads are closed across the district affecting about 200 households, although resident access is being allowed on these roads.



PUBLIC INFORMATION

Public information is being led by local Emergency Management. You can access the latest messaging here:

Northland: <https://www.facebook.com/civildefencenorthland/>

Auckland: <https://www.aucklandemergencymanagement.org.nz/major-incident/flooding-2023>

Coromandel: <https://www.facebook.com/ThamesCoromandelDistrictCouncil/>

Waikato: <https://www.waikatoregioncdemg.govt.nz/>

Tairāwhiti: <https://www.gdc.govt.nz/services/civil-defence>

Hawke's Bay: <https://www.hbemergency.govt.nz/>

Tararua District Council: <https://www.tararuadc.govt.nz/services/emergency-management/updates>

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. The donation of physical goods, whilst extremely generous and well intentioned, is not the most effective way to help right at this minute. Monetary donations enable support organisations to provide exactly what is needed to those most affected.
- There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- On Friday 3 March, the Government ended the states of national emergency over the Northland, Auckland, and Waikato regions and the Tararua District. These areas have now moved to a national transition period.
- Tairāwhiti and Hawke's Bay are still in an active response phase and will remain under a state of national emergency at the present time.
- The national state of emergency was first declared on 14 February, extended on 21 February and was extended again on 28 February.
- Cyclone Gabrielle has resulted in widespread damage and impacts across many regions and districts in Aotearoa New Zealand. The scale and complexity differ across these districts and regions and therefore the timing for when they transition into recovery will likely be different.
- It is up to each region, working with the National Emergency Management Agency, to determine when they are ready to move into a recovery phase. This decision must be based on the needs of their communities and the ongoing impacts they are managing.
- The biggest factor in determining whether an area should move into a recovery phase is the stability of that community. That includes access, the supply chain of food and goods being re-established, the supply of power and water, and ensuring everyone has a safe place to sleep at night.
- [The national transition period means there is coordination of all-of-government support for local authorities and CDEM Groups leading the local and regional recovery efforts.](#)

- This is only the third time in New Zealand's history that a State of National Emergency has been declared. A National declaration is a partnership between central government and local authorities. It allows the Government, through NEMA, to support the affected regions.
- The National declaration only applies to the parts of New Zealand that have been severely affected by Cyclone Gabrielle.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible.
- Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Floodwater can carry bacteria that can contaminate food. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities.
- Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- When cleaning up silt use normal low-pressure hoses and brooms to push wet material without making it airborne.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high.
- Do not attempt to burn: fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- In power outages use torches instead of candles, and only use camp cookers and BBQs outdoors.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Before you dig website and beforeudig.co.nz for all utilities.
- Keep up to date with MetService's Severe Weather Warnings and your local Civil Defence Emergency Management Group.
- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- Floods and flash floods can happen quickly. If you see rising water, do not wait for official warnings. Head for higher ground and stay away from floodwater.
- As at Wednesday 1 March Version 6 of the all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages. <https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

? ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1700 hours on 6 March 2023

Please send Agency updates and products to 9(2)(a) and 9(2)(a) for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 039

ISSUED AT 17:00 HOURS ON 6 MARCH 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	<p>State of National Emergency covering Tairāwhiti Hawke's Bay</p> <p>National Transition Period covering Northland Auckland Waikato Taranua District</p>														
Activation status:	Time declared:														
Mode 4 Lead/Direct	<p>State of National Emergency Tairāwhiti and Hawke's Bay: 8:43AM 14 February 2023 – 8:43AM 7 March 2023</p> <p>National Transition Period Northland, Auckland, Waikato, and Taranua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023</p>														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) [REDACTED] Phone: 9(2)(a) [REDACTED]	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N3	A major national level response														
N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua.
- A State of National Emergency was declared on 14 February 2023, extended on Tuesday 21 February for another seven days and then again on Tuesday 28 February for a further seven days. From 28 February, the State of National Emergency ceased to apply to the Bay of Plenty.
- On Friday 3 March, the states of national emergency for Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District were terminated. A notice of a national transition period over these areas came into effect immediately.
- The national transition period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The national transition period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle. Police have confirmed that there are no persons remaining unaccounted for as of Thursday 2 March.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As at Monday 6 March, \$59.211 million (up \$0.334 million) of Ministry of Social Development Civil Defence Grants have been paid to 105,258 people (up 387). On Saturday 4 March, \$0.306 million was paid to 630 people, and on Sunday 5 March, \$0.027 million was paid to 30 people. As at 9.00AM on Friday 3 March, \$3.61 million from the Government Community Support Package for people impacted by North Island floods and Cyclone Gabrielle has been committed.

Weather

- On Monday 6 March, the heavy showers and locally heavy downpours around Coromandel and western Bay of Plenty have. The Heavy Rain Warning for the area has been lifted.
- Elsewhere, it is expected to be generally fine over the North Island on Tuesday after the clearance of early showers about Wairoa and Tairāwhiti. A front approaches from the Tasman Sea on Tuesday, moving on to the South Island on Wednesday bringing rain to eastern areas of the country.
- Orange Heavy Rain Warnings are now in place for Fiordland and Westland from 10.00PM Tuesday to 9.00AM Thursday. Strong northwesterlies are expected to develop over the lower South Island late Tuesday and Wednesday and a strong wind watch is now in force for Fiordland and western Southland from 7.00PM Tuesday through to 7.00AM Wednesday. The front is expected to reach the North Island late Thursday with a cooler southwest change.
- Tropical Cyclone Kevin is was reclassified as an extra-tropical low at midday today (Monday 6 March). This system is not expected to impact New Zealand. There are no other tropical lows of interest at this time.

Key Risks and Issues

- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular. If families still living in yellow stickered houses begin to experience health concerns due to exposure, there may

be an increase in demand for alternative accommodation from MBIE Temporary Accommodation Service.

- Silt and waste removal and clean-up will continue to become a significant issue once building assessments are complete. This could put significant strain on waste removal contractors and waste storage facilities. The NCC and relevant ECCs continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated properties. The Ministry for the Environment is supporting this work. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in solid waste management.
- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is a multi-agency analysis occurring which will determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation. A comprehensive health and public health risk assessment process to inform response and recovery is being developed and coordinated through the National Health Coordination Centre (NHCC).
- Te Whatu Ora advise that concerns have been raised regarding the contamination of the aquifer in the Hawke's Bay region due to floodwaters passing through industrial and agricultural areas. Taumata Arowai will review this issue and report back this week.
- Increasing community and industry interest on expected timeframes for the opening of roads in Hawke's Bay and Tairāwhiti is being observed by Waka Kotahi. Waka Kotahi continues to send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. The uncertainty about the reliability of the network in areas where damage is not currently clear will highly likely continue, and future slips, dropouts, or cracks are likely to occur with little forewarning. While Waka Kotahi can assess the stability of the network as much as possible, in some instances indicators of damage may be unobservable at the time of inspection.
- At 8:00AM Monday 6 March there were 1,412 customers without power nationally, down by 41 customers with 1,349 in Hawkes Bay.
- As of Monday 6 March, there was one school (26 students) and 17 early learning services (ELS) closed across Hawke's Bay and Tairāwhiti. Six additional schools have reopened at alternate sites while four are utilising distance leading to provide continuity to students. Nine of the 17 ELS closures are Te Kōhanga Reo; Te Kōhanga Reo National Trust Board is working closely to support these Kōhanga.
- The 2023 Census will be extended for areas impacted by the cyclone while the rest of the country are required to complete the Census by 7 March. Cyclone Gabrielle hit New Zealand during the first week of collection for the 2023 Census, causing Statistics New Zealand to postpone activities across the North Island. The Census collection resumed in the North Island from Friday 17 February where it was safe and appropriate to do so. Currently the Census is being conducted as planned in areas covering around 90 percent of the population. For the impacted areas there will be:
 - an extension of time to do the Census, with on-the-ground support until 1 June 2023 where needed, and further time to complete the Census online
 - amendments to how the census will be collected including more community-led initiatives to support people to participate.



NCC ACTIONS

Actions carried out

- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:00PM Monday 6 March, there are 71 surge staff currently deployed to CDEM Groups, of which 60 are in Hawke's Bay, 5 in Auckland, and 8 in Tairāwhiti. Further deployments are planned, with 21 emergency management staff with travel confirmed, a further 24 awaiting travel confirmation, and 38 more planned.
- The NCC PIM team has been sharing messages about what support is available and how to stay safe while cleaning up, and sharing relevant messages from other agencies.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the National Welfare Coordination Meeting (NWCG) and providing support and specialist advice to CDEM Group Welfare Managers where required. The NWCG meetings now occur on a Monday, Wednesday, Friday. NCC Welfare have also undertaken the following actions:
 - Continuing to monitor, and provide guidance as required, for Hawke's Bay and Auckland CDEM Groups.
 - Monitoring the welfare outreach programme aiming to ensure that satellite communities have the supplies they need.
 - Ensuring situational awareness is maintained for isolated/satellite communities of any ongoing needs and plans for the transition to recovery.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu is starting to hear from some Māori entities about recovery needs and of reports of further damage and impacts in Māori communities particularly across Hawkes Bay, Wairoa and Tairāwhiti. Key outputs for NCC Kaitohutohu include but are not limited to:
 - Continuing engagement with Ministerial Advisory Committee (MAC) members to determine how their expertise can be best utilised.
 - Working with NCC Operations on a number of reimbursement requests from iwi providers/groups.
- NCC Safety have prepared the National Risk Assessment which has now been approved. NCC Safety are working closely beside NCC Planning and Policy and the Ministry for the Environment in working through a 'National funding mechanism' for the areas in need of financial assistance to conduct the necessary solid waste operations.
- NCC Planning have three current priorities:
 - Response to Recovery Transition Report – NCC Planning are developing the draft transition report on behalf of the National Controller, which includes all the key response activities that have taken place so far and forecasting into what response activities are likely to occur through transition to recovery. This report is due when the State of National Emergency expires or is terminated.
 - Bridge Prioritisation – A working group has been established to analyse the technical data received through the local authorities and Waka Kotahi, overlaid with the response priorities to connect cut-off communities via road. Whilst up to six urgent bridges have already been progressed (such as Opoiti bridge), the working group is scoping how the remaining local

and regional road access are prioritised to ensure that we maximise the resources available to achieve outcomes for the community.

- o Solid Waste – NCC Planning has been supporting NCC Policy in the development of possible funding mechanisms for the silt management and collaborating with NCC Safety, STAC and NCC Intelligence to enable the regional clean up through provision of advice, mapping and planning material.



MULTI-AGENCY ACTIONS AND RESOURCES

- As of **Monday 6 March**, 32 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - o 19 Countries/Economies
 - o 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- A 15-person team from the US Agency for International Development arrived in New Zealand yesterday (5 March) and will be deployed to the Hawke's Bay and the National Crisis Management Centre. They join 33 staff from Fiji working with NZDF, FENZ and the NCC, and additional staff from the Royal Australian Air Force and other Australian specialists.
- NZ Response Teams (NZRT) continue to support CDEM Groups with response activities. This week (from 6 March) there are 20 volunteers deployed to Hawke's Bay.
- 270 NZDF personnel are currently deployed into the regions. Two aircraft, two helicopters and more than 65 trucks are deployed. Two RAAF C27J aircraft have returned to Australia.
- The National Health Coordination Centre (NHCC) is reviewing the required response team size as we transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; a number of initiatives are in place and underway. The Minister of Health recently approved a request from Te Whatu Ora and Te Aka Whai Ora to reprioritise up to \$3.25m to support the short-term response. Amongst other activities, this will allow the entities to continue and expand mental wellbeing messaging and campaigns through a strong social media presence, messages translated into te reo and accessible formats, and offering psychosocial webinars through a range of channels. Planning is also underway regarding options for the mental wellbeing recovery phase in the coming weeks.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments have been activated. The line received 1,260 calls on Saturday 4 March and was closed on Sunday 5 March.
- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) has been activated for Northland, Auckland, Bay of Plenty, Tairāwhiti, Hawke's Bay, Gisborne, Waikato and the Tararua District. As of 6 March, 1,500 households had registered with TAS across all affected regions. MBIE TAS are surging additional staff to support the response and decrease waiting time.
- MPI is working with farm supply companies, such as Farmlands and PGG Wrightson, and vets to ensure critical supplies get to cut-off communities with no road access. Helicopters and Unimogs are being used for the deliveries. As of 6 March, MPI has received 2,846 applications for its programme offering farmers, growers and whenua Māori owners recovery grants. More than \$17.4 million has already been paid out in nearly 1,500 grants.

- MPI has received more than 20 applications to the rural community's recovery fund. The initial \$4 million available is targeted funding to help with urgent primary sector needs that are not being met by other organisations. Only sector and regional groups can apply for this money. So far, around \$200,000 has been committed or paid and applications are being processed as quickly as possible.



RECOVERY

- NEMA Recovery are working on the Response to Recovery Transition Report with NCC Control and NCC Planning, and are reviewing the draft report from Auckland Emergency Management.
- Ongoing staffing into recovery for both NEMA and the regions has become a challenge as there are health risks and fatigue among personnel in regions with multiple operational and recovery responsibilities. Scoping the availability of recovery practitioners to assist.
- NCC Recovery is liaising with CDEM Groups on their recovery structures, recovery action plans, and transition reports.
- NEMA Recovery has been holding twice weekly National Recovery Coordination Group (NRCG) meetings with central agencies and NGO partners to assess ongoing needs and priorities.

KEY REGIONAL UPDATES – Areas under State of National Emergency



HAWKE'S BAY

Activation Status	CDEM Group ECC activated. All EOCs activated.
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AFFECTED COMMUNITIES

- Hawke's Bay CDEM released Action Plan 16 covering the operational period 6:00PM Friday 3 March through to 6:00PM Wednesday 8 March. Initial recovery planning has commenced, with coordination between regional and district councils and the determination of appropriate recovery structures and the agreed priorities.
- Isolated, remote communities continue to be a top priority. Clarification is being gained from Wairoa EOC around possible isolated communities that have not yet been visited. [Agencies continue to visit isolated communities providing them with supplies. Planning continues to access those not yet visited.](#) As at 11:00AM Monday 6 March, 31 isolated and satellite communities remain. Ongoing planning continues to manage the risks around community river crossings and access issues for isolate communities. Dartmoor River access by canoe and pully system presents challenges around the safety and security of its use. [Work is underway to identify an enduring solution for the Dartmoor River crossing.](#) In Wakarara in Central Hawke's Bay a temporary farm access detour is now unsafe and shut down due to some ground being lost. As a result, up to 30 people are potentially isolated for the next week or two. The community has been contacted and welfare needs will be monitored.
- [On Monday 6 March, a 3-day welfare outreach programme began with the goal of reconnecting and establishing definitive communications with 25 satellite communities and individual](#)

households; this operation includes approximately 108 properties across the Hawke's Bay region. On Tuesday 7 March NZDF will provide one helicopter in support of this operation.

- As at 11:00AM Monday 6 March, 14 CDCs/CLCs remain open in Hawke's Bay accommodating 177 people overnight. This is an increase of 30 people.
- As of Monday 6 March, 87 buildings have been issued with red placards, 1,040 with yellow placards, and 379 with white placards. Hastings Council estimate that they could have thousands of damaged buildings. A Kāinga Ora property in Wairoa has been yellow stickered. Kāinga Ora are waiting on details on the level of repair work required to enable them to enter the property again.
- As at 11:00AM Monday 6 March insurance representatives are based at Napier War Memorial Centre until Wednesday 15 March to be more accessible to those members of the public that need them.
- Hawkes Bay CDEM phone number is live - 0800 117 672. Hawkes Bay CDEM Group is taking a phased approach to transitioning the current referral process from fully manual to fully automated.
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials, sanitary items, generators and fuel. Iwi continues to lead the operation, in partnership with CDEM and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land. MPI are working on distributing supplies to rural areas including essential resources for fencing, fuel, and generators. They are working closely with the Regional Distribution Centre. A sustainment plan is being compiled to ensure that this is an effective and enduring capability.
- The temporary animal shelter at Hastings Racecourse will now remain open until Thursday 16 March to give people whose pets are in the care of the shelter more time to make alternative arrangements. There are also new requests for temporary shelter, as links with some previously isolated rural communities are being re-established.
- NZ Red Cross has procured 36 generators and is working with Hawke's Bay CDEM to provide these to impacted properties that are likely to be without power for some time. Disaster Welfare Support Teams (DWST) are in the Bayview and Esk Valley community providing psychosocial support at Community Information Centres to undertake targeted outreach and welfare checks.

CRITICAL INFRASTRUCTURE

- The supply and demand of accommodation, for families transitioning from emergency accommodation to temporary accommodation, and for surge staff assisting in response activities, is identified as a key risk.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Two major routes in the region remain closed: SH2 Napier to Wairoa and SH5 Napier to Taupo (closed to the public, open to emergency services). While these roads are closed, some communities will remain isolated. As at 9:40AM on Monday 6 March SH5 Taupo to Napier is planning for a possible reopening, initially to freight only and most likely in a planned, daily convoy. Final details and a start date for this have yet to be confirmed. Waka Kotahi provides a regional State Highway Access map at [Cyclone Gabrielle regional map - Hawke's Bay \(nzta.govt.nz\)](https://www.nzta.govt.nz/cyclone-gabrielle-regional-map-hawkes-bay). As at 5:37PM Sunday 5 March Waka Kotahi crews have cleared one lane from Napier to Tutira. This area is still very dangerous and remains closed to all vehicles. Geotechnical engineers are assessing the stability of surrounding ground above and below the state highway before opening to residents and emergency vehicles.
- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi is occurring to work through the prioritisation of Bailey Bridges. Rissington Bridge and SH2 Waikare River Bridge have confirmed the instalment and are proceeding with pre-implementation design and site works. During the night on Sunday 5 March, the river width at Rissington increased by two metres. This has meant the temporary closure of the access route. Four bridges in the Hastings District have also been confirmed as sites for further assessment of

technical suitability for a Bailey Bridge. These are the Moeangiangi Bridge on Waikare Road, the Whanawhana Bridge, the Ellis-Wallace Bridge and the Mangatutu Low-Level Bridge.

- The solid waste management regional overview plan [continues to be developed](#). It includes vital coordination strategies and actions, clarity around roles and responsibilities of waste workstreams, key issues and risks and public information.
- Rail lines in and out of Hawke's Bay are closed due to significant damage [and slips](#). KiwiRail is aiming to open the line between Woodville and Hastings before the end of March. The line between Hastings and Napier is expected to take months to reopen. Napier to Wairoa is expected to remain closed for some time.
- As at 8:00AM Sunday 6 March there were [1,349](#) customers without power in Hawke's Bay. The Region is at [98.19%](#) restored. Transpower continues to work on bringing the interconnecting transformer at Redclyffe into service. It is estimated to be back in service by mid next week. This will increase supply resilience into Hawke's Bay and improve voltage issues in the Unison network.
- [On Sunday 5 March Napier City Council issued a plan to manage the potential health risks to people in the contaminated area of the Awatoto industrial area. This plan includes evacuation, implementation of a hard cordon and the provision of information to impacted residents and businesses. A cordon and permit access system is in place to regulate access.](#)

TAIRĀWHITI

Activation Status

CDEM Group ECC [activated](#).

AFFECTED COMMUNITIES

- As of [6 March](#), 11 buildings have been issued with red placards and 170 with yellow placards (no change).
- CDEM note an increased number of animal welfare issues arising from the rapid needs assessments. These are mainly livestock issues include issues retaining stock on properties due to lost fencing, water issues due to broken water systems and access to animal welfare supplies (mainly due to isolation).
- Welfare provision is becoming more granular and focused on complex cases.
- Food provision is still necessary for isolated communities. CDEM is confident that supermarkets (4-Square primarily) across the east coast have adequate supplies.
- Gisborne's main water supply line remains compromised. A supplementary plant (Waipoa) is being used [at a reduced capacity](#), meaning significant water restrictions have been implemented. However, supply is staying ahead of demand.
- Silt and waste management planning is underway to support clean-up, prioritising identifying dumping sites and safety messaging. There are concerns with handling potentially flood-damaged asbestos-contaminated materials for both public and clearance personnel.

CRITICAL INFRASTRUCTURE

- As of [8:00AM Monday 6 March](#) there are [26](#) consumers ([up three from yesterday](#)) without access to power. [Despite progress getting connections restored over the weekend, rain on Sunday evening has caused slips taking out some poles and affecting new customers.](#)
- Due to a slip, SH2 Gisborne to Opotiki is open, however it remains very fragile and unstable in place. The road is closed overnight between 9:00PM to 4:00AM. Closure of the road means

Gisborne and Wairoa are cut off. A geotechnical assessment is underway, and a report is expected later today (Monday) that will confirm if further overnight closures are required.

- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. Planning is underway for the installation of a temporary Bailey Bridge at Hikuwai. A bypass being constructed by local contractors at Mangahauini is being assessed by Waka Kotahi to ensure it is fit for purpose. The need for hard road closures on the local bypass outside the hours of active construction works is being considered after reports of stuck vehicles have been received. Discussions to consider convoy access are expected to occur this week.
- The Ihungia-Mata loop road between Tokomaru Bay and Te Puia Springs has been established. It will open at set times for 4WD vehicles and supply trucks. This detour allows this area to get much needed supplies and services.

KEY REGIONAL UPDATES – Areas under National Transition Period



NORTHLAND

KEY ISSUES

- There is a Welfare Recovery Transition Strategy in development.
- As of 6 March, 43 buildings have been issued with red placards, 57 with yellow placards, and 63 with white placards.

AUCKLAND

KEY ISSUES

- As of Monday 6 March, Auckland Emergency Management have begun to transition operations from the Emergency Coordination Centre to the Recovery Office. The first Transition report was issued on 6 March.
- As of 6 March, 663 buildings have been issued with red placards, 2,284 with yellow placards and 4,195 with white placards (for both January and February weather events).
- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service agencies. The Welfare Team are proactively reaching out to communities based on regional damage, impact assessments a community reports to assess the need for further support.
- Cordons continue in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. Community meetings are planned for Karekare (7 March) and Piha later this week.

WAIKATO

KEY ISSUES

- Waikato's recovery focus will be on continued welfare and operational support to affected communities, and repairs to infrastructure.
- A localised rain event last night resulted in a small number of properties in Whangamata and Cooks Beach being inundated. No welfare needs have been identified.
- There are currently eight people that will require long term support from TAS in the Thames Coromandel District. As of 6 March, 20 buildings have been issued with red placards, 36 with yellow placards, and 47 with white placards (no change).
- Roading remains fragile in parts of the region, in particular the Coromandel Peninsula and Raglan. SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times. SH25 from Hikuai to Whangamata closed early on Monday 6 March due to a drop out caused by heavy overnight rain.

TARARUA

KEY ISSUES

- Tararua still has multiple local road closures and the Tararua District Council and Tararua Alliance are focusing on repairs. As of 6 March, 13 local roads continue to be closed across the district affecting about 200 households, although resident access is being allowed on these roads.
- The region remains prone to further impacts should severe weather hit in the coming weeks, and already critical infrastructure could be compromised further.
- As of 6 March, 6 buildings have been issued with red placards, 13 with yellow placards, and 9 with white placards (no change).



PUBLIC INFORMATION

Public information is being led by local Civil Defence Emergency Management groups.

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- Northland, Auckland, and Waikato regions and the Tararua District moved on 3 March to a national transition period. These regions are no longer under a state of national emergency, but as Tairāwhiti and Hawke's Bay are still in an active response phase, they remain under a state of national emergency.
- Cyclone Gabrielle caused widespread damage and impacts across many regions and districts in Aotearoa New Zealand. Each region and district affected by Cyclone Gabrielle is working with

NEMA to determine when they are ready to move into a recovery phase. This decision must be based on the needs of their communities and the ongoing impacts they are managing.

- The national transition period means there is coordination of all-of-government support for local authorities and CDEM Groups leading the local and regional recovery efforts.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. It was first declared on 14 February and extended on 21 February and 28 February.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible. Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Floodwater can carry bacteria that can contaminate food. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities. Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high. When cleaning up silt, use normal low-pressure hoses and brooms to push wet material without making it airborne.
- Do not attempt to burn: fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Before you dig website and beforeudig.co.nz for all utilities.
- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- As at Wednesday 1 March Version 6 of the all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages. <https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>



ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1700 hours on 7 March 2023

Please send Agency updates and products to **9(2)(a)** and **9(2)(a)** for inclusion in NCC Intelligence Products.

Proactively released



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 040

ISSUED AT 17:00 HOURS ON 7 MARCH 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	<p>State of National Emergency covering Tairāwhiti Hawke's Bay</p> <p>National Transition Period covering Northland Auckland Waikato Taranua District</p>														
Activation status:	Time declared:														
Mode 4 Lead/Direct	<p>State of National Emergency Tairāwhiti and Hawke's Bay: 8:43AM 14 February 2023 – 8:43AM 14 March 2023</p> <p>National Transition Period Northland, Auckland, Waikato, and Taranua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023 Masterton, Carterton and Wairarapa Districts: 8:43AM 7 March 2023 – 8:43AM 5 June 2023</p>														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td>↑</td> </tr> <tr> <td>N 4</td> <td>S</td> </tr> <tr> <td></td> <td>↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).

SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua.
- A State of National Emergency was declared on 14 February 2023, and then extended on Tuesday 21 February, Tuesday 28 February and Tuesday 7 March, each time for a further seven days. From 28 February, the State of National Emergency ceased to apply to the Bay of Plenty.
- On Friday 3 March Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District moved into a national transition period. As of 7 March Masterton, Carterton and Wairarapa Districts are now part of the national transition period.
- The national transition period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The national transition period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle. Police have confirmed that there are no persons remaining unaccounted for as of Thursday 2 March.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As at 3:50PM Tuesday 7 March \$60.119 million (up \$0.908 million) of Ministry of Social Development Civil Defence Grants have been paid to 106,413 people (up 1,155). As at 9.00AM on Friday 3 March, \$3.61 million from the Government Community Support Package for people impacted by North Island floods and Cyclone Gabrielle has been committed.

Weather

- East coast of the North Island has been fine today (Tuesday 7 March) with cloudy periods and possible evening showers forecast for Wednesday 8 March. West Coast South Island saw showers which may turn to heavy rain fall south this evening and tomorrow (Wednesday 8 March). A northwesterly flow is expected to affect the country through to Friday 10 March, and a number of severe weather warnings and watches for heavy rain have been issued.
- On Thursday 9 March, there is a high confidence that rainfall amounts will reach warning criteria about Fiordland north of Doubtful Sound and Westland south of Otira. There is a heavy rain warning – orange for Westland is in place from midnight tonight (Tuesday 7 March) until 2:00PM Thursday 9 March. Heavy rain may cause streams and rivers to rise rapidly. Surface flooding and slips are also possible and driving conditions may be hazardous. There is a heavy rain watch for Buller and Nelson lakes for Thursday 9 March and a strong wind watch for Fiordland and parts of Southland for overnight on Tuesday 7 March.
- On Friday 10 March, there is a low confidence of warning level amounts of rain for the Tararua Range, and the central North Island hill country across to North Taranaki and Waitomo.
- There are presently no tropical cyclones in the Coral Sea or South Pacific areas.

Key Risks and Issues

- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular.
- Silt and waste removal and clean-up will continue to become a significant issue once building assessments are complete. This could put significant strain on waste removal contractors and waste storage facilities. The NCC and relevant ECCs continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated properties. The Ministry for the Environment is supporting this work. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in solid waste management.
- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is a multi-agency analysis occurring which will determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation. A comprehensive health and public health risk assessment process to inform response and recovery is being developed and coordinated through the National Health Coordination Centre (NHCC).
- Te Whatu Ora advise that concerns have been raised regarding the contamination of the aquifer in the Hawke's Bay region due to floodwaters passing through industrial and agricultural areas. Taumata Arowai will review this issue and report back this week.
- Increasing community and industry interest on expected timeframes for the opening of roads in Hawke's Bay and Tairāwhiti is being observed by Waka Kotahi. Waka Kotahi continues to send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. The uncertainty about the reliability of the network in areas where damage is not currently clear will highly likely continue, and future slips, dropouts, or cracks are likely to occur with little forewarning. While Waka Kotahi can assess the stability of the network as much as possible, in some instances indicators of damage may be unobservable at the time of inspection.
- At 8:30AM Tuesday 7 March there were 1,380 customers without power nationally, down by 32 customers with 1,354 in Hawke's Bay.
- As of Tuesday 7 March, there was one school (26 students) and 17 early learning services (ELS) closed across Hawke's Bay and Tairāwhiti. Nine of the 17 ELS closures are Te Kōhanga Reo; Te Kōhanga Reo National Trust Board is working closely to support these Kōhanga.
- The 2023 Census will be extended for areas impacted by the cyclone while the rest of the country are required to complete the Census by 7 March. Cyclone Gabrielle hit New Zealand during the first week of collection for the 2023 Census, causing Statistics New Zealand to postpone activities across the North Island. The Census collection resumed in the North Island from Friday 17 February where it was safe and appropriate to do so. Currently the Census is being conducted as planned in areas covering around 90 percent of the population. For the impacted areas there will be:
 - an extension of time to do the Census, with on-the-ground support until 1 June 2023 where needed, and further time to complete the Census online
 - amendments to how the census will be collected including more community-led initiatives to support people to participate.



NCC ACTIONS

Actions carried out

- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. NCC Logistics are sourcing warehousing staff from NZDF to assist with the management of the Hawke's Bay Distribution Hub. At 2:30PM Tuesday 7 March, there are 86 surge staff currently deployed to CDEM Groups, of which 75 are in Hawke's Bay, six in Auckland, and five in Tairāwhiti. Two EMAT members are currently deployed.
- The NCC PIM team has been sharing messages about what support is available, how to stay safe while cleaning up, and have been sharing relevant messages from other agencies.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, developing an approach to Bailey Bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, and addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the National Welfare Coordination Meeting (NWCG) and providing support and specialist advice to CDEM Group Welfare Managers where required. The NWCG meetings now occur on a Monday, Wednesday, Friday. NCC Welfare have also undertaken the following actions:
 - Continuing to monitor, and provide guidance as required, including monitoring Hawke's Bay's welfare outreach programme ensuring that satellite communities have the supplies they need.
 - Participating in the AoG accommodation and shelter hui, which aims to integrate delivery solutions across the agencies.
 - Continuing to monitor, and provide Needs Assessment guidance as required for Hawke's Bay and Auckland CDEM Groups.
 - Ensuring situational awareness is maintained for isolated/satellite communities of any ongoing needs and plans for the transition to recovery.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori to help support impacted communities. Iwi and marae are playing a significant role in welfare support. NCC Kaitohutohu has identified a risk being gaps in understanding of what is eligible for welfare related costs reimbursement for iwi, marae and Māori communities. Key outputs for NCC Kaitohutohu include but are not limited to:
 - Providing strategic support and advice with colleagues in Wairoa and Hawke's Bay.
 - Assisting in the prioritising and sending of five Starlinks to Hawke's Bay that will be distributed to isolated whanau identified in the welfare assessment operation.
 - Seeking resource and expertise to provide Te Tiriti elements to the Risk Management Plan.
 - Assisting in mapping the entire Māori risk landscape using GIS system and creating a Common Operating Picture across all AoG systems that contributes to the geospatial work underway.
- NCC Safety has had the National Health and Safety Risk Assessment Pack approved by NCC Control and has released it to key stakeholders. NCC Safety will be monitoring and providing any additional advice/guidance on request for information that come through. NCC Safety continues to support NCC functions, CDEM Groups and agency partners through:
 - Maintaining support to Hawke's Bay and Tairāwhiti on Solid Waste issues, and giving periphery support to Auckland on silt related risks. This is achieved through attending and

- o supporting MfE on Tairāwhiti/Hawke's Bay daily meetings and supporting the regional and local issues;
 - o Supporting NCC Policy, NCC Planning and MfE around the National Funding mechanism for regions and their solid waste operations;
 - o Monitoring the issues around Awatoto and the use of the 'right' legislative powers to cordon off and restrict access to those surrounding commercial sites. This is achieved through analysing the current declined of Work Permits of Persons Conducting Business or Undertaking's (PCBU) trying to get into the Awatoto area to start clean up and operational duties and through maintaining the roles and responsibilities of all those involved in Awatoto, in particular that WorkSafe NZ is not a lead or co-lead agency for the Awatoto situation; and
 - o Providing advice via information paper to NCC Control on ownerships/guidance/ messaging for insurance related issues to silt.
- NCC Planning have three current priorities:
 - o Response to Recovery Transition Report – NCC Planning are developing the draft transition report on behalf of the National Controller, which includes all the key response activities that have taken place so far and forecasting into what response activities are likely to occur through transition to recovery. This report is due when the State of National Emergency expires or is terminated.
 - o Bridge prioritisation – The NCC supported by Waka Kotahi and affected local roading authorities, have compiled a list of bridges that have been prioritised as high (urgent), medium, and low priority based on the following criteria: connecting isolated communities; current supply chain; and length of bridge vs benefit.
 - o Solid Waste – NCC Planning has been supporting NCC Policy in the development of possible funding mechanisms for the silt management and collaborating with NCC Safety, STAC and NCC Intelligence to enable the regional clean up through provision of advice, mapping and planning material.



MULTI-AGENCY ACTIONS AND RESOURCES

- As of Tuesday 7 March, 32 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - o 19 Countries/Economies
 - o 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- A 14-person team from the US Agency for International Development has deployed to the Hawke's Bay and the National Crisis Management Centre. They join 33 staff from Fiji, and additional staff from the Royal Australian Air Force and other Australian specialists, in working with NZDF, FENZ and the NCC.
- NZ Response Teams (NZRT) continue to support CDEM Groups with response activities. This week (from 6 March) there are 20 volunteers deployed to Hawke's Bay.
- 270 NZDF personnel are currently deployed into the regions. Two aircraft, two helicopters and more than 65 trucks are deployed. The aircraft are not located in the regions, however are on priority call to Hawke's Bay and Tairāwhiti as required.
- The National Health Coordination Centre (NHCC) is reviewing the required response team size as we transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; a number of initiatives are in place and underway. The Minister of Health recently

approved a request from Te Whatu Ora and Te Aka Whai Ora to reprioritise up to \$3.25m to support the short-term response. Amongst other activities, this will allow the entities to continue and expand mental wellbeing messaging and campaigns through a strong social media presence, messages translated into te reo and accessible formats, and offering psychosocial webinars through a range of channels. Planning is also underway regarding options for the mental wellbeing recovery phase in the coming weeks.

- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments are activated.
- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) has been activated for Northland, Auckland, Bay of Plenty, Tairāwhiti, Hawke's Bay, Gisborne, Waikato and the Tararua District. As of 6 March, 1,500 households had registered with TAS across all affected regions. [MBIE has two key supply workstreams underway - short-term solutions for people requiring immediate temporary accommodation, and strategic supply/purchasing of assets. The biggest challenge is understanding the demand to adequately plan for short/medium/long term supply options. TAS have been supporting regional initiatives by adjusting their processes as required to support impacted whanau. The TAS funding paper is in front of Cabinet Committee today \(Tuesday 7 March\).](#)
- MPI is working with farm supply companies, such as Farmlands and PGG Wrightson, and vets to ensure critical supplies get to cut-off communities with no road access. Helicopters and Unimogs are being used for the deliveries. As of 6 March, MPI has received 2,846 applications for its programme offering farmers, growers and whenua Māori owners recovery grants. More than \$17.4 million has already been paid out in nearly 1,500 grants.
- [Collaboration with Hawke's Bay CDEM has enabled NZ Red Cross to plan where 18 of the 36 NZRC procured generators will be distributed to. Today \(Tuesday 7 March\) and yesterday \(6 March\) NZRC DWST's supported community reach out across Bay View and Eskdale.](#)



RECOVERY

- NEMA Recovery are working on the Response to Recovery Transition Report with NCC Control and NCC Planning.
- [Scoping availability of recovery practitioners continues in order to assist with staffing into recovery for both NEMA and the regions, as limited personnel experience fatigue.](#)
- NCC Recovery is liaising with CDEM Groups on their recovery structures, recovery action plans, and transition reports.
- NEMA Recovery has been holding twice weekly National Recovery Coordination Group (NRCG) meetings with central agencies and NGO partners to assess ongoing needs and priorities, [and held a meeting at 2:00pm today \(Tuesday 7 March\).](#)

KEY REGIONAL UPDATES – Areas under State of National Emergency



Hawke's Bay

Activation Status

AFFECTED COMMUNITIES

- Hawke's Bay CDEM released Action Plan 16 covering the operational period 6:00PM Friday 3 March through to 6:00PM Wednesday 8 March. Initial recovery planning has commenced, with coordination between regional and district councils and the determination of appropriate recovery structures and the agreed priorities.
- The rāhui on fishing and gathering kaimoana between Te Awanga and Mohaka has been extended until Monday 13 March.
- Cyclone Bola's 35th anniversary is Wednesday 8 March 2023. There is likely to be increased media interest in current situation, especially due to the large amount of damage recorded in similar regions.
- Isolated, remote communities continue to be a top priority. Agencies continue to visit isolated communities providing them with supplies. Planning continues to access those not yet visited and ongoing planning continues to manage the risks around community river crossings and access issues for isolated communities. Work is underway to identify an enduring solution for the Dartmoor River crossing as access by canoe and pully system presents challenges around the safety and security of its use.
- On Monday 6 March, a 3-day welfare outreach programme began with the goal of reconnecting and establishing definitive communications with satellite communities and individual households; this operation includes approximately 108 properties across the Hawke's Bay region. At the close of day one (6 March) of the outreach programme 30 properties had been visited in the Eskdale and Tangoio communities. Residents were spoken to or Civil Defence flyers were left. Of those that were spoken to all appeared self-sufficient, supporting each other, and were grateful for any supplies received. One concern was a household in Eskdale who are using a rail bridge across the River Esk to access the rest of the community. This is deemed as a safety issue.
- As at 11:20AM Tuesday 7 March, 14 CDCs/CLCs remain open in Hawke's Bay accommodating 218 people overnight. This is an increase of 41 people.
- As of Tuesday 7 March, 102 buildings have been issued with red placards and 1,049 with yellow placards.
- HBDHB report that Leptospirosis and Campylobacter cases continue to increase; most cases have been attributed to contact with floodwater. Te Whatu Ora have created a pamphlet advising the community on looking after health, use of PPE etc post cyclone, leptospirosis prevention is included.
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials, sanitary items, generators and fuel. Iwi continues to lead the operation, in partnership with CDEM and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land. MPI are working on distributing supplies to rural areas including essential resources for fencing, fuel, and generators.

They are working closely with the Regional Distribution Centre. A sustainment plan is being compiled to ensure that this is an effective and enduring capability.

- There is continued concern among farming communities for the ability to move stock off farm by the end of April, along with receiving building materials such as fencing to repair properties. The Rural Advisory Group continue to engage with these communities and are holding horticulture meetings.
- Media release planned for Thursday 9 March informing of a new streamlined weekly cycle for providing supplies to isolated communities. This will also be used to inform on the welfare outreach programme.

CRITICAL INFRASTRUCTURE

- On Monday 6 March five additional Starlink units were deployed to Hawke's Bay for use by iwi.
- The supply and demand of accommodation, for families transitioning from emergency accommodation to temporary accommodation, and for surge staff assisting in response activities, is identified as a key risk.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Two major routes in the region remain closed: SH2 Napier to Raupunga and SH5 Napier to Taupo. Waka Kotahi provides a regional State Highway Access map at [Cyclone Gabrielle regional map - Hawke's Bay \(nzta.govt.nz\)](https://www.nzta.govt.nz/cyclone-gabrielle-regional-map-hawkes-bay). As engineers and inspectors are reaching further into affected areas the inspections are exposing major access issues due to unstable terrain. Routes remain vulnerable to flooding and further slips with local road closures remaining significant.

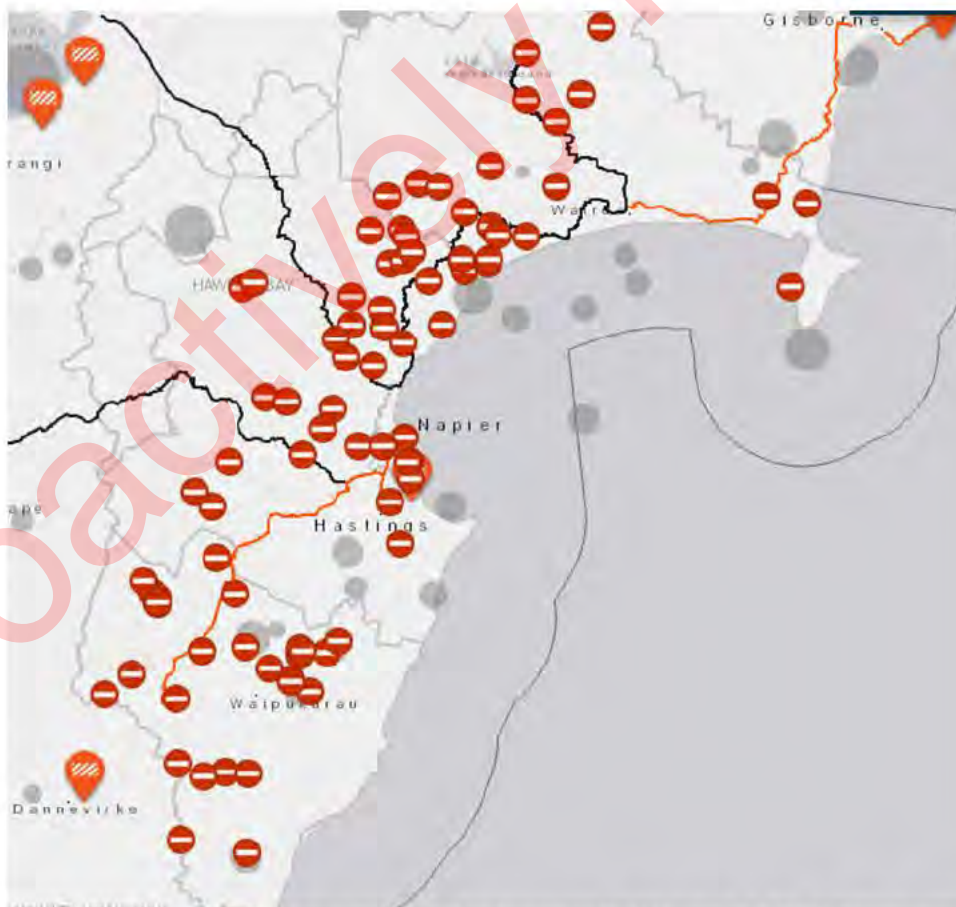


Figure 1: Local road closures in Hawke's Bay (Source: HB CDEM website 9:30AM 6 March)

- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi is occurring to work through the prioritisation of Bailey Bridges. Rissington Bridge, SH2 Waikare River Bridge and [SH35 Hikuwai Bridge](#) have had the instalment confirmed and are proceeding with pre-implementation design and site works. Four bridges in the Hastings District have also been confirmed as sites for further assessment of technical suitability for a Bailey Bridge. These are the Moeangiangi Bridge on Waikare Road, the Whanawhana Bridge, the Ellis-Wallace Bridge and the Mangatutu Low-Level Bridge.
- The solid waste management regional overview plan continues to be developed. It includes vital coordination strategies and actions, clarity around roles and responsibilities of waste workstreams, key issues and risks and public information.
- Rail lines in and out of Hawke's Bay are closed due to significant damage and slips. KiwiRail is aiming to open the line between Woodville and Hastings before the end of March. The line between Hastings and Napier is expected to take months to reopen. Napier to Wairoa is expected to remain closed for some time.
- As at [8:15AM Tuesday 7 March](#) there were [1,339](#) customers without power in Hawke's Bay. The Region is at [98.18%](#) restored. Transpower continues to work on bringing the interconnecting transformer at Redclyffe into service. It is estimated to be back in service by mid next week. This will increase supply resilience into Hawke's Bay and improve voltage issues in the Unison network.
- On Sunday 5 March Napier City Council issued a plan to manage the potential health risks to people in the contaminated area of the Awatoto industrial area. This plan includes evacuation, implementation of a hard cordon, the provision of information to impacted residents and businesses, and the removal [and clean-up of hazardous materials](#). [A cordon has been established under CDEM Act 2002 however moving forward the Building Act 2004 will be used to manage implementation of the cordon](#). A permit access system is in place to regulate access. [Napier City Council will manage the Awatoto contamination task as a recovery and BAU task from the week beginning Monday 13 March](#).

Tairāwhiti

Activation Status

CDEM Group ECC activated.

AFFECTED COMMUNITIES

- [The Trust Tairāwhiti business support grant is extremely oversubscribed. They've received \\$12 million worth of applications within 24 hours \(for a \\$4.5 million fund\). This highlights the need for business support and there are concerns that rural Māori businesses were unable to access the fund.](#)
- As of [Tuesday 7 March](#), 11 buildings have been issued with red placards and 170 with yellow placards.
- CDEM note an increased number of animal welfare issues arising from the rapid needs assessments. These are mainly livestock issues include issues retaining stock on properties due to lost fencing, water issues due to broken water systems and access to animal welfare supplies (mainly due to isolation).
- Welfare provision is becoming more granular and focused on complex cases.
- Food provision is still necessary for isolated communities. CDEM is confident that supermarkets (4-Square primarily) across the east coast have adequate supplies.

- Gisborne's main water supply line remains compromised. A supplementary plant (Waipoa) is being used at a reduced capacity, meaning significant water restrictions have been implemented. However, supply is staying ahead of demand.
- Silt and waste management planning is underway to support clean-up, prioritising identifying dumping sites and safety messaging. There are concerns with the handling of potentially flood-damaged asbestos-contaminated materials for both public and clearance personnel.

CRITICAL INFRASTRUCTURE

- As of 8:30AM Tuesday 7 March there are 17 consumers (down nine from yesterday) without access to power.
- Due to a slip, SH2 Gisborne to Opotiki is open with traffic management between Matawai and Te Karaka due to slip clearance. The road is closed overnight between 9:00PM to 4:00AM.
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. Planning is underway for the installation of a temporary Bailey Bridge at Hikuwai with an expected construction time of approximately eight weeks. The Ihungia-Mata loop road between Tokomaru Bay and Te Puia Springs has been established for convoy meaning the area is more accessible for supplies and services. It will be closed on Mondays and Thursdays for maintenance.

KEY REGIONAL UPDATES – Areas under National Transition Period



NORTHLAND

KEY ISSUES

- There is a Welfare Recovery Transition Strategy in development.
- As of Tuesday 7 March, 43 buildings have been issued with red placards, 57 with yellow placards, and 63 with white placards.

AUCKLAND

KEY ISSUES

- As of Tuesday 7 March, 664 buildings have been issued with red placards, 2,288 with yellow placards and 4,199 with white placards (for both January and February weather events).
- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service agencies. The Welfare Team are proactively reaching out to communities based on regional damage, impact assessments a community reports to assess the need for further support.

- Cordons continue in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. Community meetings are planned for Karekare and Piha later this week. Muriwai and Karekare are a priority for Auckland Emergency Management, with uncertainty causing increased anxiety in the community. Questions around red zoning the area are being raised.

WAIKATO

KEY ISSUES

- Waikato's recovery focus will be on continued welfare and operational support to affected communities, and repairs to infrastructure.
- As of **Tuesday 7 March**, 20 buildings have been issued with red placards, 36 with yellow placards, and 47 with white placards. **Waikato District Council** are looking to expand their existing designated area due to damage to buildings being discovered further afield. MBIE are assisting the Council.
- Roading remains fragile in parts of the region, in particular the Coromandel Peninsula and Raglan. SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times. **As at 12:00PM Tuesday 7 March SH25 from Hikuai to Whangamata is now open with traffic management in place.**

TARARUA

KEY ISSUES

- Tararua still has multiple local road closures and the Tararua District Council and Tararua Alliance are focusing on repairs. As of **Tuesday 7 March**, 13 local roads continue to be closed across the district affecting about 200 households, although resident access is being allowed on these roads.
- The region remains prone to further impacts should severe weather hit in the coming weeks, and already critical infrastructure could be compromised further.
- As of **Tuesday 7 March**, 6 buildings have been issued with red placards, 13 with yellow placards, and 9 with white placards.



PUBLIC INFORMATION

Public information is being led by local Civil Defence Emergency Management groups.

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz

- Northland, Auckland, and Waikato regions and the Tararua District moved on 3 March to a national transition period. [Masterton, Carterton and Wairarapa Districts are also under a national transition period after consultation with local councils](#). These regions are no longer under a state of national emergency, but as Tairāwhiti and Hawke's Bay are still in an active response phase, they remain under a state of national emergency.
- Cyclone Gabrielle caused widespread damage and impacts across many regions and districts in Aotearoa New Zealand. Each region and district affected by Cyclone Gabrielle is working with NEMA to determine when they are ready to move into a recovery phase. This decision must be based on the needs of their communities and the ongoing impacts they are managing.
- The national transition period means there is coordination of all-of-government support for local authorities and CDEM Groups leading the local and regional recovery efforts.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. It was first declared on 14 February and extended on 21 February, 28 February and 7 March.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible. Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Floodwater can carry bacteria that can contaminate food. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities. Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high. When cleaning up silt, use normal low-pressure hoses and brooms to push wet material without making it airborne.
- Do not attempt to burn: fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see [Before you dig website](#) and beforeudig.co.nz for all utilities.
- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- As at Wednesday 1 March Version 6 of the all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages. <https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>



? ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1700 hours on 8 March 2023

Please send Agency updates and products to 9(2)(a) and 9(2)(a) for inclusion in NCC Intelligence Products.

Proactively released



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 041

ISSUED AT 17:00 HOURS ON 8 MARCH 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	<p>State of National Emergency covering Tairāwhiti Hawke's Bay</p> <p>National Transition Period covering Northland Auckland Waikato Taranua District</p>														
Activation status:	Time declared:														
Mode 4 Lead/Direct	<p>State of National Emergency Tairāwhiti and Hawke's Bay: 8:43AM 14 February 2023 – 8:43AM 14 March 2023</p> <p>National Transition Period Northland, Auckland, Waikato, and Taranua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023 Masterton, Carterton and Wairarapa Districts: 8:43AM 7 March 2023 – 8:43AM 5 June 2023</p>														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 4	S														
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N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua.
- A State of National Emergency was declared on 14 February 2023, and then extended on Tuesday 21 February, Tuesday 28 February and Tuesday 7 March, each time for a further seven days. From 28 February, the State of National Emergency ceased to apply to the Bay of Plenty.
- On Friday 3 March Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District moved into a national transition period. As of 7 March Masterton, Carterton and Wairarapa Districts are now part of the national transition period.
- The national transition period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The National Transition Period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle. Police have confirmed that there are no persons remaining unaccounted for as of Thursday 2 March.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As at 10:35AM Wednesday 8 March \$60.855 million (up \$0.735 million) of Ministry of Social Development Civil Defence Grants have been paid to 107,262 people (up 849). As at 10:35AM Wednesday 8 March, \$3.87 million from the Government Community Support Package for people impacted by North Island floods and Cyclone Gabrielle has been committed.

Weather

- Heavy rain is forecast for western areas of the South Island. A slow-moving front over Westland should weaken late on Wednesday 8 March, before reinvigorating again in the evening. The front should then move away to the north later on Thursday 9 March. This front is expected to bring periods of heavy and thundery northerly rain to western parts of the South Island during today (Wednesday) and Thursday 9 March. An **Orange Heavy Rain Warning** remains in force for Westland, and one is now in force for the Canterbury headwaters from Arthur's Pass southwards. In addition, **Heavy Rain Watches** are in force for northern Fiordland, the Otago headwaters, the remainder of the Canterbury headwaters not under warning, Buller and the Nelson Lakes. There is also a possibility of a mini tornado south of Otira and possibly into urban areas of Hokitika.
- The forecast for Hawke's Bay and Tairāwhiti on Thursday 9 March is for fine weather and light winds. Friday 9 March will see scattered rain and northwesterlies turning southwest in the evening. Conditions settle at the weekend, though showers may linger for a time around Wairoa and Tairāwhiti.
- On Friday 10 March, there is a low confidence of warning level amounts of rain for the Tararua Range, and the central North Island hill country across to North Taranaki and Waitomo.

Key Risks and Issues

- In Tairāwhiti and Hawke's Bay, Māori communities have been disproportionately impacted and isolated. Restoring access via the roading network is critical for Māori communities to allow the assessment of the extent of the impact and provide necessary welfare support.

- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular.
- Silt and waste removal and clean-up continues to be a significant issue. This has put significant strain on waste removal contractors and waste storage facilities. The NCC and relevant ECCs continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated properties. The Ministry for the Environment is supporting this work. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in solid waste management.
- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is multi-agency analysis occurring which will determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation.
- Te Whatu Ora advise that concerns have been raised regarding the contamination of the aquifer in the Hawke's Bay region due to floodwaters passing through industrial and agricultural areas. [As at 12:43PM Wednesday 8 March](#) Taumata Arowai will review this issue and report back this week.
- Waka Kotahi continues to send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. [Community sentiment remains a concern given the extensive nature of disruptions \(this is not limited to land transport infrastructure disruptions\) and the ongoing fatigue.](#)
- [At 8:56AM Wednesday 8 March](#) there were 1,235 customers without power nationally, down by 145 customers with 1,209 in Hawke's Bay.
- [As of 12:00PM Wednesday 8 March](#), there was one school (26 students) and 16 early learning services (ELS) closed across Hawke's Bay and Tairāwhiti. Nine of the 16 ELS closures are Te Kōhanga Reo; Te Kōhanga Reo National Trust Board is working closely to support these Kōhanga.
- The 2023 Census will be extended for areas impacted by the cyclone while the rest of the country [was](#) required to complete the Census by 7 March. Cyclone Gabrielle hit New Zealand during the first week of collection for the 2023 Census, causing Statistics New Zealand to postpone activities across the North Island. The Census collection resumed in the North Island from Friday 17 February where it was safe and appropriate to do so. Currently the Census is being conducted as planned in areas covering around 90 percent of the population. For the impacted areas there will be:
 - an extension of time to do the Census, with on-the-ground support until 1 June 2023 where needed, and further time to complete the Census online
 - amendments to how the census will be collected including more community-led initiatives to support people to participate.



NCC ACTIONS

Actions carried out

- [National Action Plan 4.0 covering the operational period 5:00PM 7 March – 5:00PM 14 March 2023](#) was issued at 5:00PM Tuesday 7 March 2023.
- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. NCC Logistics are sourcing warehousing staff to assist with the management of the

Hawke's Bay Distribution Hub. At 2:30PM Wednesday 8 March, there are 88 surge staff currently deployed to CDEM Groups, of which 80 are in Hawke's Bay, four in Auckland, and four in Tairāwhiti. Two EMAT members are currently deployed.

- The NCC PIM team has been sharing messages about what support is available, how to stay safe while cleaning up, and have been sharing relevant messages from other agencies.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, have developed an approach to Bailey Bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, and are addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the National Welfare Coordination Meeting (NWCG) and providing support and specialist advice to CDEM Group Welfare Managers where required. The NWCG meetings now occur on a Monday, Wednesday, Friday. NCC Welfare have also undertaken the following actions:
 - Providing input to the National Transition to Recovery Report.
 - Supporting NCC policy with funding reimbursement guidance.
 - Continuing to monitor, and provide guidance as required, including monitoring Hawke's Bay's welfare outreach programme ensuring that satellite communities have the supplies they need.
 - Participating in the AoG accommodation and shelter hui, which aims to integrate delivery solutions across the agencies.
 - Continuing to monitor and provide Needs Assessment guidance as required for Hawke's Bay and Auckland CDEM Groups.
 - Ensuring situational awareness is maintained for isolated/satellite communities of any ongoing needs and plans for the transition to recovery.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori to help support impacted communities. Iwi and marae are playing a significant role in welfare support. Key outputs for NCC Kaitohutohu include but are not limited to:
 - Providing strategic support and advice with colleagues in Wairoa and Hawke's Bay.
 - Assisting in the prioritising and sending of five Starlinks to Hawke's Bay that were distributed to isolated whanau identified in the welfare assessment operation.
 - Seeking resource and expertise to provide Te Tiriti elements to the Risk Management Plan.
 - Assisting in mapping the entire Māori risk landscape using GIS system and creating a Common Operating Picture across all AoG systems that contributes to the geospatial work underway.
- NCC Safety continues to monitor and provide any additional advice/guidance on request for information that come through. NCC Safety continues to support NCC functions, CDEM Groups and agency partners through:
 - Maintaining support to Hawke's Bay and Tairāwhiti on Solid Waste issues and giving periphery support to Auckland on silt related risks. This is achieved through attending and supporting MfE on Tairāwhiti/Hawke's Bay daily meetings and supporting the regional and local issues.
 - Supporting NCC Policy, NCC Planning and MfE around the National Funding mechanism for regions and their solid waste operations.
 - Monitoring the issues around Awatoto and the use of the 'right' legislative powers to cordon off and restrict access to those surrounding commercial sites. This is achieved through analysing the current declined of Work Permits of Persons Conducting Business or Undertaking's (PCBU) trying to get into the Awatoto area to start clean up and operational

duties and through maintaining the roles and responsibilities of all those involved in Awatoto, in particular that WorkSafe NZ is not a lead or co-lead agency for the Awatoto situation.

- Providing advice via information paper to NCC Control on ownerships/guidance/ messaging for insurance related issues to silt.
- NCC Planning have three current priorities:
 - Response to Recovery Transition Report – NCC Planning continue to develop the draft transition report on behalf of the National Controller, which includes forecasting into what response activities are likely to occur through transition to recovery. *This report is due no later than 7 days after the transition period ends. Please note this is a correction from yesterdays' Situation Report 040 which stated in error that the report would be issued when the State of National Emergency expires or is terminated.*
 - Bridge prioritisation – The NCC supported by Waka Kotahi and impacted local roading authorities, have compiled a list of bridges that have been prioritised as high (urgent), medium, and low priority based on the following criteria: connecting isolated communities; current supply chain; and length of bridge vs benefit. *Additional bridges which require prioritisation are currently under discussion awaiting further information from the relevant local authorities.*
 - Solid Waste – NCC Planning has been supporting NCC Policy in the development of possible funding mechanisms for the silt management and collaborating with NCC Safety, STAC and NCC Intelligence to enable the regional clean up through provision of advice, mapping and planning material.



MULTI-AGENCY ACTIONS AND RESOURCES

- As of **Wednesday 8 March, 30** offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 17 Countries/Economies
 - 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- A 14-person team from the US Agency for International Development has deployed to the Hawke's Bay and the National Coordination Centre. They join 33 staff from Fiji, and additional staff from the Royal Australian Air Force and other Australian specialists, in working with NZDF, FENZ and the NCC.
- NZ Response Teams (NZRT) continue to support CDEM Groups with response activities. This week (from 6 March) there are 20 volunteers deployed to Hawke's Bay.
- **220 NZDF personnel are currently deployed which includes NZDF liaison elements embedded in the NCC and in Hastings supporting the Incident Management Team.** Two aircraft, two helicopters and more than 65 trucks are deployed. The aircraft are not located in the regions, however, are on priority call to Hawke's Bay and Tairāwhiti as required.
- The National Health Coordination Centre (NHCC) is reviewing the required response team size as they transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; several initiatives are in place and underway. Planning is underway regarding options for the mental wellbeing recovery phase in the coming weeks. *As at 1215hrs on 06 March 2023, there are no outbreaks of Leptospirosis reported nationally. However, reported leptospirosis cases nationally have been slightly higher than those seen in previous years. There are 18 sporadic cases reported nationwide as compared with historical average of six cases. Out of the 17 potential cases reported in Hawke's Bay since 11 February 2023, 13 have had contact with*

flood waters. Public health units continue to closely monitor the leptospirosis situation. The disease can affect anyone however the highest risk factors are those who have direct contact with potentially contaminated flood waters.

- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments are activated. All service centres are open on the East coast including Wairoa and MSD services and support are also being offered in the form of outreach in community hubs and marae. MSD Funded Community Connectors continue to support the provision of integrated and quality social services.
- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) has been activated for Northland, Auckland, Bay of Plenty, Tairāwhiti, Hawke's Bay, Gisborne, Waikato and the Tararua District. As of 7 March, 1,587 households had registered with TAS across all affected regions. MBIE has two key supply workstreams underway - short-term solutions for people requiring immediate temporary accommodation, and strategic supply/purchasing of assets.
- MPI is working with farm supply companies, such as Farmlands and PGG Wrightson, and vets to ensure critical supplies get to cut-off communities with no road access. Helicopters and Unimog's are being used for the deliveries. As of 2:00PM Wednesday 8 March more than \$20.465 million has already been paid out in nearly 1,754 grants.
- Collaboration with Hawke's Bay CDEM has enabled NZ Red Cross to plan where the final 18 of the 36 NZRC procured generators will be distributed. Today (Wednesday 8 March) NZRC Disaster Welfare Support Teams (DWST's) in Hawke's Bay will support community outreach across Bay View and Eskdale. In the Auckland region psychological support is focused on the Piha and Muriwai regions where some of the worst impacts have been seen.

RECOVERY

- NEMA Recovery are working on the Response to Recovery Transition Report with NCC Control and NCC Planning.
- Scoping availability of recovery practitioners continues in order to assist with staffing into recovery for both NEMA and the regions, as limited personnel experience fatigue.
- NCC Recovery is liaising with CDEM Groups on their recovery structures, recovery action plans, and transition reports.
- NEMA Recovery has been holding twice weekly National Recovery Coordination Group (NRCG) meetings with central agencies and NGO partners to assess ongoing needs and priorities and held a meeting on Tuesday 7 March.
- The Hawkes Bay Joint Committee is meeting tomorrow, Thursday 9 March, and may appoint an interim Group Recovery Manager.
- NCC Policy is putting out funding guidelines, this will be relevant for recovery.
- A member of NCC Recovery has been attending the National Waste Management meetings. Silt and contaminated waste disposal will be long term issues for recovery. There are areas that have large volumes of mixed waste on both privately-owned land and council land. The mixed waste is also covered by a layer of silt. Guidance has been provided by NCC Safety on conducting risk assessments which will continue to be essential moving into recovery.
- A member of NCC Recovery has been attending National Welfare Coordination Group (NWCG) meetings to gain an understanding of the priorities for social recovery. Clarity on these priorities

will be provided as the regions continue their needs assessments. Anxiety is being reported among isolated communities around the government's pending decisions for recovery.

- NCC Recovery continues to assist with the standing up of the Cyclone Gabrielle national recovery arrangements.

KEY REGIONAL UPDATES – Areas under State of National Emergency



HAWKE'S BAY

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- Hawke's Bay CDEM released Action Plan 16 covering the operational period 6:00PM Friday 3 March through to 6:00PM Wednesday 8 March. [Development of the pathway to recovery will be the Controller's focus for the next few days.](#)
- The rāhui on fishing and gathering kaimoana between Te Awanga and Mohaka has been extended until Monday 13 March.
- Isolated, remote communities continue to be a top priority. [There is a helicopter in support of bulk resupply to isolated communities including Upper & Lower Dartmoor, Waihau, Puketitiri and Patoka. Health providers and NZ Police are also onboard while visiting these communities. With the loss of the bridge over the Mangaone River isolating the community, options and solutions are being considered locally and regionally, including the obvious H&S issues associated. Surf Lifesaving NZ \(SLNZ\) are currently on-site providing support, albeit with restricted daylight hours. There are a number of health and safety issues associated to the current method of supplying a crossing.](#)



Figure 1: Rope pulley system and SLNZ IRBs at the Mangaone River crossing- Puketapu side of crossing

- On Monday 6 March, a 3-day welfare outreach programme began with the goal of reconnecting and establishing definitive communications with satellite communities and individual households; this operation includes approximately 108 properties across the Hawke's Bay region. At the close of day two (7 March) of the outreach programme 34 properties had been visited in the Puketitiri, Te Pōhue, Tutira and Putorino communities. The communities that were visited on Day 2 did not raise any significant issues. Restoration of telecommunications connectivity has facilitated access to welfare and external functions. Most addresses had access to a local hub for sustainment. These locations have been ensuring regular check-ins with neighbours, showing cohesion and resilience.
- As at 11:23AM Wednesday 8 March, 15 CDCs/CLCs remain open in Hawke's Bay accommodating 217 people overnight, 23 in CDC's and the remainder in CLC's.
- As of 8:30AM Wednesday 8 March, 103 buildings have been issued with red placards and 1,056 with yellow placards.
- Hawke's Bay DHB report that Leptospirosis and Campylobacter cases continue to increase; most cases have been attributed to contact with floodwater. Te Whatu Ora have created a pamphlet advising the community on looking after health, use of PPE post cyclone, leptospirosis prevention is included.
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials, sanitary items, generators and fuel. Iwi continues to lead the operation, in partnership with CDEM and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land. MPI are working on distributing supplies to rural areas including essential resources for fencing, fuel, and generators. They are working closely with the Regional Distribution Centre. A sustainment plan is being compiled to ensure that this is an effective and enduring capability.
- There is continued concern among farming communities for the ability to move stock off farm by the end of April, along with receiving building materials such as fencing to repair properties. The Rural Advisory Group continue to engage with these communities and are holding horticulture meetings.
- Media release planned for Thursday 9 March informing of a new streamlined weekly cycle for providing supplies to isolated communities. This will also be used to inform on the welfare outreach programme.

CRITICAL INFRASTRUCTURE

- A cordon remains in place around Awatoto Industrial Estate however, the permit system was temporarily suspended on Tuesday 7 March, between 10:00AM-8:00PM to allow critical workers from impacted businesses to perform essential tasks in the industrial buildings. Appropriate PPE must be worn to gain access to the site. At 8:00PM the permit system resumed. Te Whatu Ora is providing health advice on health aspects relating to the affected zone. Residents of Awatoto area have requested bore testing for their properties as some have become unwell after drinking from their bore water.
- On Tuesday 7 March five Starlink units were received by iwi in Hawke's Bay.
- A shortage of 200L fuel containers is reducing capacity to deliver bulk fuel requirements.
- The supply and demand of accommodation, for families transitioning from emergency accommodation to temporary accommodation, and for surge staff assisting in response activities, is identified as a key risk.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Two major routes in the region remain closed: SH2 Napier to Raupunga and SH5 Napier to Taupo. Tutira community will become isolated again due to SH2 closure North from Tangoio to Tutira. Work on the overslip begins today (Wednesday 8 March). Options are being explored into opening forestry roads to allow land access for deliveries. Waka Kotahi provides a regional State Highway Access map at [Cyclone Gabrielle regional map - Hawke's Bay \(nzta.govt.nz\)](https://www.nzta.govt.nz/cyclone-gabrielle-regional-map-hawkes-bay). As engineers and inspectors are reaching further into affected areas the inspections are exposing major access issues due to unstable terrain. Routes remain vulnerable to flooding and further slips with local road closures remaining significant.



Figure 2: Single lane access on SH25 Waihi to Whangamata (Source: Waka Kotahi 8:17AM 8 March)

- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi occurred to prioritise Bailey Bridges. Approval has been given for the deployment of Bailey Bridges at Rissington, Moeangiangi, Whanawhana, Ellis-Wallace, Opoiti (completed), Mangatutu, Hikuwai #1 (SH35) and Waikare River Bridge. Some work is expected to be complete around the 12 April.
- Rail lines in and out of Hawke's Bay are closed due to significant damage and slips. KiwiRail is aiming to open the line between Woodville and Hastings before the end of March. Repairs to approximately 50 weather damaged sites south of Hastings are making good progress, including on Bridge 176 at Waipawa. Work building a temporary container terminal in Hastings is also

progressing well. This will allow freight to be railed to/from Hastings then road-bridged to/from Napier Port.

- The rail line between Hastings and Napier is expected to remain closed for up to six months. There has been significant damage around Awatoto specifically to Bridge 217, which has lost piers, spans, and track. This also applies to several other sites on the approximately 20km section of line. Debris clearing around this section of line is ongoing, and teams have started repairing track and undertaking design work for fixing Bridge 217. Napier to Wairoa is expected to remain closed for some time as the priority is to reopen the line to Napier from Hastings. Inspections on this section of line are ongoing with around 150 damaged sites identified so far. KiwiRail will be working closely with Waka Kotahi where the road and rail line run close together in Eskdale. In this area 7km of rail line has been badly damaged, and in some places the tracks have been dragged significant distances by flood waters. Along the 20km stretch of rail line that travels up the Esk River valley, there are at least 20 major damaged sites, with several more in the 10km stretch to Tutira. These are difficult to access due to the terrain. Several bridges on the line will need detailed inspection. The 60km stretch of line further north, to Wairoa, appears to be less damaged. Drone flights of the Waikere Rail Bridge are to occur today (8 March) or tomorrow (9 March) to assess the scope of work to be conducted.
- As at 8:56AM Wednesday 8 March there were 1,209 customers without power in Hawke's Bay. The Region is at 98.16% restored. Transpower continues to work on bringing the interconnecting transformer at Redclyffe into service. This will increase supply resilience into Hawke's Bay and improve voltage issues in the Unison network.

TAIRĀWHITI

Activation Status

CDEM Group ECC activated.

AFFECTED COMMUNITIES

- MBIE TAS advised that 40 migrant workers are reported to be staying at a café in Mōrere and are being supported by the community. This is being addressed at the local and regional levels.
- MPI Animal Welfare Emergency Management (AWEM) have drafted the Tairāwhiti Operation Reach process and created a handover of the key objectives and actions for the project to provide critical supplies to isolated farms. This is to be handed over for local coordination between local MPI staff and the Tairāwhiti Rural Coordination Group (RCG).
- The Trust Tairāwhiti business support grant is extremely oversubscribed. They've received \$12 million worth of applications within 24 hours (for a \$4.5 million fund). This highlights the need for business support and there are concerns that rural Māori businesses were unable to access the fund.
- As of 8:30AM Wednesday 8 March, 11 buildings have been issued with red placards and 170 with yellow placards.
- CDEM note an increased number of animal welfare issues arising from the rapid needs assessments. These are mainly livestock issues include issues retaining stock on properties due to lost fencing, water issues due to broken water systems and access to animal welfare supplies (mainly due to isolation).
- Food provision is still necessary for isolated communities. CDEM is confident that supermarkets (4-Square primarily) across the east coast have adequate supplies.

- Gisborne's main water supply line remains compromised. A supplementary plant (Waipoa) is being used at a reduced capacity, meaning significant water restrictions have been implemented. However, supply is staying ahead of demand.
- Silt and waste management planning is underway to support clean-up, prioritising identifying dumping sites and safety messaging. There are concerns with the handling of potentially flood-damaged asbestos-contaminated materials for both public and clearance personnel.

CRITICAL INFRASTRUCTURE

- As of 8:56AM Wednesday 8 March there are 17 consumers without access to power.
- SH2 will be closed at Otoko from 6:00AM until 4:00PM on Thursday 9 March, with a single convoy in place in each direction at 9:00AM (northbound) and 10:00AM (southbound) to help limit the disruption, Waka Kotahi NZ Transport Agency advises. This road closure will enable fast-track removal of potential hazards along the route.
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. Planning is underway for the installation of a temporary Bailey Bridge at Hikuwai with an expected construction time of approximately eight weeks. The Ihungia-Mata loop road between Tokomaru Bay and Te Puia Springs has been established for convoy meaning the area is more accessible for supplies and services. It will be closed on Mondays and Thursdays for maintenance. Makarika 2 bridge has become damaged and been closed restricting access to the Makarika community.

KEY REGIONAL UPDATES – Areas under National Transition Period



NORTHLAND

KEY ISSUES

- There is a Welfare Recovery Transition Strategy in development.

AUCKLAND

KEY ISSUES

- An upcoming concert in Auckland has further exasperated the lack of available accommodation.
- As of 8:30AM Wednesday 8 March, 664 buildings have been issued with red placards, 2,292 with yellow placards and 4,200 with white placards (for both January and February weather events).
- The demolition of the Mount Eden Shot Tower has been completed. Auckland Emergency Management (AEM) have informed affected residents that it is safe to return to their homes.
- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service agencies. The Welfare Team are proactively reaching out to communities based on regional damage, impact assessments a community reports to assess the need for further support.

- Cordons continue in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. Community meetings are planned for Karekare and Piha later this week. Muriwai and Karekare are a priority for Auckland Emergency Management, with uncertainty causing increased anxiety in the community. Questions around red zoning the area are being raised.

WAIKATO

KEY ISSUES

- Waikato's recovery focus will be on continued welfare and operational support to affected communities, and repairs to infrastructure.
- As of **8:30AM Wednesday 8 March**, 20 buildings have been issued with red placards, 36 with yellow placards, and 47 with white placards. Waikato District Council are looking to expand their existing designated area due to damage to buildings being discovered further afield. MBIE are assisting the Council.
- Roading remains fragile in parts of the region, in particular the Coromandel Peninsula and Raglan. SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times.
- **SH25 Waihi to Whangamatā remains open but reduced to light vehicles only due to a drop out. The route was originally closed on the morning of Monday 6 March due to a washout caused by heavy rain. MPI are managing expectations of transit of primary industry products.**

TARARUA

KEY ISSUES

- Tararua still has multiple local road closures and the Tararua District Council and Tararua Alliance are focusing on repairs. As of **2:00PM Wednesday 8 March**, 13 local roads continue to be closed across the district affecting about 200 households, although resident access is being allowed on these roads.
- The region remains prone to further impacts should severe weather hit in the coming weeks, and already critical infrastructure could be compromised further.
- As of **8:30AM Wednesday 8 March**, 6 buildings have been issued with red placards, 13 with yellow placards, and 9 with white placards.



PUBLIC INFORMATION

Public information is being led by local Civil Defence Emergency Management groups.

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.

- Monetary donations are the single most helpful thing kiwis can do right now. There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- Northland, Auckland, and Waikato regions and the Tararua District moved on 3 March to a national transition period. Masterton, Carterton and Wairarapa Districts are also under a national transition period after consultation with local councils. These regions are no longer under a state of national emergency, but as Tairāwhiti and Hawke's Bay are still in an active response phase, they remain under a state of national emergency.
- Cyclone Gabrielle caused widespread damage and impacts across many regions and districts in Aotearoa New Zealand. Each region and district affected by Cyclone Gabrielle is working with NEMA to determine when they are ready to move into a recovery phase. This decision must be based on the needs of their communities and the ongoing impacts they are managing.
- The national transition period means there is coordination of all-of-government support for local authorities and CDEM Groups leading the local and regional recovery efforts.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. It was first declared on 14 February and extended on 21 February, 28 February and 7 March.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible. Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Floodwater can carry bacteria that can contaminate food. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities. Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high. When cleaning up silt, use normal low-pressure hoses and brooms to push wet material without making it airborne.
- Do not attempt to burn fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Before you dig website and beforeudig.co.nz for all utilities.
- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.



- As of Wednesday 1 March Version 6 of the all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages. <https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

? ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1700 hours on 9 March 2023

Please send Agency updates and products to 9(2)(a) [redacted] and 9(2)(a) [redacted] for inclusion in NCC Intelligence Products.

Proactively released



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 042

ISSUED AT 17:00 HOURS ON 9 MARCH 2023

Event name:		Declaration status:															
North Island Severe Weather Event January 2023		State of National Emergency covering Tairāwhiti Hawke's Bay National Transition Period covering Northland Auckland Waikato Tararua District															
Activation status:		Time declared:															
Mode 4 Lead/Direct		State of National Emergency Tairāwhiti and Hawke's Bay: 8:43AM 14 February 2023 – 8:43AM 14 March 2023 National Transition Period Northland, Auckland, Waikato, and Tararua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023 Masterton, Carterton and Wairarapa Districts: 8:43AM 7 March 2023 – 8:43AM 5 June 2023															
Contact:		NEMA NCC Incident Classification:															
Email: 9(2)(a) Phone: 9(2)(a)		Note: This is NEMA's incident classification. <table border="1" style="margin-top: 10px;"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1" style="margin-top: 10px;"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>			↑	N 4	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 4	S																
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N1	A minor national level response																
N2	A moderate national level response																
N3	A major national level response																
N4	A severe national level response																

Updated information is in blue text (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua.
- A State of National Emergency was declared on 14 February 2023, and then extended on Tuesday 21 February, Tuesday 28 February and Tuesday 7 March, each time for a further seven days. From 28 February, the State of National Emergency ceased to apply to the Bay of Plenty.
- On Friday 3 March Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District moved into a national transition period. As of 7 March Masterton, Carterton and Wairarapa Districts are now part of the national transition period.
- The national transition period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The National Transition Period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle. Police have confirmed that there are no persons unaccounted for as of Thursday 2 March.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As at 8 March approximately \$61.394 million (up \$0.539 million) of Ministry of Social Development Civil Defence Grants have been paid to 107,496 people (up 234). On Wednesday 8 March, \$3.87 million was committed to the Government Community Support Package for people impacted by North Island floods and Cyclone Gabrielle has been committed.

Weather

- Heavy rain is forecast for western areas of the South Island and parts of the North Island. Severe gale northwesterlies are possible for the areas of Wellington and southern Wairarapa. A front, preceded by a strong moist northerly flow is forecast to move north over the South Island today (Thursday 9 March) and across the North Island on Friday 10 March, covering some areas impacted by the recent severe weather.
- Heavy rain warnings remain in place for Westland and the headwaters of the Canterbury lakes and rivers. Additionally heavy rain watches remain in place for Buller and the Nelson Lakes. New heavy rain watches have been put in force for the Tararua Range, Taranaki, eastern Bay of Plenty and the Far North, with the risk of possible thunderstorms in eastern Bay of Plenty and Northland.
- On Friday, a period of rain is forecast for Hawke's Bay in the morning followed by isolated showers in the afternoon, of which one or two could be heavy and possibly thundery in the late afternoon or evening. In Tairāwhiti there are showers forecast for the afternoon, of which one or two could be heavy and possibly thundery in the late afternoon or evening.

Key Risks and Issues

- In Tairāwhiti and Hawke's Bay, Māori communities have been disproportionately impacted and isolated. Restoring access via the roading network is critical for Māori communities to allow the assessment of the extent of the impact and provide necessary welfare support.
- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular. MBIE TAS reports that the number of households outside the two-day timeframe for their initial needs assessment

has decreased from 236 to 232, but the number of those outside the five-day assessment has increased slightly from 89 to 93.

- Silt and waste removal and clean-up continues to be a significant issue. This has put significant strain on waste removal contractors and waste storage facilities. The NCC and relevant ECCs continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated properties. The Ministry for the Environment is supporting this work. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in solid waste management.
- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is multi-agency analysis occurring which will determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation.
- Te Whatu Ora advise that concerns have been raised regarding the contamination of the aquifer in the Hawke's Bay region due to floodwaters passing through industrial and agricultural areas. On Wednesday 8 March Taumata Arowai stated they will review this issue and report back this week.
- Waka Kotahi continues to send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. Community sentiment remains a concern given the extensive nature of disruptions (this is not limited to land transport infrastructure disruptions) and the ongoing fatigue.
- At 8:30AM Thursday 9 March there were 1,098 customers without power in the two remaining impacted regions of Hawke's Bay and Tairāwhiti, down by 137 customers with 1,082 in Hawke's Bay.
- As of 2:10PM Thursday 9 March, there are now no schools and 16 early learning services (ELS) closed across Hawke's Bay and Tairāwhiti. Nine of the 16 ELS closures are Te Kōhanga Reo; Te Kōhanga Reo National Trust Board is working closely to support these Kōhanga.
- The 2023 Census will be extended for areas impacted by the cyclone while the rest of the country was required to complete the Census by 7 March. Cyclone Gabrielle hit New Zealand during the first week of collection for the 2023 Census, causing Statistics New Zealand to postpone activities across the North Island. The Census collection resumed in the North Island from Friday 17 February where it was safe and appropriate to do so. Currently the Census is being conducted as planned in areas covering around 90 percent of the population. For the impacted areas there will be:
 - an extension of time to do the Census, with on-the-ground support until 1 June 2023 where needed, and further time to complete the Census online
 - amendments to how the census will be collected including more community-led initiatives to support people to participate.



NCC ACTIONS

Actions carried out

- National Action Plan 4.0 covering the operational period 5:00PM 7 March – 5:00PM 14 March 2023 was issued at 5:00PM Tuesday 7 March 2023.
- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. NCC Logistics are sourcing warehousing staff to assist with the management of the

Hawke's Bay Distribution Hub. At 2:30PM Thursday 9 March, there are 82 surge staff currently deployed to CDEM Groups, of which 73 are in Hawke's Bay, three in Auckland, and six in Tairāwhiti.

- The NCC PIM team has been sharing messages about what support is available, how to stay safe while cleaning up, and have been sharing relevant messages from other agencies.
- NCC Operations are developing the new NCC Liaison Officer roster to align with the amended NCMC shift hours from Saturday 11 March.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, have developed an approach to Bailey Bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, and are addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the National Welfare Coordination Meeting (NWCG) and provide support and specialist advice to CDEM Group Welfare Managers where required. The NWCG meetings now occur on a Monday, Wednesday, Friday. NCC Welfare have also undertaken the following actions:
 - Providing input to the National Transition to Recovery Report.
 - Supporting NCC policy with funding reimbursement guidance.
 - Continuing to monitor, and provide guidance as required, including monitoring Hawke's Bay's welfare outreach programme ensuring that satellite communities have the supplies they need.
 - Participating in the AoG accommodation and shelter hui, which aims to integrate delivery solutions across the agencies.
 - Continuing to monitor and provide Needs Assessment guidance as required for Hawke's Bay and Auckland CDEM Groups.
 - Ensuring situational awareness is maintained for isolated/satellite communities of any ongoing needs and plans for the transition to recovery.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori to help support impacted communities. Iwi and marae are playing a significant role in welfare support. Key outputs for NCC Kaitohutohu include but are not limited to:
 - Providing strategic support and advice with colleagues in Wairoa and Hawke's Bay.
 - Assisting in the prioritising and sending of five Starlinks to Hawke's Bay that were distributed to isolated whanau identified in the welfare assessment operation.
 - Seeking resource and expertise to provide Te Tiriti elements to the Risk Management Plan.
 - Assisting in mapping the entire Māori risk landscape using GIS system and creating a Common Operating Picture across all AoG systems that contributes to the geospatial work underway.
- NCC Safety continues to monitor and provide any additional advice/guidance on request for information that come through. NCC Safety continues to support NCC functions, CDEM Groups and agency partners through:
 - Maintaining support to Hawke's Bay and Tairāwhiti on Solid Waste issues and giving periphery support to Auckland on silt related risks. This is achieved through attending and supporting MfE on Tairāwhiti/Hawke's Bay daily meetings and supporting the regional and local issues.
 - Supporting NCC Policy, NCC Planning and MfE around the National Funding mechanism for regions and their solid waste operations.
 - Monitoring the issues around Awatoto and the use of the 'right' legislative powers to cordon off and restrict access to those surrounding commercial sites. This is achieved through analysing the current declined of Work Permits of Persons Conducting Business or

Undertaking's (PCBU) trying to get into the Awatoto area to start clean up and operational duties and through maintaining the roles and responsibilities of all those involved in Awatoto, in particular that WorkSafe NZ is not a lead or co-lead agency for the Awatoto situation.

- Providing advice via information paper to NCC Control on ownerships/guidance/ messaging for insurance related issues to silt.
- NCC Planning have three current priorities:
 - Response to Recovery Transition Report – NCC Planning continue to develop the draft transition report on behalf of the National Controller, which includes forecasting into what response activities are likely to occur through transition to recovery.
 - Bridge prioritisation – The NCC supported by Waka Kotahi and impacted local roading authorities, have compiled a list of bridges that have been prioritised as high (urgent), medium, and low priority based on the following criteria: connecting isolated communities; current supply chain; and length of bridge vs benefit. Additional bridges which require prioritisation are currently under discussion awaiting further information from the relevant local authorities.
 - Solid Waste – NCC Planning has been supporting NCC Policy in the development of possible funding mechanisms for the silt management and collaborating with NCC Safety, STAC and NCC Intelligence to enable the regional clean up through provision of advice, mapping and planning material.



MULTI-AGENCY ACTIONS AND RESOURCES

- As of Wednesday 8 March, 30 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 17 Countries/Economies
 - 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- A 14-person team from the US Agency for International Development has deployed to the Hawke's Bay and the National Coordination Centre. They join 33 staff from Fiji, and additional staff from the Royal Australian Air Force and other Australian specialists, in working with NZDF, FENZ and the NCC.
- NZ Response Teams (NZRT) continue to support CDEM Groups with response activities. This week (from 6 March) there are 20 volunteers deployed to Hawke's Bay.
- 220 NZDF personnel are currently deployed which includes NZDF liaison elements embedded in the NCC and in Hastings supporting the Incident Management Team. Two aircraft, two helicopters and more than 65 trucks are deployed. The aircraft are not located in the regions, however, are on priority call to Hawke's Bay and Tairāwhiti as required.
- Waka Kotahi has reported 24 locations have been identified where a Bailey Bridge could be an option. Of these, eight sites have been given the green light, of which one is complete, three are underway and four are still being designed/ investigated. Five sites are orange and six are red priority, looking more medium to long term. Additionally, there are five 'new' sites where Bailey Bridges have been requested, but priority has not yet been determined.
- The National Health Coordination Centre (NHCC) is reviewing the required response team size as they transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; several initiatives are in place and underway. Planning is underway regarding options for the mental wellbeing recovery phase in the coming weeks. As at 1215hrs on 06 March 2023, there are no outbreaks of Leptospirosis reported nationally. However, reported leptospirosis cases nationally have been slightly higher than those seen in previous years. There are 18

sporadic cases reported nationwide as compared with historical average of six cases. Out of the 17 potential cases reported in Hawke's Bay since 11 February 2023, 13 have had contact with flood waters. Public health units continue to closely monitor the leptospirosis situation. The disease can affect anyone however the highest risk factors are those who have direct contact with potentially contaminated flood waters.

- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments are activated. All service centres are open on the East coast including Wairoa and MSD services and support are also being offered in the form of outreach in community hubs and marae. MSD Funded Community Connectors continue to support the provision of integrated and quality social services.
- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) has been activated for Northland, Auckland, Bay of Plenty, Tairāwhiti, Hawke's Bay, Gisborne and Waikato. As of 4:00PM 7 March, 1,625 households had registered with TAS across all affected regions. MBIE has two key supply workstreams underway - short-term solutions for people requiring immediate temporary accommodation, and strategic supply/purchasing of assets. TAS has significantly upscaled resources to meet the demands for this response.
- MPI is working with farm supply companies, such as Farmlands and PGG Wrightson, and vets to ensure critical supplies get to cut-off communities with no road access. Helicopters and Unimog's are being used for the deliveries. As of Wednesday 8 March approximately \$22.040 million has already been paid out in approximately 1,899 grants to people.
- Collaboration with Hawke's Bay CDEM has enabled NZ Red Cross to plan where the final 18 of the 36 NZRC procured generators will be distributed. On Wednesday 8 and Thursday 9 March NZRC Disaster Welfare Support Teams (DWST's) in Hawke's Bay supported community outreach across Bay View, Eskdale, Puketapu, Twyford and Pakowhai. In the Auckland region psychological support is focused on the Piha and Muriwai regions where some of the worst impacts have been seen.



RECOVERY

- NEMA Recovery are working on the Response to Recovery Transition Report with NCC Control and NCC Planning.
- Scoping availability of recovery practitioners continues in order to assist with staffing into recovery for both NEMA and the regions, as limited personnel experience fatigue.
- NCC Recovery is liaising with CDEM Groups on their recovery structures, recovery action plans, and transition reports.
- NEMA Recovery has been holding twice weekly National Recovery Coordination Group (NRCG) meetings with central agencies and NGO partners to assess ongoing needs and priorities and held a meeting on Tuesday 7 March.
- The Hawkes Bay Joint Committee is meeting today, Thursday 9 March, and may appoint an interim Group Recovery Manager.
- NCC Policy is putting out funding guidelines, this will be relevant for recovery.
- A member of NCC Recovery has been attending the National Waste Management meetings. Silt and contaminated waste disposal will be long term issues for recovery. There are areas that have large volumes of mixed waste on both privately-owned land and council land. The mixed waste is also covered by a layer of silt. Guidance has been provided by NCC Safety on conducting risk assessments which will continue to be essential moving into recovery.

- A member of NCC Recovery has been attending National Welfare Coordination Group (NWCG) meetings to gain an understanding of the priorities for social recovery. Clarity on these priorities will be provided as the regions continue their needs assessments. Anxiety is being reported among isolated communities around the government's pending decisions for recovery.
- NCC Recovery continues to assist with the standing up of the Cyclone Gabrielle national recovery arrangements.

KEY REGIONAL UPDATES – Areas under State of National Emergency



HAWKE'S BAY

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- Hawke's Bay CDEM released Action Plan 16 covering the operational period 6:00PM Friday 3 March through to 6:00PM Wednesday 8 March. Development of the pathway to recovery will be the Controller's focus for the next few days. [As of Friday 10 March Situation Reports from Hawke's Bay Group will move to one report daily.](#)
- The rāhui on fishing and gathering kaimoana between Te Awanga and Mohaka has been extended until Monday 13 March.
- Isolated, remote communities continue to be a top priority. There is a helicopter in support of bulk resupply to isolated communities including Upper & Lower Dartmoor, Waihau, Puketitiri and Patoka. Health providers and NZ Police are also onboard while visiting these communities. With the loss of the bridge over the Mangaone River isolating the community, [a temporary solution is in place, however it presents health and safety issues.](#) Alternative options and solutions are being considered locally and regionally. Surf Lifesaving NZ (SLNZ) are currently on-site providing support, albeit with restricted daylight hours.



Figure 1: Rope pulley system and SLNZ IRBs at the Mangaone River crossing- Puketapu side of crossing

- On Monday 6 March, a 3-day welfare outreach programme began with the goal of reconnecting and establishing definitive communications with satellite communities and individual households; this operation includes approximately 108 properties across the Hawke's Bay region. Field teams continue to come across persons that have not been visited yet. The communities that were visited on day 2 did not raise any significant issues. Restoration of telecommunications connectivity has facilitated access to welfare and external functions. Most addresses had access to a local hub for sustainment. These locations have been ensuring regular check-ins with neighbours, showing cohesion and resilience.
- In Wairoa, Operation Papakāinga has been initiated and led by Māori wardens with approval from Ngāti Pahauwera and supported by GECC, based on Wairoa EOC mandating Mana Whenua to lead a welfare-need-based response. Operation Papakāinga will visit Marae and hapori (community) in Putere, Kotemaori, and Mohaka to contact all properties within the identified areas. Work on this operation is underway.
- As at 11:23AM Wednesday 8 March, 15 CDCs/CLCs remain open in Hawke's Bay accommodating 217 people overnight, 23 in CDC's and the remainder in CLC's.
- As of 5:30PM Wednesday 8 March, 104 buildings have been issued with red placards and 1,061 with yellow placards. Rapid building assessments are still occurring in some areas, such as Wairoa and remote areas of Hastings. Reassessments are also occurring in some areas because some buildings could not be adequately assessed due to flooding and hazards or because they required more detailed assessments by professionals.
- Hawke's Bay DHB report that Leptospirosis and Campylobacter cases continue to increase; most cases have been attributed to contact with floodwater. Te Whatu Ora have created a pamphlet advising the community on looking after health, use of PPE post cyclone, leptospirosis prevention is included.
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials, sanitary items, generators and fuel. Work is underway to transition the Regional Distribution Hub to a more sustainable model. Iwi continues to lead the operation, in partnership with CDEM and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land. MPI are working on distributing supplies to rural areas including essential resources for fencing, fuel, and generators. They are working closely with the Regional Distribution Centre.

- There is continued concern among farming communities for the ability to move stock off farm by the end of April, along with receiving building materials such as fencing to repair properties. The Rural Advisory Group continue to engage with these communities and are holding horticulture meetings.
- Media release planned for Thursday 9 March informing of a new streamlined weekly cycle for providing supplies to isolated communities. This will also be used to inform on the welfare outreach programme.

CRITICAL INFRASTRUCTURE

- A cordon remains in place around Awatoto Industrial Estate. Appropriate PPE must be worn to gain access to the site. Te Whatu Ora is providing health advice on health aspects relating to the affected zone. Residents of Awatoto area have requested bore testing for their properties as some have become unwell after drinking from their bore water.
- A shortage of 200L fuel containers is reducing capacity to deliver bulk fuel requirements.
- The supply and demand of accommodation, for families transitioning from emergency accommodation to temporary accommodation, and for surge staff assisting in response activities, is identified as a key risk.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Two major routes in the region remain closed: SH2 Napier to Raupunga and SH5 Napier to Taupo. [The full re-opening of SH2 is likely to take two to three months. For SH5, the aim is to have the road reopened to the public in approximately two to three weeks.](#)
- Tutira community has become isolated again due to SH2 closure North from Tangoio to Tutira. Work on the overslip began on Wednesday 8 March. Options are being explored into opening forestry roads to allow land access for deliveries. Waka Kotahi provides a regional State Highway Access map at [Cyclone Gabrielle regional map - Hawke's Bay \(nzta.govt.nz\)](http://cyclone.gabrielle.regional-map-hawkes-bay.nzta.govt.nz). As engineers and inspectors are reaching further into affected areas the inspections are exposing major access issues due to unstable terrain. Routes remain vulnerable to flooding and further slips with local road closures remaining significant.
- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi occurred to prioritise Bailey Bridges. Approval has been given for the deployment of Bailey Bridges at Rissington, Moeangiangi, Whanawhana, Ellis-Wallace, Opoiti (completed), Mangatutu, Hikuwai #1 (SH35) and Waikare River Bridge. Some work is expected to be complete around the 12 April.
- Rail lines in and out of Hawke's Bay are closed due to significant damage and slips. KiwiRail is aiming to open the line between Woodville and Hastings before the end of March. Repairs to approximately 50 weather damaged sites south of Hastings are making good progress, including on Bridge 176 at Waipawa. Work building a temporary container terminal in Hastings is also progressing well. This will allow freight to be railed to/from Hastings then road-bridged to/from Napier Port.
- The rail line between Hastings and Napier is expected to remain closed for up to six months. There has been significant damage around Awatoto specifically to Bridge 217, which has lost piers, spans, and track. This also applies to several other sites on the approximately 20km section of line. Debris clearing around this section of line is ongoing, and teams have started repairing track and undertaking design work for fixing Bridge 217. Napier to Wairoa is expected to remain closed for some time as the priority is to reopen the line to Napier from Hastings. Inspections on this section of line are ongoing with around 150 damaged sites identified so far. KiwiRail will be working closely with Waka Kotahi where the road and rail line run close together in Eskdale. In this area 7km of rail line has been badly damaged, and in some places the tracks have been dragged significant distances by flood waters. Along the 20km stretch of rail line that travels up the Esk River valley, there are at least 20 major damaged sites, with several more in the 10km stretch to Tutira. These are difficult to access due to the terrain. Several bridges on the line will need detailed inspection. The 60km stretch of line further north, to Wairoa, appears to be less damaged. Drone

flights of the Waikere Rail Bridge are occurring between 8 March and 9 March to assess the scope of work to be conducted.

- As at 8:30AM Thursday 9 March there were 1,082 customers without power in Hawke's Bay. The Region is at 98.35% restored. Transpower continues to work on bringing the interconnecting transformer at Redclyffe into service. This will increase supply resilience into Hawke's Bay and improve voltage issues in the Unison network.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- MBIE TAS advised that 40 migrant workers are reported to be staying at a café in Mōrere and are being supported by the community. This is being addressed at the local and regional levels.
- MPI Animal Welfare Emergency Management (AWEM) have drafted the Tairāwhiti Operation Reach process and created a handover of the key objectives and actions for the project to provide critical supplies to isolated farms. This is to be handed over for local coordination between local MPI staff and the Tairāwhiti Rural Coordination Group (RCG).
- MPI is working on getting grass seeds which can be grown on silt. The Rural Community group supports this initiative, as it will create the feed in three months. There have been 30 tons of seed allocated to the region.
- The Trust Tairāwhiti business support grant is extremely oversubscribed. They've received \$12 million worth of applications within 24 hours (for a \$4.5 million fund). This highlights the need for business support and there are concerns that rural Māori businesses were unable to access the fund.
- As of 5:30PM Wednesday 8 March, 11 buildings have been issued with red placards and 170 with yellow placards.
- CDEM note an increased number of animal welfare issues arising from the rapid needs assessments. These are mainly livestock issues include issues retaining stock on properties due to lost fencing, water issues due to broken water systems and access to animal welfare supplies (mainly due to isolation).
- Food provision is still necessary for isolated communities. CDEM is confident that supermarkets (4-Square primarily) across the east coast have adequate supplies.
- Gisborne's main water supply line remains compromised. A supplementary plant (Waipoa) is being used at a reduced capacity, meaning significant water restrictions have been implemented. However, supply is staying ahead of demand.
- Silt and waste management planning is underway to support clean-up, prioritising identifying dumping sites and safety messaging. There are concerns with the handling of potentially flood-damaged asbestos-contaminated materials for both public and clearance personnel.

CRITICAL INFRASTRUCTURE

- As of 8:30AM Thursday 9 March there are 7 consumers without access to power.
- Excess silt in the river at Waingake eliminates the option of emergency extraction from the river, as the water treatment plant cannot cope with that silt. Alternative options are being explored. Ongoing water restrictions will be reviewed before the end of March when treated water is

available from Waingake to supplement the Waipaoa supply. Some water restrictions will still be needed into April/ May until more water can be treated and supplied from the Waingake plant.

- SH2 will be closed at Otoko from 6:00AM until 4:00PM on Thursday 9 March, with a single convoy in place in each direction at 9:00AM (northbound) and 10:00AM (southbound) to help limit the disruption, Waka Kotahi NZ Transport Agency advises. This road closure will enable fast-track removal of potential hazards along the route.
- As of Thursday 9 March temporary repairs are complete on the Manganuku Bridge on SH2 with both lanes fully open. Restrictions for overweight vehicles are in place.
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. Planning is underway for the installation of a temporary Bailey Bridge at Hikuwai with an expected construction time of approximately eight weeks. Recovery work continues, including the creation of a local bypass road around the Mangahauini debris dam, which is anticipated to be ready by the end of March. The Ihungia-Mata loop road between Tokomaru Bay and Te Puia Springs has been established for convoy meaning the area is more accessible for supplies and services. It will be closed on Mondays and Thursdays for maintenance. Makarika 2 bridge has become damaged and been closed restricting access to the Makarika community.

KEY REGIONAL UPDATES – Areas under National Transition Period



NORTHLAND

KEY ISSUES

- There is a Welfare Recovery Transition Strategy in development.

AUCKLAND

KEY ISSUES

- On Wednesday, 8 March, Auckland Emergency Management issued the first Recovery Status Report. It is expected that the ongoing Recovery reporting will be weekly on a Friday or by exception from next week. This week's reporting will be on Monday, Wednesday and Friday.
- An upcoming concert in Auckland has further exasperated the lack of available accommodation.
- As of 5:30PM Wednesday 8 March, 665 buildings have been issued with red placards, 2,293 with yellow placards and 4,204 with white placards (for both January and February weather events).
- There is growing frustration from isolated/ priority communities regarding a need for more clarity and timeframes, particularly relating to the roading situation and rates relief for properties with red placards.
- The demolition of the Mount Eden Shot Tower has been completed. Auckland Emergency Management (AEM) have informed affected residents that it is safe to return to their homes.
- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service

agencies. The Welfare Team are proactively reaching out to communities based on regional damage, impact assessments a community reports to assess the need for further support.

- MBIE Temporary Accommodation Services (TAS) supply housing remains an issue. The two main emerging issues are that many Auckland households still need to access the temporary accommodation service and that additional accommodation needs will likely emerge in Muriwai, Piha and Karekare.
- Cordons continue in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. Community meetings are planned for Karekare and Piha later this week. Muriwai and Karekare are a priority for Auckland Emergency Management, with uncertainty causing increased anxiety in the community. Questions around red zoning the area are being raised.

WAIKATO

KEY ISSUES

- Waikato's recovery focus will be on continued welfare and operational support to affected communities, and repairs to infrastructure.
- As of 5:30PM Wednesday 8 March, 20 buildings have been issued with red placards, 40 with yellow placards, and 49 with white placards. Waikato District Council are looking to expand their existing designated area due to damage to buildings being discovered further afield. MBIE are assisting the Council.
- Roothing remains fragile in parts of the region, in particular the Coromandel Peninsula and Raglan. SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times.
- SH25 Waihi to Whangamatā remains open but reduced to light vehicles only due to a drop out. The route was originally closed on the morning of Monday 6 March due to a washout caused by heavy rain. MPI are managing expectations of transit of primary industry products.



Figure 2: Single lane access on SH25 Waihi to Whangamatā (Source: Waka Kotahi 8:17AM 8 March)

TARARUA

KEY ISSUES

- Tararua still has multiple local road closures and the Tararua District Council and Tararua Alliance are focusing on repairs. As of 2:00PM Wednesday 8 March, 13 local roads continue to be closed across the district affecting about 200 households, although resident access is being allowed on these roads.
- The region remains prone to further impacts should severe weather hit in the coming weeks, and already critical infrastructure could be compromised further.
- As of 5:30PM Wednesday 8 March, 6 buildings have been issued with red placards, 9 with yellow placards, and 9 with white placards.



PUBLIC INFORMATION

Public information is being led by local Civil Defence Emergency Management groups.

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- Northland, Auckland, and Waikato regions and the Tararua District moved on 3 March to a national transition period. Masterton, Carterton and Wairarapa Districts are also under a national transition period after consultation with local councils. These regions are no longer under a state of national emergency, but as Tairāwhiti and Hawke's Bay are still in an active response phase, they remain under a state of national emergency.
- Cyclone Gabrielle caused widespread damage and impacts across many regions and districts in Aotearoa New Zealand. Each region and district affected by Cyclone Gabrielle is working with NEMA to determine when they are ready to move into a recovery phase. This decision must be based on the needs of their communities and the ongoing impacts they are managing.
- The national transition period means there is coordination of all-of-government support for local authorities and CDEM Groups leading the local and regional recovery efforts.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. It was first declared on 14 February and extended on 21 February, 28 February and 7 March.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible. Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Floodwater can carry bacteria that can contaminate food. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.

- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities. Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high. When cleaning up silt, use normal low-pressure hoses and brooms to push wet material without making it airborne.
- Do not attempt to burn fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Before you dig website and beforeudig.co.nz for all utilities.
- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- As of Wednesday 1 March Version 6 of the all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages. <https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1700 hours on 10 March 2023

Please send Agency updates and products to **9(2)(a)** and **9(2)(a)** for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 043

ISSUED AT 17:00 HOURS ON 10 MARCH 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	<p>State of National Emergency covering Tairāwhiti Hawke's Bay</p> <p>National Transition Period covering Northland Auckland Waikato Taranua District</p>														
Activation status:	Time declared:														
Mode 4 Lead/Direct	<p>State of National Emergency Tairāwhiti and Hawke's Bay: 8:43AM 14 February 2023 – 8:43AM 14 March 2023</p> <p>National Transition Period Northland, Auckland, Waikato, and Taranua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023 Masterton, Carterton and Wairarapa Districts: 8:43AM 7 March 2023 – 8:43AM 5 June 2023</p>														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 4	S														
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N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).

SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua.
- A State of National Emergency was declared on 14 February 2023, and then extended on Tuesday 21 February, Tuesday 28 February and Tuesday 7 March, each time for a further seven days. From 28 February, the State of National Emergency ceased to apply to the Bay of Plenty.
- On Friday 3 March Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District moved into a national transition period. As of 7 March Masterton, Carterton and Wairarapa Districts are now part of the national transition period.
- The national transition period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The National Transition Period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle. Police have confirmed that there are no persons unaccounted for as of Thursday 2 March.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As at 9:43AM 10 March approximately \$61.912 million (up \$0.518 million) of Ministry of Social Development Civil Defence Grants have been paid to 108,528 people (up 1,032).

Weather

- A front moved over the North Island today (Friday 10 March), with localised rain in some areas impacted by the recent severe weather. It is expected to bring a burst of heavy rain and isolated thunderstorms. There is some risk for eastern areas with heavy rain including Wairoa (tonight).
- Heavy a rain watch is in place for eastern Bay of Plenty, with the risk of possible thunderstorms and for Northland and Auckland.
- The forecast for Saturday is for settled weather, though showers may linger in the west around Wairoa.

Key Risks and Issues

- In Tairāwhiti and Hawke's Bay, Māori communities have been disproportionately impacted and isolated. Restoring access via the roading network is critical for Māori communities to allow the assessment of the extent of the impact and provide necessary welfare support.
- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular. MBIE TAS reports that as of Thursday 9 March the number of households outside the two-day timeframe for their initial needs assessment has decreased from 232 to 209, but the number of those outside the five-day assessment has increased slightly from 93 to 115. It is worth noting these numbers do include households who TAS have not been able to contact due to no answer or incorrect contact details. As of 10 March there are 300 households to be contacted for needs assessment.
- Silt and waste removal and clean-up continues to be a significant issue. This has put significant strain on waste removal contractors and waste storage facilities. The NCC and relevant ECCs

continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated properties. The Ministry for the Environment is supporting this work. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in solid waste management.

- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is multi-agency analysis occurring which will determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation.
- Waka Kotahi continues to send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. Community sentiment remains a concern given the extensive nature of disruptions (this is not limited to land transport infrastructure disruptions) and the ongoing fatigue.
- Psychosocial welfare is likely to have a significant impact on long-term response and recovery plans, with complex welfare cases already emerging in Auckland. This will likely impact vulnerable communities such as Māori and Pacific, RSE workers and the disabled the hardest, especially those who have lost homes or been isolated. Continued support and engagement with these groups through the recovery phase is important to reduce illness and psychosocial trauma.
- Te Whatu Ora recommends continued close monitoring for potential health risks that could arise from housing displacement and unhealthy homes, due to mould development in affected houses.
- At 9:00AM Friday 10 March there were 1,001 customers without power in the two remaining impacted regions of Hawke's Bay and Tairāwhiti, down by 97 customers with 998 in Hawke's Bay.
- As of 11:57AM Friday 10 March, there are now no schools and 15 early learning services (ELS) closed across Hawke's Bay and Tairāwhiti. Nine of the 15 ELS closures are Te Kōhanga Reo; Te Kōhanga Reo National Trust Board is working closely to support these Kōhanga.
- The 2023 Census is being extended for areas impacted by the cyclone while the rest of the country was required to complete the Census by 7 March. Cyclone Gabrielle hit New Zealand during the first week of collection for the 2023 Census, causing Statistics New Zealand to postpone activities across the North Island. For the impacted areas there will be:
 - an extension of time to do the Census, with on-the-ground support until 1 June 2023 where needed, and further time to complete the Census online
 - amendments to how the census will be collected including more community-led initiatives to support people to participate.



NCC ACTIONS

Actions carried out

- National Action Plan 4.0 covering the operational period 5:00PM 7 March – 5:00PM 14 March 2023 was issued at 5:00PM Tuesday 7 March 2023.
- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM Friday 10 March, there are 64 surge staff currently deployed to CDEM Groups, of which 59 are in Hawke's Bay, two in Auckland, and three in Tairāwhiti.

- The NCC PIM team has been sharing messages about what support is available, how to stay safe while cleaning up, and have been sharing relevant messages from other agencies.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, have developed an approach to Bailey Bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, and are addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the National Welfare Coordination Meeting (NWCG) and provide support and specialist advice to CDEM Group Welfare Managers where required. The NWCG meetings now occur on a Monday, Wednesday, Friday. NCC Welfare have also undertaken the following actions:
 - Providing input to the National Transition to Recovery Report.
 - Supporting NCC Policy with funding reimbursement guidance.
 - Continuing to monitor, and provide guidance as required, including monitoring Hawke's Bay's welfare outreach programme ensuring that satellite communities have the supplies they need.
 - Participating in the AoG accommodation and shelter hui, which aims to integrate delivery solutions across the agencies.
 - Continuing to monitor and provide Needs Assessment guidance as required for Hawke's Bay and Auckland CDEM Groups.
 - Ensuring situational awareness is maintained for isolated/satellite communities of any ongoing needs and plans for the transition to recovery.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori to help support impacted communities. Iwi and marae are playing a significant role in welfare support. Key outputs for NCC Kaitohutohu include but are not limited to:
 - Providing strategic support and advice with colleagues in Wairoa and Hawke's Bay.
 - Seeking resource and expertise to provide Te Tiriti elements to the Risk Management Plan.
 - Assisting in mapping the entire Māori risk landscape using GIS system and creating a Common Operating Picture across all AoG systems that contributes to the geospatial work underway.
- NCC Safety continues to monitor and provide any additional advice/guidance on request for information that come through. NCC Safety continues to support NCC functions, CDEM Groups and agency partners through:
 - Maintaining support to Hawke's Bay and Tairāwhiti on solid waste issues and giving periphery support to Auckland on silt related risks. This is achieved through attending and supporting MfE on Tairāwhiti/Hawke's Bay daily meetings and supporting the regional and local issues.
 - Supporting NCC Policy, NCC Planning and MfE around the national funding mechanism for regions and their solid waste operations.
 - Monitoring the issues around Awatoto and the use of the 'right' legislative powers to cordon off and restrict access to those surrounding commercial sites. This is achieved through analysing the current decline of Work Permits of Persons Conducting Business or Undertaking's (PCBU) trying to get into the Awatoto area to start clean up and operational duties and through maintaining the roles and responsibilities of all those involved in Awatoto, in particular that WorkSafe NZ is not a lead or co-lead agency for the Awatoto situation.

- NCC Planning have three current priorities:
 - Response to Recovery Transition Report – NCC Planning continue to develop the draft transition report on behalf of the National Controller, which includes forecasting into what response activities are likely to occur through transition to recovery.
 - Bridge prioritisation – The NCC supported by Waka Kotahi and impacted local roading authorities, have compiled a list of bridges that have been prioritised as high (urgent), medium, and low priority based on the following criteria: connecting isolated communities; current supply chain; and length of bridge vs benefit. Additional bridges which require prioritisation are currently under discussion awaiting further information from the relevant local authorities.
 - Solid Waste – NCC Planning has been supporting NCC Policy in the development of possible funding mechanisms for the silt management and collaborating with NCC Safety, STAC and NCC Intelligence to enable the regional clean up through provision of advice, mapping and planning material.



MULTI-AGENCY ACTIONS AND RESOURCES

- As of Wednesday 8 March, 30 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 17 Countries/Economies
 - 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- A 14-person team from the US Agency for International Development has deployed to the Hawke's Bay and the National Coordination Centre. They join 33 staff from Fiji, and additional staff from the Royal Australian Air Force and other Australian specialists, in working with NZDF, FENZ and the NCC.
- NZ Response Teams (NZRT) continue to support CDEM Groups with response activities. This week (from 6 March) there are 20 volunteers deployed to Hawke's Bay.
- 220 NZDF personnel are currently deployed which includes NZDF liaison elements embedded in the NCC and in Hastings supporting the Incident Management Team. Two aircraft, two helicopters and more than 65 trucks are deployed. The aircraft are not located in the regions, however, are on priority call to Hawke's Bay and Tairāwhiti as required.
- Waka Kotahi has reported 24 locations have been identified where a Bailey Bridge could be an option. Of these, nine sites have been given the green light, the remaining sites are being assessed for approval. Advice has been received that some bridges have been reassessed and no longer require a Bailey Bridge.
- The National Health Coordination Centre (NHCC) is reviewing the required response team size as they transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; several initiatives are in place and underway. Planning is underway regarding options for the mental wellbeing recovery phase in the coming weeks. Public health units continue to closely monitor leptospirosis, gastrointestinal, and skin infections. There are no outbreaks of Leptospirosis reported nationally, however gastrointestinal symptoms and skin infections continue to be reported as a result of ingesting or coming into contact with contaminated water. These are expected to continue throughout the clean-up and in cases where Rāhui is ignored.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments are activated. The Flood Line will be operational on Saturday 11 March between 8:00AM and 1:00PM. It will be closed on Sunday 12 March. All service centres are open on the East coast including Wairoa and MSD services and support are also being offered in the form of outreach in community

hubs and marae. MSD Funded Community Connectors continue to support the provision of integrated and quality social services.

- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) has been activated for Northland, Auckland, Bay of Plenty, Tairāwhiti, Hawke's Bay, Gisborne and Waikato. As of 9:54AM 10 March, 1,693 households had registered with TAS across all affected regions. There are 567 properties in supply as of 10 March. MBIE has two key supply workstreams underway - short-term solutions for people requiring immediate temporary accommodation, and strategic supply/purchasing of assets. TAS has significantly upscaled resources to meet the demands for this response.
- MPI is working with farm supply companies, such as Farmlands and PGG Wrightson, and vets to ensure critical supplies get to cut-off communities with no road access. Helicopters and Unimog's are being used for the deliveries. As of Thursday 9 March approximately \$24.093 million has been paid out to approximately 2,079 people. Collaboration between MPI and Te Puni Kōkiri is taking place on the second phase of support to Māori landowners and farmers/ growers in Tairāwhiti, which will include practical 'on farm' support.
- Collaboration with Hawke's Bay CDEM has enabled NZ Red Cross to plan where the final 18 of the 36 NZRC procured generators will be distributed. On Wednesday 8 to Friday 10 March NZRC Disaster Welfare Support Teams (DWST's) in Hawke's Bay supported community outreach through attending several Community Hubs and attending three community meetings, where they were able to provide psychosocial support. The Hawke's Bay the NZRC teams will cease response operations on the ground with effect from Saturday 11 March.
- The Rapid Relief Team has reported that between 11 and 18 February they served 17,477 meals and provided 3,466 RRT Food Boxes and 1,630 RRT Care Kits across all the impacted regions.



RECOVERY

- Significant progress on the Response to Recovery Transition Report as a joint effort between NCC functions
- Continuing to scope availability of recovery practitioners to assist with staffing across the CDEM system
- Continuing work on products to assist in the establishment of central government National Recovery arrangements
- Assisting development of recovery structures, recovery action plans, and transition reports from the CDEM Groups
- On 9 March the Hawke's Bay Joint Committee appointed an interim Group Recovery Manager and agreed on their recovery strategy and structure.
- Monitoring progress by attending Regional Waste Response meetings to assess medium- and long-term impacts on recovery efforts and to inform transition planning
- A member of NCC Recovery has been attending National Welfare Coordination Group (NWCG) meetings to gain an understanding of the priorities for social recovery. Clarity on these priorities will be provided as the regions continue their needs assessments. Anxiety is being reported among isolated communities around the government's pending decisions for recovery.

- NEMA Recovery has been holding twice weekly National Recovery Coordination Group (NRCG) meetings with central agencies and NGO partners to assess ongoing needs and priorities and held a meeting on Tuesday 7 March.

KEY REGIONAL UPDATES – Areas under State of National Emergency



HAWKE'S BAY

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- The draft Action Plan 19 has been completed for the operational period from 5:00PM Friday 10 March through until 8:45AM Tuesday 14 March. As of Friday 10 March Situation Reports from Hawke's Bay Group will move to one report daily.
- The long-term focus will be on the transition to recovery and ensuring ongoing planning flows into recovery planning, whilst remaining aware of the ongoing issues in Wairoa with isolated communities. Additionally, the ongoing transition process for the distribution hub remains a priority. It is estimated the transition for the distribution hub could be at least six to eight months.
- The rāhui on fishing and gathering kaimoana between Te Awanga and Mohaka has been extended until Monday 13 March.
- Isolated, remote communities continue to be a top priority. There is a helicopter in support of bulk resupply to isolated communities including Upper and Lower Dartmoor, Waihou, Puketitiri and Patoka. Health providers and NZ Police are also onboard while visiting these communities. Over the weekend work to coordinate MSD staff into isolated communities will begin.
- With the loss of the bridge over the Mangaone River isolating the community, a temporary solution using a pulley system is in place, however it presents health and safety issues. Alternative options and solutions are being considered locally and regionally. Surf Lifesaving NZ (SLNZ) are currently on-site providing support, albeit with restricted daylight hours.
- On Friday 10 March, a report was released to close off a welfare outreach programme which had the goal of reconnecting and establishing definitive communications with satellite communities and individual households. According to the report 138 properties were physically checked. The report outlines information on isolated communities and includes recommendations for new hub locations to be serviced by the distribution centre. The activity was well received by the communities and has allowed for the collation of accurate data giving assurances to leadership as well as the ability to inform future planning for recovery.
- In Wairoa, Operation Papakāinga has been initiated and led by Māori wardens with approval from Ngāti Pahauwera and supported by GECC, based on Wairoa EOC mandating mana whenua to lead a welfare-need-based response. Operation Papakāinga involves visiting Marae and hapori (community) in Putere, Kotemaori, and Mohaka to contact all properties within the identified areas. As of 10 March, five communities have been visited and their welfare needs have been noted. The operation resulted in several recommendations.
- As at 2:49PM Friday 10 March there are no CDC's open in Napier, Hastings and Central Hawke's Bay. In Wairoa two CDCs and one CLC remain open collectively accommodating 34 people overnight. One CLC in Napier continues to accommodate 19 people, but it is no longer taking new

people. Three CLCs in Hastings are open, with two accommodating people overnight (this number is unconfirmed).

- The Insurance Council New Zealand has delivered training to Navigators and MSD Community Connectors in Tairāwhiti and Hawke's Bay, to better enable them to support communities from an insurance perspective.
- As of 9:58AM Friday 10 March, 106 (up by two) buildings have been issued with red placards and 1,083 (up by 22) with yellow placards. Rapid building assessments are still occurring in some areas, such as Wairoa and remote areas of Hastings. Reassessments are also occurring in some areas because some buildings could not be adequately assessed due to flooding and hazards or because they required more detailed assessments by professionals. [In Central Hawke's Bay houses are being reassessed with a view to removing yellow stickers where possible.](#)
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials, sanitary items, generators and fuel. Work is underway to transition the Regional Distribution Hub to a more sustainable model. Iwi continues to lead the operation, in partnership with CDEM and NZDF, and provides a necessary insight into the surrounding area of operations and detailed knowledge of the local land. MPI are working on distributing supplies to rural areas including essential resources for fencing, fuel, and generators. They are working closely with the Regional Distribution Centre.
- There is continued concern among farming communities for the ability to move stock off farm by the end of April, along with receiving building materials such as fencing to repair properties. The Rural Advisory Group continue to engage with these communities and are holding horticulture meetings.

CRITICAL INFRASTRUCTURE

- A cordon remains in place around Awatoto Industrial Estate. Appropriate PPE must be worn to gain access to the site. Te Whatu Ora is providing health advice on health aspects relating to the affected zone. Residents of Awatoto area have requested bore testing for their properties as some have become unwell after drinking from their bore water.
- A shortage of 200L fuel containers is reducing capacity to deliver bulk fuel requirements.
- The supply and demand of accommodation, for families transitioning from emergency accommodation to temporary accommodation, and for surge staff assisting in response activities, is identified as a key risk.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Two major routes in the region remain closed: SH2 Napier to Raupunga and SH5 Napier to Taupo. [As of Thursday 8 March](#), the full re-opening of SH2 is likely to take two to three months. For SH5, the aim is to have the road reopened to the public in approximately two to three weeks. [The plan to provide access to freight convoys on SH5 is continuing, with some remaining details to be confirmed.](#) Convoys are planned to commence on Tuesday 14 March.
- Tutira community has become isolated again due to SH2 closure North from Tangoio to Tutira due to the requirement for sluicing of the slip and rockfall risks. This work is critical to ensure the road is made safe to reopen to local residents, emergency services and contractors repairing the roads. Collaboration and coordination are occurring to ensure the supply of critical resources and to provide support to communities while the road is closed. The community is concerned, and impacted residents have been informed. Waka Kotahi provides a regional State Highway Access map at [Cyclone Gabrielle regional map - Hawke's Bay \(nzta.govt.nz\)](https://www.nzta.govt.nz/cyclone-gabrielle-regional-map-hawkes-bay). As engineers and inspectors are reaching further into affected areas the inspections are exposing major access issues due to unstable terrain. Routes remain vulnerable to flooding and further slips with local road closures remaining significant.
- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi occurred to prioritise Bailey Bridges. Approval has been given for the deployment of Bailey Bridges at Rissington, Moeangiangi, Whanawhana, Ellis-Wallace, Opoiti (completed),

Mangatutu, Hikuwai #1 (SH35) and Waikare River Bridge. Some work is expected to be complete around the 12 April.

- As at 9:00AM Friday 10 March there were 998 customers without power in Hawke's Bay. The Region is at 98.48% restored.
- The Core Fibre issue on the shared (Vodafone/Chorus) SH5 route has not been repaired. All services are currently up, and no Chorus Core routes are impacted. Local fault issues continue with 18 cabinets impacted across Hawke's Bay, Wairoa areas. Planning is underway to address these issues.
- Rail lines in and out of Hawke's Bay are closed due to significant damage and slips. KiwiRail is aiming to open the line between Woodville and Hastings before the end of March. Repairs to approximately 50 weather damaged sites south of Hastings are making good progress, including on Bridge 176 at Waipawa. Work building a temporary container terminal in Hastings is also progressing well. This will allow freight to be railed to/from Hastings then road-bridged to/from Napier Port.
- The rail line between Hastings and Napier is expected to remain closed for up to six months. Napier to Wairoa is expected to remain closed for some time as the priority is to reopen the line to Napier from Hastings. Inspections on the Napier to Wairoa section of line are ongoing. KiwiRail will be working closely with Waka Kotahi where the road and rail line run close together in Eskdale.

TAIRĀWHITI

Activation Status

CDEM Group ECC activated.

AFFECTED COMMUNITIES

- MBIE TAS advised that 40 migrant workers are reported to be staying at a café in Mōrere and are being supported by the community. This is being addressed at the local and regional levels. TAS reports that there approximately 26 households being accommodated in TAS housing and there are currently 8 rooms available in Tairāwhiti.
- MPI Animal Welfare Emergency Management (AWEM) have drafted the Tairāwhiti Operation Reach process and created a handover of the key objectives and actions for the project to provide critical supplies to isolated farms. This is to be handed over for local coordination between local MPI staff and the Tairāwhiti Rural Coordination Group (RCG).
- MPI is working on getting grass seeds which can be grown on silt. The Rural Community group supports this initiative, as it will create the feed in three months. There have been 30 tons of seed allocated to the region.
- The Trust Tairāwhiti business support grant is extremely oversubscribed. They've received \$12 million worth of applications within 24 hours (for a \$4.5 million fund). This highlights the need for business support and there are concerns that rural Māori businesses were unable to access the fund.
- As of 9:58AM Friday 10 March, 11 buildings have been issued with red placards and 170 with yellow placards (no change from 8 March).
- CDEM note an increased number of animal welfare issues arising from the rapid needs assessments. These are mainly livestock issues include issues retaining stock on properties due to lost fencing, water issues due to broken water systems and access to animal welfare supplies (mainly due to isolation).

- Food provision is still necessary for isolated communities. CDEM is confident that supermarkets (4-Square primarily) across the east coast have adequate supplies.
- Silt and waste management planning is underway to support clean-up, prioritising identifying dumping sites and safety messaging. There are concerns with the handling of potentially flood-damaged asbestos-contaminated materials for both public and clearance personnel.

CRITICAL INFRASTRUCTURE

- As of 9:00AM Friday 10 March there are three consumers without access to power.
- Excess silt in the river at Waingake eliminates the option of emergency extraction from the river, as the water treatment plant cannot cope with that silt. Alternative options are being explored. Ongoing water restrictions will be reviewed before the end of March when treated water is available from Waingake to supplement the Waipaoa supply. Some water restrictions will still be needed into April/May until more water can be treated and supplied from the Waingake plant. An impact of this is likely increased strain on existing water supplies for primary industries. Industries may need to source water from other suppliers.
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. The installation of a Bailey Bridge at Hikuwai will commence on Monday 13 March, following strong support and work from mana whenua and the local community. Waka Kotahi joined mana whenua and the local community on site today (10 March) for a blessing of the site. It is expected the construction will take approximately eight weeks. Recovery work continues, including the creation of a local bypass road around the Mangahauini debris dam, which is anticipated to be ready by the end of March.
- SH2 (Ōpōtiki to Gisborne) was closed on 9 March for tree and vegetation removal. As result the road is now open under temporary speed limits. The highway is now expected to remain open, however planned closures may be required for continued site recovery.

KEY REGIONAL UPDATES – Areas under National Transition Period



NORTHLAND

- Northland have established a recovery structure and have Local Recovery Managers in place at each the three District Councils. The structure includes Māori advice, representation, and accountability at all levels.
- The following four key Recovery priorities have been identified:
 - Community wellbeing (outstanding welfare needs, broader psychosocial support, community work approaches to help build a sense of 'getting through')
 - Critical infrastructure (sorting immediate issues with roads and electricity; doing some longer-term work with the broader Lifelines / critical infrastructure providers on resiliency for future events)

- Rural Support (with MPI as lead agency: financial support, community dinners, on-farm advice, Enhanced Task Force Green, advocacy, business continuity planning support)
- Marae Preparedness (enhancing marae's ability to provide water, power, and community manaakitanga during future events).
- Northland CDEM have begun a 'rapid community consultation' project combined with a piece of psychosocial/community practice mahi. This will inform the final Regional Recovery Plan, as well as produce a stand-alone document of stories of community resilience.

AUCKLAND

- As of 9:58AM Friday 10 March, 666 (up by one) buildings have been issued with red placards, 2,297 (up by four) with yellow placards and 4,206 (up by two) with white placards (for both January and February weather events).
- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service agencies. The Welfare Team are proactively reaching out to communities based on regional damage, impact assessments a community reports to assess the need for further support.
- MBIE Temporary Accommodation Services (TAS) supply housing remains an issue. The two main emerging issues are that many Auckland households still need to access the temporary accommodation service and that additional accommodation needs will likely emerge in Muriwai, Piha and Karekare, as well as areas impacted by the Auckland Anniversary Floods such as Mt Roskill, Mangere, Milford, Epsom, Hillsborough and others.
- Cordons continue in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. Community meetings are planned for Karekare and Piha later this week. Muriwai and Karekare are a priority for Auckland Emergency Management. Questions around red zoning the area are being raised and there is some anxiety in severely impacted communities with potential changes to cordons in their areas.
- Auckland Emergency Management is issuing Recovery Status Reports weekly on Fridays only, or by exception.

WAIKATO

- Waikato's recovery focus will be on continued welfare and operational support to affected communities, and repairs to infrastructure.
- As of 9:58AM Friday 10 March, 20 buildings have been issued with red placards, 40 with yellow placards, and 49 with white placards (no change since 8 March). Waikato District Council are looking to expand their existing designated area due to damage to buildings being discovered further afield. MBIE are assisting the Council.
- Roading remains fragile in parts of the region, in particular the Coromandel Peninsula and Raglan. SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times.
- SH25 Waihi to Whangamatā remains open but reduced to light vehicles only due to a drop out. MPI are managing expectations of transit of primary industry products. SH25 from Hikuai to

Oputere continues to have issues with an underslip, and benching works continue to cut into the bank to maintain access. Stop/go control and temporary closures continue. If further significant cracking or slippage occurs, a full closure may need to be implemented without warning.

TARARUA

- Tararua still has multiple local road closures and the Tararua District Council and Tararua Alliance are focusing on repairs. As of 2:00PM Wednesday 8 March, 13 local roads continue to be closed across the district affecting about 200 households, although resident access is being allowed on these roads.
- The region remains prone to further impacts should severe weather hit in the coming weeks, and already critical infrastructure could be compromised further.
- As of 9:58AM Friday 10 March, 6 buildings have been issued with red placards, 13 with yellow placards, and 9 with white placards (no change from 8 March).



PUBLIC INFORMATION

Public information is being led by local Civil Defence Emergency Management groups.

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- Northland, Auckland, and Waikato regions and the Tararua District moved on 3 March to a national transition period. Masterton, Carterton and Wairarapa Districts are also under a national transition period after consultation with local councils. These regions are no longer under a state of national emergency, but as Tairāwhiti and Hawke's Bay are still in an active response phase, they remain under a state of national emergency.
- Cyclone Gabrielle caused widespread damage and impacts across many regions and districts in Aotearoa New Zealand. Each region and district affected by Cyclone Gabrielle is working with NEMA to determine when they are ready to move into a recovery phase. This decision must be based on the needs of their communities and the ongoing impacts they are managing.
- The national transition period means there is coordination of all-of-government support for local authorities and CDEM Groups leading the local and regional recovery efforts.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. It was first declared on 14 February and extended on 21 February, 28 February and 7 March.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible. Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.

- Floodwater can carry bacteria that can contaminate food. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities. Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high. When cleaning up silt, use normal low-pressure hoses and brooms to push wet material without making it airborne.
- Do not attempt to burn fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- Conserve water where you are advised to.
- Check the location of pipes and cables before you dig; see Before you dig website and [beforeudig.co.nz](https://www.beforeyoudig.co.nz) for all utilities.
- Have grab bags ready for everyone in your household in case you have to evacuate. These should include short term essential supplies such as medications, snacks, water, torches, pet food, and baby formula (if needed). Plan where you will go if you have to evacuate. This could be a relative or friend's home in a safe area or a civil defence centre.
- As of Wednesday 1 March Version 6 of the all of government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages. <https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	National Controller
Next situation report due at:	1700 hours on 11 March 2023

Please send Agency updates and products to **9(2)(a)** and **9(2)(a)** for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 044

ISSUED AT 17:00 HOURS ON 11 MARCH 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	<p>State of National Emergency covering Tairāwhiti Hawke's Bay</p> <p>National Transition Period covering Northland Auckland Waikato Taranua District</p>														
Activation status:	Time declared:														
Mode 4 Lead/Direct	<p>State of National Emergency Tairāwhiti and Hawke's Bay: 8:43AM 14 February 2023 – 8:43AM 14 March 2023</p> <p>National Transition Period Northland, Auckland, Waikato, and Taranua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023 Masterton, Carterton and Wairarapa Districts: 8:43AM 7 March 2023 – 8:43AM 5 June 2023</p>														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 4	S														
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N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua.
- A State of National Emergency was declared on 14 February 2023, and then extended on Tuesday 21 February, Tuesday 28 February and Tuesday 7 March, each time for a further seven days. From 28 February, the State of National Emergency ceased to apply to the Bay of Plenty.
- On Friday 3 March Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District moved into a national transition period. As of 7 March Masterton, Carterton and Wairarapa Districts are now part of the national transition period.
- The national transition period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The National Transition Period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As at 9:43AM 10 March approximately \$61.912 million (up \$0.518 million) of Ministry of Social Development Civil Defence Grants have been paid to 108,528 people (up 1,032). As of 9:00AM 10 March MSD have committed just over \$4.05 million from the \$11.5 million Community Support Package.

Weather

- The forecast for Saturday is for settled weather, though showers may linger in the west around Wairoa.
- From Sunday afternoon there is heavy rain forecast for the south and central areas of the South Island with heavy rain warning and watches and a strong wind watch in place.

Key Risks and Issues

- In Tairāwhiti and Hawke's Bay, Māori communities have been disproportionately impacted and isolated. Restoring access via the roading network is critical for Māori communities to allow the assessment of the extent of the impact and provide necessary welfare support.
- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular. MBIE TAS reports that as of Friday 10 March the number of households outside the two-day timeframe for their initial needs assessment remains 209, but the number of those outside the five-day assessment has decreased from 115 to 105. It is worth noting these numbers do include households who TAS have not been able to contact due to no answer or incorrect contact details.
- Silt and waste removal and clean-up continues to be a significant issue. This has put significant strain on waste removal contractors and waste storage facilities. The NCC and relevant ECCs continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated properties. The Ministry for the Environment is supporting this work. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in solid waste management.

- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is multi-agency analysis occurring which will determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation.
- Waka Kotahi continues to send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. Community sentiment remains a concern given the extensive nature of disruptions (this is not limited to land transport infrastructure disruptions) and the ongoing fatigue.
- Psychosocial welfare is likely to have a significant impact on long-term response and recovery plans, with complex welfare cases already emerging in Auckland. This will likely impact vulnerable communities such as Māori and Pacific, RSE workers and the disabled the hardest, especially those who have lost homes or been isolated. Continued support and engagement with these groups through the recovery phase is important to reduce illness and psychosocial trauma.
- In Hawke's Bay soil measurements across the region still show above field capacity (saturated). Rivers will rise quickly in the event of heavy or prolonged rain, and slips and wood debris may still disrupt waterways at no notice without rainfall.
- At 9:00AM Saturday 11 March there were 903 customers without power in the two remaining impacted regions of Hawke's Bay and Tairāwhiti, down by 98 customers with 900 in Hawke's Bay.



NCC ACTIONS

Actions carried out

- National Action Plan 4.0 covering the operational period 5:00PM 7 March – 5:00PM 14 March 2023 was issued at 5:00PM Tuesday 7 March 2023.
- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM Friday 10 March, there are 64 surge staff currently deployed to CDEM Groups, of which 59 are in Hawke's Bay, two in Auckland, and three in Tairāwhiti.
- The NCC PIM team has been sharing messages about what support is available, how to stay safe while cleaning up, and have been sharing relevant messages from other agencies.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, have developed an approach to Bailey Bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, and are addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the National Welfare Coordination Meeting (NWCG) and provide support and specialist advice to CDEM Group Welfare Managers where required. As of Monday 13 March, the NWCG meetings will occur on a Tuesday and a Thursday. NCC Welfare have also undertaken the following actions:
 - Providing input to the National Transition the Recovery Report.
 - Supporting NCC Policy with financial assurance and funding queries.
 - Continuing to monitor, and provide guidance as required to impacted CDEM Groups.
 - Participating in the AoG accommodation and shelter hui, which aims to integrate delivery solutions across the agencies.

- Ensuring situational awareness is maintained for isolated/satellite communities of any ongoing needs and plans for the transition to recovery.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori to help support impacted communities. Iwi and marae are playing a significant role in welfare support. Key outputs for NCC Kaitohutohu include but are not limited to:
 - Providing strategic support and advice with colleagues in Wairoa and Hawke's Bay.
 - Seeking resource and expertise to provide Te Tiriti elements to the Risk Management Plan.
 - Assisting in mapping the entire Māori risk landscape using GIS system and creating a Common Operating Picture across all AoG systems that contributes to the geospatial work underway.
- NCC Safety continues to monitor and provide any additional advice/guidance on request for information that come through. NCC Safety continues to support NCC functions, CDEM Groups and agency partners through:
 - Maintaining support to Hawke's Bay and Tairāwhiti on solid waste issues and giving periphery support to Auckland on silt related risks. This is achieved through attending and supporting MfE on Tairāwhiti/Hawke's Bay daily meetings and supporting the regional and local issues.
 - Monitoring the issues around Awatoto and the use of the 'right' legislative powers to cordon off and restrict access to those surrounding commercial sites. This is achieved through analysing the current decline of Work Permits of Persons Conducting Business or Undertaking's (PCBU) trying to get into the Awatoto area to start clean up and operational duties and through maintaining the roles and responsibilities of all those involved in Awatoto, in particular that WorkSafe NZ is not a lead or co-lead agency for the Awatoto situation.
- NCC Planning have three current priorities:
 - Response to Recovery Transition Report – NCC Planning continue to develop the draft transition report on behalf of the National Controller, which includes forecasting into what response activities are likely to occur through transition to recovery.
 - Bridge prioritisation – The NCC supported by Waka Kotahi and impacted local roading authorities, have compiled a list of bridges that have been prioritised as high (urgent), medium, and low priority based on the following criteria: connecting isolated communities; current supply chain; and length of bridge vs benefit. Additional bridges which require prioritisation are currently under discussion awaiting further information from the relevant local authorities.
 - Solid Waste – NCC Planning has been supporting NCC Policy in the development of possible funding mechanisms for the silt management and collaborating with NCC Safety, STAC and NCC Intelligence to enable the regional clean up through provision of advice, mapping and planning material.



MULTI-AGENCY ACTIONS AND RESOURCES

- As of Wednesday 8 March, 30 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 17 Countries/Economies
 - 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)

- A 14-person team from the US Agency for International Development has deployed to the Hawke's Bay and the National Coordination Centre. They join 33 staff from Fiji, and additional staff from the Royal Australian Air Force and other Australian specialists, in working with NZDF, FENZ and the NCC.
- NZ Response Teams (NZRT) continue to support CDEM Groups with response activities. [The final rotation of NZRT support departed for Hawke's Bay today \(11 March\). Since 27 January a total of 193 NZRT volunteers were deployed in support of the response.](#)
- 220 NZDF personnel are currently deployed which includes NZDF liaison elements embedded in the NCC and in Hastings supporting the Incident Management Team. Two aircraft, two helicopters and more than 65 trucks are deployed. The aircraft are not located in the regions, however, are on priority call to Hawke's Bay and Tairāwhiti as required.
- Waka Kotahi has reported 24 locations have been identified where a Bailey Bridge could be an option. Of these, nine sites have been given the green light, the remaining sites are being assessed for approval. Advice has been received that some bridges have been reassessed and no longer require a Bailey Bridge.
- The National Health Coordination Centre (NHCC) is reviewing the required response team size as they transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; several initiatives are in place and underway. Planning is underway regarding options for the mental wellbeing recovery phase in the coming weeks.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments are activated. The Flood Line will be operational on Saturday 11 March between 8:00AM and 1:00PM. It will be closed on Sunday 12 March. All service centres are open on the East coast including Wairoa and MSD services and support are also being offered in the form of outreach in community hubs and marae. MSD Funded Community Connectors continue to support the provision of integrated and quality social services.
- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) has been activated for Northland, Auckland, Bay of Plenty, Tairāwhiti, Hawke's Bay, Gisborne and Waikato. As of 3:00PM Friday 10 March, 1,714 households had registered with TAS across all affected regions. There are 567 properties in supply as of 10 March. [TAS Procurement are working to secure additional supply options. Contracts are being confirmed and explored in Auckland and Hawke's Bay.](#) TAS has significantly upscaled resources to meet the demands for this response.
- MPI is working with farm supply companies, such as Farmlands and PGG Wrightson, and vets to ensure critical supplies get to cut-off communities with no road access. Helicopters and Unimog's are being used for the deliveries. As of Thursday 9 March approximately \$24.093 million has been paid out to approximately 2,079 people. Collaboration between MPI and Te Puni Kōkiri is taking place on the second phase of support to Māori landowners and farmers/ growers in Tairāwhiti, which will include practical 'on farm' support.
- The Rapid Relief Team has reported that between 11 and 18 February they served 17,477 meals and provided 3,466 RRT Food Boxes and 1,630 RRT Care Kits across all the impacted regions.

RECOVERY

- Significant progress on the Response to Recovery Transition Report as a joint effort between NCC functions
- Continuing to scope availability of recovery practitioners to assist with staffing across the CDEM system
- Continuing work on products to assist in the establishment of central government National Recovery arrangements
- Assisting development of recovery structures, recovery action plans, and transition reports from the CDEM Groups
- On 9 March the Hawke's Bay Joint Committee appointed an interim Group Recovery Manager and agreed on their recovery strategy and structure.
- Monitoring progress by attending Regional Waste Response meetings to assess medium- and long-term impacts on recovery efforts and to inform transition planning
- A member of NCC Recovery has been attending National Welfare Coordination Group (NWCG) meetings to gain an understanding of the priorities for social recovery. Clarity on these priorities will be provided as the regions continue their needs assessments. Anxiety is being reported among isolated communities around the government's pending decisions for recovery.
- NEMA Recovery has been holding twice weekly National Recovery Coordination Group (NRCG) meetings with central agencies and NGO partners to assess ongoing needs and priorities and held a meeting on Tuesday 7 March.

KEY REGIONAL UPDATES – Areas under State of National Emergency



HAWKE'S BAY

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- Action Plan 19 for the operational period from 5:00PM Friday 10 March through until 8:45AM Tuesday 14 March is now in effect. As of Friday 10 March Situation Reports from Hawke's Bay Group will move to one report daily.
- The rāhui on fishing and gathering kaimoana between Te Awanga and Mohaka has been extended until Monday 13 March.
- Isolated, remote communities continue to be a top priority. There is a helicopter in support of bulk resupply to isolated communities including Upper and Lower Dartmoor, Waihau, Puketitiri and Patoka. Health providers and NZ Police are also onboard while visiting these communities. Over the weekend work to coordinate MSD staff into isolated communities will begin.

- On Friday 10 March, a report was released to close off a welfare outreach programme which had the goal of reconnecting and establishing definitive communications with satellite communities and individual households. According to the report 138 properties were physically checked. [These properties have been grouped by location into 24 named areas of interest.](#) The report outlines information on isolated communities and includes recommendations for new hub locations to be serviced by the distribution centre. [The focus has now turned to the best way of delivering the ongoing supply and holistic support for people living within the areas of interest, with a deliberate re-supply programme for isolated communities.](#)
- In Wairoa, Operation Papakāinga has been initiated and led by Māori wardens with approval from Ngāti Pahauwera and supported by GECC, based on Wairoa EOC mandating mana whenua to lead a welfare-need-based response. Operation Papakāinga involves visiting Marae and hapori (community) in Putere, Kotemaori, and Mohaka to contact all properties within the identified areas. [Following the visits, areas of response and support were identified. Needs assessments and recommendations from this operation are being utilised to coordinate multi-agency welfare support for the five isolated communities that were identified.](#)
- As at 12:53PM Saturday 11 March there are no CDC's open in Napier, Hastings and Central Hawke's Bay. In Wairoa two CDCs and one CLC remain open collectively [accommodating 34 people overnight.](#) One CLC in Napier continues to accommodate [nine people overnight,](#) but it is no longer taking new people. Three CLCs in Hastings are open, with two [accumulatively accommodating 80 people overnight.](#)
- As of 5:30PM Friday 10 March, 106 (up by two) buildings have been issued with red placards and 1,087 (up by four) with yellow placards. Rapid building assessments are still occurring in some areas, such as Wairoa and remote areas of Hastings. Reassessments are also occurring in some areas because some buildings could not be adequately assessed due to flooding and hazards or because they required more detailed assessments by professionals. In Central Hawke's Bay houses are being reassessed with a view to removing yellow stickers where possible.
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials, sanitary items, generators and fuel. Work is underway to transition the Regional Distribution Hub to a more sustainable model
- There is continued concern among farming communities for the ability to move stock off farm by the end of April, along with receiving building materials such as fencing to repair properties. The Rural Advisory Group continue to engage with these communities and are holding horticulture meetings.

CRITICAL INFRASTRUCTURE

- A cordon remains in place around Awatoto Industrial Estate. Appropriate PPE must be worn to gain access to the site. Te Whatu Ora is providing health advice on health aspects relating to the affected zone. [A sampling regime was completed on 9 March. Around 200 samples were taken from residential properties, industrial sites and the public roadway. Results are expected back in the week commencing 13 March.](#)
- The supply and demand of accommodation, for families transitioning from emergency accommodation to temporary accommodation, and for surge staff assisting in response activities, is identified as a key risk.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Two major routes in the region remain closed: SH2 Napier to Raupunga and SH5 Napier to Taupo. As of Thursday 8 March, the full re-opening of SH2 is likely to take two to three months. For SH5, the aim is to have the road reopened to the public in approximately two to three weeks. The plan to provide access to freight convoys on SH5 is continuing, with some remaining details to be confirmed. Convoys are planned to commence on Tuesday 14 March. Waka Kotahi provides a regional State Highway Access map at [Cyclone Gabrielle regional map - Hawke's Bay \(nzta.govt.nz\)](#)

- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi occurred to prioritise Bailey Bridges. Approval has been given for the deployment of Bailey Bridges at Rissington, Moeangiangi, Whanawhana, Ellis-Wallace, Opoiti (completed), Mangatutu, Hikuwai #1 (SH35) and Waikare River Bridge. Some work is expected to be complete around the 12 April.
- As at 9:00AM **Saturday 11 March** there were **900** customers without power in Hawke's Bay. The Region is at **98.63%** restored.
- The Core Fibre issue on the shared (Vodafone/Chorus) SH5 route has not been repaired. All services are currently up, and no Chorus Core routes are impacted. Local fault issues continue with 18 cabinets impacted across Hawke's Bay, Wairoa areas. Planning is underway to address these issues.
- The rail line between Hastings and Napier is expected to remain closed for up to six months. Napier to Wairoa is expected to remain closed for some time as the priority is to reopen the line to Napier from Hastings. Inspections on the Napier to Wairoa section of line are ongoing.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- MBIE TAS advised that 40 migrant workers are reported to be staying at a café in Mōrere and are being supported by the community. This is being addressed at the local and regional levels. **As of 10 March**, TAS reports that there approximately 26 households being accommodated in TAS housing and there are currently eight rooms available in Tairāwhiti.
- MPI Animal Welfare Emergency Management (AWEM) have drafted the Tairāwhiti Operation Reach process and created a handover of the key objectives and actions for the project to provide critical supplies to isolated farms. This is to be handed over for local coordination between local MPI staff and the Tairāwhiti Rural Coordination Group (RCG).
- The Trust Tairāwhiti business support grant is extremely oversubscribed. They've received \$12 million worth of applications within 24 hours (for a \$4.5 million fund). This highlights the need for business support and there are concerns that rural Māori businesses were unable to access the fund.
- As of **5:30PM Friday 10 March**, 11 buildings have been issued with red placards and 170 with yellow placards (no change from 8 March).
- CDEM note an increased number of animal welfare issues arising from the rapid needs assessments. These are mainly livestock issues include issues retaining stock on properties due to lost fencing, water issues due to broken water systems and access to animal welfare supplies (mainly due to isolation).
- Food provision is still necessary for isolated communities. **A resupply Action Plan has been developed and was activated on 9 March. The purpose of the plan is to provide and operational plan for the resupply to meet basic needs of the isolated whānau, farms and stations, and communities. It is focused on a coordinated approach for the supply of resources by air, sea and road.**

- Silt and waste management planning is underway to support clean-up, prioritising identifying dumping sites and safety messaging. There are concerns with the handling of potentially flood-damaged asbestos-contaminated materials for both public and clearance personnel.

CRITICAL INFRASTRUCTURE

- As of 9:00AM **Saturday 11 March** there **remains** three consumers without access to power.
- Excess silt in the river at Waingake eliminates the option of emergency extraction from the river, as the water treatment plant cannot cope with that silt. Alternative options are being explored. Ongoing water restrictions will be reviewed before the end of March when treated water is available from Waingake to supplement the Waipaoa supply.
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. The installation of a Bailey Bridge at Hikuwai **will commence** on Monday 13 March, following strong support and work from mana whenua and the **local** community. Waka Kotahi joined mana whenua and the local community on site **on Friday 10 March** for a blessing of the site. It is expected the construction will take approximately eight weeks. Recovery work continues, including the creation of a local bypass road around the Mangahauini debris dam, which is anticipated to be ready by the end of March.
- SH2 (Ōpōtiki to Gisborne) was closed on 9 March for tree and vegetation removal. As result the road is now open under temporary speed limits. The highway is now expected to remain open, however planned closures may be required for continued site recovery.

KEY REGIONAL UPDATES – Areas under National Transition Period



NORTHLAND

- Northland have established a recovery structure and have Local Recovery Managers in place at each the three District Councils. The structure includes Māori advice, representation, and accountability at all levels.
- The following four key Recovery priorities have been identified:
 - Community wellbeing (outstanding welfare needs, broader psychosocial support, community work approaches to help build a sense of 'getting through')
 - Critical infrastructure (sorting immediate issues with roads and electricity; doing some longer-term work with the broader Lifelines / critical infrastructure providers on resiliency for future events)
 - Rural Support (with MPI as lead agency: financial support, community dinners, on-farm advice, Enhanced Task Force Green, advocacy, business continuity planning support)
 - Marae Preparedness (enhancing marae's ability to provide water, power, and community manaakitanga during future events).

- Northland CDEM have begun a 'rapid community consultation' project combined with a piece of psychosocial/community practice mahi. This will inform the final Regional Recovery Plan, as well as produce a stand-alone document of stories of community resilience.

AUCKLAND

- As of 5:30PM Friday 10 March, 666 (up by one) buildings have been issued with red placards, 2,300 (up by three) with yellow placards and 4,211 (up by five) with white placards (for both January and February weather events).
- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service agencies. The Welfare Team are proactively reaching out to communities based on regional damage, impact assessments a community reports to assess the need for further support.
- MBIE Temporary Accommodation Services (TAS) supply housing remains an issue. The two main emerging issues are that many Auckland households still need to access the temporary accommodation service and that additional accommodation needs will likely emerge in Muriwai, Piha and Karekare, as well as areas impacted by the Auckland Anniversary Floods such as Mt Roskill, Mangere, Milford, Epsom, Hillsborough and others.
- Cordons continue in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. Muriwai and Karekare are a priority for Auckland Emergency Management. After taking note of community concern a decision was made for the cordon at the Muriwai/ Motutara and Oaia/Waitea intersections to remain until further notice.

WAIKATO

- Waikato's recovery focus will be on continued welfare and operational support to affected communities, and repairs to infrastructure.
- As of 5:30PM Friday 10 March, 20 buildings have been issued with red placards, 40 with yellow placards, and 49 with white placards (no change since 8 March). Waikato District Council are looking to expand their existing designated area due to damage to buildings being discovered further afield. MBIE are assisting the Council.
- Roading remains fragile in parts of the region, in particular the Coromandel Peninsula and Raglan. SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times.
- SH25 Waihi to Whangamatā remains open but reduced to light vehicles only due to a drop out. MPI are managing expectations of transit of primary industry products. SH25 from Hikuai to Opoutere continues to have issues with an underslip, and benching works continue to cut into the bank to maintain access. Stop/go control and temporary closures continue. If further significant cracking or slippage occurs, a full closure may need to be implemented without warning.

TARARUA

- Tararua still has multiple local road closures and the Tararua District Council and Tararua Alliance are focusing on repairs. As of 2:00PM Wednesday 8 March, 13 local roads continue to be closed across the district affecting about 200 households, although resident access is being allowed on these roads.
- The region remains prone to further impacts should severe weather hit in the coming weeks, and already critical infrastructure could be compromised further.
- As of 5:30PM Friday 10 March, 6 buildings have been issued with red placards, 9 with yellow placards, and 9 with white placards (no change from 8 March).



PUBLIC INFORMATION

Public information is being led by local Civil Defence Emergency Management groups.

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- Northland, Auckland, Waikato regions and the Tararua, Masterton, Carterton and Wairarapa Districts are under a national transition period. Tairāwhiti and Hawke's Bay are still in an active response phase and remain under a state of national emergency.
- Each region and district affected by Cyclone Gabrielle is working with NEMA to determine when they are ready to move into a recovery phase. The national transition period means there is coordination of all-of-government support for local authorities and CDEM Groups leading the local and regional recovery efforts.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. It was first declared on 14 February and extended on 21 February, 28 February and 7 March.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible. Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities. Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels

are high. When cleaning up silt, use normal low-pressure hoses and brooms to push wet material without making it airborne.

- Do not attempt to burn fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- Conserve water where you are advised to.
- An all-of-government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.
<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

? ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	NCC Intelligence Manager
Report release approved by:	National Controller
Next situation report due at:	1700 hours on 12 March 2023

Please send Agency updates and products to 9(2)(a) and 9(2)(a) for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 045

ISSUED AT 16:30 HOURS ON 12 MARCH 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	<p>State of National Emergency covering Tairāwhiti Hawke's Bay</p> <p>National Transition Period covering Northland Auckland Waikato Taranua District</p>														
Activation status:	Time declared:														
Mode 4 Lead/Direct	<p>State of National Emergency Tairāwhiti and Hawke's Bay: 8:43AM 14 February 2023 – 8:43AM 14 March 2023</p> <p>National Transition Period Northland, Auckland, Waikato, and Taranua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023 Masterton, Carterton and Wairarapa Districts: 8:43AM 7 March 2023 – 8:43AM 5 June 2023</p>														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 4	S														
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N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).

SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua.
- A State of National Emergency was declared on 14 February 2023, and then extended on Tuesday 21 February, Tuesday 28 February and Tuesday 7 March, each time for a further seven days. From 28 February, the State of National Emergency ceased to apply to the Bay of Plenty.
- On Friday 3 March Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District moved into a national transition period. As of 7 March Masterton, Carterton and Wairarapa Districts are now part of the national transition period.
- The national transition period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The National Transition Period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As of 10 March approximately \$61.912 million (up \$0.518 million) of Ministry of Social Development Civil Defence Grants have been paid to 108,528 people (up 1,032). As of 10 March MSD have committed just over \$4.05 million from the \$11.5 million Community Support Package.

Weather

- From Sunday afternoon there is heavy rain forecast for the south and central areas of the South Island with orange heavy rain warnings in place for Westland and Fiordland and heavy rain watches in place for Buller, Southland, Clutha, the headwaters of the Otago and Canterbury lakes, and the Tararua Ranges. A strong wind watch is in place for Wellington, Wairarapa, Marlborough and the Canterbury High Country for Sunday and Monday.
- A ridge of high pressure should bring a minimal risk of severe weather to New Zealand during Tuesday and Wednesday.

Key Risks and Issues

- In Tairāwhiti and Hawke's Bay, Māori communities have been disproportionately impacted and isolated. Restoring access via the roading network is critical for Māori communities to allow the assessment of the extent of the impact and provide necessary welfare support.
- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular. MBIE TAS reports that as of Friday 10 March the number of households outside the two-day timeframe for their initial needs assessment remains 209, but the number of those outside the five-day assessment has decreased from 115 to 105. It is worth noting these numbers do include households who TAS have not been able to contact due to no answer or incorrect contact details.
- Silt and waste removal and clean-up continues to be a significant issue. This has put significant strain on waste removal contractors and waste storage facilities. The NCC and relevant ECCs continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated

properties. The Ministry for the Environment is supporting this work. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in solid waste management.

- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is multi-agency analysis occurring which will determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation.
- Waka Kotahi continues to send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. Community sentiment remains a concern given the extensive nature of disruptions (this is not limited to land transport infrastructure disruptions) and the ongoing fatigue.
- Psychosocial welfare is likely to have a significant impact on long-term response and recovery plans, with complex welfare cases already emerging in Auckland. This will likely impact vulnerable communities such as Māori and Pacific, RSE workers and the disabled the hardest, especially those who have lost homes or been isolated. Continued support and engagement with these groups through the recovery phase is important to reduce illness and psychosocial trauma.
- In Hawke's Bay soil measurements across the region still show above field capacity (saturated). Rivers will rise quickly in the event of heavy or prolonged rain, and slips and wood debris may still disrupt waterways at no notice without rainfall.
- At 9:00AM Sunday 12 March there were 836 customers without power in the two remaining impacted regions of Hawke's Bay and Tairāwhiti, down by 67 customers with 833 in Hawke's Bay.



NCC ACTIONS

Actions carried out

- National Action Plan 4.0 covering the operational period 5:00PM 7 March – 5:00PM 14 March 2023 was issued at 5:00PM Tuesday 7 March 2023.
- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM Sunday 12 March, there are 44 surge staff currently deployed to CDEM Groups, of which 43 are in Hawke's Bay and one in Tairāwhiti. An additional 14 staff are travelling today (Sunday 12 March) to start their deployments in Hawke's Bay ECC, Central Hawke's Bay EOC, Wairoa EOC and Auckland ECC) Monday or Tuesday.
- The NCC PIM team has been sharing messages about what support is available, how to stay safe while cleaning up, and have been sharing relevant messages from other agencies.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, have developed an approach to Bailey Bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, and are addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the National Welfare Coordination Meeting (NWCG) and provide support and specialist advice to CDEM Group Welfare Managers where required. As of Monday 13 March, the NWCG meetings will occur on a Tuesday and a Thursday. NCC Welfare have also undertaken the following actions:
 - Providing input to the National Transition the Recovery Report.

- Supporting NCC Policy with financial assurance and funding queries.
- Continuing to monitor, and provide guidance as required to impacted CDEM Groups.
- Participating in the AoG accommodation and shelter hui, which aims to integrate delivery solutions across the agencies.
- Ensuring situational awareness is maintained for isolated/satellite communities of any ongoing needs and plans for the transition to recovery.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori to help support impacted communities. Iwi and marae are playing a significant role in welfare support. Key outputs for NCC Kaitohutohu include but are not limited to:
 - Providing strategic support and advice with colleagues in Wairoa and Hawke's Bay.
 - Seeking resource and expertise to provide Te Tiriti elements to the Risk Management Plan.
 - Assisting in mapping the entire Māori risk landscape using GIS system and creating a Common Operating Picture across all AoG systems that contributes to the geospatial work underway.
- NCC Safety continues to monitor and provide any additional advice/guidance on request for information that come through. NCC Safety continues to support NCC functions, CDEM Groups and agency partners through:
 - Maintaining support to Hawke's Bay and Tairāwhiti on solid waste issues and giving periphery support to Auckland on silt related risks. This is achieved through attending and supporting MfE on Tairāwhiti/Hawke's Bay daily meetings and supporting the regional and local issues.
 - Monitoring the issues around Awatoto and the use of the 'right' legislative powers to cordon off and restrict access to those surrounding commercial sites. This is achieved through analysing the current decline of Work Permits of Persons Conducting Business or Undertaking's (PCBU) trying to get into the Awatoto area to start clean up and operational duties and through maintaining the roles and responsibilities of all those involved in Awatoto, in particular that WorkSafe NZ is not a lead or co-lead agency for the Awatoto situation.
- NCC Planning have three current priorities:
 - Response to Recovery Transition Report – NCC Planning continue to develop the draft transition report on behalf of the National Controller, which includes forecasting into what response activities are likely to occur through transition to recovery.
 - Bridge prioritisation – The NCC supported by Waka Kotahi and impacted local roading authorities, have compiled a list of bridges that have been prioritised as high (urgent), medium, and low priority based on the following criteria: connecting isolated communities; current supply chain; and length of bridge vs benefit. Additional bridges which require prioritisation are currently under discussion awaiting further information from the relevant local authorities.
 - Solid Waste – NCC Planning has been supporting NCC Policy in the development of possible funding mechanisms for the silt management and collaborating with NCC Safety, STAC and NCC Intelligence to enable the regional clean up through provision of advice, mapping and planning material.



MULTI-AGENCY ACTIONS AND RESOURCES

- As of 8 March, 30 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 17 Countries/Economies
 - 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- A 14-person team from the US Agency for International Development has deployed to the Hawke's Bay and the National Coordination Centre. They join 33 staff from Fiji, and additional staff from the Royal Australian Air Force and other Australian specialists, in working with NZDF, FENZ and the NCC.
- NZ Response Teams (NZRT) continue to support CDEM Groups with response activities. The final rotation of NZRT support departed for Hawke's Bay today (11 March). Since 27 January a total of 193 NZRT volunteers were deployed in support of the response.
- 220 NZDF personnel are currently deployed which includes NZDF liaison elements embedded in the NCC and in Hastings supporting the Incident Management Team. Two aircraft, two helicopters and more than 65 trucks are deployed. The aircraft are not located in the regions, however, are on priority call to Hawke's Bay and Tairāwhiti as required.
- Waka Kotahi has reported 24 locations have been identified where a Bailey Bridge could be an option. Of these, nine sites have been given the green light, the remaining sites are being assessed for approval. Advice has been received that some bridges have been reassessed and no longer require a Bailey Bridge.
- The National Health Coordination Centre (NHCC) is reviewing the required response team size as they transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; several initiatives are in place and underway. Planning is underway regarding options for the mental wellbeing recovery phase in the coming weeks.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments are activated. The Flood Line will be operational on Saturday 11 March between 8:00AM and 1:00PM. It will be closed on Sunday 12 March. All service centres are open on the East coast including Wairoa and MSD services and support are also being offered in the form of outreach in community hubs and marae. MSD Funded Community Connectors continue to support the provision of integrated and quality social services.
- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) has been activated for Northland, Auckland, Bay of Plenty, Tairāwhiti, Hawke's Bay, Gisborne and Waikato. As of Friday 10 March, 1,714 households had registered with TAS across all affected regions. There are 567 properties in supply as of 10 March. TAS Procurement are working to secure additional supply options. Contracts are being confirmed and explored in Auckland and Hawke's Bay. TAS has significantly upscaled resources to meet the demands for this response.
- MPI is working with farm supply companies, such as Farmlands and PGG Wrightson, and vets to ensure critical supplies get to cut-off communities with no road access. Helicopters and Unimog's are being used for the deliveries. As of Thursday 9 March approximately \$24.093 million has been paid out to approximately 2,079 people. Collaboration between MPI and Te Puni Kōkiri is taking place on the second phase of support to Māori landowners and farmers/ growers in Tairāwhiti, which will include practical 'on farm' support.

- The Rapid Relief Team has reported that between 11 and 18 February they served 17,477 meals and provided 3,466 RRT Food Boxes and 1,630 RRT Care Kits across all the impacted regions.



RECOVERY

- Significant progress on the Response to Recovery Transition Report as a joint effort between NCC functions.
- Continuing to scope availability of recovery practitioners to assist with staffing across the CDEM system.
- Continuing work on products to assist in the establishment of central government National Recovery arrangements.
- Assisting development of recovery structures, recovery action plans, and transition reports from the CDEM Groups.
- NCC Recovery are fielding questions from CDEM Groups about future recovery architecture and current policy settings. NCC Recovery will attend a meeting with Wairarapa CEs and WREMO on Monday 13 March to assist their understanding and inform decisions.
- NCC Recovery are developing initial Recovery Action Plan with NCC Planning.

KEY REGIONAL UPDATES – Areas under State of National Emergency



HAWKE'S BAY

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- Action Plan 18 for the operational period from 5:00PM Friday 10 March through until 8:45AM Wednesday 15 March is now in effect. As of Friday 10 March Situation Reports from Hawke's Bay Group will move to one report daily.
- The rāhui on fishing and gathering kaimoana between Te Awanga and Mohaka has been extended until Monday 13 March.
- Isolated, remote communities continue to be a top priority. There is a helicopter in support of bulk resupply to isolated communities including Upper and Lower Dartmoor, Waihau, Puketitiri and Patoka. Health providers and NZ Police are also onboard while visiting these communities. Over the weekend work to coordinate MSD staff into isolated communities will begin.
- On Friday 10 March, a report was released to close off a welfare outreach programme which had the goal of reconnecting and establishing definitive communications with satellite communities and individual households. According to the report 138 properties were physically checked. These properties have been grouped by location into 24 named areas of interest. The report outlines information on isolated communities and includes recommendations for new hub locations to be serviced by the distribution centre. The focus has now turned to the best way of delivering the

ongoing supply and holistic support for people living within the areas of interest, with a deliberate re-supply programme for isolated communities. [A programme focused on the newly developed weekly sustainment schedule will be starting Monday 13 March.](#)

- In Wairoa, Operation Papakāinga has been initiated and led by Māori wardens with approval from Ngāti Pahauwera and supported by GECC, based on Wairoa EOC mandating mana whenua to lead a welfare-need-based response. Operation Papakāinga involves visiting Marae and hapori (community) in Putere, Kotemaori, and Mohaka to contact all properties within the identified areas. Following the visits, areas of response and support were identified. Needs assessments and recommendations from this operation are being utilised to coordinate multi-agency welfare support for the five isolated communities that were identified.
- As of [Sunday 12 March](#), there are no CDC's open in Napier, Hastings and Central Hawke's Bay. In Wairoa two CDCs and one CLC remain open, collectively accommodating 34 people overnight. One CLC in Napier continues to accommodate nine people overnight, but it is no longer taking new people. [Two CLCs in Hastings](#) are open, with two accumulatively accommodating 80 people overnight.
- As of Friday 10 March, 106 (up by two) buildings have been issued with red placards and 1,087 (up by four) with yellow placards. Rapid building assessments are still occurring in some areas, such as Wairoa and remote areas of Hastings. Reassessments are also occurring in some areas because some buildings could not be adequately assessed due to flooding and hazards or because they required more detailed assessments by professionals. In Central Hawke's Bay houses are being reassessed with a view to removing yellow stickers where possible.
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials, sanitary items, generators and fuel. Work is underway to transition the Regional Distribution Hub to a more sustainable model
- There is continued concern among farming communities for the ability to move stock off farm by the end of April, along with receiving building materials such as fencing to repair properties. The Rural Advisory Group continue to engage with these communities and are holding horticulture meetings.
- [A draft Response to Recovery Transition Report is currently being worked on within the Hawke's Bay ECC.](#)

CRITICAL INFRASTRUCTURE

- A cordon remains in place around Awatoto Industrial Estate. Appropriate PPE must be worn to gain access to the site. Te Whatu Ora is providing health advice on health aspects relating to the affected zone. A sampling regime was completed on 9 March. Around 200 samples were taken from residential properties, industrial sites and the public roadway. Results are expected back in the week commencing 13 March.
- The supply and demand of accommodation, for families transitioning from emergency accommodation to temporary accommodation, and for surge staff assisting in response activities, is identified as a key risk.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Two major routes in the region remain closed: SH2 Napier to Raupunga and SH5 Napier to Taupo. As of Thursday 8 March, the full re-opening of SH2 is likely to take two to three months. For SH5, the aim is to have the road reopened to the public in approximately two to three weeks. The plan to provide access to freight convoys on SH5 is continuing, with some remaining details to be confirmed. Convoys are planned to commence on Tuesday 14 March. Waka Kotahi provides a regional State Highway Access map at [Cyclone Gabrielle regional map - Hawke's Bay \(nzta.govt.nz\)](#)
- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi occurred to prioritise Bailey Bridges. Approval has been given for the deployment of Bailey Bridges at Rissington, Moeangiangi, Whanawhana, Ellis-Wallace, Opoiti (completed),

Mangatutu, Hikuwai #1 (SH35) and Waikare River Bridge. Some work is expected to be complete around the 12 April.

- As at 9:00AM **Sunday 12 March** there were **833** customers without power in Hawke's Bay. The Region is at **98.73%** restored.
- The Core Fibre issue on the shared (Vodafone/Chorus) SH5 route has not been repaired. All services are currently up, and no Chorus Core routes are impacted. Local fault issues continue with 18 cabinets impacted across Hawke's Bay, Wairoa areas. Planning is underway to address these issues.
- The rail line between Hastings and Napier is expected to remain closed for up to six months. Napier to Wairoa is expected to remain closed for some time as the priority is to reopen the line to Napier from Hastings. Inspections on the Napier to Wairoa section of line are ongoing.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- MBIE TAS advised that 40 migrant workers are reported to be staying at a café in Mōrere and are being supported by the community. This is being addressed at the local and regional levels. As of 10 March, TAS reports that there approximately 26 households being accommodated in TAS housing and there are currently eight rooms available in Tairāwhiti.
- MPI Animal Welfare Emergency Management (AWEM) have drafted the Tairāwhiti Operation Reach process and created a handover of the key objectives and actions for the project to provide critical supplies to isolated farms. This is to be handed over for local coordination between local MPI staff and the Tairāwhiti Rural Coordination Group (RCG).
- The Trust Tairāwhiti business support grant is extremely oversubscribed. They've received \$12 million worth of applications within 24 hours (for a \$4.5 million fund). This highlights the need for business support and there are concerns that rural Māori businesses were unable to access the fund.
- As of 5:30PM Friday 10 March, 11 buildings have been issued with red placards and 170 with yellow placards (no change from 8 March).
- CDEM note an increased number of animal welfare issues arising from the rapid needs assessments. These are mainly livestock issues include issues retaining stock on properties due to lost fencing, water issues due to broken water systems and access to animal welfare supplies (mainly due to isolation).
- Food provision is still necessary for isolated communities. A resupply Action Plan has been developed and was activated on 9 March. The purpose of the plan is to provide and operational plan for the resupply to meet basic needs of the isolated whānau, farms and stations, and communities. It is focused on a coordinated approach for the supply of resources by air, sea and road.
- Silt and waste management planning is underway to support clean-up, prioritising identifying dumping sites and safety messaging. There are concerns with the handling of potentially flood-damaged asbestos-contaminated materials for both public and clearance personnel.

CRITICAL INFRASTRUCTURE

- As of 9:00AM **Sunday 12 March** there remains three consumers without access to power.
- Excess silt in the river at Waingake eliminates the option of emergency extraction from the river, as the water treatment plant cannot cope with that silt. Alternative options are being explored. Ongoing water restrictions will be reviewed before the end of March when treated water is available from Waingake to supplement the Waipaoa supply.
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. The installation of a Bailey Bridge at Hikuwai will commence on Monday 13 March, following strong support and work from mana whenua and the local community. Waka Kotahi joined mana whenua and the local community on site on Friday 10 March for a blessing of the site. It is expected the construction will take approximately eight weeks. Recovery work continues, including the creation of a local bypass road around the Mangahauini debris dam, which is anticipated to be ready by the end of March.
- SH2 (Ōpōtiki to Gisborne) was closed on 9 March for tree and vegetation removal. As result the road is now open under temporary speed limits. The highway is now expected to remain open, however planned closures may be required for continued site recovery.

KEY REGIONAL UPDATES – Areas under National Transition Period



NORTHLAND

- Northland have established a recovery structure and have Local Recovery Managers in place at each the three District Councils. The structure includes Māori advice, representation, and accountability at all levels.
- The following four key Recovery priorities have been identified:
 - Community wellbeing (outstanding welfare needs, broader psychosocial support, community work approaches to help build a sense of 'getting through')
 - Critical infrastructure (sorting immediate issues with roads and electricity; doing some longer-term work with the broader Lifelines / critical infrastructure providers on resiliency for future events)
 - Rural Support (with MPI as lead agency: financial support, community dinners, on-farm advice, Enhanced Task Force Green, advocacy, business continuity planning support)
 - Marae Preparedness (enhancing marae's ability to provide water, power, and community manaakitanga during future events).
- Northland CDEM have begun a 'rapid community consultation' project combined with a piece of psychosocial/community practice mahi. This will inform the final Regional Recovery Plan, as well as produce a stand-alone document of stories of community resilience.

AUCKLAND

- As of 5:30PM Friday 10 March, 666 (up by one) buildings have been issued with red placards, 2,300 (up by three) with yellow placards and 4,211 (up by five) with white placards (for both January and February weather events).
- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service agencies. The Welfare Team are proactively reaching out to communities based on regional damage, impact assessments a community reports to assess the need for further support.
- MBIE Temporary Accommodation Services (TAS) supply housing remains an issue. The two main emerging issues are that many Auckland households still need to access the temporary accommodation service and that additional accommodation needs will likely emerge in Muriwai, Piha and Karekare, as well as areas impacted by the Auckland Anniversary Floods such as Mt Roskill, Mangere, Milford, Epsom, Hillsborough and others.
- Cordons continue in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. Muriwai and Karekare are a priority for Auckland Emergency Management. After taking note of community concern a decision was made for the cordon at the Muriwai/ Motutara and Oaia/Waitea intersections to remain until further notice.

WAIKATO

- Waikato's recovery focus will be on continued welfare and operational support to affected communities, and repairs to infrastructure.
- As of 5:30PM Friday 10 March, 20 buildings have been issued with red placards, 40 with yellow placards, and 49 with white placards (no change since 8 March). Waikato District Council are looking to expand their existing designated area due to damage to buildings being discovered further afield. MBIE are assisting the Council.
- Roading remains fragile in parts of the region, in particular the Coromandel Peninsula and Raglan. SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times.
- SH25 Waihi to Whangamatā remains open but reduced to light vehicles only due to a drop out. MPI are managing expectations of transit of primary industry products. SH25 from Hikuai to Oputere continues to have issues with an underslip, and benching works continue to cut into the bank to maintain access. Stop/go control and temporary closures continue. If further significant cracking or slippage occurs, a full closure may need to be implemented without warning.

TARARUA

- Tararua still has multiple local road closures and the Tararua District Council and Tararua Alliance are focusing on repairs. As of Wednesday 8 March, 13 local roads continue to be closed across the district affecting about 200 households, although resident access is being allowed on these roads.
- The region remains prone to further impacts should severe weather hit in the coming weeks, and already critical infrastructure could be compromised further.
- As of 5:30PM Friday 10 March, 6 buildings have been issued with red placards, 9 with yellow placards, and 9 with white placards (no change from 8 March).



PUBLIC INFORMATION

Public information is being led by local Civil Defence Emergency Management Groups.

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- Northland, Auckland, Waikato regions and the Tararua, Masterton, Carterton and Wairarapa Districts are under a national transition period. Tairāwhiti and Hawke's Bay are still in an active response phase and remain under a state of national emergency.
- Each region and district affected by Cyclone Gabrielle is working with NEMA to determine when they are ready to move into a recovery phase. The national transition period means there is coordination of all-of-government support for local authorities and CDEM Groups leading the local and regional recovery efforts.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. It was first declared on 14 February and extended on 21 February, 28 February and 7 March.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible. Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities. Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels

are high. When cleaning up silt, use normal low-pressure hoses and brooms to push wet material without making it airborne.

- Do not attempt to burn fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- Conserve water where you are advised to.
- An all-of-government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.
<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	NCC Intelligence Manager
Report release approved by:	National Controller
Next situation report due at:	1700 hours on 13 March 2023

Please send Agency updates and products to 9(2)(a) [REDACTED] and 9(2)(a) [REDACTED] for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 046

ISSUED AT 17:00 HOURS ON 13 MARCH 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	<p>State of National Emergency covering Tairāwhiti Hawke's Bay</p> <p>National Transition Period covering Northland Auckland Waikato Taranua District</p>														
Activation status:	Time declared:														
Mode 4 Lead/Direct	<p>State of National Emergency Tairāwhiti and Hawke's Bay: 8:43AM 14 February 2023 – 8:43AM 14 March 2023</p> <p>National Transition Period Northland, Auckland, Waikato, and Taranua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023 Masterton, Carterton and Wairarapa Districts: 8:43AM 7 March 2023 – 8:43AM 5 June 2023</p>														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 4</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 4	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 4	S														
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N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).

SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua.
- A State of National Emergency was declared on 14 February 2023, and then extended on Tuesday 21 February, Tuesday 28 February and Tuesday 7 March, each time for a further seven days. From 28 February, the State of National Emergency ceased to apply to the Bay of Plenty.
- On Friday 3 March Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District moved into a national transition period. As of 7 March Masterton, Carterton and Wairarapa Districts are now part of the national transition period.
- On Tuesday, 14 March, the State of National Emergency for Hawke's Bay and Tairāwhiti will expire, and these regions will also move into the national transition period.
- The national transition period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The National Transition Period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As of 12 March, approximately \$62.579 million (up \$0.667 million) of Ministry of Social Development Civil Defence Grants have been paid to 109,287 people (up 759). \$0.504 million was paid on Friday 10 March to 1,023 people and \$0.162 million was paid on Saturday 11 March to 318 people. As of 10 March, MSD have committed just over \$4.05 million from the \$11.5 million Community Support Package.

Weather

- For Monday 13 March, there are north westerlies over the North Island with a front bringing a period of rain or showers followed by a cool showery southwest change. One or two showers could be heavy and thundery about central parts of the North Island with the change. Rainfall amounts are not expected to be impactful for Hawke's Bay or Tairāwhiti, but Hawke's Bay should expect a heavier shower as the southwest change comes through this afternoon or evening. There is also a moderate risk for thunderstorms about central parts of the North Island today.
- A ridge of high pressure should bring a minimal risk of severe weather to New Zealand during Tuesday and Wednesday. On Thursday, a large trough of low pressure is expected to move from over the Tasman Sea onto New Zealand, then move across the country on Friday followed by a strong and unsettled westerly flow. Rain with heavy falls and strong west or northwest winds are expected in northern and western areas, especially about the South Island, from Thursday afternoon and during Friday. The westerly regime is expected to persist for the following two weeks, with fronts passing over from the Tasman Sea.

Key Risks and Issues

- In Tairāwhiti and Hawke's Bay, Māori communities have been disproportionately impacted and isolated. Restoring access via the roading network is critical for Māori communities to allow the assessment of the extent of the impact and provide necessary welfare support.

- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular. MBIE TAS reports that as of Friday 10 March the number of households outside the two-day timeframe for their initial needs assessment remains 209, but the number of those outside the five-day assessment has decreased from 115 to 105. It is worth noting these numbers do include households who TAS have not been able to contact due to no answer or incorrect contact details.
- Silt and waste removal and clean-up continues to be a significant issue. This has put significant strain on waste removal contractors and waste storage facilities. The NCC and relevant ECCs continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated properties. The Ministry for the Environment is supporting this work. The Scientific Technical Advisory Committee (STAC) has been stood up to create a single source of truth for all areas in solid waste management.
- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is multi-agency analysis occurring which will determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation.
- Waka Kotahi continues to send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. Community sentiment remains a concern given the extensive nature of disruptions (this is not limited to land transport infrastructure disruptions) and the ongoing fatigue.
- Psychosocial welfare is likely to have a significant impact on long-term response and recovery plans, with complex welfare cases already emerging in Auckland. This will likely impact vulnerable communities such as Māori and Pacific, RSE workers and the disabled the hardest, especially those who have lost homes or been isolated. Continued support and engagement with these groups through the recovery phase is important to reduce illness and psychosocial trauma.
- In Hawke's Bay soil measurements across the region still show above field capacity (saturated). Rivers will rise quickly in the event of heavy or prolonged rain, and slips and wood debris may still disrupt waterways at no notice without rainfall.
- At 9:00AM Monday 13 March there were 766 customers without power in the two remaining impacted regions of Hawke's Bay and Tairāwhiti, down by 70 customers with 763 in Hawke's Bay.
- As of Monday, 13 March, all 172 schools across Hawke's Bay and Tairāwhiti are open for learning. Five schools are physically closed but either operate from alternative sites or undertake distance or online learning. Across Hawke's Bay and Tairāwhiti, 13 early learning services (ELS) are closed, affecting 274 children. Eight of these closures are Te Kōhanga Reo.



NCC ACTIONS

Actions carried out

- National Action Plan 4.0 covering the operational period 5:00PM 7 March – 5:00PM 14 March 2023 was issued at 5:00PM Tuesday 7 March 2023.
- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM Monday 13 March, there are 59 surge staff currently deployed to CDEM Groups (up from 44 yesterday), of which 57 are in Hawke's Bay, one in Tairāwhiti and one in Auckland.

- The NCC PIM team has been sharing messages about what support is available, how to stay safe while cleaning up, and have been sharing relevant messages from other agencies.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, have developed an approach to Bailey Bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, and are addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the National Welfare Coordination Meeting (NWCG) and provide support and specialist advice to CDEM Group Welfare Managers where required. As of Monday 13 March, the NWCG meetings will occur on a Tuesday and a Thursday. NCC Welfare have also undertaken the following actions:
 - Continuing to provide input to the National Transition to Recovery Report.
 - Continuing to support NCC Policy with financial assurance and funding queries.
 - Continuing to monitor, and provide guidance as required to impacted CDEM Groups.
 - Participating in the AoG accommodation and shelter hui, which aims to integrate delivery solutions across the agencies.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori to help support impacted communities. Iwi and marae are playing a significant role in welfare support. Key outputs for NCC Kaitohutohu include but are not limited to:
 - Providing strategic support and advice with colleagues in Wairoa and Hawke's Bay.
 - Seeking resource and expertise to provide Te Tiriti elements to the Risk Management Plan.
 - Assisting in mapping the entire Māori risk landscape using GIS system and creating a Common Operating Picture across all AoG systems that contributes to the geospatial work underway.
- NCC Safety continues to monitor and provide any additional advice/guidance on request for information that come through. NCC Safety continues to support NCC functions, CDEM Groups and agency partners through:
 - Maintaining support to Hawke's Bay and Tairāwhiti on solid waste issues and giving periphery support to Auckland on silt related risks. This is achieved through attending and supporting MfE on Tairāwhiti/Hawke's Bay daily meetings and supporting the regional and local issues.
 - Monitoring the issues around Awatoto and the use of the 'right' legislative powers to cordon off and restrict access to those surrounding commercial sites. This is achieved through analysing the current decline of Work Permits of Persons Conducting Business or Undertaking's (PCBU) trying to get into the Awatoto area to start clean up and operational duties and through maintaining the roles and responsibilities of all those involved in Awatoto, in particular that WorkSafe NZ is not a lead or co-lead agency for the Awatoto situation.
- NCC Planning have three current priorities:
 - Response to Recovery Transition Report – NCC Planning continue to develop the draft transition report on behalf of the National Controller, which includes forecasting into what response activities are likely to occur through transition to recovery.
 - Bridge prioritisation – The NCC supported by Waka Kotahi and impacted local roading authorities, have compiled a list of bridges that have been prioritised as high (urgent), medium, and low priority based on the following criteria: connecting isolated communities; current supply chain; and length of bridge vs benefit. Additional bridges which require prioritisation are currently under discussion awaiting further information from the relevant local authorities.

- Solid Waste – NCC Planning has been supporting NCC Policy in the development of possible funding mechanisms for the silt management and collaborating with NCC Safety, STAC and NCC Intelligence to enable the regional clean up through provision of advice, mapping and planning material.



MULTI-AGENCY ACTIONS AND RESOURCES

- As of 8 March, 30 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 17 Countries/Economies
 - 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- A 14-person team from the US Agency for International Development has deployed to the Hawke's Bay and the National Coordination Centre.
- 220 NZDF personnel are currently deployed which includes NZDF liaison elements embedded in the NCC and in Hastings supporting the Incident Management Team. Two aircraft, two helicopters and more than 65 trucks are deployed. The aircraft are not located in the regions, however, are on priority call to Hawke's Bay and Tairāwhiti as required.
- Waka Kotahi has reported 24 locations have been identified where a Bailey Bridge could be an option. Of these, nine sites have been given the green light, the remaining sites are being assessed for approval. Advice has been received that some bridges have been reassessed and no longer require a Bailey Bridge. [A Waka Kotahi Bailey Bridge information webpage is planned to go live today \(Monday 13 March\).](#)
- The National Health Coordination Centre (NHCC) is reviewing the required response team size as they transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; several initiatives are in place and underway. Planning is underway regarding options for the mental wellbeing recovery phase in the coming weeks.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments are activated. The Flood Line [answered 1,586 calls on Friday 10 March and 645 calls on Saturday 11 March. The line was closed on Sunday 12 March.](#) All service centres are open on the East Coast including Wairoa and MSD services and support are also being offered in the form of outreach in community hubs and marae. MSD Funded Community Connectors continue to support the provision of integrated and quality social services.
- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- The MBIE Temporary Accommodation Service (TAS) has been activated for Northland, Auckland, Bay of Plenty, Tairāwhiti, Hawke's Bay, Gisborne and Waikato. As of Friday 10 March, 1,714 households had registered with TAS across all affected regions. There are 567 properties in supply as of 10 March. TAS Procurement are working to secure additional supply options. Contracts are being confirmed and explored in Auckland and Hawke's Bay. TAS has significantly upscaled resources to meet the demands for this response.
- [The New Zealand Claims Resolution Service \(NZCRS\) was launched on 20 February to provide expert advice to building owners with insurance claims from natural disasters. The NZCRS has assisted over 174 homeowners since launching.](#)

RECOVERY

NCC Recovery are:

- Working with all NCC Functions to determine what operations and arrangements will be required between the NCC standing down and the Cyclone Recovery Unit (CRU) becoming operational.
- Providing the CRU with an appreciation of anticipated ongoing or outstanding actions and ensures that these are allocated appropriately during the transition phase.
- Continuing work on advice to Policy and into Cabinet or Advisory papers to assist in the establishment of central government National Recovery arrangements.
- Providing guidance for the development of recovery structures, recovery action plans, and transition reports for CDEM Groups.
- NCC Recovery are fielding questions from CDEM Groups about future recovery architecture and current policy settings. NCC Recovery attended a meeting with Wairarapa CEs and WREMO today to assist in their understanding and inform decisions.

KEY REGIONAL UPDATES – Areas under State of National Emergency



HAWKE'S BAY

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- Action Plan 18 for the operational period from 5:00PM Friday 10 March through until 8:45AM Wednesday 15 March is now in effect.
- The rāhui on fishing and gathering kaimoana between Te Awanga and Mohaka has been extended until Monday 13 March.
- Isolated, remote communities continue to be a top priority. There is a helicopter in support of bulk resupply to isolated communities including Upper and Lower Dartmoor, Waihau, Puketitiri and Patoka. Health providers and NZ Police are also onboard while visiting these communities. Over the weekend work to coordinate MSD staff into isolated communities began.
- On Friday 10 March, a report was released to close off a welfare outreach programme which had the goal of reconnecting and establishing definitive communications with satellite communities and individual households. According to the report 138 properties were physically checked. These properties have been groups by location into 24 named areas of interest. The focus has now turned to the best way of delivering the ongoing supply and holistic support for people living within the areas of interest, with a deliberate re-supply programme for isolated communities. A programme focused on the newly developed weekly sustainment schedule started today (Monday 13 March).
- In Wairoa, Operation Papakāinga has been initiated and led by Māori wardens with approval from Ngāti Pahauwera and supported by GECC, based on Wairoa EOC mandating mana whenua to

lead a welfare-need-based response. Operation Papakāinga involves visiting Marae and hapori (community) in Putere, Kotemaori, and Mohaka to contact all properties within the identified areas. Following the visits, areas of response and support were identified. Needs assessments and recommendations from this operation are being utilised to coordinate multi-agency welfare support for the five isolated Wairoa communities that were identified.

- As of **Monday 13 March**, there are no CDC's open in Napier, Hastings and Central Hawke's Bay. In Wairoa two CDCs and one CLC remain open, collectively accommodating 34 people overnight on 10 March. One CLC in Napier **accommodated 20** people overnight (**6 families, 1 single**). Two CLCs in Hastings are open, accumulatively accommodating approximately 80 people overnight.
- As of **Monday 13 March**, 106 (**no change**) buildings have been issued with red placards and 1,087 (**no change**) with yellow placards. Rapid building assessments are still occurring in some areas, such as Wairoa and remote areas of Hastings. Reassessments are also occurring in some areas because some buildings could not be adequately assessed due to flooding and hazards or because they required more detailed assessments by professionals. In Central Hawke's Bay houses are being reassessed with a view to removing yellow stickers where possible.
- The Regional Distribution Centre (DC) continues to support the Hawke's Bay Region with food supplies, basic clothing essentials, sanitary items, generators and fuel. Work is underway to transition the Regional Distribution Hub to a more sustainable model
- There is continued concern among farming communities for the ability to move stock off farm by the end of April, along with receiving building materials such as fencing to repair properties. The Rural Advisory Group continue to engage with these communities and are holding horticulture meetings.
- A draft Response to Recovery Transition Report is currently being worked on within the Hawke's Bay ECC.

CRITICAL INFRASTRUCTURE

- A cordon remains in place around Awatoto Industrial Estate. Appropriate PPE must be worn to gain access to the site. Te Whatu Ora is providing health advice on health aspects relating to the affected zone. A sampling regime was completed on 9 March. Around 200 samples were taken from residential properties, industrial sites and the public roadway. Results are expected back in the week commencing 13 March.
- The supply and demand of accommodation, for families transitioning from emergency accommodation to temporary accommodation, and for surge staff assisting in response activities, is identified as a key risk.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Waka Kotahi provides a regional State Highway Access map at [Cyclone Gabrielle regional map - Hawke's Bay \(nzta.govt.nz\)](#)
- SH2 remains closed between Napier and Wairoa, and the full re-opening is likely to take two-three months. The focus is looking at options to provide progressive access, both in terms of opening sections of this road and opening up access to residents and freight.
 - SH2 between Waikare Gorge and Raupunga is planned to open to traffic today (Monday 13 March).
 - Wairoa to Waikare Gorge (north of Putorino) can be accessed by residents and emergency services.
 - Tangoio to Tūtira remains closed to all traffic for sluicing works. This work is critical to ensure the road is made safe to reopen and works are progressing well.
 - SH2 Mōrere (between Wairoa and Gisborne) is open under traffic management and speed restrictions.

- SH5 Napier to Taupō currently has no through access for all vehicles due to a significant drop outs occurring at Te Pōhue and Glengarry. Emergency vehicles and local residents can now access the Eskdale to Glengarry portion of SH5. The aim is to have the road reopened to the public in approximately two to three weeks. From Tuesday 14 March to Friday 17 March, Waka Kotahi will facilitate two freight convoys daily from Taupo to Napier through SH5 for operators with a critical need to access or leave the Hawke's Bay region.
- SH38 from Frasertown to Tuai will open to light vehicles today (Monday, 13 March). The remaining section from Tuai to Aniwaniwa Falls is expected to re-open by Monday, 20 March, initially likely only during daylight hours.
- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi occurred to prioritise Bailey Bridges. Approval has been given for the deployment of Bailey Bridges at Rissington, Moeangiangi, Whanawhana, Ellis-Wallace, Opoiti (completed), Mangatutu, Hikuwai #1 (SH35) and Waikare River Bridge. Some work is expected to be complete around the 12 April.
- As at 9:00AM Monday 13 March there were 766 customers without power in Hawke's Bay. The Region is at 98.84% restored.
- The rail line between Hastings and Napier is expected to remain closed for up to six months. Napier to Wairoa is expected to remain closed for some time as the priority is to reopen the line to Napier from Hastings. Inspections on the Napier to Wairoa section of line are ongoing.

TAIRĀWHITI

Activation Status

CDEM Group ECC activated.

AFFECTED COMMUNITIES

- As of 8 March, TAS reports that there approximately 26 households being accommodated in TAS housing and there are currently 8 rooms available in Tairāwhiti.
- The Trust Tairāwhiti business support grant is extremely oversubscribed. They've received \$12 million worth of applications within 24 hours (for a \$4.5 million fund). This highlights the need for business support and there are concerns that rural Māori businesses were unable to access the fund.
- As of Monday 13 March, 11 buildings have been issued with red placards and 170 with yellow placards (no change from 8 March).
- MPI Animal Welfare Emergency Management (AWEM) have drafted the Tairāwhiti Operation Reach process and created a handover of the key objectives and actions for the project to provide critical supplies to isolated farms. This is to be handed over for local coordination between local MPI staff and the Tairāwhiti Rural Coordination Group (RCG).
- CDEM note an increased number of animal welfare issues arising from the rapid needs assessments. These are mainly livestock issues include issues retaining stock on properties due to lost fencing, water issues due to broken water systems and access to animal welfare supplies (mainly due to isolation).
- Food provision is still necessary for isolated communities. A resupply Action Plan has been developed and was activated on 9 March. The purpose of the plan is to provide and operational plan for the resupply to meet basic needs of the isolated whānau, farms and stations, and communities. It is focused on a coordinated approach for the supply of resources by air, sea and road.

CRITICAL INFRASTRUCTURE

- Excess silt in the river at Waingake eliminates the option of emergency extraction from the river, as the water treatment plant cannot cope with that silt. Alternative options are being explored. Ongoing water restrictions will be reviewed before the end of March when treated water is available from Waingake to supplement the Waipaoa supply.
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. [The Ihungia-Mata loop road between Tokomaru Bay and Te Puia Springs is open to convoys of 4WD and supply trucks. Tokomaru Bay remains cut off due to Mangahauini Gorge and Hikuwai River Bridge damage.](#) The installation of a Bailey Bridge at Hikuwai will commence on Monday 13 March, following strong support and work from mana whenua and the local community. It is expected the construction will take approximately eight weeks. Recovery work continues, including the creation of a local bypass road around the Mangahauini debris dam, which is anticipated to be ready by the end of March.
- SH2 (Ōpōtiki to Gisborne) [has some work planned in the next two weeks. However, dates are still to be confirmed. Planned works are likely under stop/go management but may require closure, and this is to be monitored by Waka Kotahi.](#)

KEY REGIONAL UPDATES – Areas under National Transition Period



NORTHLAND

- Northland have established a recovery structure and have Local Recovery Managers in place at each the three District Councils. The structure includes Māori advice, representation, and accountability at all levels.
- The following four key Recovery priorities have been identified:
 - Community wellbeing (outstanding welfare needs, broader psychosocial support, community work approaches to help build a sense of 'getting through')
 - Critical infrastructure (sorting immediate issues with roads and electricity; doing some longer-term work with the broader Lifelines / critical infrastructure providers on resiliency for future events)
 - Rural Support (with MPI as lead agency: financial support, community dinners, on-farm advice, Enhanced Task Force Green, advocacy, business continuity planning support)
 - Marae Preparedness (enhancing marae's ability to provide water, power, and community manaakitanga during future events).
- Northland CDEM have begun a 'rapid community consultation' project combined with a piece of psychosocial/community practice mahi. This will inform the final Regional Recovery Plan, as well as produce a stand-alone document of stories of community resilience.

AUCKLAND

- As of **Monday 13 March**, 666 (**no change**) buildings have been issued with red placards, 2,300 (**no change**) with yellow placards and 4,211 (**no change**) with white placards (for both January and February weather events).
- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service agencies. The Welfare Team are proactively reaching out to communities based on regional damage, impact assessments a community reports to assess the need for further support.
- MBIE Temporary Accommodation Services (TAS) supply housing remains an issue. The two main emerging issues are that many Auckland households still need to access the temporary accommodation service and that additional accommodation needs will likely emerge in Muriwai, Piha and Karekare, as well as areas impacted by the Auckland Anniversary Floods such as Mt Roskill, Mangere, Milford, Epsom, Hillsborough and others.
- Cordons continue in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. Muriwai and Karekare are a priority for Auckland Emergency Management. After taking note of community concern a decision was made for the cordon at the Muriwai/ Motutara and Oaia/Waitea intersections to remain until further notice.

WAIKATO

- Waikato's recovery focus will be on continued welfare and operational support to affected communities, and repairs to infrastructure.
- As of **Monday 13 March**, 20 buildings have been issued with red placards, 40 with yellow placards, and 49 with white placards (**no change since 8 March**). Waikato District Council are looking to expand their existing designated area due to damage to buildings being discovered further afield. MBIE are assisting the Council, **notification has not yet been received**.
- Roading remains fragile in parts of the region, in particular the Coromandel Peninsula and Raglan. SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times.
- SH25 Waihi to Whangamatā remains open but reduced to light vehicles only due to a drop out. MPI are managing expectations of transit of primary industry products. SH25 from Hikuai to Opoutere continues to have issues with an underslip, and benching works continue to cut into the bank to maintain access. Stop/go control and temporary closures continue. If further significant cracking or slippage occurs, a full closure may need to be implemented without warning.

TARARUA

- Tararua still has multiple local road closures and the Tararua District Council and Tararua Alliance are focusing on repairs. As of Wednesday 8 March, 13 local roads continue to be closed across the district affecting about 200 households, although resident access is being allowed on these roads.

- The region remains prone to further impacts should severe weather hit in the coming weeks, and already critical infrastructure could be compromised further.
- As of **Monday 13 March**, 6 buildings have been issued with red placards, 9 with yellow placards, and 9 with white placards (no change from 8 March).



PUBLIC INFORMATION

Public information is being led by local Civil Defence Emergency Management Groups.

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- Northland, Auckland, Waikato regions and the Tararua, Masterton, Carterton and South Wairarapa Districts are under a national transition period. [Tairāwhiti and Hawke's Bay move into the national transition period tomorrow morning.](#)
- Each region and district affected by Cyclone Gabrielle [has](#) worked with NEMA to determine when they [were](#) ready to move into a recovery phase. The national transition period means there is coordination of all-of-government support for local authorities and CDEM Groups leading the local and regional recovery efforts.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. It was first declared on 14 February and extended on 21 February, 28 February and 7 March, [before expiring on 14 March.](#)

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible. Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities. Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high. When cleaning up silt, use normal low-pressure hoses and brooms to push wet material without making it airborne.
- Do not attempt to burn fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.



- Conserve water where you are advised to.
- An all-of-government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.
<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	NCC Intelligence Manager
Report release approved by:	National Controller
Next situation report due at:	1700 hours on 14 March 2023

Please send Agency updates and products to **9(2)(a)** and **9(2)(a)** for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 047

ISSUED AT 17:00 HOURS ON 14 MARCH 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	National Transition Period covering Northland Auckland Waikato Tararua District Masterton District Carterton District South Wairarapa District Tairāwhiti Hawke's Bay														
Activation status:	Time declared:														
Mode 2 Engage	National Transition Period Northland, Auckland, Waikato, and Tararua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023 Masterton, Carterton and Wairarapa Districts: 8:43AM 7 March 2023 – 8:43AM 5 June 2023 Tairāwhiti and Hawke's Bay: 8:43AM 14 March 2023 – 8:43AM 12 June 2023														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 3</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 3	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 3	S														
	↓														
N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in blue text (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua.
- On the 14th of February 2023, an official declaration of a State of National Emergency was pronounced, subsequently extending the emergency status on Tuesday the 21st of February, Tuesday the 28th of February, and Tuesday the 7th of March, with each extension lasting an additional seven days. As of the 28th of February, the State of National Emergency concluded for the Bay of Plenty region. On the 3rd of March, the State of National Emergency was concluded in Northland, Auckland, Waikato, and the Tararua District. [The State of National Emergency, which encompassed Tairāwhiti and Hawke's Bay, concluded on the 14th of March.](#)
- On Friday 3 March Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District moved into a national transition period. As of 7 March Masterton, Carterton and Wairarapa Districts are now part of the national transition period. [As of 14 March, Hawke's Bay and Tairāwhiti are now part of the national transition period.](#)
- The national transition period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The National Transition Period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As of 13 March, approximately \$62.957 million (up \$0.378 million) of Ministry of Social Development Civil Defence Grants have been paid to 109,725 people (up 438). \$0.376 million was paid on Monday 13 March to 795 people.

Weather

- A ridge of high pressure should bring settled weather to New Zealand during Tuesday and Wednesday (14-15 March). [No Severe Weather Warnings or thunderstorms are expected today \(14 March\). There are no tropical cyclones in the Coral Sea or South Pacific areas.](#)
- [A low in the Tasman Sea and associated rainbands are expected to move across New Zealand late Thursday and Friday, with a second trough and associated rainbands crossing the country later Friday and Saturday. Periods of rain with heavy falls and strong north or northwest winds are expected to affect many parts of the country from Thursday afternoon through to Saturday, while a period of southerlies and rain affects central and central New Zealand later Friday and Saturday. A Heavy Rain Watch has been issued for Westland from 4:00PM Thursday and through Friday and this Watch will likely be upgraded to a Warning closer to the time.](#)

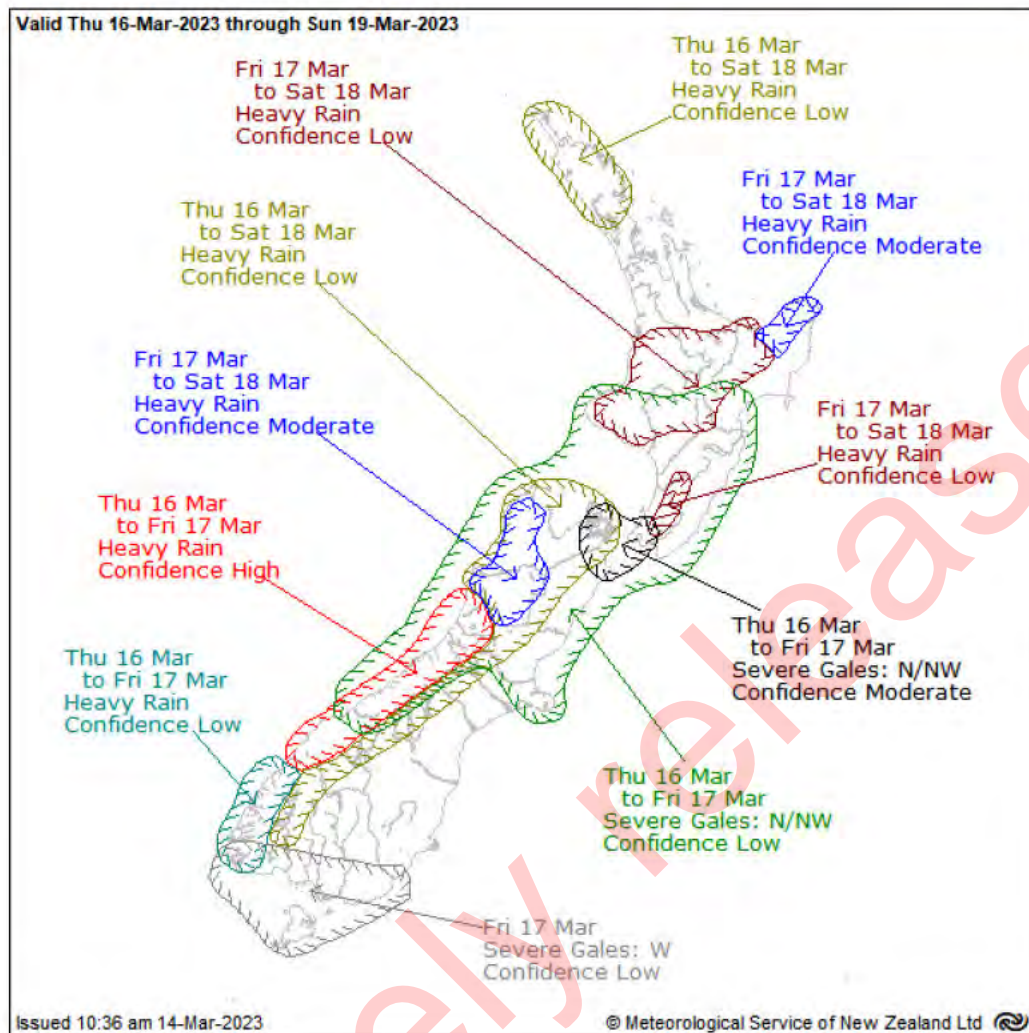


Figure 1: MetService severe weather outlook 14 March 2023.

Key Risks and Issues

- In Tairāwhiti and Hawke's Bay, Māori communities have been disproportionately impacted and isolated. Restoring access via the roading network is critical for Māori communities to allow the assessment of the extent of the impact and provide necessary welfare support.
- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular. MBIE TAS reports that as of Monday 13 March the number of households outside the two-day timeframe for their initial needs assessment is 124 (down from 209), and the number of those outside the five-day assessment has decreased from 105 to 73. It is worth noting these numbers do include households who TAS have not been able to contact due to no answer or incorrect contact details.
- Silt and waste removal and clean-up continues to be a significant issue. This has put significant strain on waste removal contractors and waste storage facilities. The NCC and relevant ECCs continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated properties. The Ministry for the Environment is supporting this work. The Scientific Technical Advisory Committee (STAC) has stood up to create a single source of truth for all areas in solid waste management.
- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is multi-agency analysis occurring which will determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and

materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation.

- Waka Kotahi continues to send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. Community sentiment remains a concern given the extensive nature of disruptions (this is not limited to land transport infrastructure disruptions) and the ongoing fatigue.
- Psychosocial welfare is likely to have a significant impact on long-term response and recovery plans. This will likely impact vulnerable communities such as Māori and Pacific, RSE workers and the disabled the hardest, especially those who have lost homes or been isolated. Continued support and engagement with these groups through the recovery phase is important to reduce illness and psychosocial trauma.
- In Hawke's Bay soil measurements across the region still show above field capacity (saturated). Rivers will rise quickly in the event of heavy or prolonged rain, and slips and wood debris may still disrupt waterways at no notice without rainfall.
- As of **Tuesday 14 March**, there were **753** customers without power in the two remaining impacted regions of Hawke's Bay and Tairāwhiti, with the majority (751) in Hawke's Bay. Several customers have their supply restored but may not be reconnected to a permanent network supply. They may be on temporary generation to enable supply restoration. The network companies will work hard over the coming weeks and months to re-establish the networks and supply people of temporary generation with a permanent network connection.
- As of **Tuesday 14 March**, all 172 schools across Hawke's Bay and Tairāwhiti are open for learning. Five schools are physically closed but either operate from alternative sites or undertake distance or online learning. Across Hawke's Bay and Tairāwhiti, 13 early learning services (ELS) are closed, affecting 274 children. Eight of these closures are Te Kōhanga Reo. **5 ELS in Auckland are closed, affecting 223 children.**
- From today (14 March), Civil Defence payments will only be available for people in the following areas: East Coast (Tairāwhiti and Hawke's Bay), Kaipara, Hokianga and Whangārei in Northland, Karekare, Piha, Muriwai and Te Henga in Auckland, and Port Waikato in Waikato. While CD payments are no longer available for the January/February floods or Cyclone Hale, MSD can continue to support people affected by earlier events through existing services like hardship payments, benefits or employment support.



NCC ACTIONS

Actions carried out

- National Action Plan 5.0 covering the operational period 5:00PM 14 March – 5:00PM 22 March 2023 will be issued Tuesday 14 March 2023. This Action Plan applies to those regions within the National Transition Period.
- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM Tuesday 14 March, there are 56 surge staff currently deployed to CDEM Groups (down from 59 yesterday), of which 53 are in Hawke's Bay, two in Tairāwhiti and one in Auckland.
- The NCC PIM team has been sharing messages about what support is available, how to stay safe while cleaning up, and have been sharing relevant messages from other agencies.

- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, have developed an approach to Bailey Bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, and are addressing urgent critical resource/support needs.
- NCC Welfare continues to chair the National Welfare Coordination Meeting (NWCG) and provide support and specialist advice to CDEM Group Welfare Managers where required. [The ongoing requirement for NWCG meetings will continue to be reassessed, noting the cancellation of the next planned meeting \(16 March\), and attendees will be updated in due course.](#) NCC Welfare have also undertaken the following actions:
 - Continuing to provide input to the National Transition to Recovery Report.
 - Continuing to support NCC Policy with financial assurance and funding queries.
 - Continuing to monitor, and provide guidance as required to impacted CDEM Groups.
 - Participating in the AoG accommodation and shelter hui, which aims to integrate delivery solutions across the agencies.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori to help support impacted communities. Iwi and marae are playing a significant role in welfare support. Key outputs for NCC Kaitohutohu include but are not limited to:
 - Providing strategic support and advice with colleagues in Wairoa and Hawke's Bay.
 - Seeking resource and expertise to provide Te Tiriti elements to the Risk Management Plan.
 - Assisting in mapping the entire Māori risk landscape using GIS system and creating a Common Operating Picture across all AoG systems that contributes to the geospatial work underway.
- NCC Safety continues to monitor and provide any additional advice/guidance on request for information that come through. NCC Safety continues to support NCC functions, CDEM Groups and agency partners through:
 - Maintaining support to Hawke's Bay and Tairāwhiti on solid waste issues and giving periphery support to Auckland on silt related risks. This is achieved through attending and supporting MfE on Tairāwhiti/Hawke's Bay daily meetings and supporting the regional and local issues.
 - Monitoring the issues around Awatoto and the use of the 'right' legislative powers to cordon off and restrict access to those surrounding commercial sites. This is achieved through analysing the current decline of Work Permits of Persons Conducting Business or Undertaking's (PCBU) trying to get into the Awatoto area to start clean up and operational duties and through maintaining the roles and responsibilities of all those involved in Awatoto, in particular that WorkSafe NZ is not a lead or co-lead agency for the Awatoto situation.
- NCC Planning have three current priorities:
 - Response to Recovery Transition Report – NCC Planning continue to develop the draft transition report on behalf of the National Controller, which includes forecasting into what response activities are likely to occur through transition to recovery.
 - Bridge prioritisation – The NCC supported by Waka Kotahi and impacted local roading authorities, have compiled a list of bridges that have been prioritised as high (urgent), medium, and low priority based on the following criteria: connecting isolated communities; current supply chain; and length of bridge vs benefit. Additional bridges which require prioritisation are currently under discussion awaiting further information from the relevant local authorities.
 - Solid Waste – NCC Planning has been supporting NCC Policy in the development of possible funding mechanisms for the silt management and collaborating with NCC Safety,

STAC and NCC Intelligence to enable the regional clean up through provision of advice, mapping and planning material.



MULTI-AGENCY ACTIONS AND RESOURCES

- As of 8 March, 30 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 17 Countries/Economies
 - 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- A 14-person team from the US Agency for International Development has deployed to the Hawke's Bay and the National Coordination Centre.
- 220 NZDF personnel are currently deployed which includes NZDF liaison elements embedded in the NCC and in Hastings supporting the Incident Management Team. Two aircraft, two helicopters and more than 65 trucks are deployed. The aircraft are not located in the regions, however, are on priority call to Hawke's Bay and Tairāwhiti as required.
- [The last New Zealand Red Cross Disaster Welfare Support team volunteers have returned to their home locations.](#)
- Waka Kotahi has reported 24 locations have been identified where a Bailey Bridge could be an option. Of these, nine sites have been given the green light, the remaining sites are being assessed for approval. Advice has been received that some bridges have been reassessed and no longer require a Bailey Bridge. A Waka Kotahi Bailey Bridge information webpage is planned to go live.
- The National Health Coordination Centre (NHCC) is reviewing the required response team size as they transition to the recovery phase. Psychosocial work will remain in the response phase given the growing need; several initiatives are in place and underway. Planning is underway regarding options for the mental wellbeing recovery phase in the coming weeks.
- MSD has established the MSD 0800 helpline (0800 400 100) and Civil Defence Payments are activated. The Flood Line answered 1,152 calls on Monday 13 March. All service centres are open on the East Coast including Wairoa and MSD services and support are also being offered in the form of outreach in community hubs and marae.
- A range of Government funding mechanisms are available to support communities and businesses affected by Cyclone Gabrielle. Some examples include MPI's Cyclone Gabrielle recovery grants and funding, MSD's Community Support Package and a \$50 million package for business and primary sector support.
- [The NEMA-administered Cyclone Gabrielle Welfare Support Grant fund is now available. It is intended to reimburse certain emergency costs that have already been incurred by marae, iwi, and recognised community organisations \(including rural groups, Pacific organisations, and ethnic service providers\) to care for people who were affected, displaced, or isolated during the state of national emergency. This Grant recognises that these organisations have used their resources to fund their immediate response to Cyclone Gabrielle. It provides a faster alternative to seeking reimbursement through local authorities for emergency response costs.](#)
- The MBIE Temporary Accommodation Service (TAS) has been activated for Northland, Auckland, Bay of Plenty, Tairāwhiti, Hawke's Bay, Gisborne and Waikato. As of 3:00PM Monday 13 March, 1,770 households had registered with TAS across all affected regions. There are 583 properties in supply as of 10 March. TAS Procurement are working to secure additional supply options. Contracts are being confirmed and explored in Auckland and Hawke's Bay. TAS has significantly upscaled resources to meet the demands for this response.

- The New Zealand Claims Resolution Service (NZCRS) was launched on 20 February to provide expert advice to building owners with insurance claims from natural disasters. As of 10 March, in its first three weeks of operation, NZCRS has supported 165 cases in Auckland from the flooding event, and 111 cases across the Cyclone Gabrielle impacted areas. NZCRS have had people on the ground in Mangere, Henderson, Muriwai and Piha. Later this week, NZCRS will be in the Tairāwhiti region, visiting multiple locations.



NEMA RECOVERY

- Consolidated guidance to CDEM Group Managers and Recovery Managers from NCC Policy released today, which includes powers of a Recovery Manager during the transition, reporting use of powers, and recovery arrangements.
- Working with all NCC Functions to determine ongoing tasking after the NCC stand-down until the Cyclone Recovery Unit (CRU) becomes operational.
- Providing the CRU with anticipated, ongoing, or outstanding actions while ensuring that these are allocated appropriately during the transition phase.
- Continuing work on advice to Policy and into Cabinet or Advisory papers to assist in the establishment of central government National Recovery arrangements
- Developing the National Response to Recovery Transition Report for review by the National Recovery Manager early next week.
- Providing guidance on the development of the initial Recovery Action Plan.

KEY REGIONAL UPDATES – Areas under State of National Emergency



HAWKE'S BAY

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- Action Plan 18 for the operational period from 5:00PM Friday 10 March through until 8:45AM Wednesday 15 March is now in effect.
- Isolated, remote communities continue to be a top priority. The continue to be members of the community who have not been identified and have not come forward for help despite requiring assistance. Te Haroto Marae advised of a 40-member Amish community who are now being provided support through welfare drops.
- On Friday 10 March, a report was released to close off a welfare outreach programme which had the goal of reconnecting and establishing definitive communications with satellite communities and individual households. According to the report 138 properties were physically checked. These properties have been groups by location into 24 named areas of interest. The focus has now turned to the best way of delivering the ongoing supply and holistic support for people living within the areas of interest, with a deliberate re-supply programme for isolated communities. A weekly

routine sustainment schedule delivering supplies to isolated communities at regular 5-day intervals started yesterday (13 March).

- In Wairoa, Operation Papakāinga has been initiated and led by Māori wardens with approval from Ngāti Pahauwera and supported by GECC. Operation Papakāinga involves visiting Marae and hapori (community) in Putere, Kotemaori, and Mohaka to contact all properties within the identified areas. Following the visits, areas of response and support were identified. Needs assessments and recommendations from this operation are being utilised to coordinate multi-agency welfare support for the five isolated Wairoa communities that were identified. [Information gathered during this operation has highlighted needs within small settlements in the Wairoa District.](#)
- As of [Tuesday 14 March](#), there are no CDC's open in Napier, Hastings and Central Hawke's Bay. In Wairoa two CDCs remain open, collectively accommodating [17](#) people overnight on [12 March](#). One CLC in Napier accommodated 20 people overnight (6 families, 1 single). [One CLC in Hastings remains open, accommodating approximately 30-40 people per night. The Hastings CLC accommodating displaced RSE workers has closed, with the RSE workers moved to alternative accommodation.](#)
- As of [8.30AM Tuesday 14 March](#), 106 (no change) buildings have been issued with red placards and [1,088 \(up one\)](#) with yellow placards. Rapid building assessments are still occurring in some areas, such as Wairoa and remote areas of Hastings. Reassessments are also occurring in some areas because some buildings could not be adequately assessed due to flooding and hazards or because they required more detailed assessments by professionals. In Central Hawke's Bay houses are being reassessed with a view to removing yellow stickers where possible.
- The Regional Distribution Centre continues to support the Hawke's Bay Region with food supplies, basic clothing essentials, sanitary items, generators and fuel. Work is underway to transition the Regional Distribution Hub to a more sustainable model
- There is continued concern among farming communities for the ability to move stock off farm by the end of April, along with receiving building materials such as fencing to repair properties. The Rural Advisory Group continue to engage with these communities and are holding horticulture meetings.

CRITICAL INFRASTRUCTURE

- A cordon remains in place around Awatoto Industrial Estate. Appropriate PPE must be worn to gain access to the site. Te Whatu Ora is providing health advice on health aspects relating to the affected zone. A sampling regime was completed on 9 March. Around 200 samples were taken from residential properties, industrial sites and the public roadway. Results are expected back in the week commencing 13 March.
- The supply and demand of accommodation, for families transitioning from emergency accommodation to temporary accommodation, and for surge staff assisting in response activities, is identified as a key risk.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Waka Kotahi provides a regional State Highway Access map at [Cyclone Gabrielle regional map - Hawke's Bay \(nzta.govt.nz\)](#)
- SH2 remains closed between Napier and Wairoa, and the full re-opening is likely to take two-three months. The focus is looking at options to provide progressive access, both in terms of opening sections of this road and opening up access to residents and freight.
 - SH2 between Waikare Gorge and Raupunga is planned to open to traffic [opened to traffic on Monday 13 March](#).
 - Wairoa to Waikare Gorge (north of Putorino) is currently able to be accessed by residents and emergency services.
 - Tangoio to Tūtira remains closed to all traffic for sluicing [and site safety](#). [Works are expected to finish today \(14 March\)](#). [Residents and critical supply trucks are planned to](#)

start moving to Tūtira from tomorrow and stock movements out of Tūtira on Thursday morning, with one day per week planned for public access in future.

- SH2 Mōrere (between Wairoa and Gisborne) is open under traffic management and speed restrictions.
- SH5 Napier to Taupō currently has no through access for all vehicles due to a significant dropout occurring at Te Pōhue and Glengarry. Emergency vehicles and local residents can now access the Eskdale to Glengarry portion of SH5. Freight volumes are expected to increase. The first Waka Kotahi-led freight convoy of around 30 vehicles happened Tuesday morning (14 March). Two daily convoys (morning and afternoon) from Taupō to Napier will continue through to Friday, 17 March, for operators who need access or leave the Hawke's Bay region. Safety assessments will be carried out later this week for public access. The aim is to have the road reopened to the public in approximately two to three weeks.
- SH38 from Frasertown to Tuai will open to light vehicles on Monday, 13 March. The remaining section from Tuai to Aniwaniwa Falls is expected to re-open by Monday, 20 March, initially likely only during daylight hours.
- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi occurred to prioritise Bailey Bridges. Approval has been given for the deployment of Bailey Bridges at Rissington, Moeangiāngi, Whanawhana, Ellis-Wallace, Opoiti (completed), Mangatutu, Hikuwai #1 (SH35) and Waikare River Bridge. Some work is expected to be complete around the 12 April.
- The rail line between Hastings and Napier is expected to remain closed for up to six months. Napier to Wairoa is expected to remain closed for some time as the priority is to reopen the line to Napier from Hastings. Inspections on the Napier to Wairoa section of line are ongoing.

TAIRĀWHITI

Activation Status

CDEM Group ECC activated.

AFFECTED COMMUNITIES

- As of 8 March, TAS reports that there approximately 26 households being accommodated in TAS housing and there are currently 8 rooms available in Tairāwhiti.
- The Trust Tairāwhiti business support grant is extremely oversubscribed. They've received \$12 million worth of applications within 24 hours (for a \$4.5 million fund). This highlights the need for business support and there are concerns that rural Māori businesses were unable to access the fund.
- As of 14 March, 11 buildings have been issued with red placards and 170 with yellow placards (no change from 8 March).
- MPI Animal Welfare Emergency Management (AWEM) have drafted the Tairāwhiti Operation Reach process and created a handover of the key objectives and actions for the project to provide critical supplies to isolated farms. This is to be handed over for local coordination between local MPI staff and the Tairāwhiti Rural Coordination Group (RCG).
- Food provision is still necessary for isolated communities. A resupply Action Plan has been developed and was activated on 9 March. The purpose of the plan is to provide and operational plan for the resupply to meet basic needs of the isolated whānau, farms and stations, and communities. It is focused on a coordinated approach for the supply of resources by air, sea and road.

CRITICAL INFRASTRUCTURE

- Excess silt in the river at Waingake eliminates the option of emergency extraction from the river, as the water treatment plant cannot cope with that silt. Alternative options are being explored. Ongoing water restrictions will be reviewed before the end of March when treated water is available from Waingake to supplement the Waipaoa supply.
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. The Ihungia-Mata loop road between Tokomaru Bay and Te Puia Springs is open to convoys of 4WD and supply trucks. Tokomaru Bay remains cut off due to Mangahauini Gorge and Hikuwai River Bridge damage. The installation of a Bailey Bridge at Hikuwai commenced on 13 March, following strong support and work from mana whenua and the local community. It is expected the construction will take approximately eight weeks. Recovery work continues, including the creation of a local bypass road around the Mangahauini debris dam, which is anticipated to be ready by the end of March.
- SH2 (Ōpōtiki to Gisborne) has some work planned in the next two weeks. Planned works are likely under stop/go management but may require closure, and this is to be monitored by Waka Kotahi.
- SH2 between Gisborne and the boundary with the Bay of Plenty has potential paving issues due to increased heavy vehicles. Conditions will be monitored to ensure it is suitable and safe to carry all freight and traffic to Gisborne and Wairoa.

KEY REGIONAL UPDATES – Areas under National Transition Period



NORTHLAND

- Northland have established a recovery structure and have Local Recovery Managers in place at each the three District Councils. The structure includes Māori advice, representation, and accountability at all levels.
- The following four key Recovery priorities have been identified:
 - Community wellbeing (outstanding welfare needs, broader psychosocial support, community work approaches to help build a sense of 'getting through')
 - Critical infrastructure (sorting immediate issues with roads and electricity; doing some longer-term work with the broader Lifelines / critical infrastructure providers on resiliency for future events)
 - Rural Support (with MPI as lead agency: financial support, community dinners, on-farm advice, Enhanced Task Force Green, advocacy, business continuity planning support)
 - Marae Preparedness (enhancing marae's ability to provide water, power, and community manaakitanga during future events).
- Northland CDEM have begun a 'rapid community consultation' project combined with a piece of psychosocial/community practice mahi. This will inform the final Regional Recovery Plan, as well as produce a stand-alone document of stories of community resilience.

AUCKLAND

- As of 8.30AM Tuesday 14 March, 667 (up one) buildings have been issued with red placards, 2,301 (up one) with yellow placards and 4,211 (no change) with white placards (for both January and February weather events).
- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service agencies. The Welfare Team are proactively reaching out to communities based on regional damage, impact assessments a community reports to assess the need for further support.
- MBIE Temporary Accommodation Services (TAS) supply housing remains an issue. The two main emerging issues are that many Auckland households still need to access the temporary accommodation service and that additional accommodation needs will likely emerge in Muriwai, Piha and Karekare, as well as areas impacted by the Auckland Anniversary Floods such as Mt Roskill, Mangere, Milford, Epsom, Hillsborough and others.
- Cordons continue in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. Muriwai and Karekare are a priority for Auckland Emergency Management. After taking note of community concern a decision was made for the cordon at the Muriwai/ Motutara and Oaia/Waitea intersections to remain until further notice.

WAIKATO

- Waikato's recovery focus will be on continued welfare and operational support to affected communities, and repairs to infrastructure.
- As of 14 March, 20 buildings have been issued with red placards, 40 with yellow placards, and 49 with white placards (no change since 8 March). Waikato District Council are looking to expand their existing designated area due to damage to buildings being discovered further afield. MBIE are assisting the Council, notification has not yet been received.
- Roothing remains fragile in parts of the region, in particular the Coromandel Peninsula and Raglan. SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times.
- SH25 Waihi to Whangamatā remains open but reduced to light vehicles only due to a drop out. MPI are managing expectations of transit of primary industry products. SH25 from Hikuai to Opoutere continues to have issues with an underslip, and benching works continue to cut into the bank to maintain access. Stop/go control and temporary closures continue. If further significant cracking or slippage occurs, a full closure may need to be implemented without warning.

TARARUA

- Tararua still has multiple local road closures and the Tararua District Council and Tararua Alliance are focusing on repairs.

- The region remains prone to further impacts should severe weather hit in the coming weeks, and already critical infrastructure could be compromised further.
- As of 14 March, 6 buildings have been issued with red placards, 9 with yellow placards, and 9 with white placards (no change from 8 March).



PUBLIC INFORMATION

Public information is being led by local Civil Defence Emergency Management Groups.

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- Northland, Auckland, Waikato regions and the Tararua, Masterton, Carterton and South Wairarapa Districts are under a national transition period. Tairāwhiti and Hawke's Bay move into the national transition period tomorrow morning.
- Each region and district affected by Cyclone Gabrielle has worked with NEMA to determine when they were ready to move into a recovery phase. The national transition period means there is coordination of all-of-government support for local authorities and CDEM Groups leading the local and regional recovery efforts.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. It was first declared on 14 February and extended on 21 February, 28 February and 7 March, before expiring on 14 March.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible. Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities. Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high. When cleaning up silt, use normal low-pressure hoses and brooms to push wet material without making it airborne.
- Do not attempt to burn fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.



- Conserve water where you are advised to.
- An all-of-government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.
<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	NCC Intelligence Manager
Report release approved by:	National Controller
Next situation report due at:	1700 hours on 15 March 2023

Please send Agency updates and products to **9(2)(a)** and **9(2)(a)** for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 048

ISSUED AT 17:00 HOURS ON 15 MARCH 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	National Transition Period covering Auckland Carterton District Hawke’s Bay Masterton District Northland South Wairarapa District Tairāwhiti Tararua District Waikato														
Activation status:	Time declared:														
Mode 2 Engage	National Transition Period Northland, Auckland, Waikato, and Tararua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023 Masterton, Carterton and Wairarapa Districts: 8:43AM 7 March 2023 – 8:43AM 5 June 2023 Tairāwhiti and Hawke’s Bay: 8:43AM 14 March 2023 – 8:43AM 12 June 2023														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA’s incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 3</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 3	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 3	S														
	↓														
N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).

SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua. This followed significant flooding damage in Auckland in late January 2023.
- On the 14th of February 2023, an official declaration of a State of National Emergency was pronounced, subsequently extending the emergency status on Tuesday the 21st of February, Tuesday the 28th of February, and Tuesday the 7th of March, with each extension lasting an additional seven days. As of the 28th of February, the State of National Emergency concluded for the Bay of Plenty region. On the 3rd of March, the State of National Emergency was concluded in Northland, Auckland, Waikato, and the Tararua District. The State of National Emergency, which encompassed Tairāwhiti and Hawke's Bay, concluded on the 14th of March.
- On Friday 3 March Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District moved into a National Transition Period. As of 7 March Masterton, Carterton and Wairarapa Districts are now part of the National Transition Period. As of 14 March, Hawke's Bay and Tairāwhiti are now part of the National Transition Period.
- The National Transition Period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The National Transition Period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle and four from the Auckland floods.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As of 13 March, approximately \$62.957 million (up \$0.378 million) of Ministry of Social Development Civil Defence Grants have been paid to 109,725 people (up 438). \$0.376 million was paid on Monday 13 March to 795 people.

Weather

- A complex low pressure system is expected to approach New Zealand from the northwest later on Thursday, and then cross the country on Friday and early Saturday. It is expected to bring heavy rain and strong winds for southern and central New Zealand. On Friday it is forecast for rain in the western regions of North Island, mainly on high ground, with moderate to strong northwesterly winds to the east.
- Warnings and Watches are in place over southern and central parts of the country for Heavy Rain and Severe Gales, starting from 4:00PM Thursday through to 11:00PM Friday.

Key Risks and Issues

- In Tairāwhiti and Hawke's Bay, Māori communities have been disproportionately impacted and isolated. Restoring access via the roading network is critical for Māori communities to allow the assessment of the extent of the impact and provide necessary welfare support.
- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular. MBIE TAS reports that as of **Tuesday 14 March** the number of households outside the two-day timeframe for their initial needs assessment is **27** (down from **124**), and the number of those outside the five-day assessment has decreased from **73** to **10**. It is worth noting these numbers do include households who TAS have not been able to contact due to no answer or incorrect contact details.

- Silt and waste removal and clean-up continues to be a significant issue. This has put significant strain on waste removal contractors and waste storage facilities. The NCC and relevant ECCs continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated properties. The Ministry for the Environment is supporting this work. The Scientific Technical Advisory Committee (STAC) has stood up to create a single source of truth for all areas in solid waste management.
- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is multi-agency analysis occurring which will determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation.
- Waka Kotahi continues to send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. Community sentiment remains a concern given the extensive nature of disruptions (this is not limited to land transport infrastructure disruptions) and the ongoing fatigue.
- Psychosocial welfare is likely to have a significant impact on long-term response and recovery plans. This will likely impact vulnerable communities such as Māori and Pacific, RSE workers and the disabled the hardest, especially those who have lost homes or been isolated. Continued support and engagement with these groups through the recovery phase is important to reduce illness and psychosocial trauma.
- In Hawke's Bay soil measurements across the region still show above field capacity (saturated). Rivers will rise quickly in the event of heavy or prolonged rain, and slips and wood debris may still disrupt waterways at no notice without rainfall.
- As of Tuesday 14 March, there were 753 customers without power in the two remaining impacted regions of Hawke's Bay and Tairāwhiti, with the majority (751) in Hawke's Bay. Several customers have their supply restored but may not be reconnected to a permanent network supply. They may be on temporary generation to enable supply restoration. The network companies will work hard over the coming weeks and months to re-establish the networks and supply people of temporary generation with a permanent network connection.
- From 14 March Civil Defence payments will only be available for people in the following areas: East Coast (Tairāwhiti and Hawke's Bay), Kaipara, Hokianga and Whangārei in Northland, Karekare, Piha, Muriwai and Te Henga in Auckland, and Port Waikato in Waikato. While CD payments are no longer available for the January/February floods or Cyclone Hale, MSD can continue to support people affected by earlier events through existing services like hardship payments, benefits or employment support.



NCC ACTIONS

Actions carried out

- National Action Plan 5.0 covering the operational period 5:00PM 14 March – 5:00PM 22 March 2023 was issued Tuesday 14 March 2023. This Action Plan applies to those regions within the National Transition Period.
- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM Wednesday 15 March, there are 40 surge staff currently deployed to CDEM

- Groups (down from 56 yesterday), of which 38 are in Hawke's Bay, one in Tairāwhiti and one in Auckland.
- The NCC PIM team has been sharing messages about what support is available, how to stay safe while cleaning up, and have been sharing relevant messages from other agencies.
 - NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, have developed an approach to Bailey Bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, and are addressing urgent critical resource/support needs.
 - NCC Welfare will reassess the ongoing requirement for NWCG meetings, noting the cancellation of the next planned meeting (16 March). NCC Welfare have also undertaken the following actions:
 - Continuing to provide input to the National Transition to Recovery Report.
 - Continuing to support NCC Policy with financial assurance and funding queries.
 - Continuing to monitor, and provide guidance as required to impacted CDEM Groups.
 - Participating in the AoG accommodation and shelter hui, which aims to integrate delivery solutions across the agencies.
 - NCC Kaitohutohu has received offers of support and resources from iwi/Māori to help support impacted communities. Iwi and marae are playing a significant role in welfare support. Key outputs for NCC Kaitohutohu include but are not limited to:
 - Providing strategic support and advice with colleagues in Wairoa and Hawke's Bay.
 - Seeking resource and expertise to provide Te Tiriti elements to the Risk Management Plan.
 - Assisting in mapping the entire Māori risk landscape using GIS system and creating a Common Operating Picture across all AoG systems that contributes to the geospatial work underway.
 - NCC Safety continues to monitor and provide any additional advice/guidance to support NCC functions, CDEM Groups and agency partners.
 - NCC Planning continues to develop the draft transition report on behalf of the National Controller, which includes forecasting into what response activities are likely to occur through transition to recovery. NCC Planning are supporting the drafting of the initial Recovery Action Plan.



MULTI-AGENCY ACTIONS AND RESOURCES

- As of 8 March, 30 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 17 Countries/Economies
 - 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- A 14-person team from the US Agency for International Development has deployed to the Hawke's Bay and the National Coordination Centre.
- 220 NZDF personnel are currently deployed which includes NZDF liaison elements embedded in the NCC and in Hastings supporting the Incident Management Team. Two aircraft, two helicopters and more than 65 trucks are deployed. The aircraft are not located in the regions, however, are on priority call to Hawke's Bay and Tairāwhiti as required.



NEMA RECOVERY

- Reviewing local and group response to recovery transition reports to identify issues, risks, and opportunities that could influence the national recovery objectives
- Compiling a list of recovery practitioners across NZ who could fill the systemic staff resource constraints. This will be shared as required.
- Consolidated guidance to CDEM Group Managers and Recovery Managers from NCC Policy released today, which includes powers of a Recovery Manager during the transition, reporting use of powers, and recovery arrangements.
- Working with all NCC Functions to determine ongoing tasking after the NCC stand-down until the Cyclone Recovery Unit (CRU) becomes operational.
- Providing the CRU with anticipated, ongoing, or outstanding actions while ensuring that these are allocated appropriately during the transition phase.
- Continuing work on advice to Policy and into Cabinet or Advisory papers to assist in the establishment of central government National Recovery arrangements
- Developing the National Response to Recovery Transition Report for review by the National Recovery Manager early next week.
- Providing guidance on the development of the initial Recovery Action Plan.

KEY REGIONAL UPDATES



HAWKE'S BAY

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- Action Plan 19 for the operational period from 5:00PM Tuesday 14 March through until 5:00PM Monday 20 March is now in effect.
- Isolated, remote communities continue to be a top priority. The continue to be members of the community who have not been identified and have not come forward for help despite requiring assistance. Te Haroto Marae advised of a 40-member Amish community who are now being provided support through welfare drops.
- On Friday 10 March, a report was released to close off a welfare outreach programme which had the goal of reconnecting and establishing definitive communications with satellite communities and individual households. According to the report 138 properties were physically checked. These properties have been groups by location into 24 named areas of interest. The focus has now turned to the best way of delivering the ongoing supply and holistic support for people living within the areas of interest, with a deliberate re-supply programme for isolated communities. A weekly routine sustainment schedule delivering supplies to isolated communities at regular 5-day intervals started on 13 March.

- In Wairoa, Operation Papakāinga has been initiated and led by Māori wardens with approval from Ngāti Pahauwera and supported by GECC. Operation Papakāinga involved visiting Marae and hapori (community) in Putere, Kotemaori, and Mohaka to contact all properties within the identified areas. Following the visits, areas of response and support were identified. Needs assessments and recommendations from this operation are being utilised to coordinate multi-agency welfare support for the five isolated Wairoa communities that were identified. Information gathered during this operation has highlighted needs within small settlements in the Wairoa District.
- As of Tuesday 14 March, there are no CDC's open in Napier, Hastings and Central Hawke's Bay. In Wairoa two CDCs remain open, collectively accommodating 17 people overnight on 12 March. One CLC in Napier accommodated 20 people overnight (6 families, 1 single). One CLC in Hastings remains open, accommodating approximately 30-40 people per night. The Hastings CLC accommodating displaced RSE workers has closed, with the RSE workers moved to alternative accommodation.
- As of 14 March MBIE TAS reports there are 347 registered households and 249 active households in the Hawke's Bay region.
- As of 8.30AM Wednesday 15 March, 106 (no change) buildings have been issued with red placards and 1,090 (up two) with yellow placards. Rapid building assessments are still occurring in some areas, such as Wairoa and remote areas of Hastings. Reassessments are also occurring in some areas because some buildings could not be adequately assessed due to flooding and hazards or because they required more detailed assessments by professionals. In Central Hawke's Bay houses are being reassessed with a view to removing yellow stickers where possible.
- The Regional Distribution Centre continues to support the Hawke's Bay Region with food supplies, basic clothing essentials, sanitary items, generators and fuel. Work is underway to transition the Regional Distribution Hub to a more sustainable model and for its relocation. Work continues to reduce non-essential items and improve distribution of perishable stores. There is high demand for perishable food items to be supplied but correct food handling processes are not in place currently so perishable items are not able to be provided. It is hoped perishable items will be able to be delivered in the future.
- There is continued concern among farming communities for the ability to move stock off farm by the end of April, along with receiving building materials such as fencing to repair properties. The Rural Advisory Group continue to engage with these communities and are holding horticulture meetings.

CRITICAL INFRASTRUCTURE

- A cordon remains in place around Awatoto Industrial Estate. Appropriate PPE must be worn to gain access to the site. Te Whatu Ora is providing health advice on health aspects relating to the affected zone. A sampling regime was completed on 9 March. Around 200 samples were taken from residential properties, industrial sites and the public roadway. Results are expected back within the week commencing 13 March.
- The supply and demand of accommodation, for families transitioning from emergency accommodation to temporary accommodation, and for surge staff assisting in response activities, is identified as a key risk.
- Wairoa have lifted fuel limitations for members of the public. There are still concerns around how to deliver/supply isolated communities in Wairoa with fuel.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Waka Kotahi provides a regional State Highway Access map at [Cyclone Gabrielle regional map - Hawke's Bay \(nzta.govt.nz\)](https://www.nzta.govt.nz/cyclone-gabrielle-regional-map-hawkes-bay)
- SH2 remains closed between Napier and Wairoa, and the full re-opening is likely to take several months. The focus is looking at options to provide progressive access, both in terms of opening sections of this road and opening up access to residents and freight.

- Wairoa south to Tūtira (including Tūtira to Waikare Gorge (north of Putorino) is open under temporary traffic management.
- Tangoio to Tūtira will be open on Thursday 16 March and Friday 17 March from 7:00AM to 7:00PM to residents, stock movements and essential vehicles only. Traffic management will be in place via a pilot/ convoy system for the section between Arapaoanui Road and Waikoau Hill.
- SH2 Mōrere (between Wairoa and Gisborne) is open under traffic management and speed restrictions.
- On 28 February a major new underslip occurred on SH5 Napier to Taupō south of Te Pōhue. As of 15 March there is emergency vehicle access available from both sides, as well as local resident access to the Eskdale to Glengarry portion of SH5. Freight volumes are expected to increase. On the morning of Tuesday 14 March Waka Kotahi-led freight convoy commenced. The morning convoy had around 30 vehicles and the afternoon convoy had 20 vehicles. Two daily convoys (morning and afternoon) from Taupō to Napier will continue through to Friday, 17 March, for operators who need access or leave the Hawke's Bay region. It is for heavy vehicles only, not light vehicles. Safety assessments will be carried out later this week for public access. The aim is to have the road reopened to the public in approximately two to three weeks.
- SH38 from Frasertown to Tuai as at 14 March is open but there are multiple traffic management sites and various speed restrictions in place. The remaining section from Tuai to Aniwanui Falls is expected to re-open by Monday, 20 March, initially likely only during daylight hours.
- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi occurred to prioritise Bailey Bridges. Approval has been given for the deployment of Bailey Bridges at Rissington, Moeangiangi, Whanawhana, Ellis-Wallace, Opoiti (completed), Mangatutu, Hikuwai #1 (SH35) and Waikare River Bridge. Some work is expected to be complete around the 12 April.
- The rail line between Hastings and Napier is expected to remain closed for up to six months. Napier to Wairoa is expected to remain closed for some time as the priority is to reopen the line to Napier from Hastings. Inspections on the Napier to Wairoa section of line are ongoing.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- As of 14 March MBIE TAS reports there are 105 registered households and 69 active households. There is a supply of 45 properties in the region.
- As of 15 March, 11 buildings have been issued with red placards and 170 with yellow placards (no change from 8 March).
- MPI Animal Welfare Emergency Management (AWEM) have drafted the Tairāwhiti Operation Reach process and created a handover of the key objectives and actions for the project to provide critical supplies to isolated farms. This is to be handed over for local coordination between local MPI staff and the Tairāwhiti Rural Coordination Group (RCG).
- Food provision is still necessary for isolated communities. A resupply Action Plan has been developed and was activated on 9 March. The purpose of the plan is to provide and operational plan for the resupply to meet basic needs of the isolated whānau, farms and stations, and communities. It is focused on a coordinated approach for the supply of resources by air, sea and road.

CRITICAL INFRASTRUCTURE

- Excess silt in the river at Waingake eliminates the option of emergency extraction from the river, as the water treatment plant cannot cope with that silt. Alternative options are being explored. Ongoing water restrictions will be reviewed before the end of March when treated water is available from Waingake to supplement the Waipaoa supply.
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. The Ihungia-Mata loop road between Tokomaru Bay and Te Puia Springs is open to convoys of 4WD and supply trucks. Tokomaru Bay remains cut off due to Mangahauini Gorge and Hikuwai River Bridge damage. The installation of a Bailey Bridge at Hikuwai commenced on 13 March, following strong support and work from mana whenua and the local community. It is expected the construction will take approximately eight weeks. Recovery work continues, including the creation of a local bypass road around the Mangahauini debris dam, which is anticipated to be ready by the end of March.
- SH2 (Ōpōtiki to Gisborne) has three significant slip sites. Planned works start tomorrow (16 March) under stop/go management and may take two weeks to complete. This work is to be monitored by Waka Kotahi.
- SH2 between Gisborne and the boundary with the Bay of Plenty has potential paving issues due to increased heavy vehicles. Conditions will be monitored to ensure it is suitable and safe to carry all freight and traffic to Gisborne and Wairoa.

NORTHLAND

- Northland have established a recovery structure and have Local Recovery Managers in place at each the three District Councils. The structure includes Māori advice, representation, and accountability at all levels.
- The following four key Recovery priorities have been identified:
 - Community wellbeing (outstanding welfare needs, broader psychosocial support, community work approaches to help build a sense of 'getting through')
 - Critical infrastructure (sorting immediate issues with roads and electricity; doing some longer-term work with the broader Lifelines / critical infrastructure providers on resiliency for future events)
 - Rural Support (with MPI as lead agency: financial support, community dinners, on-farm advice, Enhanced Task Force Green, advocacy, business continuity planning support)
 - Marae Preparedness (enhancing marae's ability to provide water, power, and community manaakitanga during future events).
- Northland CDEM have begun a 'rapid community consultation' project combined with a piece of psychosocial/community practice mahi. This will inform the final Regional Recovery Plan, as well as produce a stand-alone document of stories of community resilience.

AUCKLAND

- As of 8.30AM Wednesday 15 March, 667 (no change) buildings have been issued with red placards, 2,302 (up one) with yellow placards and 4,211 (no change) with white placards (for both January and February weather events).
- As of 14 March MBIE TAS reports there are 1066 registered households and 669 active households in the Auckland region.
- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service agencies. The Welfare Team are proactively reaching out to communities based on regional damage, impact assessments a community reports to assess the need for further support.
- MBIE Temporary Accommodation Services (TAS) supply housing remains an issue. The two main emerging issues are that many Auckland households still need to access the temporary accommodation service and that additional accommodation needs will likely emerge in Muriwai, Piha and Karekare, as well as areas impacted by the Auckland Anniversary Floods such as Mt Roskill, Mangere, Milford, Epsom, Hillsborough and others.
- Cordons continue in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. Muriwai and Karekare are a priority for Auckland Emergency Management. After taking note of community concern a decision was made for the cordon at the Muriwai/ Motutara and Oaia/Waitea intersections to remain until further notice.

WAIKATO

- Waikato's recovery focus will be on continued welfare and operational support to affected communities, and repairs to infrastructure.
- As of 15 March, 20 buildings have been issued with red placards, 40 with yellow placards, and 49 with white placards (no change since 8 March). Waikato District Council are looking to expand their existing designated area due to damage to buildings being discovered further afield. MBIE are assisting the Council, notification has not yet been received.
- Roading remains fragile in parts of the region, in particular the Coromandel Peninsula and Raglan. SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times.
- SH25 Waihi to Whangamatā remains open but reduced to light vehicles only due to a drop out. MPI are managing expectations of transit of primary industry products. SH25 from Hikuai to Opoutere continues to have issues. It will be closed from 10am onwards today (15 March) for stabilisation works. The road will reopen under stop/go traffic management at regular intervals. This is to allow light vehicle access, before closing again and resuming the work.

TARARUA

- Tararua still has multiple local road closures and the Tararua District Council and Tararua Alliance are focusing on repairs.
- The region remains prone to further impacts should severe weather hit in the coming weeks, and already critical infrastructure could be compromised further.
- As of 15 March, 6 buildings have been issued with red placards, 9-13 (reports from MBIE vary intermittently but remain classed as unchanged) with yellow placards, and 9 with white placards (no change from 8 March).



PUBLIC INFORMATION

Public information is being led by local Civil Defence Emergency Management Groups.

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- Northland, Auckland, Waikato, Hawke's Bay and Tairāwhiti regions and the Tararua, Masterton, Carterton and South Wairarapa Districts are under a national transition period.
- Each region and district affected by Cyclone Gabrielle has worked with NEMA to determine when they were ready to move into a recovery phase. The national transition period means there is coordination of all-of-government support for local authorities and CDEM Groups leading the local and regional recovery efforts.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. It was first declared on 14 February and extended on 21 February, 28 February and 7 March, before expiring on 14 March.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible. Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities. Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high. When cleaning up silt, use normal low-pressure hoses and brooms to push wet material without making it airborne.



- Do not attempt to burn fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- Conserve water where you are advised to.
- An all-of-government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.
<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

? ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	NCC Intelligence Manager
Report release approved by:	National Controller
Next situation report due at:	1700 hours on 16 March 2023

Please send Agency updates and products to 9(2)(a) and 9(2)(a) for inclusion in NCC Intelligence Products.



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 049

ISSUED AT 17:00 HOURS ON 16 MARCH 2023

Event name:		Declaration status:															
North Island Severe Weather Event January 2023		National Transition Period covering Auckland Carterton District Hawke's Bay Masterton District Northland South Wairarapa District Tairāwhiti Tararua District Waikato															
Activation status:		Time declared:															
Mode 2 Engage		National Transition Period Northland, Auckland, Waikato, and Tararua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023 Masterton, Carterton and Wairarapa Districts: 8:43AM 7 March 2023 – 8:43AM 5 June 2023 Tairāwhiti and Hawke's Bay: 8:43AM 14 March 2023 – 8:43AM 12 June 2023															
Contact:		NEMA NCC Incident Classification:															
Email: 9(2)(a) Phone: 9(2)(a)		Note: This is NEMA's incident classification. <table border="1" style="margin-top: 10px;"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 3</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1" style="margin-top: 10px;"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>			↑	N 3	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 3	S																
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N1	A minor national level response																
N2	A moderate national level response																
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N4	A severe national level response																

Updated information is in *blue text* (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua. This followed significant flooding damage in Auckland in late January 2023.
- On the 14th of February 2023, an official declaration of a State of National Emergency was pronounced, subsequently extending the emergency status on Tuesday the 21st of February, Tuesday the 28th of February, and Tuesday the 7th of March, with each extension lasting an additional seven days. As of the 28th of February, the State of National Emergency concluded for the Bay of Plenty region. On the 3rd of March, the State of National Emergency was concluded in Northland, Auckland, Waikato, and the Tararua District. The State of National Emergency, which encompassed Tairāwhiti and Hawke's Bay, concluded on the 14th of March.
- On Friday 3 March Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District moved into a National Transition Period. As of 7 March Masterton, Carterton and Wairarapa Districts are part of the National Transition Period. As of 14 March, Hawke's Bay and Tairāwhiti are part of the National Transition Period.
- The National Transition Period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The National Transition Period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle and four from the Auckland floods.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As of 13 March, approximately \$62.957 million (up \$0.378 million) of Ministry of Social Development Civil Defence Grants have been paid to 109,725 people (up 438). \$0.376 million was paid on Monday 13 March to 795 people.

Weather

- A complex low pressure system is expected to approach New Zealand from the northwest later today, and then cross the country on Friday and early Saturday. It is expected to bring heavy rain and strong winds for southern and central New Zealand. On Friday it is forecast for rain in the western regions of North Island, mainly on high ground, with moderate to strong northwesterly winds to the east.
- Warnings and Watches are in place over southern and central parts of the country for Heavy Rain and Severe Gales, starting from 4:00PM Thursday through to 11:00PM Friday.

Key Risks and Issues

- In Tairāwhiti and Hawke's Bay, Māori communities have been disproportionately impacted and isolated. Restoring access via the roading network is critical for Māori communities to allow the assessment of the extent of the impact and provide necessary welfare support.
- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular. However, as of 15 March of the total registrations with MBIE TAS (1842), 573 have been cancelled and 183 have been resolved. Of the cancelled and resolved registrations nearly half (48%) are self-exits,

suggesting that the emphasis on getting people registered immediately may have limitations in informing eventual demand for longer-term accommodation.

- Silt and waste removal and clean-up continues to be a significant issue. This has put significant strain on waste removal contractors and waste storage facilities. The NCC and relevant ECCs continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated properties. The Ministry for the Environment is supporting this work. The Scientific Technical Advisory Committee (STAC) has stood up to create a single source of truth for all areas in solid waste management.
- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is multi-agency analysis occurring which will determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation.
- Waka Kotahi continues to send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. Community sentiment remains a concern given the extensive nature of disruptions (this is not limited to land transport infrastructure disruptions) and the ongoing fatigue.
- Psychosocial welfare is likely to have a significant impact on long-term response and recovery plans. This will likely impact vulnerable communities such as Māori and Pacific, RSE workers and the disabled the hardest, especially those who have lost homes or been isolated. Continued support and engagement with these groups through the recovery phase is important to reduce illness and psychosocial trauma.
- As of Tuesday 14 March, there were 753 customers without power in the two remaining impacted regions of Hawke's Bay and Tairāwhiti, with the majority (751) in Hawke's Bay. Several customers have their supply restored but may not be reconnected to a permanent network supply. They may be on temporary generation to enable supply restoration. The network companies will work hard over the coming weeks and months to re-establish the networks and supply people of temporary generation with a permanent network connection.
- From 14 March Civil Defence payments will only be available for people in the following areas: East Coast (Tairāwhiti and Hawke's Bay), Kaipara, Hokianga and Whangārei in Northland, Karekare, Piha, Muriwai and Te Henga in Auckland, and Port Waikato in Waikato, While CD payments are no longer available for the January/February floods or Cyclone Hale, MSD can continue to support people affected by earlier events through existing services like hardship payments, benefits or employment support.



NCC ACTIONS

Actions carried out

- National Action Plan 5.0 covering the operational period 5:00PM 14 March – 5:00PM 22 March 2023 was issued Tuesday 14 March 2023. This Action Plan applies to those regions within the National Transition Period.
- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM Thursday 16 March, there are 40 surge staff currently deployed to CDEM Groups (same as yesterday), of which 39 are in Hawke's Bay and one in Auckland.

- The NCC PIM team has been sharing messages about what support is available, how to stay safe while cleaning up, and have been sharing relevant messages from other agencies.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, have developed an approach to Bailey Bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, and are addressing urgent critical resource/support needs.
- NCC Welfare will reassess the ongoing requirement for NWCG meetings, noting the cancellation of the next planned meeting (16 March). NCC Welfare have also undertaken the following actions:
 - Continuing to provide input to the National Transition to Recovery Report.
 - Continuing to support NCC Policy with financial assurance and funding queries.
 - Continuing to monitor, and provide guidance as required to impacted CDEM Groups.
 - Participating in the AoG accommodation and shelter hui, which aims to integrate delivery solutions across the agencies.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori to help support impacted communities. Iwi and marae are playing a significant role in welfare support. Key outputs for NCC Kaitohutohu include but are not limited to:
 - [Developing and distributing multiple pānui to Māori Communities and Māori communications practitioners. It collates the government's support and resources available for Māori communities in one place.](#)
 - Providing strategic support and advice with colleagues in Wairoa and Hawke's Bay.
 - Seeking resource and expertise to provide Te Tiriti elements to the Risk Management Plan.
 - Assisting in mapping the entire Māori risk landscape using GIS system and creating a Common Operating Picture across all AoG systems that contributes to the geospatial work underway.
- NCC Safety continues to monitor and provide any additional advice/guidance to support NCC functions, CDEM Groups and agency partners.
- NCC Planning continues to develop the draft transition report on behalf of the National Controller, which includes forecasting into what response activities are likely to occur through transition to recovery. NCC Planning are supporting the drafting of the initial Recovery Action Plan.



MULTI-AGENCY ACTIONS AND RESOURCES

- As of 8 March, 30 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 17 Countries/Economies
 - 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- A 14-person team from the US Agency for International Development has deployed to the Hawke's Bay and the National Coordination Centre.
- 220 NZDF personnel are currently deployed which includes NZDF liaison elements embedded in the NCC and in Hastings supporting the Incident Management Team. Two aircraft, two helicopters and more than 65 trucks are deployed. The aircraft are not located in the regions, however, are on priority call to Hawke's Bay and Tairāwhiti as required.

NEMA RECOVERY

- Met with Group Recovery Managers and leads from the affected areas today to discuss the steps ahead
- Assisting in the development of a briefing about the transition to recovery to the CE of the Cyclone Recovery Unit
- Developing the National Response to Recovery Transition Report for review by the National Recovery Manager early next week.
- Providing guidance on the development of the initial Recovery Action Plan.
- Coordinating the (re-)distribution of key guidance documents to stakeholders
- Reviewing local and group response to recovery transition reports to identify issues, risks, and opportunities that could influence the national recovery objectives
- Compiling a list of recovery practitioners across NZ who could fill the systemic staff resource constraints. This will be shared as required.

KEY REGIONAL UPDATES



HAWKE'S BAY

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- Action Plan 19 for the operational period from 5:00PM Tuesday 14 March through until 5:00PM Monday 20 March is now in effect.
- Impacted communities continue to be a priority, including rural Wairoa. There continue to be members of the community who have not been identified and have not come forward for help despite requiring assistance.
- On Friday 10 March, a report was released to close off a welfare outreach programme which had the goal of reconnecting and establishing definitive communications with satellite communities and individual households. A weekly routine sustainment schedule delivering supplies to isolated communities at regular 5-day intervals started on 13 March.
- In Wairoa, Operation Papakāinga has been initiated and led by Māori wardens with approval from Ngāti Pahauwera and supported by GECC. Operation Papakāinga involved visiting Marae and hapori (community) in Putere, Kotemaori, and Mohaka to contact all properties within the identified areas. Zones for communities have been amended and finalised, the schedules have been confirmed and direct communication is happening with the Community Hub Coordinators. Wairoa isolated communities have had five supply drops confirmed for Friday 17 March to Raupunga, Kotemaori, Mohaka, Waihua, Upper Puterere and Kahungunu.
- As of Tuesday 14 March, there are no CDC's open in Napier, Hastings and Central Hawke's Bay. In Wairoa two CDCs remain open, collectively accommodating 17 people overnight on 12 March.

One CLC in Napier accommodated 20 people overnight (6 families, 1 single). One CLC in Hastings remains open, accommodating approximately 30-40 people per night. The Hastings CLC accommodating displaced RSE workers has closed, with the RSE workers moved to alternative accommodation.

- As of 15 March MBIE TAS reports there are 360 (up 13) registered households and 241 (down eight) active households in the Hawke's Bay region.
- As of 5.30PM Wednesday 15 March, 106 (no change) buildings have been issued with red placards and 1,090 (up two) with yellow placards. Rapid building assessments are still occurring in some areas, such as Wairoa and remote areas of Hastings. Reassessments are also occurring in some areas because some buildings could not be adequately assessed due to flooding and hazards or because they required more detailed assessments by professionals.
- The Regional Distribution Centre continues to support the Hawke's Bay Region with food supplies, basic clothing essentials, sanitary items, generators and fuel. Work is underway to transition the Regional Distribution Hub to a more sustainable model and for its relocation. Work continues to reduce non-essential items and improve distribution of perishable stores. There is high demand for perishable food items to be supplied but correct food handling processes are not in place currently so perishable items are not able to be provided. It is hoped perishable items will be able to be delivered in the future.
- There is continued concern among farming communities for the ability to move stock off farm by the end of April, along with receiving building materials such as fencing to repair properties. The Rural Advisory Group continue to engage with these communities and are holding horticulture meetings.

CRITICAL INFRASTRUCTURE

- A cordon remains in place around Awatoto Industrial Estate. Appropriate PPE must be worn to gain access to the site. Te Whatu Ora is providing health advice on health aspects relating to the affected zone. A sampling regime was completed on 9 March. Around 200 samples were taken from residential properties, industrial sites and the public roadway. Results are expected back within the week commencing 13 March.
- The supply and demand of accommodation, for families transitioning from emergency accommodation to temporary accommodation, and for surge staff assisting in response activities, is identified as a key risk.
- Wairoa have lifted fuel limitations for members of the public. There are still concerns around how to deliver/supply isolated communities in Wairoa with fuel.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Waka Kotahi provides a regional State Highway Access map at [Cyclone Gabrielle regional map - Hawke's Bay \(nzta.govt.nz\)](https://www.nzta.govt.nz/cyclone-gabrielle/regional-map-hawkes-bay)
- SH2 remains closed between Napier and Wairoa, and the full re-opening is likely to take several months. The focus is looking at options to provide progressive access, both in terms of opening sections of this road and opening up access to residents and freight.
 - Wairoa south to Tūtira (including Tūtira to Waikare Gorge (north of Putorino) is open under temporary traffic management.
 - Tangoio to Tūtira will be open on Thursday 16 March and Friday 17 March from 7:00AM to 7:00PM to residents, stock movements and essential vehicles only. Traffic management will be in place via a pilot/ convoy system for the section between Arapaoanui Road and Waikoau Hill.
 - SH2 Mōrere (between Wairoa and Gisborne) is open under traffic management and speed restrictions.
- On 28 February a major new underslip occurred on SH5 Napier to Taupō south of Te Pōhue. As of 15 March there is emergency vehicle access available from both sides, as well as local resident

access to the Eskdale to Glengarry portion of SH5. Freight volumes are expected to increase. On the morning of Tuesday 14 March Waka Kotahi-led freight convoy commenced. [The convoys on the 14 March had approximately 50 trucks combined. There continues to be approximately 40-50 trucks per convoy.](#) Two daily convoys (morning and afternoon) from Taupō to Napier will continue through to Friday, 17 March, for operators who need access or leave the Hawke's Bay region. It is for heavy vehicles only, not light vehicles. Safety assessments will be carried out later this week for public access. The aim is to have the road reopened to the public in approximately two to three weeks.

- SH38 from Frasertown to Tuai as of 14 March is open but there are multiple traffic management sites and various speed restrictions in place. The remaining section from Tuai to Aniwaniwa Falls is expected to re-open by Monday, 20 March, initially likely only during daylight hours.
- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi occurred to prioritise Bailey Bridges. [Allocation, provision and building of Bailey Bridges continue be an area of focus for Waka Kotahi.](#)
- The rail line between Hastings and Napier is expected to remain closed for up to six months. Napier to Wairoa is expected to remain closed for some time as the priority is to reopen the line to Napier from Hastings. Inspections on the Napier to Wairoa section of line are ongoing.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- As of 15 March MBIE TAS reports there are [108 \(up three\)](#) registered households and [72 \(up three\)](#) active households.
- As of 15 March, 11 buildings have been issued with red placards and 170 with yellow placards (no change from 8 March).
- MPI Animal Welfare Emergency Management (AWEM) have drafted the Tairāwhiti Operation Reach process and created a handover of the key objectives and actions for the project to provide critical supplies to isolated farms. This is to be handed over for local coordination between local MPI staff and the Tairāwhiti Rural Coordination Group (RCG).
- Food provision is still necessary for isolated communities. A resupply Action Plan has been developed and was activated on 9 March. The purpose of the plan is to provide and operational plan for the resupply to meet basic needs of the isolated whānau, farms and stations, and communities. It is focused on a coordinated approach for the supply of resources by air, sea and road.

CRITICAL INFRASTRUCTURE

- Excess silt in the river at Waingake eliminates the option of emergency extraction from the river, as the water treatment plant cannot cope with that silt. Alternative options are being explored. Ongoing water restrictions will be reviewed before the end of March when treated water is available from Waingake to supplement the Waipaoa supply.
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. The Ihungia-Mata loop road between Tokomaru Bay and Te Puia Springs is open to convoys of 4WD and supply trucks. Tokomaru Bay remains cut off due to Mangahauini Gorge and Hikuwai River Bridge damage. The installation of a Bailey Bridge at Hikuwai commenced on 13 March, following strong support and work from mana whenua and the local community. It is expected the construction will take approximately eight weeks. Recovery

work continues, including the creation of a local bypass road around the Mangahauini debris dam, which is anticipated to be ready by the end of March.

- SH2 (Ōpōtiki to Gisborne) has three significant slip sites. Planned works start today (16 March) under stop/go management and may take two weeks to complete. [The slow slip removal is planned and will be completed by the weekend. Once completed it will be open to two lanes. Waka Kotahi and Downer NZ are working on options to improve the resilience of this highway. Conditions will be monitored to ensure it is suitable and safe to carry all freight and traffic to Gisborne and Wairoa.](#)
- SH2 between Gisborne and the boundary with the Bay of Plenty has potential paving issues due to increased heavy vehicles. Conditions will be monitored to ensure it is suitable and safe to carry all freight and traffic to Gisborne and Wairoa.

NORTHLAND

- Northland have established a recovery structure and have Local Recovery Managers in place at each the three District Councils. The structure includes Māori advice, representation, and accountability at all levels.
- The following four key Recovery priorities have been identified:
 - Community wellbeing (outstanding welfare needs, broader psychosocial support, community work approaches to help build a sense of 'getting through')
 - Critical infrastructure (sorting immediate issues with roads and electricity; doing some longer-term work with the broader Lifelines / critical infrastructure providers on resiliency for future events)
 - Rural Support (with MPI as lead agency: financial support, community dinners, on-farm advice, Enhanced Task Force Green, advocacy, business continuity planning support)
 - Marae Preparedness (enhancing marae's ability to provide water, power, and community manaakitanga during future events).
- Northland CDEM have begun a 'rapid community consultation' project combined with a piece of psychosocial/community practice mahi. This will inform the final Regional Recovery Plan, as well as produce a stand-alone document of stories of community resilience.

AUCKLAND

- As of 5.30PM Wednesday 15 March, [677 \(up 10\)](#) buildings have been issued with red placards, [2,337 \(up 35\)](#) with yellow placards and [4,284 \(up 73\)](#) with white placards (for both January and February weather events).
- As of 15 March MBIE TAS reports there are [1,084 \(up 18\)](#) registered households and [640 \(down 29\)](#) active households in the Auckland region.
- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service agencies. The Welfare Team are proactively reaching out to communities based on regional damage, impact assessments a community reports to assess the need for further support.

- MBIE Temporary Accommodation Services (TAS) supply housing remains an issue. The two main emerging issues are that many Auckland households still need to access the temporary accommodation service and that additional accommodation needs will likely emerge in Muriwai, Piha and Karekare, as well as areas impacted by the Auckland Anniversary Floods such as Mt Roskill, Mangere, Milford, Epsom, Hillsborough and others.
- Cordons continue in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. Muriwai and Karekare are a priority for Auckland Emergency Management. After taking note of community concern a decision was made for the cordon at the Muriwai/ Motutara and Oaia/Waitea intersections to remain until further notice.

WAIKATO

- Waikato's recovery focus will be on continued welfare and operational support to affected communities, and repairs to infrastructure.
- As of 15 March, 20 buildings have been issued with red placards, 40 with yellow placards, and 49 with white placards (no change since 8 March). Waikato District Council are looking to expand their existing designated area due to damage to buildings being discovered further afield. MBIE are assisting the Council, notification has not yet been received.
- Roading remains fragile in parts of the region, in particular the Coromandel Peninsula and Raglan. SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times.
- SH25 Waihi to Whangamatā remains open but reduced to light vehicles only due to a drop out. MPI are managing expectations of transit of primary industry products. SH25 from Hikuai to Opoutere continues to have issues. It will be closed from 10am onwards today (15 March) for stabilisation works. The road will reopen under stop/go traffic management at regular intervals. This is to allow light vehicle access, before closing again and resuming the work.

TARARUA

- Tararua still has multiple local road closures and the Tararua District Council and Tararua Alliance are focusing on repairs.
- The region remains prone to further impacts should severe weather hit in the coming weeks, and already critical infrastructure could be compromised further.
- As of 15 March, 6 buildings have been issued with red placards, 9-13 (reports from MBIE vary intermittently but remain classed as unchanged) with yellow placards, and 9 with white placards (no change from 8 March).



PUBLIC INFORMATION

Public information is being led by local Civil Defence Emergency Management Groups.

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- Northland, Auckland, Waikato, Hawke's Bay and Tairāwhiti regions and the Tararua, Masterton, Carterton and South Wairarapa Districts are under a national transition period.
- Each region and district affected by Cyclone Gabrielle has worked with NEMA to determine when they were ready to move into a recovery phase. The national transition period means there is coordination of all-of-government support for local authorities and CDEM Groups leading the local and regional recovery efforts.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. It was first declared on 14 February and extended on 21 February, 28 February and 7 March, before expiring on 14 March.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible. Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes. Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.
- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities. Airborne dust can affect people's health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high. When cleaning up silt, use normal low-pressure hoses and brooms to push wet material without making it airborne.
- Do not attempt to burn fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- Conserve water where you are advised to.
- An all-of-government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.
<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>



? ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	NCC Intelligence Manager
Report release approved by:	National Controller
Next situation report due at:	1700 hours on 17 March 2023

Please send Agency updates and products to 9(2)(a) and 9(2)(a) for inclusion in NCC Intelligence Products.

Proactively released



NATIONAL EMERGENCY MANAGEMENT AGENCY (NEMA)

NATIONAL COORDINATION CENTRE (NCC)

SITUATION REPORT: 050

ISSUED AT 17:00 HOURS ON 17 MARCH 2023

Event name:	Declaration status:														
North Island Severe Weather Event January 2023	National Transition Period covering Auckland Carterton District Hawke's Bay Masterton District Northland South Wairarapa District Tairāwhiti Tararua District Waikato														
Activation status:	Time declared:														
Mode 2 Engage	National Transition Period Northland, Auckland, Waikato, and Tararua District: 7:56AM 3 March 2023 – 7:56AM 1 June 2023 Masterton, Carterton and Wairarapa Districts: 8:43AM 7 March 2023 – 8:43AM 5 June 2023 Tairāwhiti and Hawke's Bay: 8:43AM 14 March 2023 – 8:43AM 12 June 2023														
Contact:	NEMA NCC Incident Classification:														
Email: 9(2)(a) Phone: 9(2)(a)	<p>Note: This is NEMA's incident classification.</p> <table border="1"> <tr> <td></td> <td style="text-align: center;">↑</td> </tr> <tr> <td style="text-align: center;">N 3</td> <td style="text-align: center;">S</td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> </tr> </table> <table border="1"> <tr> <td>N1</td> <td>A minor national level response</td> </tr> <tr> <td>N2</td> <td>A moderate national level response</td> </tr> <tr> <td>N3</td> <td>A major national level response</td> </tr> <tr> <td>N4</td> <td>A severe national level response</td> </tr> </table>		↑	N 3	S		↓	N1	A minor national level response	N2	A moderate national level response	N3	A major national level response	N4	A severe national level response
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N 3	S														
	↓														
N1	A minor national level response														
N2	A moderate national level response														
N3	A major national level response														
N4	A severe national level response														

Updated information is in *blue text* (Note: this is for accessibility reasons).



SITUATION

Overview

- Cyclone Gabrielle has caused significant impacts to the northern and eastern parts of the North Island, including Northland, Auckland, Bay of Plenty, Waikato, Tairāwhiti, Hawke's Bay and Tararua. This followed significant flooding damage in Auckland in late January 2023.
- On the 14th of February 2023, an official declaration of a State of National Emergency was pronounced, subsequently extending the emergency status on Tuesday the 21st of February, Tuesday the 28th of February, and Tuesday the 7th of March, with each extension lasting an additional seven days. As of the 28th of February, the State of National Emergency concluded for the Bay of Plenty region. On the 3rd of March, the State of National Emergency was concluded in Northland, Auckland, Waikato, and the Tararua District. The State of National Emergency, which encompassed Tairāwhiti and Hawke's Bay, concluded on the 14th of March.
- On Friday 3 March Northland, Auckland, and Waikato Civil Defence Emergency Management Group areas and the Tararua District moved into a National Transition Period. As of 7 March Masterton, Carterton and Wairarapa Districts are part of the National Transition Period. As of 14 March, Hawke's Bay and Tairāwhiti are part of the National Transition Period.
- The National Transition Period provides a more limited set of powers than a state of national emergency. It enables CDEM Groups to keep carrying out necessary activities in the early stages of the recovery, such as clearing roads, disposing of dangerous materials, restoring access to cut-off properties, or making temporary infrastructure repairs. The National Transition Period will be in force for a period of 90 days (unless extended or terminated early).
- There are 11 confirmed fatalities as a result of Cyclone Gabrielle and four from the Auckland floods.
- There have been substantial infrastructure impacts, in particular power, communications, roading, and water. This makes it difficult to coordinate and supply critical resources such as food, fuel, and fresh water to impacted areas and isolated communities. As of 16 March, approximately \$63.810 million (up \$0.853 million) of Ministry of Social Development Civil Defence Grants have been paid to 110,610 people (up 885). \$0.203 million was paid on Thursday 16 March to 423 people. On 16 March the Floodline answered 726 calls.

Weather

- A complex low pressure system will move across New Zealand today and during Saturday. This system is preceded by a strong and moist northerly flow which will bring with it heavy rain and strong winds. It is followed by unsettled west to north westerlies.
- Warnings and Watches are in place for many parts of the country for Heavy Rain and Strong Winds, starting from 9:00AM today through to 11:00AM Saturday. In places the rain is expected to ease this afternoon then re-intensify late evening. For this reason, the Warning for those places has been extended.

Key Risks and Issues

- In Tairāwhiti and Hawke's Bay, Māori communities have been disproportionately impacted and isolated. Restoring access via the roading network is critical for Māori communities to allow the assessment of the extent of the impact and provide necessary welfare support.
- Accommodation shortages in affected areas and a long-term temporary accommodation need is anticipated for the displaced people in Hawke's Bay and Tairāwhiti in particular. However, as of 3:00PM 15 March, 602 of the total registrations with MBIE TAS (1,877) have been cancelled and 296 have been resolved. Out of the total registrations 32% cancelled their registration indicating they have self-exited, were not eligible, returned to their own home were guided to a self-

resolution or were not able to be contacted. This suggests that the emphasis on getting people registered immediately may have limitations in informing eventual demand for longer-term accommodation.

- Silt and waste removal and clean-up continues to be a significant issue. This has put significant strain on waste removal contractors and waste storage facilities. The relevant ECCs continue supporting impacted Councils in developing a clean-up plan for silt and flood inundated properties. The Ministry for the Environment is supporting this work. The Scientific Technical Advisory Committee (STAC) has stood up to create a single source of truth for all areas in solid waste management. [The STAC is likely to move to an 'on demand' function as part of the recovery phase. NEMA will continue to monitor this work through the recovery phase.](#)
- There is significant amount of contaminated flood water and soil/silt across Tairāwhiti and Hawke's Bay which poses a significant health and safety risk. There is multi-agency analysis occurring which will determine the level of contamination in specific areas. Environmental contamination continues to be a significant risk to human health. Microbial contamination of water, food and materials is the most immediate risk. Contamination of water, sediments and debris with toxic substances is a potential risk which needs further assessment for longer-term remediation.
- Waka Kotahi continues to send clear communications to the public and industry on expected timeframes for reopening. Key State Highway routes remain closed to the public. Updated information is available on the Waka Kotahi website <https://www.journeys.nzta.govt.nz/traffic>. Community sentiment remains a concern given the extensive nature of disruptions (this is not limited to land transport infrastructure disruptions) and the ongoing fatigue.
- Psychosocial welfare is likely to have a significant impact on long-term response and recovery plans. This will likely impact vulnerable communities such as Māori and Pacific, RSE workers and the disabled the hardest, especially those who have lost homes or been isolated. Continued support and engagement with these groups through the recovery phase is important to reduce illness and psychosocial trauma.
- Several customers have their supply restored but may not be reconnected to a permanent network supply. They may be on temporary generation to enable supply restoration. The network companies will work hard over the coming weeks and months to re-establish the networks and supply people of temporary generation with a permanent network connection.
- From 14 March Civil Defence payments will only be available for people in the following areas: East Coast (Tairāwhiti and Hawke's Bay), Kaipara, Hokianga and Whangārei in Northland, Karekare, Piha, Muriwai and Te Henga in Auckland, and Port Waikato in Waikato, While CD payments are no longer available for the January/February floods or Cyclone Hale, MSD can continue to support people affected by earlier events through existing services like hardship payments, benefits or employment support.



NCC ACTIONS

Actions carried out

- [Transitioning to Recovery, the NCC will de-activate its response at 6PM Wednesday 22 March.](#)
- [Today \(Friday 17 March\) the NCC is issuing its final Situation Report for this event. Weekly Recovery Status Reports will be issued from next week.](#)
- National Action Plan 5.0 covering the operational period 5:00PM 14 March – 5:00PM 22 March 2023 was issued Tuesday 14 March 2023. This Action Plan applies to those regions within the National Transition Period.

- NCC Logistics continues to facilitate the deployment of staff (NEMA, Emergency Management Assistance Team cadre (EMAT), other CDEM Groups and government agencies) to impacted regions. At 2:30PM [Friday 17 March](#), there are [46](#) surge staff deployed to CDEM Groups, of which [44](#) are in Hawke's Bay, [one](#) in Auckland and [one](#) in Tairāwhiti.
- The NCC PIM team has been sharing messages about what support is available, how to stay safe while cleaning up, and have been sharing relevant messages from other agencies.
- NCC Critical Infrastructure has been focusing on monitoring operational and restoration status of lifelines utilities, have developed an approach to Bailey Bridges restoration prioritisation plan with NCC Planning, Waka Kotahi and NCC Operations, and are addressing urgent critical resource/support needs.
- NCC Welfare will reassess the ongoing requirement for NWCG meetings, noting the cancellation of the next planned meeting (16 March). NCC Welfare have also undertaken the following actions:
 - Continuing to provide input to the National Transition to Recovery Report.
 - Continuing to support NCC Policy with financial assurance and funding queries.
 - Continuing to monitor, and provide guidance as required to impacted CDEM Groups.
 - Participating in the AoG accommodation and shelter hui, which aims to integrate delivery solutions across the agencies.
- NCC Kaitohutohu has received offers of support and resources from iwi/Māori to help support impacted communities. Iwi and marae are playing a significant role in welfare support. [An initial Ministerial Advisory Committee hui has been held and work is underway to understand expectations in collaborating, to best utilise Kaitohutohu expertise.](#) Key outputs for NCC Kaitohutohu include but are not limited to:
 - Developing and distributing multiple pānui to Māori Communities and Māori communications practitioners. It collates the government's support and resources available for Māori communities in one place. [Pānui 4.0 was distributed on 16 March, detailing most recent funds and initiatives.](#)
 - [Engaging across multiple agencies with Māori response and recovery focus, the Māori Science Community and Crown Research Institutes, to enable coordination and collaboration.](#)
 - Assisting in mapping the entire Māori risk landscape using GIS system and creating a Common Operating Picture across all AoG systems that contributes to the geospatial work underway.
- NCC Safety continues to monitor and provide any additional advice/guidance to support NCC functions, CDEM Groups and agency partners.
- NCC Planning will undertake the following actions:
 - [Publish the Response to Recovery Transition Report](#) on behalf of the National Controller, next week. This includes forecasting into what response activities are likely to occur through transition to recovery.
 - Support the drafting of the initial Recovery Action Plan.
 - [Continue to support Waka Kotahi with the scheduling of Bailey Bridges.](#)
 - [Support NEMA Policy on the creation of a fact sheet on the Severe Weather Emergency Legislation Bill.](#)



MULTI-AGENCY ACTIONS AND RESOURCES

- As of 8 March, 30 offers of international assistance have been received and are being worked through. These offers of assistance can be differentiated into two categories:
 - 17 Countries/Economies
 - 13 Individuals/Businesses/Non-Governmental Organisations (NGOs)
- A 14-person team from the US Agency for International Development has deployed to the Hawke's Bay and the National Coordination Centre.
- 220 NZDF personnel are currently deployed which includes NZDF liaison elements embedded in the NCC and in Hastings supporting the Incident Management Team. Two aircraft, two helicopters and more than 65 trucks are deployed. The aircraft are not located in the regions, however, are on priority call to Hawke's Bay and Tairāwhiti as required.



NEMA RECOVERY

- Provided information to Ministers on key contacts across the affected CDEM groups and historical examples of Recovery Action Plans for their general awareness
- Met with Group Recovery Managers, Council execs and leads from the affected areas to discuss the steps ahead
- Assisting in the development of a briefing about the transition to recovery to the CE of the Cyclone Recovery Unit
- Developing the National Response to Recovery Transition Report for review by the National Recovery Manager early next week.
- Providing guidance on the development of the initial Recovery Action Plan.
- Reviewing local and group response to recovery transition reports to identify issues, risks, and opportunities that could influence the national recovery objectives

KEY REGIONAL UPDATES



HAWKE'S BAY

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- Action Plan 19 for the operational period from 5:00PM Tuesday 14 March through until 5:00PM Monday 20 March is now in effect.
- Impacted communities continue to be a priority, including rural Wairoa. [Remaining isolated communities in Wairoa could require additional resources once they are identified.](#) Planning

continues for a reconnaissance operation into Wairoa isolated areas. The intention is to have three teams tasked into the field consisting of Māori Wardens, NZDF personnel and other required clinical professions.

- On Friday 10 March, a report was released to close off a welfare outreach programme which had the goal of reconnecting and establishing definitive communications with satellite communities and individual households. A weekly routine sustainment schedule delivering supplies to isolated communities at regular 5-day intervals started on 13 March.
- In Wairoa, Operation Papakāinga has been initiated and led by Māori Wardens with approval from Ngāti Pahauwera and supported by GECC. Operation Papakāinga involved visiting Marae and hāpori (community) in Putere, Kotemaori, and Mohaka to contact all properties within the identified areas. Zones for communities have been amended and finalised, the schedules have been confirmed and direct communication is happening with the Community Hub Coordinators. Wairoa isolated communities have had five supply drops confirmed for Friday 17 March to Raupunga, Kotemaori, Mohaka, Waihua, Upper Puterere and Kahungunu.
- As of Tuesday 14 March, there are no CDC's open in Napier, Hastings and Central Hawke's Bay. In Wairoa two CDCs remain open, collectively accommodating 17 people overnight on 12 March. One CLC in Hastings remains open, the number of people being accommodated fluctuates depending on the movements of those staying.
- As of 16 March MBIE TAS reports there are 376 (up 16) registered households and 233 (down eight) active households in the Hawke's Bay region.
- As of 8.30AM Friday 17 March, 107 (up one) buildings have been issued with red placards and 1,095 (up five) with yellow placards. Rapid building assessments are still occurring in some areas, such as Wairoa and remote areas of Hastings. Reassessments are also occurring in some areas because some buildings could not be adequately assessed due to flooding and hazards or because they required more detailed assessments by professionals.
- The Regional Distribution Centre continues to support the Hawke's Bay Region with food supplies, basic clothing essentials, sanitary items, generators and fuel. Work is underway to transition the Regional Distribution Hub to a more sustainable model and for its relocation. Work continues to reduce non-essential items and improve distribution of perishable stores. There is high demand for perishable food items to be supplied but correct food handling processes are not in place currently so perishable items are not able to be provided. It is hoped perishable items will be able to be delivered in the future.
- There is continued concern among farming communities for the ability to move stock off farm by the end of April, along with receiving building materials such as fencing to repair properties. MPI reports as of Thursday 16 March stock are being transported out of Tutira and Putorino.

CRITICAL INFRASTRUCTURE

- A cordon remains in place around Awatoto Industrial Estate. Appropriate PPE must be worn to gain access to the site. Te Whatu Ora is providing health advice on health aspects relating to the affected zone. A sampling regime was completed on 9 March. Around 200 samples were taken from residential properties, industrial sites and the public roadway. The results from this activity are still outstanding.
- The supply and demand of accommodation, for families transitioning from emergency accommodation to temporary accommodation, and for surge staff assisting in response activities, is identified as a key risk.
- Wairoa have lifted fuel limitations for members of the public. There are still concerns around how to deliver/supply isolated communities in Wairoa with fuel.
- There is significant damage to several state highways in the region (and extending into Tairāwhiti). Waka Kotahi provides a regional State Highway Access map at [Cyclone Gabrielle regional map - Hawke's Bay \(nzta.govt.nz\)](https://www.nzta.govt.nz/cyclone-gabrielle/regional-map-hawkes-bay)



- SH2 remains closed between Napier and Wairoa, and the full re-opening is likely to take several months. The focus is looking at options to provide progressive access, both in terms of opening sections of this road and opening up access to residents and freight.
 - Wairoa south to Tūtira (including Tūtira to Waikare Gorge (north of Putorino) is open under temporary traffic management.
 - Tangoio to Tūtira will be open on Thursday 16 March and Friday 17 March from 7:00AM to 7:00PM to residents, stock movements and essential vehicles only. Traffic management will be in place via a pilot/ convoy system for the section between Arapaoanui Road and Waikoau Hill. From Monday (week commencing 20 March) the road will be available for use from 7:00AM-8:00AM, 12:00PM-1:00PM and 4:00PM-5:00PM, with Tuesday available all day.
 - SH2 Mōrere (between Wairoa and Gisborne) is open under traffic management and speed restrictions.
 - On 28 February a major new underslip occurred on SH5 Napier to Taupō south of Te Pōhue. SH5 Napier to Taupō is due to open on Monday 20 March from 7:00AM-7:00PM. There will be controlled closures at night. The road and surrounding environment remain fragile. The risk of slips is still high, especially during heavy rain. The road may be closed at short notice due to road vulnerability. Today (17 March) is the last day of the two daily convoys (morning and afternoon) from Taupō to Napier for operators who need access or leave the Hawke's Bay region.
- SH38 from Frasertown to Tuai as of 14 March is open but there are multiple traffic management sites and various speed restrictions in place. The remaining section from Tuai to Aniwaniwa Falls is expected to re-open by Monday, 20 March, initially likely only during daylight hours.
- Coordination between Hawke's Bay Group Lifelines Utilities Coordination, Hastings District Council and Waka Kotahi occurred to prioritise Bailey Bridges. Allocation, provision and building of Bailey Bridges continue to be an area of focus for Waka Kotahi.
- A low level crossing has been constructed in Tūtira, allowing work to commence on Moeangiangi Bailey Bridge on Waikare Road.
- The rail line between Hastings and Napier is expected to remain closed for up to six months. Napier to Wairoa is expected to remain closed for some time as the priority is to reopen the line to Napier from Hastings. Inspections on the Napier to Wairoa section of line are ongoing.

TAIRĀWHITI

Activation Status	CDEM Group ECC activated.
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AFFECTED COMMUNITIES

- As of 16 March MBIE TAS reports there are 110 (up two) registered households and 75 (up three) active households.
- As of 8:30AM 17 March, 21 (up 10) buildings have been issued with red placards and 203 with yellow placards (up 33).
- MPI Animal Welfare Emergency Management (AWEM) have drafted the Tairāwhiti Operation Reach process and created a handover of the key objectives and actions for the project to provide critical supplies to isolated farms. This is to be handed over for local coordination between local MPI staff and the Tairāwhiti Rural Coordination Group (RCG).

- Food provision is still necessary for isolated communities. A resupply Action Plan has been developed and was activated on 9 March. The purpose of the plan is to provide an operational plan for the resupply to meet basic needs of the isolated whānau, farms and stations, and communities. It is focused on a coordinated approach for the supply of resources by air, sea and road.

CRITICAL INFRASTRUCTURE

- Excess silt in the river at Waingake eliminates the option of emergency extraction from the river, as the water treatment plant cannot cope with that silt. Alternative options are being explored. Ongoing water restrictions will be reviewed before the end of March when treated water is available from Waingake to supplement the Waipaoa supply.
- SH35 from Tolaga to Tokomaru Bay is in good condition apart from two key areas – the Hikuwai Bridge and Mangahauini Gorge. The Ihungia-Mata loop road between Tokomaru Bay and Te Puia Springs is open to convoys of 4WD and supply trucks. Tokomaru Bay remains cut off due to Mangahauini Gorge and Hikuwai River Bridge damage. The installation of a Bailey Bridge at Hikuwai commenced on 13 March, following strong support and work from mana whenua and the local community. It is expected the construction will take approximately eight weeks. Recovery work continues, including the creation of a local bypass road around the Mangahauini debris dam, which is anticipated to be ready by the end of March.
- SH2 (Ōpōtiki to Gisborne) has three significant slip sites. Planned works started 16 March under stop/go management and may take two weeks to complete. The slow slip removal is planned and will be completed by the weekend. Once completed it will be open to two lanes. Waka Kotahi and Downer NZ are working on options to improve the resilience of this highway. Conditions will be monitored to ensure it is suitable and safe to carry all freight and traffic to Gisborne and Wairoa.
- SH2 between Gisborne and the boundary with the Bay of Plenty has potential paving issues due to increased heavy vehicles. Conditions will be monitored to ensure it is suitable and safe to carry all freight and traffic to Gisborne and Wairoa.

NORTHLAND

- Northland have established a recovery structure and have Local Recovery Managers in place at each the three District Councils. The structure includes Māori advice, representation, and accountability at all levels.
- The following four key Recovery priorities have been identified:
 - Community wellbeing (outstanding welfare needs, broader psychosocial support, community work approaches to help build a sense of 'getting through')
 - Critical infrastructure (sorting immediate issues with roads and electricity; doing some longer-term work with the broader Lifelines / critical infrastructure providers on resiliency for future events)
 - Rural Support (with MPI as lead agency: financial support, community dinners, on-farm advice, Enhanced Task Force Green, advocacy, business continuity planning support)
 - Marae Preparedness (enhancing marae's ability to provide water, power, and community manaakitanga during future events).
- Northland CDEM have begun a 'rapid community consultation' project combined with a piece of psychosocial/community practice mahi. This will inform the final Regional Recovery Plan, as well as produce a stand-alone document of stories of community resilience.

- Freight companies have requested that convoys be considered through SH1 as the kiwifruit harvest has begun. This could reduce already anticipated economic losses for growers in Northland.

AUCKLAND

- As of 8.30AM Friday 17 March, 677 (no change) buildings have been issued with red placards, 2,342 (up five) with yellow placards and 4,288 (up four) with white placards (for both January and February weather events).
- As of 16 March MBIE TAS reports there are 1,101 (up 17) registered households and 623 (down 17) active households in the Auckland region.
- Complex welfare cases are now emerging across Auckland, but the Auckland Welfare Coordination Group has a referral process, which is being addressed across social service agencies. The Welfare Team are proactively reaching out to communities based on regional damage, impact assessments a community reports to assess the need for further support.
- MBIE Temporary Accommodation Services (TAS) supply housing remains an issue. The two main emerging issues are that many Auckland households still need to access the temporary accommodation service and that additional accommodation needs will likely emerge in Muriwai, Piha and Karekare, as well as areas impacted by the Auckland Anniversary Floods such as Mt Roskill, Mangere, Milford, Epsom, Hillsborough and others.
- Cordons continue in place at Muriwai and Piha/Karekare, allowing access for residents and essential personnel only. Muriwai and Karekare are a priority for Auckland Emergency Management. After taking note of community concern a decision was made for the cordon at the Muriwai/ Motutara and Oaia/Waitea intersections to remain until further notice. A managed Temporary Access Plan was approved for Muriwai residents where it is safe to do so.
- Puhoi is reported to have significant levels of situational distress and feelings of abandonment. There are reports of many people too fearful to use the road and consequently there are concerns about isolation and associated psychosocial impacts. A slip between Puhoi and Ahuroa has significantly impacted access. Due to this people are experience disconnect from support networks, employment, and education.

WAIKATO

- Waikato's recovery focus will be on continued welfare and operational support to affected communities, and repairs to infrastructure.
- As of 17 March, 20 buildings have been issued with red placards, 40 with yellow placards, and 49 with white placards (no change since 8 March). Waikato District Council are looking to expand their existing designated area due to damage to buildings being discovered further afield. MBIE are assisting the Council, notification has not yet been received.
- Roading remains fragile in parts of the region, in particular the Coromandel Peninsula and Raglan. SH25A from Kopu to Hikuai will likely be closed to traffic for 12 months while repairs are conducted adding approximately one hour to travel times.

- SH25 Waihi to Whangamatā remains open but reduced to light vehicles only due to a drop out. MPI are managing expectations of transit of primary industry products. SH25 from Hikuai to Opoutere continues to have issues. It will be closed from 10am onwards 15 March for stabilisation works. The road will reopen under stop/go traffic management at regular intervals. This is to allow light vehicle access, before closing again and resuming the work.

TARARUA

- Tararua still has multiple local road closures and the Tararua District Council and Tararua Alliance are focusing on repairs.
- The region remains prone to further impacts should severe weather hit in the coming weeks, and already critical infrastructure could be compromised further.
- As of 15 March, 6 buildings have been issued with red placards, 9-13 (reports from MBIE vary intermittently but remain classed as unchanged) with yellow placards, and 9 with white placards (no change from 8 March).



PUBLIC INFORMATION

Public information is being led by local Civil Defence Emergency Management Groups.

Talking points

- Keep up to date with MetService's latest weather warnings and watches and follow your local Civil Defence Emergency Management Group on their social channels for local updates.
- Monetary donations are the single most helpful thing kiwis can do right now. There are many relief funds which are gratefully receiving donations. Details of the Cyclone Gabrielle mayoral relief funds are available at www.civildefence.govt.nz
- Northland, Auckland, Waikato, Hawke's Bay and Tairāwhiti regions and the Tararua, Masterton, Carterton and South Wairarapa Districts are under a national transition period.
- Each region and district affected by Cyclone Gabrielle has worked with NEMA to determine when they were ready to move into a recovery phase. The national transition period means there is coordination of all-of-government support for local authorities and CDEM Groups leading the local and regional recovery efforts.
- This is only the third time in New Zealand's history that a State of National Emergency has been declared. It was first declared on 14 February and extended on 21 February, 28 February and 7 March, before expiring on 14 March.

Public safety messages

- Floodwaters may contain sewage, chemicals and other hazardous materials and should be avoided as much as possible. Protect yourself when cleaning up flood water and mud by wearing a properly fitted P2- or N95-rated mask, goggles, gloves, long pants, long-sleeved shirt, and gumboots or work shoes.
- Throw away all food and drinking water that has come in contact with floodwater. Do not eat garden produce if the soil has been flooded.



- Flood waters have deposited large quantities of silt. When the silt dries the surface layer can become airborne when disturbed by wind, vehicles or clean-up activities. Airborne dust can affect people’s health and cause eye irritations, a cough, exacerbate asthma or lead to other respiratory problems. Silt may also contain other toxic substances.
- If practical, remove silt deposits as quickly as possible and take safety precautions, including wearing appropriate PPE, slow down when driving over silt, and staying indoors when dust levels are high. When cleaning up silt, use normal low-pressure hoses and brooms to push wet material without making it airborne.
- Do not attempt to burn fencing and building materials, tyres, plastics, electronics, oils and lubricants as they can release toxic substances into the air, soil and waterways including public drinking water supplies.
- If mould has developed on surfaces, wear protective clothing and a mask and clean as soon as possible with soap and water and then apply a commercial mould product or household bleach solution.
- Remember to wash and dry your hands and/or use hand sanitiser after doing any clean-up work.
- Conserve water where you are advised to.
- An all-of-government factsheet has been published describing support and assistance available to the public. It has been translated into multiple languages.
<https://www.civildefence.govt.nz/resources/news-and-events/news-and-events/cyclone-gabrielle-february-2023/>

? ADDITIONAL INFORMATION

For further information:

- <https://www.civildefence.govt.nz/>
- <https://www.metservice.com/warnings/home>

Report prepared by:	NCC Intelligence
Report approved by:	NCC Intelligence Manager
Report release approved by:	National Controller
Next situation report due at:	This is the final situation report

Please send further Agency updates and products to 9(2)(a)