

MINO-3942: Update on current weather event

23 August 2022

Provide an update on the current weather event across New Zealand.

Waka Kotahi NZ Transport Agency's response:

Our team continue to do a great job at responding to the event in challenging circumstances, noting that the situation is now stabilising. However, while the land is still drying out, more in-depth site assessments will reveal the full extent of damage. Waka Kotahi is monitoring predicted rain forecast for later in the week, but today's forecast rain has not had any significant impacts.

Emergency Response across New Zealand

- Regions currently operating under Civil Defence Emergency Management (CDEM):
 - Marlborough (extended until 28 August at least).
 - Nelson (extended for another 7 days).
- The Regional Emergency Response Team (RERT) has seen a transition of people.
- The cost estimates have yet to be established, but it will be significant.

Update across regions

Nelson

West (Golden Bay)

- SH 60 – Richmond to Collingwood – the network is open but there are a lot of impacts. The main risk is Birds Hill which is only open to light traffic due to a significant underslip and current ground conditions (between Takaka & Collingwood and impacting ~30 dairy farms, with need to get milk out). There will be intermittent closures over the next day or so as options for heavy vehicle access are considered.

South

- SH 6 – opened (Brightwater to Murchison) and currently the only secure road route in and out of the Nelson Region.

East

- SH 6 Nelson to Blenheim – sustained significant damage at various locations. However, good progress has been made with crews having got through the route. Clean up is continuing with a focus to restore at least one lane. We expect to provide a further update later this week.

Central Business District

- SH 6 Rocks Rd remains closed however, following Emergency Operations Centre and geotechnical advice, we are hoping to open at some stage today (albeit one lane with significant restrictions).
- SH 6 Atawhai (northern fringe of urban area) is open to two lanes to allow residential access through to Hira.

Marlborough

- SH 1 Picton and Blenheim are open.
- SH 63 – once water levels drop, crews will confirm road conditions (ie surface damage) and programme a bridge approach which has washed away. Waka Kotahi is expecting to know more on a possible opening timeline over the next few days. Note: there is a key fibre that has been damaged along this route which will be important to fix along with road repairs.
- Outer Sounds local roads have sustained significant damage (estimated scale is similar, or worse, than July 2021). While all roads are closed, we are hoping to open Queen Charlotte Drive later this week. There will be communities isolated with no road access for some time. CDEM is arranging air or water access. Please refer to *Appendix A* for related images.

Wellington

- SH 59 north of Pukerua Bay is closed and will likely remain that way for several weeks. A moderate knoll above the roadside has a significant crack and there are concerns over more land slippage. Waka Kotahi is currently assessing volumes of material and benching options. Once the volume is determined, a timeline will be confirmed (Transmission Gully is providing an alternative secure north/south access route).

Northland

- SH 1 through the Mangamuka's remains closed due to the extent of damage. This is likely to remain in place for a number of weeks due to soft ground conditions and ongoing land movement. Please refer to the below image.





Subsidence 1, almost at sea-level.



Subsidence's 2,3,4 seen from the sea side.



Subsidence 2 – photo 1



Subsidence 2 – photo 2



Subsidence 2 – photo 3



Subsidence 2 – photo 4



Slip 1



Subsidence 3 – photo 1



Subsidence 3 – photo 2



Subsidence 4 – photo 1



Subsidence 4 – photo 2



Subsidence 4 – photo 3