



CRITCHLOW

NationalMap

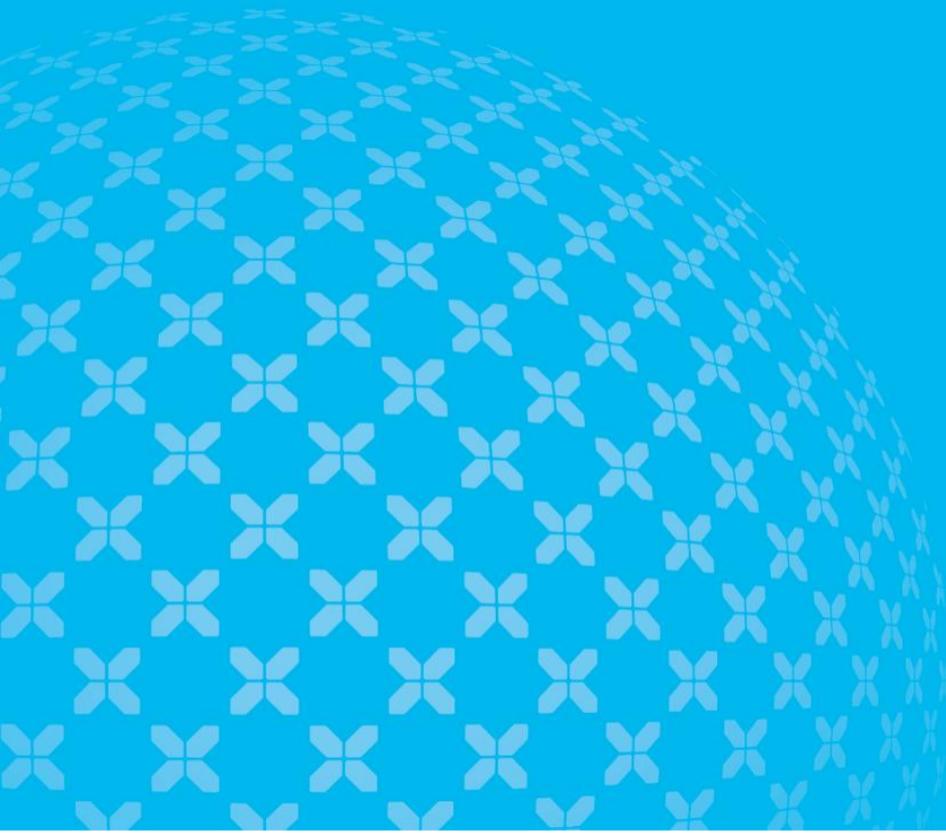
RELEASE NOTES OVERVIEW

APRIL 2017

Over 80% of business data has a strong location element. This location content can unleash a great deal more potential than examining the data on its own.

The data in NationalMap is continuously reviewed and improved by our dedicated team of data analysts. They use various sources to improve and validate the data that is supplied to you.

The following section describes the changes and improvements we have made to NationalMap since the previous release.



WHAT'S NEW in April 2017 release

Features and Changes

Ongoing maintenance has seen a number of revisions to the data which goes into NationalMap. These include the addition of newly opened roads, ongoing positional accuracy improvements, and a review of contextual and POI (points of interest) data.

Roads

As part of our ongoing maintenance, we are continuously reviewing our road network in conjunction with district and city councils, the NZTA, RAMM¹ Software Ltd, and LINZ. This has resulted in considerable improvements in both road alignment and attribution.

The following table provides a high level overview of changes made in the last six months:

Change or alteration	From Oct 16 to Apr 17	From Apr 16 to Oct 16	From Oct 15 to Apr 16
Number of new roads	705	1312	1532
Number of roads with road name alterations	166	110	240
Number of roads with speed limit alterations	506	800	450
Number of roads with positional accuracy improvements	23371	37950	22523

From the previous NationalMap supply, we have carried out a number of reviews, most notably:

Significant roads made live in this release include:

- Kapiti Expressway north of Wellington
- Waterview Connection in Auckland

A continuation of our **positional accuracy improvement review** project. To now cover arterial roads for the entire country and all roads for the 53 following local authority areas: Auckland, Thames-Coromandel, Hauraki, Waikato, Matamata-Piako, Hamilton, Waipa, Otorohanga, South Waikato, Taupo, Western Bay of Plenty, Tauranga, Rotorua, Whakatane, Kawerau, Opotiki, Napier, New Plymouth, Stratford, South Taranaki, Wanganui, Rangitikei, Manawatu, Palmerston North, Horowhenua, Kapiti Coast, Porirua, Upper Hutt, Lower Hutt, Wellington, Masterton, Carterton, South Wairarapa, Nelson, Marlborough, Kaikoura, Buller, Grey, Westland, Hurunui, Waimakariri, Christchurch, Selwyn, Ashburton, Timaru,

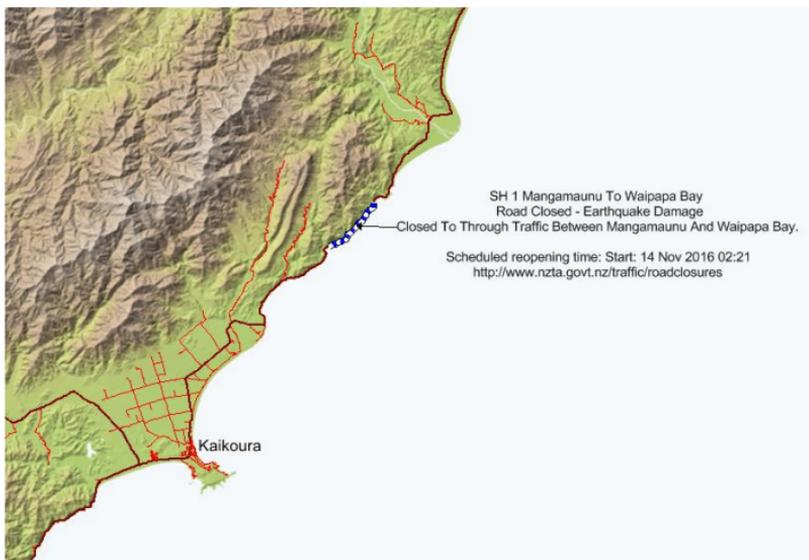
¹ Road Assessment and Maintenance Management

Mackenzie, Waimate, Waitaki, Central Otago, Dunedin, Clutha, Gore, and Invercargill. This review includes:

- Improved Junction geometry
- Improved Real world alignment (aligned to within 2 metres of real world position)
- Improved Network Connectivity
- Improved Network routing attribution (one way roads and turn restrictions)

This review is due for completion of the whole country by July .

In the light of the **Kaikoura Earthquakes** in November 2016, an 11km section of State Highway One north of Kaikoura Township is closed for repairs, and is expected to re-open on 14th November 2017. In NationalMap this section of highway has been disconnected from the rest of the network so that in routing applications it will be ignored.



Motorway Junctions

A review of motorway junctions has seen an additional 26 junctions added.

Christchurch

A review of roads & walkways in the Christchurch CBD area in

line with advice from the Christchurch City Rebuild.

The Earthquake “Red zoned” areas are now included in the Parks’ table

A review of the parks and reserves around the Christchurch Port Hills area, due to the recent fire events there.

Retail Areas and Shopping Areas

A review of the Retail Areas was completed to check the validity of existing areas and add new areas that met the requirements.

A complete review of the Shopping Centres was completed. This refined the requirements for capturing shopping centres and also updated the data with the latest shopping centres at the time.



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