



## Irrigated land area, raw, 2020 update

Title	Irrigated_land_area_2020_metadata
Creator	Aqualinc Research Limited
Date	2020-09-09
Date	2021-04-15
Description	<p>The spatial data covers all mainland regions of New Zealand, with the exception of Nelson, which is not believed to contain significant irrigated areas. The spatial dataset is an update of the national dataset that was first created in 2017. The current update has incorporated data from the 2019 - 2020 irrigation season. The methodology that we have used to update the irrigated land dataset incorporates multiple lines of evidence, combined with expert judgement. We have integrated a number of sources of spatial data, including aerial and satellite imagery, and a national dataset of resource consents for water takes. The total mapped areas have been compared to the 2017 Agricultural Production Statistics. This provides a partial benchmark of the dataset, but cannot be relied on completely due to the time-lag between the two datasets, and the difference in methodologies. The methodology used to create the dataset is described in a report: Dark A, 2020. National Irrigated Land Spatial Dataset: 2020 Update. Ministry for the Environment, RD21004-1. Aqualinc Research Limited. type: Irrigation land system notes: Comments on issues that may affect accuracy; notes about the system type; unusual consented rates, etc. area_ha: Mapped area in hectares confidence: Qualitative confidence in the mapped area year_irr: Year that mapping best represents (typically the year of the most recent aerial / satellite imagery dataset) yearmapped: Year that mapping was completed status: Current = most recent estimate; Superseded = previous estimate (system changed or input data has allowed more accurate mapping) More information on the datasets methodology can be found at <a href="https://environment.govt.nz/publications/national-irrigated-land-spatial-dataset-2020-update">https://environment.govt.nz/publications/national-irrigated-land-spatial-dataset-2020-update</a></p>
Source	<p>Dataset contracted to Aqualinc Research Limited, was procured by the Ministry for the Environment. More information on the datasets methodology can be found at <a href="https://environment.govt.nz/publications/national-irrigated-land-spatial-dataset-2020-update">https://environment.govt.nz/publications/national-irrigated-land-spatial-dataset-2020-update</a></p>
Coverage	-46.457183 167.575749 -34.6060927 178.930253
Identifier	<a href="https://data.mfe.govt.nz/layer/105407-irrigated-land-area-raw-2020-update/">https://data.mfe.govt.nz/layer/105407-irrigated-land-area-raw-2020-update/</a>
Language	eng
Subject	New Zealand
Subject	AGRICULTURE-Irrigation
Subject	WATER-Supply
Subject	farming

Subject  
| location

Subject  
| inlandWaters

Subject  
| economy