

NZ 10m Satellite Imagery (2018-2019)

Title

NZ 10m Satellite Imagery (2018-2019)

Creator

LINZ - Land Information New Zealand

Date

2019

Description

This dataset provides a seamless cloud-free 10m resolution satellite imagery layer of the New Zealand mainland and offshore islands. The imagery was captured by the European Space Agency Sentinel-2 satellites between September 2018 - April 2019. ****Technical specifications**** It comprises 450 x ortho-rectified RGB GeoTIFF images in NZTM projection, tiled into the LINZ Standard 1:50,000 tile layout. - Satellite sensors: ESA Sentinel-2A and Sentinel-2B - Acquisition dates: September 2018 - April 2019 - Spectral resolution: R, G, B - Spatial resolution: 10 meters - Radiometric resolution: 8-bits (downsampled from 12-bits) This is a visual product only. The data has been downsampled from 12-bits to 8-bits, and the original values of the images have been modified for visualisation purposes. If you require the 12-bit imagery (R, G, B, NIR bands), send your request to eo@linz.govt.nz

Source

The satellite imagery mosaic was created by the European company Sinergise that owns and operates the Sentinel Hub (www.sentinel-hub.com). The producers have used the cloud-free images recorded by ESA Sentinel-2A and -2B satellites between September 2018 - April 2019. This dataset is only a visual product, meaning that the actual values of the satellite images have not been maintained when the mosaic was created. The values of the data have been downsampled from 12-bit (the actual radiometric resolution of Sentinel-2 sensors) to 8-bit (the resolution of the data available for download). If you require the four bands with actual values (R, G, B and NIR, at 12-bit radiometric resolution) contact us at eo@linz.govt.nz and we will send you a download link.

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Coverage

-47.5345306863 166.315748552 -34.0291036195 178.6357959

Coverage

northlimit=-34.0291036195;eastlimit=178.6357959;southlimit=-47.5345306863;westlimit=166.315748552

Identifier

<https://data.linz.govt.nz/layer/103539-nz-10m-satellite-imagery-2018-2019/>

Type

grid

Language

eng

Subject

| New Zealand
Subject

| imageryBaseMapsEarthCover