



NZ 10m Satellite Imagery (2020-2021)

Title	NZ 10m Satellite Imagery (2020-2021)
Creator	Toitū Te Whenua Land Information New Zealand
Date	2021
Description	<p>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 2020 - April 2021. **Technical specifications:** - 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 2020 - April 2021 - 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.</p>
Source	<p>Project Description: 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 2020 - April 2021. 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).</p>
Coverage	-47.53453068631424 166.31574855165852 -34.02910361946036 178.6357959004545
Identifier	https://data.linz.govt.nz/layer/106279-nz-10m-satellite-imagery-2020-2021/
Type	grid
Language	eng
Subject	New Zealand
Subject	imageryBaseMapsEarthCover