



Sentinel2 2020 Mainland NZ Footprints

Title
MFE ANZLIC Sentinel2 2020 Mainland NZ Footprints

Creator
LUCAS, Ministry for the Environment

Publisher
LUCAS, Ministry for the Environment

Date
2020-06-15

Date
2020-07-31

Description
INDEX ONLY: These footprints are the index for the 'Sentinel2 2020 Mainland NZ' mosaic. It has been provided to enable users to explore coverage and capture dates of the component imagery. To enquire about ordering the imagery itself, please e-mail lucas[at]mfe.govt.nz. The imagery represented is a 10m, ten-band multispectral, cloud-minimised mosaic of Sentinel 2A and 2B satellite tiles over mainland New Zealand made from scenes captured late-2019/early-2020.

Source
Component ortho-rectified Sentinel 2A and 2B tiles in UTM projection were sourced from the European Space Agency (ESA). Bands: 1 ("B2" 490nm), 2 ("B3" 560nm), 3 ("B4" 665nm), 4 ("B5" 705nm), 5 ("B6" 740nm), 6 ("B7" 783nm), 7 ("B8" 842nm), 8 ("B8a" 865nm), 9 ("B11" 1610nm), 10 ("B12" 2190nm) Note: All bands not already 10m resolution are pan-sharpened to 10m from nominal 20m. Pan-sharpening, conversion to NZGD2000 New Zealand Transverse Mercator projection, atmospheric correction, BRDF correction, cloud-clearing, date-prioritising and cloud-minimised mosaicking completed by Manaaki Whenua - Landcare Research. Footprints were derived by vectorising (simplified) the mosaic's raster control mask using Esri ArcGIS.

Coverage
-47.655 166.154 -33.908 179.741

Format
unspecified

Type
grid

Language
eng

Subject
New Zealand

Subject
LAND-Use

Subject
LAND-Cover

Subject
PHOTOGRAPHY-AND-IMAGERY-Satellite

Subject
FORESTS

Subject
imageryBaseMapsEarthCover