

NZ 10m Satellite Imagery (2021-2022)

Metadata

File Identifier

cb1e934b-86ac-4ce9-8044-4aa59808c29e

Language

eng

Character Set

Character Set Code

utf8

Hierarchy Level

Scope Code

dataset

Hierarchy Level Name

dataset

Contact

Responsible Party

Organisation Name

Toitū Te Whenua Land Information New Zealand

Position Name

National Imagery Manager

Contact Info

Contact

Phone

Telephone

Voice

04 4600110

Address

Address

Delivery Point

155 The Terrace

City

Wellington

Postal Code

6011

Country

New Zealand

Electronic Mail Address

customersupport@linz.govt.nz

Role

Role Code

pointOfContact

Date Stamp

Date

2022-06-30

Metadata Standard Name

ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata

Metadata Standard Version

1.1

Reference System Info

Reference System

Reference System Identifier

Identifier

Code

2193

Identification Info

Data Identification

Citation

Citation

Title

NZ 10m Satellite Imagery (2021-2022)

Date

Abstract

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 2021 - April 2022. **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 2021 - April 2022 - 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.

Status

Progress Code

completed

Point Of Contact

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pointOfContact

Resource Maintenance

Maintenance Information

Maintenance And Update Frequency

Maintenance Frequency Code

notPlanned

Resource Format

Format

Name

*.xml

Version

Unknown

Resource Constraints

Security Constraints

Classification

Classification Code

unclassified

Resource Constraints

Legal Constraints

Use Limitation

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Use Constraints

Restriction Code

copyright

Resource Constraints

Legal Constraints

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Use Constraints
Restriction Code
license

Spatial Representation Type Code
grid

Representative Fraction
Denominator
Integer
50000

Language
eng

Character Set
Character Set Code
utf8

Topic Category Code
imageryBaseMapsEarthCover

Extent
EX_ Extent
Geographic Element
EX_ Geographic Description
Identifier
Authority
Citation
Title
ANZMet Lite Country codelist
Date
Edition
Version 1.0
Edition Date
Date
2009-03-31
Identifier
Identifier
Code
<http://asdd.ga.gov.au/asdd/profileinfo/anzlic-country.xml#Country>
Cited Responsible Party
Responsible Party
Organisation Name
ANZLIC the Spatial Information Council
Role
Role Code
custodian
Code
nzl

Extent

EX _ Extent
Geographic Element
EX _ Geographic Bounding Box
166.31574854206815178.63579590154896-47.53453068824764-34.02910361946144

Distribution Info

Distribution
Transfer Options
Digital Transfer Options
On Line
Online Resource
Linkage
URL
<https://data.linz.govt.nz/layer/109401-nz-10m-satellite-imagery-2021-2022/>

Data Quality Info

DQ _ Data Quality
Scope
DQ _ Scope
Level
Scope Code
dataset
Level Description
Scope Description
Other
dataset

Lineage

LI _ Lineage
Statement
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 2021 - April 2022. 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).

Metadata Constraints

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