

NZ 10m Satellite Imagery (2017)

Metadata

File Identifier

7f40be9b-54fa-851c-8e2a-fba7fecb5e20

Language

eng

Character Set

Character Set Code

utf8

Hierarchy Level

Scope Code

dataset

Hierarchy Level Name

dataset

Contact

Responsible Party

Individual Name

Omit

Organisation Name

LINZ - Land Information New Zealand

Position Name

Imagery Data 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

info@linz.govt.nz

Role
Role Code
pointOfContact

Date Stamp
Date
2018-03-05

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 (2017)
Date
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 December 2016 - December 2017. ****We want your feedback**** Data has been made available by LINZ on a pilot basis to help LINZ assess the value of ongoing release of satellite imagery. Use the data, then [send us your feedback] (https://landinformationnz.au1.qualtrics.com/jfe/form/SV_3syxODJTsq8bpVb) ****Currency**** This data will be updated once a year, during the term of the 2-year pilot. ****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: December 2016 - December 2017 - 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

Purpose

The purpose of this pilot satellite imagery dataset is to assist LINZ in assessing the value of ongoing release of this data to help customers create improved products and services.

Status

Progress Code
onGoing

Point Of Contact
Responsible Party

Individual Name

Omit

Organisation Name

LINZ - Land Information New Zealand

Position Name

Imagery Data Manager

Contact Info

Contact

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0800 665 463 or +64 4 460 0110

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City

Wellington

Postal Code

6011

Country

New Zealand

Electronic Mail Address

info@linz.govt.nz

Role

Role Code

pointOfContact

Resource Maintenance

Maintenance Information

Maintenance And Update Frequency

Maintenance Frequency Code

annually

Date Of Next Update

Date

2019-01

Resource Format

Format

Name

*.xml

Version

Unknown

Descriptive Keywords

Keywords

Keyword

New Zealand

Type

Keyword Type Code

theme

Thesaurus Name

Citation

Title

ANZLIC Jurisdictions

Date

Edition

Version 2.1

Edition Date

Date

2008-10-29

Identifier

Identifier

Code

<http://asdd.ga.gov.au/asdd/profileinfo/anzlic-jurisdic.xml#anzlic-jurisdic>

Cited Responsible Party

Responsible Party

Organisation Name

ANZLIC the Spatial Information Council

Role

Role Code

custodian

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

Use Limitation

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Use Constraints
Restriction Code
license

Spatial Representation Type Code
grid

10
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

166.315748552178.6357959-47.5345306863-34.0291036195

Distribution Info

Distribution

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.linz.govt.nz/layer/93652-nz-10m-satellite-imagery-2017/>

Data Quality Info

DQ _ Data Quality

Scope

DQ _ Scope

Level

Scope Code

dataset

Level Description

Scope Description

Other

dataset

Lineage

LI _ Lineage

Statement

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 December 2016 - December 2017. 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.

Metadata Constraints

Security Constraints

Classification

Classification Code

unclassified

Metadata Constraints

Legal Constraints

Use Limitation

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Use Constraints

Restriction Code

copyright

Metadata Constraints

Legal Constraints

Use Limitation

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Restriction Code
license