



## Sentinel2 2016 Footprints

### Metadata

#### File Identifier

e5be252a-a951-aec3-3907-6f149ee8c9c6

#### Language

eng

#### Character Set

##### Character Set Code

utf8

#### Hierarchy Level

##### Scope Code

dataset

#### Hierarchy Level Name

dataset

### Contact

#### Responsible Party

##### Individual Name

Michael Cooper

##### Organisation Name

LUCAS, Ministry for the Environment

##### Position Name

GIS Analyst

#### Contact Info

##### Contact

##### Phone

##### Telephone

##### Voice

+64 (0)4 439 7411

##### Address

##### Address

##### Delivery Point

23 Kate Sheppard Place, PO Box 10362

##### City

Wellington 6143

##### Country

New Zealand

##### Electronic Mail Address

lucas@mfe.govt.nz

Role  
Role Code  
distributor

Date Stamp  
Date  
2017-03-03

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  
MFE\_ANZLIC\_Sentinel2\_2016  
  
Date  
  
Date  
  
Date

**Abstract**  
This imagery is 10m, ten-band multispectral, cloud-minimised mosaics of Sentinel 2A satellite tiles over mainland New Zealand made from scenes captured late-2015/early-2016.

**Purpose**  
This imagery is used by the Land Use Carbon Analysis System (LUCAS) at the New Zealand Ministry for the Environment to map and quantify changes in New Zealand land use. This information is used to calculate greenhouse gas emissions and removals for the Land Use, Land Use Change and Forestry (LULUCF) sector toward meeting our international reporting obligations under the Kyoto Protocol and United Nations Framework Convention on Climate Change (UNFCCC).

**Credit**  
European Space Agency (capture, orthorectification)

**Credit**  
Manaaki Whenua - Landcare Research (mosaicking)

**Status**  
Progress Code  
completed

**Resource Maintenance**  
Maintenance Information  
Maintenance And Update Frequency

Maintenance Frequency Code

notPlanned

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

Descriptive Keywords

Keywords

Keyword

LAND-Use

Keyword

LAND-Cover

Keyword

PHOTOGRAPHY-AND-IMAGERY-Satellite

**Keyword**

FORESTS

**Type**

Keyword Type Code

theme

**Thesaurus Name**

Citation

Title

ANZLIC Search Words

Date

Edition

Version 2.1

Edition Date

Date

2008-05-16

Identifier

Identifier

Code

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

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Role

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custodian

**Resource Constraints**

Legal Constraints

Use Limitation

Unrestricted - produced from European Space Agency remote sensing data

Access Constraints

Restriction Code

license

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Legal Constraints

Use Limitation

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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

166.412258178.589093-47.298592-34.389

Distribution Info

Distribution

Distributor

Distributor

Distributor Contact

Responsible Party

Individual Name

Michael Cooper

Organisation Name

LUCAS, Ministry for the Environment

**Position Name**

GIS Analyst

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distributor

**Distributor Format**

**Format**

**Name**

unspecified

**Version**

unspecified

**Specification**

16-bit signed, ERDAS IMAGINE .img format, ESRI ArcGIS projection definition assigned subsequently

**Transfer Options**

**Digital Transfer Options**

**On Line**

**Online Resource**

**Linkage**

**URL**

<https://data.mfe.govt.nz/layer/53646-sentinel2-2016-footprints/>

**Data Quality Info**

**DQ\_Data Quality**

**Scope**

**DQ\_Scope**

**Level**

**Scope Code**

dataset

Level Description  
Scope Description  
Other  
dataset

#### Lineage

LI\_Lineage  
Statement

Component ortho-rectified Sentinel 2A tiles in UTM projection were sourced from the European Space Agency (ESA). Bands: 1 ("B2" 490nm), 2 ("B3" 560nm), 3 ("B4" 665nm), 4 ("B5" 740nm), 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 Landcare Research NZ.

#### Metadata Constraints

Legal Constraints

Use Limitation

Creative Commons Attribution 3.0 New Zealand by Ministry for the Environment

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Restriction Code

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