

# Sentinel2 2017 Footprints

## Metadata

### File Identifier

a03887a9-67d4-e3fc-ad04-40b264b87539

### 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**

2017-08-04

**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\_2017

**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-2016/early-2017.

**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>

Cited Responsible Party

Responsible Party

Organisation Name

ANZLIC the Spatial Information Council

Role

Role Code

custodian

Resource Constraints

Legal Constraints

Use Limitation

Unrestricted - produced from European Space Agency remote sensing data

Access Constraints

Restriction Code

license

Resource Constraints

Legal Constraints

Use Limitation

Unrestricted - produced from European Space Agency remote sensing data

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 Bounding Box

166.412258178.589093-47.298592-34.389

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

**Distribution Info**

**Distribution**

**Distributor**

**Distributor**

**Distributor Contact**

**Responsible Party**

**Individual Name**

Michael Cooper

**Organisation Name**

LUCAS, Ministry for the Environment

**Position Name**

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lucas@mfe.govt.nz

Role

Role Code

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/53654-sentinel2-2017-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

### Access Constraints

#### Restriction Code

license

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