



## Lightning recorders

### Metadata

#### File Identifier

d0583267-7cd9-0f42-6e47-6f8b993ebd29

#### Language

eng

#### Character Set

##### Character Set Code

utf8

#### Hierarchy Level

##### Scope Code

dataset

#### Hierarchy Level Name

dataset

### Contact

#### Responsible Party

##### Organisation Name

Environmental Reporting, Ministry for the Environment and Statistics New Zealand

##### Position Name

Analyst

#### Contact Info

##### Contact

##### Address

##### Address

##### Delivery Point

23 Kate Sheppard Place, PO Box 10362

##### City

Wellington 6143

##### Country

New Zealand

##### Electronic Mail Address

Environmental.Reporting@mfe.govt.nz

#### Role

Role Code  
distributor

Date Stamp

Date  
2016-01-27

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  
Lightning recorders  
Date

Abstract

"Lightning is the discharge of electricity from thunderstorms. Ground strikes can cause significant damage to property and infrastructure, and injure or kill people and livestock. Lightning is often associated with other severe weather events, such as strong wind gusts. Thunderstorms may increase in frequency and intensity with climate change. This dataset shows the location of sensors in the New Zealand Lightning Detection Network (NZLDN), owned by Transpower and run by MetService. Sensors around the country detect lightning over the New Zealand land mass and a short distance out to sea. These sensors detect very accurately the electrical discharge, location, and time, as well as noting other parameters such as current strength. The NZLDN records both cloud-to-cloud and cloud-to-ground strikes. "

Status

Progress Code  
completed

Point Of Contact

Responsible Party  
Organisation Name

Environmental Reporting, Ministry for the Environment and Statistics New Zealand

**Position Name**

Analyst

**Contact Info**

**Contact**

**Address**

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23 Kate Sheppard Place, PO Box 10362

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**Country**

New Zealand

**Electronic Mail Address**

Environmental.Reporting@mfe.govt.nz

**Role**

**Role Code**

distributor

**Resource Maintenance**

**Maintenance Information**

**Maintenance And Update Frequency**

**Maintenance Frequency Code**

irregular

**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

CLIMATE-AND-WEATHER

Keyword

CLIMATE-AND-WEATHER-Extreme-weather-events

Keyword

HAZARDS-Severe-local-storms

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**

Creative Commons Attribution 3.0 New Zealand by Ministry for the Environment

**Access Constraints**

**Restriction Code**

license

**Resource Constraints**

**Legal Constraints**

**Use Limitation**

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**Use Constraints**

**Restriction Code**

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**Language**

eng

Character Set

Character Set Code

utf8

Topic Category Code

environment

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

167.641599177.984821-45.926341001-35.0683440007

Distribution Info

Distribution

## Transfer Options

### Digital Transfer Options

#### On Line

##### Online Resource

###### Linkage

###### URL

<https://data.mfe.govt.nz/layer/53312-lightning-recorders/>

## Data Quality Info

### DQ \_ Data Quality

#### Scope

##### DQ \_ Scope

###### Level

###### Scope Code

dataset

###### Level Description

###### Scope Description

###### Other

dataset

## Lineage

### LI \_ Lineage

#### Statement

Source: Data courtesy Transpower New Zealand Limited. Method: "This dataset shows the location of sensors in the New Zealand Lightning Detection Network (NZLDN), run by MetService. Sensors around the country detect lightning over the New Zealand land mass and a short distance out to sea. These sensors detect very accurately the electrical discharge, location, and time, as well as noting other parameters such as current strength. The NZLDN records both cloud-to-cloud and cloud-to-ground strikes. "

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