

NZ Airborne Gravity Flight Lines at Elevation (2013-2014)

Metadata

File Identifier

0a3ca041-b573-efdc-af74-d3a280c7dad9

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

Chief Geodesist - National Geodetic Office

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**

resourceProvider

Date Stamp**Date**

2017-02-03

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**

4167

Identification Info**Data Identification****Citation****Citation****Title**

NZ Airborne Gravity Flight Lines at Elevation (2013-2014)

Date**Abstract**

****Introduction**** This dataset provides gravity observations, reductions and metadata for New Zealand's national airborne gravity survey at flight elevation. A full description of each field in this dataset is available in the accompanying pdf [NZ Airborne Gravity Flight Lines at Elevation (2013-2014) Description](<https://data.linz.govt.nz/document/1825>). ****Description**** New Zealand's national airborne gravity dataset is comprised of more than 50,000 linear km of flight observations, covering the three main islands of New Zealand and up to 10km offshore. Gravity observations can be used to compute gravity anomalies: differences between measured gravity and an ellipsoidal model of the Earth's gravity field. Gravity anomalies correspond to un-modelled density variations within the Earth's crust and upper mantle. They are used to investigate concealed geological structures and for quasigeoid modelling. The national airborne gravity dataset was collected as a joint project between Land Information New Zealand (LINZ), GNS Science (GNS) and Victoria University of Wellington (VUW). The airborne survey was completed in a total of eight months, over two campaigns: August - October 2013, and February - June 2014. ****Users may also be interested raster layers created for each of the free-Air and Bouguer Anomalies which have been downward continued to ground surface**** [NZ Airborne Gravity Free-Air Anomalies at Ground Surface (2013-2014)](<https://data.linz.govt.nz/layer/3532>) and [NZ Airborne Gravity Bouguer Anomalies at Ground Surface (2013-2014)](<https://data.linz.govt.nz/layer/3530>).

Purpose

Purpose of this dataset is to supply the national airborne gravity dataset for use in geophysical research and mapping.

Credit

GNS Science

Credit

Victoria University of Wellington

Credit

Land Information New Zealand

Status

Progress Code

completed

Point Of Contact

Responsible Party

Individual Name

Omit

Organisation Name

LINZ - Land Information New Zealand

Position Name

Chief Geodesist - National Geodetic Office

Contact Info

Contact

Phone

Telephone

Voice

0800 665 463 or +64 4 460 0110

Facsimile

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Delivery Point

155 The Terrace

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Wellington

Postal Code

6011

Country

New Zealand

Electronic Mail Address

info@linz.govt.nz

Role

Role Code

pointOfContact

Point Of Contact

Responsible Party

Individual Name

omit

Organisation Name

LINZ - Land Information New Zealand

Position Name

Chief Geodesist - National Geodetic Office

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Country

New Zealand

Electronic Mail Address

info@linz.govt.nz

Role

Role Code

resourceProvider

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

GEOSCIENCES-Geophysics

Keyword

LAND-Geodesy

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

Security Constraints

Classification

Classification Code

unclassified

Resource Constraints

Legal Constraints

Use Limitation

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Use Constraints

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Use Constraints

Restriction Code

license

Spatial Representation Type Code

vector

Language

eng

Character Set

Character Set Code

utf8

Topic Category Code

geoscientificInformation

Extent

EX_ Extent

Geographic Element

EX_ Geographic Bounding Box

165.933178.982-47.7938-34.0961

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

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.linz.govt.nz/layer/53531-nz-airborne-gravity-flight-lines-at-elevation-2013-2014/>

Data Quality Info

DQ_ Data Quality

Scope

DQ_ Scope

Level

Scope Code

dataset

Level Description

Scope Description

Other

dataset

Lineage

LI_Lineage
Statement

This dataset is comprised of airborne gravity flight lines observed over a period of eight months, over two campaigns: August - October 2013, and February - June 2014.

Metadata Constraints

Security Constraints

Classification

Classification Code

unclassified

Metadata Constraints

Legal Constraints

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