

Canterbury Earthquake Geodetic Marks (2010, 2011) - Simple

Metadata

File Identifier

4ba17051-94d8-93d5-a7c6-bb093a6edfa1

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

2013-05-01

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

Canterbury Earthquake Geodetic Marks (2010, 2011) - Simple

Date

Date

Abstract

The Canterbury region of New Zealand experienced a sequence of significant earthquakes during 2010 and 2011. These earthquakes occurred on 2010-09-04, 2011-02-22, 2011-06-13 and 2011-12-23. The coordinates in this layer account for all significant movements relating to these, so should be consistent with any observations made after the last earthquake to affect a given area (neglecting localised deformation such as that due to liquefaction). **Users may also be interested in the more comprehensive data in the companion layer [Canterbury Earthquake Geodetic Marks (2010, 2011) - Comprehensive](<http://data.linz.govt.nz/layer/1588>).** These coordinates are only provisional. Analysis is ongoing as further data is collected. Coordinates were calculated using SNAP v2.3.61. Stations were constrained using coordinates calculated by GNS Science. Some coordinates were calculated from data provided by Christchurch City Council. No precise levelling data has been used. The estimated accuracy is 0.02m horizontally and 0.03m vertically. The deformation model `igns2011_working.grd` calculated from a model (v4) provided by GNS Science on 28 April 2011 was used to remove secular deformation. These coordinates are suitable for use in surveys and other geospatial activities in Canterbury and Christchurch. **For further information about this dataset, see [the Canterbury earthquake information] (<http://www.linz.govt.nz/survey-titles/canterbury-earthquake/canterbury-earthquake/geodetic-survey-control-coordinates>) on the LINZ website.**

Purpose

To support the geospatial reference frame in post-earthquake Canterbury, including Christchurch.

Status

Progress Code

onGoing

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

+64 4 472 2244

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

Resource Maintenance
Maintenance Information
Maintenance And Update Frequency
Maintenance Frequency Code
| asNeeded

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-Geodesy

Keyword

HAZARDS-Earthquake

Keyword

LAND-Cadastre

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

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Restriction Code

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Use Constraints
Restriction Code
license

Spatial Representation Type Code
textTable
Language
eng

Character Set
Character Set Code
utf8

Topic Category Code
location

Extent
EX_ Extent
Geographic Element
EX_ Geographic Bounding Box
171.23172.55-44.02-42.46

Distribution Info

Distribution
Transfer Options
Digital Transfer Options
On Line
Online Resource
Linkage
URL
<https://data.linz.govt.nz/layer/51589-canterbury-earthquake-geodetic-marks-2010-2011-simple/>

Data Quality Info

DQ_ Data Quality
Scope
DQ_ Scope
Level
Scope Code
dataset
Level Description
Scope Description
Other
dataset

Lineage

LI_ Lineage
Statement
The estimated accuracy is 0.02m horizontally and 0.03m vertically. This data is identical to that contained in the csv file at: http://www.linz.govt.nz/sites/default/files/survey-titles/cadastral-surveying/canterbury-earthquake/information-surveyors/canterbury_eq_linz_coords_simple_v0.6.csv

Metadata Constraints

Security Constraints
Classification
Classification Code
unclassified

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