

NZ Kaikoura Earthquake (14 Nov 2016) Geodetic Marks

Metadata

File Identifier

38799122-c657-1692-152d-6ee1238e10f2

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

Toitū Te Whenua 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

customersupport@linz.govt.nz

Role**Role Code**

resourceProvider

Date Stamp**Date**

2016-04-12

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****Code**

2193

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

NZ Kaikoura Earthquake (14 Nov 2016) Geodetic Marks

Date**Date****Abstract**

****For further information about this dataset, see [the Kaikoura earthquake information] (<http://www.linz.govt.nz/land/surveying/canterbury-earthquakes/geodetic-survey-control-network/kaikoura-earthquake-%E2%80%9314-november-2016>).** It is likely that many of these coordinates will be updated multiple times as marks move due to aftershocks and ongoing post-seismic deformation. It is therefore critical that the ****datum version**** and ****coordinate epoch**** date are recorded with any coordinates sourced from this dataset, along with the date the coordinates were accessed or downloaded. These coordinates are computed from Continuously Operating Reference Station (CORS) data and geodetic surveys undertaken after the 14 November 2016 Kaikoura earthquake. They reflect earthquake movements up until the epoch date that is associated with each coordinate. Where possible, coordinates sourced from this dataset for use as control or calibration points in a project should be at the same or similar epochs. If not, post-seismic deformation may mean that new observations or coordinates do not fit well with these coordinates. Coordinates used as control or calibration points should also be well-distributed over the project area, so that any discrepancies resulting from the survey date being significantly different from the coordinate epoch date can be identified. If such discrepancies are identified, it may be necessary to use the [LINZ PositionNZ-PP online processing service] (<http://www.linz.govt.nz/positionzpp>) to generate control coordinates at the same (or nearly the same) epoch as the survey date. Coordinates were calculated using SNAP v2.5.48. The origin of non-CORS coordinates is PositionNZ CORS that have been updated to include earthquake movements. The 95% confidence interval uncertainties of coordinates are 0.02m horizontally and 0.03m vertically, relative to the PositionNZ network, at the epoch specified. In areas experiencing significant ongoing seismic activity, coordinates at the same mark at other epochs may differ by more than these uncertainties. These coordinates are suitable for use in surveys and other geospatial positioning activities in the area impacted by the Kaikoura earthquake.

Purpose

To support the geospatial positioning activities in parts of New Zealand impacted by the Kaikoura earthquake.

Status

Progress Code

onGoing

Point Of Contact

Responsible Party

Individual Name

omit

Organisation Name

Toitū Te Whenua Land Information New Zealand

Position Name

Chief Geodesist - National Geodetic Office

Contact Info

Contact

Phone

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Voice

0800 665 463 or +64 4 460 0110

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155 The Terrace

City

Wellington

Postal Code

6011

Country

New Zealand

Electronic Mail Address

customersupport@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

Legal Constraints

Use Limitation

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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
166.472671295-175.631221-46.585064421-35.068932937

Distribution Info

Distribution
Transfer Options
Digital Transfer Options
On Line
Online Resource
Linkage
URL
<https://data.linz.govt.nz/layer/53527-nz-kaikoura-earthquake-14-nov-2016-geodetic-marks/>

Data Quality Info

DQ_ Data Quality
Scope
DQ_ Scope
Level
Scope Code
dataset

Level Description
Scope Description
Other
dataset

Lineage

LI_ Lineage
Statement
The uncertainties are 0.02m horizontally and 0.03m vertically at a 95% confidence level. Coordinates derived from geodetic surveys carried out to Order 4 and 5 standards, as well as 24-hour Continuously Operating GNSS Station (CORS) data. This layer will be updated as further geodetic data becomes available, until such time as the Geodetic Database is updated.

Metadata Constraints

Security Constraints
Classification
Classification Code
unclassified

Metadata Constraints

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