

Auckland 1946 to NZGD2000 Conversion

Metadata

File Identifier

b120f8e4-74bc-edad-6dfb-1cde8de6128f

Language

eng

Character Set

Character Set Code

utf8

Hierarchy Level

Scope Code

dataset

Hierarchy Level Name

dataset

Contact

Responsible Party

Organisation Name

LINZ - Land Information New Zealand

Position Name

Chief Geodesist - National Geodetic Office

Contact Info

Contact

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Telephone

Voice

04 4600110

Address

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Delivery Point

155 The Terrace

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Postal Code

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Country

New Zealand

Electronic Mail Address

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Role

Role Code

author

Date Stamp

Date

2016-07-22

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

Auckland 1946 to NZGD2000 Conversion

Alternate Title

AUK46-NZGD2000

Date

Date

Date

Abstract

The AUK46-NZGD2000 grid enables the conversion of normal-orthometric heights from the Auckland 1946 local vertical datum directly to New Zealand Geodetic Datum 2000 (NZGD2000) ellipsoidal heights. AUK46-NZGD2000 is published on a one arc-minute grid (approximately 1.8 kilometres) extending over the benchmarks that nominally define the extent of the Auckland 1946 vertical datum (174.0° E to 176.2° E, 36.1° S to 38.0° S). The conversion value is represented by the attribute "delta", in metres. This grid is a combination of New Zealand Quasigeoid 2016 [NZGeoid2016](<https://data.linz.govt.nz/layer/3418>) and the [AUK46-NZVD2016] (<https://data.linz.govt.nz/layer/3417>) height conversion grid. Where NZGeoid2016 is the reference surface for the New Zealand Vertical Datum 2016 (NZVD2016), while the AUK46-NZVD2016 grid models the difference between the Auckland 1946 vertical datum and NZVD2016 using the LINZ GPS-levelling marks. More information on converting heights between vertical datums can be found [on the LINZ website](<http://www.linz.govt.nz/data/geodetic-services/coordinate-conversion/converting-between-nzvd2016-nzgd2000-and-local-vertical-datums>).

Purpose

The AUK46-NZGD2000 grid enables the conversion of normal-orthometric heights from the Auckland 1946 local vertical datum directly to New Zealand Geodetic Datum 2000 (NZGD2000) ellipsoidal heights.

Status

Progress Code

completed

Point Of Contact

Responsible Party

Organisation Name

LINZ - Land Information New Zealand

Position Name

Chief Geodesist - National Geodetic Office

Contact Info

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info@linz.govt.nz

Role
Role Code
pointOfContact

Resource Maintenance

Maintenance Information
Maintenance And Update Frequency
Maintenance Frequency Code
unknown

Date Of Next Update
Date
2016

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

LAND-Cadastre

Keyword

LAND-Topography

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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Use Constraints
Restriction Code
license

Spatial Representation Type Code
grid
0.016666666
Language
eng

Character Set
Character Set Code
utf8

Topic Category Code
location

Extent
EX_ Extent
Geographic Element
EX_ Geographic Bounding Box
174.0176.2-38.0-36.1

Distribution Info

Distribution
Transfer Options
Digital Transfer Options
On Line
Online Resource
Linkage
URL
<https://data.linz.govt.nz/layer/53416-auckland-1946-to-nzgd2000-conversion/>

Data Quality Info

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

Lineage

LI_ Lineage
Statement
AUK46-NZGD2000 Version 20160627 This grid is a combination of New Zealand Quasigeoid 2016 [NZGeoid2016](<https://data.linz.govt.nz/layer/3418>) and the [AUK46-NZVD2016](<https://data.linz.govt.nz/layer/3417>) height conversion grid. AUK46-NZGD2000 is published on a one arc-minute grid (approximately 1.8 kilometres) extending over the benchmarks that nominally define the extent of the Auckland 1946 vertical datum (174.0° E to 176.2° E, 36.1° S to 38.0° S). The conversion value is represented by the attribute "delta", in metres.

Metadata Constraints

Security Constraints
Classification
Classification Code
unclassified

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