

Nelson 1955 to NZGD2000 Conversion

Metadata

File Identifier

4ff0c4b0-b917-7bc6-76b8-8b798ef615b2

Language

eng

Character Set

Character Set Code

utf8

Hierarchy Level

Scope Code

dataset

Hierarchy Level Name

dataset

Contact

Responsible Party

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

author

Date Stamp

Date

2016-07-26

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

Nelson 1955 to NZGD2000 Conversion

Alternate Title

NSN55-NZGD2000

Date

Date

Date

Abstract

The NSN55-NZGD2000 grid enables the conversion of normal-orthometric heights from the Nelson 1955 local vertical datum directly to New Zealand Geodetic Datum 2000 (NZGD2000) ellipsoidal heights. NSN55-NZGD2000 is published on a one arc-minute grid (approximately 1.8 kilometres) extending over the benchmarks that nominally define the extent of the Nelson 1955 vertical datum (171.3° E to 174.4° E, 40.4° S to 42.7° 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 [NSN55-NZVD2016] (<https://data.linz.govt.nz/layer/3438>) height conversion grid. Where NZGeoid2016 is the reference surface for the New Zealand Vertical Datum 2016 (NZVD2016), while the NSN55-NZVD2016 grid models the difference between the Nelson 1955 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 NSN55-NZGD2000 grid enables the conversion of normal-orthometric heights from the Nelson 1955 local vertical datum directly to New Zealand Geodetic Datum 2000 (NZGD2000) ellipsoidal heights.

Status

Progress Code

completed

Point Of Contact

Responsible Party

Organisation Name

Toitū Te Whenua 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

customersupport@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

Legal Constraints

Use Limitation

Copyright Crown copyright (c) Toitū Te Whenua Land Information New Zealand and the New Zealand Government. All rights reserved

Use Constraints

Restriction Code

copyright

Resource Constraints

Legal Constraints

Use Limitation

Released under Creative Commons Attribution 4.0 International with: Following Disclaimers:
1. This data is made available through the LINZ Data Service and is based on LINZ's New Zealand Vertical Datum 2016 (NZVD2016) Following Attribution: If you publish, distribute or otherwise disseminate this work to the public without adapting it, the following attribution to Toitū Te Whenua Land Information New Zealand should be used.'CC BY 4.0 Toitū Te Whenua Land Information New Zealand' If you adapt this work in any way or include it in a collection, and publish, distribute or otherwise disseminate that adaptation or collection to the public, the following attribution to Toitū Te Whenua Land Information New Zealand should be used.'Contains data sourced from the LINZ Data Service and licensed for reuse under CC BY 4.0.' If 'attribution stacking' problems exist then the requirement to display the above attribution statements is waived and in lieu the attribution statement is to be made in any terms or conditions associated with the work/product/application/ etc.

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

171.3174.4-42.7-40.4

Distribution Info

Distribution

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.linz.govt.nz/layer/53437-nelson-1955-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

****NSN55-NZGD2000 Version 20160627**** This grid is a combination of New Zealand Quasigeoid 2016 [NZGeoid2016](<https://data.linz.govt.nz/layer/3418>) and the [NSN55-NZVD2016](<https://data.linz.govt.nz/layer/3438>) height conversion grid. NSN55-NZGD2000 is published on a one arc-minute grid (approximately 1.8 kilometres) extending over the benchmarks that nominally define the extent of the Nelson 1955 vertical datum (171.3° E to 174.4° E, 40.4° S to 42.7° S). The conversion value is represented by the attribute "delta", in metres.

Metadata Constraints

Security Constraints

Classification

Classification Code

unclassified

Metadata Constraints

Legal Constraints

Use Limitation

Copyright Crown copyright (c) Toitū Te Whenua Land Information New Zealand and the New Zealand Government. All rights reserved

Use Constraints

Restriction Code

copyright

Metadata Constraints

Legal Constraints

Use Limitation

Released under Creative Commons Attribution 4.0 International with: Following Disclaimers: 1. This data is made available through the LINZ Data Service and is based on LINZ's New Zealand Vertical Datum 2016 (NZVD2016) Following Attribution: If you publish, distribute or otherwise disseminate this work to the public without adapting it, the following attribution to Toitū Te Whenua Land Information New Zealand should be used.'CC BY 4.0 Toitū Te Whenua Land Information New Zealand' If you adapt this work in any way or include it in a collection, and publish, distribute or otherwise disseminate that adaptation or collection to the public, the following attribution to Toitū Te Whenua Land Information New Zealand should be used.'Contains data sourced from the LINZ Data Service and licensed for reuse under CC BY 4.0.' If 'attribution stacking' problems exist then the requirement to display the above attribution statements is waived and in lieu the attribution statement is to be made in any terms or conditions associated with the work/product/application/ etc.

Use Constraints

Restriction Code

license