

# Wellington 1953 to NZGD2000 Conversion

## Metadata

### File Identifier

f3d01840-ff68-8302-93b7-621636434ffa

### 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

##### 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

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

Wellington 1953 to NZGD2000 Conversion

##### Alternate Title

WGN53-NZGD2000

##### Date

##### Date

##### Date

## Abstract

The WGN53-NZGD2000 grid enables the conversion of normal-orthometric heights from the Wellington 1953 local vertical datum directly to New Zealand Geodetic Datum 2000 (NZGD2000) ellipsoidal heights. WGN53-NZGD2000 is published on a one arc-minute grid (approximately 1.8 kilometres) extending over the benchmarks that nominally define the extent of the Wellington 1953 vertical datum (174.4° E to 176.4° E, 39.1° S to 41.6° 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 [WGN53-NZVD2016] (<https://data.linz.govt.nz/layer/3446>) height conversion grid. Where NZGeoid2016 is the reference surface for the New Zealand Vertical Datum 2016 (NZVD2016), while the WGN53-NZVD2016 grid models the difference between the Wellington 1953 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 WGN53-NZGD2000 grid enables the conversion of normal-orthometric heights from the Wellington 1953 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

#### 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  
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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**Restriction Code**

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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  
174.4176.4-41.6-39.1

#### Distribution Info

Distribution  
Transfer Options  
Digital Transfer Options  
On Line  
Online Resource  
Linkage  
URL  
<https://data.linz.govt.nz/layer/53445-wellington-1953-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  
\*\*WGN53-NZGD2000 Version 20160627\*\* This grid is a combination of New Zealand Quasigeoid 2016 [NZGeoid2016](<https://data.linz.govt.nz/layer/3418>) and the [WGN53-NZVD2016](<https://data.linz.govt.nz/layer/3446>) height conversion grid. WGN53-NZGD2000 is published on a one arc-minute grid (approximately 1.8 kilometres) extending over the benchmarks that nominally define the extent of the Wellington 1953 vertical datum (174.4° E to 176.4° E, 39.1° S to 41.6° S). The conversion value is represented by the attribute "delta", in metres.

#### Metadata Constraints

Security Constraints  
Classification  
Classification Code  
unclassified

#### Metadata Constraints

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