

Napier 1962 to NZVD2016 Conversion

Metadata

File Identifier

aa0a21e4-1b41-b14d-8462-4d3002839b90

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

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New Zealand

Electronic Mail Address

info@linz.govt.nz

Role

Role Code

author

Date Stamp

Date

2016-07-29

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

Napier 1962 to NZVD2016 Conversion

Alternate Title

NPR62-NZVD2016

Date

Date

Date

Abstract

The NPR62-NZVD2016 grid enables the conversion of normal-orthometric heights from the Napier 1962 local vertical datum to the New Zealand Vertical Datum 2016 (NZVD2016). The conversion value is represented by the attribute "O", in metres. This conversion and NZVD2016 are formally defined in the LINZ standard [LINZS25009](<http://www.linz.govt.nz/regulatory/25009>). NPR62-NZVD2016 is published on a two arc-minute grid (approximately 3.6 kilometres) extending over the benchmarks that nominally define the extent of the Napier 1962 vertical datum (175.6° E to 177.9° E, 38.6° S to 40.6° S). The height conversion grid models the difference between the Napier 1962 vertical datum and NZVD2016 using the LINZ GPS-levelling marks. From the GPS-levelling marks the expected accuracy of NPR62-NZVD2016 is better than 2 centimetres (95% Confidence interval). 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 NPR62-NZVD2016 grid enables the conversion of normal-orthometric heights from the Napier 1962 local vertical datum to the New Zealand Vertical Datum 2016 (NZVD2016).

Status

Progress Code

completed

Point Of Contact

Responsible Party

Organisation Name

LINZ - Land Information New Zealand

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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

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Use Constraints**Restriction Code**

| copyright

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Restriction Code
license

Spatial Representation Type Code
grid
0.0166666666666
Language
eng

Character Set
Character Set Code
utf8

Topic Category Code
location

Extent
EX_ Extent
Geographic Element
EX_ Geographic Bounding Box
175.6177.9-40.6-38.6

Distribution Info

Distribution
Transfer Options
Digital Transfer Options
On Line
Online Resource
Linkage
URL
<https://data.linz.govt.nz/layer/53436-napier-1962-to-nzvd2016-conversion/>

Data Quality Info

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

Lineage

LI_ Lineage
Statement
NPR62-NZVD2016 version 20160627 This height conversion grid supersedes the offset (0.20m) that was used with NZVD2009. NPR62-NZVD2016 is published on a two arc-minute grid (approximately 3.6 kilometres) extending over the benchmarks that nominally define the extent of the Napier 1962 vertical datum (175.6° E to 177.9° E, 38.6° S to 40.6° S). The conversion value is represented by the attribute "delta", in metres. The height conversion grid models the difference between the Napier 1962 vertical datum and NZVD2016 using the LINZ GPS-levelling marks. The input data has an average of 0.20m and range of 0.12m to 0.30m. From the GPS-levelling marks the expected accuracy of NPR62-NZVD2016 is better than 2 centimetres (95% Confidence interval).

Metadata Constraints

Security Constraints
Classification
Classification Code
unclassified

Metadata Constraints

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