

# ISO Geodetic Registry

<i>Item class</i>	VerticalCRS	
<i>Name</i>	<b>NZVD2016 - NOHt</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	328	
<i>Alias</i>	New Zealand Vertical Datum 2016	
<i>Alias</i>	NZVD2016	
<i>Information source</i>	<i>Title</i>	Standard for New Zealand Vertical Datum 2016
	<i>Author</i>	Land Informaiton New Zealand
	<i>Publisher</i>	Land Information New Zealand
	<i>Publication date</i>	2016-06-27
	<i>Edition date</i>	
	<i>Issue identification</i>	LINZS25009
<i>Data source</i>	ISO Geodetic Registry	
<i>Scope</i>	Spatial referencing.	
<i>Datum</i>	New Zealand Vertical Datum 2016	
<i>Coordinate System</i>	Vertical CS. Axis: height (H). Orientation: up. UoM: m.	

## Extent

<i>Description</i>	<b>New Zealand - onshore and offshore - Antipodes Islands, Auckland Islands, Bounty Islands, Campbell Island Chatham Islands, Kermadec Islands, North Island, Raoul Island, Snares Islands, South Island, Stewart Island.</b>	
<i>Geographic Bounding Box</i>	<i>West-bound longitude</i>	160.0
	<i>North-bound latitude</i>	-25.0
	<i>East-bound longitude</i>	-170.0
	<i>South-bound latitude</i>	-60.0

# ISO Geodetic Registry

<i>Item class</i>	VerticalDatum	
<i>Name</i>	<b>New Zealand Vertical Datum 2016</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	107	
<i>Alias</i>	NZVD2016	
<i>Information source</i>	<i>Title</i>	Standard for New Zealand Vertical Datum 2016
	<i>Author</i>	Land Informaiton New Zealand
	<i>Publisher</i>	Land Information New Zealand
	<i>Publication date</i>	2016-06-27
	<i>Edition date</i>	
	<i>Issue identification</i>	LINZS25009
<i>Data source</i>	ISO Geodetic Registry	
<i>Remarks</i>	Replaces NZVD2009 from 2016-06-27.	
<i>Anchor definition</i>	New Zealand Quasigeoid 2016 which is defined by the application of the NZ Quasigeoid 2016 grid to NZGD2000 ellipsoidal heights at epoch 2000.0.	
<i>Release date</i>	2016-06-27	
<i>Coordinate Reference Epoch</i>	2000.0	
<i>Scope</i>	Spatial referencing	

## Extent

<i>Description</i>	<b>New Zealand - onshore and offshore - Antipodes Islands, Auckland Islands, Bounty Islands, Campbell Island Chatham Islands, Kermadec Islands, North Island, Raoul Island, Snares Islands, South Island, Stewart Island.</b>	
<i>Geographic Bounding Box</i>	<i>West-bound longitude</i>	160.0
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	<i>East-bound longitude</i>	-170.0
	<i>South-bound latitude</i>	-60.0

# ISO Geodetic Registry

<i>Item class</i>	VerticalCS	
<i>Name</i>	<b>Vertical CS. Axis: height (H). Orientation: up. UoM: m.</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	42	
<i>Information source</i>	<i>Title</i>	ISO 19111 Geographical information - Spatial referencing by coordinates
	<i>Author</i>	International Organization for Standardization (ISO)
	<i>Publisher</i>	International Organization for Standardization (ISO)
	<i>Publication date</i>	2007-07-01
	<i>Edition</i>	Second Edition
	<i>Series/Journal name</i>	International Standard
	<i>Issue identification</i>	ISO 19111:2007
	<i>Data source</i>	ISO Geodetic Registry
<i>Remarks</i>	Used in vertical coordinate reference systems.	

## Axes

<i>Item class</i>	CoordinateSystemAxis	
<i>Name</i>	<b>Gravity-related height</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	35	
<i>Information source</i>	<i>Title</i>	ISO 19111 Geographical information - Spatial referencing by coordinates
	<i>Author</i>	International Organization for Standardization (ISO)
	<i>Publisher</i>	International Organization for Standardization (ISO)
	<i>Publication date</i>	2007-07-01
	<i>Edition</i>	Second Edition
	<i>Series/Journal name</i>	International Standard
	<i>Issue identification</i>	ISO 19111:2007
	<i>Data source</i>	ISO Geodetic Registry
<i>Remarks</i>	Used in a 1D vertical coordinate system.	
<i>Abbreviation</i>	H	
<i>Direction</i>	up	
<i>Unit</i>	metre	