

ISO Geodetic Registry

| | | |
|---------------------------|---|--|
| <i>Item class</i> | VerticalCRS | |
| <i>Name</i> | NZVD2009 - NOHt | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 438 | |
| <i>Alias</i> | New Zealand Vertical Datum 2009 | |
| <i>Alias</i> | NZVD09 | |
| <i>Information source</i> | <i>Title</i> | Standard for New Zealand Vertical Datum 2009 |
| | <i>Author</i> | Office of the Surveyor General |
| | <i>Publisher</i> | Land Information New Zealand |
| | <i>Publication date</i> | 2009-09-14 |
| | <i>Edition date</i> | |
| | <i>Issue identification</i> | LINZS25004 |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Scope</i> | Spatial referencing. | |
| <i>Datum</i> | New Zealand Vertical Datum 2009 | |
| <i>Coordinate System</i> | Vertical CS. Axis: height (H). Orientation: up. UoM: m. | |

Extent

| | | |
|--------------------------------|---|--------|
| <i>Description</i> | 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. | |
| <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 |

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|-----------------------------------|---|--|
| <i>Item class</i> | VerticalDatum | |
| <i>Name</i> | New Zealand Vertical Datum 2009 | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 170 | |
| <i>Alias</i> | NZVD2009 | |
| <i>Alias</i> | NZVD09 | |
| <i>Information source</i> | <i>Title</i> | Standard for New Zealand Vertical Datum 2009 |
| | <i>Author</i> | Office of the Surveyor General |
| | <i>Publisher</i> | Land Information New Zealand |
| | <i>Publication date</i> | 2009-09-14 |
| | <i>Edition date</i> | |
| | <i>Issue identification</i> | LINZS25004 |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Remarks</i> | Replaced by NZVD2016 from 2016-06-27. Normal orthometric heights. | |
| <i>Anchor definition</i> | New Zealand Quasigeoid 2009 which is defined by the application of the NZ quasigeoid 2009 grid to NZGD2000 ellipsoidal heights at epoch 2000.0. | |
| <i>Release date</i> | 2009-09-14 | |
| <i>Coordinate Reference Epoch</i> | 2000.0 | |
| <i>Scope</i> | Spatial referencing | |

Extent

| | | |
|--------------------------------|---|--------|
| <i>Description</i> | 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. | |
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| | <i>South-bound latitude</i> | -60.0 |

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|---------------------------|--|---|
| <i>Item class</i> | VerticalCS | |
| <i>Name</i> | Vertical CS. Axis: height (H). Orientation: up. UoM: m. | |
| <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> | Gravity-related height | |
| <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 | |