

ISO Geodetic Registry

| | | |
|---------------------------|--|---|
| <i>Item class</i> | GeodeticCRS | |
| <i>Name</i> | NZGD1949 - LatLon | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 443 | |
| <i>Alias</i> | NZGD49 | |
| <i>Alias</i> | GD49 | |
| <i>Information source</i> | <i>Title</i> | First-order Geodetic Triangulation of New Zealand 1909-49 and 1973-74 |
| | <i>Author</i> | L.P. Lee |
| | <i>Publisher</i> | Department of Lands and Survey, New Zealand |
| | <i>Publication date</i> | 1978 |
| | <i>Edition date</i> | |
| | <i>Series/Journal name</i> | Technical Series |
| | <i>Issue identification</i> | 1.0 |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Scope</i> | Spatial referencing. | |
| <i>Datum</i> | New Zealand Geodetic Datum 1949 | |
| <i>Coordinate System</i> | Ellipsoidal 2D CS. Axes: latitude, longitude. Orientations: north, east. UoM: degree | |

Extent

| | | |
|--------------------------------|--|--------|
| <i>Description</i> | New Zealand - onshore and nearshore - North Island, South Island, Stewart Island. | |
| <i>Geographic Bounding Box</i> | <i>West-bound longitude</i> | 165.87 |
| | <i>North-bound latitude</i> | -33.89 |
| | <i>East-bound longitude</i> | 179.27 |
| | <i>South-bound latitude</i> | -47.65 |

ISO Geodetic Registry

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|---------------------------|---|---|
| <i>Item class</i> | GeodeticDatum | |
| <i>Name</i> | New Zealand Geodetic Datum 1949 | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 108 | |
| <i>Alias</i> | NZGD49 | |
| <i>Alias</i> | GD49 | |
| <i>Alias</i> | NZGD1949 | |
| <i>Information source</i> | <i>Title</i> | First-order Geodetic Triangulation of New Zealand 1909-49 and 1973-74 |
| | <i>Author</i> | L.P. Lee |
| | <i>Publisher</i> | Department of Lands and Survey, New Zealand |
| | <i>Publication date</i> | 1978 |
| | <i>Edition date</i> | |
| | <i>Series/Journal name</i> | Technical Series |
| | <i>Issue identification</i> | 1.0 |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Remarks</i> | Replaced by New Zealand Geodetic Datum 2000 from March 2000. | |
| <i>Anchor definition</i> | Fundamental point: Papatahi. Latitude: 41°19' 8.900"S, longitude: 175°02'51.000"E (of Greenwich). | |
| <i>Release date</i> | 1949 | |
| <i>Scope</i> | Spatial referencing | |
| <i>Ellipsoid</i> | International 1924 | |
| <i>Prime Meridian</i> | Greenwich | |

Extent

| | | |
|--------------------------------|--|--------|
| <i>Description</i> | New Zealand - onshore and nearshore - North Island, South Island, Stewart Island. | |
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|---------------------------|---|--------------------------------|
| <i>Item class</i> | Ellipsoid | |
| <i>Name</i> | International 1924 | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 31 | |
| <i>Alias</i> | Hayford 1909 | |
| <i>Information source</i> | <i>Title</i> | Geodesy |
| | <i>Author</i> | W Torge, J. Muller |
| | <i>Publisher</i> | Walter de Gruyter GmbH, Berlin |
| | <i>Publication date</i> | 2012 |
| | <i>Edition</i> | Fourth |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Remarks</i> | Adopted by IUGG 1924 in Madrid. Based on Hayford 1909/1910 figures. | |
| <i>Semi-major axis</i> | 6378388.0 m | |
| <i>Inverse flattening</i> | 297.0 m | |

ISO Geodetic Registry

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|----------------------------|-------------------------------|---|
| <i>Item class</i> | PrimeMeridian | |
| <i>Name</i> | Greenwich | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 25 | |
| <i>Alias</i> | Zero meridian | |
| <i>Information source</i> | <i>Title</i> | Why the Greenwich meridian moved |
| | <i>Author</i> | S. Malys, J.H. Seago, N.K. Pavlis, P.K. Seidelmann, G.H. Kaplan |
| | <i>Publisher</i> | Springer International Publishing |
| | <i>Publication date</i> | 2015-12 |
| | <i>Series/Journal name</i> | Journal of Geodesy |
| | <i>Issue identification</i> | Volume 89, No. 12 |
| | <i>Page</i> | 1263–1272 |
| <i>Information source</i> | <i>Title</i> | IERS Conventions (2010) |
| | <i>Author</i> | G. Petit, B.J. Luzum (eds) |
| | <i>Publisher</i> | Verlag des Bundesamts fur Kartographie und Geodasie |
| | <i>Publication date</i> | 2010 |
| | <i>Edition date</i> | |
| | <i>Series/Journal name</i> | IERS Technical Notes |
| | <i>Issue identification</i> | 36.0 |
| <i>Data source</i> | <i>Other citation details</i> | ISSN: 1019-4568 |
| | ISO Geodetic Registry | |
| <i>Greenwich longitude</i> | 0.0 ° | |

ISO Geodetic Registry

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|---------------------------|---|---|
| <i>Item class</i> | EllipsoidalCS | |
| <i>Name</i> | Ellipsoidal 2D CS. Axes: latitude, longitude. Orientations: north, east. UoM: degree | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 43 | |
| <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 geographic 2D coordinate reference systems. Coordinates referenced to this CS are in degrees. Any degree representation (e.g. DMSH, decimal, etc.) may be used but that used must be declared for the user by the supplier of data. | |

Axes

| | | |
|---------------------------|---|---|
| <i>Item class</i> | CoordinateSystemAxis | |
| <i>Name</i> | Geodetic latitude | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 38 | |
| <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 geographic 2D and geographic 3D coordinate reference systems. | |
| <i>Abbreviation</i> | Lat | |
| <i>Direction</i> | north | |
| <i>Unit</i> | degree (supplier to define representation) | |

| | | |
|---------------------------|---------------------------|---|
| <i>Item class</i> | CoordinateSystemAxis | |
| <i>Name</i> | Geodetic longitude | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 34 | |
| <i>Information source</i> | <i>Title</i> | ISO 19111 Geographical information - Spatial referencing by coordinates |
| | <i>Author</i> | International Organization for Standardization (ISO) |

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| | <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 geographic 2D and geographic 3D coordinate reference systems. | |
| <i>Abbreviation</i> | Lon | |
| <i>Direction</i> | east | |
| <i>Unit</i> | degree (supplier to define representation) | |