ISO Geodetic Registry

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

Extent

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

ISO Geodetic Registry

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

Extent

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

ISO Geodetic Registry

Item class	Ellipsoid	
Name	**International 1924**	
Item status	VALID	
Identifier	31	
Alias	Hayford 1909	
Information source	*Title*	Geodesy
	Author	W Torge, J. Muller
	Publisher	Walter de Gruyter GmbH, Berlin
	Publication date	2012
	Edition	Fourth
Data source	ISO Geodetic Registry	
Remarks	Adopted by IUGG 1924 in Madrid. Based on Hayford 1909/1910 figures.	
Semi-major axis	6378388.0 m	
Inverse flattening	297.0 m	

ISO Geodetic Registry

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

ISO Geodetic Registry

Item class	EllipsoidalCS	
Name	**Ellipsoidal 2D CS. Axes: latitude, longitude. Orientations: north, east. UoM: degree**	
Item status	VALID	
Identifier	43	
Information source	*Title*	ISO 19111 Geographical information - Spatial referencing by coordinates
	Author	International Organization for Standardization (ISO)
	Publisher	International Organization for Standardization (ISO)
	Publication date	2007-07-01
	Edition	Second Edition
	Series/Journal name	International Standard
	Issue identification	ISO 19111:2007
Data source	ISO Geodetic Registry	
Remarks	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

Item class	CoordinateSystemAxis	
Name	**Geodetic latitude**	
Item status	VALID	
Identifier	38	
Information source	*Title*	ISO 19111 Geographical information - Spatial referencing by coordinates
	Author	International Organization for Standardization (ISO)
	Publisher	International Organization for Standardization (ISO)
	Publication date	2007-07-01
	Edition	Second Edition
	Series/Journal name	International Standard
	Issue identification	ISO 19111:2007
Data source	ISO Geodetic Registry	
Remarks	Used in geographic 2D and geographic 3D coordinate reference systems.	
Abbreviation	Lat	
Direction	north	
Unit	degree (supplier to define representation)	

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

	Publisher	International Organization for Standardization (ISO)
	Publication date	2007-07-01
	Edition	Second Edition
	Series/Journal name	International Standard
	Issue identification	ISO 19111:2007
Data source	ISO Geodetic Registry	
Remarks	Used in geographic 2D and geographic 3D coordinate reference systems.	
Abbreviation	Lon	
Direction	east	
Unit	degree (supplier to define representation)	