

ISO Geodetic Registry

<i>Item class</i>	Transformation	
<i>Name</i>	NZGD1949 to NZGD2000 [LINZv1]	
<i>Item status</i>	VALID	
<i>Identifier</i>	590	
<i>Information source</i>	<i>Title</i>	Standard for New Zealand Geodetic Datum 2000
	<i>Author</i>	Office of the Surveyor General
	<i>Publisher</i>	Land Information New Zealand
	<i>Publication date</i>	2007-11-16
	<i>Edition date</i>	
<i>Data source</i>	<i>Issue identification</i>	LINZS25000
	ISO Geodetic Registry	
<i>Remarks</i>	Lowest accuracy three parameter version of NZGD1949 to NZGD2000 transformation by LINZ. For slightly higher (4 m) accuracy accuracy use seven parameter transformation version LINZv2. For highest (0.1-1 m) accuracy use grid transformation version LINZv3.	
<i>Operation version</i>	LINZv1	
<i>Scope</i>	Spatial referencing.	
<i>Operation accuracy</i>	5.0 m	
<i>Source CRS</i>	NZGD1949 - LatLon	
<i>Target CRS</i>	NZGD2000 - LatLon	
<i>Operation method</i>	Geocentric Translation (geographic 2D domain)	

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

Operation parameter values

<i>X-axis translation</i>	54.4 metre
<i>Y-axis translation</i>	-20.1 metre
<i>Z-axis translation</i>	183.1 metre

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<i>Item class</i>	OperationMethod
<i>Name</i>	Geocentric Translation (geographic 2D domain)
<i>Item status</i>	VALID
<i>Identifier</i>	72
<i>Alias</i>	Geocentric Translation
<i>Alias</i>	Geographic Translation
<i>Alias</i>	Coordinate Translation
<i>Data source</i>	ISO Geodetic Registry
<i>Remarks</i>	This method is similar to the Coordinate Frame Translation in the geographic 3D domain but in the geographic 2D domain. See geocentric Cartesian and geographic 3D variants of this method for transformations of other CRS types.

Operation parameters

<i>X-axis translation</i>
<i>Y-axis translation</i>
<i>Z-axis translation</i>