Taranaki 1970 to NZGD2000 Conversion

Title
: Taranaki 1970 to NZGD2000 Conversion

Creator
: LINZ - Land Information New Zealand

Date
: 2016-06-27

Description
: The TNK70-NZGD2000 grid enables the conversion of normal-orthometric heights from the Taranaki 1970 local vertical datum directly to New Zealand Geodetic Datum 2000 (NZGD2000) ellipsoidal heights. TNK70-NZGD2000 is published on a one arc-minute grid (approximately 1.8 kilometres) extending over the benchmarks that nominally define the extent of the Taranaki 1970 vertical datum (173.6° E to 176.4° E, 38.3° S to 41.1° S). The conversion value is represented by the attribute “delta”, in metres. This grid is a combination of New Zealand Quasigeoid 2016 [NZGeoid2016](https://data.linz.govt.nz/layer/3418) and the [TNK70-NZVD2016](https://data.linz.govt.nz/layer/3444) height conversion grid. Where NZGeoid2016 is the reference surface for the New Zealand Vertical Datum 2016 (NZVD2016), while the TNK70-NZVD2016 grid models the difference between the Taranaki 1970 vertical datum and NZVD2016 using the LINZ GPS-levelling marks. More information on converting heights between vertical datums can be found [on the LINZ website] (http://www.linz.govt.nz/data/geodetic-services/coordinate-conversion/converting-between-nzvd2016-nzgd2000-and-local-vertical-datums).

Source
: **TNK70-NZGD2000 Version 20160627** This grid is a combination of New Zealand Quasigeoid 2016 [NZGeoid2016](https://data.linz.govt.nz/layer/3418) and the [TNK70-NZVD2016](https://data.linz.govt.nz/layer/3444) height conversion grid. TNK70-NZGD2000 is published on a one arc-minute grid (approximately 1.8 kilometres) extending over the benchmarks that nominally define the extent of the Taranaki 1970 vertical datum (173.6° E to 176.4° E, 38.3° S to 41.1° S). The conversion value is represented by the attribute “delta”, in metres.

Coverage
: -41.1 173.6 -38.3 176.4

Identifier
: https://data.linz.govt.nz/layer/53443-taranaki-1970-to-nzgd2000-conversion/

Type
: grid

Language
: eng

Subject
: New Zealand

Subject
: LAND-Geodesy

Subject
: LAND-Cadastre

Subject
> LAND-Topography

Subject
> location