

Title: New Zealand base station site distribution data

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Where are New Zealand Geodetic stations located?

These are located in areas of geophysical interest, usually on the East Coast of the North Island. More info here SAGENZ - stations funded by the University of Otago, GNS Science, MIT, University of Colorado and UNAVCO. These Southern Alps Geodetic Experiment - New Zealand stations are generally semi-continuous sites.

How can a reference station position be determined in New Zealand?

variation epoch position. In New Zealand determining accurate reference station coordinates can be a challenging task as the country crosses an active plate boundary. Large earthquake events are relatively easy to deal with as a new position for one or more reference station can be determined after the event and the si

Where do coordinates come from nzgd2000?

Coordinates are from the LINZ Geodetic Database, in NZGD2000. These are split into several different networks: PositionNZ - stations predominantly funded by LINZ, with some GeoNet funding. These provide a nationwide coverage of ~120km spacing. More info here GeoNet - stations funded by the GeoNet project.

How do I download geographic data for New Zealand?

Use Geographic data service Search, browse, and download geographic boundaries for New Zealand, and a selection of statistical data, including census data, in spatial formats. You can download the data in a range of formats and coordinate systems. Formats include API (JSON and XML), WFS, and CS-W 2.02.

The Toitu Te Whenua PositionNZ network currently consists of 37 continuously operating reference stations (CORS) located throughout ...

This data is available in hourly or daily data files and can be downloaded from PositionNZ (LINZ website). The real-time (PositionNZ-RT) service also provides GNSS data in an open format ...

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The NZGD2000 Government CORS provides the locations of GNSS Continuously Operating Reference Stations operated by GNS ...

The database contains information around networks, station geographical location, installed scientific

equipment and their deployment history, calibration files and essential ...

The NZGD2000 Government CORS provides the locations of GNSS Continuously Operating Reference Stations operated by GNS Science under the GeoNet project ...

We compute a daily position for each of our stations so we can track the deformation caused by the interaction of the Australian and Pacific ...

The Toitu Te Whenua PositionNZ network currently consists of 37 continuously operating reference stations (CORS) located throughout New Zealand (including the Chatham Islands) and ...

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