



Usage of the NTv2 grids of Switzerland

The Federal Office of Topography swisstopo has developed several methods for the modelling of the distortions of the reference frame LV03 (reference system CH1903).

2 data sets (among others) have been produced in the format NTv2 (National Transform version 2) as defined by NRC (National Resources Canada), which model the differences between CH1903 and modern, GNSS-based reference frames. These are the following:

- CHENyx06.gsb (differences between CH1903 and CH1903+ (reference frame LV95)
- CHENyx06_ETRS.gsb (differences between CH1903 and ETRS89)

These data sets have a global accuracy over Switzerland in the order of 2 cm. The data set CHENyx06_ETRS.gsb may be used as well as a good approximation for the transformation to WGS84.

These data sets may be freely distributed as long as the content is not changed. Possible errors should be reported to swisstopo.

The latest versions can be downloaded at:

<http://www.swisstopo.admin.ch/internet/swisstopo/en/home/products/software/products/chenyx06.html>

On the same page, some more information about the transformation can be found.

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