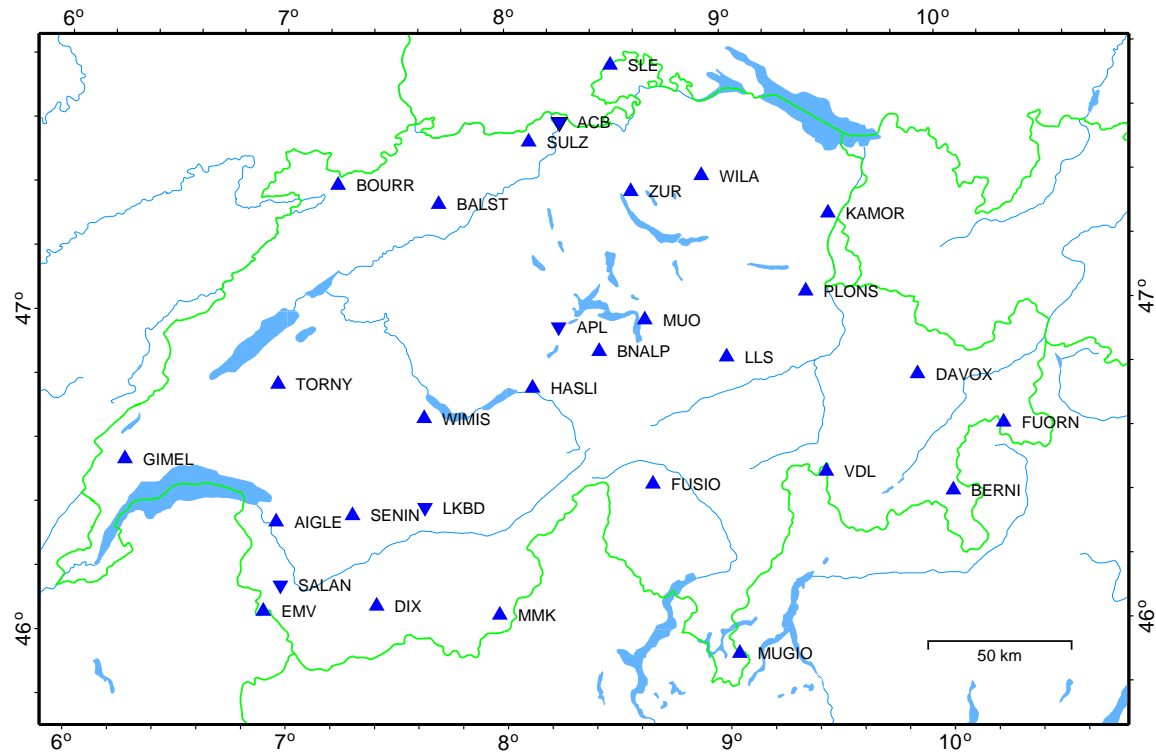


Status report for the Swiss seismic network CHNet

During the 2001 the Swiss digital seismic network was expanded to 26 broadband stations equipped with STS2 seismometers and and 4 short period stations with LE3D5 sensors (see map). In addition, the Swiss seismological service operates a strong motion network of approximately 60 accelerographs.



The data acquisition system by Nanometrics stores continuous data for the BB and SP stations in a ring buffer of 10 days at a sample rate of 120 Hz. At the data centre, we archive all continuous data at the original sampling rate since August 1999. While all data can be requested through AutoDRM by e-mail (autodrm@seismo.ifg.ethz.ch), four stations are continuously transmitted to ORFEUS in real time.

Event detection is performed on the NAQS systems. Events are processed automatically for location, magnitudes and moment tensor determinations.