



Stability of Czech GNSS sites used for reprocessed coordinate estimation.

V. Filler

Research Institute of Geodesy, Topography and Cartography, Geodetic Observatory Pecny, Zdiby, Czech Republic
(vrataf@centrum.cz)

Local Analysis centre GOP (Geodetic Observatory Pecny) is actually reprocessing nearby 50 permanent GNSS sites at Czech Republic area to estimate precise coordinates in latest ETRS realization.

For the most of the sites, around 3 years time series are available; this amount of observations allows to test stability of the sites in mm level both in horizontal and vertical direction.

For processed sites, coordinate shifts, secular and periodic changes are estimated to confirm an usability of particular sites for the top level of European Terrestrial Reference Frame densification at Czech Republic area.