

EARTHQUAKES IN SLOVAKIA

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Territory of Slovakia can be characterized by a low-to-moderate earthquake activity. The earthquake catalogue includes 812 macroseismically observed earthquakes since 1034 and more than 2300 seismometrically localized earthquakes since 1930. Documentation was sporadic before the exceptional earthquakes in 1763 and 1783 near the city of Komárno.

In addition to the Komárno earthquakes, earthquakes in central Slovakia in 1443, near the city of Žilina in 1858 and near Dobrá Voda in 1906 had macroseismic effects on relatively large areas and indicate a potential of future earthquakes in the territory of Slovakia.

In our presentation we focus on results of recent investigations of the historic documentation of the Komárno earthquakes, and historical earthquake activity of the Dobrá Voda source zone (with Smolenice being its part).

