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Seismological Observations in Belarus

Belarus and the Baltic States comprise the single seismotectonic region described by the similar geological evolution and common recent geodynamic conditions. The region shows a rather low seismic activity, however some seismic events with a magnitude M ≤ 4.5 were recorded within its limits. Instrumental seismic observations started in the territory of Belarus in 1965 at the Pleshchenitsi geophysical observatory. At a later time the seismic network development was associated with investigations of the seismic regime and the territory division into the seismic regions, the study of deep structure. Seismological monitoring within the studied period was carried out by continuous observations at the sites as follow: geophysical observatories "Minsk" (Pleshchenitsi), "Naroch" and seismic stations "Soligorsk"(local network), "Brest", "Gomel", "Glushkevichi", "Mogilev", "Polotsk", "Ostrovets" (local network). The seismicity of the territory of Belarus has recently received a thorough study. Full advantages were taken of the results of continuous instrumental observations presented in bulletins of seismic stations within 1965-2012. When the data available in seismological bulletins of the seismic stations of Belarus were analyzed and summarized, a Catalogue of Earthquakes of the territory of Belarus since 1887 till 2012 was compiled with a due regard for historical earthquakes revealed.

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