



Chuya earthquake (results of five-years research)

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On September, 27, 2003, in Gorny Altay (the Chuya river valley, between Chuya and Kuray cavities) an earthquake occurred in 11.33 AM, 23.3 sec by Greenwich (MS=7.3, the epicenter coordinates are: latitude 50.04 North, longitude 88.07 East). It is the largest earthquake in the territory of Altay-Sayn folded area for the instrumental period of seismic observations. This event was called "Chuya Earthquake". The epicenter was located in the center of a local network of digital seismic stations, which was organized in August, 2002 and called as "Altay-Sayan seismological ground". The network, consisted of 10 stations in August, 2002; was supplemented with two stations in summer of 2003. In these years networks of temporary stations were located two times in the zone of the future earthquake. After the main shock in the epicenter zone it was located a network of temporary stations again. The paper presents results of research of seismic process in Chuya-Kuray zone before and after Chuya Earthquake, there are also presented some view on development of this seismic activity.