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# of Kazakhstan's Stations of the National Nuclear Center into Global and Regional Monitoring

The monitoring network of the National Nuclear Centre (NNC) includes four seismic and one infrasound station, which are part of the International Monitoring System (IMS). In addition to these stations, the AFTAC arrays, the IRIS-NNC stations located on the territory of Kazakhstan, 11 three-component and two infrasound arrays of the NNC participate in global and regional monitoring as part of the NNC network. All data are collected and processed at the Kazakhstan National Data Centre. This report presents information on the contribution of Kazakhstani stations to REB by the number of associated phases in comparison with other IMS stations. Kazakhstan IMS stations are quite effective in monitoring and are among the best in terms of the number of associated phases among other IMS stations. This is confirmed by the maps of minimum magnitude epicenters and the ratio of the number of events by Kazakhstan stations to the total number in the Reviewed Event Bulletin (REB). At the regional level, the nature of events is discriminated and marked - earthquakes, industrial explosions, induced events. The real accuracy of determining the location of CA events in REB can be estimated by GT events. A collection of such events on the territory of Kazakhstan and an analysis of location accuracy are carried out.

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