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## RECORDS OF NUCLEAR EXPLOSIONS IN ARCHIVES OF THE INSTITUTE OF GEOPHYSICAL RESEARCH

The Institute of Geophysical Research of the Republic of Kazakhstan possesses a large archive of analog records of nuclear explosions. The whole IGR archive can be conditionally divided into three parts: the records of former SSC MD USSR – the archive of Borovoye Observatory (1966 – 1990) and Kurchatov Observatory (1973 – 1996), and the records of the CSE IPE AS USSR – the archive at KNDC (Almaty) (1951 – 1996). The KNDC archive contains records of nuclear explosions conducted in different mediums at different Test Sites of the world and recorded by stations installed on the USSR territory. The archive also contains the records of large chemical explosions, earthquakes and other events. In addition to seismic records, the archive contains the records of microbarograph, strainmeter, tiltmeter. The total amount of analog seismograms at KNDC archive exceeds 300 000. The report shows the description and history of the IGR archive compilation, presents some examples of different nature events. One of the priority tasks of the IGR is saving of available historical seismograms. During past twenty years, under support of different foreign Organizations, the Institute has been conducting works on records scanning and digitizing. To date, about 10000 seismograms were digitized.

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