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Infrasound Artifacts Recorded on the Ukrainian Experimental Infrasound Network

Ukrainian experimental infrasound network consist of two small aperture infrasound arrays. All array has 3-4 elements and equipped by micro barometers K-304-A type and have aperture around 130-150 m.
Traditional CTBTO data processing using the 20 Hz simple rate and frequency band about 0.02 .. 4.0(8.0) Hz. In the Ukrainian infrasound arrays uses data with 40 Hz simple rate (and possible up to 80 Hz in case modification of micro barometers). Full current frequency band for research is around from 0.003 to 10-16 Hz.
In the data of "western" array (location Kamenets-Podolsky) using the data processing in "non-CTBTO" frequency sub bands the specific infrasound signals (artifacts) were detected. Some of high frequency signals were identified like signals from area of river Power station on the distance about 50-70 km to east. And some high and low frequency signals were not identified to man-made or natural sources. It mean that necessary to proceed research for studying of the atmospheric processes in area of Ukraine for good understanding they.

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