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Infrasound observations at Panska Ves, Czech Republic

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Infrasound detection bulletins have been estimated for the infrasound array at Panska Ves (50°31'N 14°34'E). The signal arrivals in the frequency range 0.05-4 Hz were analysed. The bulletins are available from May 2014 to the present.
From mid-September to beginning of April, arrivals of signals of frequencies 0.1-0.4 Hz from the North West dominate. The azimuths of 290-340° correspond to the position of microbarom source regions in the Northern Atlantic, south of Greenland (Landes, M. et al., 2012, J. Geophys. Res.). Signal elevations between 20° and 40° were most frequent.
In summer (May-August), transient signals with highly variable azimuths of arrival frequently occur. Signal arrivals were repeatedly observed from the North East and from the South East. However, a stable source analogous to the microbarom source in Northern Atlantic was not found for signals arriving at Panska Ves array in summer.