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Recording of internal gravity waves and infrasound waves from the warm and cold fronts in Moscow region

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The results of recording of internal gravity waves and infrasound waves from the warm and cold fronts associated with the atmospheric storm passing through Moscow on May 29, 2017 are presented. The waves were recorded by a network of 4 microbarographs IFA-MGU-MSR- ZNS located in Moscow and Moscow region. It was obtained the temporal changes in the characteristics of IGWs and infrasound waves such as coherence, direction of propagation, phase velocities, characteristic periods and frequency spectra with the passage of warm and cold fronts through the network.

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