

Infrasound signals propagated from volcanic eruption detected at long distances

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The infrasound signals generated by the eruption of Showa Crater of Sakurajima Volcano on 5 February 2016 was observed at microbarograph array in Mie, Isumi and Ofunato. Mie is 640 kilometers to the northeast of Sakurajima Volcano, Isumi is 990km and Ofunato is 1,300km. This event was reported at JpGU2017. Another event of Sakurajima Volcano eruption was recorded at microbarographs in Mie and Isumi. According to the weather conditions of that day, these infrasound signals of both stations are presumed to propagate around the ground surface. Celerity were about 0.34km/s at both stations.

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