

Infrasound waveforms observed in IS30

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Infrasound monitoring station (IS30) is located in Isumi-Town, Chiba pref., about 60km southeast of Tokyo. It is one of the 321 Monitoring Stations of various methods that constitute the International Verification System established by the provision of the Comprehensive Nuclear-Test-Ban Treaty. This station is array designed 6 sensors, pentagon (1.2km on a side) + 1 (center).

Japan Weather Association (JWA) has been observing infrasound signal waveforms since Dec. 2004. In the last year's presentation, we showed the result of analysis for the infrasound waveforms excited by the small eruption of Miyake-volcano, which occurred on 2nd December 2004. In this presentation, we show the observed infrasound waveforms, which seem to be excited by the Miyagi-Oki earthquake occurred on 16th Aug. 2005, eruptions of Miyake-Volcano, fireballs, passes of typhoon etc.