

## Seismic observation in Kusatsu-Shirane volcano

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The Kusatsu-Shirane volcano is observed by the one borehole seismometer of Volcanic Fluid Research Center, Tokyo Institute of Technology. However, the seismic observation is not high resolution, because the record system of the present condition is an analog record. Therefore, the frequency and the hypocenter of the volcanic earthquakes, which occurred with the Kusatsu-Shirane volcano, were not studied. Thereupon, the construction of two seismic stations and the digitalization of the record system from the fiscal year 2001 are decided. As this preparation, we are recording the seismic waves with a digital recorder in the established point from November, 2000. This report discusses the seismic activity of the Kusatsu-Shirane volcano that was obtained by this observation.