

Eruptive activity of Shinmoedake Volcano

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Shinmoedake volcano is one of the members of Kirishimayama volcanoes group, located in Kyushu, southwestern Japan. Major eruptions occurred in 1716 ? 1717, fall out deposits, pyroclastic flows and mudflows were widely dispersed around the volcano. Recently, small phreatic eruption occurred in 1959 and 1991. After Shinmoedake volcano repeated phreatic eruption on August, 2008 and during March ? July 2010, started magmatic eruptions from 19 January, 2011, after 300 years dormancy.

Fukuoka Volcano Observation and Information Center, JMA and Kagoshima Local Meteorological Observatory, JMA monitor Shinmoedake volcano for 24 hours a day. Based on an analyzed result of monitoring, a volcanic warning is released. In this presentation, we report about 2010 - 2011 eruptive activity of Shinmoedake volcano with the observational data mainly by the JMA.