

Volcanic and seismic activities in and around the Ontake volcano

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The relation between the volcanic activity and seismic activity in and near the Ontake volcano is discussed. The volcanic activity of the Ontake volcano is not so active. In this winter, there occurred many shallow seismic events and the tremor just beneath the summit of the Ontake volcano.

The relation between volcanic and seismic activities are not recognized at the volcanic eruptions of the Ontake volcano in 1979 and in 1991, characteristicly. Activity of the deep events related to the volcanic activity that occurred beneath the Ontake volcano with the depth of 20 to 40 km has the relation with the swarm activity around the Ontake volcano.

The events in this winter seem to activate the surrounding swarm activity.