

Volcanic activity of Miyakejima volcano in 2000-2001

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The volcanic seismic activity began at Miyakejima volcano on 26 June 2000.

The hypocenters migrated westward and on the morning of 27 June, discolored water considered as submarine eruption was observed off the western coast of Miyakejima.

From 4 July, small earthquakes under the summit of Miyakejima, increased. At the first eruption at the summit on 8 July, a large pit crater was formed with a diameter of 1,000m and a depth of 200m.

On 18 August, the largest eruption occurred and ash fall was reported almost over the island of Miyakejima. On 29 August, a large eruption occurred again and was accompanied with low temperature pyroclastic flows.

No typical eruptions have occurred since September, but SO₂ emission rates continued with 20 to 50 kiloton/day.