

## Observation of the Miyakejima 2000 caldera

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Miyakejima 2000 caldera have not enlarged much since September 2000 except several small collapses of caldera wall. Relatively large collapses occurred at late September 2000, middle March 2001 and early December 2001.

The new caldera was formed slightly northward than Haccyodaira caldera which formed at 2500 years ago. Thus, northern caldera wall may exposed pre-Haccyodaira caldera deposits and southern caldera wall may do post-Haccyodaira caldera deposits.

Scoria layers, agglutinate, thin lava flows and dikes are dominative in the northern caldera wall. In contrast, thick lava flows are dominative in the southern wall.