

## Chronology and deposits of Aug. 18 eruption event in Miyakejima 2000- eruption

# Jun'ichi Itoh[1], Akira Takada[2]

[1] Volcano. Sec., Environ. Geol. Dep., GSJ, [2] AIST

Chronology of Aug. 18 eruption event in Miyakejima 2000- eruption is summarized based on field survey and eruption witnessing testimony. The Aug. 18 eruption event is composed of two eruption phases. In the first eruption phase, violent eruptions continued intermittently around one hour, and volcanic ashes rich in accretionary lapillis covered on the west side of Miyakejima Island. After that the second eruption phase started. In this phase, eruption activity gradually becomes calm. The fine volcanic ash covered most of the islands. Cauliflower-shape bombs and lapillis were ejected in this phase. The second eruption phase continued about 2 hours and half.