

Reexamination about two eruptions of Mt. Tarumai in the Meiji era

Hiromitsu Oshima[1]

[1] Usu Volcano Observatory, Hokkaido Univ.

Mt. Tarumai, which is capped with lava dome in the summit, is one of the active volcano in Hokkaido, Japan. A eruption record counts dozens of times since 1667. Eruptions in 1667 and 1739 are large pumice eruption with pyroclastic flows, which is well investigated through geological studies. Meanwhile, the 1874 and 1909 eruptions in Meiji era, have not been discussed about the feature and the sequence of these eruption because the scale of eruption is small and most of pyroclastic deposits do not remain, although these eruptive activities were well documented and investigated by Tanakadate[1917], Omori [1917], and Ishikawa [1972].

Now, about 100 years pass from the 1909 eruption, and then we reexamined two eruptive activities to provide basic data for prediction of the sequence of future eruption.