

Aeromagnetic survey on Asama Volcano

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We made an aeromagnetic observation using helicopter on Asama volcano in October, 2005. The purpose of our observation is

1. clarify large area magnetization structure of Mt. Asama(difference and basic structure. etc. of old and new mountain body)
2. detect the demagnetization region associated with the eruption of Sep., 2004.
3. detect the temporary change of geomagnetic field according to the transition of the volcanic activity from repeated aeromagnetic survey (low advanced, deliberate flight in the activity region) in the future.

In our presentation, we will report the analytical result of obtaining from these data.