

Aeromagnetic survey in Aso Volcano.

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To investigate the magnetic structure of the central cones of Aso Volcano, we conducted the aeromagnetic surveys in November of 2000. We measured along 18 parallel N-S lines with 250 m spacing around the center part of the central cone of Aso Volcano using portable high sensitivity Overhauser effect magnetometer. The altitude of flight was kept about 200 to 300 m above the terrain. The dipole anomalies appear around Kishima-dake and Ojyo-dake and the magnetic highs occur around northern part of Mt. Naka-dake.