

Geothermal observation by the air-borne MSS, VAM-90A, at the Iwate-san volcano

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Geothermal observation was performed at the Iwate-san volcano by using the air-borne MSS, VAM-90A. In 1998 the surface temperature of Iwate-san was observed in September and November, and no anomalous temperature increase was detected. Since early 1999 fumarole activity at the western part of Iwate-san has increased. The temperature observation on October 1 in 1999 detected temperature increase at geothermal area in the western part of Iwate-san, around Mt. Kurokura-yama. The temperature increase is about 10 degree. The maximum temperature at the 1999 observation is 50 degree at Mt. Kurokura-yama.