

Simultaneously observed geoelectric potential changes in central Japan

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Simultaneous geoelectric potential anomaly appeared at Hakuba, Matsushiro, and Outaki stations in Nagano prefecture on January 17, 1999. These are rectangular- shaped anomalies with duration of 27 minutes (from 01:36 to 02:03) and the amplitude about 1.9, 2.0, 1.2mV/100m at Hakuba, Matsushiro and Outaki stations, respectively. It is the first time to detect this kind of anomaly since October, 1998 when we started to observe. It is very interesting to find out the increase of the seismic activity near Itoigawa-Shizuoka tectonic line after January 28, 1999. The detailed analysis and increase of events will be expected in the future study.