

STT073-03

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## Temporary earthquake observation in northern part in the Kinki region

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It is a purpose of this plan to observe many earthquakes arranged seismometer densely in the Kinki region middle northern district of concentrated strain zone that is the one of the areas where an active fault is concentrated most in the Japanese Islands, and to detect any inhomogeneous structure influenced Strain accumulation, and to clarify the relation between Strain accumulation and Earthquake occurrence mechanism. We estimated the seismic records acquired by the MANTEN off-line stations in the middle and northern Kinki district. The observation period was one year; from November in 2008 to November 2009. We evaluated both the quality of data (S/N ratio, lack of data, shape of seismogram etc.) and the easiness of operating equipments (KVS-300 and EDR-7000)

Keywords: arranged seismometer densely, easiness of operating, MANTEN,  
Temporary earthquake observation