

Continuous observations of the crustal movement at observation network of crustal activities around the Hyuganada region of Kyushu

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Two M 6.6 earthquakes occurred at the center part of Hyuganada Sea, east off Kyushu, in November and December, 1966. Continuous strain observations in the vault at Miyazaki Observatory, DPRI, Kyoto Univ., apart 52 km and 19 km respectively from the epicenters of each event, revealed increase in strain rates from 7 months before of the occurrence of the first event and keep that higher rates until now. The principal axes of the strain increase are characterized by extension axis in N-S or NNW-SSE direction, and that is reverse sense of those by the strain steps at the two earthquakes.