

Continuous observation of crustal deformation in Nokogiriyama Observatory

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We report the result of the secular variation of strain and tilt changes observed by three extensometers and tiltmeters in Nokogiriyama Observatory for the period between October 1992 and January 2000. Strain rates of north-south, east-west and northeast-southwest components are ± 1.1 , 0.057 and ± 0.77 micro strain per year. Tilt rates of north-south and east-west components are 0.2 and 0.6 micro radian, respectively. These change rates are consistent to the results of horizontal strain and leveling observed by GSI.