

Examination on non-secular variation of relative gravity change along Omaezaki, Kakegawa to Haruno, Central Japan.

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Precise relative gravity measurements using a SCINTREX CG-3M meter have been repeatedly carried out around Omaezaki area (from Haruno into Omaezaki, via Kakegawa) at intervals of about 3 months from July, 1997 to December, 1999 to

detect the temporal and spatial changes in gravity. The accuracy of the CG-3M meter was evaluated to be less than 5 microgals from the standard deviations derived from the least square solution of the relative gravity values and the instrumental drift. On the southeast side of Kakegawa, relative gravity increases annually as it goes southeastward. No significant gravity changes was detected during the period concerned.