

Ground-tilt observation in and around Mt.Iwate

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We fixed 6 tiltmeters during the time from November 1998 until January 1999, and started ground-tilt observation in and around Mt.Iwate. Those tiltmeters are very small, light and easy to fix. They also have high resolution (1 nano-radian) and wide dynamic range (10 degrees from vertical). Each tiltmeter begin to record stable data in 3 weeks after the fix, and we can see some ground-tilt change caused by the Earth tide movements. We don't catch any ground-tilt change caused by volcanic tremors or earthquakes until January 1999.