

Foreshock and aftershock activity of earthquake occurred near Matsushiro on October 29,1999

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I determine hypocenter of foreshocks and aftershocks activity of earthquake occurred near Matsushiro on October 29,1999 using master-event method. Hypocenter distribution of aftershocks is elongated northwest-southeast direction. Focal mechanism determined by NIED has two nodal planes. Hypocenter distribution of aftershocks is coincident with one of the nodal plane of northwest-southeast direction. Hypocenter of foreshocks is in a small area. Initial motion distribution of foreshocks and mainshock is almost same, so mechanism of foreshock is almost same. But, mainshock initial motion is different from foreshocks initial motion on Matsushiro station, so mechanism of the mainshock is little different from mechanism of foreshocks.