



Man-made structures built on reclaimed area or on old river courses suffered great 'ground failure damage' due to the quicksand phenomena. The Shōwa Bridge just completed half a month ago was not only damaged at its approaches but also had two piers broken and five of its twelve girders fallen down into the river Shinano.

The earthquake vibration was not so strong although severe 'ground failure damage' was caused in the Niigata City. At the premises of this collapsed apartment house the earthquake force was less than twenty percent of the force of gravity according to the strong motion accelerometer record.

This building itself was almost intact without even a hair crack in the walls.

(By courtesy of the Niigata Daily News)