

Changes of groundwater level and others in Kinki area associated with the West Off Fukuoka Prefecture Earthquake(M7.0)

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AIST,GSJ has been observed groundwater at 40 sites (48 wells) in and around Tokai, Kinki area which located from 200km to 900km of epicentral distance for the West Off Fukuoka Prefecture Earthquake (M7.0). Change of groundwater level and others associated with this earthquake were observed at our observation wells. Water level decreased at 2 wells and increased at 5 wells within 23 wells, which located near than 500km from epicenter. And oscillation of water level caused by seismic wave was observed at 13 wells within 46 wells near than 800km. But, by reason of 2 minutes sampling interval, this statistics has underestimation. We have 12 strain meters in this area. Change of strain observed at 11 wells within 12 wells in this area.