

Primary Damage Caused by Niigata Chuetsu Earthquake

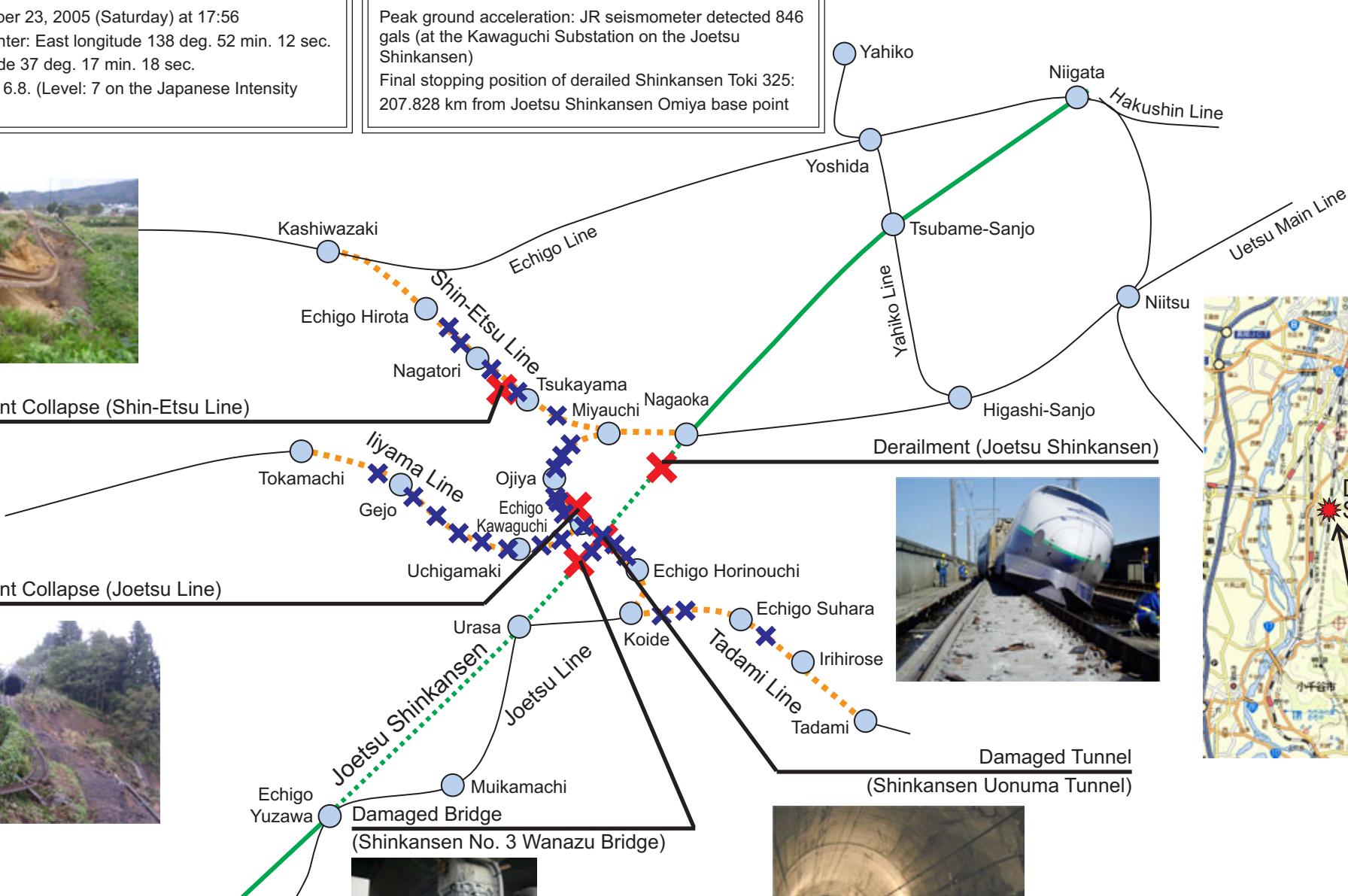
Reference

Date: October 23, 2005 (Saturday) at 17:56
Seismic center: East longitude 138 deg. 52 min. 12 sec.
North latitude 37 deg. 17 min. 18 sec.
Magnitude: 6.8. (Level: 7 on the Japanese Intensity Scale)

Peak ground acceleration: JR seismometer detected 846 gals (at the Kawaguchi Substation on the Joetsu Shinkansen)
Final stopping position of derailed Shinkansen Toki 325: 207.828 km from Joetsu Shinkansen Omiya base point



Embankment Collapse (Shin-Etsu Line)



Sections where operations were stopped