

Short note on the Noto (Japan) earthquake 2007/03/26

Yoshi Fukushima

USGS page

<http://earthquake.usgs.gov/eqcenter/recenteqsww/Quakes/us2007aiae.php>

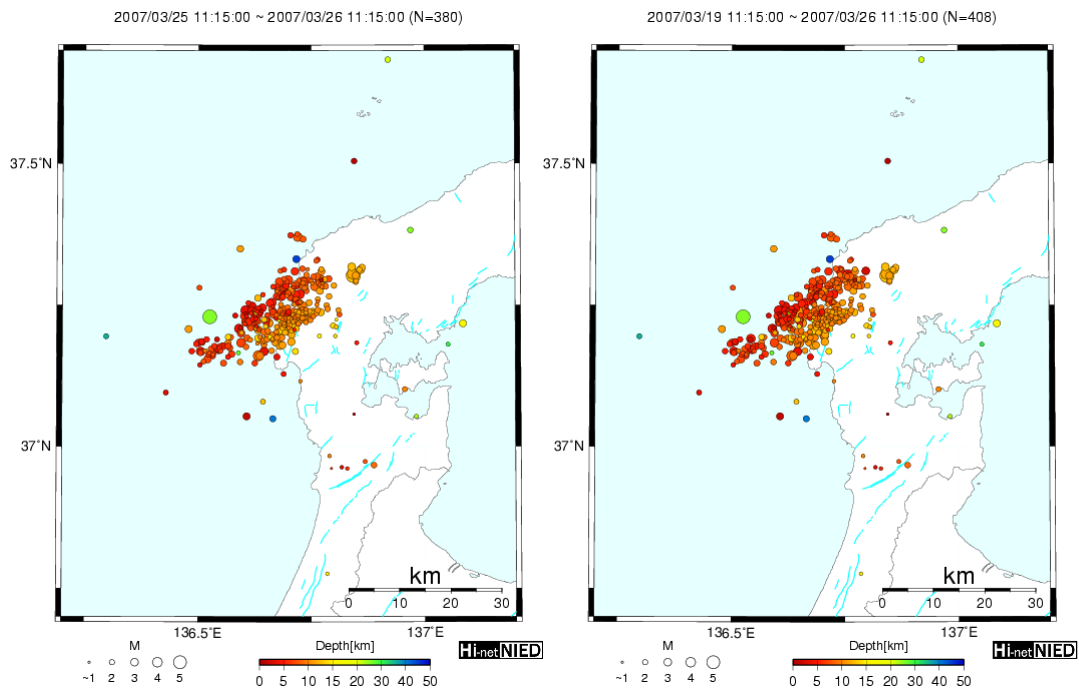
I will send you brief information.

You will be able to see distribution of aftershocks on

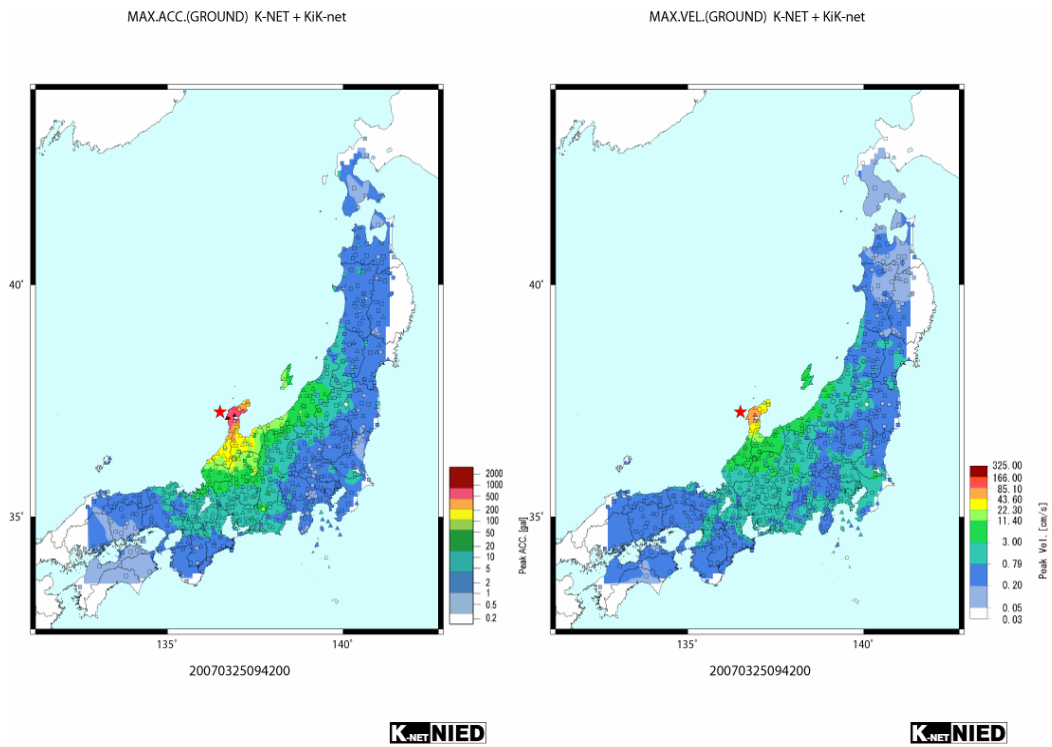
<http://www.hinet.bosai.go.jp/topics/noto070325/>

Please click left second button just below title.

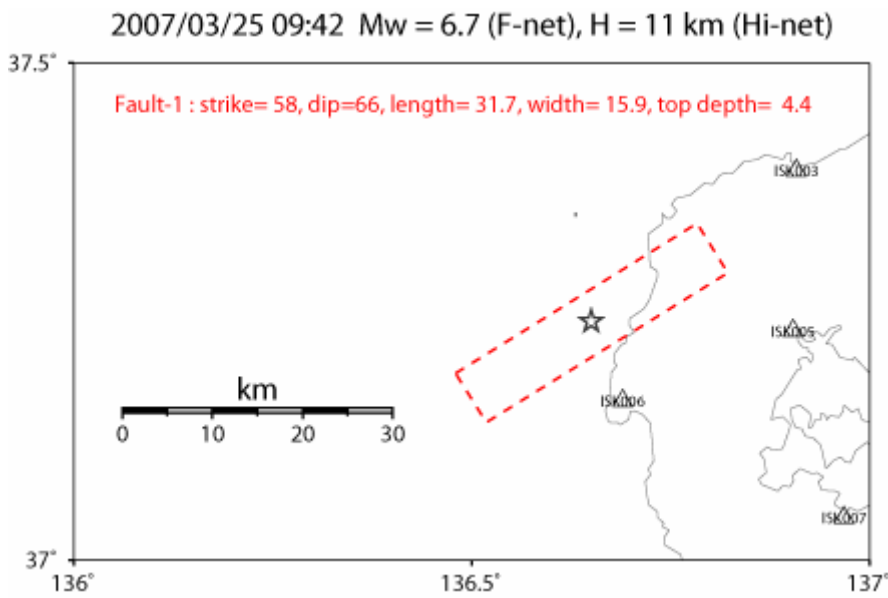
Upper in 24 ours and below is 1 week.



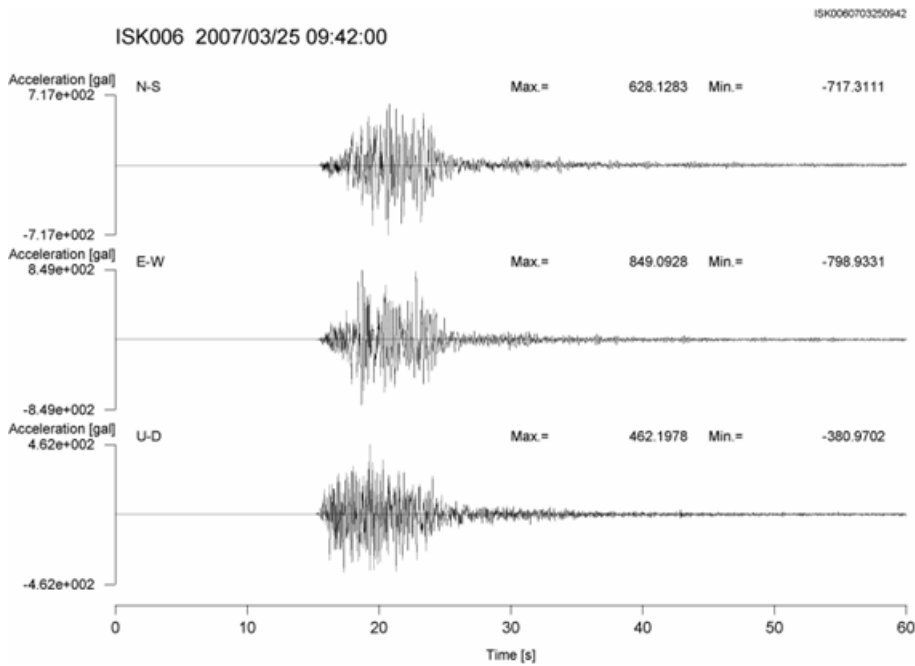
You can also see PGA and PGV distribution in a button of right end.



As well as, a tentative fault plane was indicated with a red dotted broken rectangular.

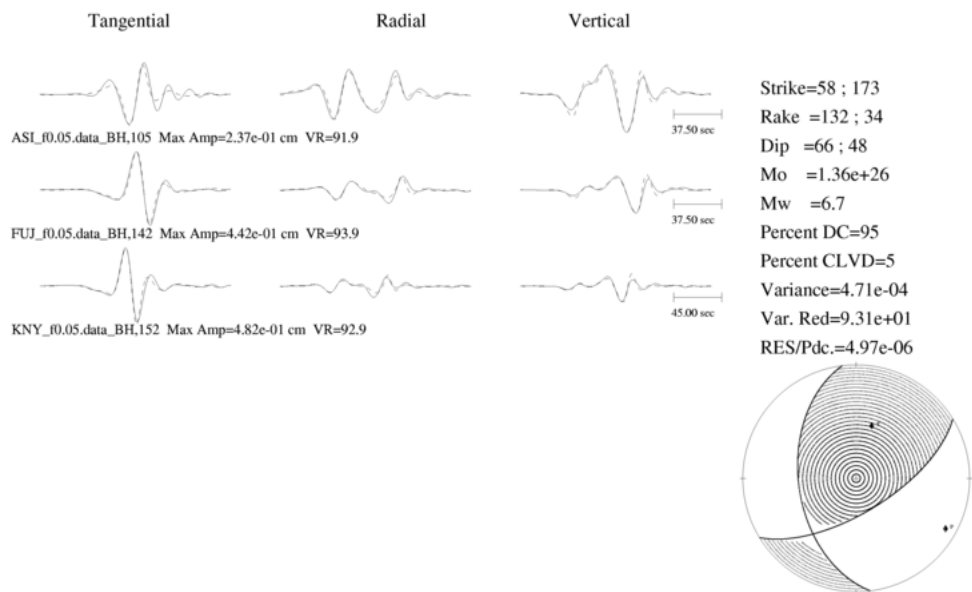


Bottom is a largest record in K-NET.



It is reverse mechanism as indicated in

<http://www.fnet.bosai.go.jp/freesia/event/tdmt/20070325004100/update1/index-j.html>



Event origin published by JMA is tentatively as:

<http://www.jma.go.jp/jma/press/0703/25b/20070325shingen.html>

25/03/2007, 9:42(JST) Mjma=6.9, focal depth=11km

37d13.2mN, 136d41.1mE

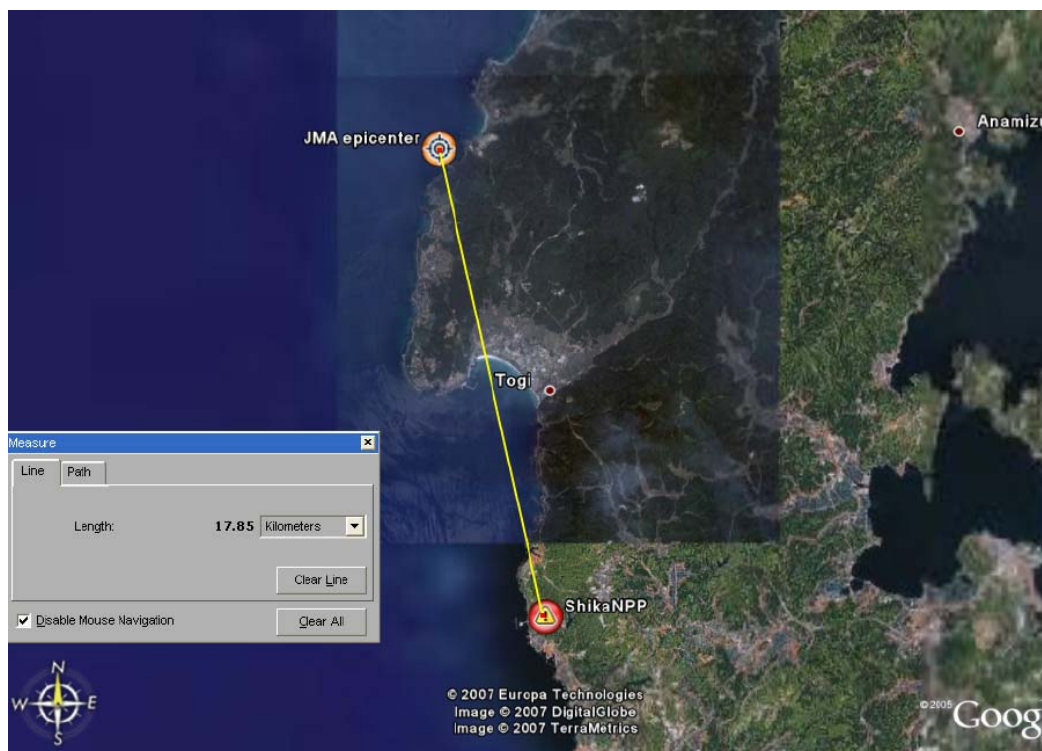
I will just focus on concerning to a nuclear power plant site. There are NPPs 18km south from the epicenter in SHIKA (coordinate: 37d04m44sN, 136d43m49sE). They are BWR and ABWR. Observed PGA was 226Gal above 190Gal of safety shutdown level, but BWR was already stopped before the earthquake due to prudence of an accident, see below.

<http://www.asahi.com/english/Herald-asahi/TKY200703220059.html>

As well as, ABWR was stopped by maintenance, since crack of turbine was found in last year. Design purpose input motion level was 490Gal, hence, NPPs seem no damage. However, water of 45 liters in a radioactive waste storage, about 7500kBq, was splashed out, and 8 liters, about 1300kBq, was slightly leaked from cover sheets of the pool, which is much lower than regulation of 3700kBq.

<http://www.yomiuri.co.jp/feature/fe7400/news/20070325it14.htm>

All clipped from news in Japanese.



Best regard, Yoshi.