

Statistics technique for forecasting chain of shallow earthquake from deep earthquake

Fusashi Hiramichi[1]

[1] Hiramichi Equipment Design

<http://www12.ocn.ne.jp/~time.f.h/>

The earthquake of 2005.7.23 Tokyo of five or more in the seismic intensity ..memory.. thinks the attacked thing to be new.
The following deep earthquakes had occurred immediately before that.
2005/07/23 02:42 34.739 139.559 116.9km M2.7 Izu Oshima neighboring waters

Past 20 approximation data was examined, therefore the following data came out.
The vicinity of Ibaraki the coast? It is data at the reference bygone by about 7/20 generation probability seismic intensities 3/4 of Chiba near weft 35.8 passing 140.1 of 141.2 weft 36.4 passing depth 40?70km level M4.6?5.8 level M4.6 or more; Maximum seismic intensity 2005/07/23 ..this forecast.. Sat ..writing.. 2005/07/23 in my forecast site as Earthquake warning it and 9 hours later at 07:31:41 at 16/20 generation probability bygoned of the M2.5?5.8 felt earthquake four 4-5 3-2 2-3 1-6
16:34 35.582 140.138 Five or more in 073.1km M6.0 CENTRAL CHIBA PREF seismic intensity was generated.

When the field and the deep earthquake of depth 70?120km level by which the vicinity of the Sagami bay is made a hypocenter since past data etc. are examined in detail occur, the thing that the generation probability of a medium-scale earthquake in the vicinity of Kanto rises strangely has been understood.

Data comparison of weft 35.8 passing 140.1 of 141.2 weft 36.4 passing ? of 2002.
6.4?2005.7.22

1. Peacetime..period..days..generation..frequency..average..once..generation..probability..period..days..generation..frequency..average..once..generation..probability..period..days..approximate data..each..day..peacetime..the following..comparison..peacetime..generation..probability..become.

2. Peacetime..period..days..generation..frequency..average..once..generation..probability..period..days..generation..frequency..average..once..generation..probability..peacetime..the following..comparison..peacetime..generation..probability..become.

Data 2003/03/08 where M5.0 or more was generated within four days after the following generate Fcata 10:52 35.092 139.954 116.9km M2.7 SOUTHERN BOSO PENINSULA 2003/03/13 12:12 36.087 139.859 4 in 047.3km M5.0 SW IBARAKI PREF seismic intensity.

2003/09/17 20:17 34.967 139.720 099.4km M3.3 SAGAMINADA
2003/09/20 12:54 35.215 140.304 4 in 070.0km M5.8 KUJUKURI COAST BOSO PEN seismic intensity

2003/11/15 01:56 34.605 139.986 098.8km M3.0 SE OFF BOSO PENINSULA 2
003/11/15 03:43 36.429 141.168 4 in 048.4km M5.8 E OFF IBARAKI PREF seismic intensity

As grounds, because there is only data of 2002.6 ?, there are a lot of examples also in other places, and it thinks the connected statistical correlation to be from Ta earthquake ..great.. occurrence Ta earthquake ..shoal.. occurrence in the vicinity region though it is scarce.