

EM Precursor of Large Earthquake in Japan

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A high sensitive magnetic flux receiver of order of pico-Tesla per root Hertz was developed at Extremely Low frequency (ELF) band of 223Hz and 17Hz and has been set up over forty locations in Japan for these fifteen years. The networked electromagnetic wave (EM) precursor detect ion system has detected corresponding precursors for large earthquakes and volcanic eruptions before one week to several months the events. Although the detailed prediction of occurrence of disaster is difficult at this moment, but the detected anomaly of the EM radiation will be utilized to mitigate disaster.

Keywords: precursor; electromagnetic wave; ELF band; earthquake.

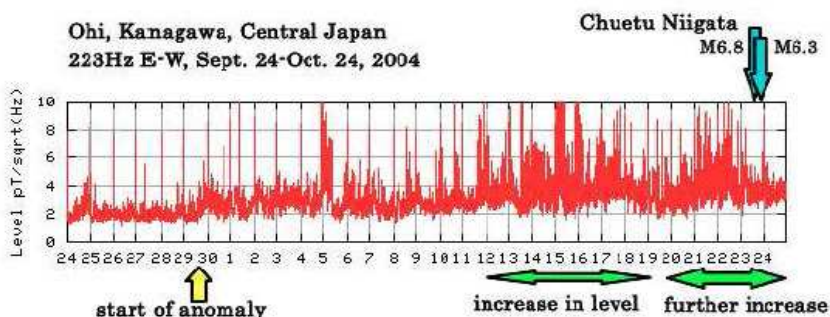


Fig.1 EM anomaly precursor for one month period of the Chuetsu, Niigata M6.8, October 23, 2004 detected at Ohi, Kanagawa, Central Japan, approximately 220km south the epi-center. It sacrificed forty peoples died, approximately three thousands wounded.

References

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