

Precursory phenomena of M7.2 Hyogoken-Nanbu earthquake

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Precursory phenomena of M7.2 Hyogo-ken Nanbu earthquake are tornado-type seismic cloud, ELF-VLF radio noises from thunder cloud lightning discharges, atmospheric radon ion density increases, anomalous phase variations of Omega 10.2 kHz waves passing near Kobe, and anomalous sporadic Es ionization increases in the lower ionosphere. We discuss mutual relations of the above precursory phenomena between cause and effect. Then, we propose desirable observations for predicting great earthquakes..