

## A study on the recurrence of the Miyagiken-Oki Earthquakes on the basis of historical materials

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It is sometimes pointed out that a series of Miyagiken-Oki earthquakes recurred in the district of the Tohoku area. I re-checked original texts of the old documents, and obtained the maps of seismic intensity distribution and of tsunami hitting coasts. Considering that (A) house damage distribution, (B) distribution of seismic intensity 5, and (C) 4, and (D) tsunami

hitting coasts, earthquakes of 1717, 1793, 1835, 1897 1936 and 1978 are recognized as a series of the Miyagiken=oki earthquakes.