

Certainty that the 887 Nin'na earthquake included great Tokai and Nankai events

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The Nin'na earthquake of August 22, 887, which was obviously a great Nankai earthquake off southwest Japan, is considered to have been a great Tokai earthquake as well. This inference comes from a historical description suggesting that the earthquake-stricken provinces were more than thirty, comparable to the numbers for the 1707 Ho'ei and the 1854 Ansei Tokai-Nankai earthquakes, and from a historical record that the strong ground motion in Kyoto lasted for a long time. A scenario sketched based on historical documents and dendrochronological and archeological data that the Otsuki-River debris avalanche at Mt. Kita-Yatsugatake in central Japan took place on the day of the earthquake causing a disastrous flood in the next year also supports the inference.