

Study of Tsunami about Tenpo 4 the Yamagata-Oki earthquake of Dec 7, 1833

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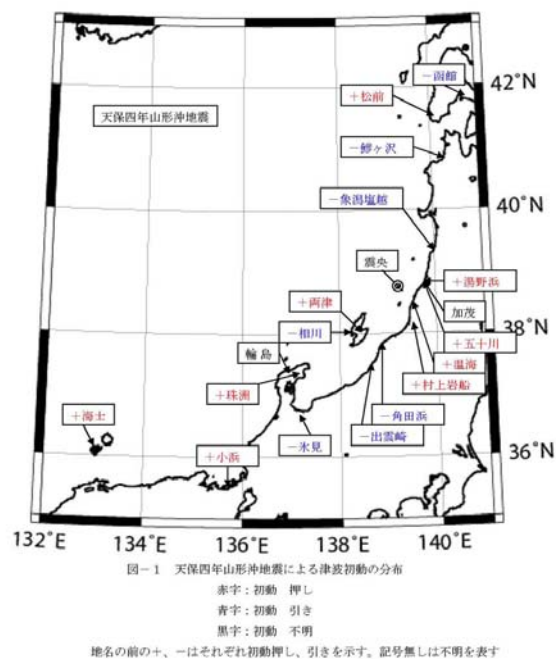
We researched the 1833 Tenpo earthquake tsunami documents focusing about its first behavior: tsunami came in or went out. We collected 54 stations records of 101 documents and classified them into the ebb tide, the flood tide and unidentifiable one.

The results are shown in Fig.1. The Shonai Area, Yamagata Pref. firstly attacked by the coming (flood tide), and this supports the model of Aida (1980) which the fault declined to the east side. Although only at Kamo, the ebb tide was recorded in spite of in the Shonai area, we found that this document, Hanashi-no-tanehukube, in which the tide has gone out and shore has been on the ebb, people; children, men, or women have gone to the shore to pick up shells or fishes, was copied from other document.

REFERENCE

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