



The manifestation of tsunami of August 1, 1940 in the Kamenka settlement, Primorye (new data concerning the old tsunami)

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Abstract Резюме [PDF Rus](#)

One of the most powerful earthquakes in the Sea of Japan area happened on August 1, 1940. This earthquake had been accompanied by a large tsunami in the Northern part of the sea. The article contains the description of an unusual feature of the 1940 Japan Sea tsunami manifestation: maximum tsunami run-up heights were observed in the far-field zone (Primorye coast, Russia), not in the near-field zone (Hokkaido coast, Japan). Description of the striking manifestation of this tsunami with run-up heights up to 5 m in the vicinity of the Kamenka settlement in Primorye is based on the information from eyewitness and their descendants. These data were not mentioned in the tsunami catalogues and are thus news for tsunami science. Three torpedo motor-boats had been displaced by the tsunami from the Kamenka harbor to the peat area far from the sea. Corresponding map is shown.

Keywords

Sea of Japan, Primorye, Hokkaido, Kamenka settlement, earthquake, tsunami, run-up height

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