

Tohoku Chapter, Architectural Institute of Japan
Quick Reconnaissance Report of East Japan Earthquake Disaster
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Professor Reiji Tanaka, Tohoku Institute of Technology
Chairman of Disaster Committee, AIJ Tohoku Chapter
Mr. Tomohiko Arai, Tohoku Institute of Technology
(Translated by Shunsuke Otani, University of Tokyo)

Reporter:

Dr. Tomohiko Arai, Tohoku Institute of Technology

This report describes the tsunami damage of Yamamoto-machi, located at the south end of Miyagi Prefecture. Two residential houses owned by faculty members of Tokyo Institute of Technology were washed away and destroyed by tsunami attacks. They and their families are living in shelters. The tsunami wave height reached as high as 3 to 4 m in Yamamoto-machi. Damage of houses was very light in the areas where tsunami waves did not reach.



Photo 1: A vehicle rests on the roof of a house



Photo 2: Tsunami wave reached the roof of the first story of this house



Photo 3: Contents of the first story rooms were washed away and emptied by tsunami waves



Photo 4: First story is about to collapse during tsunami attacks



Photo 5: Foundation was exposed by tsunami wave wash



Photo 6: Pile foundation, which implies poor soil conditions in this area



Photo 7: A house was moved by tsunami waves and nothing but debris can be seen



Photo 8: Rolling door shutter was broken, and tsunami water went inside the building



Photo 9: Exterior walls were broken and water got inside by tsunami attacks



Photo 10: A reinforced concrete house is standing although the first story was attacked by tsunami waves



Photo 11: Tsunami water reached the first story roof, and concrete block masonry walls fell down



Photo 12: Tsunami water reached the first story roof



Photo 13: The inside of a house after tsunami attack. No furniture is left in the house.