


  
 Alaska Department of Natural Resources  
 Division of Geological & Geophysical Surveys  
  
**AEIC** Alaska Earthquake Information Center  
 Geophysical Institute, UAF  
  


This project was supported by the National Oceanic and Atmospheric Administration, National Tsunami Hazard Mitigation Program, through grant NA17RJ1224.

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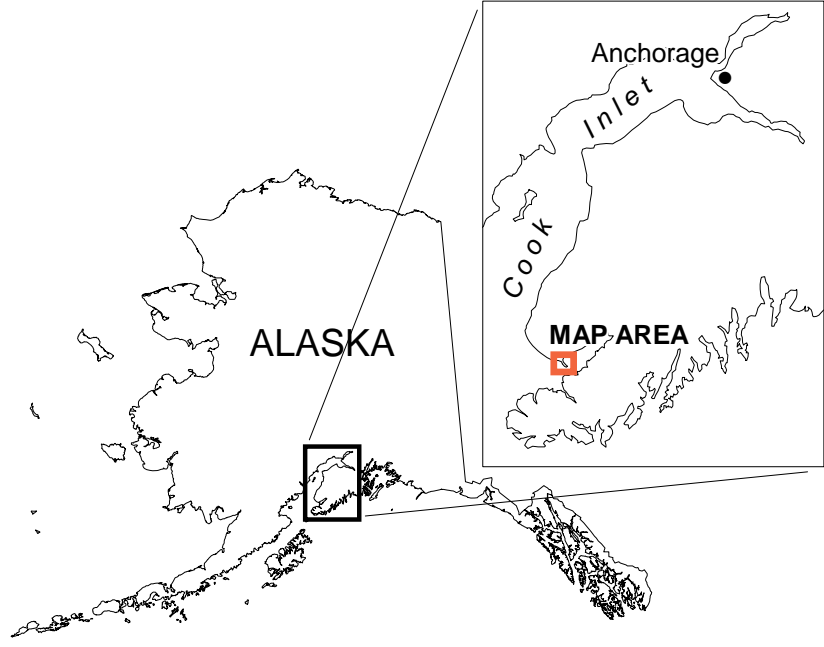
This map is intended for emergency management use only. It is not appropriate for use in land-use regulation. See text for discussion of uncertainties.

## TSUNAMI INUNDATION SCENARIOS FOR HOMER, ALASKA

By  
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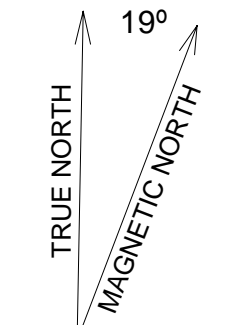
2005

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ALASKA

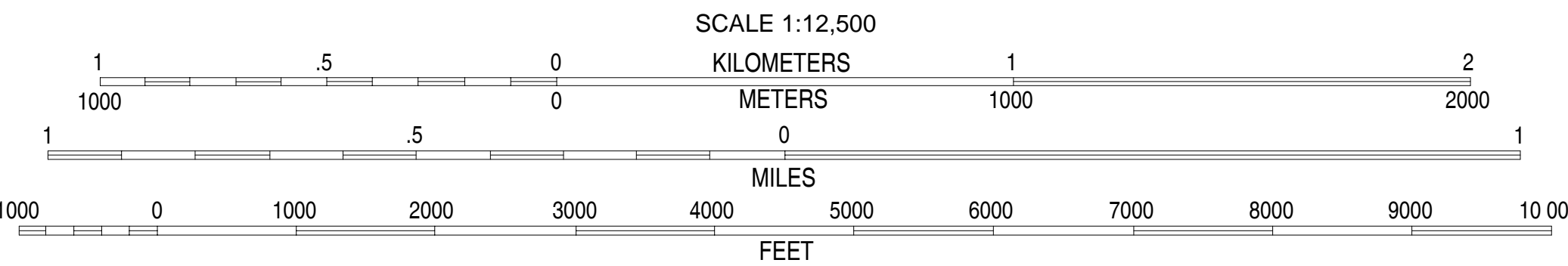
Anchorage  
Cook Inlet  
MAP AREA



TRUE NORTH  
MAGNETIC NORTH  
19°  
APPROXIMATE MEAN DECLINATION, 2005

Orthophoto map base by AeroMap U.S., acquired August 10, 2003. U.S. Stateplane Coordinate System (1927), Alaska Zone 4.

SCALE 1:12,500



KILOMETERS: 1 0.5 0 1 2  
METERS: 1000 0 1000 2000  
MILES: 1 0.5 0 1  
FEET: 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

### EXPLANATION (also see text)

Tsunami inundation limits

- Repeat of 1964 M9.2 earthquake
- Hypothetical M7.5 earthquake on Border Ranges fault
- Location of time-history measurements for figures 16 and 17; see text