This map has been completed using the best information available and is believed to be accurate; however, its preparation required many assumptions. Actual conditions during a tsunami may vary from those assumed, so the accuracy cannot be guaranteed. Areas inundated will depend on specifics of the earthquake, any earthquake-triggered landslides, on-land construction, tide level, local ground subsidence, and may differ from the areas shown on the map. Information on this map is intended to permit state and local agencies to plan emergency evacuation and tsunami response. The map is not appropriate for site-specific use or for land-use regulation. Interpretation of the tsunami inundation map(s) by qualified experts is strongly recommended.

Base map from: GeoNorth Best Data Layer
Projection: Alaska State Plane Zone 4 (feet)
Datum: North American Datum of 1983
Cartography by: L. Gardine
(2018)
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Flow Depth

Maximum estimated inundation extent from all scenarios

Maximum inundation extent from landslides

This map shows maximum estimated inundation extent from all scenarios, with the following flow depths:

- 15 m (50 ft)
- 10 m (33 ft)
- 5 m (17 ft)
- 2.5 m (8 ft)
- 1.5 m (5 ft)
- 1.0 m (3 ft)
- 0.5 m (1.6 ft)
- 0.25 m (0.8 ft)
- 0.1 m (0.3 ft)
- 0.05 m (0.2 ft)

Location of Map Area

MAXIMUM ESTIMATED TSUNAMI INUNDATION, DOWNTOWN HOMER, ALASKA

Suleimani and others, 2019

SCALE 1:12500

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Location of Map Area

MAXIMUM ESTIMATED TSUNAMI INUNDATION, DOWNTOWN HOMER, ALASKA

E.N. Suleimani, D.J. Nicolsky, and J.B. Salisbury

2018