MAXIMUM ESTIMATED TSUNAMI INUNDATION FOR DOWNTOWN SEWARD, ALASKA

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Flow Depth
-5.0 m (17 ft)
-3.0 m (10 ft)
-2.0 m (6 ft)
-1.0 m (3 ft)
0.6 m (2 ft)
0.6 m (2 ft)
0.8 m (2 ft)
1.0 m (3 ft)
2.0 m (6 ft)
3.0 m (10 ft)
5.0 m (17 ft)
10 m (33 ft)
20 m (66 ft)
30 m (99 ft)

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 actions. 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.

MAP LOCATION
LOCATION OF MAP AREA

Resurrection Bay

E.N. Suleimani1, J.B. Salisbury2, and D.J. Nicolsky3

2022

SCALE 1:8000

0.25

0.13

0.5 MILE

0.5 KILOMETER

1000 FEET

APPROXIMATE MEAN DECLINATION, 2022

R. Briggs4

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2 Alaska Division of Geological & Geophysical Surveys, 3354 College Rd, Fairbanks, Alaska 99709-3707
3 GNS Science, 1 Fairway Drive, Avalon 5010, Lower Hutt 5040 New Zealand
4 U.S. Geological Survey, 1711 Illinois St, Golden, CO 80401

Affiliations:

Base map from: Esri World Imagery
Projection: Alaska State Plane Zone 4 (Feet)
Datum: North American Datum of 1983

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