

2022 Alaska Tsunami Preparedness Week

Fact Sheet

#TsunamiPrepAK

National Tsunami Hazard Mitigation Program (NTHMP)

- ❖ In 1995, the U.S. Congress directed the National Oceanic and Atmospheric Administration (NOAA) to form and lead a federal/state working group to develop a plan for reducing tsunami risk to U.S. coastal communities.
- ❖ Through collaboration, coordination, and financial and technical support to partner states, the NTHMP works to reduce the impact of tsunamis on the nation.
- ❖ Alaska's NTHMP Team consists of stakeholders from the Alaska Division of Homeland Security and Emergency Management (DHSEM), Alaska Division of Geological and Geophysical Surveys (DGGS), National Tsunami Warning Center, National Weather Service, and the Alaska Earthquake Center (AEC).
- ❖ With over 60 rural communities along Alaska's vast coastline at-risk for tsunami inundation, this partnership is important to us so that we can all work together to achieve the common goal of becoming [Tsunami Ready](#).
- ❖ Visit the website above or view their [Fact Sheet](#) for more information on the NTHMP.

Tsunami Operations Workshops

- ❖ Tsunami Operations Workshops are funded by the NTHMP grant.
- ❖ With over 60 rural communities along Alaska's vast coastline at-risk for tsunami inundation, the goals of these workshops are to:
 - bring awareness to community leaders on the risks they face
 - help to develop plans for mitigating against and responding to tsunamis
 - provide public education and outreach tools and materials
- ❖ This month, two Tsunami Operations Workshops will be hosted in Anchorage, Alaska:
 - Aleutian Islands Tsunami Operations Workshop: March 15-17, 2022
 - Bristol Bay Tsunami Operations Workshop: March 29-31, 2022

Tsunami Inundation Mapping and Modeling Products

- ❖ DHSEM, DGGS and AEC work together to update tsunami inundation maps for at-risk communities along Alaska's coastline.
- ❖ In addition to updated inundation maps, AEC also produces technical reports, maritime guidance, and pedestrian maps to inform communities on their tsunami hazard and support their preparedness efforts.
- ❖ All these products are also funded by the NTHMP grant.
- ❖ You can view the product repository [here](#).

SEOC Tsunami Warning Drill

- ❖ The State Emergency Operations Center will conduct an annual all-staff tsunami warning call drill coincident with the Governor's declaration of Tsunami Preparedness Week.
- ❖ The drill will occur on March 23, 2022 at 0900. We'll deploy a 'Code Red' notification sent about 0800 to all DHS&EM staff to report to SEOC at 0900 and then we will all participate in calling tsunami warning communities to verify their contacts.
- ❖ While we will not conduct a live-code tsunami warning EAS test, as we have recently had a real-world tsunami warning, we will call 100% of our tsunami warning community contacts and drill our procedures.

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Alaska Earthquake Center

The Earthquake Center works to make our coastal communities safer by providing state and local officials with the best possible information for addressing the tsunami hazards faced by their communities. We tackle community safety through the following projects:

- ❖ Inundation mapping project - use known potential tsunami sources to estimate the maximum amount of flooding for at-risk communities.

Maritime response guidance - provide response guidance in the event of tsunamis for small vessels such as recreational sailing and motor vessels, and commercial fishing vessels.

Pedestrian evacuation travel time maps - for communities with well-defined tsunami scenarios, these maps estimate the amount of time required to evacuate beyond the hazard zone by foot.

- ❖ Community-specific information brochures - incorporate information from existing reports with information provided by the communities into a public-friendly brochure suitable for distribution.