California Geological Survey

Tsunami Inundation Map For Emergency Planning

County Of Humboldt

August 13, 2020

PURPOSE AND LIMITATIONS OF THIS MAP

The tsunami inundation area is prepared to assist cities and counties in identifying areas that may be at risk for tsunami inundation. This map and these data are intended only for informational and research purposes and should not be used for any legal or regulatory purposes. The inundation data is based on current scientific understanding and may not reflect all potential tsunami sources or the highest risk areas. This map and these data are not intended to guarantee that these areas are tsunami safe or that tsunami inundation will not occur in the future. The map and data are provided “as is” without warranty of any kind, express or implied, including the warranties of merchantability, fitness for a particular purpose, or non-infringement. The map and data are intended for use by emergency planners and risk analysts in their efforts to prepare for and mitigate tsunami risk. The map and data should not be used for individual tsunami risk assessments.

METHOD OF PREPARATION

Tsunami modeling was performed by AECOM Technical Services funded through the California Governor's Office of Emergency Services (Cal OES), the University of Southern California, and the State of California. The modeling used probabilistic tsunami hazard analysis techniques, with a 5% probability of exceedance in 50 years, to estimate the maximum likely tsunami runup for each location. The modeling took into account various factors, including the location of the potential tsunami source, the topography of the coastline, and the bathymetry of the ocean floor. The resulting map shows the areas that are most likely to be affected by a tsunami.

ADDITIONAL INFORMATION

Please refer to the following website for additional information on the tsunami inundation map:

https://www.conservation.ca.gov/cgs/tsunami/

DISCLAIMERS

The California Geological Survey (CGS) and the State of California shall not be liable for any damages, whether direct, indirect, special, incidental, or consequential, arising out of the use of the tsunami inundation map or the data from which the map was prepared. The CGS and the State of California do not warrant the content or accuracy of the tsunami inundation map or any other content or service provided by the CGS or the State of California.

REFERENCES