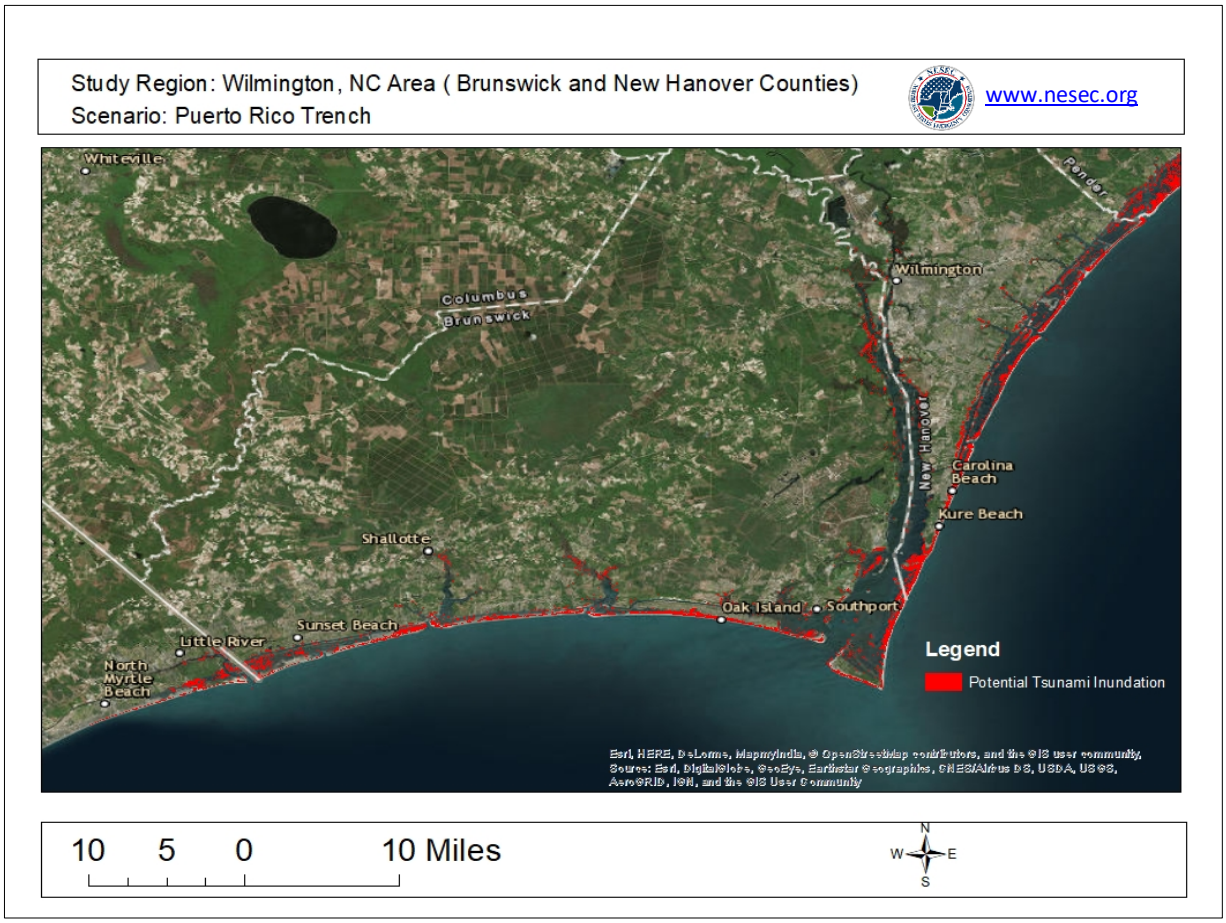
DRAFT SCENARIO FOR AWARENESS USE ONLY

United States East Coast Tsunami Risk Awareness Assessment



Study Region:	**Wilmington, NC Area (Brunswick and New Hanover Counties)**
Tsunami Scenario Name:	**Puerto Rico Trench Earthquake & Tsunami (M 8-9)**
Near or Far Source Tsunami:	**Far**
Estimated Return Period:	**250 – 2000 Years**
Tsunami Estimated Arrival Time (hours):	**3.5**
Maximum Estimated Inundation Depth:	**14 feet**
People in Inundation Zone:	**34,435**
Essential Facilities in Inundation Zone:	**2 (Police, Fire, EOC's, Hospitals & Schools)**
Value of Property in Inundation Zone:	**$8,645,659,000**
Estimated Inundated Roadways:	**15**

Links to additional US East Coast Tsunami Maps and Information:

University of Delaware
University of Rhode Island
National Weather Service Tsunami Ready Program
National Weather Service Tsunami Warning System
National Tsunami Hazard Mitigation Program (NTHMP)
NOAA Coastal Hazards Exposure Mapper (Tsunami)
NOAA Tsunami Safety Video

CLICK GLOBE TO WATCH NOAA SIMULATION OF PUERTO RICO TSUNAMI IMPACT US EAST COAST

For additional information and available US East Coast Tsunami Risk GIS Maps, State and Local Emergency Managers should contact the Northeast States Emergency Consortium at (781) 224-9876 or at **nesec@nesec.org**.

Disclaimer: The purpose of this DRAFT Scenario is to provide a very preliminary look at potential tsunami exposure for emergency management awareness and planning purposes. The demographic, property and essential facility data is taken from databases contained in FEMA's Hazus Program, may be incomplete, and based on 2010 census data. Data, maps, inundation height, return periods, arrival times, etc. provided in the document and additional links estimate the scale of potential tsunami inundation but not the exact timing, intensity, location, etc. and should be verified with site-specific analysis and visits. The data, maps, links, etc. are provided "as is," without warranty to their performance, merchantable state, or fitness for any particular purpose. The entire risk associated with the results and performance of these data is assumed by the user. This tool should be used strictly as a planning and hazard awareness tool.