



NOTES & SOURCES

This storm tide flood risk map was produced by the U.S. Army Corps of Engineers. It is made available for review by the State of Maine, local government emergency management agencies, and other interested stakeholders.

This map reflects areas with a risk of storm tide flooding from hurricanes, based on potential storm tide heights calculated by the National Weather Service's SLOSH (Sea, Lake, and Overland Surge from Hurricanes) Model. The SLOSH Basin used for mapping was Penobscot (PN2), released in 2012.

SLOSH storm tide elevations used for this mapping are based on the Maximum of Maximums (MOM) SLOSH output dataset. The MOM output elevations represent the highest calculated storm tide values based on different combinations of approach direction, forward speed, landfall point, astronomical tide, and intensity (Category 1 through Category 4). Categories 1 through 4 refer to the Saffir-Simpson scale of hurricane intensity.

This map does not reflect the expected storm tide flooding for every hurricane, or for any one particular type of hurricane. This map shows the overall footprint of the area that has some risk of storm tide flooding from hurricanes, based on the MOM output dataset. The purpose of this map is to support hurricane emergency management planning activities.

For more information on the SLOSH model and the MOM dataset, please visit <http://www.nhc.noaa.gov/surge/slosh.php>.

TITLE

Maine Hurricane Evacuation Study
 Storm Tide Flood Risk Areas
 April 2016
 East Machias
 Figure 57

0 2000 4000 Feet

US Army Corps of Engineers
 New England District