

## Hurricane Surge Inundation and Critical Resources in Maine

This map shows projected hurricane surge inundation often referred to as storm surge for hurricanes ranging in severity from Category 1 to Category 4 as well as the locations of critical societal resources such as fire stations, hospitals, emergency management offices, roads etc. Storm surge is caused by the force of the hurricane displacing water as it moves into shallower water. According to the National Hurricane Center, storm surge causes 90% of hurricane-related fatalities in the US. (<http://www.nhc.noaa.gov/pastdeadly.shtml>) In addition, the flooding caused by storm surge may hinder evacuation as well as incapacitate or reduce the capabilities of certain resources by flooding facilities or impinging on mobility.

