



### LEGEND

<b>Hurricane Surge Inundation</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></span> Category 1</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #6AA84F; border: 1px solid black; margin-right: 5px;"></span> Category 2</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #FFFF00; border: 1px solid black; margin-right: 5px;"></span> Category 3</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #8B4513; border: 1px solid black; margin-right: 5px;"></span> Category 4</li> </ul>	<b>Facility Location Key</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; border: 1px solid blue; margin-right: 5px;"></span> Hospitals</li> <li><span style="display: inline-block; width: 15px; height: 15px; border: 1px solid red; margin-right: 5px;"></span> Schools</li> <li><span style="display: inline-block; width: 15px; height: 15px; border: 1px solid blue; margin-right: 5px;"></span> Police</li> <li><span style="display: inline-block; width: 15px; height: 15px; border: 1px solid red; margin-right: 5px;"></span> Fire</li> </ul>
<b>Transportation</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; border-bottom: 2px solid red; margin-right: 5px;"></span> Limited Access Highway</li> <li><span style="display: inline-block; width: 15px; border-bottom: 2px solid orange; margin-right: 5px;"></span> US Highways</li> <li><span style="display: inline-block; width: 15px; border-bottom: 2px solid black; margin-right: 5px;"></span> State/Local Highways</li> <li><span style="display: inline-block; width: 15px; border-bottom: 1px solid black; margin-right: 5px;"></span> Local Road</li> <li><span style="display: inline-block; width: 15px; border-bottom: 1px dashed black; margin-right: 5px;"></span> Railroad</li> <li><span style="display: inline-block; width: 15px; border-bottom: 1px solid black; margin-right: 5px;"></span> Airport</li> </ul>	<b>Hydrographic Features</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: lightblue; margin-right: 5px;"></span> Water</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #ADD8E6; border: 1px solid blue; margin-right: 5px;"></span> Wetlands</li> </ul>
<b>Political</b> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; border-top: 2px solid orange; margin-right: 5px;"></span> Town Boundary</li> <li><span style="display: inline-block; width: 15px; border-top: 2px solid black; margin-right: 5px;"></span> State Boundary</li> </ul>	

### NOTES & SOURCES

Hurricane surge elevations were determined by the National Hurricane Center using the PV2 SLOSH model basin, and assumed peak hurricane surge arriving at mean high water.

The hurricane surge inundation areas shown on this map depict the inundation that can be expected to result from a worst case combination of hurricane landfall location, forward speed, and direction for each hurricane category.

The source of basemap transportation features such as roads and railroads is Tele Atlas 2009. The source of other basemap features are MassGIS.

The primary elevation data source was LiDAR data collected by Photo Science for USGS between late 2010 and early of 2011. This data was supplemented with LiDAR data collected in November 2006 by Camp Dresser and Mckee. This data was also supplemented with MassGIS Digital Terrain Model (DTM) files which were made available in April 2003.

### TITLE

Massachusetts Hurricane Evacuation Study  
Hurricane Surge Inundation Mapping  
March 2014  
FREETOWN

0 3000 6000 Feet