

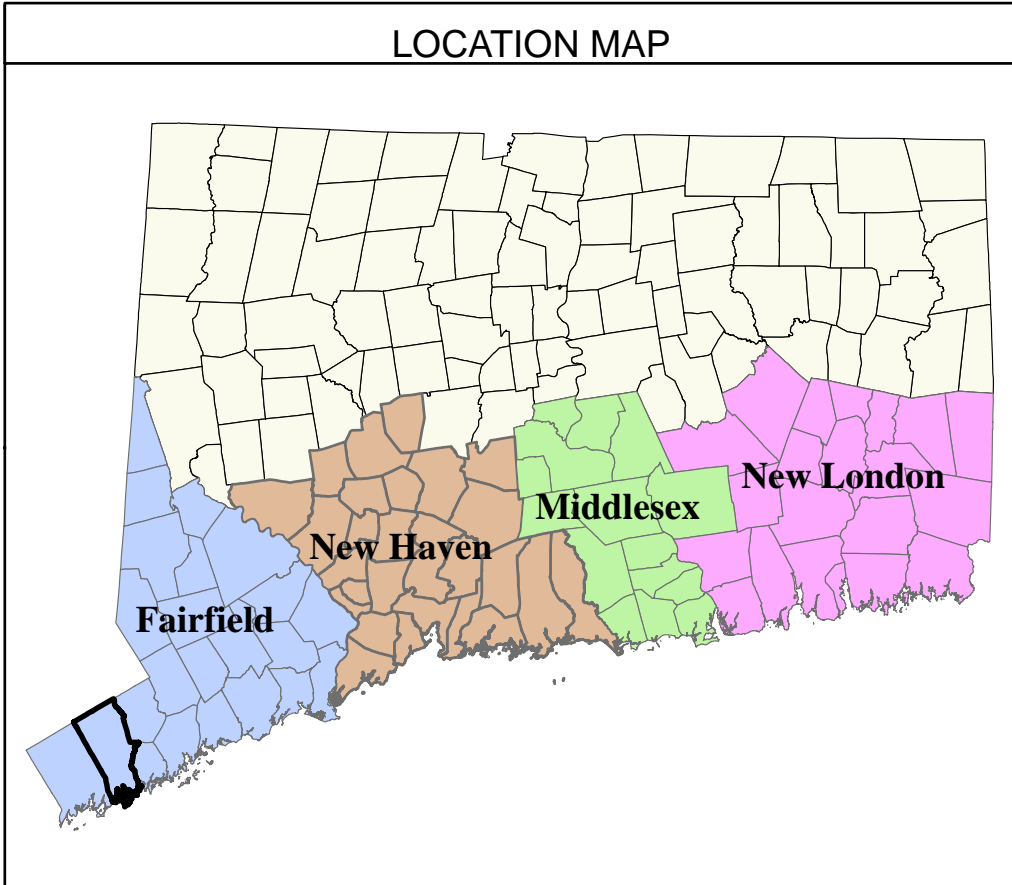
### LEGEND

<b>Hurricane Surge Inundation</b>	<b>Hydrographic Features</b>
<span style="display:inline-block; width:15px; height:15px; background-color:#90EE90; border:1px solid black;"></span> Category 1	<span style="display:inline-block; width:15px; height:15px; background-color:#ADD8E6; border:1px solid black;"></span> Water
<span style="display:inline-block; width:15px; height:15px; background-color:#669966; border:1px solid black;"></span> Category 2	<span style="display:inline-block; width:15px; height:15px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, blue 2px, blue 4px); border:1px solid black;"></span> Intermittent Water
<span style="display:inline-block; width:15px; height:15px; background-color:#FFFF00; border:1px solid black;"></span> Category 3	<span style="display:inline-block; width:15px; height:15px; background: radial-gradient(circle, blue 1px, transparent 1px); background-size: 4px 4px; border:1px solid black;"></span> Flats
<span style="display:inline-block; width:15px; height:15px; background-color:#800000; border:1px solid black;"></span> Category 4	<span style="display:inline-block; width:15px; height:15px; background: radial-gradient(circle, blue 1px, transparent 1px); background-size: 4px 4px; border:1px solid black;"></span> Rocks
<span style="display:inline-block; width:15px; height:15px; border-bottom: 2px solid red;"></span> Interstate Highway	<span style="display:inline-block; width:15px; height:15px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, blue 2px, blue 4px); border:1px solid black;"></span> Inundated Area
<span style="display:inline-block; width:15px; height:15px; border-bottom: 2px solid orange;"></span> US Highways	<span style="display:inline-block; width:15px; height:15px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, blue 2px, blue 4px); border:1px solid black;"></span> Marsh
<span style="display:inline-block; width:15px; height:15px; border-bottom: 2px solid black;"></span> State/Local Highways	<span style="display:inline-block; width:15px; height:15px; background-color:#FFC0CB; border:1px solid black;"></span> Cranberry Bog
<span style="display:inline-block; width:15px; height:15px; border-bottom: 2px solid gray;"></span> Local Road	<span style="display:inline-block; width:15px; height:15px; background-color:#808080; border:1px solid black;"></span> Dam
<span style="display:inline-block; width:15px; height:15px; border-bottom: 2px dashed black;"></span> Railroad	<span style="display:inline-block; width:15px; height:15px; background-color:#90EE90; border:1px solid black;"></span> Fish Hatchery
<span style="display:inline-block; width:15px; height:15px; border-bottom: 2px dashed gray;"></span> Airport	<span style="display:inline-block; width:15px; height:15px; background-color:#FF00FF; border:1px solid black;"></span> Aqueduct
<span style="display:inline-block; width:15px; height:15px; border-bottom: 2px dashed orange;"></span> Town Boundary	<span style="display:inline-block; width:15px; height:15px; background-color:#CCCCFF; border:1px solid black;"></span> Sewage Pond
<span style="display:inline-block; width:15px; height:15px; border-bottom: 2px dashed gray;"></span> State Boundary	<span style="display:inline-block; width:15px; height:15px; background-color:#FF00FF; border:1px solid black;"></span> Water Tank

**Facility Location Key**

- Public Shelter
- Medical/Institutional Facility
- Mobile Home/Trailer Park

Surge flooding generated by Category 3 & 4 hurricanes with westerly track directions can overtop the height of the Stamford Hurricane Barrier. Although hurricanes of this nature are considered rare events, their occurrence is possible.



### NOTES & SOURCES

Hurricane surge elevations were determined by the National Hurricane Center using the NY3 and PV2 SLOSH model basins, 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 2008. The source of other basemap features is the Connecticut DEEP.

The primary ground elevation data source was LiDAR data created by Photo Science, Inc. for USGS. That data was supplemented where needed by ground surface LiDAR data created by Terrapoint LLC for the State of Connecticut. The vertical accuracy of all LiDAR data is approximately +/- 1 foot, and the horizontal accuracy is approximately +/- 3 feet.

The horizontal projection of this map is Connecticut State Plane NAD83 feet. All elevation data was referenced to the NAVD88 vertical datum.

### TITLE

Connecticut Hurricane Evacuation Study  
Hurricane Surge Inundation Mapping  
August 2012  
Stamford

- PUBLIC SHELTERS**
  - 1. BELLTOWN FIRE DEPARTMENT
  - 2. CLOONAN MIDDLE SCHOOL
  - 3. GLENBROOK FIRE DEPARTMENT
  - 4. LONG RIDGE FIRE DEPARTMENT STATION #1
  - 5. RIPPOWAM MIDDLE SCHOOL
  - 6. SCOFIELD MIDDLE MAGNET SCHOOL
  - 7. SPRINGDALE FIRE DEPARTMENT
  - 8. ST. JOHN LUTHERAN CHURCH
  - 9. STAMFORD GOVERNMENT CT
  - 10. STAMFORD HIGH SCHOOL
  - 11. STAMFORD YMCA
  - 12. TURN OF RIVER FIRE DEPARTMENT STATION #1
  - 13. WESTHILL HIGH SCHOOL
- MEDICAL/INSTITUTIONAL FACILITIES**
  - 1. COURTLAND GARDENS HEALTH CENTER, INC.
  - 2. EDGEHILL HEALTH CENTER
  - 3. LONG RIDGE OF STAMFORD
  - 4. QUEEN OF THE CLERGY
  - 5. SCOFIELD MANOR
  - 6. SMITH HOUSE SKILLED NURSING FACILITY
  - 7. ST. CAMILLUS REHABILITATION & NURSING CENTER
  - 8. STAMFORD HOSPITAL
  - 9. WILLIAM AND SALLY TANDET CENTER FOR CONTINUING CARE

6,000 3,000 0 6,000 Feet

US Army Corps of Engineers  
New England District

FEMA

NOAA