

- 1 PUBLIC SHELTERS**
 1. MYSTIC MIDDLE SCHOOL
 2. STONINGTON HIGH SCHOOL
- 2 MEDICAL/INSTITUTIONAL FACILITIES**
 1. AVALON HEALTH CARE CENTER AT STONERIDGE
 2. MARY ELIZABETH NURSING CENTER
 3. PENDLETON HEALTH AND REHABILITATION CENTER
- 3 MOBILE HOME/TRAILER PARK**
 1. ARLINGTON ACRES TRAILER PARK
 2. FAIR ACRES TRAILER PARK
 3. WHEELER BROOK TRAILER PARK

LEGEND

Hurricane Surge Inundation	Hydrographic Features
Category 1	Water
Category 2	Intermittent Water
Category 3	Flats
Category 4	Rocks
	Inundated Area
	Marsh
	Cranberry Bog
	Dam
	Fish Hatchery
	Aqueduct
	Sewage Pond
	Water Tank

Transportation

- Interstate Highway
- US Highways
- State/Local Highways
- Local Road
- Railroad
- Airport

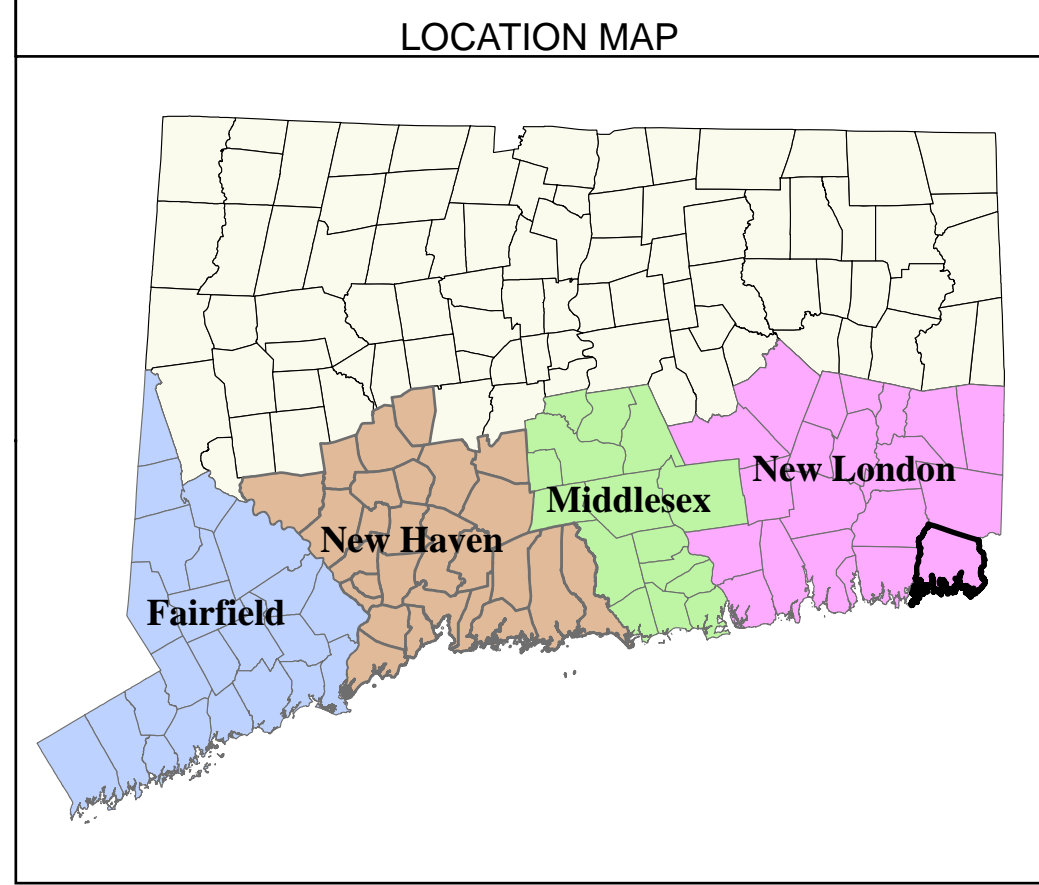
Political

- Town Boundary
- State Boundary

Facility Location Key

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

Surge flooding generated by Category 3 & 4 hurricanes can overtop the height of the Pawcatuck Hurricane Local Protection Project. 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 Terrapoint LLC for FEMA. 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
Stonington

6,000 3,000 0 6,000 Feet

US Army Corps of Engineers
New England District

FEMA

NOAA