Hurricane Surge Inundation

- Category 1
- Category 2
- Category 3
- Category 4

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

Political
- Town Boundary
- State Boundary

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

PUBLIC SHELTERS
1. BROWN MIDDLE SCHOOL
2. DANIEL HANDE HIGH SCHOOL
3. ISLAND AVENUE ELEMENTARY SCHOOL
4. MADISON CONGREGATIONAL CHURCH
5. NORTH MADISON CONGREGATIONAL CHURCH
6. TOWN CAMPUS GYMNASIUM

MEDICAL/INSTITUTIONAL FACILITIES
1. HARBORSIDE HEALTHCARE-MADISON HOUSE REHAB & NURSING CENTER
2. WATROUS NURSING CENTER

NOTES & SOURCES
Hurricane surge elevations were determined by the National Hurricane Center using the NCL and PV2-BDISH model basins, and assumed peak hurricane surge arriving at mean high water.

The hurricane surge inundation area shown on this map depicts 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 base map transportation features such as roads and railroads is the National Geographic Database. The source of other base map features is the Connecticut DEP.

The primary ground elevation data source was LiDAR data created by Terraplan LLC for FEMA. This data was supplemented where needed by ground surface LiDAR data created by Terraplan 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 the Connecticut State Plane NAD83 feet. All elevation data was referenced to the NAVD 88 vertical datum.

TITLE
Connecticut Hurricane Evacuation Study
Hurricane Surge Inundation Mapping
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