A combination of hurricane landfall location, forward speed, and direction

Hurricane Surge Inundation

Transportation

Public Shelter

Medical/Institutional Facility

Mobile Home/Trailer Park

NOTES & SOURCES

Hurricane surge elevations were determined by the National Hurricane Center using the NYF and PVD-BLOS 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 TIC Atlas 2008. The source of other basemap features is the Connecticut DEP.

The primary ground elevation data source was LiDAR data created by Terraplan LLC for FEMA. That 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 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 2008
Fairfield