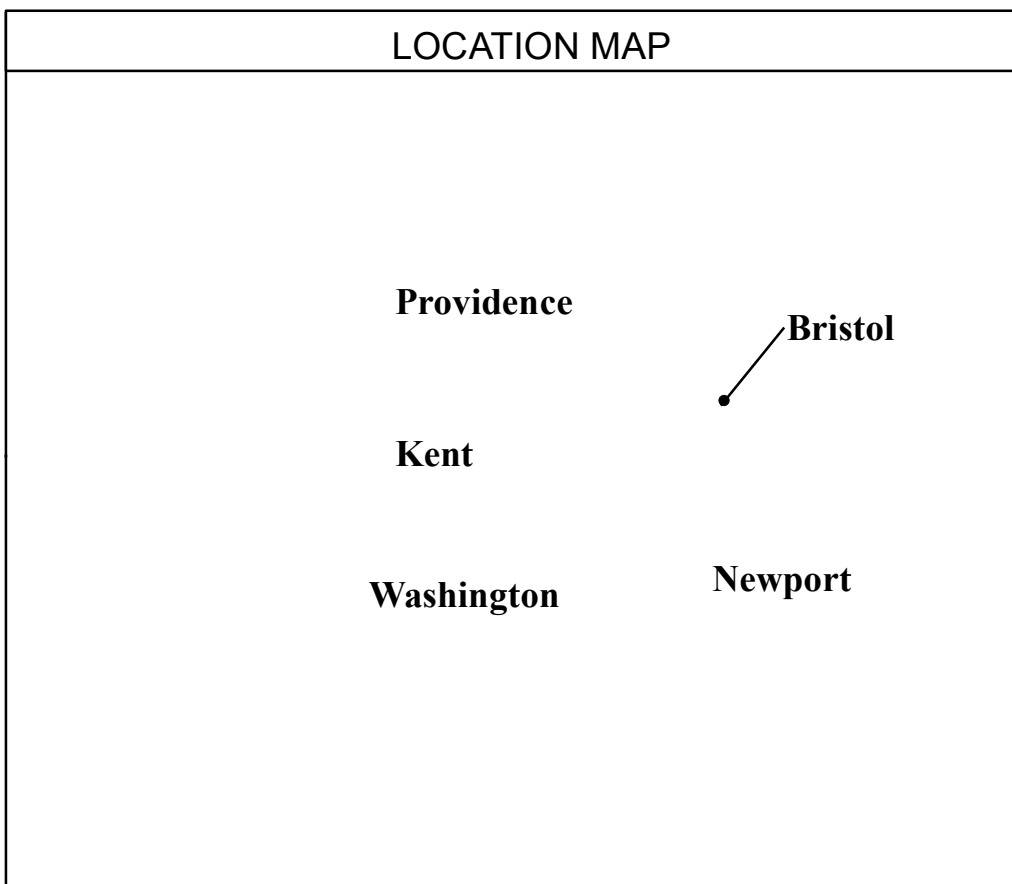


- 1 PUBLIC SHELTERS**
 1. EAST PROVIDENCE HIGH SCHOOL
 2. EDWARD R. MARTIN MIDDLE SCHOOL
 3. RIVERSIDE MIDDLE SCHOOL
- 1 MEDICAL/INSTITUTIONAL FACILITIES**
 1. CHESTNUT TERRACE NURSING & REHABILITATION CENTER
 2. EASTGATE NURSING & RECOVERY CENTER INC
 3. EVERGREEN HOUSE HEALTH CENTER
 4. HARRIS HEALTH CENTER, LLC
 5. HATTIE IDE CHAFFEE HOME
 6. LINN HEALTH CARE CENTER
 7. ORCHARD VIEW MANOR NURSING & REHABILITATION CENTER
 8. WATERVIEW VILLA INC
- 1 TRAILER/MOBILE HOME PARKS**
 1. TAYLOR PARK

LEGEND

| | |
|-----------------------------------|----------------------------------|
| Hurricane Surge Inundation | Facility Location Key |
| Category 1 | Public Shelter |
| Category 2 | Medical/Institutional Facilities |
| Category 3 | Mobile Home/Trailer Park |
| Category 4 | Fire Station |
| FEMA 100 year flood zone | Police Station |
| Transportation | Hydrographic Features |
| Limited Access Highway | Water |
| US Highways | Wetlands |
| State/Local Highways | Political |
| Local Road | Town Boundary |
| Railroad | State Boundary |
| Airport | |



NOTES & SOURCES

Hurricane surge elevations were determined by the National Hurricane Center using the Boston 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 Rhode Island Geographic Information System (RIGIS).

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

The primary ground elevation data source was a photogrammetrically derived Digital Terrain Model created by the Rhode Island Department of Transportation (RIDOT). This data was supplemented with several other elevation data sources listed below:

- FEMA Map Mod LiDAR, portions of Washington County (Terrapoint LLC, 2006)
- South Kingston, Cranston, and Charlestown Digital Terrain Models (EarthData International, 2001,2006)
- Providence Digital Terrain Model (Sanborn, 2004)
- Narragansett and Middletown Digital Terrain Models (Chas. H. Sells, Inc., 2005)
- ACE/FEMA/NOAA LiDAR (Fugro Pelagos, Inc., 2005)

TITLE

Rhode Island Hurricane Evacuation Study
Hurricane Surge Inundation Mapping
May 2009
East Providence

4,000 2,000 0 4,000 Feet

US Army Corps of Engineers
New England District

FEMA

NOAA