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 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 (Terrapin LLC, 2006)
- South Kingston, Cranston, and Charlestown Digital Terrain Models (EarthData International, 2001-2006)
- Providence Digital Terrain Model (Sandborn, 2004)
- Narragansett and Middletown Digital Terrain Models (Chiar, H. Sells, Inc., 2005)
- USACEFEMA/NOAA LiDAR (Fugro Palusco, Inc., 2005)

Rhode Island Hurricane Evacuation Study
Hurricane Surge Inundation Mapping
May 2009
South Kingstown

USDOT Federal Highway Administration
FHWA-HOR-00-009 A New England Regional Program

100 Year Floodplain
Narragansett Bay
North Kingstown
South Kingstown
Block Island Sound

South Kingston
Narragansett
Hazardous Materials
FACILITY LOCATION KEY
Public Shelter
Medical/Institutional Facilities
Mobile Home Trailer Park
Fire Station
Police Station
Pet Shelter

TRANSPORTATION
Limited Access Highway
US Highways
State/Local Highways
Local Road
Railroad
Airport

HYDROGRAPHIC FEATURES
Water
Wetlands

NOTES & SOURCES