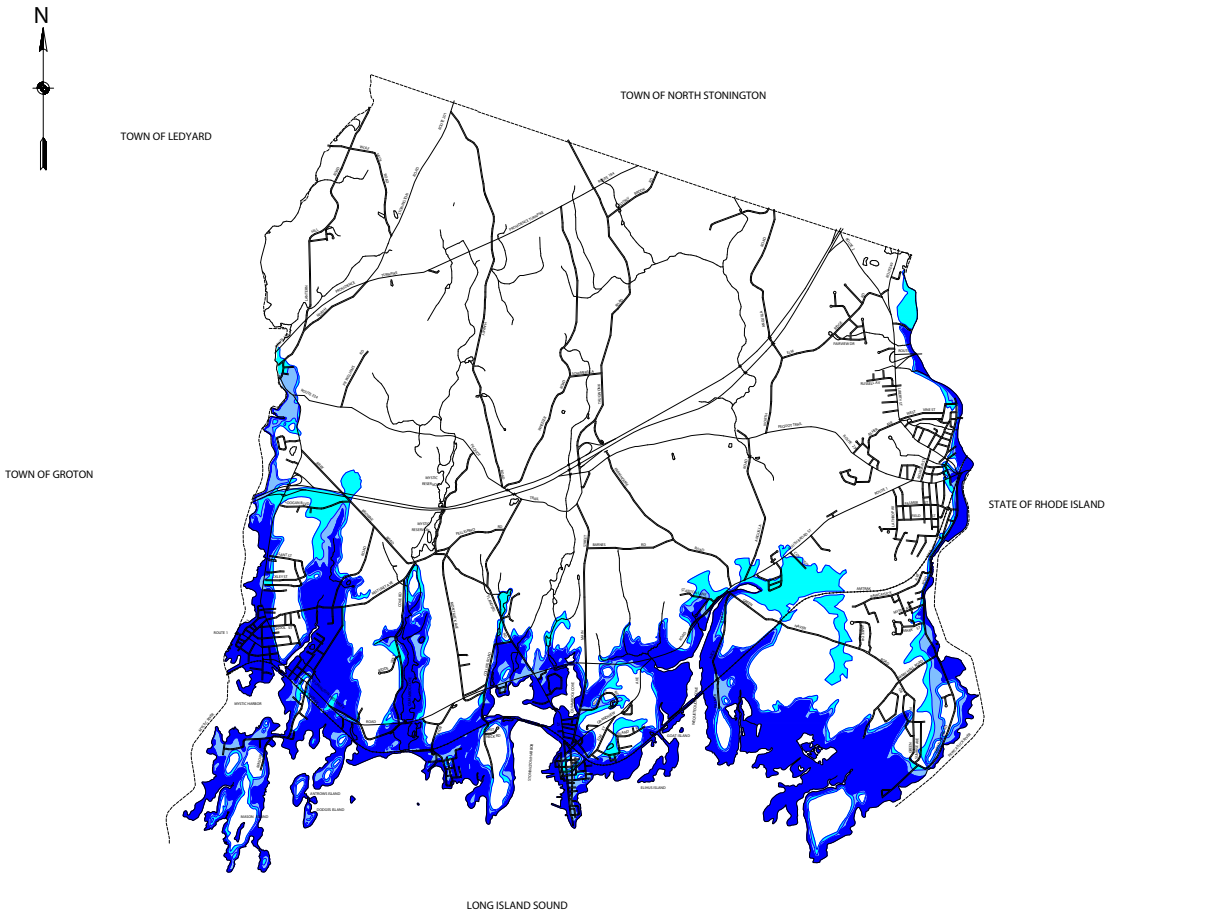


LEGEND

HURRICANE SURGE AREAS

- POTENTIAL SURGE AREAS CATEGORY 1 & 2 HURRICANES
- POTENTIAL SURGE AREAS CATEGORY 3 HURRICANES
- POTENTIAL SURGE AREAS CATEGORY 4 HURRICANES

NOTES:

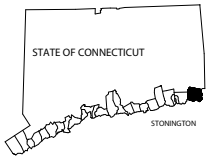
1. Inundation areas were derived from the National Hurricane Center's application of the SLOSH (Sea, Lake and Overland Surges from Hurricanes) model. Inundation areas reflect "WORST CASE" combinations of hurricane direction, forward speed, landfall point, and high astronomical tide.

2. Hurricane categories 1 through 4 refer to the Saffir-Simpson scale of hurricane intensity.

3. Shaded land areas represent areas with coastal flooding potential from hurricane categories referenced in this map legend. Inland areas that may only be subjected to freshwater flooding are not identified.

4. "WORST CASE" hurricane surge elevations delineated for each inundation area are given in the surge tide profile provided on Plate II.

LOCATION MAP



STATE OF CONNECTICUT
HURRICANE EVACUATION STUDY
INUNDATION MAP

TOWN OF STONINGTON
COUNTY OF NEW LONDON

Prepared by the U.S. Army Corps of Engineers, New England Division in cooperation with the Federal Emergency Management Agency, Region I for the State of Connecticut, Office of Emergency Management.

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STONIL.PLT