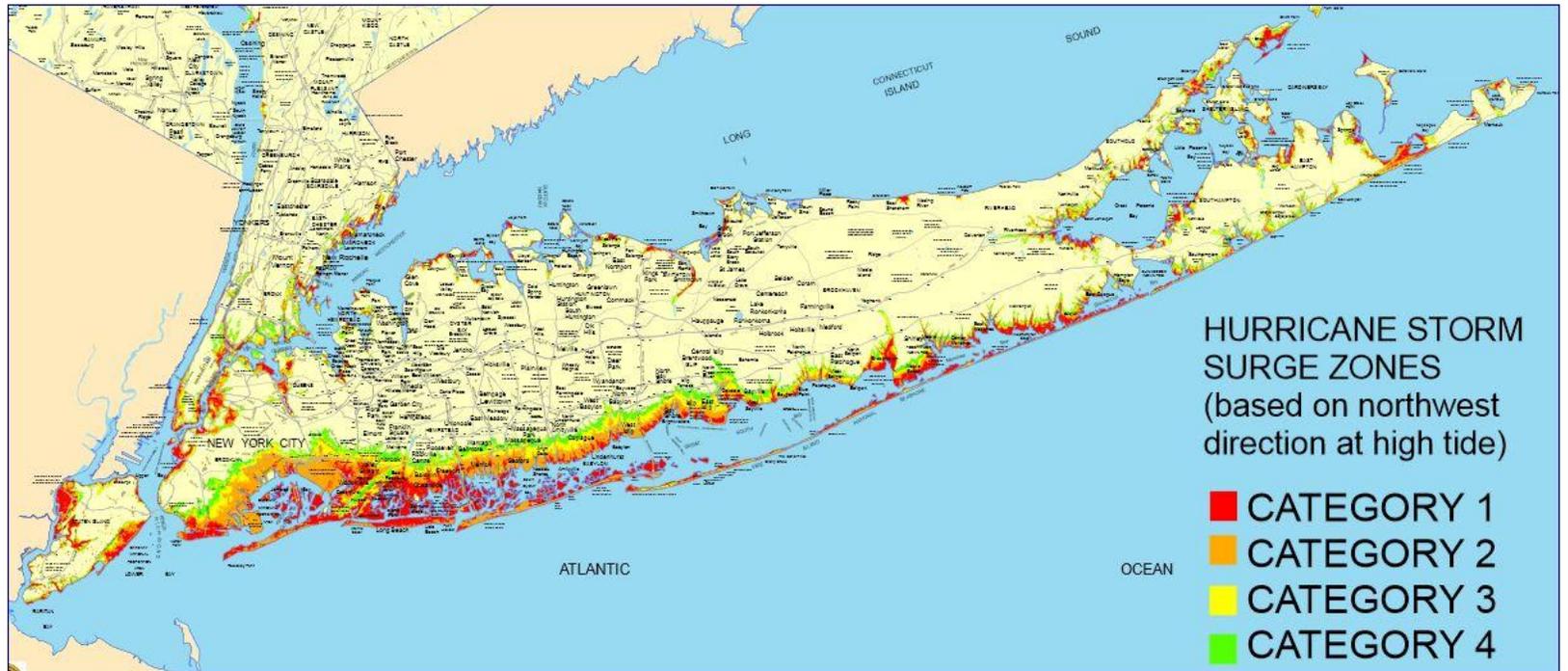
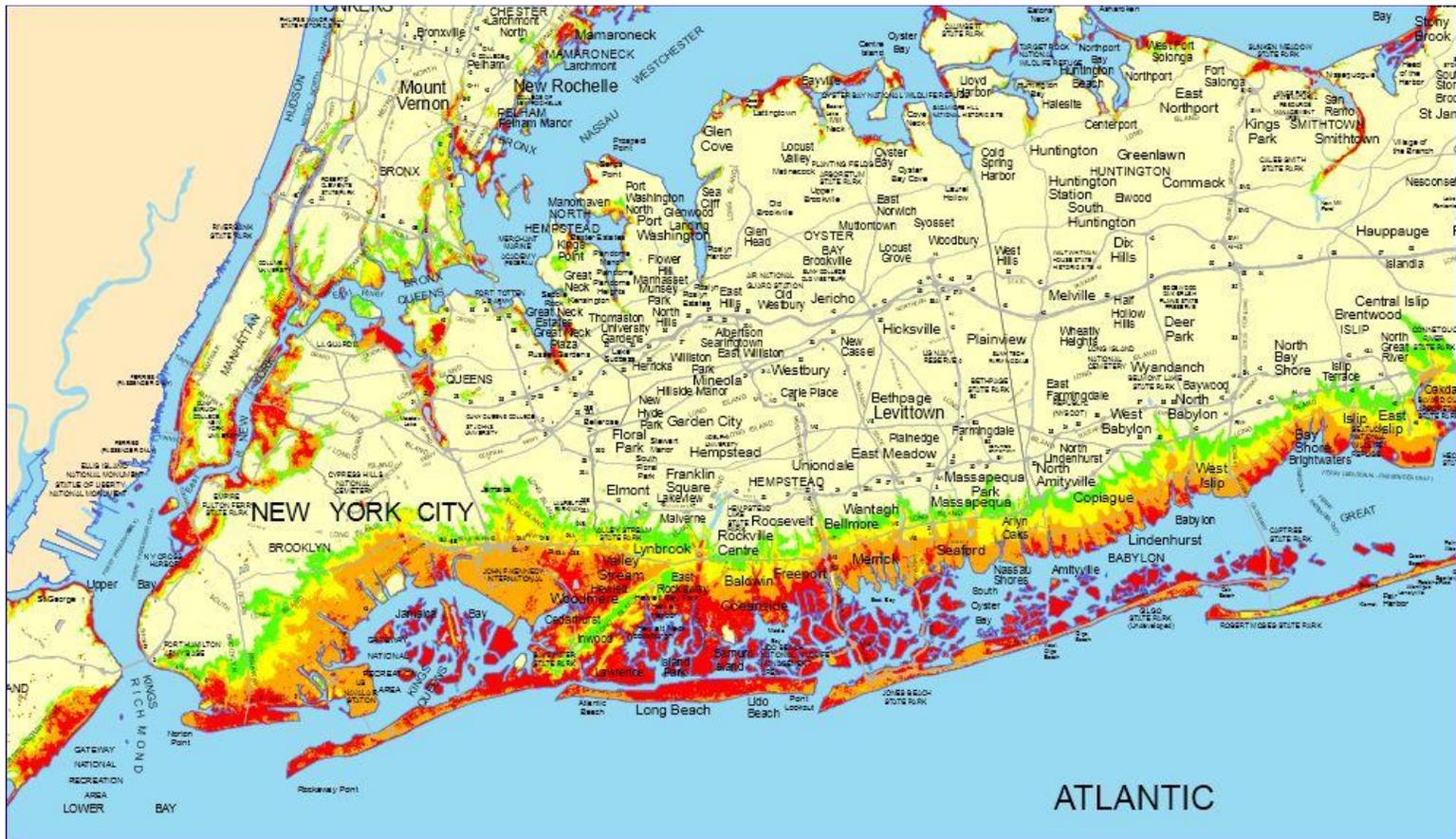


STORM SURGE MAPS



CONTINUED



[Storm Surge Interactive Risk Maps](#) from the National Hurricane Center allows the public to anticipate storm surge in their neighborhood from various strength hurricanes. Dr. Jeff Masters also makes storm surge maps available to the public for various regions on his [Storm Surge Inundation Maps for the U.S. Coast](#) page.

Some of the key observations from the above include:

- Category 1 hurricanes inundate just about all of the immediate south shore of the Island, including the north side of Great South Bay locations and both sides of the north and south forks.
- Montauk Highway (RT. 27A) is completely covered by flood waters during a Category 3 hurricane. Therefore, this road would be considered impassable during the storm.
- The highest storm surges (Category 4) would occur in the following regions:
 - Amityville Harbor - 29 feet
 - Atlantic Beach & Long Beach areas - 24 to 28 feet
 - South Oyster Bay, Middle Bay, & East Bay areas - 24 to 28 feet
 - Montauk Point is completely cut off from rest of south fork during a category 1 storm.
 - Much of the north and south forks are entirely under water during a category 3 hurricane.
 - A category 4 hurricane inundates the **entire** towns of: *Amityville, Lindenhurst, Babylon, West Islip, East Islip, Bayshore, Gilgo Beach, Cedar Beach, Great South Beach, Fair Harbor, Cherry Grove, Cupsogue, Westhampton Beach, Watermill Beach, Wainscott Beach, Plum Island, Gardiner's Island, Orient, Shelter Island (except for a few high points), Greenport, North Haven, Amagansett Beach, Napeague Beach, Montauk, Woodmere, Valley Stream, Linbrook, Long Beach, Atlantic Beach, Freeport, Merrick, Wantagh, Lido Beach, Jones Beach, and Tobay Beach.*

