



# COASTAL FLOODING DANGERS

One of the deadliest dangers a hurricane brings is its storm surge. Storm surge occurs when the strong winds of a hurricane push the water level up into areas not usually prone to flooding. It can range from a few feet in a tropical storm to over 20 ft. in a Category Five hurricane. Storm surges can be driven far inland along rivers and creeks, causing catastrophic damage. Much of Hampton Roads and northeast North Carolina is prone to flooding in the event of a major hurricane.

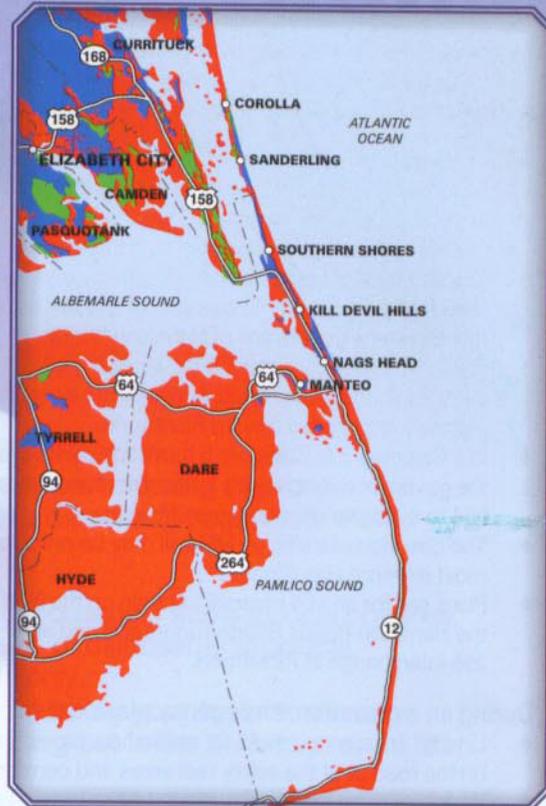
## HOW TO READ STORM SURGE MAPS

The colors represent areas that would potentially be flooded by hurricane storm surge during the respective categories of hurricanes. These maps should not be used to determine specific flooding vulnerabilities. Please contact your local office of Emergency Management to determine your specific vulnerability to flooding in the event of a hurricane.

These surge maps do not show areas that may be flooded by excessive rainfall. These maps only depict flooding that would occur as a result of the ocean and river levels rising due to storm surge, not heavy rainfall.

STORM LEVEL	WIND SPEED	POTENTIAL SURGE	PROJECTED DAMAGE
Category 1-2	75-110 MPH	4-8 FT.	Minimal-Moderate
Category 3	111-130 MPH	9-12 FT.	Extensive
Category 4	131-155 MPH	13-18 FT.	Extreme
Category 5	155+ MPH	18+ FT.	Catastrophic

## NORTHEASTERN NC



## HAMPTON ROADS AND SOUTHEASTERN VIRGINIA



**Note:** Maps represent all boundaries, directionals and information as accurately as possible at the size represented. However, the map scale is not sufficient to show specific address information.

Please contact your local office of Emergency Management to determine your specific vulnerability to flooding in the event of a hurricane.