



Study Update

The Floodplain Mapping Program within North Carolina Emergency Management (NCEM) has conducted a flood insurance study using higher resolution LiDAR data to update flood hazard risk data for Pasquotank County. This includes the first coastal storm surge update conducted since the late 1970s / early 1980s and incorporates surveys of every 1200-feet along the barrier islands. The comprehensive study included the entire coast line (54.9 miles) as well as 52.5 miles of riverine. Based on the latest studies, Pasquotank County has 1.0 square miles of proposed V zone (previously there was no V zone in the county) and 71.5 square miles of A zone (20% decrease). The tables below indicate the numbers of buildings and NFIP policies impacted by the latest studies

Pasquotank County Summary

Buildings				NFIP Policies			
V Zone		A Zone		V Zone		A Zone	
Current	Updated	Current	Updated	Current	Updated	Current	Updated
0	0	6754	3816	0	0	2025	985

V-Zone – Properties within the 100 year floodplain that are susceptible to potential damage from waves that are 3 feet or greater.

A-Zone – Properties within the 100 year floodplain.

Changes by Jurisdiction

	Buildings				NFIP Policies			
	V Zone		A Zone		V Zone		A Zone	
	Current	Updated	Current	Updated	Current	Updated	Current	Updated
PASQUOTANK COUNTY	0	0	3029	1660	0	0	908	426
ELIZABETH CITY	0	0	3725	2156	0	0	1117	559

Study Detail

The following rivers and streams were updated as part of the study:

Jurisdiction	Stream Name
PASQUOTANK COUNTY	Charles Creek
PASQUOTANK COUNTY	Knobbs Creek
PASQUOTANK COUNTY	Knobbs Creek Tributary
PASQUOTANK COUNTY	Little River
PASQUOTANK COUNTY	New Begun Creek
ELIZABETH CITY, CITY OF	Charles Creek
ELIZABETH CITY, CITY OF	Knobbs Creek
ELIZABETH CITY, CITY OF	Knobbs Creek Tributary

Points of Contact

John Dorman Assistant Director for Risk Management, NCEM
 NC Department of Public Safety
 919-825-2310 John.Dorman@ncdps.gov

