



# Flood Study Update CARTERET County

## 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 Carteret 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 (369 miles) as well as 10.1 miles of riverine. Based on the latest studies, Carteret has 202.2 square miles of V zone (50% increase) and 323.1 square miles of A zone (45% decrease). The tables below indicate the numbers of buildings and NFIP policies impacted by the latest studies.

## Carteret County Summary

Buildings				NFIP Policies			
V Zone		A Zone		V Zone		A Zone	
Current	Updated	Current	Updated	Current	Updated	Current	Updated
3700	1159	14050	16287	1261	387	5293	5921

**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
CARTERET COUNTY	212	101	7193	7509	62	27	2595	2582
ATLANTIC BEACH	858	24	2025	2085	269	1	779	789
CAPE CARTERET	16	11	211	232	2	4	109	115
EMERALD ISLE	1135	441	740	923	678	231	396	558
MOREHEAD CITY	24	21	1384	2262	3	2	545	828
NEWPORT	0	0	299	335	0	0	74	74
PINE KNOLL SHORES	656	443	229	423	131	88	108	144
INDIAN BEACH	705	77	476	498	81	15	58	76
CEDAR POINT	87	11	352	461	33	7	112	142
BOGUE	6	3	37	46	1	0	17	18
PELETIER	0	3	54	62	0	1	10	12
BEAUFORT	1	24	1050	1451	1	11	490	583

## Study Detail

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

Jurisdiction	Stream Name
CARTERET COUNTY	Cales Creek
CARTERET COUNTY	Main Prong
CARTERET COUNTY	Pettiford Creek
CAPE CARTERET, TOWN OF	Pettiford Creek
NEWPORT, TOWN OF	Deep Creek
NEWPORT, TOWN OF	Little Deep Creek
NEWPORT, TOWN OF	Main Prong
NEWPORT, TOWN OF	Newport River

