

*I. INTRODUCTION*

This section of the Hazard Mitigation Plan will assist with gauging the present level of vulnerability throughout the Pamlico Sound Region. Vulnerability is defined as the extent to which people experience harm and property damage from a hazard. This section provides an overview of unincorporated and incorporated portions of each participating County by discussing the physical layout, existing development, and hazardous locations.

As a component of this Regional planning effort, the vulnerability analysis was updated to reflect the 2014 development characteristics of each County. This section has been compiled with the most recent and available geospatial data from local, state, and regional sources. The presentation of the information is consistent in an effort to allow efficient updating of the plan as the region moves forward.

The development of Section 5 also involved the review and update of the critical facilities inventory initially established through each respective jurisdiction's mitigation planning processes. This section of the plan outlines the methodology utilized to prepare the vulnerability analysis and data relative to all participating jurisdictions.

This section of the HMP also identifies specific locations and facilities vulnerable to natural hazards with narrative, data, and maps. This section will identify the existing threat posed by each hazard outlined within Section 3 of the plan. Many of the hazards listed pose a direct threat to a defined geographic area, while others are considered to impact each County, and the Region, as a whole. Maps have been provided to further clarify the impact area of a respective hazard type. See Appendix A for maps of each participating jurisdiction.

*II. DEVELOPMENT VULNERABILITY*

This section defines vulnerability for each jurisdiction participating in the regional plan. The information presented throughout this section reflects the data that is currently available for use in this plan. As noted, the source quality of this data vary by jurisdiction. Due to the regional nature of this plan, some of the county Hazard Vulnerability Analyses may vary substantially from the jurisdiction's 2010/2011 plan. One of the primary reasons that the data has been compiled in this manner is that each County maintains the data necessary to report existing development vulnerability in a manner achievable for all participating jurisdictions. If in some cases, data to establish potential or future vulnerability is not available; local units of government can establish a strategy in the plan aiming to establish this baseline data prior to the next update cycle. Due to the regional scope of this plan, data has been presented at the County and municipal level. The resulting methodology will provide for consistency during future updates.

**A. Vulnerability to Non-Specific Hazards**

Several of the hazards outlined within Section 3 result in impacts that are not geographically targeted at a specific area or portion of the Counties. The following hazards typically impact unincorporated and incorporated portions of Beaufort, Carteret, Craven, Hyde, and Pamlico Counties overall, but may have significant impacts on specific portions of the Counties: severe winter storms, thunderstorms/windstorms, tornados, wildfire, nor'easters, sinkholes, dam/levee failures, tsunamis, and earthquakes. Hurricanes/tropical storms are also consider to potentially impact large portions of the Region, but these hazards potentially may have serious impacts on fairly specific portions of each County. Refer to maps in Appendix A for an overview of the area impacted by these hazards.

*1. Beaufort County Existing Vulnerability*

The following provides an overview of development vulnerability with respect to non-specific hazards throughout Beaufort County.

**Table 51. Beaufort County Non-Specific Hazards Development Vulnerability**

Location	Developed			Undeveloped	
	# of Properties	Acres	Building Value	# of Properties	Acres
Unincorporated County	19,433	149,511.30	\$1,725,026,642	16,873	386,286.92
Aurora	319	258.64	\$27,079,700	168	310.22
Bath	224	161.87	\$34,817,496	88	59.06
Belhaven	1,003	539.25	\$83,136,925	623	465.53
Chocowinity	374	473.01	\$50,031,600	170	130.92
Pantego	126	188.05	\$7,773,780	83	178.42
Washington	4,190	4,934.71	\$710,212,817	1,075	1,115.10
Washington Park	235	107.13	\$30,516,240	69	20.89
<b>Beaufort County Total</b>	<b>25,904</b>	<b>156,173.96</b>	<b>\$2,668,595,200</b>	<b>19,149</b>	<b>388,567.06</b>

*Source: Beaufort County, US Census Bureau, HCP, Inc.*

*2. Beaufort County Future Vulnerability*

At this time, Beaufort County does not have the database (including recently developed accurate and usable information) required to perform a detailed analysis of potential future conditions in relation to the non-specific hazard area. The County will continue to work on improving its GIS capabilities and aim to incorporate this element into future updates of this plan.

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**3. Carteret County Existing Vulnerability**

The following provides an overview of development vulnerability with respect to non-specific hazards for incorporated and unincorporated portions of Carteret County.

**Table 52. Carteret County Non-Specific Hazards Development Vulnerability**

Location	Developed			Undeveloped	
	# of Properties	Acres	Building Value	# of Properties	Acres
Unincorporated County	28,994	101,773.80	\$5,046,636,488	20,553	1,295,092.86
Atlantic Beach	3,980	520.15	\$841,428,142	885	1,401.51
Beaufort	2,344	883.63	\$381,824,788	808	1,384.01
Bogue	350	328.75	\$45,172,729	213	1,304.60
Cape Carteret	1,056	945.37	\$187,959,062	505	449.88
Cedar Point	821	555.99	\$159,583,957	354	519.54
Emerald Isle	5,705	1,503.02	\$1,462,349,537	1,684	1,131.07
Indian Beach	860	91.65	\$305,287,366	161	234.21
Morehead City	4,581	2,059.47	\$1,023,782,921	1,506	1,687.64
Newport	1,330	728.77	\$163,426,268	273	3,403.19
Peletier	303	764.93	\$30,146,786	243	1,322.61
Pine Knoll Shores	2,000	544.98	\$637,140,284	391	700.47
Carteret County Total	52,324	110,700.51	\$10,284,738,328	27,576	1,308,631.59

Source: Carteret County, US Census Bureau, HCP, Inc.

**4. Carteret County Future Vulnerability**

At this time, Carteret County does not have the database (including recently developed accurate and usable information) required to perform a detailed analysis of potential future conditions in relation to the non-specific hazard area. The County will continue to work on improving its GIS capabilities and aim to incorporate this element into future updates of this plan.

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**5. Craven County Existing Vulnerability**

The following provides an overview of development vulnerability with respect to non-specific hazards for incorporated and unincorporated portions of Craven County.

**Table 53. Craven County Non-Specific Hazards Development Vulnerability**

Location	Developed			Undeveloped	
	# of Properties	Acres	Building Value	# of Properties	Acres
Unincorporated County	19,485	125,963.28	\$2,194,005,883	9,402	287,552.90
Bridgeton	316	365.42	\$33,092,446	124	478.53
Cove City	250	174.89	\$12,132,716	123	209.35
Dover	234	186.65	\$11,017,715	129	367.00
Havelock	4,900	9,966.00	\$1,093,902,078	285	436.71
New Bern	12,714	10,451.80	\$2,153,480,928	3,393	6,106.50
River Bend	1,614	1,034.25	\$213,463,487	176	397.42
Trent Woods	1,923	1,421.59	\$363,198,862	246	224.28
Vanceboro	559	970.23	\$37,564,324	210	446.33
<b>Craven County Total</b>	<b>41,995</b>	<b>150,534.11</b>	<b>\$6,111,858,439</b>	<b>14,088</b>	<b>296,219.02</b>

Source: Craven County, US Census Bureau, HCP, Inc.

**6. Craven County Future Vulnerability**

At this time, Craven County does not have the database (including recently developed accurate and usable information) required to perform a detailed analysis of potential future conditions in relation to the non-specific hazard area. The County will continue to work on improving its GIS capabilities and aim to incorporate this element into future updates of this plan.

**7. Hyde County Existing Vulnerability**

The following provides an overview of development vulnerability with respect to non-specific hazards for Hyde County (NOTE: There are no incorporated jurisdictions in the county).

**Table 54. Hyde County Non-Specific Hazards Development Vulnerability**

Location	Developed			Undeveloped	
	# of Properties	Acres	Building Value	# of Properties	Acres
Hyde County	3,085	125,577.59	\$269,252,747	4,887	301,397.00

Source: Hyde County, US Census Bureau, HCP, Inc.

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**8. Hyde County Future Vulnerability**

At this time, Hyde County does not have the database (including recently developed accurate and usable information) required to perform a detailed analysis of potential future conditions in relation to the non-specific hazard area. The County will continue to work on improving its GIS capabilities and aim to incorporate this element into future updates of this plan.

**9. Pamlico County Existing Vulnerability**

The following provides an overview of development vulnerability with respect to non-specific hazards for incorporated and unincorporated portions of Pamlico County.

**Table 55. Pamlico County Non-Specific Hazards Development Vulnerability**

Location	Developed			Undeveloped	
	# of Properties	Acres	Building Value	# of Properties	Acres
Unincorporated County	6,065	41,632.36	\$504,184,081	5,576	162,792.07
Alliance	343	625.49	\$31,350,824	153	415.10
Arapahoe	131	261.96	\$11,945,506	47	129.42
Bayboro	394	631.97	\$84,480,204	199	372.57
Grantsboro	365	799.76	\$32,319,793	237	1,463.27
Mesic	160	271.20	\$8,415,615	105	392.41
Minnesott Beach	373	1,273.12	\$72,202,605	727	892.74
Oriental	1,207	441.76	\$120,468,187	431	329.91
Stonewall	164	332.77	\$13,545,467	982	672.80
Vandemere	192	405.92	\$12,227,753	214	526.71
<b>Pamlico County Total</b>	<b>9,394</b>	<b>46,676.31</b>	<b>\$891,140,035</b>	<b>8,671</b>	<b>167,987.00</b>

Source: Pamlico County, US Census Bureau, HCP, Inc.

**10. Pamlico County Future Vulnerability**

At this time, Pamlico County does not have the database (including recently developed accurate and usable information) required to perform a detailed analysis of potential future conditions in relation to the non-specific hazard area. The County will continue to work on improving its GIS capabilities and aim to incorporate this element into future updates of this plan.

**B. Flooding**

Flooding primarily impacts the Pamlico Sound Region during thunderstorm events, heavy rains, and in some cases when upstream precipitation results in downstream drainage issues. Hurricanes and tropical storm events can also result in localized and/or widespread heavy flooding. The following section provides an analysis of vulnerability for properties within the Region’s flood zones and provides an overview of the impacts associated with: riverine flooding, hurricanes/tropical storms, and dam/levee failure.

*1. Flood Insurance Rate Maps (FIRMS)*

Maps provided in Appendix A graphically depict the extent of the high risk flooding areas within each participating jurisdiction as defined by the Flood Insurance Rate Maps (FIRMS) developed by the Federal Emergency Management Agency (FEMA). FEMA defines areas within “flood zones,” based on varying levels of risk of flooding in each area. Properties in Zones “A” and “AE” are considered to be high-risk flood zones, as there is a 1% or greater chance of flooding each year. Properties in Zone “X-500” have an approximately 0.02, or 1 in 500, chance of flooding each year. Table 56 provides the acreage within each County located within a flood hazard area.

**Table 56. Pamlico Sound Region Flood Hazard Areas**

Type	Beaufort County		Carteret County		Craven County		Hyde County		Pamlico County	
	Acre	% of County	Acre	% of County	Acre	% of County	Acre	% of County	Acre	% of County
A	1.34	0.0%	0.00	0.0%	14,915.28	3.3%	5,360.94	1.2%	55.96	0.0%
AE	130,013.09	24.3%	469,587.86	33.1%	73,918.21	16.1%	352,703.68	79.8%	90,314.52	41.4%
AEFW	3,987.33	0.7%	62,132.12	4.4%	10,115.18	2.2%	0.00	0.0%	372.56	0.2%
AO	0.00	0.0%	17,143.91	1.2%	0.00	0.0%	0.00	0.0%	0.00	0.0%
VE	0.00	0.0%	38,389.33	2.7%	0.00	0.0%	6,850.65	1.6%	1,948.33	0.9%
X-500	19,062.85	3.6%	327,126.71	23.0%	11,255.21	2.5%	5,317.39	1.2%	9,759.33	4.5%
Total	153,064.61	28.6%	914,379.93	64.4%	110,203.88	24.0%	370,232.66	83.8%	102,450.70	47.0%

Source: FEMA, HCP, Inc.

*2. Beaufort County Existing Vulnerability*

The following provides an overview of existing conditions for portions of Beaufort County located within a defined flood hazard area, utilizing the same methodology outlined in Section A.1 for Beaufort County. Data is not currently available to provide a more detailed breakdown.

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**Table 57. Beaufort County Floodprone Structures**

Location	Developed			Undeveloped	
	# of Properties	Acres	Building Value	# of Properties	Acres
Unincorporated County	8,620	90,568.92	\$755,704,544	8,448	210,090.31
Aurora	192	190.78	\$25,679,786	108	382.31
Bath	191	188.00	\$26,206,605	62	76.40
Belhaven	1,003	539.25	\$83,136,925	623	465.53
Chocowinity	66	198.02	\$24,508,103	35	37.38
Pantego	176	308.85	\$11,225,048	108	347.45
Washington	3,901	7,272.33	\$702,466,089	902	956.53
Washington Park	266	138.34	\$33,979,019	81	25.54
Beaufort County Total	14,415	99,404.49	\$1,662,906,119	10,367	212,381.45

Source: Beaufort County, US Census Bureau, HCP, Inc.

**3. Beaufort County Future Vulnerability**

At this time, Beaufort County does not have the database required to perform a detailed analysis of potential future conditions in relation to flood hazard areas. The County will continue to work on improving its GIS capabilities and aim to incorporate this element into future updates of this plan.

**4. Carteret County Existing Vulnerability**

The following provides an overview of existing conditions for portions of Carteret County located within a defined flood hazard area, utilizing the same methodology outlined in Section A.1 for Carteret County. Data is not currently available to provide a more detailed breakdown.

**Table 58. Carteret County Floodprone Structures**

Location	Developed			Undeveloped	
	# of Properties	Acres	Building Value	# of Properties	Acres
Unincorporated County	28,994	101,773.80	\$5,046,636,488	20,553	1,295,092.86
Atlantic Beach	3,980	520.15	\$841,428,142	885	1,401.51
Beaufort	2,344	883.63	\$381,824,788	808	1,384.01
Bogue	350	328.75	\$45,172,729	213	1,304.60
Cape Carteret	1,056	945.37	\$187,959,062	505	449.88
Cedar Point	821	555.99	\$159,583,957	354	519.54
Emerald Isle	5,705	1,503.02	\$1,462,349,537	1,684	1,131.07
Indian Beach	860	91.65	\$305,287,366	161	234.21

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Location	Developed			Undeveloped	
	# of Properties	Acres	Building Value	# of Properties	Acres
Morehead City	4,581	2,059.47	\$1,023,782,921	1,506	1,687.64
Newport	1,330	728.77	\$163,426,268	273	3,403.19
Peletier	303	764.93	\$30,146,786	243	1,322.61
Pine Knoll Shores	2,000	544.98	\$637,140,284	391	700.47
Carteret County Total	52,324	110,700.51	\$10,284,738,328	27,576	1,308,631.59

Source: Carteret County, US Census Bureau, HCP, Inc.

**5. Carteret County Future Vulnerability**

At this time, Carteret County does not have the database required to perform a detailed analysis of potential future conditions in relation to flood hazard areas. The County will continue to work on improving its GIS capabilities and aim to incorporate this element into future updates of this plan.

**6. Craven County Existing Vulnerability**

The following provides an overview of existing conditions for portions of Craven County located within a defined flood hazard area, utilizing the same methodology outlined in Section A.1 for Craven County. Data is not currently available to provide a more detailed breakdown.

**Table 59. Craven County Floodprone Structures**

Location	Developed			Undeveloped	
	# of Properties	Acres	Building Value	# of Properties	Acres
Unincorporated County	6,264	79,099.03	\$811,680,298	4,033	195,717.36
Bridgeton	307	363.39	\$32,286,126	123	478.41
Cove City	0	0.00	\$0	0	0.00
Dover	0	0.00	\$0	0	0.00
Havelock	328	7,781.88	\$555,713,790	49	26.90
New Bern	3,626	4,850.38	\$650,897,217	1,345	3,388.59
River Bend	719	519.04	\$98,400,850	69	171.16
Trent Woods	594	680.24	\$141,610,671	113	146.94
Vanceboro	125	302.81	\$7,835,261	76	322.02
Craven County Total	11,963	93,596.77	\$2,298,424,213	5,808	200,251.38

Source: Craven County, US Census Bureau, HCP, Inc.



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**7. Craven County Future Vulnerability**

At this time, Craven County does not have the database required to perform a detailed analysis of potential future conditions in relation to flood hazard areas. The County will continue to work on improving its GIS capabilities and aim to incorporate this element into future updates of this plan.

**8. Hyde County Existing Vulnerability**

The following provides an overview of existing conditions for portions of Hyde County located within a defined flood hazard area, utilizing the same methodology outlined in Section A.1 for Hyde County. Data is not currently available to provide a more detailed breakdown.

**Table 60. Hyde County Floodprone Structures**

Location	Developed			Undeveloped	
	# of Properties	Acres	Building Value	# of Properties	Acres
Hyde County	2,981	124,358.23	\$263,521,377	4,734	279,774.77

Source: Hyde County, US Census Bureau, HCP, Inc.

**9. Hyde County Future Vulnerability**

At this time, Hyde County does not have the database required to perform a detailed analysis of potential future conditions in relation to flood hazard areas. The County will continue to work on improving its GIS capabilities and aim to incorporate this element into future updates of this plan.

**10. Pamlico County Existing Vulnerability**

The following provides an overview of existing conditions for portions of Pamlico County located within a defined flood hazard area, utilizing the same methodology outlined in Section A.1 for Pamlico County. Data is not currently available to provide a more detailed breakdown.

**Table 61. Pamlico County Floodprone Structures**

Location	Developed			Undeveloped	
	# of Properties	Acres	Building Value	# of Properties	Acres
Unincorporated County	3,474	29,280.79	\$260,331,882	3,473	113,195.46
Alliance	198	697.71	\$20,573,625	98	509.02
Arapahoe	0	0.00	\$0	0	0.00
Bayboro	410	923.63	\$128,071,642	252	703.65

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Location	Developed			Undeveloped	
	# of Properties	Acres	Building Value	# of Properties	Acres
Grantsboro	12	10.12	\$3,720,174	16	334.12
Mesic	160	271.20	\$8,415,615	104	392.40
Minnesott Beach	175	2,149.71	\$47,422,973	344	476.86
Oriental	957	500.12	\$118,176,117	454	375.52
Stonewall	191	592.35	\$20,151,809	1,048	1,020.15
Vandemere	178	403.98	\$11,779,818	213	526.31
Pamlico County Total	5,755	34,829.61	\$618,643,655	6,002	117,533.49

Source: Pamlico County, US Census Bureau, HCP, Inc.

### 11. Pamlico County Future Vulnerability

At this time, Pamlico County does not have the database required to perform a detailed analysis of potential future conditions in relation to flood hazard areas. The County will continue to work on improving its GIS capabilities and aim to incorporate this element into future updates of this plan.

### C. Drought/Extreme Heat

No analysis was performed to address the drought/extreme heat hazard within the Pamlico Sound Region. All properties and citizens are equally vulnerable to this risk within Beaufort, Carteret, Craven, Hyde, and Pamlico Counties. The Counties and the participating municipalities will continue to monitor the drought situation in conjunction with the State of North Carolina to ensure that water supply resources are protected and maintained. Over the last few years, the Region has not been required to impose water restrictions. The Regional MAC will continue to work closely with all participating jurisdictions to ensure that water resources are protected.

### III. FRAGILE AREAS

Fragile areas are areas which could easily be damaged or destroyed by inappropriate, unplanned, or poorly planned development. The environmentally sensitive areas located in the Pamlico Sound Region include predominantly 404 wetlands. 404 wetlands are areas covered by water or that have water-logged soils for long periods during the growing season. Plants growing in wetlands are capable of living in soils lacking oxygen for at least part of the growing season. Some wetlands, such as swamps, are obvious. Others are sometimes difficult to identify because they may be dry during part of the year. Wetlands include, but are not limited to, bottomlands, forests, swamps, pocosins, pine savannahs, bogs, marshes, and wet meadows.

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Section 404 of the Clean Water Act requires that anyone interested in depositing dredged or fill material into “waters of the United States,” including wetlands, must apply for and receive a permit for such activities. 404 wetland areas are scattered throughout the Pamlico Sound Region. Specific wetlands locations must be delineated in the field on case-by-case basis by the US Army Corps of Engineers.

The presence and protection of fragile areas can provide natural hazard mitigation benefits. Wetlands and open space areas in general act as natural flood controls by storing tremendous amounts of floodwater and slowing/reducing downstream flows. Riparian (vegetated buffer) habitat protection programs can help preserve the natural mitigating features of streams while also achieving wildlife preservation objectives. The Tar-Pamlico River Basin Riparian Buffer Rules are examples of these protection programs.

#### IV. CRITICAL FACILITIES (including participating jurisdictions)

After a hazard event, it is important to be aware of those facilities that are essential to the health, safety, and viability of each County. The damage or destruction of publicly-owned facilities could disrupt the everyday lives of citizens throughout the Pamlico Sound Region. For the purpose of completing this plan, critical facilities are defined as those facilities that are essential to the preservation of life and property during a disaster, those that are critical to the continuity of government, those necessary to ensure timely recovery, and those that provide shelter to individuals needing that service. Following are lists of the most critical facilities for Beaufort, Carteret, Craven, Hyde, and Pamlico Counties (including all participating municipalities). Critical facilities located throughout each County are mapped in Appendix A. The critical facilities listing and associated maps were compiled by the MAC through the planning process associated with this update.

**Table 62. Pamlico Sound Region Critical Facilities**

Map ID	Facility	Type	Location	County
<b>BEAUFORT COUNTY (SEE MAPS 2-8)</b>				
1	Aurora Fire Department and Rescue Squad	Emergency Services	Aurora	Beaufort
2	Aurora Police Department	Emergency Services	Aurora	Beaufort
3	Bath Community Rescue Squad	Emergency Services	Bath	Beaufort
4	Bath Volunteer Fire Department	Emergency Services	Bath	Beaufort
5	Pamlico Beach Fire Department and Rescue Squad	Emergency Services	Belhaven	Beaufort
6	Sidney Volunteer Fire Department, Inc.	Emergency Services	Belhaven	Beaufort
7	Pungo District Hospital	Emergency Services	Belhaven	Beaufort
8	Belhaven Police Department	Emergency Services	Belhaven	Beaufort
9	Belhaven Fire and Rescue	Emergency Services	Belhaven	Beaufort
10	Blounts Creek Volunteer Fire Department and Emergency Medical Services	Emergency Services	Blounts Creek	Beaufort
11	Chocowinity Fire Department - Wilmar Substation	Emergency Services	Chocowinity	Beaufort

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Map ID	Facility	Type	Location	County
12	Chocowinity Emergency Medical Services, Inc.	Emergency Services	Chocowinity	Beaufort
13	Chocowinity Volunteer Fire Department	Emergency Services	Chocowinity	Beaufort
14	Chocowinity Police Department	Emergency Services	Chocowinity	Beaufort
15	Aurora Fire Department - Edward Substation	Emergency Services	Edward	Beaufort
16	Pantego Fire Department	Emergency Services	Pantego	Beaufort
17	Pungo River Volunteer Fire Department, Inc.	Emergency Services	Pantego	Beaufort
18	Pinetown Rescue and Emergency Medical Services	Emergency Services	Pinetown	Beaufort
19	Pinetown Volunteer Fire Department	Emergency Services	Pinetown	Beaufort
20	Long Acre Volunteer Fire Department, Inc.	Emergency Services	Plymouth	Beaufort
21	North Carolina Park Rangers - Goose Creek Park	Emergency Services	Washington	Beaufort
22	Broad Creek Emergency Medical Services, Inc.	Emergency Services	Washington	Beaufort
23	Bunyan Volunteer Fire Department, Inc.	Emergency Services	Washington	Beaufort
24	Beaufort County Community College Police Department	Emergency Services	Washington	Beaufort
25	Beaufort County Sheriff's Department	Emergency Services	Washington	Beaufort
26	Washington Police Department	Emergency Services	Washington	Beaufort
27	Washington Fire and Rescue	Emergency Services	Washington	Beaufort
28	Coastal Medical Transport, Inc.	Emergency Services	Washington	Beaufort
29	Beaufort County Hospital	Emergency Services	Washington	Beaufort
30	United States Fish and Wildlife Service - Office of Law Enforcement	Emergency Services	Washington	Beaufort
31	Tar Heel Medical Transport	Emergency Services	Washington	Beaufort
32	NC State Highway Patrol Troop A District IV	Emergency Services	Washington	Beaufort
33	Clarks Neck Volunteer Fire Department, Inc. Station 2	Emergency Services	Washington	Beaufort
34	Old Ford Volunteer Fire Department, Inc.	Emergency Services	Washington	Beaufort
35	SW Snowden Elementary	Schools	Aurora	Beaufort
36	Bath Elementary	Schools	Bath	Beaufort
37	Southside High	Schools	Chocowinity	Beaufort
38	Chocowinity Primary	Schools	Chocowinity	Beaufort
39	Chocowinity Middle	Schools	Chocowinity	Beaufort
40	Northside High	Schools	Pinetown	Beaufort
41	Northeast Elementary	Schools	Pinetown	Beaufort
42	Beaufort County Early College High	Schools	Washington	Beaufort
43	Washington Montessori	Schools	Washington	Beaufort
44	Eastern Elementary	Schools	Washington	Beaufort
45	BC Ed Tech Center	Schools	Washington	Beaufort
46	Washington High	Schools	Washington	Beaufort
47	John C Tayloe Elementary	Schools	Washington	Beaufort
48	PS Jones Middle	Schools	Washington	Beaufort

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Map ID	Facility	Type	Location	County
49	John Small Elementary	Schools	Washington	Beaufort
50	Beaufort County Emergency Management	Government	Washington	Beaufort
51	Aurora Town Hall	Government	Aurora	Beaufort
52	Bath Town Hall	Government	Bath	Beaufort
53	Belhaven Town Hall	Government	Belhaven	Beaufort
54	Chocowinity Town Hall	Government	Chocowinity	Beaufort
55	Pantego Town Hall	Government	Pantego	Beaufort
56	Washington City Hall	Government	Washington	Beaufort
57	Washington Park Town Hall	Government	Washington	Beaufort

**PAMLICO SOUND REGIONAL HAZARD MITIGATION PLAN**

**SECTION 5. VULNERABILITY ASSESSMENT**

Map ID	Facility	Type	Location	County
<b>CARTERET COUNTY (SEE MAPS 10-14)</b>				
1	Atlantic Fire Department, Inc.	Emergency Services	Atlantic Beach	Carteret
2	Fort Macon State Park Ranger Station	Emergency Services	Atlantic Beach	Carteret
3	United States Coast Guard - Fort Macon	Emergency Services	Atlantic Beach	Carteret
4	Atlantic Beach Fire Department	Emergency Services	Atlantic Beach	Carteret
5	Atlantic Beach Police Department	Emergency Services	Atlantic Beach	Carteret
6	Beaufort Fire Department	Emergency Services	Beaufort	Carteret
7	Beaufort Police Department	Emergency Services	Beaufort	Carteret
8	Carteret County Sheriff's Department	Emergency Services	Beaufort	Carteret
9	Beaufort Emergency Medical Services, Inc.	Emergency Services	Beaufort	Carteret
10	Otway Volunteer Fire and Rescue Department, Inc.	Emergency Services	Beaufort	Carteret
11	North River and Laurel Road Volunteer Fire Department	Emergency Services	Beaufort	Carteret
12	NC Division of Forest Resources District 4 - Carteret County	Emergency Services	Beaufort	Carteret
13	South River-Merrimon Fire and Emergency Medical Services, Inc.	Emergency Services	Beaufort	Carteret
14	Cape Carteret Police Department	Emergency Services	Cape Carteret	Carteret
15	Cedar Island Volunteer Fire Department	Emergency Services	Cedar Island	Carteret
16	Davis Volunteer Fire Department, Inc.	Emergency Services	Davis	Carteret
17	United States Coast Guard - Emerald Isle Station	Emergency Services	Emerald Isle	Carteret
18	Emerald Isle Emergency Medical Services, Inc.	Emergency Services	Emerald Isle	Carteret
19	Emerald Isle Fire Department Station 1 - Headquarters	Emergency Services	Emerald Isle	Carteret
20	City of Emerald Isle Police Department	Emergency Services	Emerald Isle	Carteret
21	Emerald Isle Fire Department - Station 2	Emergency Services	Emerald Isle	Carteret
22	Cape Lookout National Seashore - Headquarters	Emergency Services	Harkers Island	Carteret
23	Harkers Island Fire and Rescue Squad	Emergency Services	Harkers Island	Carteret
24	Indian Beach Police Department	Emergency Services	Indian Beach	Carteret
25	Salter Path Volunteer Fire and Emergency Medical Services Department	Emergency Services	Indian Beach	Carteret
26	Marshallberg Volunteer Fire Department, Inc.	Emergency Services	Marshallberg	Carteret
27	Morehead City Police Department	Emergency Services	Morehead City	Carteret
28	North Carolina State Port Authority - Morehead City	Emergency Services	Morehead City	Carteret
29	Morehead City Fire and Emergency Medical Services Department - Station 1	Emergency Services	Morehead City	Carteret
30	Morehead City Fire and Emergency Medical Services Department - Station 2	Emergency Services	Morehead City	Carteret
31	Carteret General Hospital	Emergency Services	Morehead City	Carteret
32	United States Customs and Border Protection - Port of Entry - Morehead City - Beaufort	Emergency Services	Morehead City	Carteret

**PAMLICO SOUND REGIONAL HAZARD MITIGATION PLAN****SECTION 5. VULNERABILITY ASSESSMENT**

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Map ID	Facility	Type	Location	County
33	Medical Transport Solutions	Emergency Services	Morehead City	Carteret
34	Morehead City Fire and Emergency Medical Services Department - Station 3	Emergency Services	Morehead City	Carteret
35	Wildwood Volunteer Fire Department	Emergency Services	Morehead City	Carteret
36	North Carolina State Highway Patrol Troop A District VIII	Emergency Services	Morehead City	Carteret
37	Broad and Gales Creek Volunteer Fire Department	Emergency Services	Newport	Carteret
38	Broad and Gales Creek Rescue Squad	Emergency Services	Newport	Carteret
39	Mill Creek Fire and Rescue Department	Emergency Services	Newport	Carteret
40	Newport Fire Department	Emergency Services	Newport	Carteret
41	Newport Police Department	Emergency Services	Newport	Carteret
42	Newport Fire Department - Substation	Emergency Services	Newport	Carteret
43	Pine Knoll Shores Police Department - Headquarters	Emergency Services	Pine Knoll Shores	Carteret
44	Pine Knoll Shores Fire and Emergency Medical Services Department	Emergency Services	Pine Knoll Shores	Carteret
45	Sealevel Fire Rescue and Community Center	Emergency Services	Sealevel	Carteret
46	Stacy Volunteer Fire Department, Inc.	Emergency Services	Stacy	Carteret
47	Stella Volunteer Fire Department	Emergency Services	Stella	Carteret
48	Western Carteret Fire and Emergency Medical Services	Emergency Services	Swansboro	Carteret
49	Atlantic Elementary	Schools	Atlantic Beach	Carteret
50	Beaufort Elementary	Schools	Beaufort	Carteret
51	Beaufort Middle	Schools	Beaufort	Carteret
52	Tiller School	Schools	Beaufort	Carteret
53	East Carteret High	Schools	Beaufort	Carteret
54	White Oak Elementary	Schools	Cape Carteret	Carteret
55	Harkers Island Elementary	Schools	Harkers Island	Carteret
56	Cape Lookout Marine Science High	Schools	Morehead City	Carteret
57	Morehead Elementary at Camp Glenn	Schools	Morehead City	Carteret
58	Morehead City Middle	Schools	Morehead City	Carteret
59	Morehead City Primary	Schools	Morehead City	Carteret
60	West Carteret High	Schools	Morehead City	Carteret
61	Croatan High	Schools	Newport	Carteret
62	Bogue Sound Elementary	Schools	Newport	Carteret
63	Broad Creek Middle	Schools	Newport	Carteret
64	Newport Middle	Schools	Newport	Carteret
65	Newport Elementary	Schools	Newport	Carteret
66	Smyrna Elementary	Schools	Smyrna	Carteret
67	Carteret County Emergency Operations Center	Government	Beaufort	Carteret
68	Atlantic Beach Town Hall	Government	Atlantic Beach	Carteret

# PAMLICO SOUND REGIONAL HAZARD MITIGATION PLAN

## SECTION 5. VULNERABILITY ASSESSMENT

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Map ID	Facility	Type	Location	County
69	Beaufort Town Hall	Government	Beaufort	Carteret
70	Bogue Town Hall	Government	Bogue	Carteret
71	Cape Carteret Town Hall	Government	Cape Carteret	Carteret
72	Cedar Point Town Hall	Government	Cedar Point	Carteret
73	Emerald Isle Town Hall	Government	Emerald Isle	Carteret
74	Indian Beach Town Hall	Government	Indian Beach	Carteret
75	Morehead City Town Hall	Government	Morehead City	Carteret
76	Newport Town Hall	Government	Newport	Carteret
77	Pine Knoll Shores Town Hall	Government	Pine Knoll Shores	Carteret
78	Peletier Town Hall	Government	Peletier	Carteret



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Map ID	Facility	Type	Location	County
<b>CRAVEN COUNTY (SEE MAPS 16-23)</b>				
1	Tri-Community Volunteer Fire District	Emergency Services	Bridgeton	Craven
2	Bridgeton Rescue Squad	Emergency Services	Bridgeton	Craven
3	Marine Corp Air Station Cherry Point Fire Department Station 3-DOD	Emergency Services	Cherry Point	Craven
4	Naval Hospital Cherry Point-DOD	Emergency Services	Cherry Point	Craven
5	Marine Corp Air Station Cherry Point Fire Department Station 1-DOD	Emergency Services	Cherry Point	Craven
6	Marine Corp Air Station Cherry Point Fire Department Station 2-DOD	Emergency Services	Cherry Point	Craven
7	Cove City Fire and Rescue, Inc.	Emergency Services	Cove City	Craven
8	Cove City Rescue Squad	Emergency Services	Cove City	Craven
9	Number 9 Township Volunteer Fire Department	Emergency Services	Cove City	Craven
10	Dover Volunteer Fire Department	Emergency Services	Dover	Craven
11	Fort Barnwell Volunteer Fire Department	Emergency Services	Dover	Craven
12	Fort Barnwell Rescue Squad	Emergency Services	Dover	Craven
13	Fort Barnwell Volunteer Fire Department	Emergency Services	Dover	Craven
14	Little Swift Creek Volunteer Fire Department - Main Station	Emergency Services	Ernul	Craven
15	Little Swift Creek Volunteer Fire Department	Emergency Services	Ernul	Craven
16	Harlowe Volunteer Fire Department	Emergency Services	Havelock	Craven
17	City of Havelock Police Department	Emergency Services	Havelock	Craven
18	Havelock Fire and Rescue	Emergency Services	Havelock	Craven
19	Township 6 Fire Department	Emergency Services	New Bern	Craven
20	Harlow Volunteer Fire Department	Emergency Services	New Bern	Craven
21	Harlow Volunteer Fire Department	Emergency Services	New Bern	Craven
22	Township 6 Fire Department	Emergency Services	New Bern	Craven
23	United States Forest Service - Croatan National Forest Croatan Ranger District	Emergency Services	New Bern	Craven
24	Number 7 Township Volunteer Fire Department	Emergency Services	New Bern	Craven
25	New Bern Fire Rescue Department Station 2	Emergency Services	New Bern	Craven
26	Number 7 Township Volunteer Fire Department	Emergency Services	New Bern	Craven
27	Rhems Volunteer Fire Department	Emergency Services	New Bern	Craven
28	Town of River Bend Police Department	Emergency Services	New Bern	Craven
29	Number 7 Township Rescue Squad, Inc.	Emergency Services	New Bern	Craven
30	Number 7 Township Volunteer Fire Department	Emergency Services	New Bern	Craven
31	Rhems Volunteer Fire Department	Emergency Services	New Bern	Craven
32	Tri-Community Volunteer Fire District	Emergency Services	New Bern	Craven
33	West of New Bern Volunteer Fire Department	Emergency Services	New Bern	Craven
34	New Bern Fire Rescue Department Station 1	Emergency Services	New Bern	Craven

**PAMLICO SOUND REGIONAL HAZARD MITIGATION PLAN****SECTION 5. VULNERABILITY ASSESSMENT**

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Map ID	Facility	Type	Location	County
35	Craven County Sheriff's Department/Craven County Jail	Emergency Services	New Bern	Craven
36	United States Marshals Service - New Bern	Emergency Services	New Bern	Craven
37	City of New Bern Police Department	Emergency Services	New Bern	Craven
38	Craven Regional Medical Center	Emergency Services	New Bern	Craven
39	North Carolina State Highway Patrol Troop A District VI	Emergency Services	New Bern	Craven
40	Craven Regional Emergency Medical Services	Emergency Services	New Bern	Craven
41	New Bern Fire Rescue Department Station 4	Emergency Services	New Bern	Craven
42	Alcohol Law Enforcement District II - New Bern	Emergency Services	New Bern	Craven
43	West of New Bern Volunteer Fire Department	Emergency Services	New Bern	Craven
44	West of New Bern Volunteer Fire Department	Emergency Services	New Bern	Craven
45	Tri-Community Volunteer Fire District - Main Station	Emergency Services	New Bern	Craven
46	Little Swift Creek Volunteer Fire Department	Emergency Services	New Bern	Craven
47	Tri-Community Volunteer Fire District	Emergency Services	New Bern	Craven
48	Number 9 Township Volunteer Fire Department	Emergency Services	New Bern	Craven
49	New Bern Craven County Rescue Squad	Emergency Services	New Bern	Craven
50	City of Trent Woods Police Department	Emergency Services	Trent Woods	Craven
51	Vanceboro Rural Volunteer Fire Department	Emergency Services	Vanceboro	Craven
52	North Carolina Division of Forest Resources District 4 - Craven County	Emergency Services	Vanceboro	Craven
53	Little Swift Creek Volunteer Fire Department	Emergency Services	Vanceboro	Craven
54	Vanceboro Rescue Squad	Emergency Services	Vanceboro	Craven
55	Vanceboro Rural Volunteer Fire Department	Emergency Services	Vanceboro	Craven
56	Craven County Detention Center Work Release	Emergency Services	Vanceboro	Craven
57	Vanceboro Rural Volunteer Fire Department	Emergency Services	Vanceboro	Craven
58	Vanceboro Rural Volunteer Fire Department	Emergency Services	Vanceboro	Craven
59	James W Smith Elementary	Schools	Cove City	Craven
60	Havelock Elementary	Schools	Havelock	Craven
61	Havelock Middle	Schools	Havelock	Craven
62	Early College EAST High	Schools	Havelock	Craven
63	Havelock High	Schools	Havelock	Craven
64	Roger R Bell Elementary	Schools	Havelock	Craven
65	Graham A Barden Elementary	Schools	Havelock	Craven
66	Arthur W Edwards Elementary	Schools	Havelock	Craven
67	W Jesse Gurganus Elementary	Schools	Havelock	Craven
68	Tucker Creek Middle	Schools	Havelock	Craven
69	Creekside Elementary	Schools	New Bern	Craven
70	Brinson Memorial Elementary	Schools	New Bern	Craven
71	Albert H Bangert Elementary	Schools	New Bern	Craven

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Map ID	Facility	Type	Location	County
72	Ben D Quinn Elementary	Schools	New Bern	Craven
73	New Bern High	Schools	New Bern	Craven
74	Trent Park Elementary	Schools	New Bern	Craven
75	Craven Early College High	Schools	New Bern	Craven
76	Grover C Fields Middle	Schools	New Bern	Craven
77	H J MacDonald Middle	Schools	New Bern	Craven
78	J T Barber Elementary	Schools	New Bern	Craven
79	Bridgeton Elementary	Schools	New Bern	Craven
80	Oaks Road Elementary	Schools	New Bern	Craven
81	West Craven Middle	Schools	New Bern	Craven
82	West Craven High	Schools	Vanceboro	Craven
83	Vanceboro FarmLife Elementary	Schools	Vanceboro	Craven
84	Craven County Emergency Management	Government	New Bern	Craven
85	Bridgeton Town Hall	Government	Bridgeton	Craven
86	Cove City Town Hall	Government	Cove City	Craven
87	Dover Town Hall	Government	Dover	Craven
88	Havelock Town Hall	Government	Havelock	Craven
89	New Bern City Hall	Government	New Bern	Craven
90	River Bend Town Hall	Government	River Bend	Craven
91	Trent Woods Town Hall	Government	Trent Woods	Craven
92	Vanceboro Town Hall	Government	Vanceboro	Craven

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**SECTION 5. VULNERABILITY ASSESSMENT**

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Map ID	Facility	Type	Location	County
<b>HYDE COUNTY (SEE MAP 25)</b>				
1	Engelhard Volunteer Fire Department Incorporated	Emergency Services	Engelhard	Hyde
2	Fairfield Volunteer Fire Department	Emergency Services	Fairfield	Hyde
3	Hyde County Emergency Medical Services	Emergency Services	Swan Quarter	Hyde
4	Hyde County Sheriff's Office – Ocracoke Island Station	Emergency Services	Ocracoke	Hyde
5	Hyde County Sheriff's Office – Hyde County Jail	Emergency Services	Swan Quarter	Hyde
6	National Park Service – Cape Hatteras National Seashore – Ocracoke Island Ranger Station	Emergency Services	Ocracoke	Hyde
7	North Carolina Division of Forest Resources District 13 - Hyde County	Emergency Services	Scranton	Hyde
8	Ocracoke Island Emergency Medical Services District 2	Emergency Services	Ocracoke	Hyde
9	Ocracoke Volunteer Fire Department	Emergency Services	Ocracoke	Hyde
10	Scranton Volunteer Fire Department	Emergency Services	Scranton	Hyde
11	Swan Quarter Volunteer Fire Department Incorporated	Emergency Services	Swan Quarter	Hyde
12	Ocracoke School	Schools	Ocracoke	Hyde
13	Mattamuskeet Elementary	Schools	Swan Quarter	Hyde
14	Mattamuskeet Early College High	Schools	Swan Quarter	Hyde
15	Hyde County Emergency Operations Center	Government	Swan Quarter	Hyde
16	Hyde County Emergency Operations Center-Alternate	Government	Swan Quarter	Hyde

# PAMLICO SOUND REGIONAL HAZARD MITIGATION PLAN

## SECTION 5. VULNERABILITY ASSESSMENT

Map ID	Facility	Type	Location	County
<b>PAMLICO COUNTY (SEE MAPS 27-31)</b>				
1	Arapahoe Volunteer Fire Department Incorporated	Emergency Services	Arapahoe	Pamlico
2	Pamlico County Sheriff's Department	Emergency Services	Bayboro	Pamlico
3	Pamlico Rescue Squad	Emergency Services	Bayboro	Pamlico
4	Triangle Volunteer Fire Department Incorporated	Emergency Services	Bayboro	Pamlico
5	Grantsboro-Silverhill Volunteer Fire Department and Emergency Services Incorporated	Emergency Services	Grantsboro	Pamlico
6	Goose Creek Island Volunteer Fire Department	Emergency Services	Lowland	Pamlico
7	Florence-Whortonsville Volunteer Fire Department Incorporated	Emergency Services	Merritt	Pamlico
8	Reelsboro Fire Department Incorporated	Emergency Services	New Bern	Pamlico
9	Olympia Volunteer Fire Department	Emergency Services	New Bern	Pamlico
10	Oriental Police Department	Emergency Services	Oriental	Pamlico
11	Southeast Pamlico Volunteer Fire Department Incorporated	Emergency Services	Oriental	Pamlico
12	Vandemere Fire Department Incorporated	Emergency Services	Vandemere	Pamlico
13	Arapahoe Charter School	Schools	Arapahoe	Pamlico
14	Pamlico County Middle	Schools	Bayboro	Pamlico
15	Fred A. Anderson Elementary	Schools	Bayboro	Pamlico
16	Pamlico County Primary	Schools	Bayboro	Pamlico
17	Pamlico County High	Schools	Bayboro	Pamlico
18	Pamlico County Emergency Management Agency	Government	Bayboro	Pamlico
19	Pamlico County Emergency Operations Center – Alternate	Government	Bayboro	Pamlico
20	Alliance Town Hall	Government	Alliance	Pamlico
21	Arapahoe Town Hall	Government	Arapahoe	Pamlico
22	Bayboro Town Hall	Government	Bayboro	Pamlico
23	Grantsboro Town Hall	Government	Grantsboro	Pamlico
24	Minnesott Beach Town Hall	Government	Minnesott Beach	Pamlico
25	Mesic Town Hall	Government	Mesic	Pamlico
26	Oriental Town Hall	Government	Oriental	Pamlico
27	Stonewall Town Hall	Government	Stonewall	Pamlico
28	Vandemere Town Hall	Government	Vandemere	Pamlico

Source: Beaufort, Carteret, Craven, Hyde, and Pamlico Counties including all participating municipalities.

It should be noted that infrastructure components have not been included within this listing. All infrastructure components associated with the provision of water service and wastewater treatment are considered critical facilities. This information has been withheld from this document due to public safety and security concerns.

## PAMLICO SOUND REGIONAL HAZARD MITIGATION PLAN

### SECTION 5. VULNERABILITY ASSESSMENT

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#### V. REPETITIVE LOSS STRUCTURES

Repetitive loss structures are those that have suffered damage from repeated hazard events. A Repetitive Loss (RL) property is technically defined as any insurable building for which two or more claims of more than \$1,000 were paid by the National Flood Insurance Program (NFIP) within any rolling ten-year period, since 1978. A RL property may or may not be currently insured by the NFIP. The only reliable source of information on repetitive loss structures is flood insurance claims data available through the National Flood Insurance Program (NFIP). Table 63 provides the RL properties located within Beaufort, Carteret, Craven, Hyde, and Pamlico Counties.

**Table 63. Pamlico Sound Region Repetitive Loss Properties**

County	Non-Residential	Residential	Total
Unincorporated Beaufort County	15	688	703
Aurora	0	1	1
Bath	1	1	2
Belhaven	45	258	303
Chocowinity	0	0	0
Pantego	0	0	0
Washington	26	128	154
Washington Park	0	65	65
Unincorporated Carteret County			
Atlantic Beach			
Beaufort			
Bogue			
Cape Carteret			
Cedar Point			
Emerald Isle			
Indian Beach			
Morehead City			
Newport			
Peletier			
Pine Knoll Shores			
Unincorporated Craven County	3	167	170
Bridgeton	0	7	7
Cove City	0	0	0
Dover	0	1	1
Havelock	0	13	13
New Bern	3	140	143
River Bend	0	37	37
Trent Woods	0	9	9
Vanceboro	0	0	0
Hyde County	2	11	13

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**SECTION 5. VULNERABILITY ASSESSMENT**

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County	Non-Residential	Residential	Total
Unincorporated Pamlico County			
Alliance			
Arapahoe			
Bayboro			
Grantsboro			
Mesic			
Minnesott Beach			
Oriental			
Stonewall			
Vandemere			

*Source: NC Emergency Management.*

**VI. KEY ISSUES REGARDING HURRICANES/FLOODING**

This section is intended to address the key issues regarding each participating jurisdictions' most vulnerable structures and key infrastructure. These issues and, in turn, strategies (see Section 6) are intended to address the community's vulnerability to flooding associated with hurricanes and thunderstorms. These hazards have been identified as the region's most significant hazard as defined in Table 39, page 3-33.

*VII. CHANGE IN LAND USE FORM*

The economy throughout eastern North Carolina has been hit extremely hard by the recession that began in 2008. One sector of the economy that has been impacted most significantly was the construction and development industry. The recession left many communities with planned subdivisions and commercial ventures that never materialized. In the wake of this recession, limited construction and, in turn, building permits have been issued for development throughout the five-county region. In some limited instances, such as in coastal beach communities, modest development has occurred; however, this development has occurred within each city's urban center outside of portions of the city subject to periodic flooding.

Due to the limited and sporadic development activity that has occurred over the last five years throughout the Region, a summary of how land use characteristics have shifted is provided in the Table 64 below. The results and categories defined in the table are a combination of building permit activity by jurisdiction and discussions with each county Mitigation Advisory Committee. The limited development as outlined in Table 62 is also based on the results of the Development Vulnerability discussion presented on page 5-1. This information is presented for both the community at large, as well as portions of each jurisdiction located within the FEMA-defined Flood Hazard Areas. What limited development that has occurred in the floodplain has been subject to each jurisdiction's respective Flood Damage Prevention Ordinance. A summary of communities participating in the National Flood Insurance Program (NFIP), as well as communities maintaining current Flood Damage Prevention Ordinances, is provided in Section 4, Community Capability Assessment.

The following three categories of development activity provide an indicator of shifts in land use characteristics for each community participating in this plan:

- ▶ No/Low Growth: Average of less than 50 building permits annually
- ▶ Moderate Growth: Average of 51 to 150 building permits annually
- ▶ High Growth: Average of more than 150 building permits issued annually

**Table 64. Pamlico Sound Region Development Activity**

<b>Participating Jurisdiction</b>	<b>Non-Specific Hazard Area</b>	<b>Flood Hazard Area</b>
Beaufort County	No/Low	No/Low
Aurora	No/Low	No/Low
Bath	No/Low	No/Low
Belhaven	No/Low	No/Low
Chocowinity	No/Low	No/Low
Pantego	No/Low	No/Low
Washington	No/Low	No/Low
Washington Park	No/Low	No/Low



**PAMLICO SOUND REGIONAL HAZARD MITIGATION PLAN**

**SECTION 5. VULNERABILITY ASSESSMENT**

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<b>Participating Jurisdiction</b>	<b>Non-Specific Hazard Area</b>	<b>Flood Hazard Area</b>
Carteret County	Moderate	No/Low
Atlantic Beach	No/Low	No/Low
Beaufort	No/Low	No/Low
Bogue	No/Low	No/Low
Cape Carteret	No/Low	No/Low
Cedar Point	No/Low	No/Low
Emerald Isle	No/Low	No/Low
Indian Beach	No/Low	No/Low
Morehead City	No/Low	No/Low
Newport	No/Low	No/Low
Peletier	No/Low	No/Low
Pine Knoll Shores	No/Low	No/Low
Craven County	Moderate	No/Low
Bridgeton	No/Low	No/Low
Cove City	No/Low	No/Low
Dover	No/Low	No/Low
Havelock	No/Low	No/Low
New Bern	Moderate	No/Low
River Bend	No/Low	No/Low
Trent Woods	No/Low	No/Low
Vanceboro	No/Low	No/Low
Hyde County	No/Low	No/Low
Pamlico County	No/Low	No/Low
Alliance	No/Low	No/Low
Arapahoe	No/Low	No/Low
Bayboro	No/Low	No/Low
Grantsboro	No/Low	No/Low
Mesic	No/Low	No/Low
Minnesott Beach	No/Low	No/Low
Oriental	No/Low	No/Low
Stonewall	No/Low	No/Low
Vandemere	No/Low	No/Low

*Source: Regional and County MACs.*