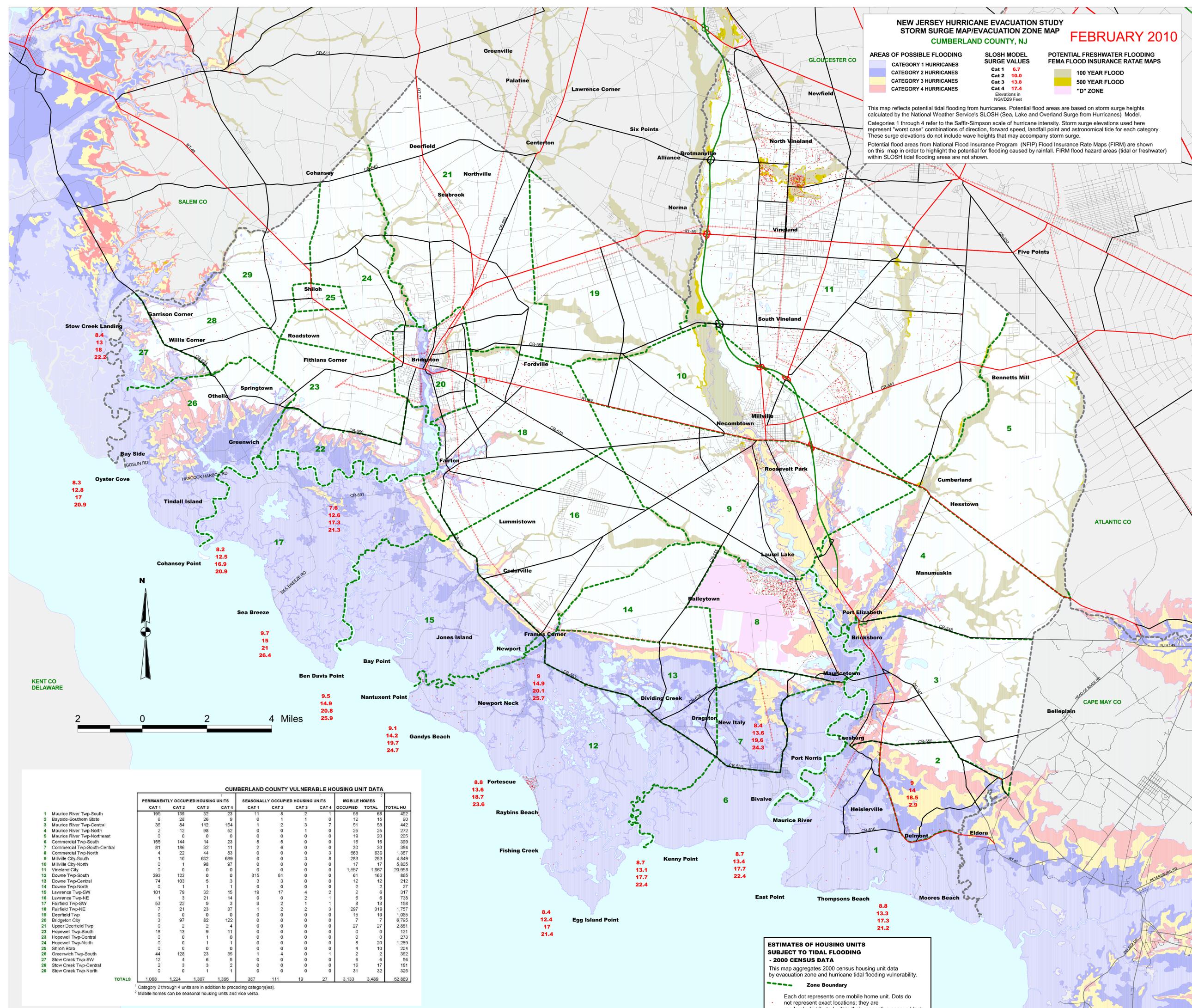


**NEW JERSEY HURRICANE EVACUATION STUDY  
STORM SURGE MAP/EVACUATION ZONE MAP  
CUMBERLAND COUNTY, NJ**

**FEBRUARY 2010**

- |  |   |  |
|--|---|--|
| <b>AREAS OF POSSIBLE FLOODING</b>  | <b>SLOSH MODEL SURGE VALUES</b>   | <b>POTENTIAL FRESHWATER FLOODING FEMA FLOOD INSURANCE RATE MAPS</b>  |
| <ul style="list-style-type: none"> <li>Category 1 HURRICANES</li> <li>Category 2 HURRICANES</li> <li>Category 3 HURRICANES</li> <li>Category 4 HURRICANES</li> </ul> | <ul style="list-style-type: none"> <li>Cat 1 6.7</li> <li>Cat 2 10.0</li> <li>Cat 3 13.8</li> <li>Cat 4 17.4</li> </ul> | <ul style="list-style-type: none"> <li>100 YEAR FLOOD</li> <li>500 YEAR FLOOD</li> <li>"D" ZONE</li> </ul> |

This map reflects potential tidal flooding from hurricanes. Potential flood areas are based on storm surge heights calculated by the National Weather Service's SLOSH (Sea, Lake and Overland Surge from Hurricanes) Model. Categories 1 through 4 refer to the Saffir-Simpson scale of hurricane intensity. Storm surge elevations used here represent "worst case" combinations of direction, forward speed, landfall point and astronomical tide for each category. These surge elevations do not include wave heights that may accompany storm surge. Potential flood areas from National Flood Insurance Program (NFIP) Flood Insurance Rate Maps (FIRM) are shown on this map in order to highlight the potential for flooding caused by rainfall. FIRM flood hazard areas (tidal or freshwater) within SLOSH tidal flooding areas are not shown.



**CUMBERLAND COUNTY VULNERABLE HOUSING UNIT DATA**

	PERMANENTLY OCCUPIED HOUSING UNITS				SEASONALLY OCCUPIED HOUSING UNITS				MOBILE HOMES		TOTAL HU
	CAT 1	CAT 2	CAT 3	CAT 4	CAT 1	CAT 2	CAT 3	CAT 4	OCCUPIED	TOTAL	
1 Maurice River Twp-South	195	138	32	23	11	8	2	1	58	68	452
2 Bayside Southern State	5	29	26	9	0	1	1	0	12	15	90
3 Maurice River Twp-Central	36	84	112	154	1	2	3	7	51	58	442
4 Maurice River Twp-North	2	12	98	52	0	0	1	0	25	25	272
5 Maurice River Twp-Northeast	0	0	0	0	0	0	0	0	19	20	205
6 Commercial Twp-South	165	144	14	23	5	5	0	0	16	16	399
7 Commercial Twp-South-Central	81	186	32	11	2	6	0	0	32	30	354
8 Commercial Twp-North	4	22	44	83	0	0	0	0	563	630	1,387
9 Millville City-South	1	10	632	689	0	0	3	8	283	293	4,849
10 Millville City-North	0	1	98	97	0	0	0	0	17	17	5,805
11 Vineland City	0	0	0	0	0	0	0	0	1,557	1,667	20,359
12 Downe Twp-South	293	122	0	0	315	81	0	0	61	162	865
13 Downe Twp-Central	74	103	5	3	12	3	0	0	12	12	212
14 Downe Twp-North	0	1	1	1	0	0	0	0	2	2	27
15 Lawrence Twp-SW	101	79	32	15	19	17	4	2	2	6	317
16 Lawrence Twp-NE	1	3	21	14	0	0	2	1	6	6	738
17 Fairfield Twp-SW	53	22	9	3	9	2	1	1	8	13	158
18 Fairfield Twp-NE	7	21	23	37	1	2	2	3	297	319	1,757
19 Deerfield Twp	0	0	0	0	0	0	0	0	15	19	1,065
20 Bridgeton City	3	97	82	122	0	0	0	0	7	7	6,755
21 Upper Deerfield Twp	0	2	2	4	0	0	0	0	27	27	2,881
22 Hopewell Twp-South	18	13	9	11	0	0	0	0	0	0	121
23 Hopewell Twp-Central	0	0	1	0	0	0	0	0	0	0	273
24 Hopewell Twp-North	0	0	1	1	0	0	0	0	8	20	1,259
25 Shiloh Boro	0	0	0	0	0	0	0	0	4	10	204
26 Greenwich Twp-South	44	128	23	35	1	4	0	1	2	2	362
27 Stow Creek Twp-SW	12	4	6	5	0	0	0	0	6	6	56
28 Stow Creek Twp-Central	2	0	2	2	0	0	0	0	2	15	151
29 Stow Creek Twp-North	0	0	1	1	0	0	0	0	31	32	325
<b>TOTALS</b>	<b>1,088</b>	<b>1,224</b>	<b>1,307</b>	<b>1,395</b>	<b>367</b>	<b>111</b>	<b>19</b>	<b>27</b>	<b>3,133</b>	<b>3,489</b>	<b>62,869</b>

1 Category 2 through 4 units are in addition to preceding category(ies).  
2 Mobile homes can be seasonal housing units and vice versa.

**ESTIMATES OF HOUSING UNITS SUBJECT TO TIDAL FLOODING - 2000 CENSUS DATA**  
This map aggregates 2000 census housing unit data by evacuation zone and hurricane tidal flooding vulnerability.  
- - - Zone Boundary  
Each dot represents one mobile home unit. Dots do not represent exact locations; they are randomly distributed within their respective census block.