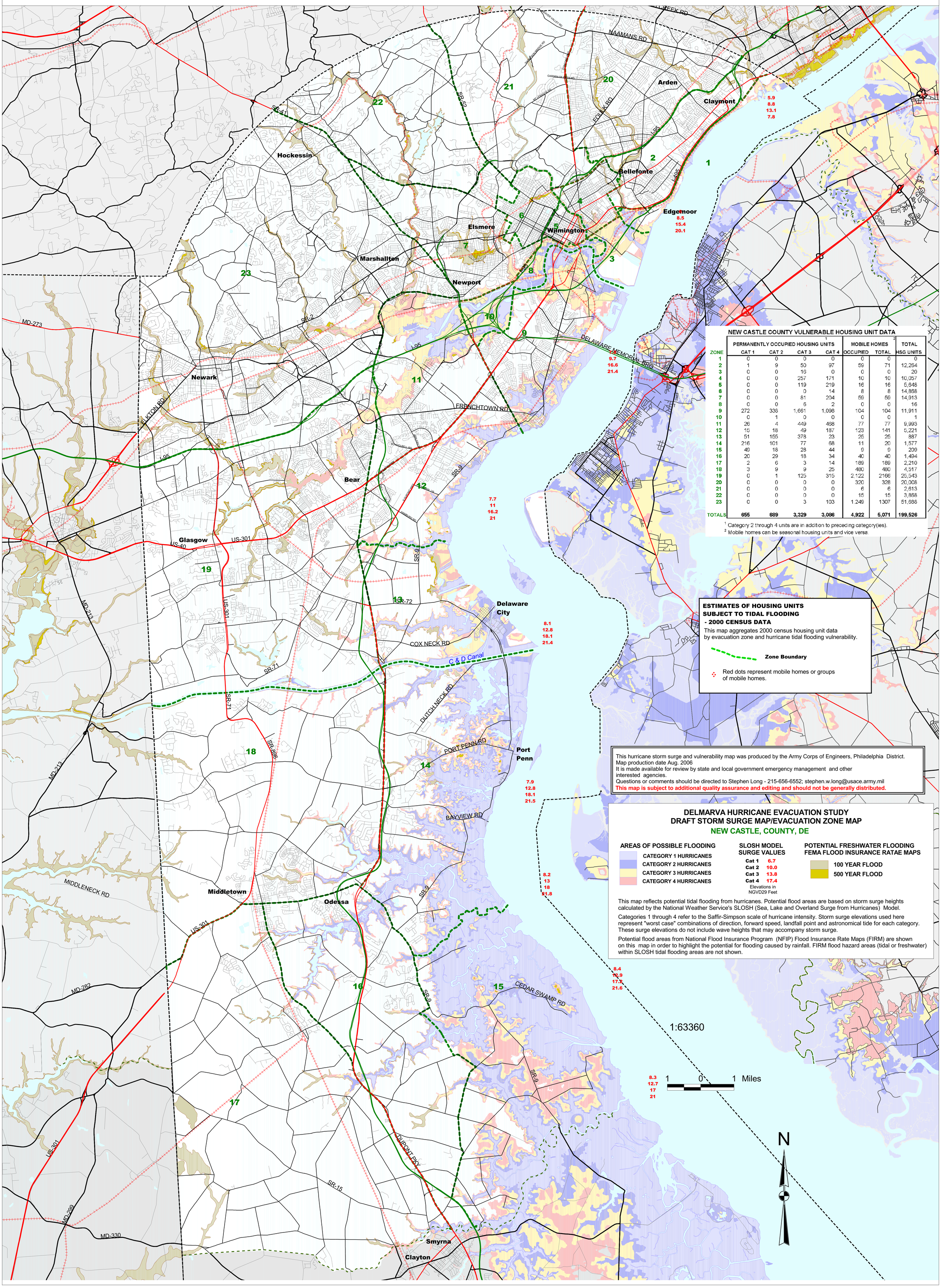
DELMARVA HURRICANE EVACUATION STUDY - NEW CASTLE COUNTY, DELAWARE
STORM SURGE MAP / EVACUATION ZONE MAP



NEW CASTLE COUNTY VULNERABLE HOUSING UNIT DATA

ZONE	PERMANENTLY OCCUPIED HOUSING UNITS[1] CAT 1	CAT 2	CAT 3	CAT 4	MOBILE HOMES[2] OCCUPIED	TOTAL	TOTAL HSG UNITS
1	0	0	0	0	0	0	0
2	1	9	50	97	59	71	12,264
3	0	0	16	0	0	0	20
4	0	0	257	171	10	10	10,057
5	0	0	119	219	16	16	5,648
6	0	0	0	14	8	8	14,868
7	0	0	81	204	59	59	14,913
8	0	0	6	2	0	0	16
9	272	338	1,661	1,098	104	104	11,911
10	0	1	0	0	0	0	1
11	26	4	449	468	77	77	9,993
12	15	18	49	187	123	141	5,221
13	51	155	378	23	25	25	887
14	216	101	77	68	11	20	1,577
15	49	18	28	44	9	9	209
16	20	29	18	34	40	40	1,494
17	2	6	3	14	189	189	2,210
18	3	9	9	25	480	480	4,517
19	0	1	125	315	2,122	2166	25,543
20	0	0	0	0	320	328	20,008
21	0	0	0	0	6	6	2,613
22	0	0	0	0	15	15	3,868
23	0	0	3	103	1,249	1307	51,686
TOTALS	655	689	3,329	3,086	4,922	5,071	199,526

[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

Red dots represent mobile homes or groups of mobile homes.

This hurricane storm surge and vulnerability map was produced by the Army Corps of Engineers, Philadelphia District.
Map production date Aug. 2006
It is made available for review by state and local government emergency management and other interested agencies.
Questions or comments should be directed to Stephen Long - 215-656-6552; stephen.w.long@usace.army.mil
This map is subject to additional quality assurance and editing and should not be generally distributed.

DELMARVA HURRICANE EVACUATION STUDY
DRAFT STORM SURGE MAP/EVACUATION ZONE MAP
NEW CASTLE, COUNTY, DE

AREAS OF POSSIBLE FLOODING
- CATEGORY 1 HURRICANES
- CATEGORY 2 HURRICANES
- CATEGORY 3 HURRICANES
- CATEGORY 4 HURRICANES

SLOSH MODEL SURGE VALUES

Cat 1	6.7
Cat 2	10.0
Cat 3	13.8
Cat 4	17.4

Elevations in NGVD29 Feet

POTENTIAL FRESHWATER FLOODING FEMA FLOOD INSURANCE RATAE MAPS
- 100 YEAR FLOOD
- 500 YEAR FLOOD

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.