

**DELMARVA HURRICANE EVACUATION STUDY
DRAFT STORM SURGE MAP/EVACUATION ZONE MAP
TALBOT COUNTY, MD**

**DRAFT
DEC 05**

AREAS OF POSSIBLE FLOODING

- CATEGORY 1 HURRICANES
- CATEGORY 2 HURRICANES
- CATEGORY 3 HURRICANES
- CATEGORY 4 HURRICANES

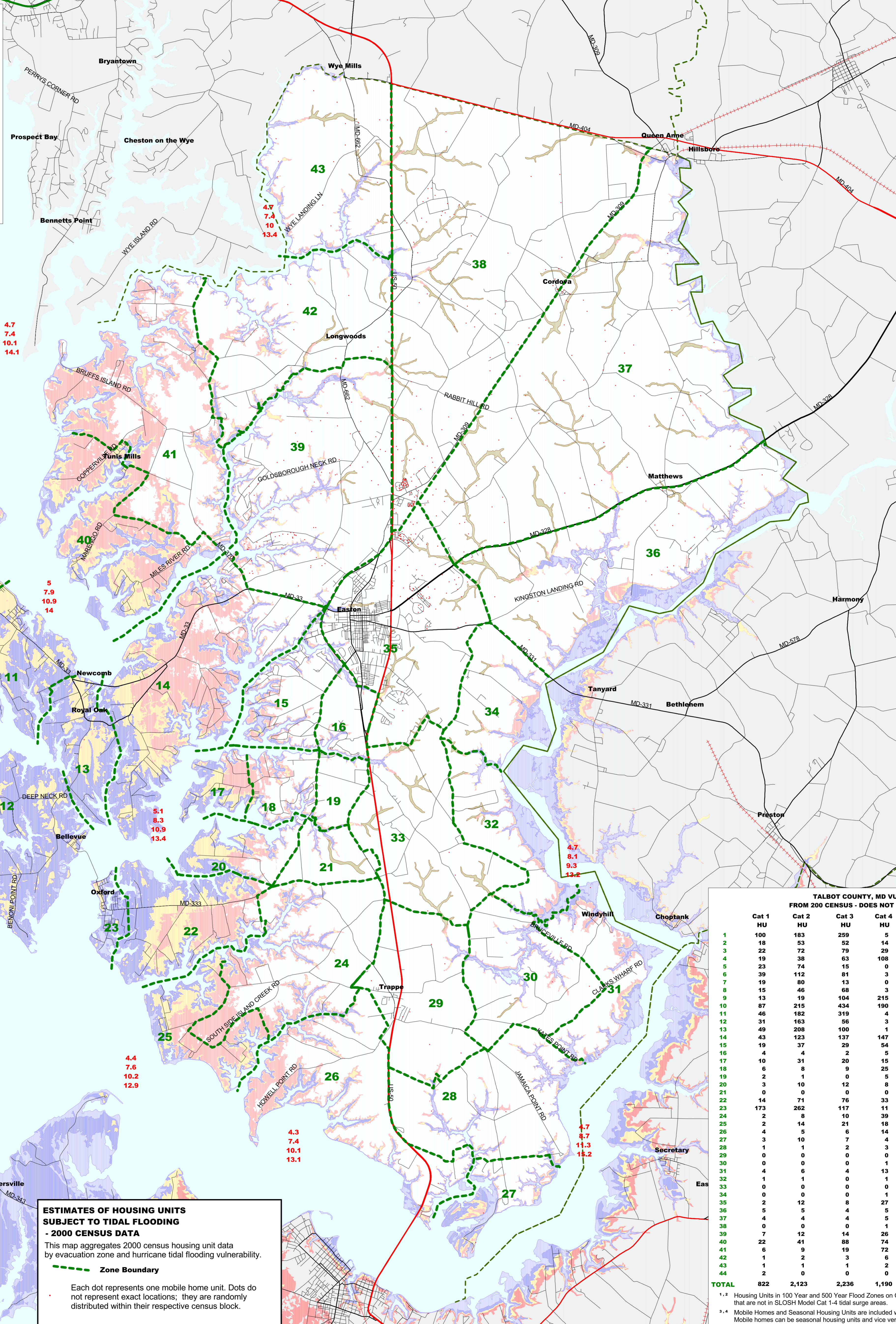
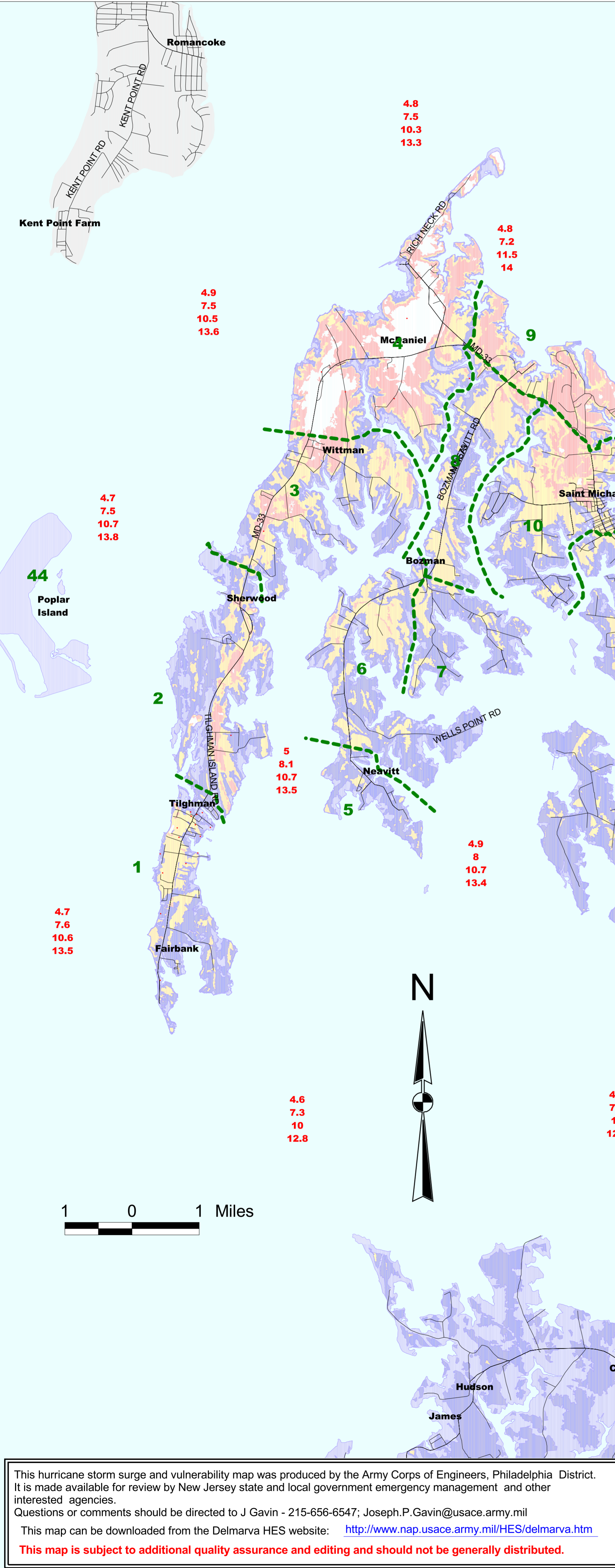
SLOSH MODEL SURGE VALUES

- 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 RATE MAPS

- 100 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.



TALBOT COUNTY, MD VULNERABLE HOUSING DATA FROM 2000 CENSUS - DOES NOT INCLUDE HOTEL OR MOTEL UNITS

	Cat 1 HU	Cat 2 HU	Cat 3 HU	Cat 4 HU	Mobile ² Homes	100 YR HU	500 YR HU	Seasonal ⁴ HU	Other ⁵ HU
1	100	183	255	5	19	0	0	131	0
2	18	53	52	14	2	0	0	26	1
3	22	72	79	29	2	0	0	38	13
4	19	38	63	108	4	0	0	54	78
5	23	74	15	0	1	0	0	26	0
6	39	112	81	3	0	0	0	55	0
7	19	80	13	0	0	0	0	26	0
8	15	46	68	3	0	0	0	32	0
9	13	19	104	215	0	0	0	82	1
10	87	215	434	190	0	0	0	93	1
11	46	182	319	4	2	0	0	83	0
12	31	163	56	3	1	0	0	55	0
13	49	208	100	1	3	0	0	76	0
14	43	123	137	147	2	0	0	85	76
15	19	37	29	54	0	0	0	19	387
16	4	4	2	5	0	0	0	8	325
17	10	31	20	15	0	0	0	3	5
18	6	8	9	25	0	0	0	5	94
19	2	1	0	5	0	0	0	2	51
20	3	10	12	8	0	0	0	5	20
21	0	0	0	0	0	1	0	5	42
22	14	71	76	33	0	0	0	24	16
23	173	262	117	11	0	0	0	107	0
24	2	8	10	39	0	0	0	19	118
25	2	14	21	16	0	0	0	6	70
26	4	5	6	14	0	0	0	8	67
27	3	10	7	4	1	0	0	4	24
28	1	1	2	3	1	0	0	5	77
29	0	0	0	0	3	0	0	14	585
30	0	0	0	1	9	0	0	5	69
31	4	4	4	13	4	0	0	6	70
32	1	1	0	1	3	0	0	1	25
33	0	0	0	0	0	5	0	11	278
34	0	0	0	1	4	0	0	0	17
35	2	12	8	27	2	32	0	74	5,180
36	5	5	4	5	104	0	0	0	224
37	4	4	4	4	29	27	0	2	629
38	0	0	0	1	77	15	0	27	913
39	7	12	14	26	174	1	0	23	331
40	22	41	88	74	82	0	0	38	5
41	6	9	19	72	0	0	0	33	90
42	1	2	3	6	0	1	0	6	100
43	1	1	1	2	9	1	0	1	134
44	2	0	0	0	15	0	0	0	0
TOTAL	822	2,123	2,236	1,190	553	61	0	1,283	10,046

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.

This hurricane storm surge and vulnerability map was produced by the Army Corps of Engineers, Philadelphia District. It is made available for review by New Jersey state and local government emergency management and other interested agencies. Questions or comments should be directed to J Gavin - 215-656-6547; Joseph.P.Gavin@usace.army.mil. This map can be downloaded from the Delmarva HES website: <http://www.nap.usace.army.mil/HES/delmarva.htm>. **This map is subject to additional quality assurance and editing and should not be generally distributed.**