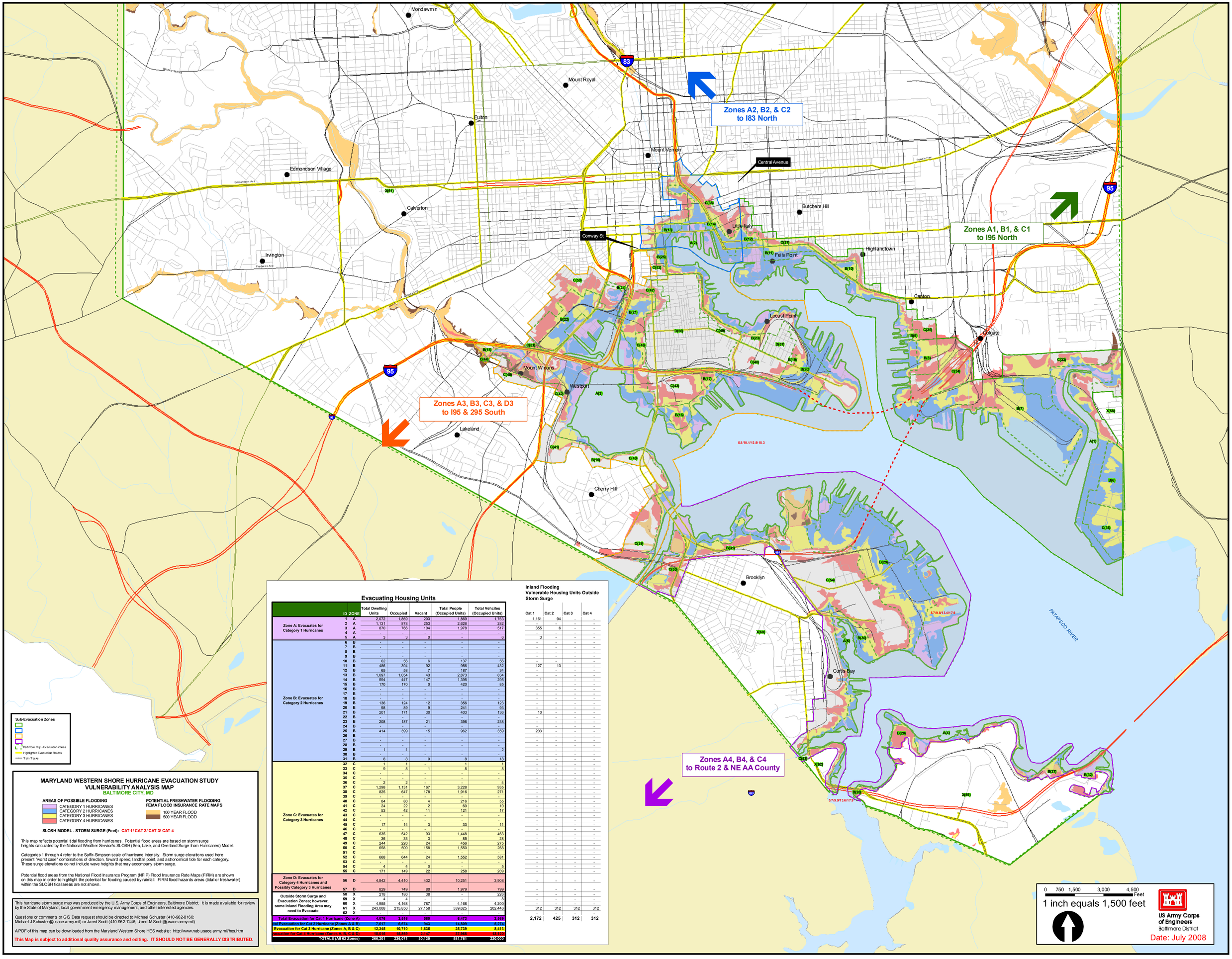

Evacuating Housing Units

	ID	ZONE	Total Dwelling Units	Occupied	Vacant	Total People (Occupied Units)	Total Vehciles (Occupied Units)	Inland Flooding Vulnerable Housing Units Outside Storm Surge: Cat 1	Cat 2	Cat 3	Cat 4
Zone A: Evacuates for Category 1 Hurricanes	1	A	2,072	1,869	203	1,869	1,763	1,161	94	-	-
	2	A	1,131	878	253	2,626	282	-	-	-	-
	3	A	870	766	104	1,978	517	355	6	-	-
	4	A	-	-	-	-	-	-	-	-	-
	5	A	3	3	0	-	6	3	-	-	-
Zone B: Evacuates for Category 2 Hurricanes	6	B	-	-	-	-	-	-	-	-	-
	7	B	-	-	-	-	-	-	-	-	-
	8	B	-	-	-	-	-	-	-	-	-
	9	B	-	-	-	-	-	-	-	-	-
	10	B	62	56	6	137	56	-	-	-	-
	11	B	486	394	92	956	432	127	13	-	-
	12	B	65	58	7	187	34	-	-	-	-
	13	B	1,097	1,054	43	2,873	834	-	-	-	-
	14	B	594	447	147	1,395	295	1	-	-	-
	15	B	170	170	0	420	85	-	-	-	-
	16	B	-	-	-	-	-	-	-	-	-
	17	B	-	-	-	-	-	-	-	-	-
	18	B	-	-	-	-	-	-	-	-	-
	19	B	136	124	12	356	123	-	-	-	-
	20	B	98	89	9	241	93	-	-	-	-
	21	B	201	171	30	403	136	10	-	-	-
	22	B	-	-	-	-	-	-	-	-	-
	23	B	208	187	21	398	238	-	-	-	-
	24	B	-	-	-	-	-	-	-	-	-
	25	B	414	399	15	962	359	203	-	-	-
	26	B	-	-	-	-	-	-	-	-	-
	27	B	-	-	-	-	-	-	-	-	-
	28	B	-	-	-	-	-	-	-	-	-
	29	B	1	1	-	-	2	-	-	-	-
	30	B	-	-	-	-	-	-	-	-	-
	31	B	8	8	0	8	18	-	-	-	-
Zone C: Evacuates for Category 3 Hurricanes	32	C	1	1	-	1	1	-	-	-	-
	33	C	9	8	1	8	8	-	-	-	-
	34	C	-	-	-	-	-	-	-	-	-
	35	C	-	-	-	-	-	-	-	-	-
	36	C	2	2	-	-	4	-	-	-	-
	37	C	1,298	1,131	167	3,228	935	-	-	-	-
	38	C	825	647	178	1,916	271	-	-	-	-
	39	C	-	-	-	-	-	-	-	-	-
	40	C	84	80	4	216	55	-	-	-	-
	41	C	24	22	2	60	10	-	-	-	-
	42	C	53	42	11	121	17	-	-	-	-
	43	C	-	-	-	-	-	-	-	-	-
	44	C	-	-	-	-	-	-	-	-	-
	45	C	17	14	3	33	11	-	-	-	-
	46	C	-	-	-	-	-	-	-	-	-
	47	C	635	542	93	1,448	463	-	-	-	-
	48	C	36	33	3	85	28	-	-	-	-
	49	C	244	220	24	456	275	-	-	-	-
	50	C	658	500	158	1,550	268	-	-	-	-
	51	C	-	-	-	-	-	-	-	-	-
	52	C	668	644	24	1,552	581	-	-	-	-
	53	C	-	-	-	-	-	-	-	-	-
	54	C	4	4	0	-	5	-	-	-	-
	55	C	171	149	22	258	209	-	-	-	-
Zone D: Evacuates for Category 4 Hurricanes and Possibly Category 3 Hurricanes	56	D	4,842	4,410	432	10,251	3,908	-	-	-	-
	57	D	829	749	80	1,979	799	-	-	-	-
Outside Storm Surge and Evacuation Zones; however, some Inland Flooding Area may need to Evacuate	58	X	218	180	38	-	226	-	-	-	-
	59	X	4	4	-	-	8	-	-	-	-
	60	X	4,955	4,168	787	4,168	4,200	-	-	-	-
	61	X	243,008	215,850	27,158	539,625	202,446	312	312	312	312
	62	X	-	-	-	-	-	-	-	-	-
Total Evacuation for Cat 1 Hurricane (Zone A)			4,076	3,516	560	6,473	2,569	2,172	425	312	312
Total Evacuation for Cat 2 Hurricane (Zones A & B)			7,617	6,674	943	14,809	5,274				
Evacuation for Cat 3 Hurricane (Zones A, B & C)			12,345	10,710	1,635	25,739	8,413				
Evacuation for Cat 4 Hurricane (Zones A, B, C & D)			17,871	15,624	2,247	37,739	12,320				
TOTALS (All 62 Zones)			266,201	236,071	30,130	581,761	220,000				

MARYLAND WESTERN SHORE HURRICANE EVACUATION STUDY
VULNERABILITY ANALYSIS MAP

BALTIMORE CITY, MD

AREAS OF POSSIBLE FLOODING

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

POTENTIAL FRESHWATER FLOODING FEMA FLOOD INSURANCE RATE MAPS

- 100 YEAR FLOOD
- 500 YEAR FLOOD

SLOSH MODEL - STORM SURGE (Feet): CAT 1/ CAT 2/ CAT 3/ CAT 4

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 present "worst case" combinations of direction, foward 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 the 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 hazards areas (tidal or freshwater) within the SLOSH tidal areas are not shown.

This hurricane storm surge map was produced by the U.S. Army Corps of Engineers, Baltimore District. It is made available for review by the State of Maryland, local government emergency management, and other interested agencies.

Questions or comments or GIS Data request should be directed to Michael Schuster (410-962-8160; Michael.J.Schuster@usace.army.mil) or Jared Scott (410-962-7445; Jared.M.Scott@usace.army.mil)

A PDF of this map can be downloaded from the Maryland Western Shore HES website: http://www.nab.usace.army.mil/hes.htm

This Map is subject to additional quality assurance and editing. IT SHOULD NOT BE GENERALLY DISTRIBUTED.