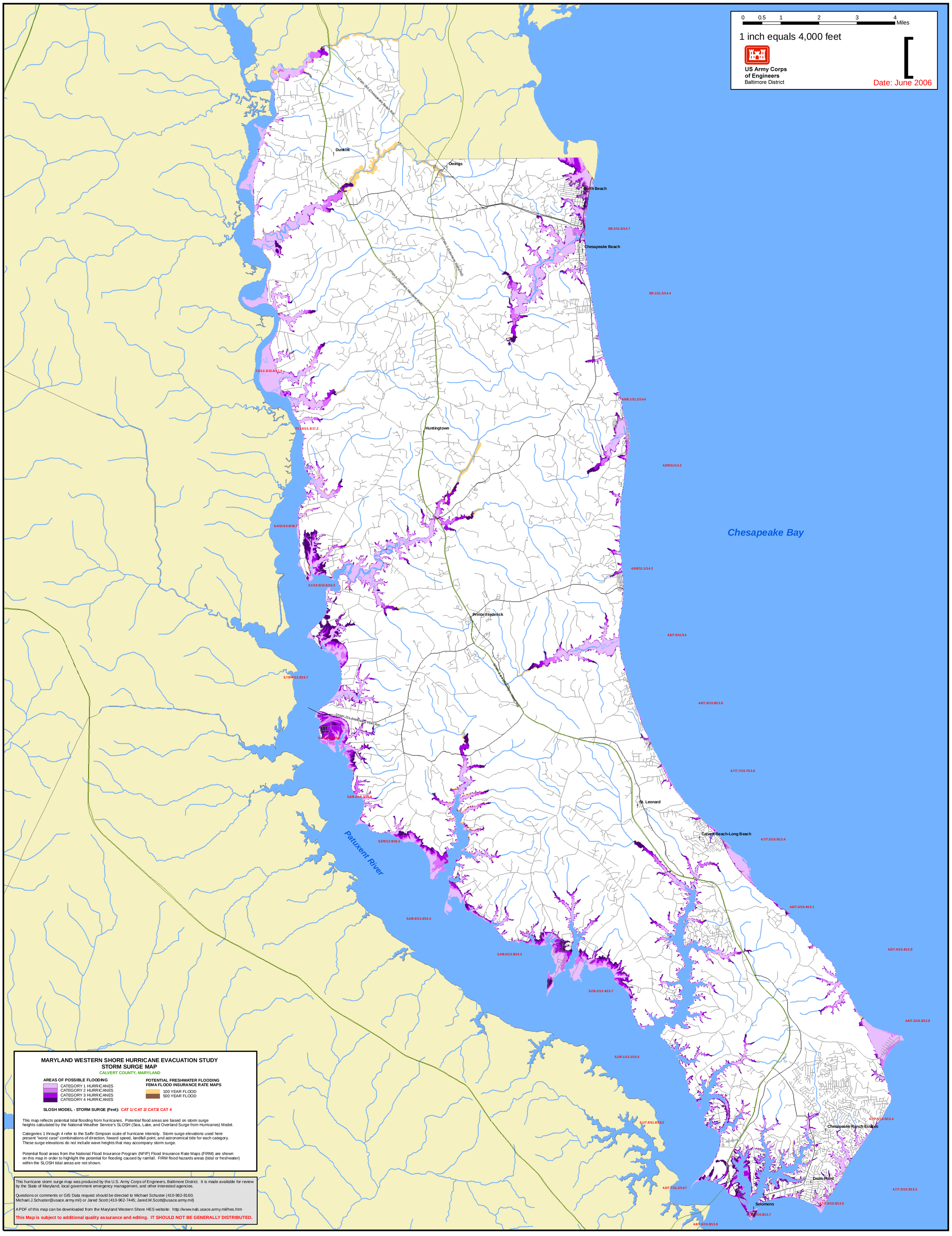
0 0.5 1 2 3 4 Miles
1 inch equals 4,000 feet
US Army Corps of Engineers
Baltimore District
Date: June 2006
Chesapeake Bay
Patuxent River
Dunkirk
Owings
North Beach
Chesapeake Beach
Huntingtown
Prince Frederick
St. Leonard
Calvert Beach-Long Beach
Chesapeake Ranch Estates
Drum Point
Solomons
STWY-260 (Chesapeake Beach Rd)
STWY-2 (Solomons Island Rd)
STWY-4 (Southern Maryland Blvd)
STWY-231 (Hallowing Point Rd)
MARYLAND WESTERN SHORE HURRICANE EVACUATION STUDY
STORM SURGE MAP
CALVERT COUNTY, MARYLAND
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/ CAT3/ 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.