



LEGEND

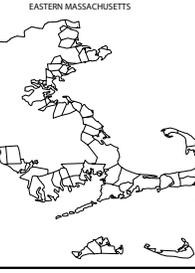
INUNDATION MATRIX

		HURRICANE FORWARD SPEED (MPH)		
		0-20	21-40	41+
HURRICANE CATEGORY	1&2			
	3			
	4			

HURRICANE INUNDATION AREAS	
	Inundation Area A
	Inundation Area B
	Inundation Area C

- NOTES:**
- Inundation areas were derived from the National Hurricane Center's application of the SLOSH (Sea, Lake and Overland Surges from Hurricanes) model. Inundation areas reflect "Worst Case" contributions of hurricane direction, forward speed, landfall point and high astronomical tide.
 - Hurricane categories 1 through 4 refer to the Saffir-Simpson scale of hurricane intensity.
 - Inundation areas represent areas with coastal flooding potential from hurricanes of the category and forward speed indicated by the inundation matrix shown above. Inundation areas that may only be subjected to freshwater flooding are not identified.
 - "WORST CASE" hurricane surge elevations determined for each inundation area are given in the surge tide profiles provided on Area A.
 - Nauset Beach, Shocore's Island, and Monomoy Island are not shown due to the continuous topographic changes caused by erosion and deposition of temporary sands. These locations are susceptible to complete inundation from all hurricanes considered depicted by the inundation matrix shown above.

LOCATION MAP



COMMONWEALTH OF MASSACHUSETTS
 HURRICANE EVACUATION STUDY
 INUNDATION MAP

TOWN OF **CHATHAM**
 COUNTY OF **BARNSTABLE**

Prepared by the U.S. Army Corps of Engineers, New England Division in cooperation with the Federal Emergency Management Agency (FEMA) for the Massachusetts Emergency Management Agency
 DECEMBER 1994