



## LEGEND

### INUNDATION MATRIX

#### HURRICANE FORWARD SPEED (MPH)

	0-20	21-40	41+
HURRICANE CATEGORY	182	182	414
3	182	182	414
4	182	182	414

#### 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" combination of hurricane direction, forward speed, landfall point, and top environmental tide.
- Hurricane categories 1 through 4 relate to the Saffir-Simpson scale of hurricane intensity.
- Shaded land areas represent areas with coastal flooding potential from hurricanes of the category and forward speeds referenced by the inundation matrix shown above. Inland areas that may only be subjected to freshwater flooding are not shaded.
- "WORST CASE" hurricane surge elevations determined for each inundation area are given in the surge tide profiles provided on this map.

COMMONWEALTH OF MASSACHUSETTS  
HURRICANE EVACUATION STUDY  
INUNDATION MAP

TOWNSHIP OF TISBURY  
COUNTY OF DUKES

Prepared by the U.S. Army Corps of Engineers,  
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