



# LEGEND

## INUNDATION MATRIX

HURRICANE FORWARD SPEED (MPH)			
0-20	21-40	41+	
182	[Dark Blue]	[Light Blue]	
<b>HURRICANE CATEGORY</b>	3	4	5
<b>HURRICANE INUNDATION AREAS</b>			
[Dark Blue]	Inundation Area A		
[Light Blue]	Inundation Area B		
[Cyan]	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 high astronomical tide.
- Hurricane categories 1 through 4 refer to the Saffir-Simpson scale of hurricane intensity.
- Shaded land areas represent areas with coastal flooding potential from hurricanes of the category and forward speed referenced by the inundation matrix shown above. Inland areas that may only be subjected to freshwater flooding are not identified.
- "WORST CASE" hurricane surge elevations identified for each inundation area are given in the surge tide profiles provided within it.

COMMONWEALTH OF MASSACHUSETTS  
 HURRICANE EVACUATION STUDY  
 INUNDATION MAP  
 WEST  
 TISBURY  
 TOWN OF  
 COUNTY OF  
 DUKES

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