

LEGEND

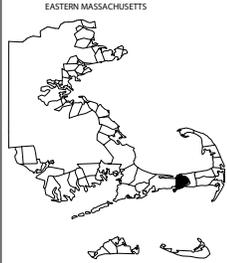
INUNDATION MATRIX

| HURRICANE CATEGORY | HURRICANE FORWARD SPEED (MPH) | | |
|--------------------|-------------------------------|-------------------|-----------------|
| | 0-20 | 21-40 | 41+ |
| 3 | [Light Blue Box] | [Medium Blue Box] | [Dark Blue Box] |
| 4 | [Light Blue Box] | [Cyan Box] | [Dark Cyan Box] |

| HURRICANE INUNDATION AREAS | |
|----------------------------|-------------------|
| [Dark Blue Box] | Inundation Area A |
| [Light Blue Box] | Inundation Area B |
| [Cyan Box] | 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 on page 11.

LOCATION MAP



COMMONWEALTH OF MASSACHUSETTS
HURRICANE EVACUATION STUDY
INUNDATION MAP

TOWN OF **YARMOUTH**
COUNTY OF **BARNSTABLE**

Prepared by the U.S. Army Corps of Engineers,
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for the Massachusetts Emergency Management Agency
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