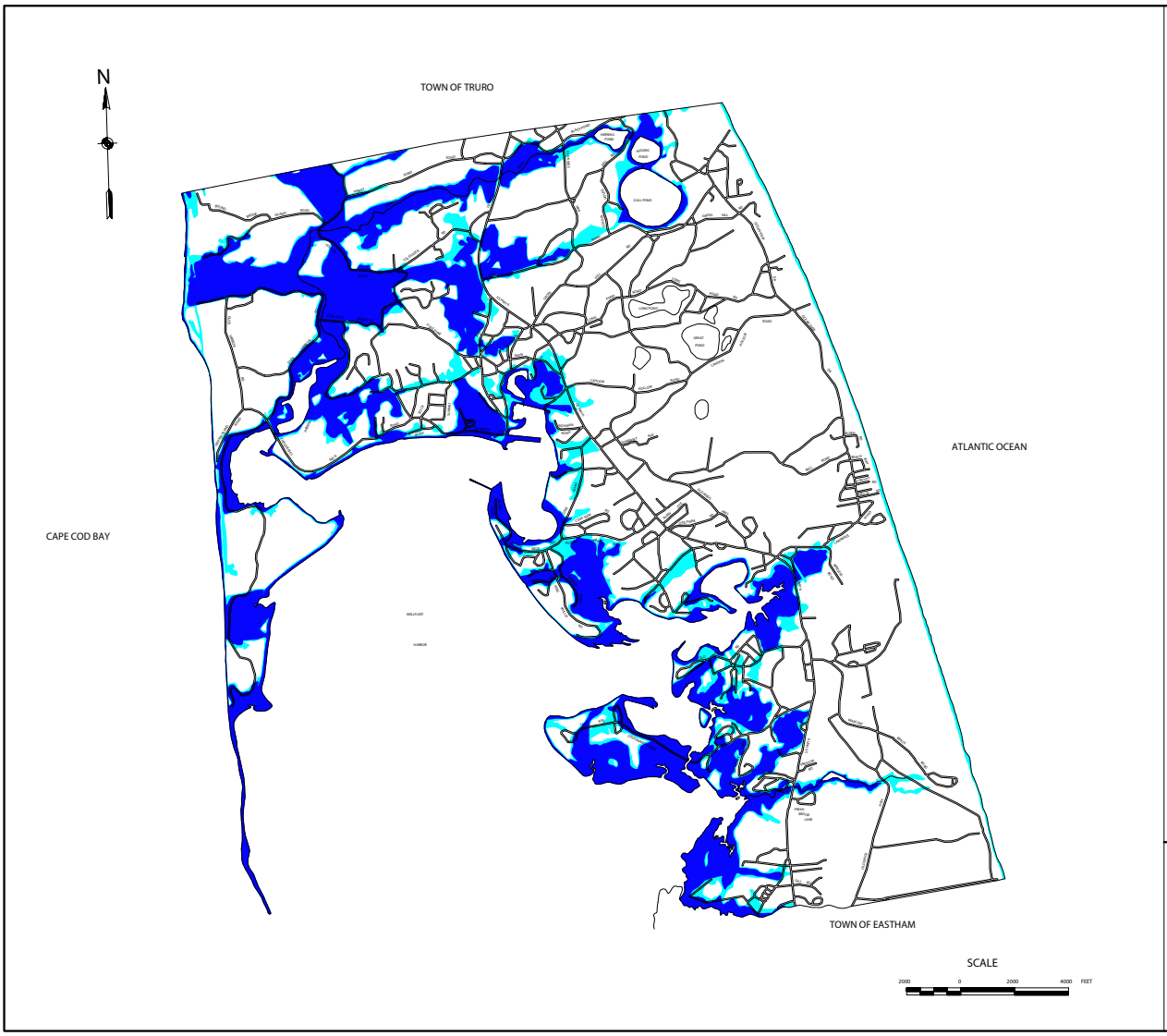



# LEGEND

## INUNDATION MATRIX

HURRICANE FORWARD SPEED (MPH)

| HURRICANE CATEGORY | 0-20 | 21-40 | 41+ |
|---|---|---|---|
| 1&2 | | | |
| 3 | | | |
| 4 | | | |

HURRICANE INUNDATION AREAS

- Inundation Area A
- N/A Inundation Area B
- Inundation Area C

NOTES:

1. 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 combinations of hurricane direction, forward speed, landfall point, and high astronomical tide.

2. Hurricane categories 1 through 4 refer to the Saffir-Simpson scale of hurricane intensity.

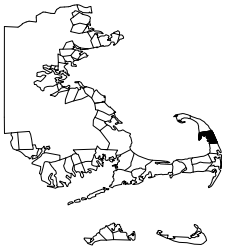
3. Shaded land areas represent areas with coastal flooding potential from hurricanes of the categories and forward speeds referenced by the inundation matrix shown above. Inland areas that may only be subjected to freshwater flooding are not identified.

4. The steep coastal terrain in the Town of Wellfleet allows for the mapping of only one inundation area along the Cape Cod National Seashore. Two inundation areas are identified in the remaining portions of the community.

5. "WORST CASE" hurricane surge elevations delineated for each inundation area are given in the surge tide profiles provided on Plate iii.

## LOCATION MAP

EASTERN MASSACHUSETTS



COMMONWEALTH OF MASSACHUSETTS
HURRICANE EVACUATION STUDY
INUNDATION MAP

TOWN OF WELLFLEET
COUNTY OF BARNSTABLE

Prepared by the U.S. Army Corps of Engineers, New England Division in cooperation with the Federal Emergency Management Agency, Region I for the Massachusetts Emergency Management Agency

DECEMBER 1994



WELLFLT