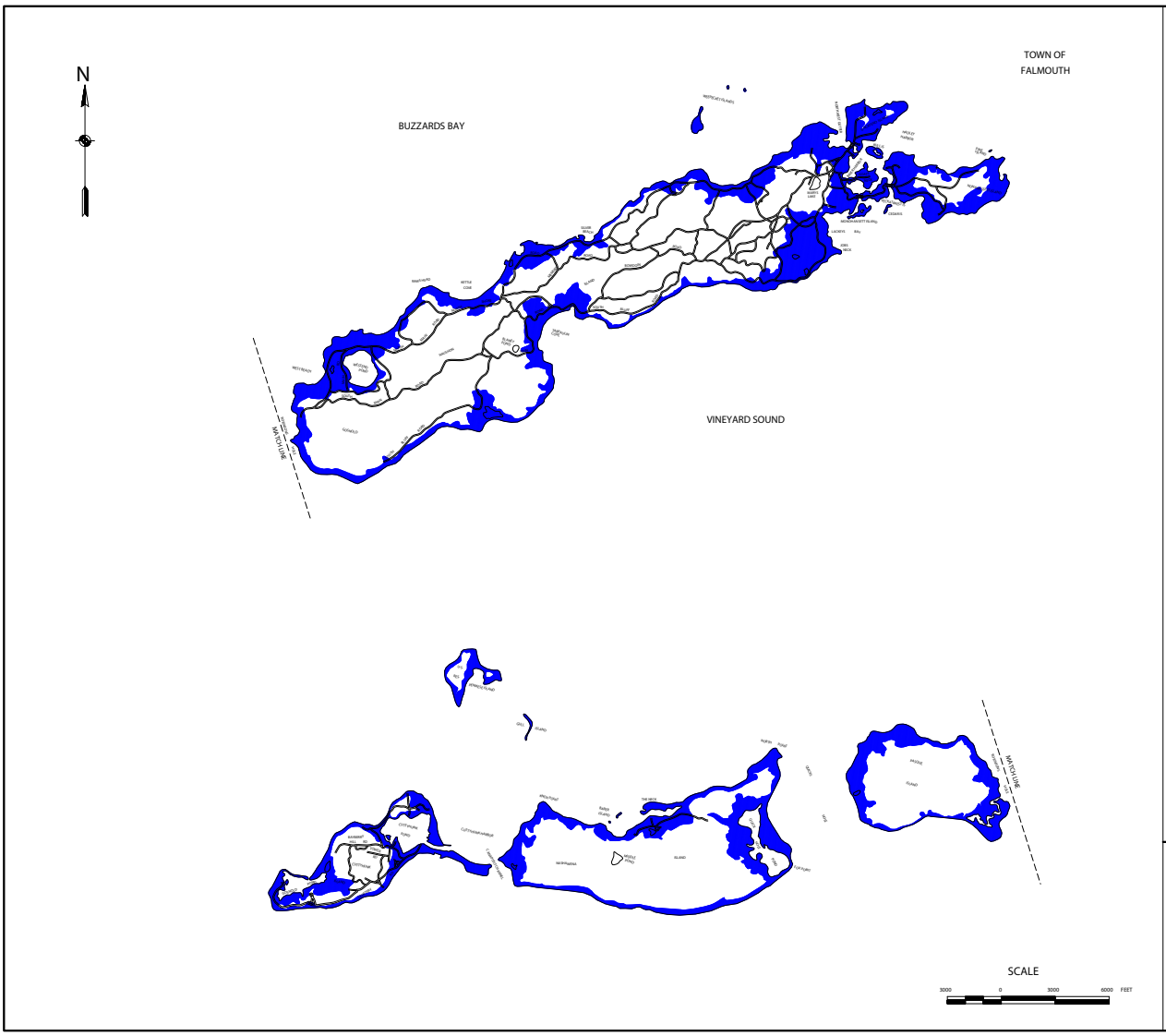


LEGEND

INUNDATION MATRIX

HURRICANE FORWARD SPEED (MPH)

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

HURRICANE INUNDATION AREAS

■ Inundation Area A

NOTES:

1. Inundation Area A is derived from the National Hurricane Center's application of the SLOSH (Sea, Lake and Overland Surges from Hurricanes) model. Inundation Area A reflects "WORST CASE" combinations of hurricane direction, forward speed, landfall point, and high astronomical tide.

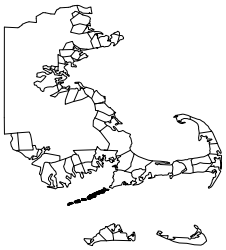
2. Hurricane categories 1 through 4 refer to the Saffir-Simpson scale of hurricane intensity.

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 Gosnold allows for the mapping of only one inundation area. The "WORST CASE" hurricane surge elevation delineated for Inundation Area A is 15.0 feet (NGVD).

LOCATION MAP

EASTERN MASSACHUSETTS



COMMONWEALTH OF MASSACHUSETTS
HURRICANE EVACUATION STUDY
INUNDATION MAP

TOWN OF GOSNOLD
COUNTY OF DUKES

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

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GOSNARLT