

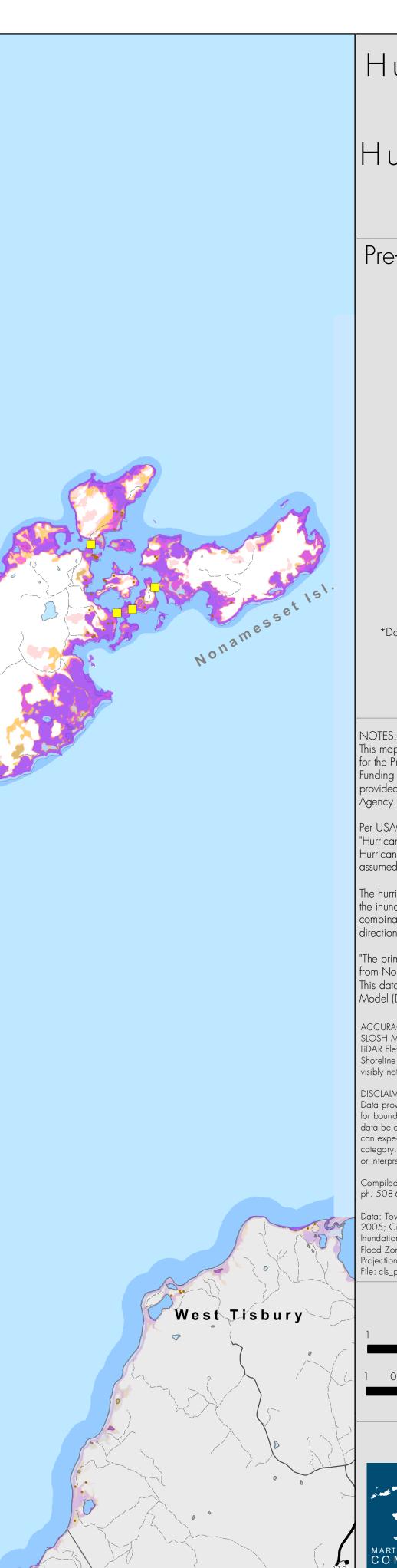


Vineyard Sound

### **Critical Facilities** None Within Hurricane Inundation Area

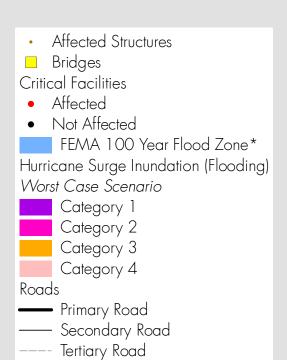
Pasque Isl.

MVC II	D Site Name	Site Category
31	Cuttyhunk Elementary	School
37	Penikese Island School	School
41	Gosnold Town Hall	Town Hall
41	Gosnold Town Hall	Primary Emergency Operations Center
41	Gosnold Town Hall	MassCare Center
42	Cuttyhunk Church	MassCare Center



# Hurricane Surge Inundation and Hurricane Tracks Gosnold, MA

## Pre-Disaster Mitigation Plan



\*Data provided by FEMA - Preliminary DFIRM June 2013

#### NOTES:

This map was produced by the Martha's Vineyard Commission for the Pre-Disaster Mitigation Project of 2013. Funding for the Pre-Disaster Mitigation Planning Grant was provided by the Massachusetts Emergency Management

#### Per USACE:

"Hurricane surge elevations were determined by the National Hurricane Center using the PV2 SLOSH model basin, and assumed peak hurrican surge arriving at mean high water.

The hurricane surge inundation areas shown on this map depict the inundation that can be expected to result from a worst case combination of hurricane landfall location, forward speed, and direction for each hurricane category."

"The primary elevation data source was LiDAR data collected from Nov 2009 to Feb 2010 by Camp Dresser and McKee. This data was supplimented with MassGIS Digital Terrain Model (DTM) files which were made available in April 2003."

ACCURACY: SLOSH Model Elevation Data: +/-20 percent LiDAR Elevation Data: +/- 0.5ft vertical; +/-1ft horizonatal Shoreline Data: Less accurate than LiDAR; Hence, discrepancies will be visibly noticable when displayed together.

#### DISCLAIMER:

Data provided are for planning purposes only. The data are not adequate for boundary determination or regulatory interpretation. Nor should these data be considered an absolute representation indicating which areas can expect to be flooded by hurricane storm surge for a particular category. The MVC cannot be responsible for how these data are used or interpreted by the end user.

Compiled By: Martha's Vineyard Commission, CL Seidel, 8/27/13, ph. 508-693-3453, www.mvcommission.org

Data: Town Boundary - MassGIS 2002; Roads - MHD/MassGIS 2005; Critical Facilities & Infrastructure - MEMA 2006 and MVC 2013; Inundation Areas - USACE 2013; Hurricane Track - NOAA; Flood Zone - FEMA Preliminary June 2013 Projection: Stateplane, MA Mainland, NAD83, Meters File: cls\_pdm; Gos\_HurrSLOSH\_2013\_v2.mxd - Original in color

