Hurricane Surge Inundation
Oak Bluffs, MA

Vineyard Sound
Oak Bluffs Harbor
Farm Pond
Lagoon Pond
Sengekontacket Pond
Beach Rd
New York Ave
Vineyard Ave
Dukes County Ave
Circuit Ave
Wing Rd
Sea View Ave
aka - Beach Rd
Spring St
Franklin St
Main St
State Rd
Staff Ave
Winyah Ln
Lagoon Ave
Oak Bluffs
Tisbury
Tisbury
West Tisbury
Barnes Rd
Edgartown-Vineyard Haven Rd
County Rd
Oak Bluffs
Edgartown

Hurricane Surge Inundation (Flooding)
Worst Case Scenario
- Category 1
- Category 2
- Category 3
- Category 4

FEMA 'Preliminary' Flood Zones
Become 'Effective' July 20, 2016
- 100 Year Flood Zone

0.2 0.1 0 0.2 0.4
Miles

N

MASS GIS — Massachusetts Geographic Information System — Massachusetts Executive Office of Environmental Affairs • 2004

MARTHA'S VINEYARD COMMISSION

Disclaimer: Data provided are for planning purposes only. These data should not 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, 1/21/16, ph. 508-693-3453, www.mvcommission.org
Data: Flood Boundaries - FEMA 2013; Roads - MassDOT/MassGIS 2014; Aerial Photo - MassGIS/USGS 2014; Inundation Areas - USACE 2013
Projection: Stateplane, MA Mainland, NAD83, m; File: cls_basics; oak_Hurr_Inundation.mxd; Original in color

<u>100 Year Flood Zone:</u>
The 100 year flood areas represent a subset of the data available on the paper Flood Insurance Rate Maps -FIRM as provided by the Fed. Emergency Management Agency (FEMA). These data do not replace the official paper FIRMs. The data should only be used to portray zones of uncertainty and possible risks associated with flooding not for engineering or site work.

<u>Per US Army Corps of Engineers:</u>
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 CampDresser and McKee. This data was supplimented with MassGIS Digital Terrain Model (DTM) files (of 2003)

<u>Elevation Accuracy:</u>
SLOSH Model Elevation Data: +/- 20 percent
LiDAR Elevation Data: +/- 0.5ft vertical; +/-1ft horiz.