Sea Level Rise Scenarios: 1.5ft and 5ft Mean High High Water Offset

West Tisbury, MA

Pre-Disaster Mitigation Plan

Funding for the Pre-Disaster Mitigation Project of June 2013 was provided by the Massachusetts Emergency Management Agency. The MVC cannot be responsible for how these data are used or adeqate for boundary determination or regulatory interpretation. The data are not DISCLAIMER:

The average offset between the MHHW tidal datum and the NAVD88 datum is 1.06ft greater than NAVD88. The data exceed the required 1.19ft accuracy for 2ft contour generation. The required 1.19ft accuracy was determined to be an additional 1 foot to the sea level rise scenarios.

A datum is a reference from which measurements are made. The datum indicates where zero is. For example, the top of a cliff may be 300ft high from the ground but that same treetop is only 10ft high from the top of the neighboring hillside.

The data is provided by the Massachusetts Emergency Management Agency for the Pre-Disaster Mitigation Project of June 2013. The data was processed by the Massachusetts Emergency Management Agency and the data was processed by the Massachusetts Emergency Management Agency and the data was processed by the Massachusetts Emergency Management Agency.

The data is 1.06ft greater than NAVD88. The data exceeds the required 1.19ft accuracy for 2ft contour generation. The data is for planning purposes only.
100 & 500 Year Flood Map
West Tisbury, 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 June 2013. The data were developed by FEMA to support floodplain management and planning activities but do not replace the official paper FIRMs. These data are not suitable for engineering applications or site work nor can the data be used to determine absolute delineations of flood boundaries.

The 100 year & 500 year flood areas represent a subset of the data available on the paper Flood Insurance Rate Maps (FIRM) as provided by the Federal Emergency Management Agency (FEMA). These data were developed by FEMA to support floodplain management and planning activities but do not replace the official paper FIRMs which remain the official documents. Instead the data should be used to portray zones of uncertainty used to determine absolute delineations of flood boundaries.

Funding for the Pre-Disaster Mitigation Planning Grant was for the Pre-Disaster Mitigation Project of June 2013.

NOTES:

- **Affected Structures**
  - Bridges
  - Transmission Lines
  - Critical Road Segments
  - Critical Facilities
  - Affected
  - Not Affected
  - Flood Zones: 100 Year (VE Zone), 100 Year (AE Zone), 500 Year Zone
  - Roads: Primary Road, Secondary Road, Tertiary Road, Fire Lane
  - Town Boundary

- **Critical Facilities**
  - None within 100 & 500 Year Flood Zones

- **Map Data Sources:**
  - Roads, Town Boundary, Critical Facilities & Infrastructure: MEMA 2006 & MVC 2014
  - Existing Structures: MassGIS 2002
  - Flood Data: Preliminary dFIRM FEMA June 2013
  - Fire Lane: MVC 2005
  - Critical Facilities: MEMA 2006 & MVC 2014
  - Data provided are for planning purposes only. The data are not adequate for boundary determination or regulatory interpretation.

- **Disclaimer:**
  - The MVC cannot be responsible for how these data are used or the impact on third party decisions.

- **Map Information:**
  - File: cls_pdm; Wti_dFIRM_prelim_2013.mxd - Original in color
  - Projection: Stateplane, MA Mainland, NAD83, Meters
  - Compiled By: Martha’s Vineyard Commission, CL Seidel, 3/4/14

- **Contact Information:**
  - Martha’s Vineyard Commission, Edgartown, MA 02539, 508-627-4800, info@mvcommission.org

- **Units:**
  - 100 Year Zone: +0.5'
  - 500 Year Zone: +250'
  - 1000 Year Zone: +500'

- **Legend:**
  - Affected Structures
  - Bridges
  - Transmission Lines
  - Critical Road Segments
  - Critical Facilities
  - Affected
  - Not Affected
  - Flood Zones: 100 Year (VE Zone), 100 Year (AE Zone), 500 Year Zone
  - Roads: Primary Road, Secondary Road, Tertiary Road, Fire Lane
  - Town Boundary

- **Scale:**
  - 1:12,000

- **Map Accuracy:**
  - The map is not intended for legal use.

- **Map Copyright:**
  - Copyright © 2013 Martha’s Vineyard Commission

- **No warranty:**
  - The data is not warranted to be complete, accurate, or current.

- **Disclaimer:**
  - The data is not warranted to be complete, accurate, or current.

- **Contact Information:**
  - Martha’s Vineyard Commission, 107 Main St, Oak Bluffs, MA 02557
  - Edgartown Post Office, Box 2000, Edgartown, MA 02539
  - Martha’s Vineyard Commission, 107 Main St, Oak Bluffs, MA 02557
  - Martha’s Vineyard Commission, 107 Main St, Oak Bluffs, MA 02557
  - Martha’s Vineyard Commission, 107 Main St, Oak Bluffs, MA 02557
  - Martha’s Vineyard Commission, 107 Main St, Oak Bluffs, MA 02557

The primary elevation data source was LiDAR data collected direction for each hurricane category. The MVC cannot be responsible for how these data are used or interpreted by the end user. 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. Data provided are for planning purposes only. The data are not adequate for boundary determination or regulatory interpretation.  

DISCLAIMER:
- Shoreline Data: Less accurate than LiDAR; Hence, discrepancies will be visibly noticeable when displayed together.
- SLOSH Model Elevation Data: +/-20 percent

This map was produced by the Martha’s Vineyard Commission for the Pre-Disaster Mitigation Project of 2013.

NOTES:
- Data provided by FEMA - Preliminary DFIRM June 2013
- Data: Town Boundary - MassGIS 2002; Roads - MHD/MassGIS; Flood Zone - FEMA Preliminary June 2013; Critical Facilities & Infrastructure - MEMA 2006 and MVC 2014; Hurricane Track - Tropical Storm (29-73 MPH); Category 1 (74-95 MPH); Category 2 (96-110 MPH); Category 3; Category 4; Category 5.
- Model (DTM) files which were made available in April 2003. this data was supplemented with MassGIS Digital Terrain from Nov 2009 to Feb 2010 by Camp Dresser and McKee.

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. The primary elevation data source was LiDAR data collected direction for each hurricane category.

Funding for the Pre-Disaster Mitigation Planning Grant was for the Pre-Disaster Mitigation Project of 2013. This map was produced by the Martha’s Vineyard Commission, CL Seidel, 3/4/14.