



# Areas of the Town of Marion at Elevation 15 Feet and Below

Data derived from a TIN digital elevation models prepared by Camp Dresser and McKee in 2009, as described in the report, Flood Mapping Activities for Plymouth and Bristol Counties, Massachusetts. Task Order 18 Activity 1--Topographic Data Development / Acquisition Summary Report. Contract No. EME-2003-CO-0340 Task Order T018. Prepared for: FEMA Region I, February 2008. The report is available at [www.buzzardsbay.org/marion-flood-zone.htm](http://www.buzzardsbay.org/marion-flood-zone.htm). LIDAR (Light Detection and Ranging) data was collected in November and December of 2007 by Sanborn Mapping Company. CDM developed a bare earth TIN Digital Elevation Model based on this data, which was used as the basis for this coverage. In an evaluation of the study area, CDM determined that the root-mean square average difference in elevation for 48 surveyed points as compared to the LIDAR TIN data was 0.52 feet, and this met the FEMA minimum accuracy requirement of 1.2 feet. Based on this analysis, CDM concluded, "Based on this analysis, this LIDAR data is acceptable for use in H&H analyses and flood zone mapping." Elevations are NAVD 88 feet.

### Legend

- marion\_15ftzone
- Marion Parcels 2008

Shapefile and map coverage prepared by Dr. Joe Costa, Buzzards Bay NEP. Draft date October 30, 2009.

