

HAZUS-MH Building Counts Affected: 100-Year Flood Exceedance and Potential Elevation Requirement *New Orleans, Louisiana*



Data and Analysis Displayed:

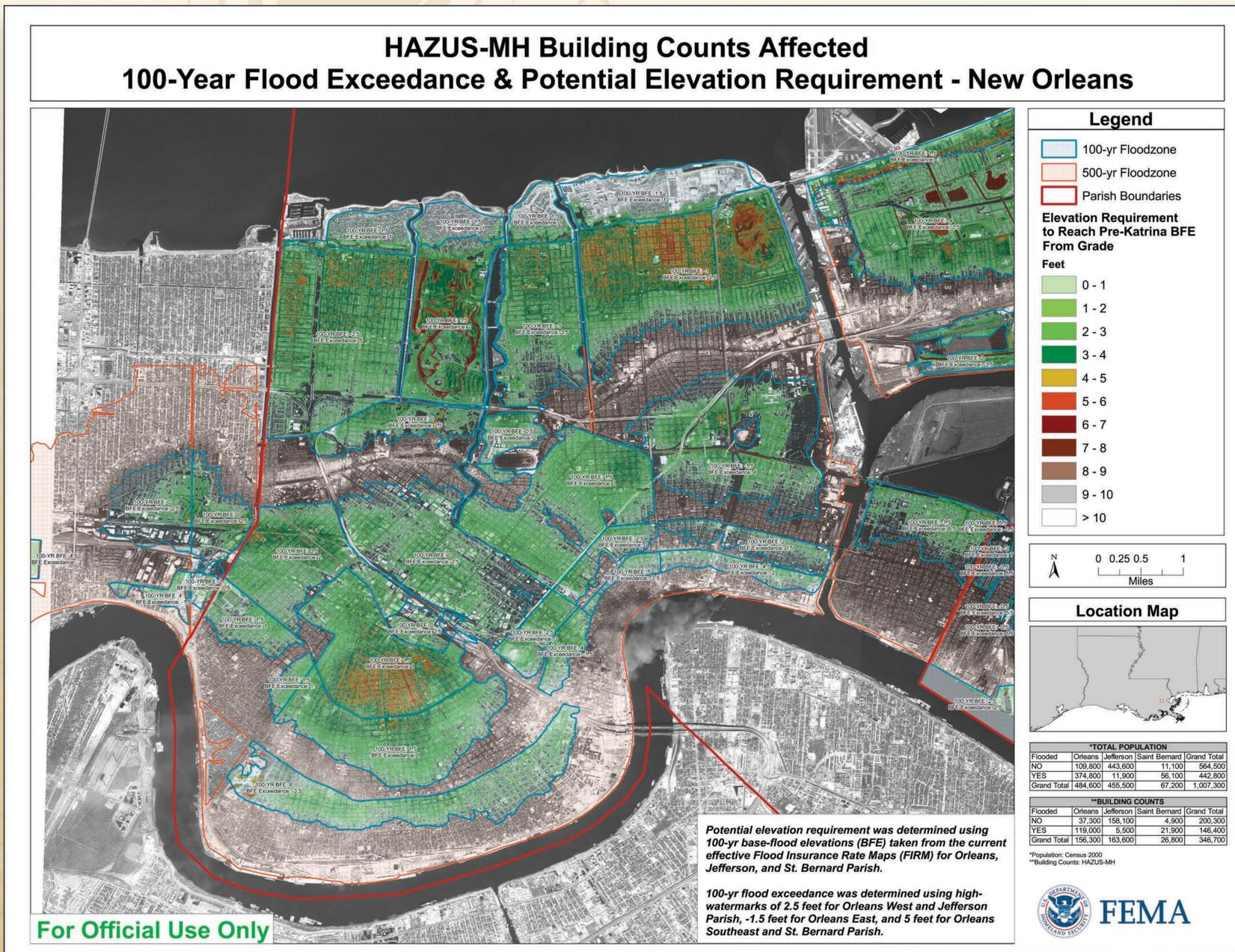
This map displays 100-year flood exceedance and potential elevation requirements for central New Orleans. The purpose was to quickly identify potential elevation requirements for substantially damaged structures (damaged more than 50%) as this is a requirement of the National Flood Insurance Program (NFIP). The 100-year flood exceedance was determined using field surveyed high watermarks and 100-year base flood elevations (BFE) taken from current effective Flood Insurance Rate Maps. The potential elevation requirement was determined using existing BFEs for Orleans, Jefferson, and St. Bernard parishes. Advisory BFEs are developed to guide the recovery process.

HAZUS-MH: FEMA's Software Program for Estimating Potential Losses from Disasters

HAZUS-MH is a powerful risk assessment software program for analyzing potential losses from floods, hurricane winds, and earthquakes. In HAZUS-MH, current scientific and engineering knowledge is coupled with the latest geographic information systems (GIS) technology to produce estimates of hazard related damage before, or after, a disaster occurs.

For more information about HAZUS visit:
www.fema.gov/plan/prevent/hazus/hz_overview.shtm

Learn more about FEMA's National Flood Insurance Program at www.fema.gov/business/nfip/



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DATA SOURCES: Current effective Flood Insurance Rate Maps (FIRM); Field-surveyed High Watermarks; Ikonos Satellite Imagery (9-2-05); Light Detection and Ranging (LIDAR), (U.S. Army Corps of Engineers, Saint Louis District, 2003, Digital Elevation Model (USGS DEM)); U.S. Census Bureau 2000; HAZUS-MH (Loss Estimation Software developed by FEMA)



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