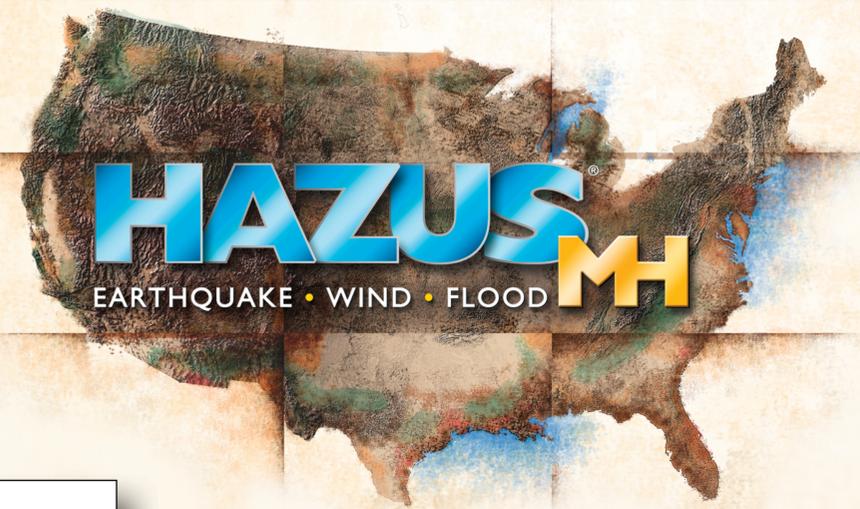


Hurricane Katrina Estimated Water Depth for HAZUS-MH Loss Estimation

New Orleans, Louisiana



Data and Analysis Displayed:

This map displays the estimated equilibrated water depth for central New Orleans. Parts of the city in close proximity to a levee breach may have experienced greater water depths as this reflects the equilibrated water-levels. This was a widely utilized product to evaluate access during the response phase. The data were used to calculate volumes for the unwatering of the City of New Orleans. FEMA's National Flood Insurance Program used the data to expedite flood insurance claims.

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

HAZUS-MH can quantify the risk for a study area of any size: region, state, community, neighborhood, or an individual site. HAZUS-MH uses GIS technology to combine hazard layers with national databases and applies a standardized loss estimation and risk assessment methodology. The GIS-based environment allows users to create graphics to help communities visualize and understand their hazard risks and solutions. The nationwide databases built into HAZUS-MH include datasets on demographics, building stock, essential facilities, transportation, utilities, and high-potential-loss facilities.

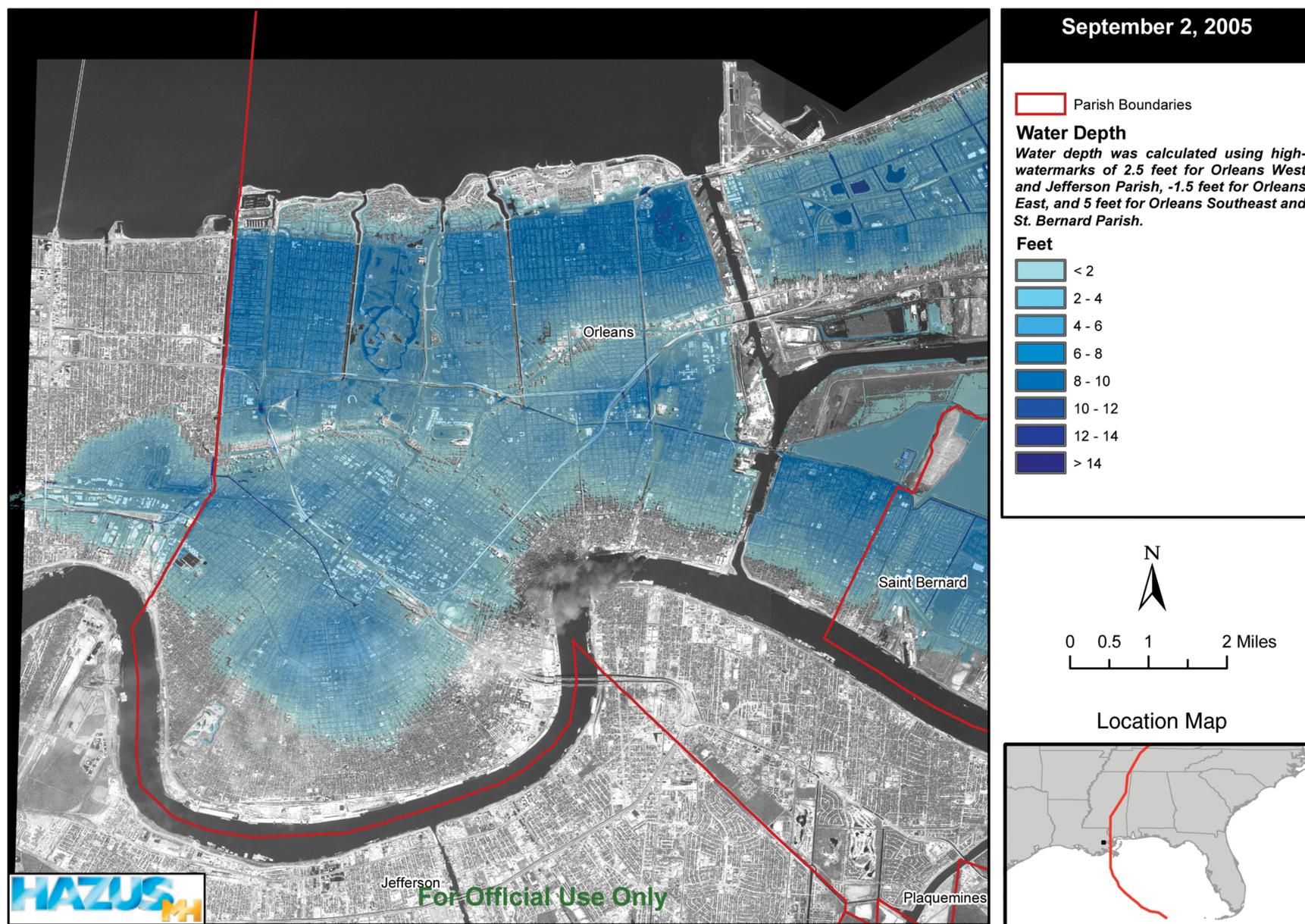
For more information about HAZUS visit:
www.fema.gov/plan/prevent/hazus/hz_overview.shtm

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



FEMA

Estimated Water Depth for HAZUS-MH Loss Estimation - New Orleans: Hurricane Katrina



DATA SOURCES: 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)); HAZUS-MH (Loss Estimation Software developed by FEMA)