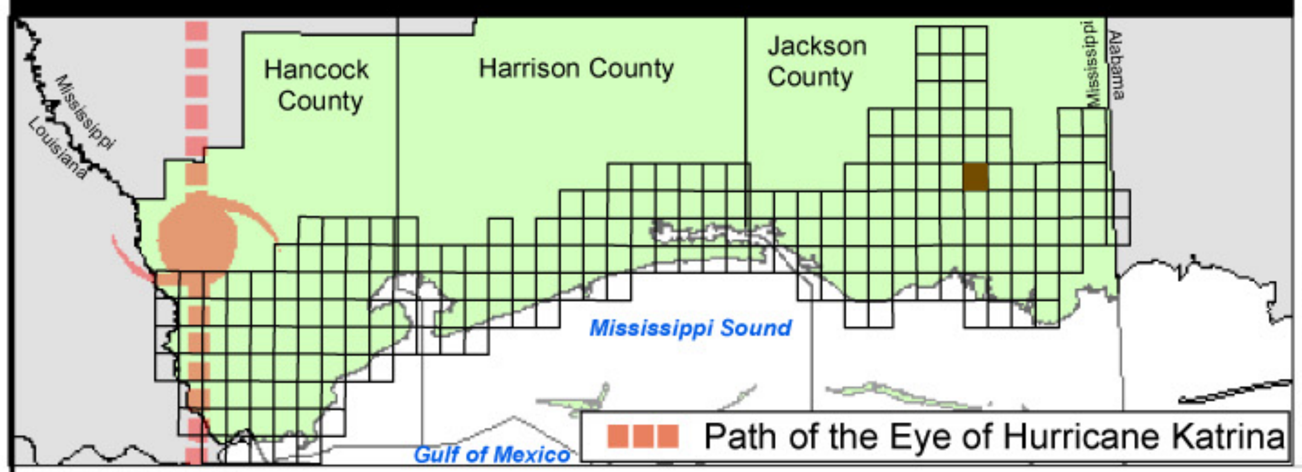
HURRICANE KATRINA SURGE INUNDATION
and
ADVISORY BASE FLOOD ELEVATION MAP
Jackson County, MS

Date of Event: August 29, 2005
Date of Map: January 6, 2006

Map Number: MS-L35

Estimated Katrina Surge Elevations[1,2]
11-13 ft
Advisory Base Flood Elevations[2,3]
Open Coast: N/A Back Bay: 12-18 ft
Effective Base Flood Elevations[2]
VE Zone: N/A AE Zone: N/A

OVERVIEW MAP



0 500 1,000 1,500 2,000
Feet

LEGEND

State Boundary
County Boundary

Hurricane Katrina-Related Data

- Preliminary Indoor High Water Mark[2]
- Preliminary Outdoor High Water Mark[2]
- Preliminary Debris High Water Mark[2]
- Limit of Katrina Surge Inundation

Flood Advisory-Related Data

- ABFE Contours (1-foot intervals)[3]
- ABFE Inland Limit[3]
- Approx. Limit of 1.5-foot Wave Zone[3]
- Approx. Limit of 3-foot Wave Zone[3]
- Open Coast/Back Bay Boundary
- Limit of ABFEs

Data Sources:

Aerial Imagery: *USDA, National Agriculture Imagery Program, 2004*
Flood Zones and Elevations: *FEMA Flood Insurance Rate Maps (Hancock Co., MS, [1983-1992]; Harrison Co., MS [1984-2002]; Jackson Co. [1984-1993]). Elevations converted from NGVD29 to NAVD88.*
High Water Marks: *FEMA (Identified and surveyed Sept-Oct., 2005)*
Storm Track: *NOAA National Weather Service*

For more information on these advisory maps, please see www.fema.gov/hazards/floods/recoverydata/katrina_index.shtm

Notes:

[1] Range estimated from surveyed, surge-only HWMs. Local wave effects (wave heights and wave runup) are not included in these elevations.

[2] Measured in feet relative to the North American Vertical Datum of 1988

[3] Post-Hurricane Katrina Advisory Base Flood Elevations (ABFEs) are based on updated statistical information to develop the estimated 1%-annual-chance (100-year) stillwater elevations (SWELs) plus estimated wave effects. For Jackson County, MS, the advisory SWEL is 14 ft for the Gulf Coast and 12 ft for back-bay areas. See equation below to calculate the ABFE with wave effects for a given site:

ABFE = Advisory SWEL + Wave Height,
where **Wave Height = $^1/_2$ Stillwater Flooding Depth** (depth measured relative to the ground)

MAPS FOR ADVISORY PURPOSES ONLY - NOT FOR INSURANCE RATING PURPOSES

For insurance rating purposes, refer to the currently effective Flood Insurance Rate Map (FIRM), available from your local government or the FEMA Map Service Center (1-800-358-9616/ http://msc.fema.gov)