

### HURRICANE RITA SURGE INUNDATION and ADVISORY BASE FLOOD ELEVATION MAP St. Charles Parish, Louisiana

Date of Event: September 24, 2005  
Date of Map: February 14, 2006

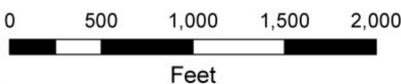
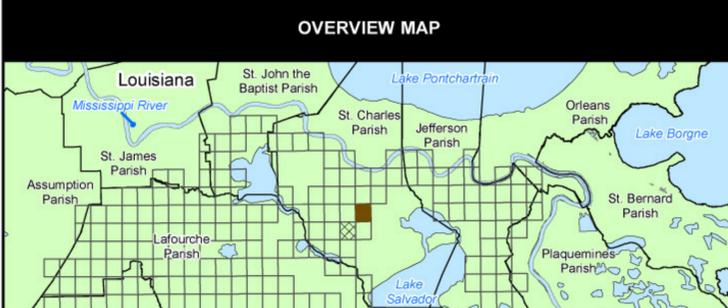
Map Number: LA-Z114

#### Advisory Base Flood Elevations<sup>1</sup>

This map shows Advisory Base Flood Elevations (ABFEs) developed by FEMA. Please see [http://www.fema.gov/hazards/floods/recoverydata/pdf/stcharles\\_parrish11-30-05nh.pdf](http://www.fema.gov/hazards/floods/recoverydata/pdf/stcharles_parrish11-30-05nh.pdf) for more information on how they were determined.

#### Estimated Rita Surge Elevations<sup>1,2</sup>

3-4 ft



#### LEGEND

- |  |  |
|--|--|
| State Boundary   | Parish Boundary                                    |
| <b>Flood Advisory Related Data</b>   |  |
| Advisory Base Flood Elevation (ABFE) Zone, including Flood Zone Type (A, AE, AH, VE), and elevation (in feet) <sup>1,3</sup> | Preliminary Indoor High Water Mark <sup>1,2</sup>  |
| Landward Limit of ABFEs <sup>3,4</sup>   | Preliminary Outdoor High Water Mark <sup>1,2</sup> |
|  | Preliminary Debris High Water Mark <sup>1,2</sup>  |
|  | Limit of Rita Surge Inundation                     |

**Data Sources:**  
Aerial Imagery: USDA, National Agriculture Imagery Program, 2004  
Flood Zones and Elevations: FEMA Flood Insurance Rate Maps (St. Charles Parish, 1992)  
High Water Marks: FEMA (Identified and surveyed Sept-Dec., 2005)

**Notes:**

<sup>1</sup> Measured in feet relative to the National Geodetic Vertical Datum of 1929 (NGVD29). To convert from NGVD29 to North American Vertical Datum of 1988 in St. Charles Parish, subtract 0.21 feet.

<sup>2</sup> Range estimated from surveyed, surge-only High Water Marks. Local wave effects (wave heights and wave runup) are not included in these elevations.

<sup>3</sup> Each whole-foot ABFE shown applies to all properties located in the mapped zone, with zone boundaries outlined in yellow. These ABFEs reflect freeboard of 1 foot above current, effective Base Flood Elevations (BFEs) shown on each community's Flood Insurance Rate Map (FIRM).

<sup>4</sup> For areas outside of the ABFE limits, please refer to the community's effective FIRM for additional flood hazard information, where applicable.

For more information on these advisory maps, please see [http://www.fema.gov/hazards/floods/recoverydata/rita\\_index.shtm](http://www.fema.gov/hazards/floods/recoverydata/rita_index.shtm)

**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 or <http://msc.fema.gov>)