# HURRICANE IVAN SURGE INUNDATION MAP

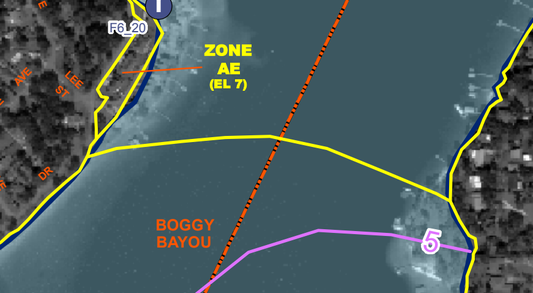
## Map Number: J50  Estimated Surge Elevation: 5-9 ft

## Date of Event: September 16, 2004; Date of Map: December 2004

FEMA

### OVERVIEW MAP

*(See Index Map for Additional Information)*




### LEGEND

- State Boundary
- County Boundary
- Corporate Limits
- FEMA Flood Zone Boundary
- FEMA Floodway Boundary
- FEMA Base Flood Elevation [1]
- Indoor High Water Mark [1]
- Outdoor High Water Mark [1]
- Debris High Water Mark [1]
- Preliminary Surge Elevation [1,2]
- Preliminary Debris Limit
- Limit of Surge Inundation

**Data Sources:**

***Aerial Imagery:*** *Baldwin Co., AL (2002); Escambia Co., FL (2003); Santa Rosa Co., FL (2001); Okaloosa Co., FL (2001)*
***Flood Zones and Elevations:*** *FEMA Flood Insurance Rate Maps (Baldwin Co., AL, [2002]; Escambia Co., FL [2000]; Santa Rosa Co. and City of Gulf Breeze, FL [2000]; Okaloosa Co., FL [2002])*
***High Water Marks:*** *FEMA (Identified and surveyed Oct-Nov., 2004)*
***Debris Line:*** *FEMA (Compiled from aerial imagery collected by U.S. Army Corps of Engineers, Oct. 2004)*
***Storm Track:*** *NOAA National Weather Service*

**Notes:**

**[1]Measured in feet - NAVD88 (Baldwin County, AL); NGVD29 (Escambia, Santa Rosa, and Okaloosa Counties, FL)**

***[2]Preliminary Surge Elevations do not include wave effects and therefore are not directly comparable to FEMA Base Flood Elevations. For information on estimating wave heights, see accompanying "Notes to Users," or the report, "Hurricane Ivan Surge Inundation Maps, Summary of Methods."***

***For more information on these advisory maps, please see www.fema.gov/ivanmaps***

**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://store.msc.fema.gov)***