

An aerial photograph of a coastal region, likely New Orleans, showing a large body of water (the Gulf of Mexico) and a complex network of levees and canals. The land is green, and the water is a deep blue. The text is overlaid on the image.

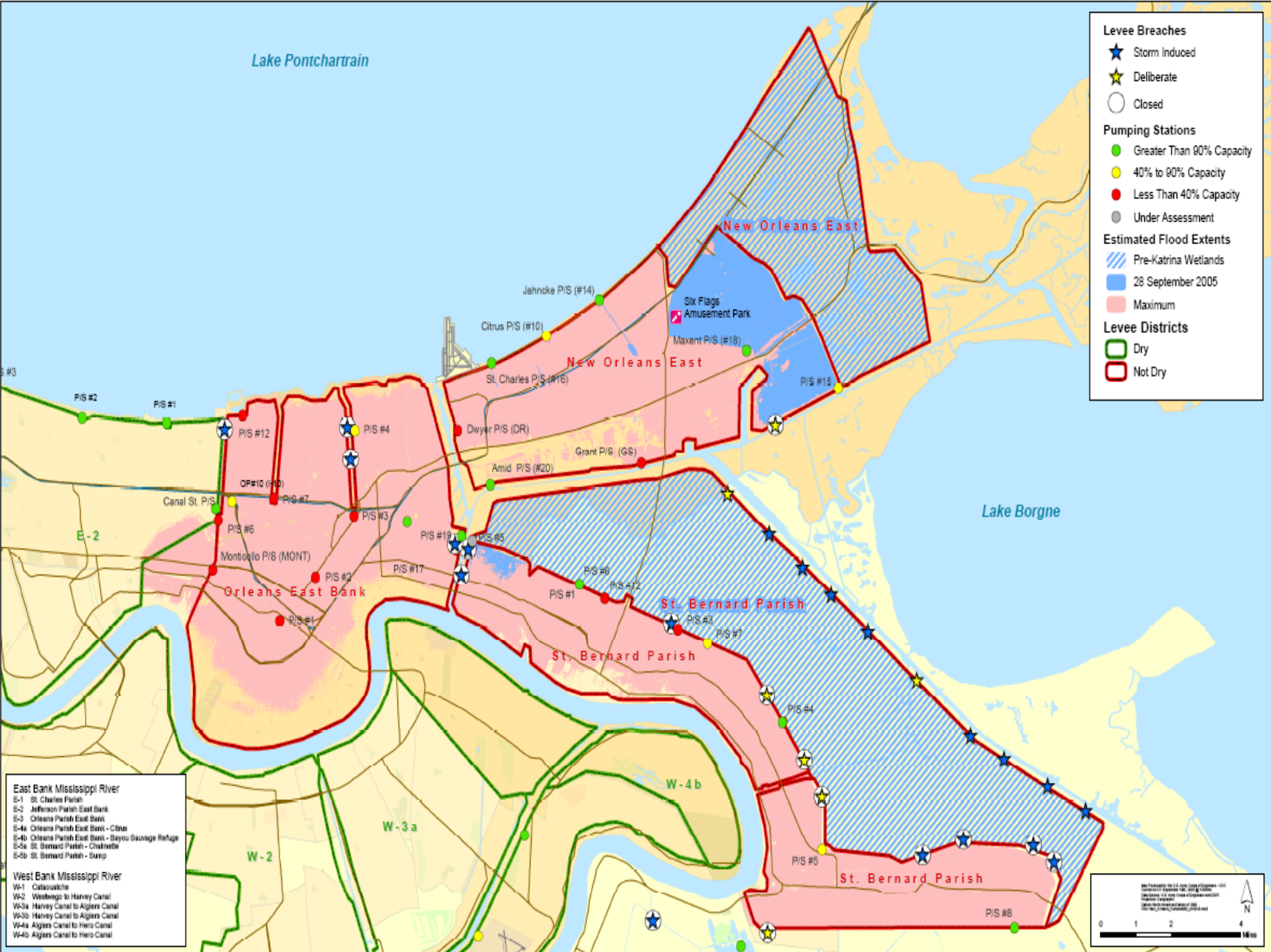
**Preliminary Report on the  
Performance of the New Orleans  
Levee Systems in Hurricane  
Katrina on August 29, 2005**

Dr. Raymond B. Seed  
University of California, Berkeley









**Levee Breaches**

- ★ Storm Induced
- ☆ Deliberate
- Closed

**Pumping Stations**

- Greater Than 90% Capacity
- 40% to 90% Capacity
- Less Than 40% Capacity
- Under Assessment

**Estimated Flood Extents**

- ▨ Pre-Katrina Wetlands
- 28 September 2005
- Maximum

**Levee Districts**

- Dry
- Not Dry

Lake Pontchartrain

Lake Borgne

New Orleans East

New Orleans East

Orleans East Bank

St. Bernard Parish

St. Bernard Parish

St. Bernard Parish

- East Bank Mississippi River**
- E-1 St. Charles Parish
  - E-2 Jefferson Parish East Bank
  - E-3 Orleans Parish East Bank
  - E-4a Orleans Parish East Bank - Citrus
  - E-4b Orleans Parish East Bank - Bayou Sauvage Refuge
  - E-5a St. Bernard Parish - Chalmette
  - E-5b St. Bernard Parish - Burgin
- West Bank Mississippi River**
- W-1 Chalmette
  - W-2 Westwego to Harvey Canal
  - W-3a Harvey Canal to Algiers Canal
  - W-3b Harvey Canal to Algiers Canal
  - W-4a Algiers Canal to Hero Canal
  - W-4b Algiers Canal to Hero Canal

Map prepared by the U.S. Army Corps of Engineers (ACEC) for the New Orleans Area Flood Protection Study (NOAFPS) on September 28, 2005. The map shows the estimated flood extents for the area around New Orleans, Louisiana, on September 28, 2005. The map is based on data provided by the U.S. Army Corps of Engineers (ACEC) and the U.S. Environmental Protection Agency (EPA). The map is not to scale and is for informational purposes only. The map is subject to change without notice.

0 1 2 4 Miles

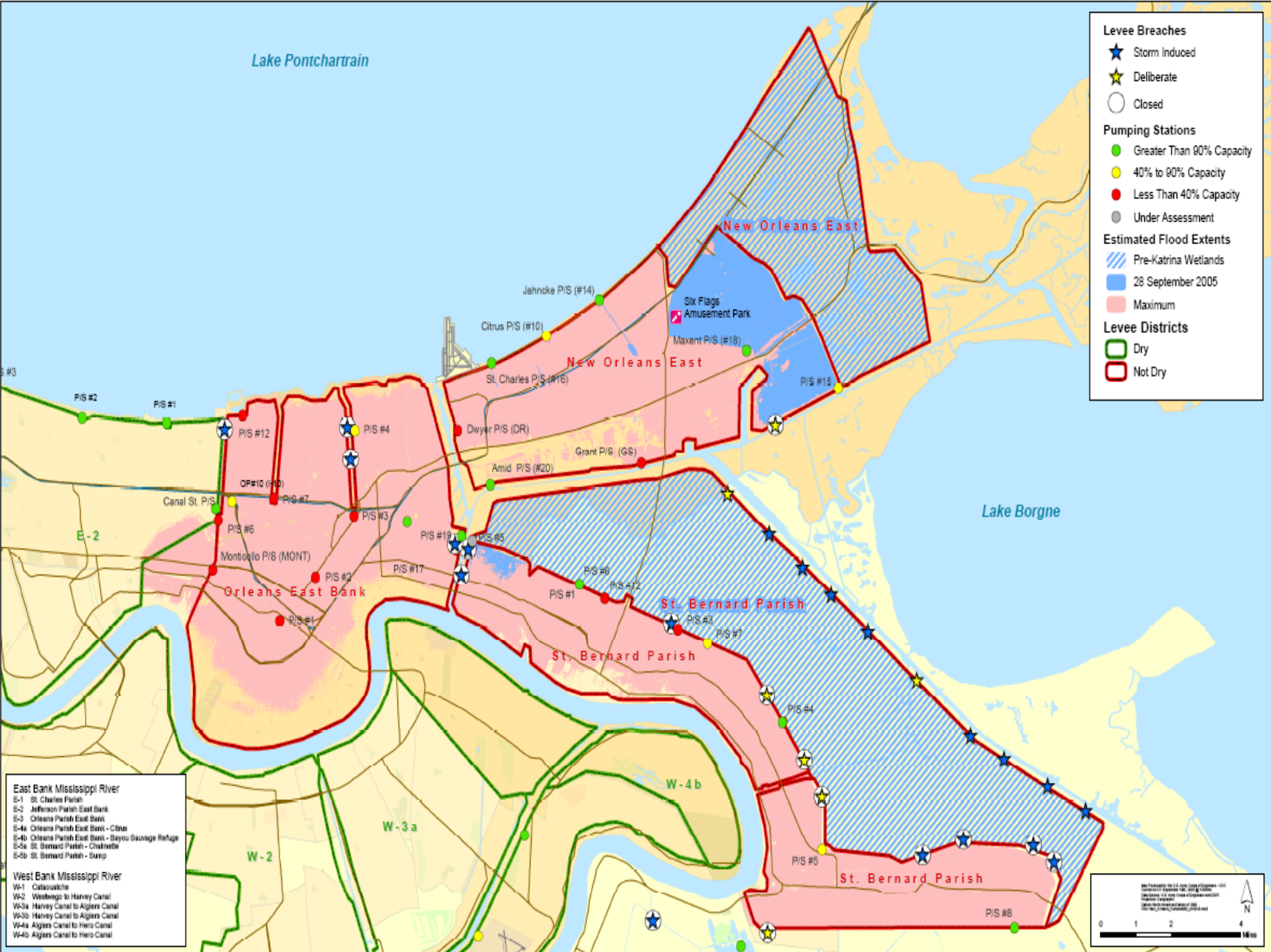












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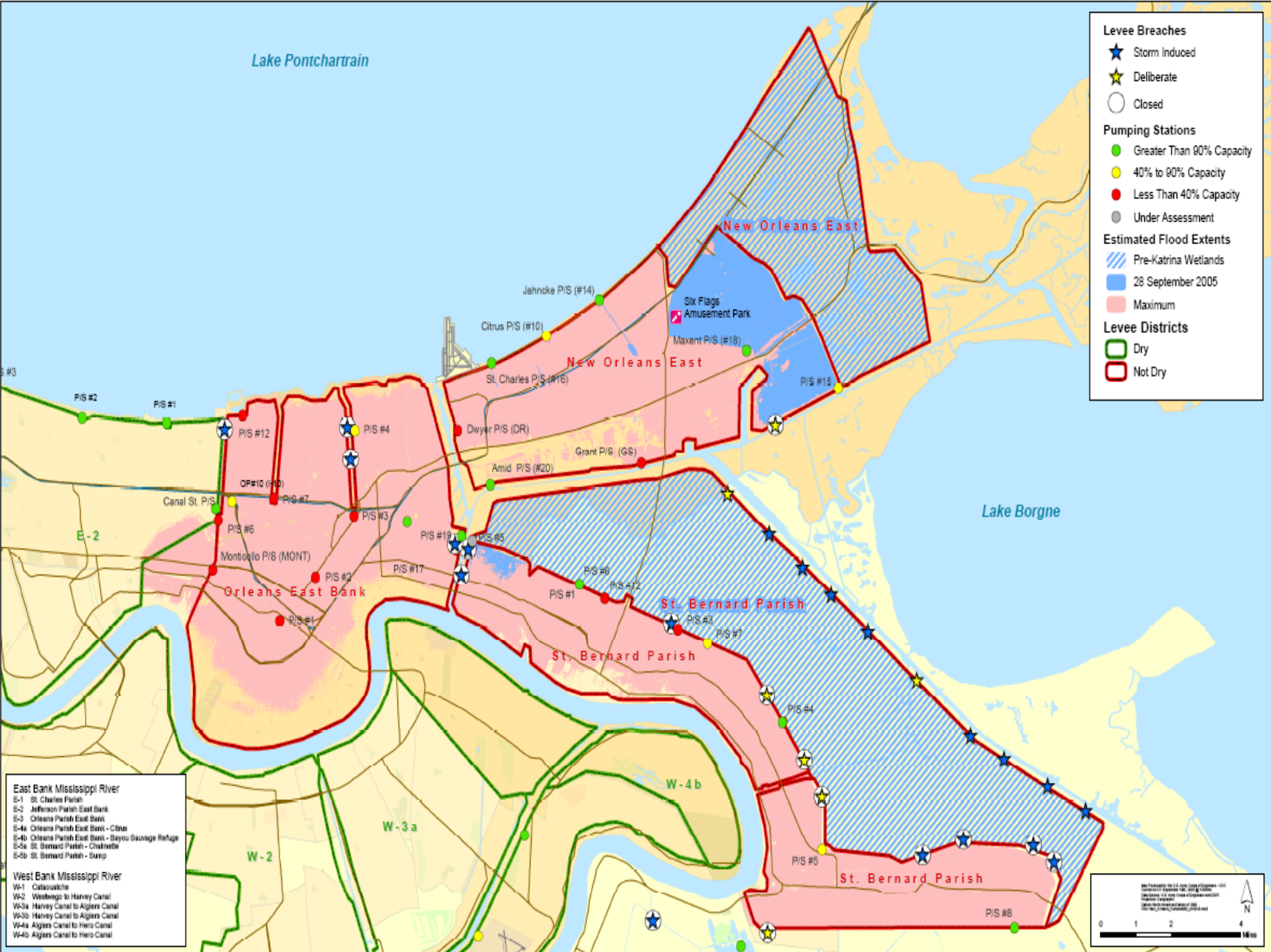
Map prepared by the U.S. Army Corps of Engineers (ACEC) for the New Orleans East Area Flood Protection Study (NOEAFPS) in 2005. The map shows the estimated flood extents for the area as of September 28, 2005. The map is not to scale. For more information, visit [www.mwr.usace.army.mil](http://www.mwr.usace.army.mil).

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Map prepared by the U.S. Army Corps of Engineers (ACEC) for the New Orleans East Area. The map shows the location of the New Orleans East Area and the extent of the flooding. The map is not to scale. The map is for informational purposes only. The map is not to be used for navigation. The map is not to be used for legal purposes. The map is not to be used for insurance purposes. The map is not to be used for any other purpose.

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# Common Transition Failures







