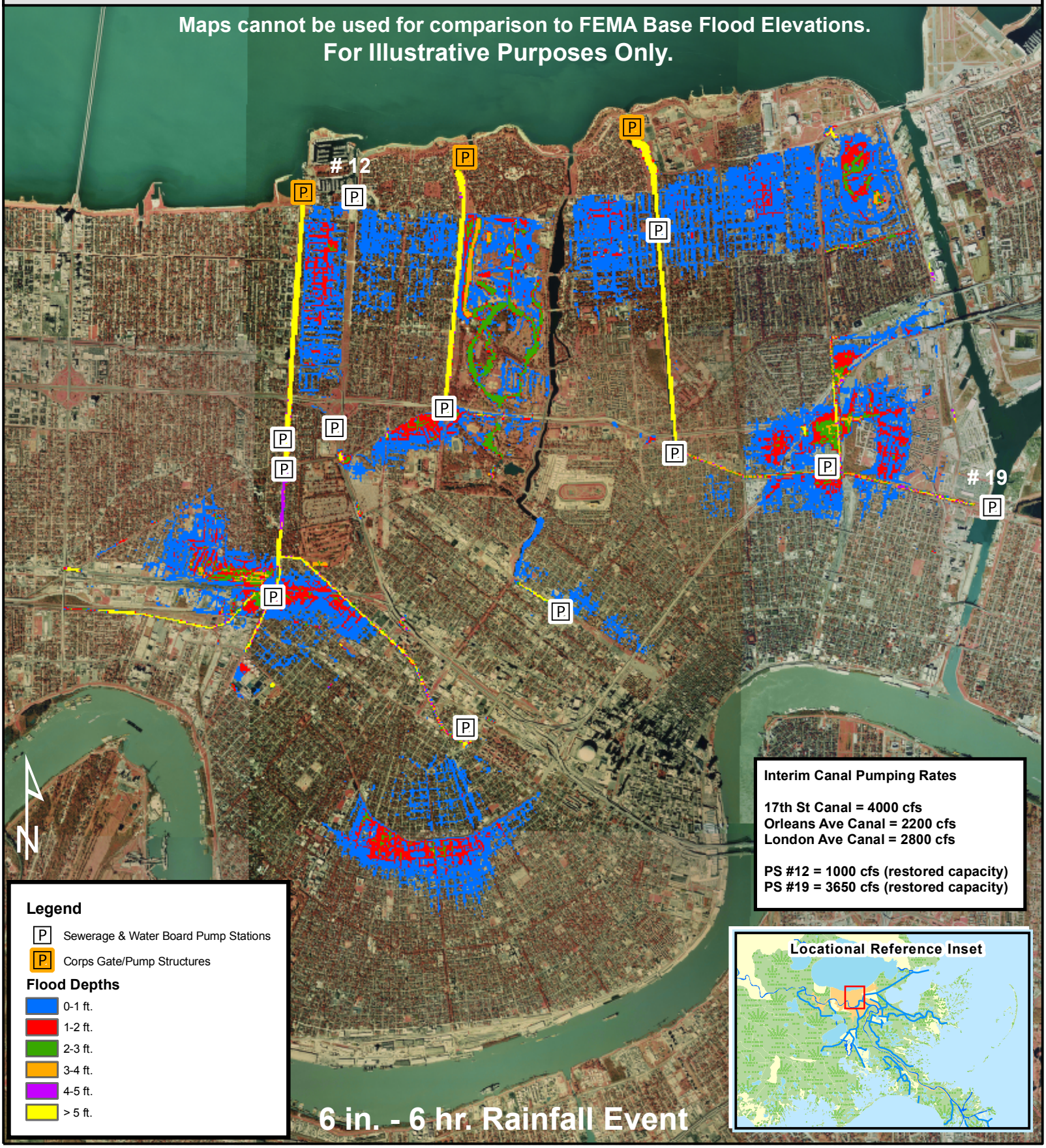
Map of New Orleans after a 6" rainfall during a Tropical Storm
(Sep 06 Conditions)

This inundation map is a numeric model generated depiction of the flood depths resulting from a 6 inch, 6 hour duration rainfall during a tropical storm, assuming no overtopping or breaching of levees and floodwalls with Sep 06 pumping conditions and canal gates closed.



0 0.7 1.4 2.1 2.8 3.5 Miles

26 Jul 06

New Orleans East Bank (Metro Area)

Under all conditions, a tropical storm is affecting New Orleans. Lake Pontchartrain stages are at Elevation 5 ft. NAVD88 (2004.65) or greater. Maps assume no overtopping of the hurricane protection system. Maps are based on uniform rainfall distribution over the metropolitan area. The Interagency Performance Evaluation Taskforce model was used as the basis to generate these maps.

Maps cannot be used for comparison to FEMA Base Flood Elevations.

These nine maps depict rainfall events of 3, 6 and 9 inches over 6 hour periods at four different points in time.

Pre-Katrina Conditions: Pre-Katrina Canal and Pump Situation (No Interim Closures/pumps). All Pump Stations operable up to 100% rated capacity.

July 2006 Conditions: Pumping conditions are shown with interim canal floodgates closed. Interim canal pumping rates at floodgates are 1,000 CFS at 17th Street Canal, 2,200 CFS at Orleans Avenue Canal and 2,800 CFS at London Avenue Canal. The pumping capacity at PS#12 is 0 CFS and at PS#19 is 1,550 CFS.

September 2006 Conditions: Pumping conditions are with interim canal floodgates closed. Interim canal pumping rates at floodgates are 4,000 CFS at 17th Street Canal, 2,200 CFS at Orleans Avenue Canal and 2,800 CFS at London Avenue Canal. The pumping capacity at PS#12 is 1,000 CFS and at PS#19 is 3,650 CFS.

June 2007 Conditions: Pumping conditions are with interim canal floodgates closed. Interim canal pumping rates at floodgates are 7,300 CFS at 17th Street Canal, 2,200 CFS at Orleans Avenue Canal and 4,800 CFS at London Avenue Canal. The pumping capacity at PS#12 is 1,000 CFS and at PS#19 is 3,650 CFS. Inundation levels are the same as pre-Katrina conditions (see above).