GIS During Disaster Events Think Decision Support

William Smiley

Chief, Emergency Management and Security Office. Tulsa District US Army Corps of Engineers





Tulsa District District Level USACE Operations

- □ District Scope of Services
- □Civil Works Programs
- ■Military Programs
- □ Emergency Levee Rehabilitation Projects
- □SWIF Program Point of Contact
- □Anti Terrorism and Force Protection



<u>Tulsa District USACE</u> <u>Federal Emergency Operations Mission</u>

- □ Emergency Power
- □Debris Removal "Expedited"
- **□**Commodities
- □Roofing (VOAD's)
- □ Engineering Assessments
- **□**Liaisons
- ☐ Tech Assistance





USACE Own Mission PL84-99 (State or District Level)

WHAT IS IT: USACE Projects/USACE Navigation Systems.

Disaster Preparation
Emergency Operations
Rehabilitation
Water Assistance
Advance Measures
Hazard Mitigation

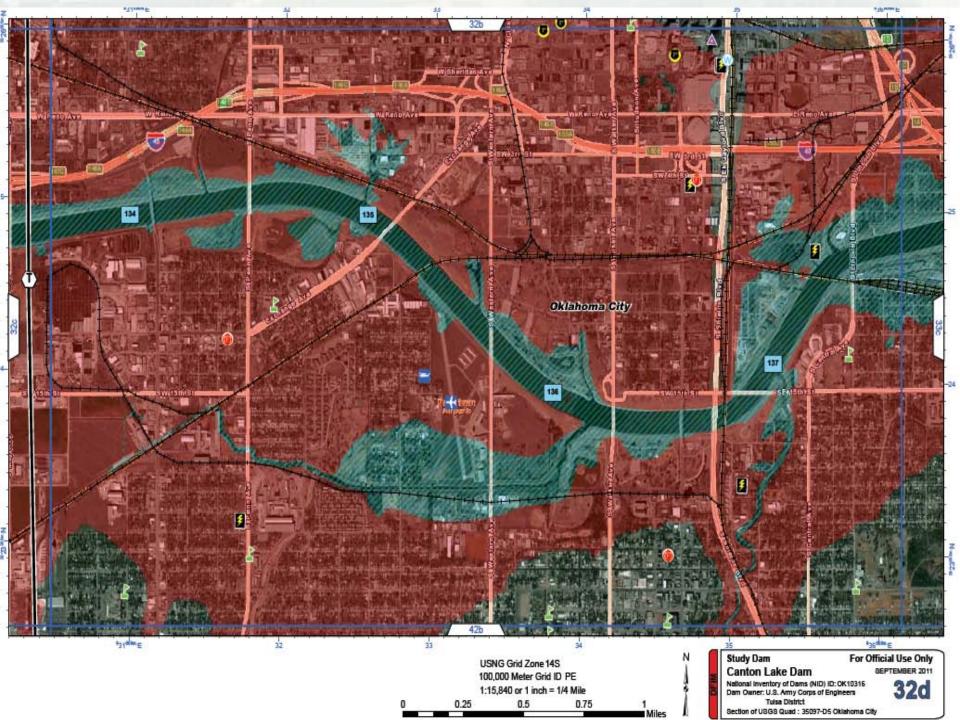




HOW TO ACCESS IT: Directly to the Project/EM/District Engineer

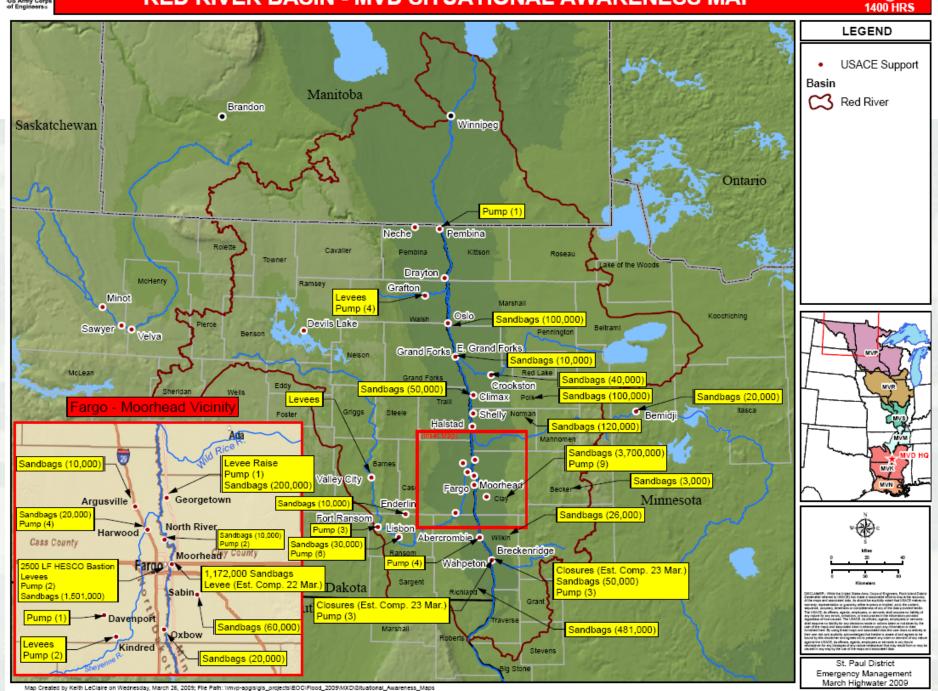
Governor Declared Emergency
Allows action in the event of imminent threat. National Weather Service.
Incident Management Team to the location.
Sandbags, Pumps, Poly etc.
Flood Inundation Area (GIS)
Just in time floodfight training
Liaison Officers (Hydrology, Structural Engineers)
Damage Maps and Decision Support Systems

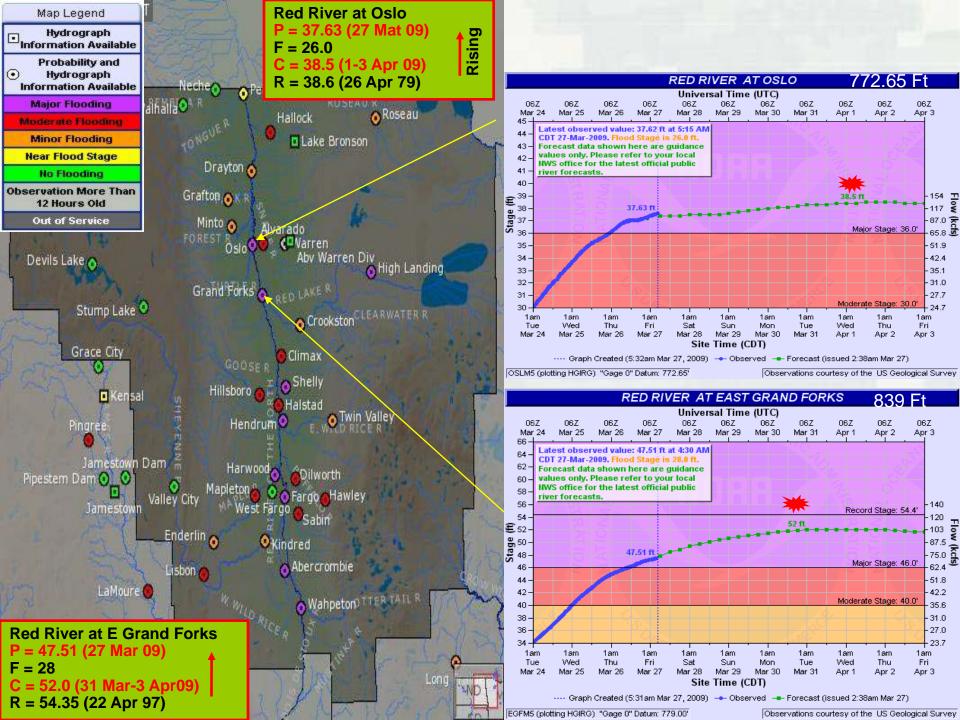




RED RIVER BASIN - MVD SITUATIONAL AWARENESS MAP

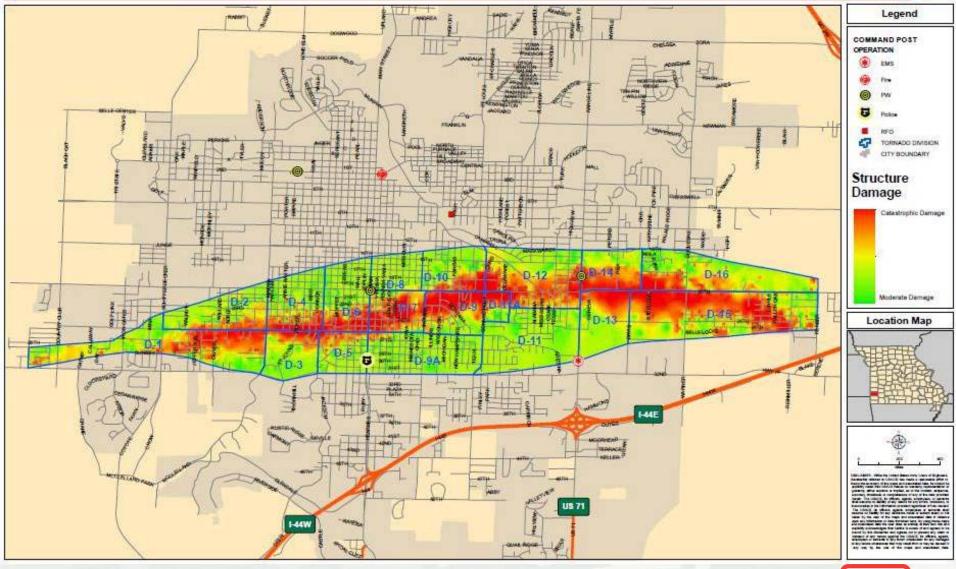
26 MAR 2009 @ 1400 HRS



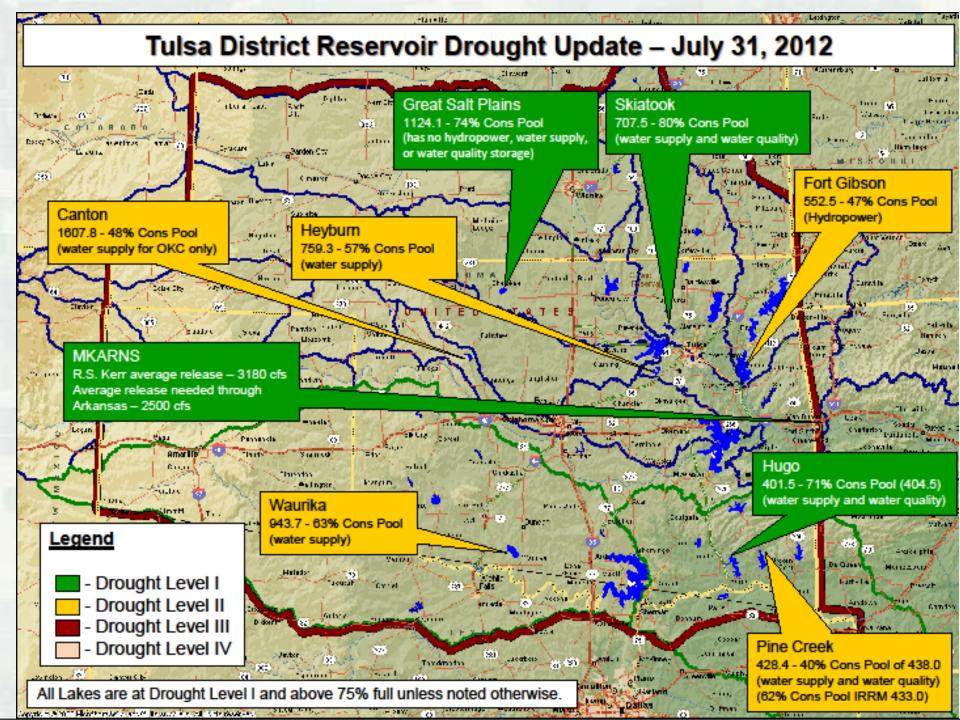


JOPLIN MISSOURI ESTIMATED STRUCTURE DAMAGE - 1 JUNE 2011









Hurricane Isaac

22 Million for ESF#3
\$200,000.00 GIS Emergency
Support Function (ESF) #3
Support



Mission Details

Return

Mission Information

Originator Name: Shantelle Dunn
Originator Position: Parish Plaquemines

Mission Number: 94-113551848

Mission Lead: Disaster Recovery-JFO Mission Status: At Branch Manager

Per Guy Laigast, Plaquemines Parish Government

Structural Assessment Team - requesting Corps of Engineers Structural Safety Assessment Team for Plaquemines to assess

Detailed Description of Request: structural integrity of public (PA) and residential (IA) property. Approximate number or structures, to be determined.

This request is to occur for the entire Plaquemines Parish east bank and Jesuit Bend South on westbank.

Attachment:

Date/Time Required: 09/05/2012 12:00:00

Priority: High (6-12 hours)

Point of Contact Information

Name: Ken Dugas0

Agency: Plaquemines Parish Government

Phone Number: 504-912-597

Alternate Phone Number:

Email: ken_dugas@plaqueminesparish.com

Comments [Add Comments]

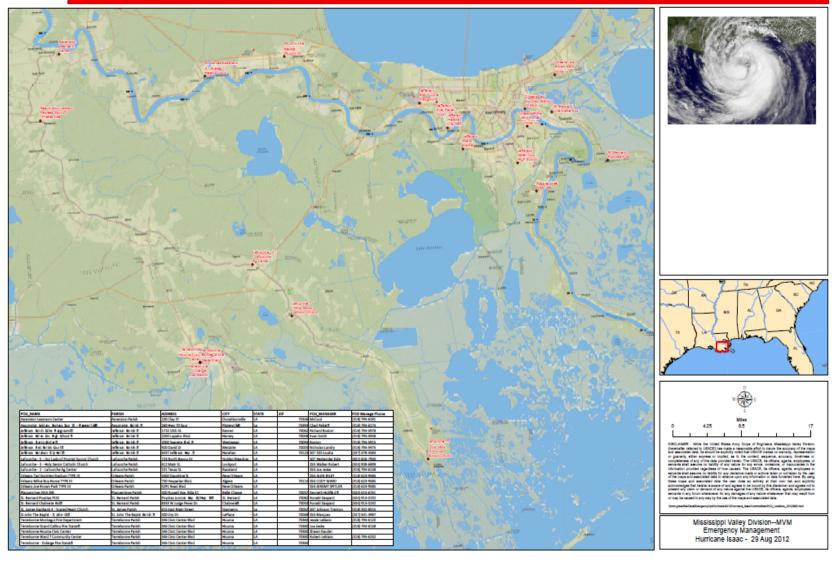


					POD Zip	POD Manager	POD Manage
POD Name	POD Parish	POD Address	POD City	POD State	Code	Name	Phone
Ascension Leamann Center	Ascension Parish	100 Clay ST	Donaldsonvil le	LA	70346	McCool	(318) 794-6181
ssumption Leblanc Payless Spur 70 - lattenville	Assumption Parish	260 Hwy 70 Spur	Plattenville	La	70393	Peltier, Chad	(318) 794-6174
efferson Butch Duhe Playground	Jefferson Parish	1710 10th St.	Kenner	LA	70062	Boston, Richard	(318) 794-5978
efferson Helen Cox High School	Jefferson Parish	2200 Lapalco Blvd.	Harvey	LA	70058	Smith, Evan	(318) 794-5948
efferson Alario Center	Jefferson Parish	2000 Segnette Blvd.	Westwego	LA	70094	Boston	(318) 794-5915
efferson First Parish Court	Jefferson Parish	920 David Dr	Metairie	LA	70003	Landry, Nicholas	(318) 794-5975
efferson Harahan City Hall	Jefferson Parish	6437 Jefferson Hwy.	Harahan	LA	70123	SGT Dill Jousha	(337) 378-4583
afourche - 5 - Our Lady of Prompt uccor Church	Lafourche Parish	723 North Bayou Dr	Golden Meadow	LA		SGT Herkender Kyle	(601) 826-7900
afourche - 3 - Holy Savior Catholic hurch	Lafourche Parish	612 Main St.	Lockport	LA		SSG Walker Robert	(504) 908-6898
afourche - 2 - Lafourche Ag Center	Lafourche Parish	101 Texas St.	Raceland	LA		SSG Joe Jeske	(318) 794-6138
Prleans Tad Gormley Stadium TYPE III	Orleans Parish	4400 Dauphine St	New Orleans	LA		SSG ALEN RILEY	(318) 623-9585
Orleans Milne Boy Home TYPE III	Orleans Parish	730 Vesparian Blvd.	Algiers	LA	70114	SSG CODY WARD	(318) 623-9585
Orleans Joe Brown Park TYPE III	Orleans Parish	5291 Read Blvd	New Orleans	LA		SSG JEREMY SPITLER	(318) 623-9585
laquemines NSA JRB	Plaquemines Parish	400 Russell Ave, Bldg 31	Belle Chasse	LA	70037	Kenneth Holifield	(504) 610-6761
t. Bernard Poydras POD	St. Bernard Parish	Poydras Junction Hwy 46/Hwy 39	St. Bernard	LA	70082	Ronald Gaspard	(504) 913-0192
t. Bernard Chalmette Pod	St. Bernard Parish	8333 W Judge Perez Dr.	Chalmette	LA	70043	Ronald Gaspard	(504) 913-0192
t. James Eastbank 4 - Scared Heart hurch	St. James Parish	615 East Main Street	Gramercy	La	70052	SGT Johnson Trenton	(318) 332-8515
t John The Baptist - St John-01	St. John The Baptist Parish	400 Ory Dr.	LaPlace	LA	70068	SSG Marquez	(337) 501-3987
errebonne Montegut Fire Department	Terrebonne Parish	346 Civic Center Blvd	Houma	LA	70360	Jessie Leblanc	(318) 794-6120
errebonne Grand Caillou Fire Station	Terrebonne Parish	346 Civic Center Blvd	Houma	LA	70360	Joe Jeske	(318) 794-6138
errebonne Houma Civic Center	Terrebonne Parish	346 Civic Center Blvd	Houma	LA	70360	Shawn Gaudet	
errebonne Ward 7 Community enter	Terrebonne Parish	346 Civic Center Blvd	Houma	LA	70360	Robert Leblanc	(318) 794-6232
errebonne - Dularge Fire Station	Terrebonne Parish	346 Civic Center Blvd	Houma	LA	70360		



MVD Hurricane Isaac Response - POD Locations

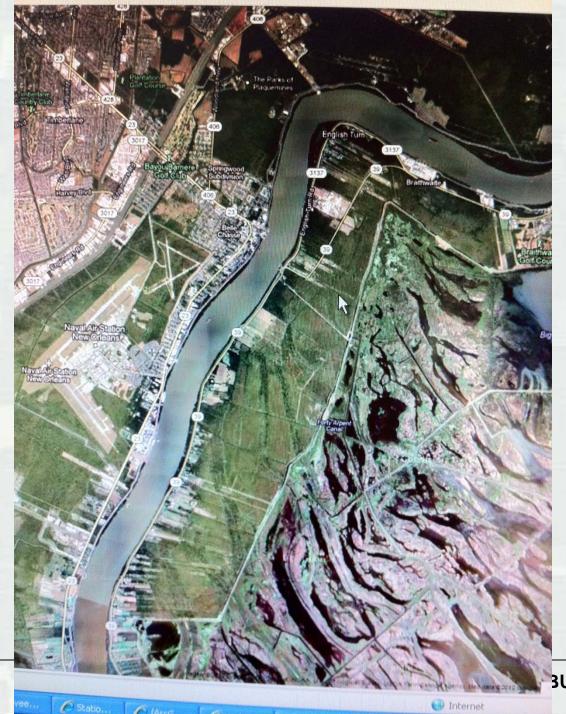
30 Aug 2012 @ 1600 HRS







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GIS Key Execution Elements During Disaster

- □ Decision Support We have this and need to do that.
- ☐Be in the area of operations.
- □ Attend the State EOC Meetings.
- □ Attend the IMAT or ISB Meetings.
- □Link up with the ESF#3 Team or Assistant Team Leader.
- **□Simpler** is better.



Questions

