Governor's Office of Homeland Security & Emergency Preparedness

Louisiana Wireless Information Network

SIEC Meeting
Chair Report
September 22, 2010

September 22, 2010 – SIEC Meeting

- GOHSEP Awarded $17 million to expand LWIN
  - Initial Focus on Capacity Expansion ($12 Million)
  - Secondary requirement on Redundant Connectivity ($5 Million)
- FCC Waiver Request for Phase III Broadband

September 22, 2010 – SIEC Meeting

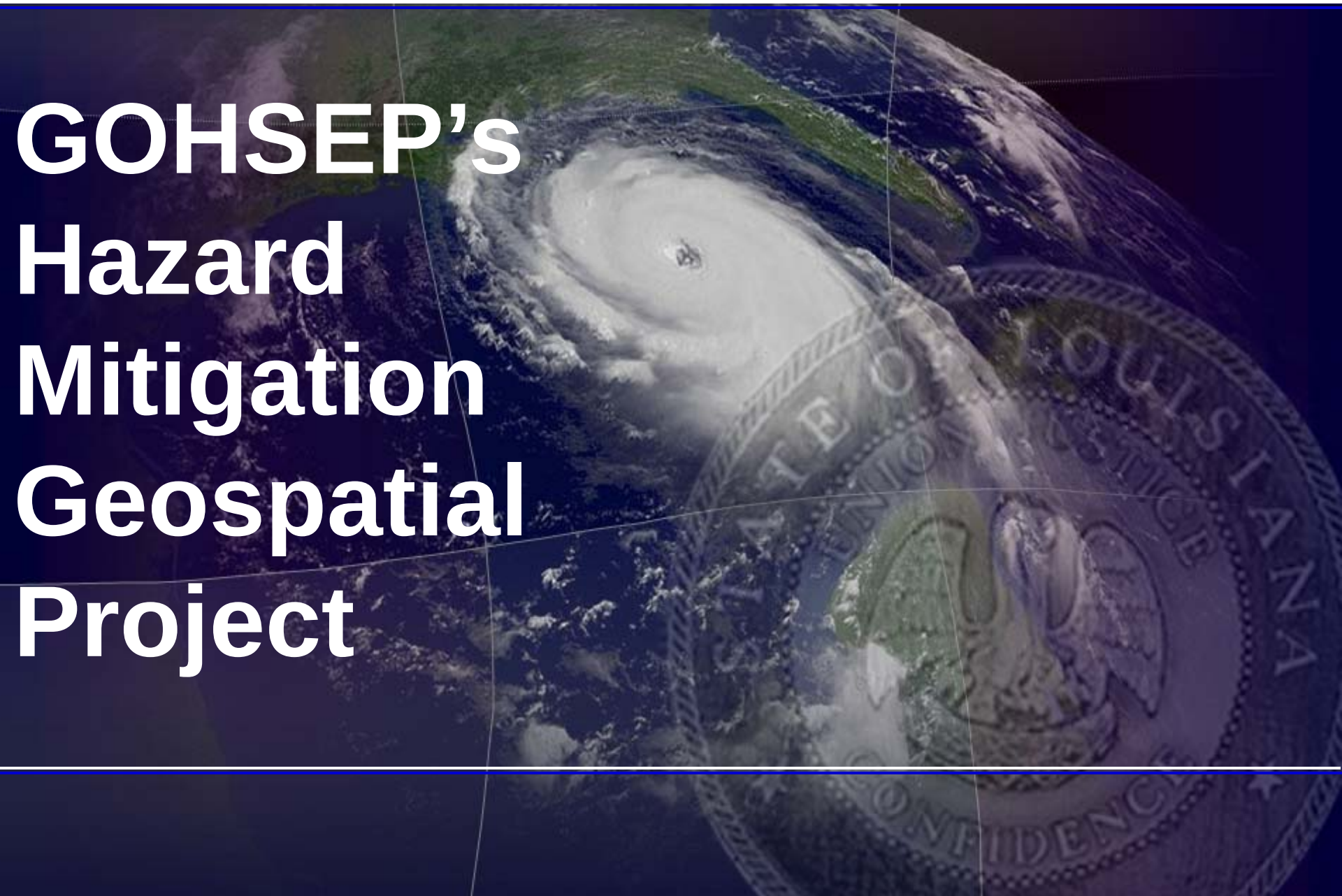
- Citizens Early Alert RFP Update
- Radio Data System (RDS) RFP Update
- R8 Communications Event
  - October 18 – 22, 2010
- Subscriber Training

September 22, 2010 – SIEC Meeting

- Gulf WIN Update
- Mobile Tower Site Repairs
- Suitcase Repeater
- Intrinsically Safe Radio Issue

September 22, 2010 – SIEC Meeting

- **Inter State Coordination**
  - **The July FEMA Region 6 RECCWG Meeting**
  - **Participated in the Texas Interoperability / SCIP Update**
  - **Participating in Arkansas's SCIP Meeting**
  - **Speaking at North Carolina's Annual Meeting in December**



GOHSEP's Hazard Mitigation Geospatial Project

Hazard Mitigation Grant Award

- In December 2009, GOHSEP was awarded $9.5 million dollars to conduct a Statewide Geospatial Project
- Project Divided into two Phases:
  - PHASE 1 – High Resolution Imagery Collection
  - PHASE 2 – Geospatial Data Collection

Hazard Mitigation Geospatial Project

Phase I

- In February / March 2010 the entire state was flown
- 99% of the State was collected at 6" resolution
- Initial delivery of coastal parishes is expected in the next 60 days
- Imagery will be available in Virtual Louisiana and a hard copy will be provided to the Parishes

Hazard Mitigation Geospatial Project

Phase II

- The State will collect Geospatial Data across the entire state
- Emphasis will be focused on hydrology data and significant man-made structures
- Conduct collection effort for a single region as a Pilot

Hazard Mitigation Geospatial Project

Summary of the Grant Proposal

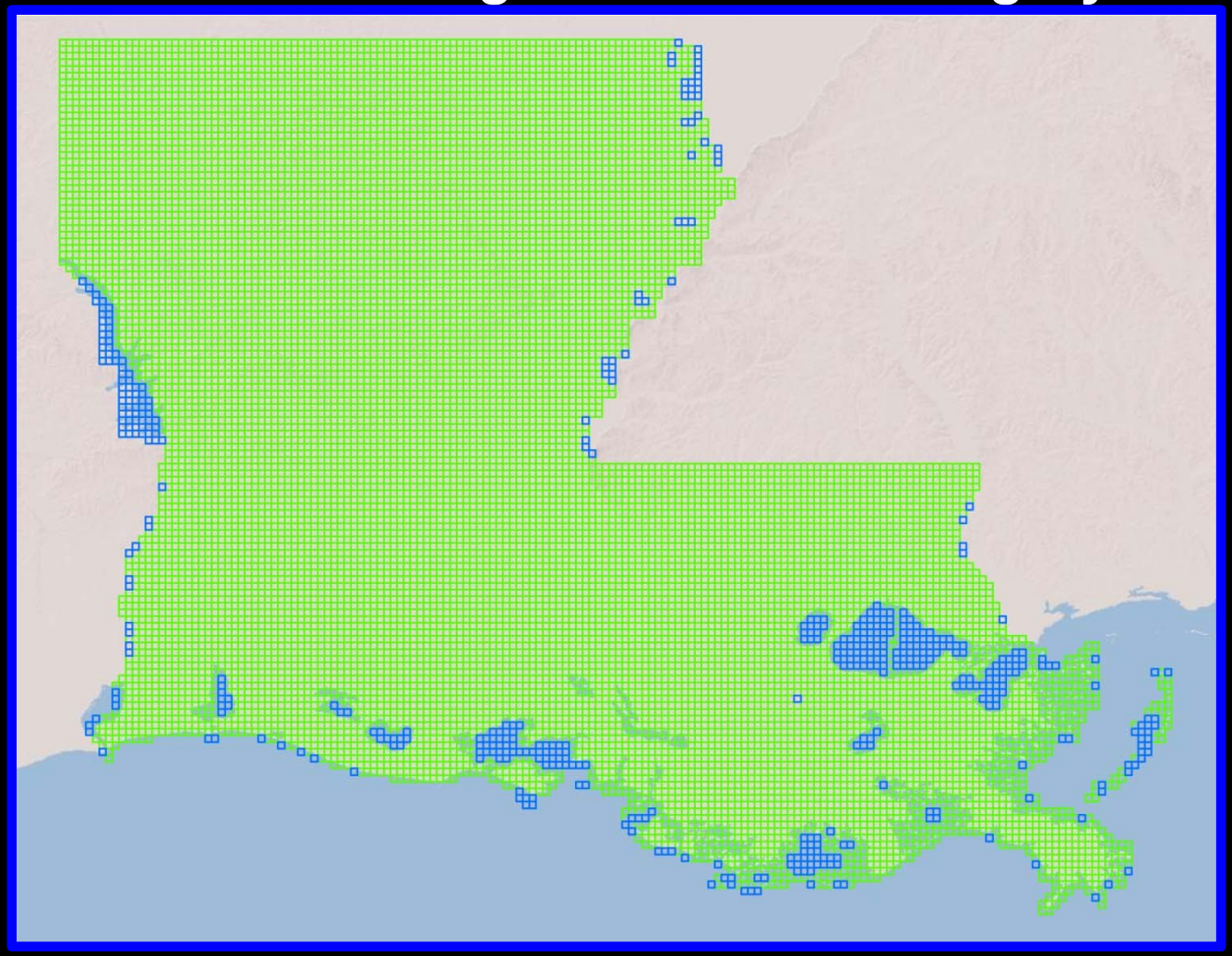
Data Collection

- **Hydrology (DEQ and DOTD) – 2nd Priority**
- **Hypsography (DOTD)**
- **Transportation (DOTD)**
- **Political and Administrative Boundaries (DOTD and Local Agencies)**
- **Significant Man-Made Structures (GOHSEP) – 1st Priority**
- **Public Land Survey System Grid (Assessors)**
- **Geographic Names Index System (LAGIC)**

Summary of the Grant Proposal

Activity	Costs
Imagery Acquisition (45,843 square miles at $130 per square mile)	$5,959,590
Data Analysis / Processing / Correction	$2,968,510
Hardware Acquisitions	$371,900
Project Support / Management	$200,000
Total	$9,500,000

Phase I – High Resolution Imagery



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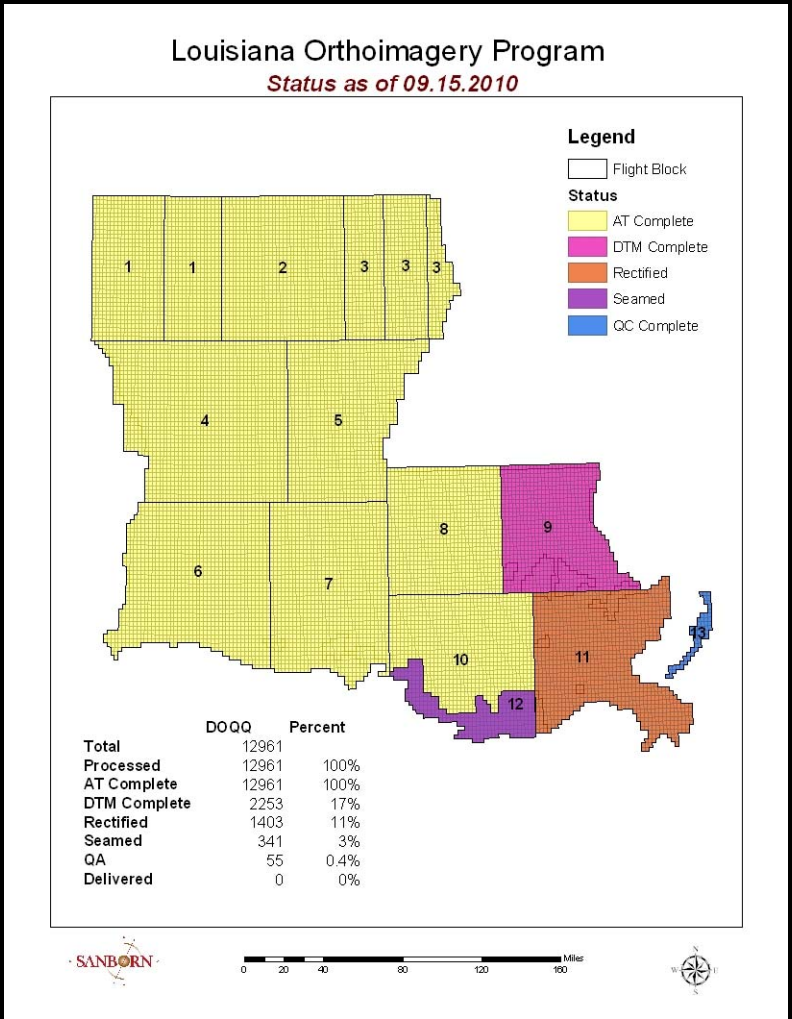
Phase I – High Resolution Imagery – Current Status

Statewide	Forecast Finish	% Complete
Acquisition Preparation	**2/9/10A**	**100%**
Digital Imagery Acquisition	**4/27/10A**	**100%**
Image Processing & AGPS	**5/14/10A**	**100%**
Ground Control Phase	**4/23/10A**	**100%**
Aerotriangulation Phase (AT)	**8/11/10A**	**100%**
DEM/DTM Update Phase	*10/16/10*	**25%**
Pilot Phase	**7/24/10A**	**100%**
Ortho Production Phase	*01/15/11*	**12%**
Deliverable Phase	*01/30/11*	**2%**
Review & Acceptance Phase	*2/28/11*	**1%**

Phase I – High Resolution Imagery



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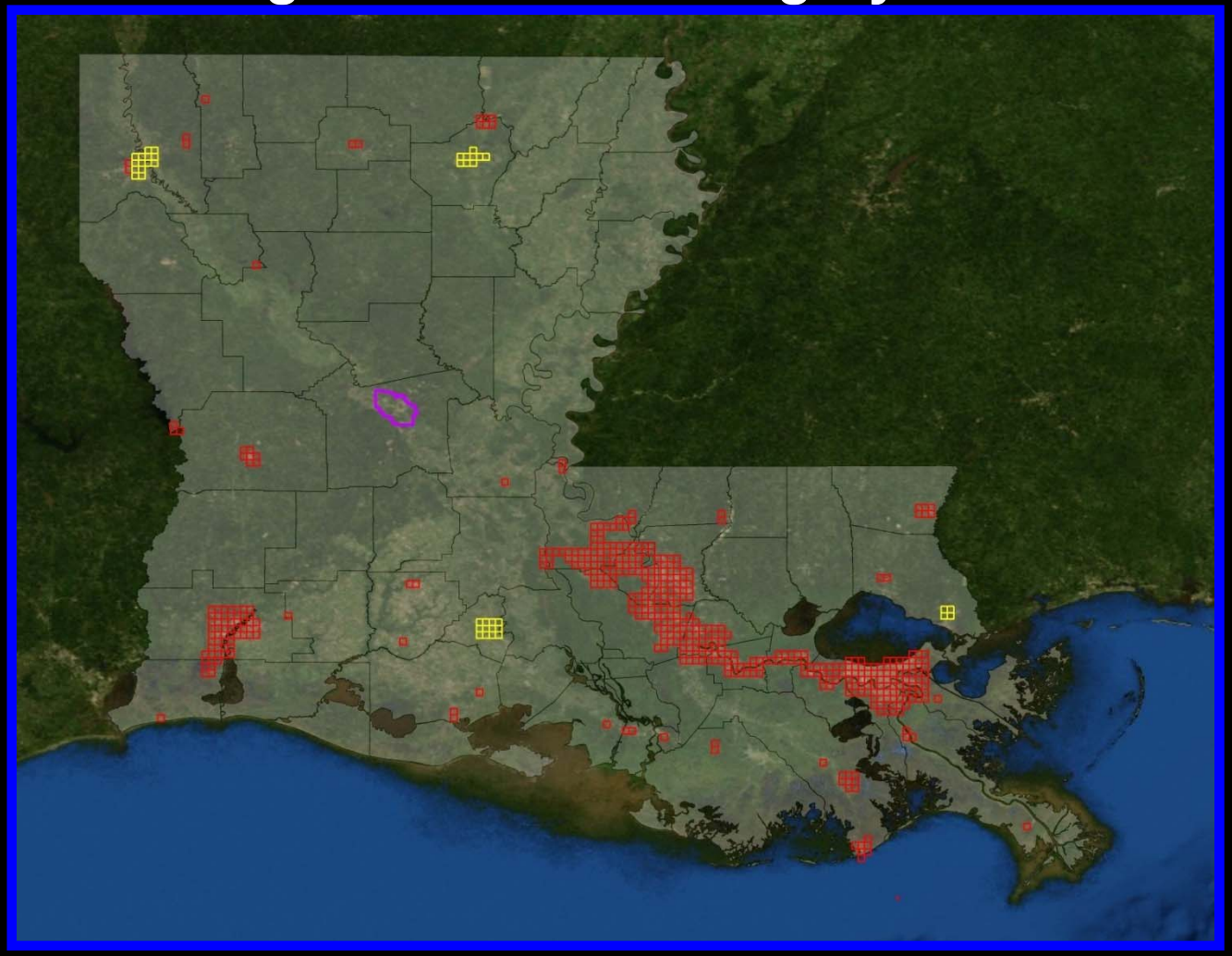
Phase I – High Resolution Imagery / 3" Inch Flight



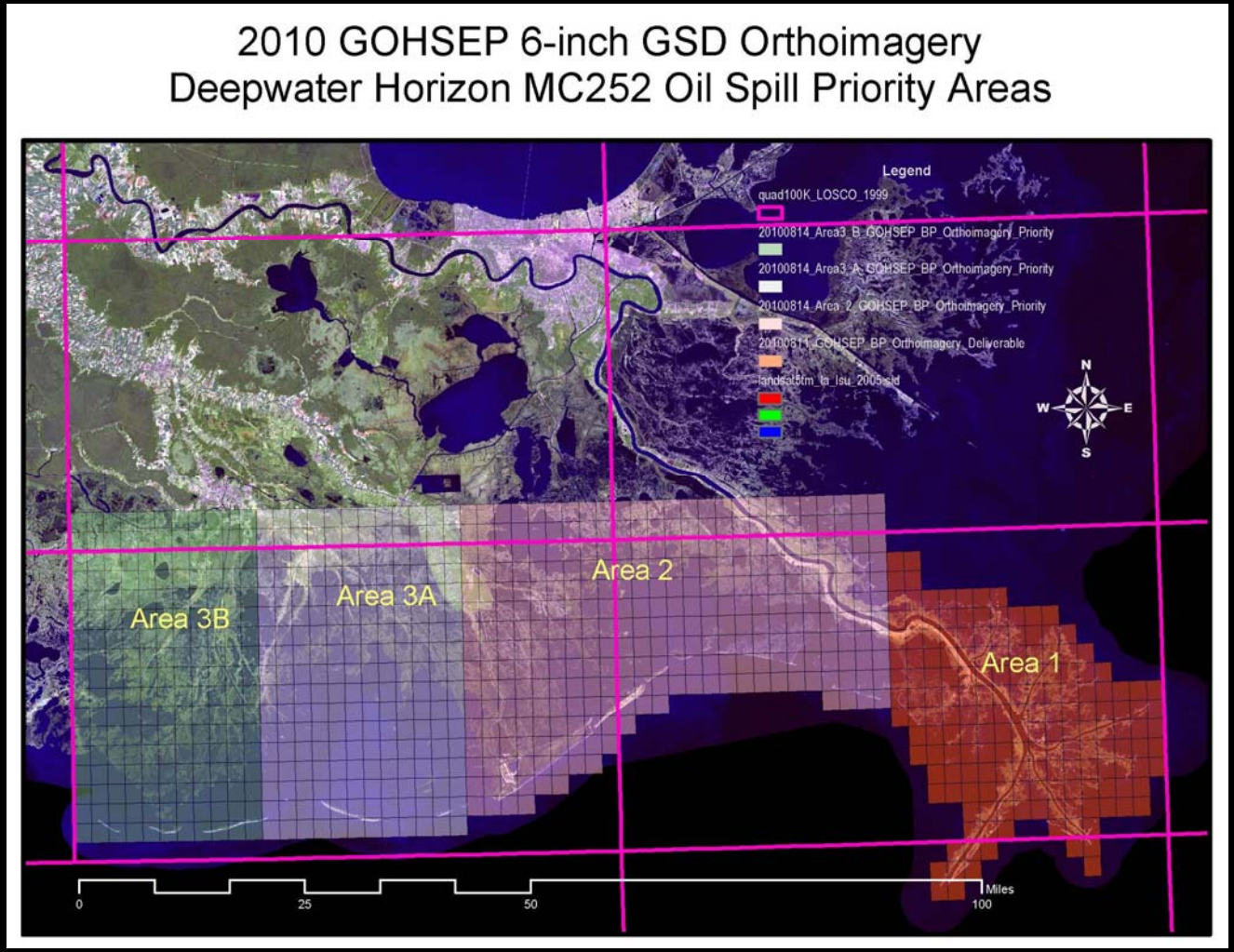
Hazard Mitigation Geospatial Project

Phase I – High Resolution Imagery

Statewide Imagery

- LSU is being utilized to assist with image rectification
- Approximately 25 Terabyte
- GOHSEP has added 196 TB to our storage array for a total of 293 TB
- Imagery will be available as a mapping service
- Imagery will be available through a secure FTP site
  - State and local agencies can register for access
  - Imagery will be available by parish

Phase I – High Resolution Imagery / BP Support



Hazard Mitigation Geospatial Project

Phase III– Data Collection

Pilot Program

- **Focus on GOHSEP's Homeland Security Region 5**
- **Have Completed the Collection Process for Beauregard and Cameron**
- **Collection effort is focused on 14 Homeland Security Sectors**

Agriculture	Banking and Finance	Chemical and Hazmat	Commercial Facility	Dams and Flood Control
Defense Industrial Base	Energy	Government Facilities	Postal and Shipping	Public Health
Telecom	Water	Schools	Cultural	

Phase II – Data Collection

Pilot Program

- **Features and Attributes are based on the DHS Homeland Security Geospatial Guidelines**

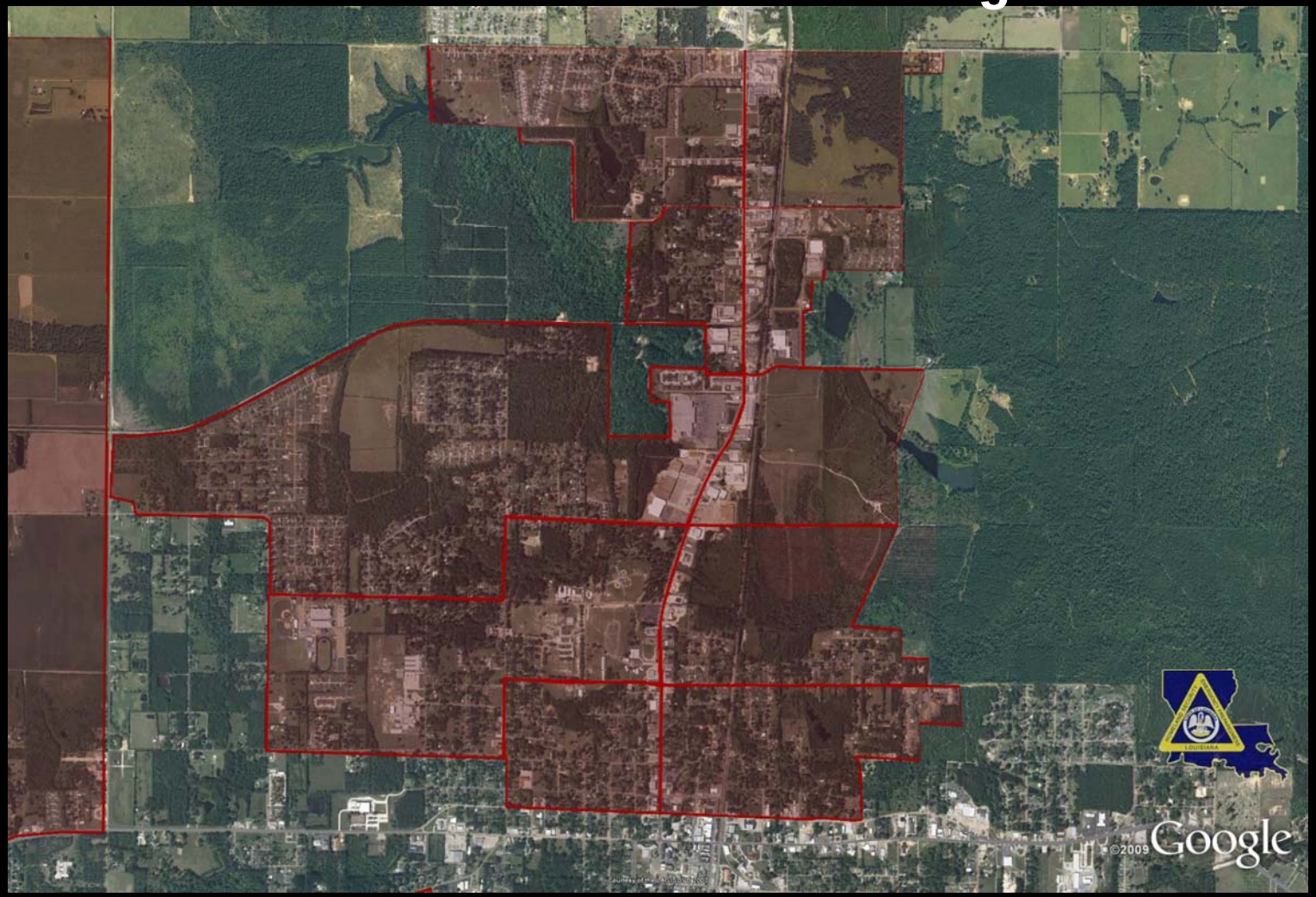
Energy	Power Plant
	Electricity Distribution
	Fossil Fuel Supply
	Fuel Distribution
	Fuel Storage
	Fuel Processing

Defense Industrial Base	Law Enforcement
	Prison / Correctional Facility
	EOC
	Emergency Shelter
	EMS
	Fire & SAR

Phase II – Data Collection / Beauregard Pilot

Hazard Mitigation Geospatial Project

Phase II – Data Collection / Beauregard Pilot



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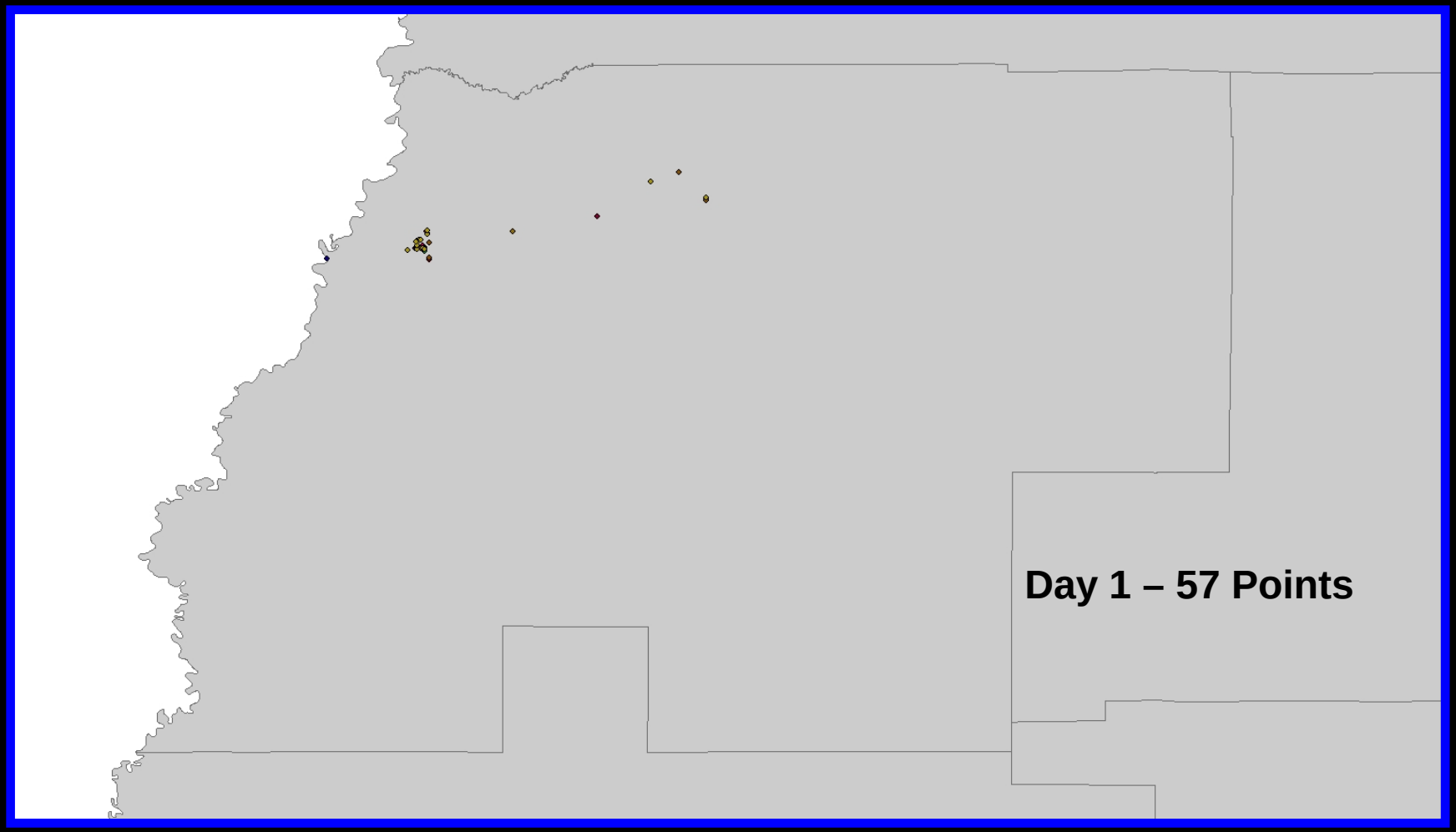
Phase II – Data Collection / Beauregard Pilot



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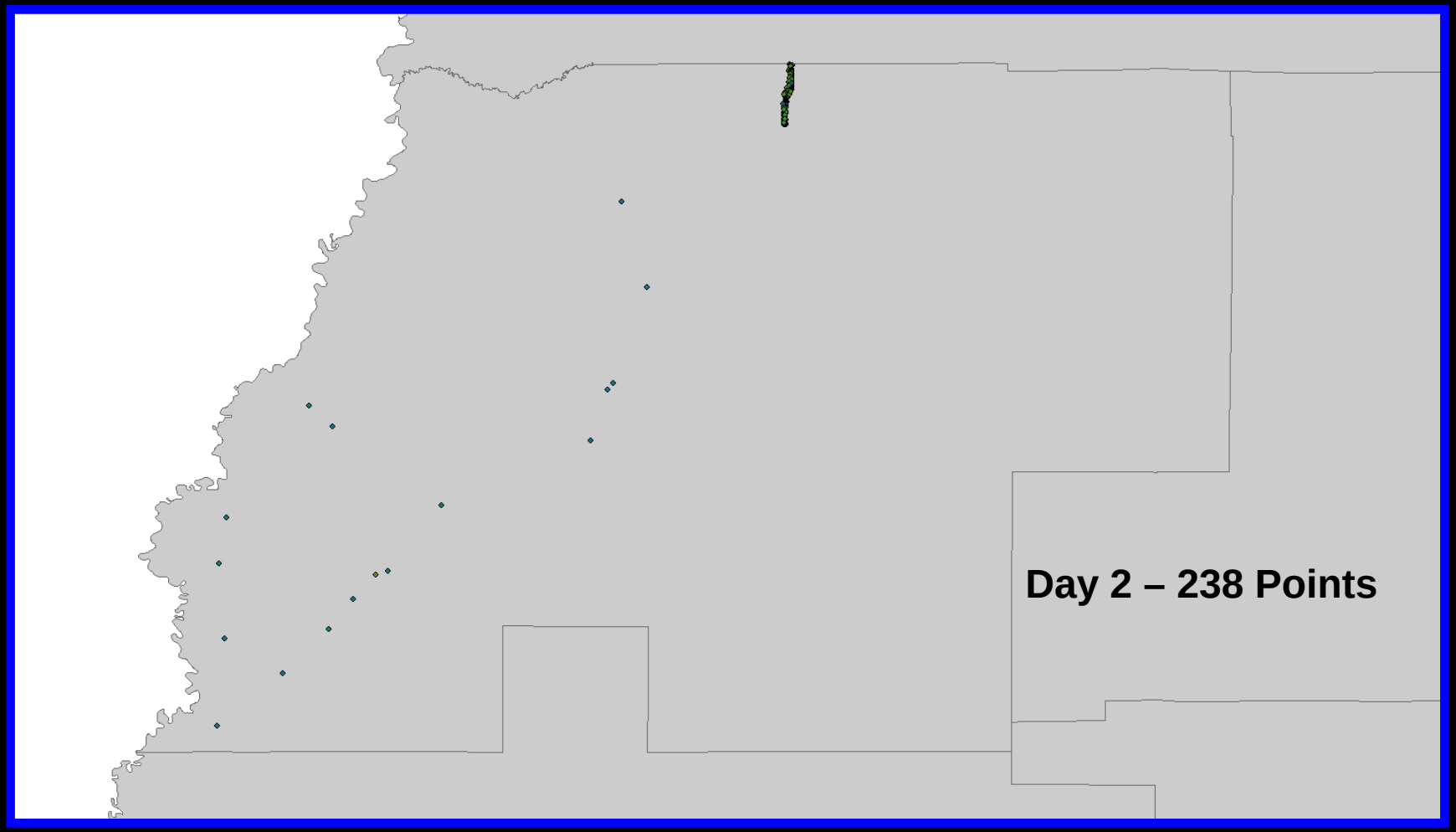

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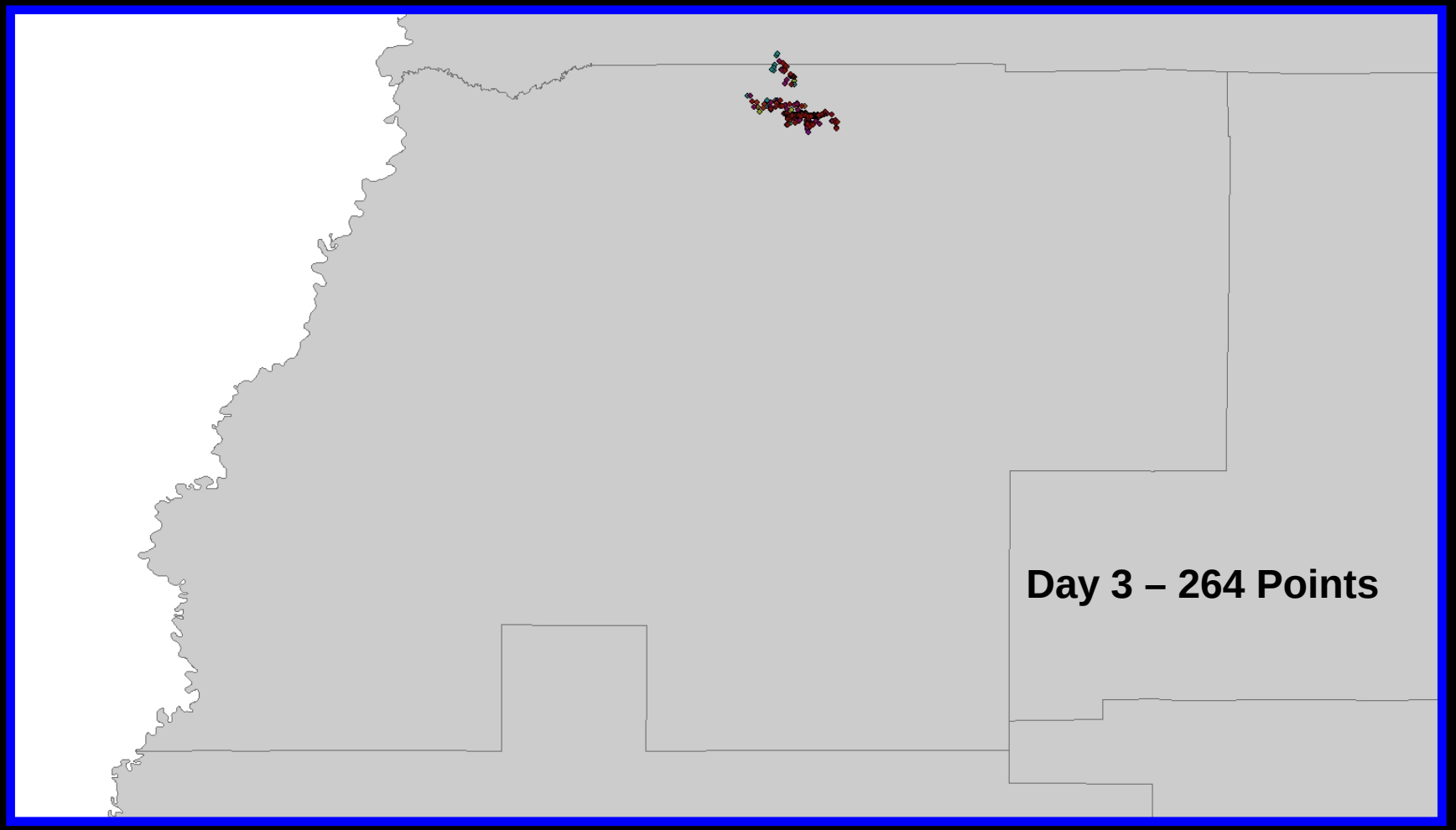

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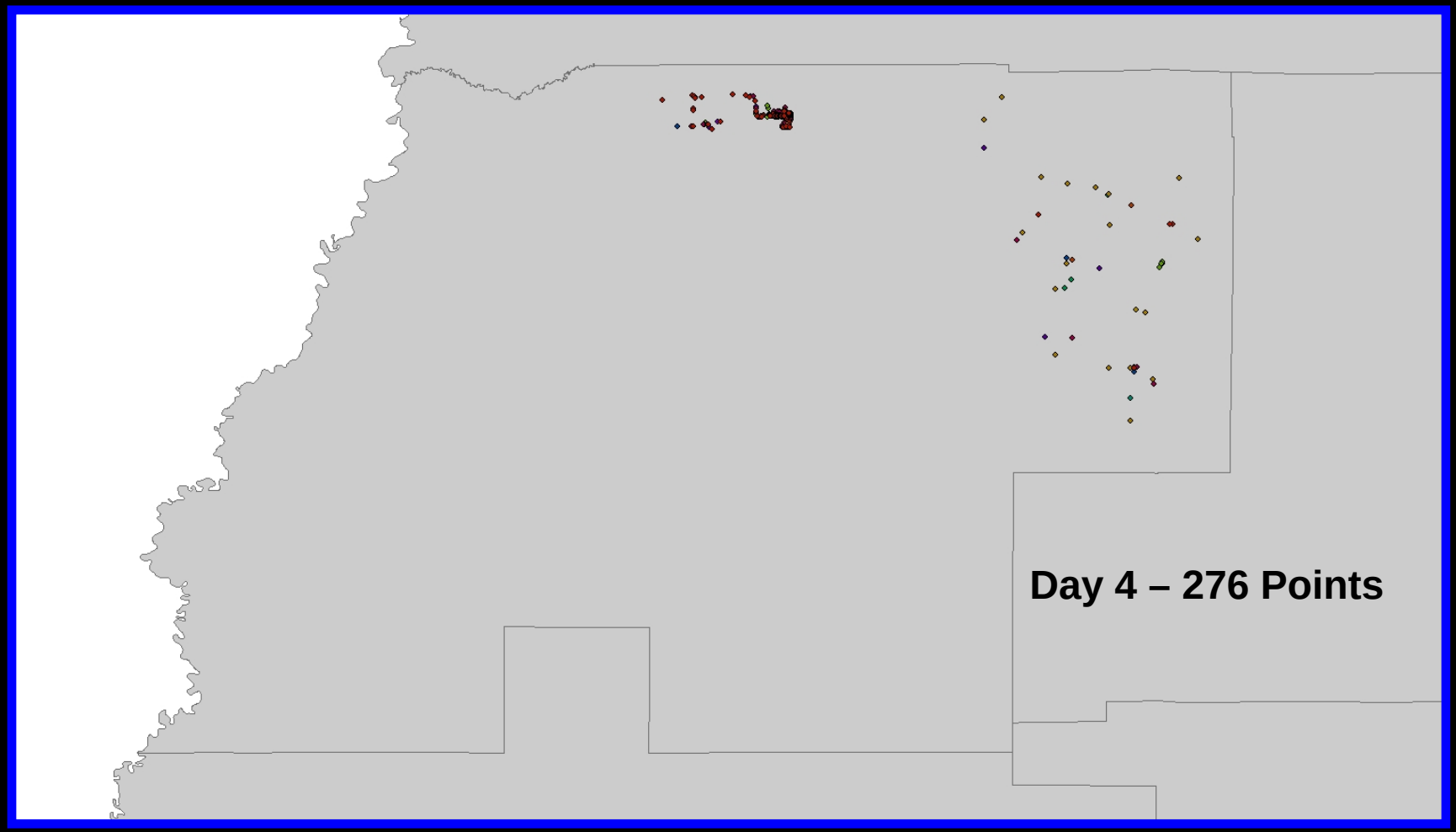
Phase II – Data Collection / Beauregard Pilot



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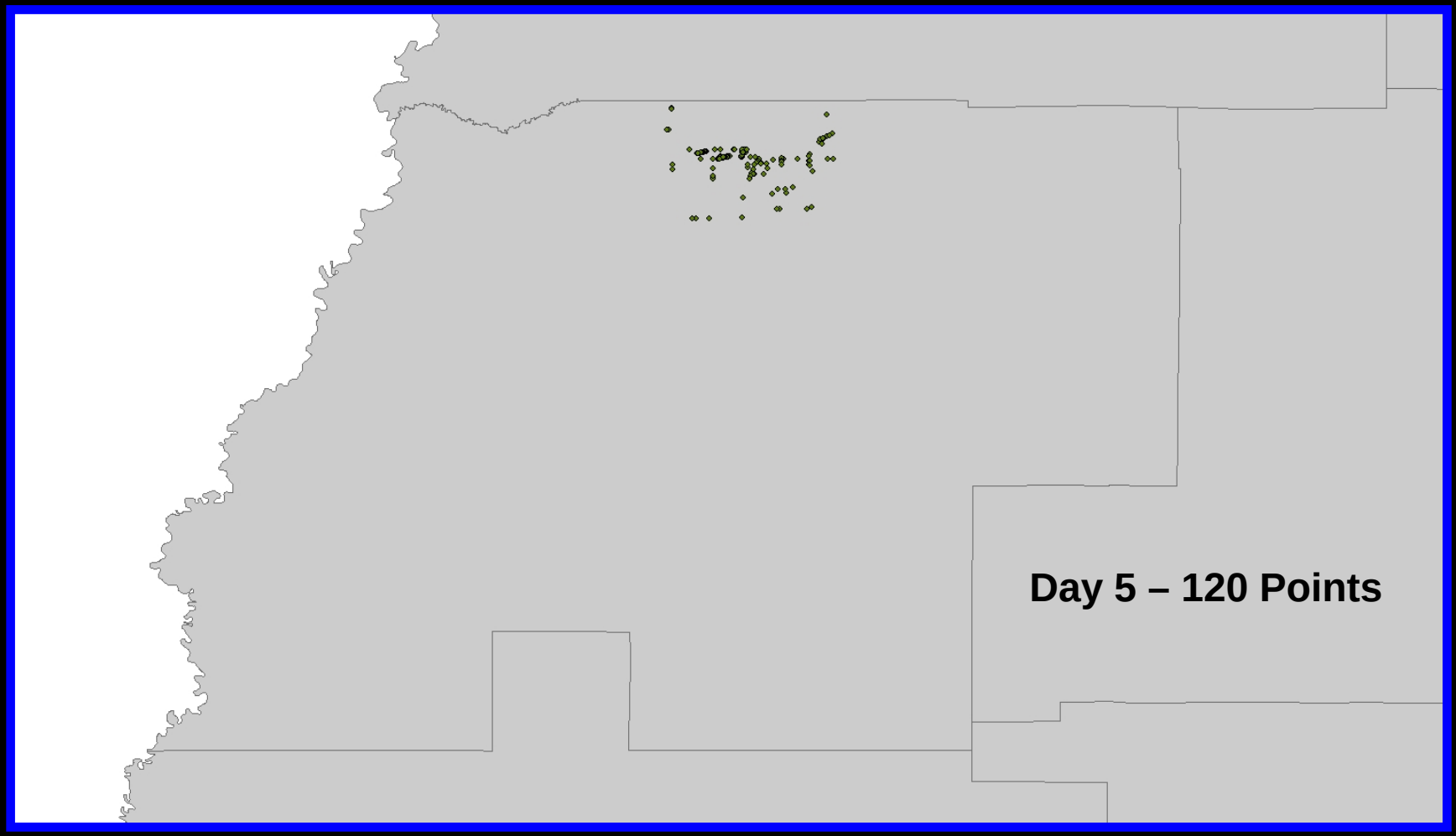

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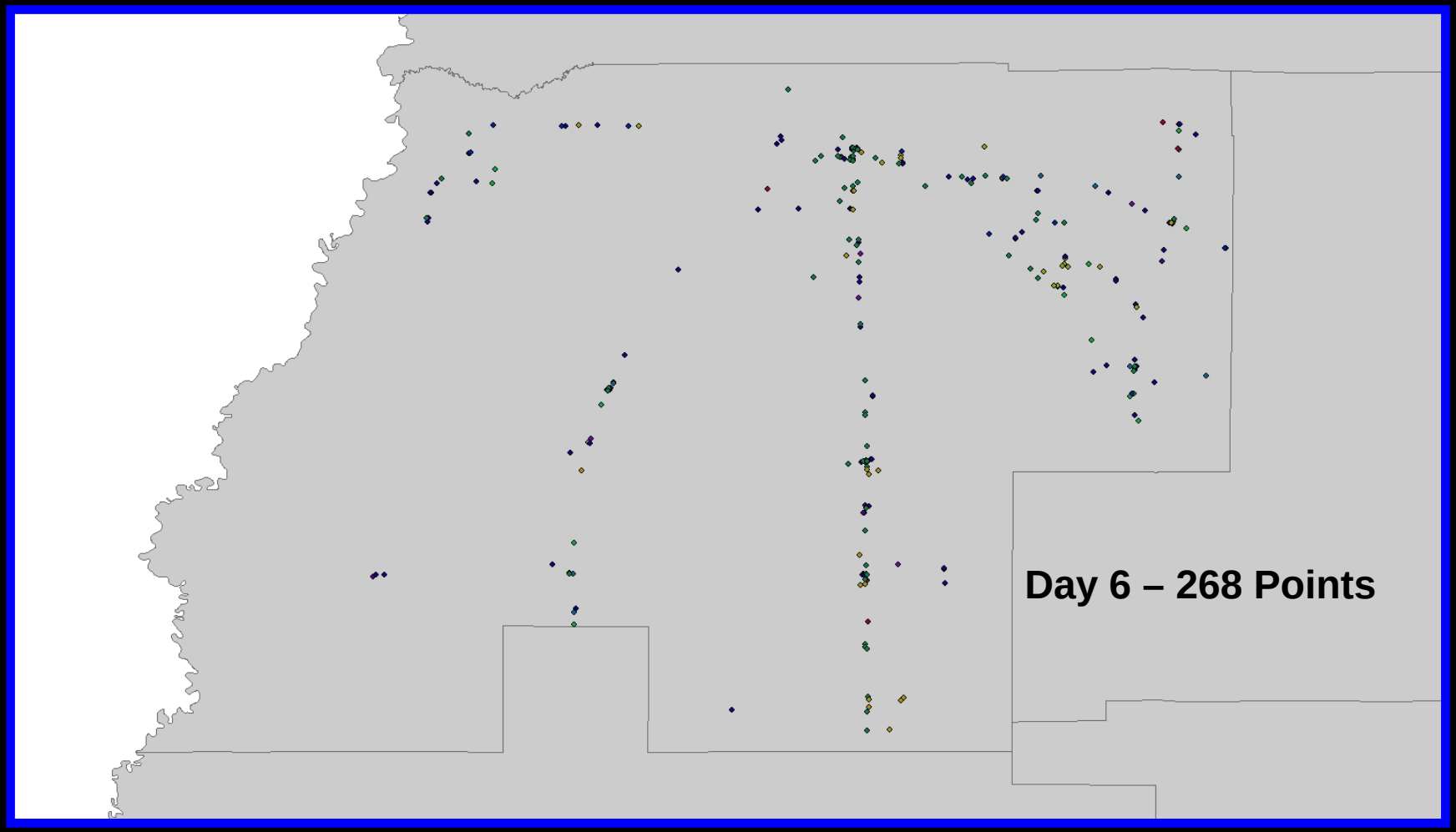

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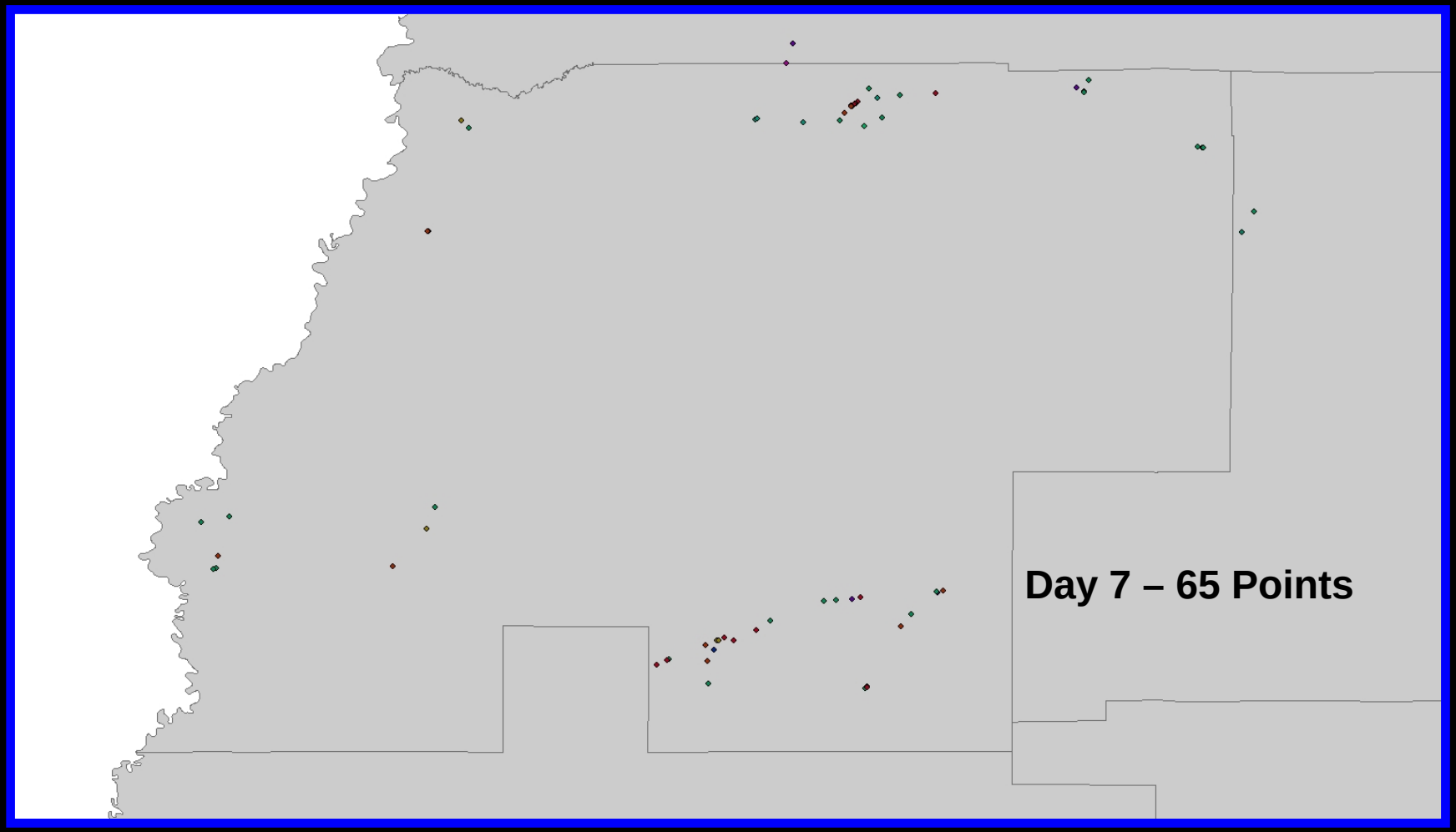

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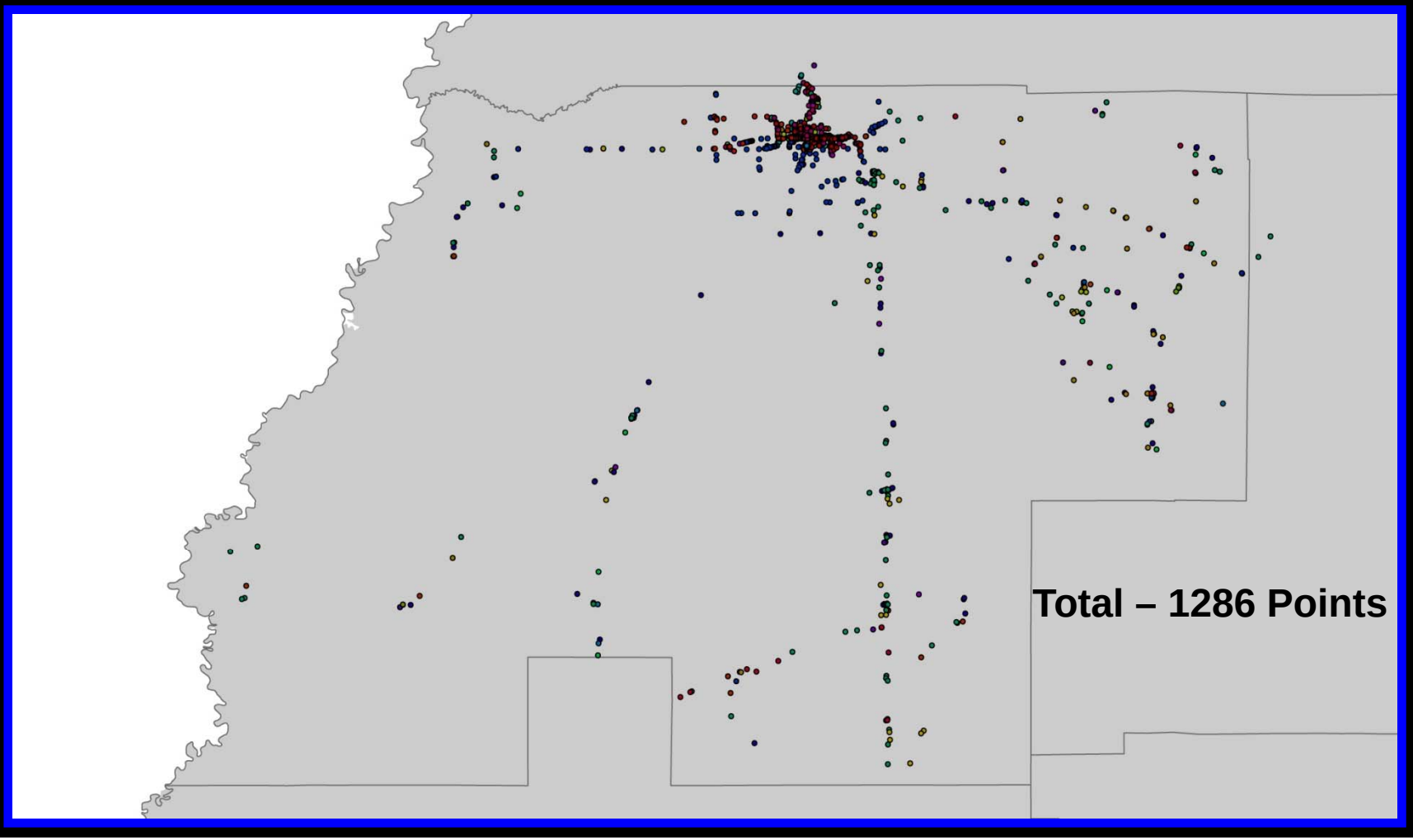

Hazard Mitigation Geospatial Project

Phase II – Data Collection / Beauregard Pilot

Sector	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day7	Totals
Agriculture		2			4	10	1	17
Commercial	27	112	136	114	54	80	16	539
Cultural	9	6	40	19	10	74	28	186
Dining		24						24
Education	1	1	7	7	2	7	1	26
Emergency	4	17	3	22		10	5	61
Energy		5	24	13	5	12	2	61
Financial	1	33	7	9	1			51
Governement	1		1	14	6	10	2	34
Hazardous	1		2	5	11	25		44
Misc				2		11	4	17
Municipal		2						2
Municipal2		6		7	3			16
Pharmacy		3						3
Postal	1		1			2		2
Public Health	2	16	7	38	5	1		69
Public Recreation	6	4	12	13	9			44
Signs		2						2
Telecom		3	6	3	1	18	5	36
Vulnerable	3	2	13	6	9			33
Water	1		5	4		8	1	19
	57	238	264	276	120	268	65	1286

Phase II – Data Collection / Beauregard Pilot

Mapping Beauregard Parish

Representatives from the Louisiana Governor's Office of Homeland Security and Emergency Preparedness were in DeRidder all week gathering data and images for an internet program to assist with preparing for any future disasters. Pictured from left are GOHSEP representative Lindi Criswell, Beauregard Parish OHSEP director Ken Harlow and GOHSEP representative Travis Johns.

By LINDA BARRON
lbarronbdn@gmail.com

Who are those people with the strange looking yellow gadgets on poles who have been taking pictures around town and what are they doing in DeRidder?

They are representatives from the [Louisiana] Governor's Office of Homeland Security and Emergency Preparedness and they are documenting various locations throughout Beauregard Parish for an online global imaging program.

Ken Harlow, director of Beauregard Parish Sheriff's Office Division of Homeland Security and Emergency Preparedness, said a team of people from the state OHSEP have been in DeRidder since Monday to gather information and document photographs of different places around the parish that will help speed up the process in the event of a disaster.

Harlow said they are collecting data for mapping which will help in several different departments in the parish other than OHSEP as well.

Brant Mitchell, Deputy Director of the GOHSEP Management, Finance and Interoperability, said the agency received a Haz-Mat grant which is earmarked to fund the collecting of special data and they are using Beauregard Parish as a model.

"We will be collecting data on specific facilities throughout the state," Mitchell said. "using special equipment that takes high resolution images and a laser range finder to document various points around the parish."

Mitchell said he and his team

See OHSEP | Page 13

Hazard Mitigation Geospatial Project

Beauregard Parish Pilot Program

- Spent a week in Beauregard Parish to collect Data
- Collect data from the Parish and the field
- Digitized existing data
- Will process data over the next 15 to 30 days
- Provide all data collected in Virtual Louisiana and in ArcMAP Shapefiles

Hazard Mitigation Geospatial Project

Collection Methodology

- 4 Field Teams / 1 GIS Team
- Utilize Trimble Yuma Devices
- Have spatial accuracy of 2 to 4 inches
- Augmented with laser range finders
- Each Point will be photographed with the Yuma and/or GPS Cameras
- iPix 360 Degree Cameras

Hazard Mitigation Geospatial Project

Phase II – Data Collection

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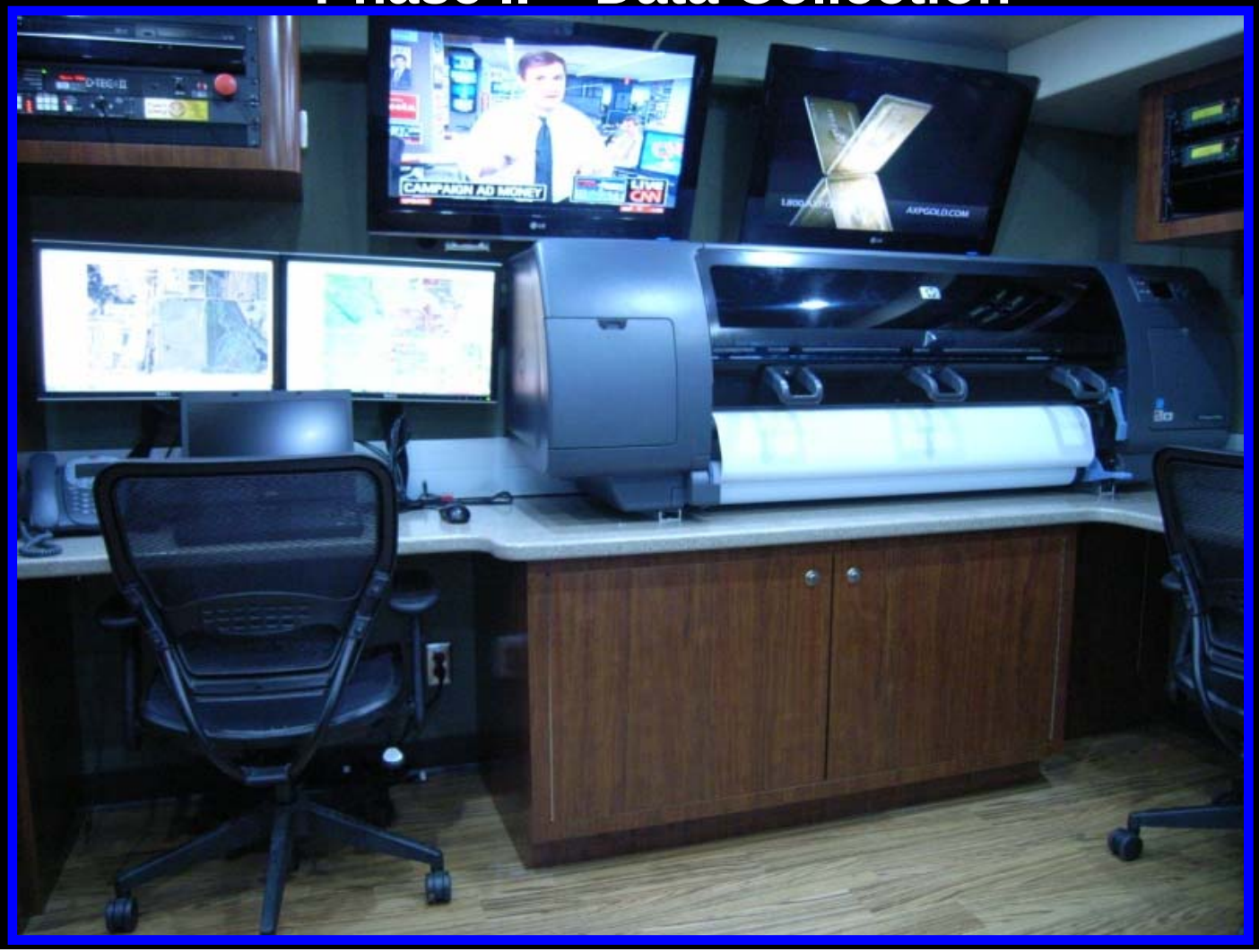

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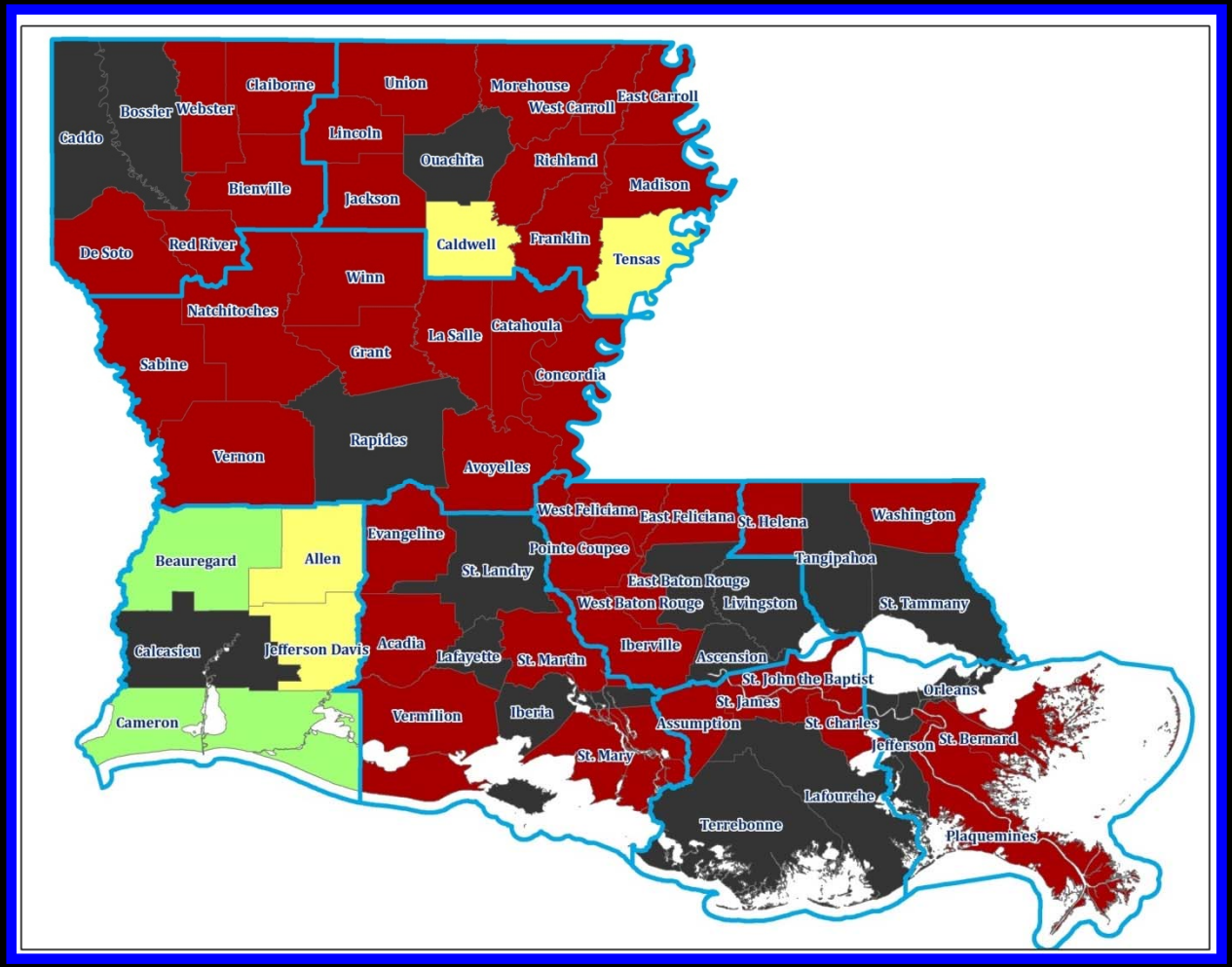
Phase II – Data Collection



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Questions?