

Planning in the State EOC Environment: An Overview

Jessica Frye, GIS Coordinator

Brad Moeller, Mitigation Planner



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"



State EOC Organization

Policy
MG Tafanelli
Angee Morgan

SEOC Manager
Jonathan York

Response Actions Section
Devan Tucking

- Infrastructure Branch
- Human Services Branch
- Emergency Services Branch

Responsible for:

- ❖ Coordinating response actions
- ❖ Providing planning section status reports
- ❖ Process IMT, KMA, EMAC

Logistics Section
Rikki Stewart
Jake Gray

- Support Unit (Supply, Facilities)
- Services Unit (Communications, IT)

Responsible for:

- ❖ Assign mission tasking numbers
- ❖ Validate mission requests
- ❖ Disseminate approved missions
- ❖ Attain resources where available

Planning Section
Brandt Haehn
Nancy Lamb

- Situation Unit (GIS)
- Documentation Unit (Sit Rep)
- Advanced Plans
- Technical Specialists
- Status Display Unit (COP)

Responsible for:

- ❖ Collection, evaluation, dissemination of data and info
- ❖ Develop IAP, SitReps, Status Displays

Admin/Finance Section
Jason VanFleet

- Time Unit
- Procurement Unit
- Cost Unit
- Compensation/Claims Unit

Responsible for:

- ❖ Maintain actual costs of all assigned resources
- ❖ Daily recording of personnel time
- ❖ Monitor expenditures
- ❖ Contracts, rental agreements

Planning Resources: Floods

- Technical Specialists
 - Kansas Water Office
 - Lake level monitoring
 - River level monitoring
 - Dam and/or levee expertise
 - Kansas Department of Agriculture, Division of Water Resources
 - Flood Insurance Rate Maps
 - Flood Plan Management
 - Dam and/or levee expertise



Planning Resources: Floods

- Kansas Applied Remote Sensing
 - Segmented Library of Inundation Extents (dynamic flood modeling based on river gage data and elevation)
 - Image processing (actual flood extents)
- National Weather Service
 - River gage readings
 - Rainfall totals
 - Predicted rainfall amounts
 - Weather forecasts



Planning Resources: Floods

- U.S. Corps of Engineers
 - Corps Lake level monitoring
 - Dam and/or levee expertise
- U.S. Geological Survey
 - River gage
 - River gage historical readings
 - EROS (Earth Resources Observation and Science Center) imagery acquisition



Planning Section Duties

- Create and maintain the SEOC Situation Report
- Create and maintain the Common Operating Picture (COP)
- Provide state ESF partners with a daily weather report by region
- GIS data and mapping*
- Draft the Governor's Declaration
- Draft the Request for Presidential Declaration



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Example of Situation Report

REPOR
DATE
INCID

CUR
Flood

NOR
Toni
Tom

SOU
Toni
Tom

SOU

OVER

Unusu
sever
and flo

Six da
creat

Gavin
throu

This ab
survei

•
•
•
•
•
•

COUNTY INCIDENT ACTION PLAN INFORMATION

Doniphan County- Current Phase

1. Phase III is being put into effect and the IMT Team is stood up to deploy for assistance.

Leavenworth County - Current Objectives

1. Ensure safety of the public and employees through safety awareness efforts and communication by PIO.
2. Ensure public awareness of situation through PIO activities to spread the truth.
3. Implement protective measures such as sandbagging manholes, erecting barricades, etc.

Dam Output, River Peak Flows, and Levee Information

Missouri River Dam Outputs

Dam	Current Release @ cfs	Inflow@ cfs
Fort Peck (MT)	58,200	33,000
Garrison (ND)	148,000	145,000
Oahe (SD)	150,200	157,000
Big Bend (SD)	159,800	158,000





Example of COP

State EOC

SEOC Operational Priorities and

Missouri River

• S

1.

2.

3.

4.

• S

• M

• 1

• P

• R

Kansas ESF Updates

5 August 2011

- **ESF 6: Mass Care**
 - Shelter on standby
- **ESF 7: Resource Management**
- **ESF 8: Public Health & Safety**
 - Health Advisory for communities along Missouri River
 - Blue/green algae advisory/warning for Perry & Milford Lakes
- **ESF 9: Search & Rescue**

"Building sustainable emergency management capabilities throughout the State of Kansas"



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Example of Weather Report

November 7, 2011

HEAVY SNOW NORTHWEST - POSSIBLE
TORNADOES S

WINTER STORM ADVISORY

Winter Storm Warn
Tuesday night for
Cheyenne, Decatu
Wallace. Highest a
North of a line from
is 5-7 inches by th
will cause blowing
mile.

Winter Weather Ad
Midnight Tuesday
Kansas: Gove, Gr
Wichita. Total exp
Tuesday. 25-30 m
with visibilities les

FORECAST

NORTHEAST AND EAST CENTRAL KANSAS

Hazardous Weather Outlook: DAY ONE - TODAY AND TONIGHT:
AN AREA OF RAIN AND EMBEDDED THUNDERSTORMS WILL

South Central Forecast

This Afternoon: Showers and possibly a thunderstorm. High near 59. North northeast wind between 9 and 15 mph, with gusts as high as 22 mph. Chance of precipitation is 100%.

Tonight: Showers and possibly a thunderstorm. Low around 49. North wind between 12 and 15 mph becoming light. Winds could gust as high as 22 mph. Chance of precipitation is 90%.

Tuesday: Showers likely, mainly after 3pm. Mostly cloudy, with a high near 50. North northwest wind between 7 and 15 mph, with gusts as high as 22 mph. Chance of precipitation is 60%.

Tuesday Night: A 20 percent chance of showers before midnight. Mostly cloudy, then gradually becoming mostly clear, with a low around 33. North northwest wind between 11 and 16 mph, with gusts as high as 24 mph.

Wednesday: Sunny, with a high near 53. North northwest wind between 10 and 13 mph.

Wednesday Night: Mostly clear, with a low around 31.



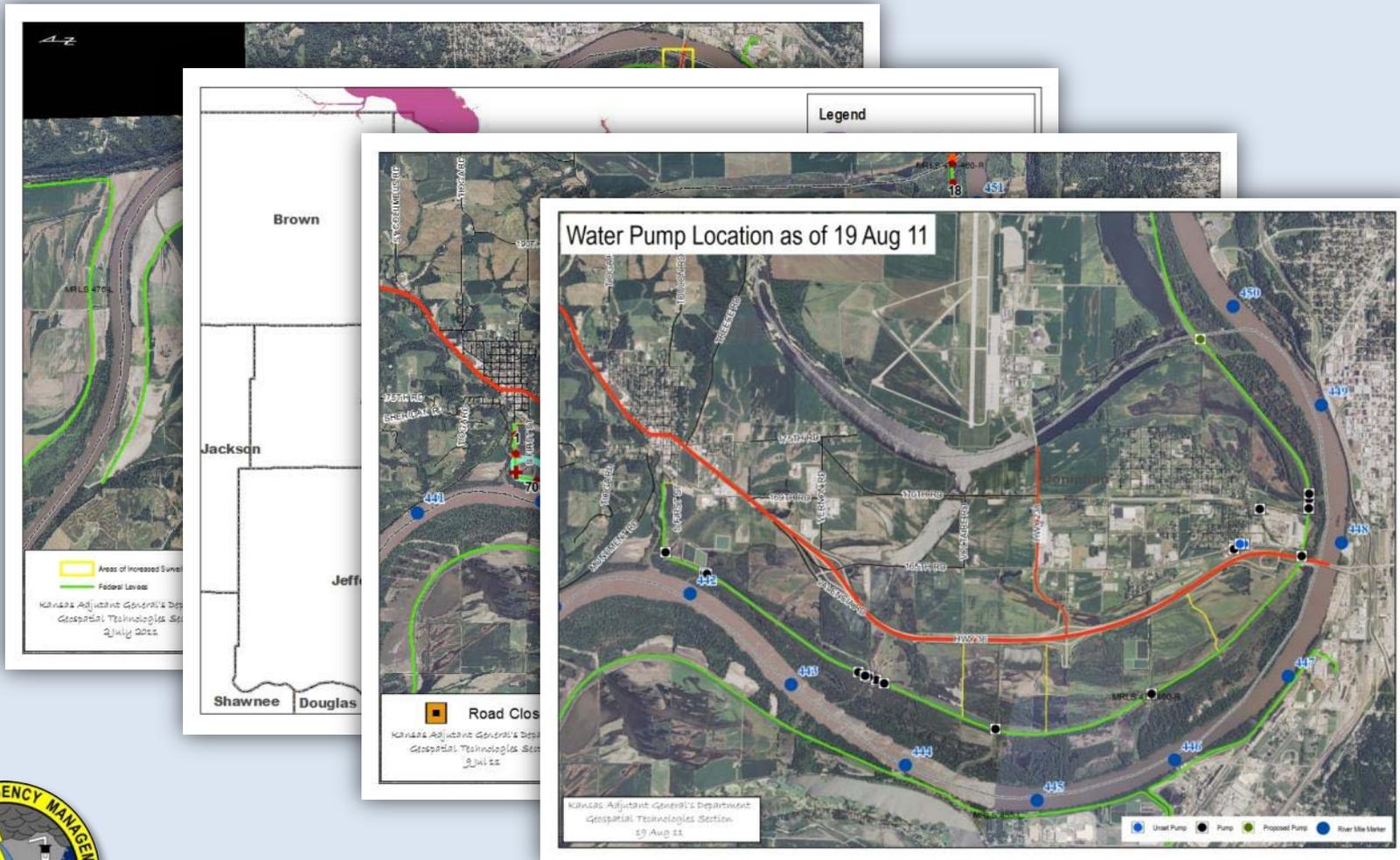
GIS Section Duties

- Create disaster related maps
 - Power outages
 - Damaged infrastructure
 - Flood extents
 - Resource locations
- Manage and maintain the Kansas-MAP application
- Request imagery from the EROS Data Center, as required



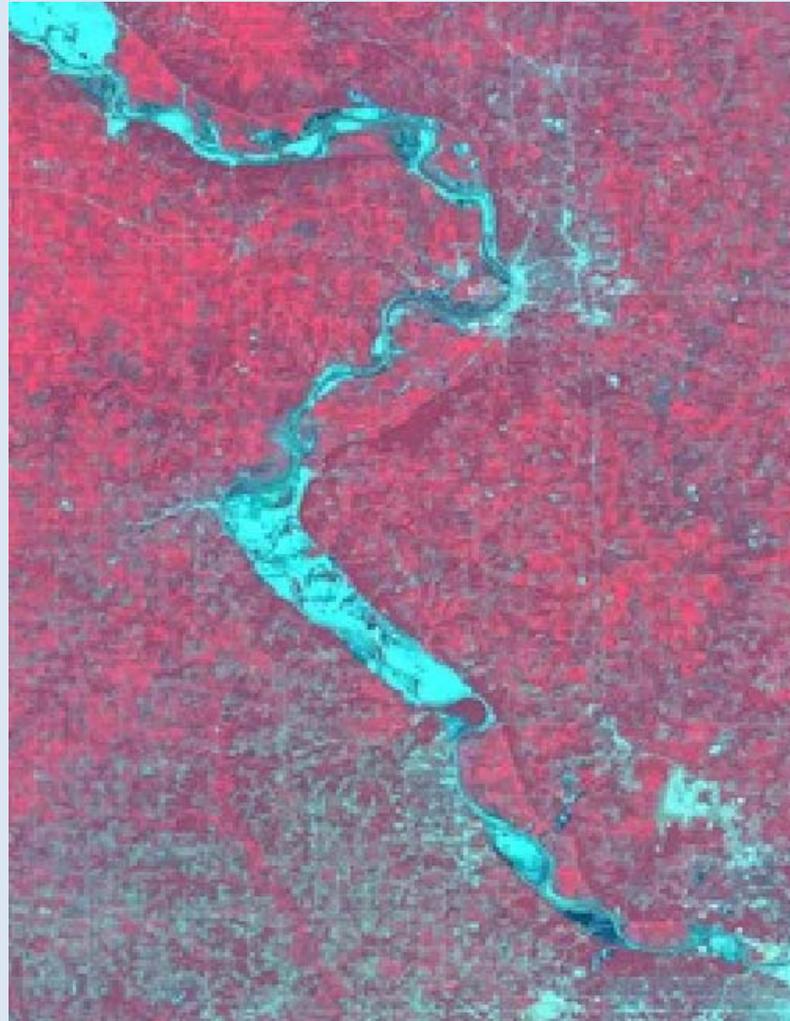
"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Example of Maps



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Example of EROS Imagery



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"