

# ***FLOOD PREPAREDNESS WORKSHOP***

***PL 84-99***

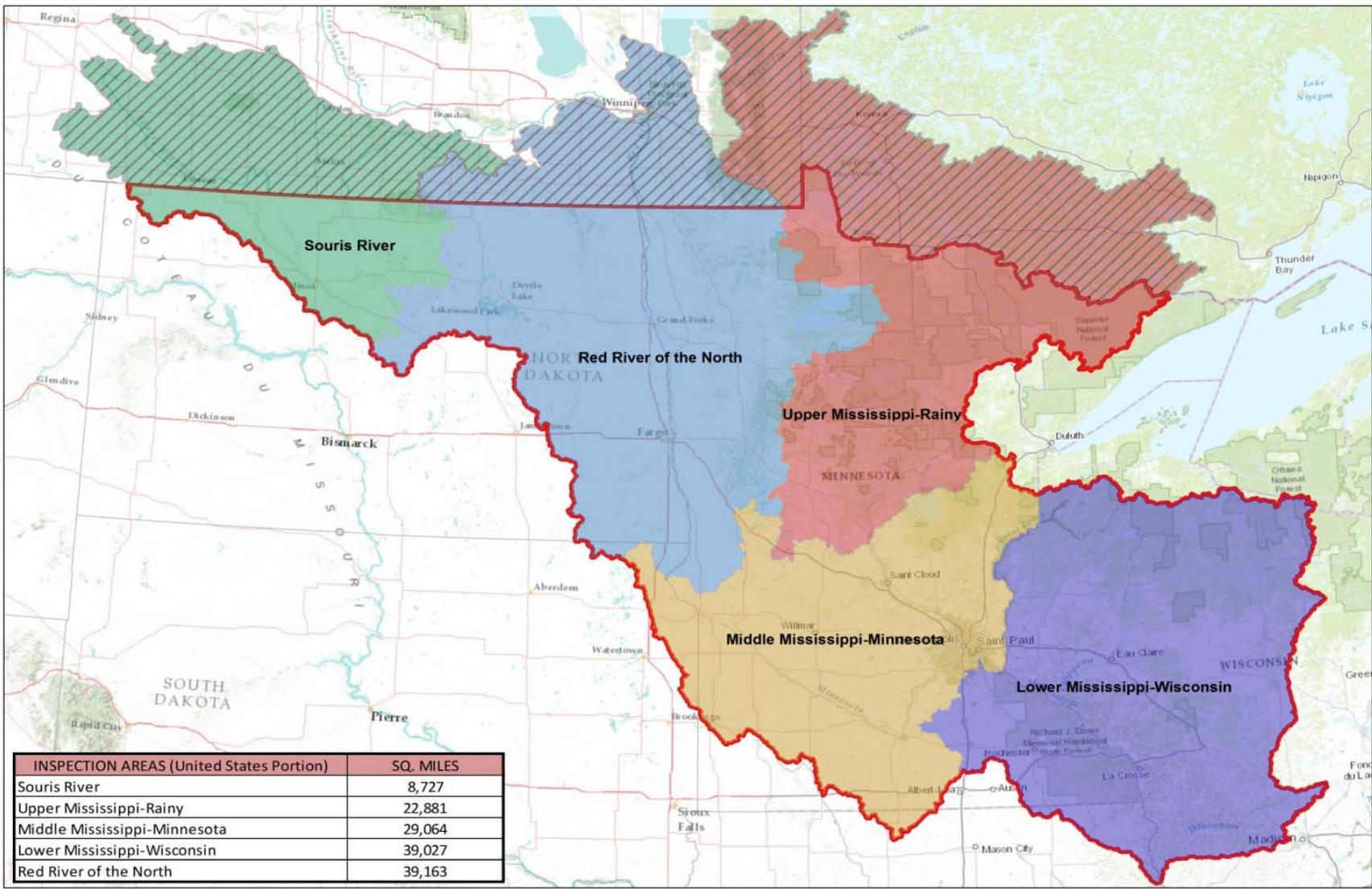


US Army Corps of Engineers  
**BUILDING STRONG**

# Objectives

- Provide a clear understanding of the assistance you can expect from the Corps of Engineers and process for requesting that assistance.
- Define local responsibilities and expectations.
- Provide valuable tools and tactics to help you prepare for and respond to flood emergencies.





INSPECTION AREAS (United States Portion)	SQ. MILES
Souris River	8,727
Upper Mississippi-Rainy	22,881
Middle Mississippi-Minnesota	29,064
Lower Mississippi-Wisconsin	39,027
Red River of the North	39,163

**St. Paul District - Flood Inspection Areas**

Base Image: ESRI Topographic



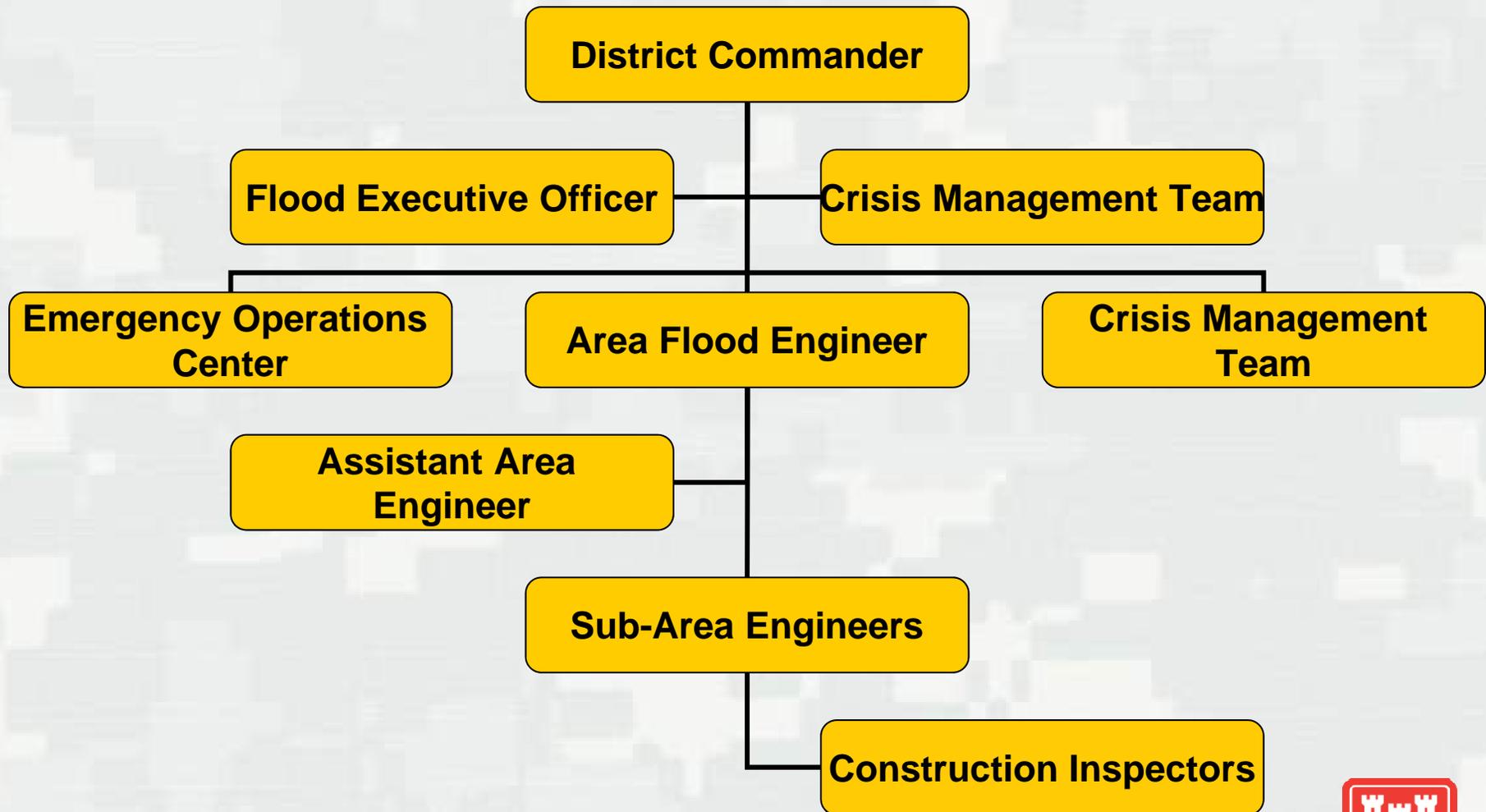
 St. Paul District Boundary



 **St. Paul District**  
GIS CENTER  
US Army Corps  
of Engineers

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# Flood Response Organization



# Public Law 84-99

- USACE Authority to Prepare For and Respond to Floods and Emergencies
  - Disaster Preparedness
  - Emergency Operations
  - Advance Measures
  - Rehabilitation and Inspection Program
  - Emergency Water Assistance
  - Hazard Mitigation



# Preparedness

- Majority of time dedicated to preparedness.
  - State/Community Workshops
  - Flood Engineer Training
  - EOC Exercise
  - Sandbag/Pump/Poly Inventory
  - Routine coordination with State and Local Officials.
  - Plans and SOP's



# Emergency Operations

- Assistance provided when flooding is occurring.
- Supplements State/Local resources.
  - Technical Assistance
  - Supplies and Equipment (sandbags, pumps, poly)
  - Emergency Construction



# Advance Measures

- Preventive work due to imminent threat of unusual flooding.
  - Same support available as Emergency Ops
  - Work must be economically justified
  - Requires completion of a Project Information Report to include economics, cost estimate and environmental considerations
  - Requires HQUSACE Approval



# Technical Assistance

- Technical assistance can take several forms:
  - Engineering Expertise: Civil, Structural, Ice, Mechanical, Electrical, Hydrology/Hydraulics.
  - Flood fight expertise: levee construction, pumping, sandbagging, etc.
  - Flood response planning support.



# Equipment and Supplies

- Sandbags, Pumps, Poly and Innovative Flood Fight Products
  - Request through EM Chain and State
  - Reimbursement of used stock
  - Locals responsible for providing sand; pump power supply, operator & maintenance; manpower.
  - Sign pump loan agreement.



# Criteria for Federal Direct Assistance

- Flooding is occurring or imminent.
  - Rivers above flood stage.
  - NWS Flood Outlook or Forecast.
- Response is beyond State and Local capabilities.
- Governor has declared an emergency & requested Federal assistance.



# Restrictions

- Supplements Local Efforts – Local Officials in charge.
- Protection of Public Property and Infrastructure Only.
  - No assistance to individuals or businesses
- All work is temporary.



# Procedure for Obtaining Federal Assistance

- Activation of Local Flood Response Plan
- Local – County – State Referral Chain
- Governor Requests Federal Assistance
  - Not required for Technical Assistance
- USACE Implements Emergency Operations and/or Advance Measures
- Establish Field Operations – locals in charge.



# Community Responsibility

- Sign Local Cooperation Agreement.
- Provide all lands, easements & rights of entry.
- Coordinate levee alignment.
- Provide borrow material.
- Traffic control during construction
- Monitoring Levees
- Removal of temporary work when flood threat recedes



# Rehab and Inspection Program

- Rehabilitation of active flood control works
  - Local sponsor request for assistance
  - Must be damaged by flood.
  - Restoration to pre-disaster level of protection
  - Must be economically justified
  - 100% Federal Cost for Federal Projects
  - 80/20% Cost Share for Non-Federal Projects



# Emergency Water Assistance

- Contaminated Water Supply
  - Provide water to a locality (30-day limit)
  - Human consumption only
  
- Drought Assistance (Designation by ASACW)
  - Transport of water at Federal expense
  - Well drilling on a reimbursable basis
  - Human consumption only
  - Applicants can be farmers, ranchers or political subdivisions.

