



US Army Corps of Engineers



FLOOD PREPAREDNESS WORKSHOP

PL 84-99

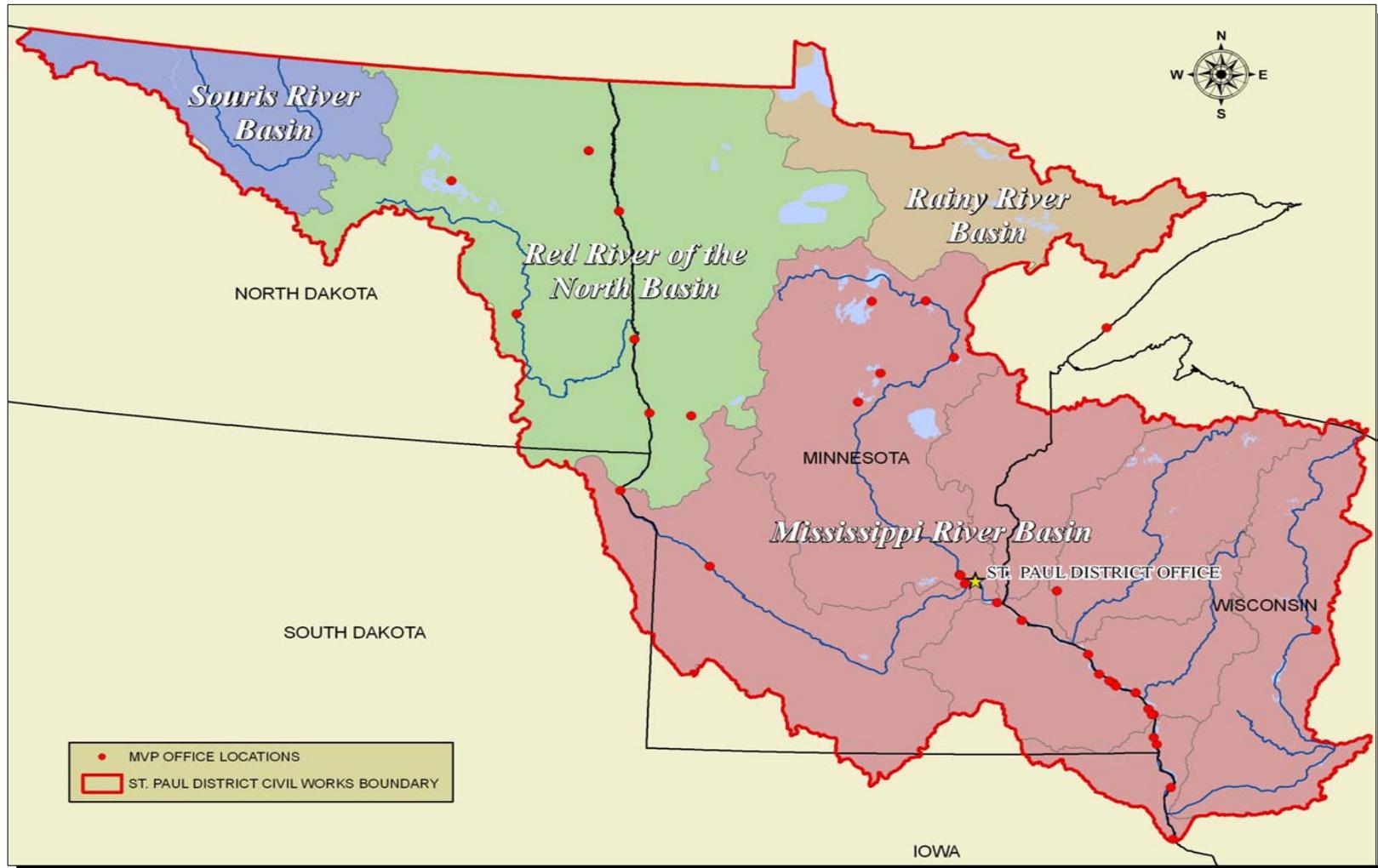


Objectives

- 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.



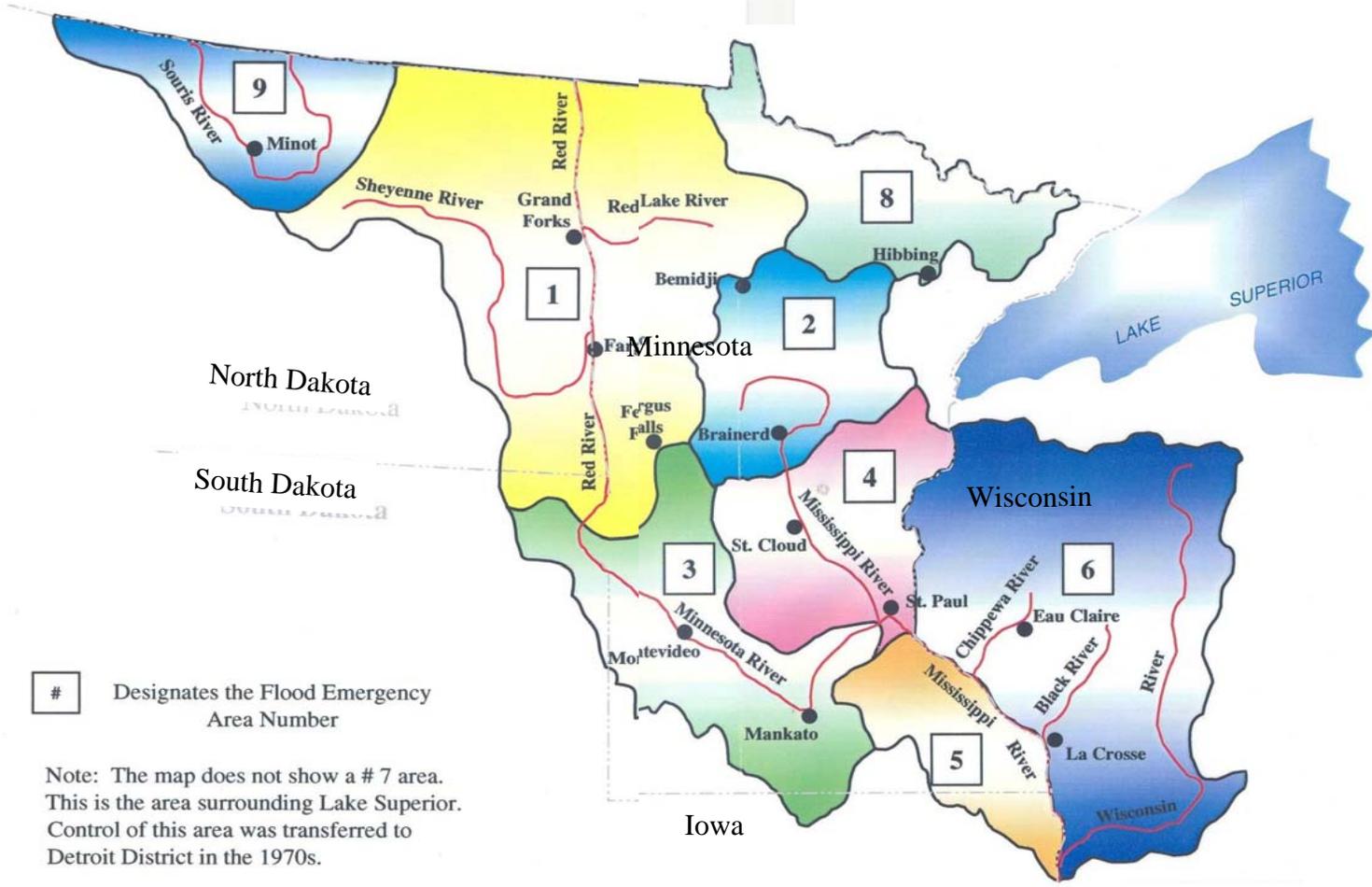
District Boundaries & River Basins





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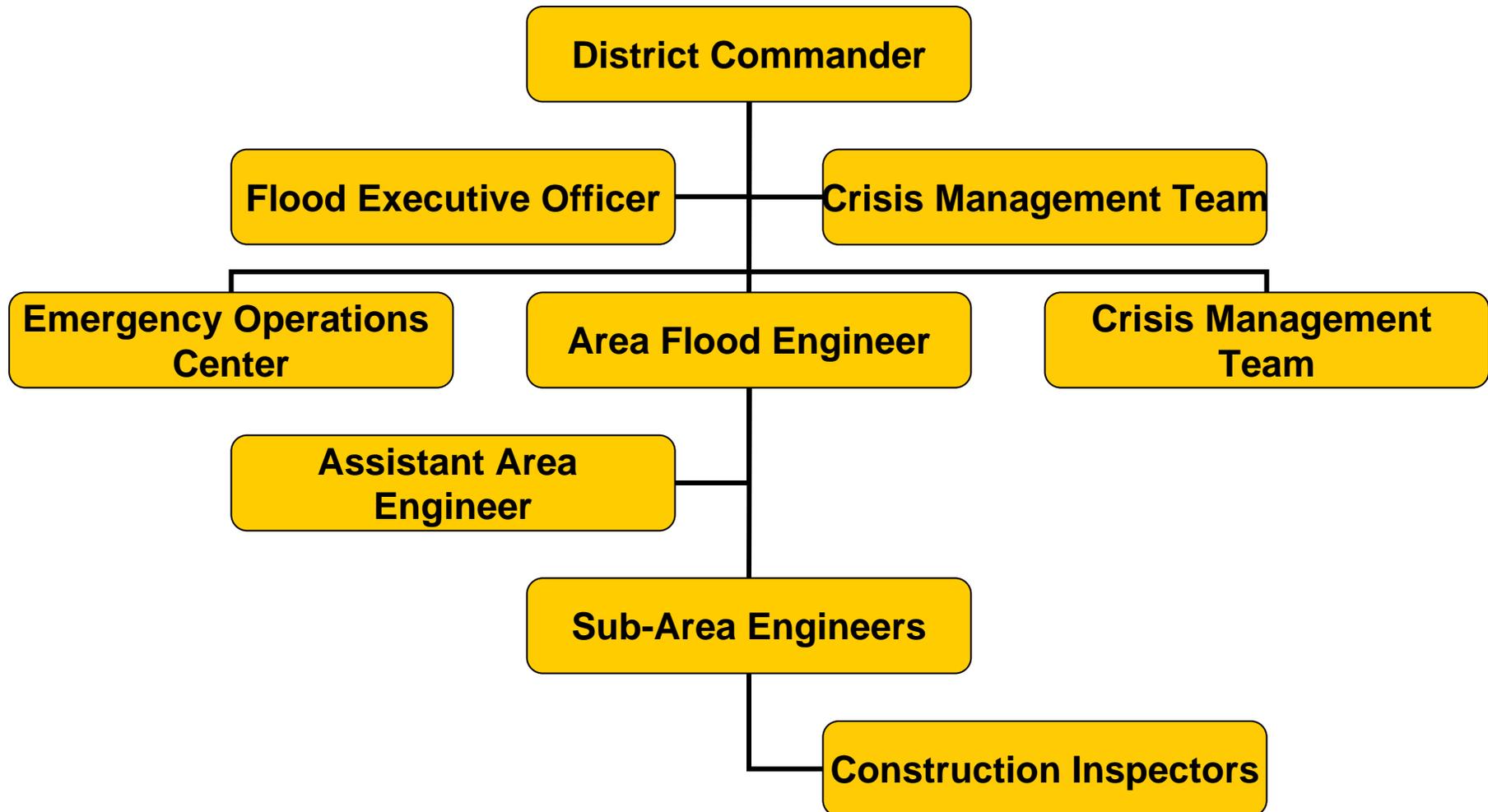
Designates the Flood Emergency Area Number

Note: The map does not show a # 7 area. This is the area surrounding Lake Superior. Control of this area was transferred to Detroit District in the 1970s.

Flood Emergency Areas
 US Army Corps of Engineers
 St. Paul District
 Date: February 2003



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.