

MISSOURI RIVER NAVIGATORS MEETING

Feb. 26, 2020
Jefferson City, Mo.

Ms. Beth Coffey, SES
Programs Director
Northwestern Division



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Missouri River Regional Activities
Navigation
Flood Recovery Efforts





NORTHWESTERN DIVISION LEADERSHIP



**Brigadier General
D. Peter Helmlinger**
Commander and
Division Engineer
Northwestern Division



**Colonel
Torrey A. DiCiro**
Deputy Commander
Northwestern Division



Beth Coffey
Director of Programs
Northwestern Division



Eric Hansen, SES
Director of Regional Business
Northwestern Division

Our Mission -
The Northwestern Division provides engineering services and stewardship of existing water resource infrastructure, conducts water resources development, military construction, environmental protection and restoration, and emergency response operations within our assigned areas of operations to serve the Army and the Nation. On order, provides Field Force Engineering services and personnel in support of contingency operations.



**Colonel
Aaron L. Dorf**
CoC – Summer 2020
Commander and
District Engineer
Portland District



**Colonel
Mark A. Gerald**
CoC – Summer 2020
Commander and
District Engineer
Seattle District



**Colonel
John L. Hudson**
CoC – Summer 2020
Commander and
District Engineer
Omaha District



**Colonel
William C. Hannan, Jr.**
CoC – Summer 2022
Commander and
District Engineer
Kansas City District



**Lieutenant Colonel
Christian N. Dietz**
CoC – Summer 2020
Commander and
District Engineer
Walla Walla District



REGIONAL ACTIVITIES



Water Management

Flood Recovery and Resiliency

Navigation

Missouri River Recovery Program (MRRP)

Missouri River Recovery Implementation Committee (MRRIC)



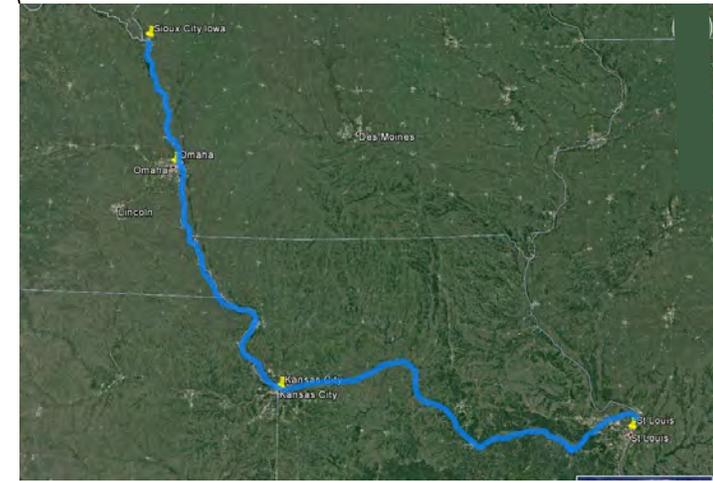


MISSOURI NAVIGATION

Corps Navigation Mission: Provide safe, reliable, efficient, effective and environmentally sustainable waterborne transportation systems for movement of national security needs, commerce, and recreation.

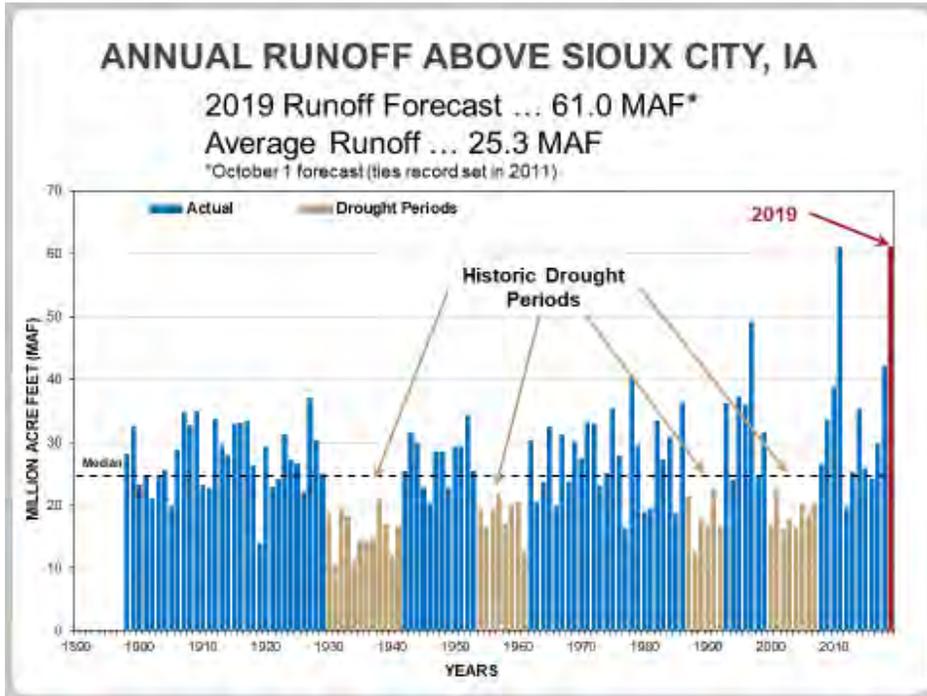


- Increasing use and Potential of the Inland Waterways – including the Missouri River - for movement of products to and from the interior
- Efforts by Navigation Organizations in national forums
- Partnerships with stakeholders to develop opportunities





2019 MISSOURI FLOODING





3 PHASES - 2019 FLOOD RESPONSE & RECOVERY



Phase I: Initial Response
OBJECTIVE:
Stop Breach Flows

- Initial Breach Closures
- Temporary Levee Construction
- Initial Damage Assessment
- Prioritization Action Plan

CURRENT STATUS

>1000 miles damaged levees
\$636M received in FCCE Funds
 211 total breaches (56 Fed/155 Non-Fed)
 83 Levee Systems Overtopped or Breached
 - Critical Breaches Closed: 16
 - Temp Measures being executed: 1 (Mill Creek)

Phase II: System Recovery
OBJECTIVE:
Rehabilitate damaged levee systems

- Full System Repair: Evaluate minor levee realignments
- Interagency Task Force
- Flood Risk Communication Efforts
- Independent review of 2019 Flood Operations

CURRENT STATUS

PIRs: Approved: **108**; Pending: **8**
Levee Projects:
 - E&D: **91** (NWO: **37**; NWK: 54)
 - Construction: **19** (NWO **12**, NWK **7**)
 - Completed: **5** (all NWO)
 Full System Repair: >\$1.16 Billion est
 Funds received/executing: **\$568 Million**

Phase III: Future Actions and Challenges
OBJECTIVE:
Long-term flood risk reduction

- Lower-Basin comprehensive flood risk management study
- Consideration of basin leadership group for long-term continuity
- Meet regional/local planning and data needs through Investigations Remaining Items

CURRENT STATUS

- Initial funding for FPMS received (\$200K)
- PAS agreements for KS/MO and IA/NE signed.
- GI FEAS funded in FY20 WP

State Challenges

- Uneconomical Repairs
- Borrow material/Real Estate
- Ineligible Federal/Non-Federal PL 84-99



FLOODING RECOVERY



1. Flooplain Management Services - Update River Engineering Models
 - Scope: Update Flow/Frequency analysis
 - Funded through Floodplain Management Services (FPMS)
 - Establishes underlying engineering models for future efforts by all in the basin
2. Planning Assistance to the States - Root Cause Analysis
 - Scope: identification and evaluation of river constriction areas as well as other problem areas
 - Funded through Planning assistance to States (PAS)
 - Identify known pinch points and problem areas
 - Leverage information and develop relationships to help facilitate better floodplain management by local, state, and Federal agencies
3. Lower Missouri River Feasibility Study
 - Scope: The lower 735 miles, from Sioux City, Iowa to the mouth of the Missouri River
 - The effort will review previous flood events and will incorporate updates to models, and evaluate the problems, opportunities, goals and objectives for the lower river.
 - Evaluate structural and nonstructural flood risk management measures to reduce flood risk, Improve life safety, increase system flood conveyance, improve system resiliency
 - Avoid impacts to Navigation and the other authorized purposes, including the Bank Stabilization and Navigation Project.



MOVING FORWARD



- The Missouri River Projects and BSNP are important pieces of the regional and national infrastructure portfolio
- Commitment to Recovery and Resilience
- Communication – Talking and Listening
- Partnerships and Relationships





THANK YOU!

