OKLAHOMA GOVERNOR'S WATER CONFERENCE

OKLAHOMA STATE FLOOD PLAN

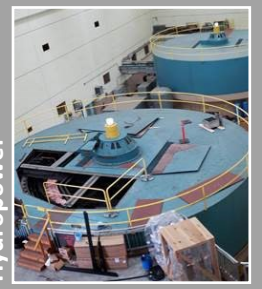
COL Timothy Hudson
Commander, Tulsa District

07 December 2021

Military

Multipurpose Reservoirs

Hydropower



Interagency and International Support

MKARNS

*The views, opinions and findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."

TULSA DISTRICT
US ARMY CORPS OF ENGINEERS

US Army Corps of Engineers ®

U.S.ARMY

THE TULSA DISTRICT IMPACT

US Army Corps of Engineers

THE TULSA DISTRICT

Mission:

Deliver vital public and military engineering services; partnering in peace and war to strengthen our Nation's security, energize the economy and reduce risks from disasters.

covers 173K SQUARE MILES | **operates in** 3 STATES
- KANSAS
- OKLAHOMA
- TEXAS

contains 4 MAJOR RIVER BASINS
- CANADIAN
- GRAND NEOSHO
- ARKANSAS
- RED RIVER

manages 38 PROJECTS 50 DURING FLOODING

maintains 9ft MKARNS NAVIGATION CHANNEL DEPTH | RIVER MILES 140

prevented 29.6B FLOOD DAMAGE PREVENTED

within district 39 FEDERALLY RECOGNIZED NATIVE AMERICAN TRIBES

executes $585M FEDERAL BUDGET (FY 2019)

employs 779 people 30% veterans

missions 11
- Emergency Operations & Disaster Response
- Regulatory
- Navigation
- Water Supply
- Hydropower
- Civil Works
- Military Program
- Dam Safety
- Flood Risk Management
- Environmental Stewardship
- Recreation

Tulsa District creates more than **$787,000,000** in economic benefits for the region

COL. Scott Preston
Tulsa District Commander

U.S. Army Corps of Engineers
Tulsa District
2488 E 81st Street
Tulsa, Oklahoma 74137

Contact us (918) 669-7366
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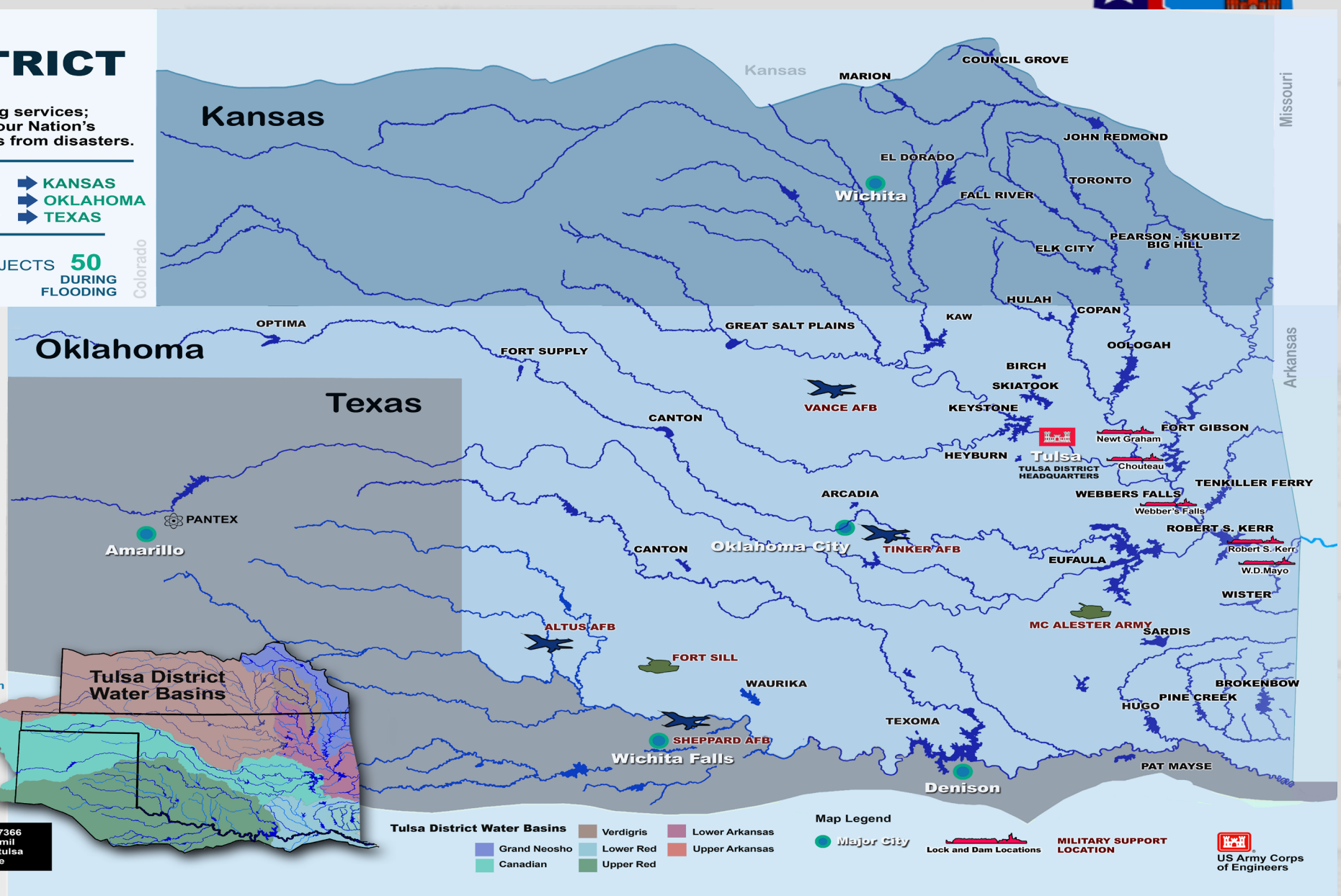
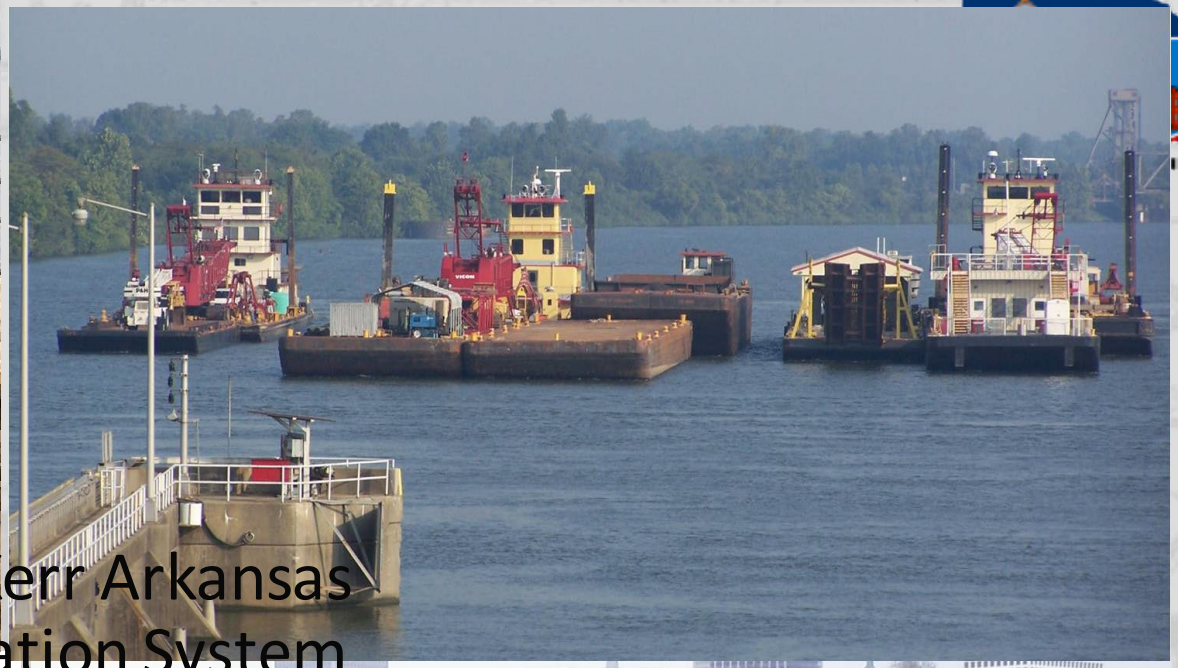
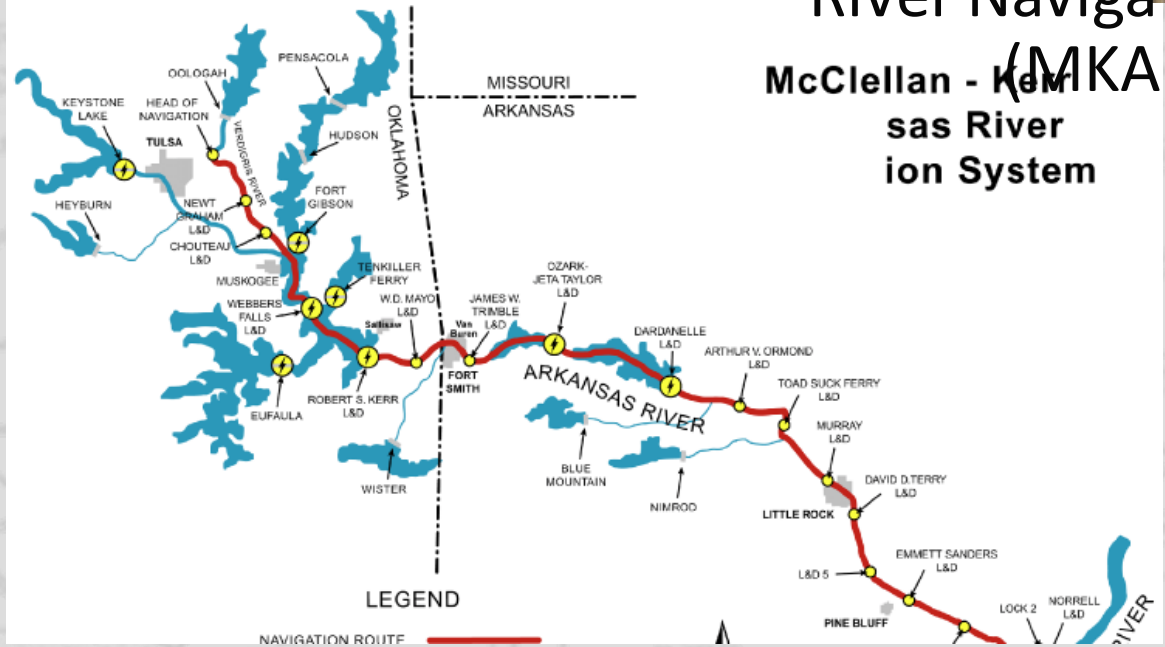


TULSA DISTRICT



McClellan-Kerr Arkansas River Navigation System (MKARNS)



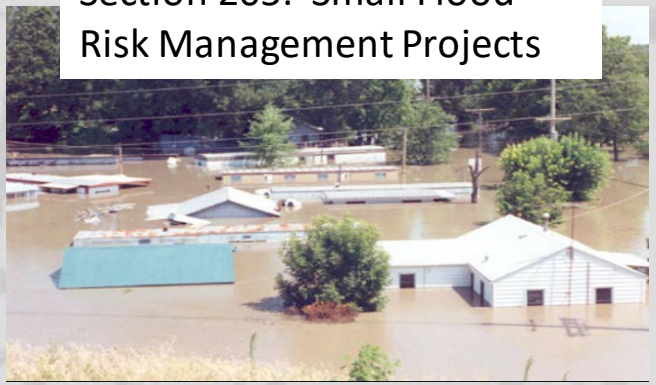
USACE AUTHORITIES

Section 14: Emergency Bank Stabilization

Section 206: Aquatic Ecosystem Restoration

Section 107: Commercial Navigation Improvements

Section 205: Small Flood Risk Management Projects



Section 208: Snagging and Clearing for Flood Risk Management

Flood Risk Management Program

Section 1135: Project Modifications for Improvement of the Environment

Section 204: Regional Sediment Management (Beneficial Use of Dredged Material)

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US ARMY CORPS OF ENGINEERS

Oklahoma Comprehensive Water Plan Update & Oklahoma Flood Plan Support

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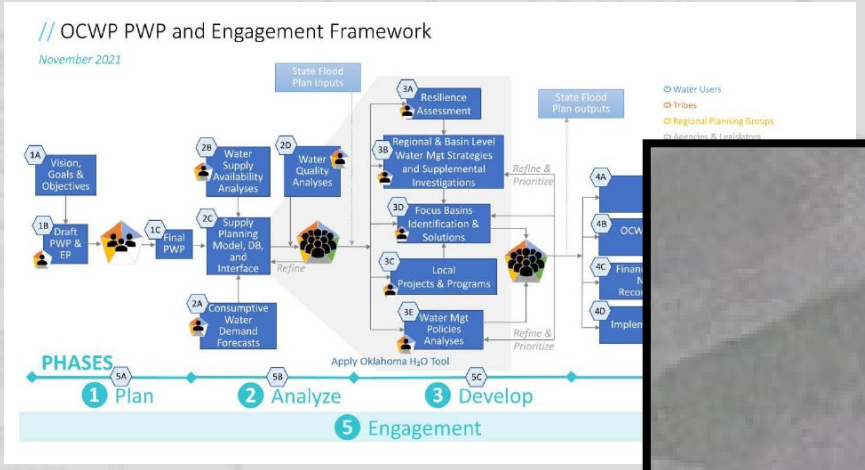
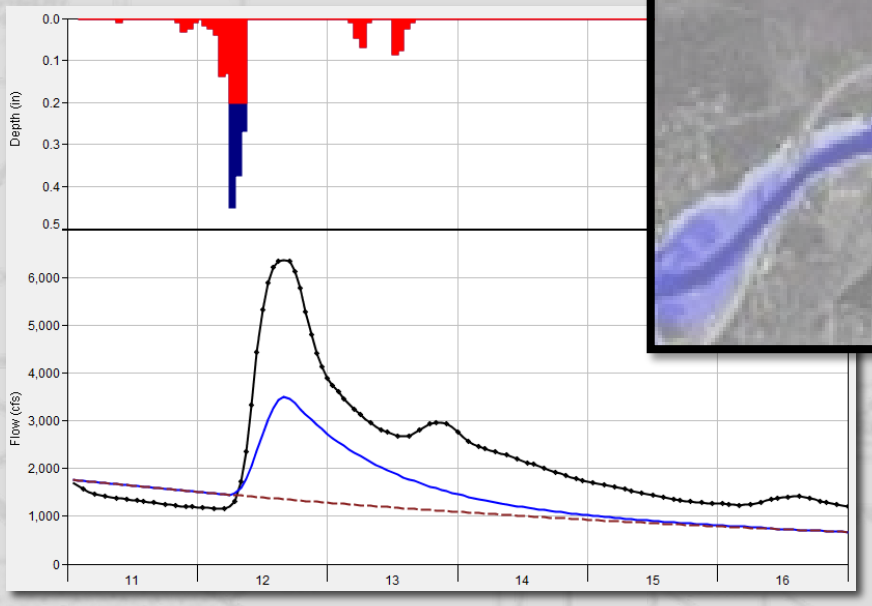
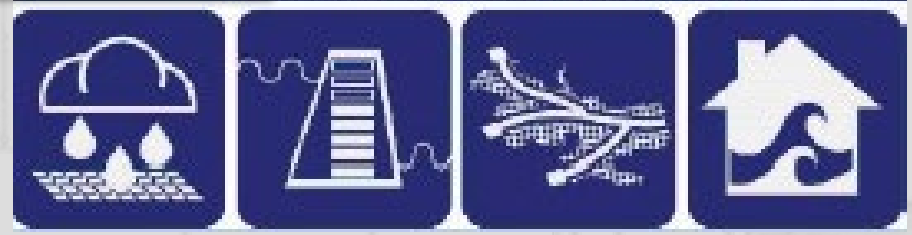
US ARMY CORPS OF ENGINEERS



RIVERWARE SYSTEM MODEL



CWMS
CORPS WATER MANAGEMENT SYSTEM



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