



FACTS & FIGURES

US ARMY CORPS OF ENGINEERS ★ MISSISSIPPI VALLEY DIVISION ★ BUILDING STRONG®

INTRODUCTION

The Mississippi Valley Division is responsible for the Corps water resources programs within the Mississippi River Valley. The 370,000-square mile division boundary encompasses the entire Mississippi River from Lake Itasca, Minn., to the Gulf of Mexico, and includes all or parts of 12 states: Kentucky, Tennessee, Louisiana, Mississippi, Illinois, Missouri, Arkansas, Iowa, Wisconsin, Minnesota, North Dakota and South Dakota.

The mission of the division is to serve the Mississippi Valley region by managing the watersheds and developing collaborative engineering solutions that will reduce risks through the reduction of flood damage potential, maintain and enhance navigation, and protect, restore & enhance environmental ecosystems; while being prepared to respond to regional and national emergencies.



District offices located in St. Paul, Minn.; Rock Island, Ill.; St. Louis, Mo.; Memphis, Tenn.; Vicksburg, Miss.; and New Orleans, La., conduct the programs and activities overseen by the division.

250+ tributaries drain into the Mississippi River, the largest of which are the Ohio and Missouri rivers. The 1.25 million-square-mile Mississippi River drainage basin gathers water from 41 percent of the continental United States. This includes all or parts of 31 states and two Canadian provinces.

NAVIGATION

- 4,267 miles of commercial waterways
 - ▶ 11 Inland Waterway systems
 - ▶ 19 other waterway systems
 - ▶ 1/3 of U.S. inland waterways
 - ▶ Moves 47% of U.S. inland waterborne commerce
- 487 million tons of cargo (295M domestic/192M foreign) moved on the Mississippi River system in 2008
- Main Commodities: petroleum & petroleum products, crude materials, food & farm products, chemicals and related products, primary manufactured goods, and coal
- 7 deep-draft ports
- 51 shallow-draft ports



- \$2.7 billion in domestic transportation savings in 2008
- 59 locks:
 - ▶ 29 on the Mississippi River
 - ▶ 8 on the Illinois River
 - ▶ 6 on the Gulf Intracoastal Waterway, LA
 - ▶ 5 on the Red River, LA
 - ▶ 4 on the Ouachita & Black Rivers, AR & LA
 - ▶ 1 on the Kaskaskia River, IL
 - ▶ 1 at Old River, LA
 - ▶ 1 at Bayou Teche, LA
 - ▶ 3 in the Atchafalaya Basin, LA
 - ▶ 1 at Freshwater Bayou, LA



BUDGET AND MANPOWER

- Total Division-wide employees: 5,378 (5,346 civilians, 32 military)
- Division headquarters employees: 107 civilians, 3 military
- FY 2013 President's Budget: \$790 million
- MR&T Disaster Relief funding for 2011 flood: \$802 million

FLOOD DAMAGE REDUCTION

- 36 flood control reservoirs:
 - ▶ 3 in Arkansas
 - ▶ 4 in Mississippi
 - ▶ 5 in Illinois
 - ▶ 2 in Missouri
 - ▶ 3 in Iowa
 - ▶ 2 in North Dakota
 - ▶ 3 in Louisiana
 - ▶ 1 in Wisconsin
 - ▶ 13 in Minnesota
- 59 pumping stations (MR&T)
- 400 drainage structures
- ~8,400 miles of levee (3,486 miles MR&T)
- 143 miles of foreshore protection (MS River)
- 700 miles of wing dams
- 1,092 miles of revetment (MS River)
- 326 miles of rock dikes (MS River)
- \$351.6 billion cumulative damages prevented
- \$27 billion in damages prevented in 2008



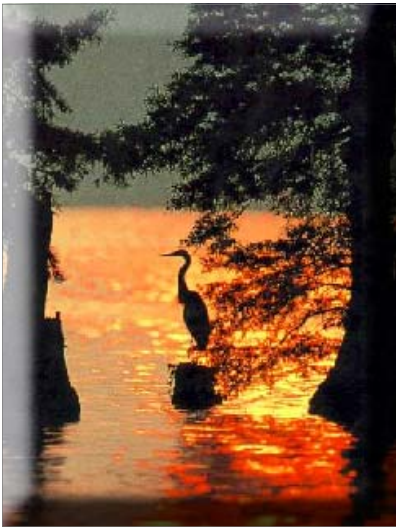
HYDROPOWER

- 4 Corps plants produce 226.5 MW of power:
 - ▶ Clarence Cannon Dam on the Salt River at Monroe City, Mo.
 - ▶ Narrows Dam on the Little Missouri River at Murfreesboro, Ark.
 - ▶ Blakely Mountain Dam on the Ouachita River near Mountain Pine, Ark.
 - ▶ DeGray Dam on the Caddo River near Arkadelphia, Ark.
- 8 non-Federal plants (4 private, 4 municipal) at Corps dams on Mississippi & Illinois rivers provide 395 megawatts of power.



RECREATION

- 2 million acres (land and water)
- 444 recreation areas
- 9,526 camp sites
- 33 lakes
- 14 visitor centers
- 329 boat ramps
- 6,074 miles of lake shoreline
- 1,360 shoreline management permits
- \$3.3 million value of volunteer labor
- 92 concessionaires
- \$3 billion cumulative value to local economies
- \$6.6 million user fees



ENVIRONMENTAL

Environmental sustainability and watershed approaches are important to the ecosystem restoration mission of the U.S. Army Corps of Engineers. Project impacts on the environment are identified and a sustainable balance of environmental, economic, social and engineering factors is sought. This balanced decision process is emphasized in the Corps' Environmental Operating Principles. These principles reaffirm the Corps' commitment to the environment and incorporation of environmental concerns in all decision making and programs. The National Ecosystem Restoration Planning Center of Expertise is located in this division. It provides services including environmental training, independent technical review, environmental model certification, as well as supporting ecosystem research and development needs. Center resources include virtual team members from around the nation in non-government organizations, universities and other state and federal agencies.

EMERGENCY RESPONSE

2011 Red River of the North Flood

- \$18.2 million Flood Control and Coastal Emergency funding
- 18 communities supported with emergency construction and five communities with technical assistance
- 84,000 sand bags, 64 rolls of polyethylene and six pumps loaned to support affected communities

2011 Souris River Flood Fight

- \$6.3 million Flood Control and Coastal Emergency funding
- 37 emergency contracts issued to provide support to Burlington, Minot, Sawyer and Velva
- 84,000 sand bags and 174 rolls of polyethylene loaned to support affected communities
- 7 FEMA recovery missions assigned with total cost \$59,000,000+.
- Under PL84-99 authorities, 3 rehabilitation projects were approved with estimated costs of \$5,444,000.

Epic Flood of 2011

- 150-300% of normal snow water equivalent coupled with 600-1000% of normal rainfall during the middle/end of April caused river levels over the Mississippi River to exceed the flood of record over many reaches of the river.
- Operated Birds Point–New Madrid, Bonnet Carre' and Morganza floodways, first event where all three floodways were operated.
- More than \$82 million in Flood Control and Coastal Emergency and Mississippi River and Tributaries funding was provided for the fight.
- Flood fight supplies provided to local communities included: 39.2 million sand bags, 5,268 rolls of polyethylene, 207 pumps, 191,810 lineal feet Hesco Bastions and 1,280 lineal feet of Rapid Deployable Flood Wall.
- More than 700 team members engaged in the flood fight
- Although the current 2011 flood has flooded 6.8 million unprotected acres, the MR&T project prevented flooding of 9.9 million acres. This year alone, the MR&T System prevented approximately \$120 billion in damages.

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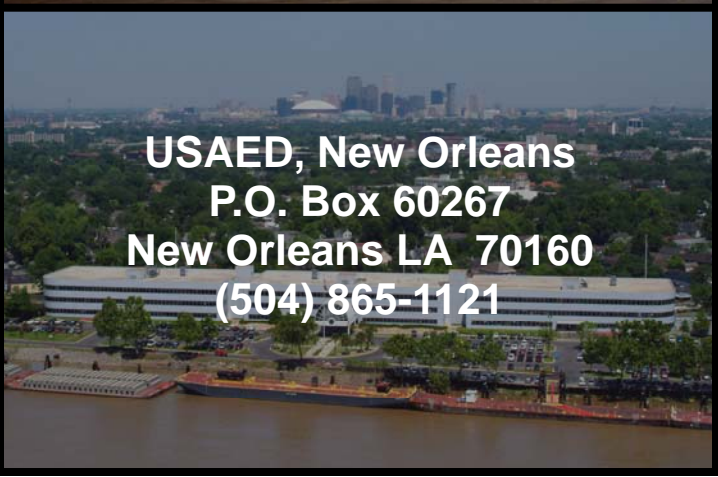
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