



2013 Spring Flood Event

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG ®

Location

NONE PROVIDED

State(s)

IA,IL,MO

Congressional District(s)

IA-1, IA-2, IL-11, IL-16, IL-17, IL-18, MO-6

Status

The Upper Mississippi River saw a tale of two extremes during 2013 as the Great Midwestern Drought of 2012 fed into 2013. The drought came to an abrupt end when spring rains drenched much of mid April. The Rock Island District team was up to the challenge and performed admirably -responding to the many emergencies presented by flooding on both the Mississippi and Illinois Rivers. Multiple Flood Risk Reduction Projects were damaged by the multiple flood events.

Description

In 2013 heavy rains throughout the Midwest caused flooding on much of the Upper Mississippi and Illinois Rivers. Most areas experienced major flooding and many of the communities- along the Illinois River experienced record flood stages for over 100 years of record. The District provided boots on the ground in many of the affected communities. Those efforts included deploying specially trained Flood Area Engineers to provide technical assistance to local emergency managers and provided flood fighting equipment and supplies such as HESCO barriers, sandbags, pumps and plastic sheeting. The Rock Island District stood up its main Emergency Operation Center (EOC) to 24 hour operations and two remote EOC's. Through the EOC's and multiple equipment and supplies staging areas, the District distributed 232,200 sandbags, 23 pumps, 213 rolls of sheeting, and 4,950 feet of HESCO Bastion flood fight barriers during the April flood fight. Additionally 93 District- employees were deployed to provide flood fighting support. It was an impressive, coordinated effort between our District and our partners, both state and local. Following the record flooding in April, 2013 the Rock Island District boundaries were hit with two additional flood emergencies during the week of May 26th and June 23rd, 2013. These floods were of a smaller extent but many locations were at major flood stage. Fortunately, no catastrophic incidences occurred, and the District's Emergency Operation Center continued to perform seamlessly. The floods in late May and early June challenged the Federal reservoir operations in Iowa. Although there were concerns early on, the reservoirs at Lake Red Rock, Saylorville and Coralville combined to avert more than \$115 million dollars in potential flood damages. Coralville Lake alone averted \$105 million in damages. The floods of 2013 caused distress of many of the flood risk reduction projects in the District. Seven agricultural levees located on small tributaries to the Mississippi and Illinois Rivers were overtopped. Several other levee districts on the Mississippi and Illinois Rivers were impacted by erosion and other flood related issues. Still, the flood risk reduction projects on the Mississippi and Illinois Rivers averted over \$1.3 million in damages from the flood events.

Summarized Project Costs

Updated on 2014-Mar-05

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U.S. ARMY CORPS OF ENGINEERS - ROCK ISLAND DISTRICT

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	Expenditures
Estimated Federal Cost	\$ 1,180,000
Estimated Non-Federal Cost	\$
Total Estimated Cost	\$ 1,180,000

Financial Status

	Rehabilitation
FY 2013 Budget Amount	\$ 505,000
FY 2014 Budget Amount	\$ 12,400,000
Balance to Complete	\$ 12,400,000

Major Work Item (This Fiscal Year)

2014 Flood Repair Projects: Design repairs and release for construction PL84-99 eligible rehabilitation projects. The current estimated federal cost of repairs to the levee systems is approximately \$12.4 million using Public Law 84-99 funds.

Major Work Item (Next Fiscal Year)

2015 Flood Repair Projects: Finalize any remaining closeout activities for the 2014 rehab projects.

Point of Contact: Chief - Emergency Management
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