



**US Army Corps  
of Engineers**®  
Rock Island District



**RED ROCK  
LAKE & DAM  
1105 HIGHWAY T15  
KNOXVILLE, IA 50138  
DES MOINES RIVER**

**CONSTRUCTION**

Began: 1960  
Completed: 1969

**COST**

Federal: \$88,838,600 estimated  
Non Federal: \$0

**RESERVOIR**

Normal Pool:  
Length: 18 miles  
Area: 15,250 acres  
Storage: 189,000 acre-feet<sup>1</sup>  
Flood Control Pool:  
Length: 33.5 miles  
Area: 64,480 acres  
Storage: 1,436,000 acre-fee

**WATER SURFACE ELEVATION**

Normal Pool: 742 National Geodetic Vertical Datum (NGVD)  
Flood Storage Pool: 780 NGVD

**DAM**

Type: Earth Filled Embankment  
(6.5 million cubic yards)  
Length: 5,676 feet  
Height: 110 feet  
Top Width: 44 feet  
Spillway Elevation: 736.0 NGVD Gated;  
780.0 NGVD Top of Closed Gate  
Dam Elevation (top of dam): 795.0 NGVD

**RECREATION**

Total Recreation Areas: 10  
Beaches: 2  
Camping Areas: 7  
Marinas: 1

**(MORE INFORMATION ON THE REVERSE SIDE)**

*A Leader in Integrated Water Resources Management*  
**SERVING FIVE RIVER BASINS IN FIVE STATES**  
*At the Heart of the Upper Mississippi River System*

**VISITATION HOURS**

10/1/2007 – 5/31/2008: 484,846  
10/1/2006 – 9/30/2007: 4,637,568  
10/1/2005 – 9/30/2006: 4,864,501

(FY07 recreation fee receipts and lease revenues were \$459,792.  
Regional economic impact of project visitation is \$11,300,000)

**MILES BELOW DES MOINES, IA**

60 miles

**SQUARE MILES OF WATERSHED  
ABOVE DAM**

12,323 square miles

**AVERAGE NORMAL INFLOW (JUNE)  
(JULY)**

14,100 cubic feet per second (cfs)<sup>2</sup>  
11,100 cfs

**HIGHEST INFLOW RECORDED**

134,900 cfs (July 11, 1993)

**MAXIMUM CAPABLE OUTFLOW  
(SLUICE GATES)**

37,700 cfs

**AVERAGE NORMAL OUTFLOW (JUNE)  
(JULY)**

13,500 cfs  
13,400 cfs

**HIGHEST OUTFLOW RECORDED**

104,500 cfs (July 13, 1993)

**PREVIOUS HIGHEST OUTFLOW RECORDED**

40,000 cfs (1984)

**RECORD HIGH POOL ELEVATION**

782.67 (July 13, 1993)  
779.61 (June 25, 1984)  
779.32 (June 21, 1991)  
777.95 (May 14, 1973)  
777.72 (May 18, 1993)

**DAMAGES PREVENTED (1969 - 2007)**

\$531,600,000 (estimated)

**DAMAGES PREVENTED (1993)**

\$76,679,400 (estimated)  
(not indexed for 2007 price levels)

<sup>1</sup> NOTE: An acre-foot is one acre of water one foot deep.

<sup>2</sup> NOTE: Cubic feet per second (cfs). The rate of flow past a given point, measured in cubic feet per second. One cubic foot of water equals about 7 1/2 gallons and weighs 62 pounds.

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