



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

**SAYLORVILLE LAKE**  
**5600 NW 78<sup>TH</sup> AVENUE**  
**JOHNSTON, IA 50131**  
**DES MOINES RIVER**

**CONSTRUCTION**

Began: 1965  
Completed: 1977

**COST**

Federal: est. \$130,100,000

**RESERVOIR**

Normal Pool:  
Length: 24 miles  
Area: 5,520 acres  
Storage: 73,600 acre feet (23.9 billion gallons) <sup>1</sup>  
Flood Storage Pool:  
Length: 54 miles  
Area: 16,100 acres  
Storage: 641,000 acre feet (208.87 billion gallons)

**WATER SURFACE ELEVATION**

Normal Pool: 836' National Geodetic Vertical Datum (NGVD) 29  
(11.5% total storage capacity)  
Flood Storage Pool: 890' NGVD29

**DAM**

Type: Earth Filled Embankment  
Length: 6,750 feet  
Height: 105 feet  
Top Width: 44 feet  
Spillway Elevation: 884' NGVD29; 890' w/pneumatic crest gates  
Dam Elevation (top of dam): 915.5' NGVD29

**DAMAGES PREVENTED (1975-2009)**

\$181,932,300\* (estimated)

**DAMAGES PREVENTED (2008)  
(1993)**

\$1,653,200\* (estimated)  
\$113,466,800\* (estimated)  
\* (not indexed for 2010 price levels)

**(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*

<b>MILES ABOVE DES MOINES, IOWA</b>	11 miles
<b>SQUARE MILES OF WATERSHED ABOVE DAM</b>	5,823 square miles
<b>AVERAGE NORMAL INFLOW (JUNE)</b>	6,000 cubic feet per second (cfs) <sup>2</sup>
<b>(JULY)</b>	4,200 cfs
<b>HIGHEST INFLOWS RECORDED</b>	60,600 cfs (June 10, 2008) 47,100 cfs (July 11, 1993)
<b>MAXIMUM CAPABLE OUTFLOW (CONDUIT/GATES)</b>	21,000 cfs
<b>AVERAGE NORMAL OUTFLOW (JUNE)</b>	7,200 cfs
<b>(JULY)</b>	6,100 cfs
<b>HIGHEST OUTFLOWS RECORDED</b>	47,000 cfs (June 12, 2008)
<b>PREVIOUS HIGHEST OUTFLOWS RECORDED</b>	44,500 cfs (July 18, 1993)
<b>RECORD HIGH POOL ELEVATIONS</b>	892.03' NGVD29 (July 11, 1993) 891.03' NGVD29 (June 12, 2008) 889.25' NGVD29 (June 22, 1984) 888.99' NGVD29 (June 11, 1991) 883.59' NGVD29 (April 06, 1979) 881.20' NGVD29 (April 22, 1983)
<b>OVER SPILLWAY / # DAYS</b>	June 18, 1993 (42 Days)
(Date pool reached spillway crest of 884' NGVD29)	April 24, 1993 (7 Days) - Peak elevation @ 886.2' June 10, 2008 (12 Days) - Pneumatic crest gates lowered; first time put into operation
	June 18, 1984 (15 Days)
	June 6, 1991 (9 Days)
<b>RECREATION</b>	Total Recreation Areas: 25 Beaches: 2 Camping Areas: 4 Marinas: 1
<b>VISITATION HOURS</b>	10/1/08 – 9/30/09: 1,627,069 Visitors; 6,139,038 Visitor Hours 10/1/07 – 9/30/08: 1,387,253 Visitors; 5,373,904 Visitor Hours 10/1/06 – 9/30/07: 1,523,996 Visitors; 6,022,117 Visitor Hours  (FY09 regional economic impact of visitation is \$110,000,000)

<sup>1</sup> NOTE: An acre-foot is one acre of water one foot deep. One acre foot is equivalent to 325,851.4 U.S. gallons.

<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 7.5 gallons and weighs 62 pounds.