



**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: 567,000 acre feet (184.7 billion gallons)

**WATER SURFACE ELEVATION**

Normal Pool: 836' National Geodetic Vertical Datum (NGVD) 29  
(11.5% total storage capacity)  
Flood Storage Pool: 884' NGVD29 (Top of Concrete Spillway)  
890' NGVD29 (Top of Pneumatic Crest Gates)

**DAM**

Type: Earth Filled Embankment  
Length: 6,750 feet  
Height: 105 feet  
Top Width: 44 feet  
Spillway Elevation: 884' NGVD29 (Top of Concrete Spillway)  
890' NGVD29 (Top of Pneumatic Crest Gates)  
Dam Elevation (top of dam): 915.5' NGVD29

**DAMAGES PREVENTED (1975-2010)**

\$183,665,200\* (estimated)

**DAMAGES PREVENTED (2010)**  
**(2008)**  
**(1993)**

\$1,732,900\* (estimated)  
\$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) 889.15' NGVD29 (July 1, 2010) 888.99' NGVD29 (June 11, 1991) 886.17' NGVD29 (April 27, 1993) 883.59' NGVD29 (April 06, 1979)
<b>OVER SPILLWAY / # DAYS</b> (Date pool reached spillway crest of 884' NGVD29)	July 1, 2010 (7 Days) - Pneumatic crest gates lowered June 10, 2008 (12 Days) - Pneumatic crest gates lowered; (first time gates put into operation) June 18, 1993 (42 Days) April 24, 1993 (7 Days) June 6, 1991 (9 Days) June 18, 1984 (15 Days)
<b>RECREATION</b>	Total Recreation Areas: 25 Beaches: 2 Camping Areas: 4; 530 campsites available Marinas: 1 Boat Ramps: 3; total of 12 launch lanes Group Picnic Shelters: 24
<b>VISITATION HOURS</b>	10/1/10 – 9/30/11: 1,246,612 Visitors; 6,348,673 Visitor Hours 10/1/09 – 9/30/10: 1,156,074 Visitors; 5,751,779 Visitor Hours 10/1/08 – 9/30/09: 1,286,550 Visitors; 6,242,743 Visitor Hours 10/1/07 – 9/30/08: 1,088,810 Visitors; 5,458,726 Visitor Hours  (FY10 regional economic impact of visitation is \$27,000,000)

<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.