Saylorville Lake

5600 NW 78th Avenue, Johnston, IA 50131
Des Moines River

U.S. ARMY CORPS OF ENGINEERS **BUILDING STRONG®**

Location

11 miles above Des Moines, Iowa

Construction

Began: 1965
Completed: 1977

Cost

Federal (est.): $130,100,000
Non Federal: $0

Dam

Watershed: 5,823 square miles
Type: Earth-filled embankment
Length: 6,750 feet
Height: 105 feet
Top Width: 44 feet
Spillway Elevation: 884' NGVD29
Dam Elevation: 915.5' NGVD29

Reservoir

Normal Pool:
- Length: 24 miles
- Area: 5,520 acres
- Storage: 73,600 acre feet[1] (23.9 billion gallons)

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 spillway); 890' NGVD29 (top of pneumatic crest gates)

Damages Prevented (estimated)[2]

(1975-2010)	$183,665,200
(2010)	$ 1,732,900
(2008)	$ 1,653,200
(1993)	$113,466,800

Average Normal Inflow	June: 6,000 cubic feet per second (cfs)[3] July: 4,200 cfs
Highest Inflows Recorded	60,600 cfs (June 10, 2008) 47,100 cfs (July 11, 1993)
Maximum Capable Outflow (Conduit/Gates)	21,000 cfs
Average Normal Outflow	June: 7,200 cfs July: 6,100 cfs
Highest Outflow Recorded	47,000 cfs (June 12, 2008)
Previous Highest Outflow Recorded	44,500 cfs (July 18, 1993)
Record High Pool Elevations	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)
Over Spillway / # Days (Date pool reached spillway crest of 884' NGVD29)	June 18, 1984 (15 Days) June 6, 1991 (9 Days) April 24, 1993 (7 Days) June 18, 1993 (42 Days) June 10, 2008 (12 Days) - Pneumatic crest gates raised; first time crest gates put into operation July 1, 2010 (7 Days) - Pneumatic crest gates raised

Recreation

Total Recreation Areas: 25
Beaches: 2
Camping Areas: 4 (530 campsites available)
Marinas: 1
Boat Ramps: 3 (12 launch lanes)
Group Picnic Shelters: 24

Visitation Hours

10/1/11 – 9/30/12: 1,274,474 Visitors; 6,336,810 Visitor Hours (Regional economic impact: $27,000,000)
10/1/10 – 9/30/11: 1,246,612 Visitors; 6,348,673 Visitor Hours

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Visit Saylorville Lake on the Web @ http://www.mvr.usace.army.mil/Missions/Recreation/SaylorvilleLake.aspx. For more information about reservoirs operated by the Rock Island District, visit us on the Web @ http://www.mvr.usace.army.mil/Media/FactSheets.aspx

[1] NOTE: One acre-foot is one acre of water one foot deep. One acre foot is equivalent to 325,851.4 U.S. gallons.
[2] NOTE: Not indexed for 2011 price levels.
[3] 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.

UPDATE: October 2012