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 [1]
Dam Elevation: 915.5' NGVD29

Reservoir

Normal Pool:
Length: 24 miles
Area: 5,250 acres
Storage: 73,600 acre-feet [2] (23.9 billion gallons)

Water Surface Elevation:
836' NGVD29 (11.5% total storage capacity)

Flood Storage Pool:
Length: 54 miles
Area: 16,100 acres
Storage: 567,000 acre-feet (184.7 billion gallons)

Water Surface Elevation
884' NGVD29 (top of spillway)
890' NGVD29 (top of pneumatic crest gates)

Average Normal Inflow 6,000 cubic feet per second (cfs) [3] (June) / 4,200 cfs (July)

Highest Recorded Inflow 60,600 cfs (June 10, 2008) / 47,100 cfs (July 11, 1993)

Maximum Capable Outflow (Conduit/Gates) 21,000 cfs

Average Normal Outflow 7,200 cfs (June) / 6,100 cfs (July)

Highest Recorded Outflow 47,000 cfs (June 12, 2008)

Previous Highest Recorded Outflow 44,500 cfs (July 18, 1993)

Record High Pool Elevations

892.03' (July 11, 1993)	888.99' (June 11, 1991)
891.03' (June 12, 2008)	886.17' (April 27, 1993)
889.25' (June 22, 1984)	883.59' (April 06, 1979)
889.15' (July 1, 2010)	881.20' (April 22, 1983)

Over Spillway

July 1, 2010 (7 Days) – w/Pneumatic crest gates	April 24, 1993 (7 Days)
June 10, 2008 (12 Days) – w/Pneumatic crest gates; first use	June 6, 1991 (9 Days)
June 18, 1993 (42 Days)	June 18, 1984 (15 Days)

Facilities

- 32 Recreation Areas
- 2 Beaches
- 1 Marinas (624 Slips)
- 18 Boat Ramps
- 4 Campgrounds (567 Campsites)
- 20 Trails (68 Trail Miles)
- 24 Group Picnic Shelters
- 497 Picnic Sites
- 1 Disc Golf Course (18-Hole)
- 28 Playgrounds

Visits (2012)

- 1,274,474 Total (185,560 picnickers, 46,515 campers, 214,674 swimmers, 28,751 water skiers, 201,201 boaters, 657,273 sightseers, 198,502 fishermen, 1,204 hunters, 401,377 others)

Economic Data (2012)

- 1,274,474 visits resulted in:
  - $45,890,000 visitor spending within 30 miles of Saylorville Lake
  - $22,333,000 sales within 30 miles of Saylorville Lake
  - 381 jobs within 30 miles of Saylorville Lake
  - $9,269,000 labor income within 30 miles of Saylorville Lake
  - $13,763,000 value added within 30 miles of Saylorville Lake

- With multiplier effects, visitor trip spending resulted in:
  - $37,966,000 in total sales
  - 519 jobs
  - $15,208,000 labor income.
  - $23,739,000 value added (wages, salaries, payroll benefits, profits, rents & indirect business taxes)

Damages Prevented (estimated) [4]

(1975-2014)	$188,879,400	(2010)	$ 1,732,900
(2014)	$ 2,256,500	(2008)	$ 1,653,200
(2013)	$ 2,934,800	(1993)	$113,466,800

Visit Saylorville Lake on the Web @ http://www.mvr.usace.army.mil/Missions/Recreation/SaylorvilleLake.aspx. For more information about reservoir operations, visit http://www.mvr.usace.army.mil/Media/FactSheets.aspx

[1] National Geodetic Vertical Datum of 1929. The Sea Level Datum of 1929 was the vertical control datum established for vertical control surveying in the United States of America by the General Adjustment of 1929.
[2] One acre-foot is one acre of water one foot deep. One acre foot is equivalent to 325,851.4 U.S. gallons.
[3] 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.
[4] $ estimates are price leveled to their respective years and are not recalculated to current-year $ equivalents.