



Coralville Lake

2850 Prairie Du Chien Road, Iowa City, IA 52240
Iowa River

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

Location

6 miles above Iowa City, Iowa

Construction

Began: 1949

Completed: 1958

Cost Federal (est.): \$15,744,000
Non Federal: \$0

Dam

Watershed: 3,084 square miles
Type: Earth Filled Embankment
Length: 1,400 feet
Height: 100 feet
Top Width: 22 feet
Spillway Elevation: 712' NGVD29 ¹
Dam Elevation: 743' NGVD29



Reservoir

Normal Pool:

Length: 23 miles
Area: 5,430 acres
Storage: 28,100 acre-feet ² (9.16 billion gallons)

Water Surface Elevation:

Spring (Conservation): 679' NGVD 29 (3.7% total storage; 15,700 acre feet; 5.11 billion gallons)
Summer (Normal): 683' NGVD29 (6.7% total storage)
Fall: 686' NGVD29

Flood Storage Pool:

Length: 41.5 miles
Area: 24,800 acres
Storage: 421,000 acre-feet (137.18 billion gallons)

Water Surface Elevation

712' NGVD29

Average Normal Inflow

3,400 cubic feet per second (cfs) ³ (June) / 2,600 cfs (July)

Highest Recorded Inflow

57,000 cfs (June 12, 2008) / 36,200 cfs (July 18, 1993)

Maximum Capable Outflow (Conduit/Gates)

20,000 cfs

Average Normal Outflow

3,700 cfs (June) / 3,400 cfs (July)

Highest Recorded Outflow (Conduit/Gates/Spillway)

39,500 cfs (June 15, 2008)

U.S. ARMY CORPS OF ENGINEERS – ROCK ISLAND DISTRICT

CLOCK TOWER BUILDING, P.O. BOX 2004, ROCK ISLAND, IL 61204-2004
Corporate Communications Office, (309) 794-5274, www.mvr.usace.army.mil

Previous Highest Recorded Outflow 25,800 cfs (July 19, 1993) | 13,000 cfs (July 1969)

Record High Pool Elevations 717.02' (June 15, 2008) | 711.53' (June 30, 1984)
716.71' (July 24, 1993) | 710.67' (May 31, 1991)
711.85' (July 21, 1969) | 710.46' (April 26, 1973)

Over Spillway June 10, 2008 (14 Days)
July 5, 1993 (28 Days)

Facilities

- 11 Recreation Areas
- 4 Beaches
- 3 Marinas (495 Slips)
- 18 Boat Ramps
- 3 Campgrounds (620 Campsites)
- 7 Day-use Shelters
- Devonian Fossil Gorge
- 2 Disc Golf Courses (18-Hole)
- 7 Trails (29 Trail Miles)

Visits (2012)

- 1,018,463 Total (58,495 picnickers, 39,738 campers, 68,578 swimmers, 37,753 water skiers, 196,779 boaters, 272,673 sightseers, 187,382 fishermen, 1,090 hunters, 397,117 others)

Economic Data (2012)

- 1,018,463 visits resulted in:
 - \$37,462,000 visitor spending within 30 miles of Coralville Lake
 - \$17,580,000 sales within 30 miles of Coralville Lake
 - 310 jobs within 30 miles of Coralville Lake
 - \$7,277,000 labor income within 30 miles of Coralville Lake
 - \$10,760,000 value added within 30 miles of Coralville Lake
- With multiplier effects, visitor trip spending resulted in:
 - \$27,502,000 in total sales
 - 400 jobs
 - \$10,626,000 labor income
 - \$16,901,000 value added (wages, salaries, payroll benefits, profits, rents & indirect business taxes)

Damages Prevented (estimated) ⁴

- | | | | |
|---------------|---------------|----------|--------------|
| • (1958-2014) | \$364,553,600 | • (2010) | \$ 8,553,900 |
| • (2014) | \$ 72,959,400 | • (2008) | \$66,500,000 |
| • (2013) | \$105,185,100 | • (1993) | \$ 3,148,700 |

Visit Coralville Lake on the Web @ <http://www.mvr.usace.army.mil/Missions/Recreation/CoralvilleLake.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.

UPDATE: November 2014