

Coralville Lake Project Fact Sheet

Coralville Lake built and maintained by the U. S. Army Corps of Engineers, Rock Island District, is operated as a multi-purpose reservoir located six river miles north of Iowa City, Iowa . The primary purpose authorized by Congress is flood risk management for areas below the lake. However, the lake must also be operated to ensure its flood-control pool does not impact areas above the lake. Other purposes include recreation, low flow augmentation, environmental stewardship and conservation.

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: 1,440 feet
Height: 100 feet
Top Width: 22 feet
Spillway Elevation: 712' NGVD29
Dam Elevation: 743' NGVD29



Reservoir

Normal Pool:

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

Water Surface Elevation:

- Spring (Conservation): 679' NGVD29 (3.7% total storage; 15,700 acre feet; 5.11 billion gals.)
- Summer (Normal): 683' NGVD29 (6.7% total storage)
- Fall: 686' NGVD29
- Flood Pool: 712' NGVD29

Flood Storage Pool:

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

Average Normal Inflow: 3,400 cubic feet per second (cfs) (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)

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

Record High Pool Elevations: 717.02' (June 15, 2008)
716.71' (July 24, 1993)
710.67' (May 31, 1991)

711.53' (June 30, 1984)
710.46' (April 26, 1973)
711.85' (July 21, 1969)



US Army Corps
of Engineers
Rock Island District

Coralville Lake, 2850 Prairie Du Chien Road NE, Iowa City, IA 52240-7820
Phone: (319) 338-3543 ext. 6300

Website: www.coralvillelake.org Email: Coralville.lake@usace.army.mil
Facebook: www.facebook.com/coralvillelake

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Spillway Discharges

June 10, 2008 (14 Days)

July 5, 1993 (28 Days)

Facilities

Recreation Areas: 11

Beaches: 4

Marinas: 3

Boat Ramps: 18

Campgrounds: 3

Campsites: 620

Day Use Shelters: 7

Disc Golf (18-Hole) Courses: 2

Trails: 7

Trail Miles: 29

Devonian Fossil Gorge



Visits (2012)

Total: 1,018,463

- Picnickers: 58,495
- Campers: 39,738
- Swimmers: 68,578
- Water Skiers: 37,753
- Boaters: 196,779
- Sightseers: 272,673
- Fishermen: 187,382
- Hunters: 1,090
- Other: 397,117

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)

Total from 1958 - 2014: \$364,553,600

- 2014 - \$72,959,400
- 2013 - \$105,185,100
- 2010 - \$8,553,900
- 2008 - \$66,500,000
- 1993 - \$ 3,148,700



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