



■ **Top of the Oahe Dam looking down river**

Photo Credit - South Dakota Wing of the Civil Air Patrol taken on May 27, 2011.

To Reach the Missouri Sedimentation Action Coalition

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Web sites for the latest flood related information

Facebook – US Army Corps of Engineers, Omaha District

<http://www.facebook.com/OmahaUSACE>

Omaha District Flood Info Page

<http://www.nwo.usace.army.mil/html/op-e/flood.html>

Omaha District – Water Management Info

<http://www.nwd-mr.usace.army.mil/roc/index.html>

USACE South Dakota Regulatory

<http://www.nwo.usace.army.mil/html/od-rsd/frame.html>

USACE Nebraska Regulatory

<http://www.nwo.usace.army.mil/html/od-rne/ne-home.html>

National Weather Service – River Observations & Graphs

<http://water.weather.gov>

SD Emergency Management

http://dps.sd.gov/emergency_services/emergency_management/

<http://www.breadysd.com>

NE Emergency Management

<http://www.nema.ne.gov/>

North Dakota Department of Emergency Services

<http://www.nd.gov/des>

Iowa Homeland Security and Emergency Management

<http://www.iowahomelandsecurity.org>

Media

Pierre Capital Journal

www.capjournal.com

Yankton Press and Dakotan

www.yankton.net

Sioux Falls Argus Leader

www.argusleader.com

Bismarck Tribune

www.bismarcktribune.com

Sioux City Journal

www.siouxcityjournal.com

Omaha World Herald

www.omaha.com

KELO Sioux Falls

www.keloland.com

KSFY Sioux Falls

www.ksfy.com

KDLT Sioux Falls

www.kdlt.com

SD Public Broadcasting

www.sdpb.org

There are many more sites with Missouri River flooding information on the Web. Many of the state and federal sites will link you to additional information.



■ **Dakota Dunes**

Photo Credit - South Dakota Wing of the Civil Air Patrol taken on June 1, 2011



Fort Pierre

Upper right photo Credit - South Dakota Wing of the Civil Air Patrol taken on June 1, 2011.
Bottom right Credit : Oahe spillway - SD Wing of the Civil Air Patrol June 1, 2011.

Flooded Farm Ground & Private Park

Upper left: In South Dakota near Bull Creek across from Verdel, Nebraska. Bottom left: The River widens
Photos by Mary Hurd, MSAC Board of Director

Storage capacity decreasing as sediment increases

The following table is from Phase II Sedimentation Assessment for the Upper Missouri River Basin prepared by: U.S. Department of Agriculture, Natural Resources Conservation Service of Montana, Nebraska, North Dakota and South Dakota. The assessment was completed in consultation with the US Army Corps of Engineers and U.S. Geological Survey. The Assessment was prepared for MSAC and can be viewed or printed in its entirety (55 pages) at www.msaconline.com.

Table I shows the estimated time, in years, to fill the reservoirs to 25 and 50 percent of the design volumes. Lewis and Clark Lake, Lake Francis Case, and Lake Sharpe are projected to be filled up to 50 percent of the design volume in 2045, 2100, and 2133, respectively. In contrast, Lake Sakakawea, Fort Peck Lake, and Lake Oahe are projected to be filled up to 50 percent of the design volume in 2413, 2465, and 2542, respectively.

Table I - Estimated Time to Fill Reservoirs to the 25 and 50 Percent of Storage Capacity

| Missouri River Reservoir | Year Completed | Length of time in years from 2009 to fill reservoir to 25 or 50 percent of design volume | | Year when reservoir will be filled to 25 or 50% of design volume | |
|--------------------------|----------------|--|--------|--|------|
| | | 25 (%) | 50 (%) | 25 | 50 |
| Ft. Peck | 1937 | 192 | 456 | 2201 | 2465 |
| Lake Sakakawea | 1953 | 174 | 404 | 2183 | 2413 |
| Lake Oahe | 1958 | 241 | 533 | 2250 | 2542 |
| Lake Sharpe | 1963 | 39 | 124 | 2048 | 2133 |
| Lake Francis Case | 1953 | 18 | 91 | 2027 | 2100 |
| Lewis & Clark Lake | 1955 | -9 | 36 | 2000 | 2045 |

Based on COE supplied data.