

RECLAMATION

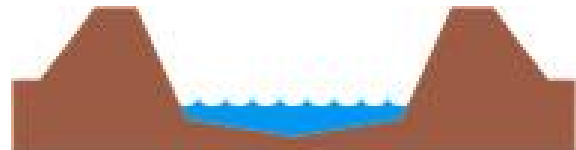
Managing Water in the West

Folsom Dam Flood Control Operations - 2005-2006 Flood Season



Release: 8,000 cfs or less

Steady, lower than normal precipitation would produce releases that could be handled through the Folsom Powerplant, which has a capacity for flows up to 8,000 cfs.



American River Channel



Release: 8,000 – 35,000 cfs

Heavy rain and inflow into the reservoir could lead to use of Folsom Dam's outlet works – eight tubes that go through the dam, with a capacity of 27,000 cfs. The spillway gates can be used at this lower range for management of the dam's water level.

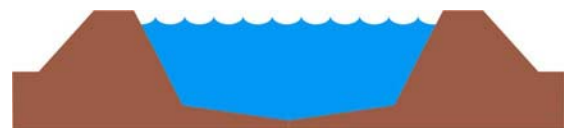


American River Channel



Release: 35,000 to 115,000 cfs

Major inflow resulting from significant storm activity or snow melt could lead to flood control operations and use of the spillway gates. This photo from January 1997 shows 115,000 cfs (capacity of the American River channel) being released when inflow exceeded 250,000 cfs.



American River Channel



U. S. Department of the Interior
Bureau of Reclamation



Nimbus normal operations

Nimbus Dam, located 7 miles downstream from Folsom Dam, is a regulatory dam that controls the flows into the lower American River. It is visible from Hazel Avenue and the California State University – Sacramento Aquatic Center north of Highway 50



Nimbus during flood operations

Operations at Nimbus Dam allow Lake Natoma to rise and fall 3-5 feet each day as flows in the lower American River are held constant. Releases are made at Nimbus Dam in coordination with those made at Folsom Dam.

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CVO operations forecasts are posted on the Internet at: <http://www.usbr.gov/mp/cvo/>

Folsom Dam 916-988-1707

Business Hours: Monday-Friday, 7 a.m. – 4 p.m.

Other Information Sources

Flood Operations: State-Federal Flood Operations Center, Sacramento (24-hour): 800-952-5530
California Dept. of Water Resources Flood Ops. Center: 916-574-2619
U.S. Army Corps of Engineers Emergency Ops. Center (24-hr): 916-452-1535

Sacramento Area Flood Control Agency: 916-874-7606