



**US Army Corps
of Engineers** ®
Walla Walla District

FACT SHEET

Navigation



The Walla Walla District has five dams with navigation locks on the Lower Columbia and Snake rivers. Ice Harbor, Lower Monumental, Little Goose and Lower Granite are located on the Snake River, while McNary is located on the Columbia River.

System Management

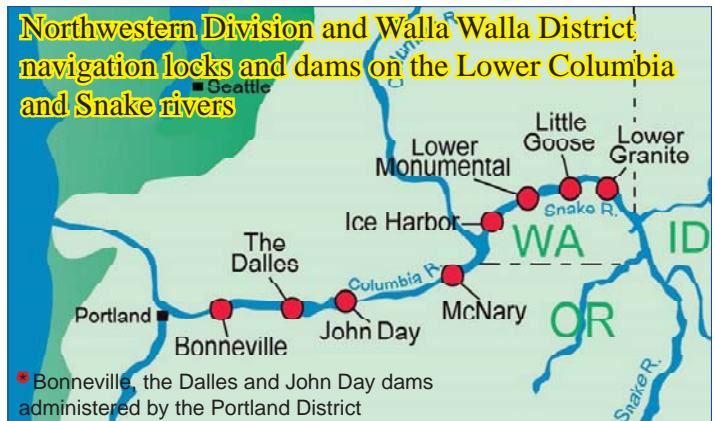
Northwestern Division maintains 350 miles of navigable waterways from Portland, OR to Lewiston, ID.

Walla Walla District maintains 173 miles of the navigable waterway from Umatilla, OR to Lewiston, ID.

For more information contact:

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District Data

There were 6,762 commercial and recreational craft passing through the locks in 2008; 18.5% of the total was recreational craft (1,249).

District Average Lock Availability 2008 – 98%

Walla Walla District's Lower Granite lock has the second highest lift in the US at 105 feet.

Economic Impact

Seven tow companies barge nearly \$1.5 billion annually in cargo between Lewiston, Idaho, and Astoria, Oregon.

40% of the nation's wheat, originating from 13 states, utilizes the Snake/Columbia River system for transport.

Fuel Efficiency

A typical 4-barge tow transports one ton of commodity 514 miles on one gallon of fuel, compared to 202 miles by rail and 59.2 miles by truck. Tugs produce only a fraction of the emissions of trucks and trains per ton-mile.

Fuel needed to get 3,000 tons of cargo from Lewiston to Portland:

Barge = 2,000 gallons

Rail = 5,000 gallons

Trucks = 17,000 gallons



Cargo Capability

Each fully laden grain barge contains the equivalent of 35 rail cars, or 134 truckloads of grain. A full tow consists of four barges with the equivalent cargo carrying capacity exceeding that of an entire unit train, or more than 538 semi-trucks.

An estimated 12.6 million tons of commodities passed through the District's five locks in 2008.

12.6 million tons equals to about 3,600 barges, 126,000 rail cars, or 482,000 large semi-trucks.

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