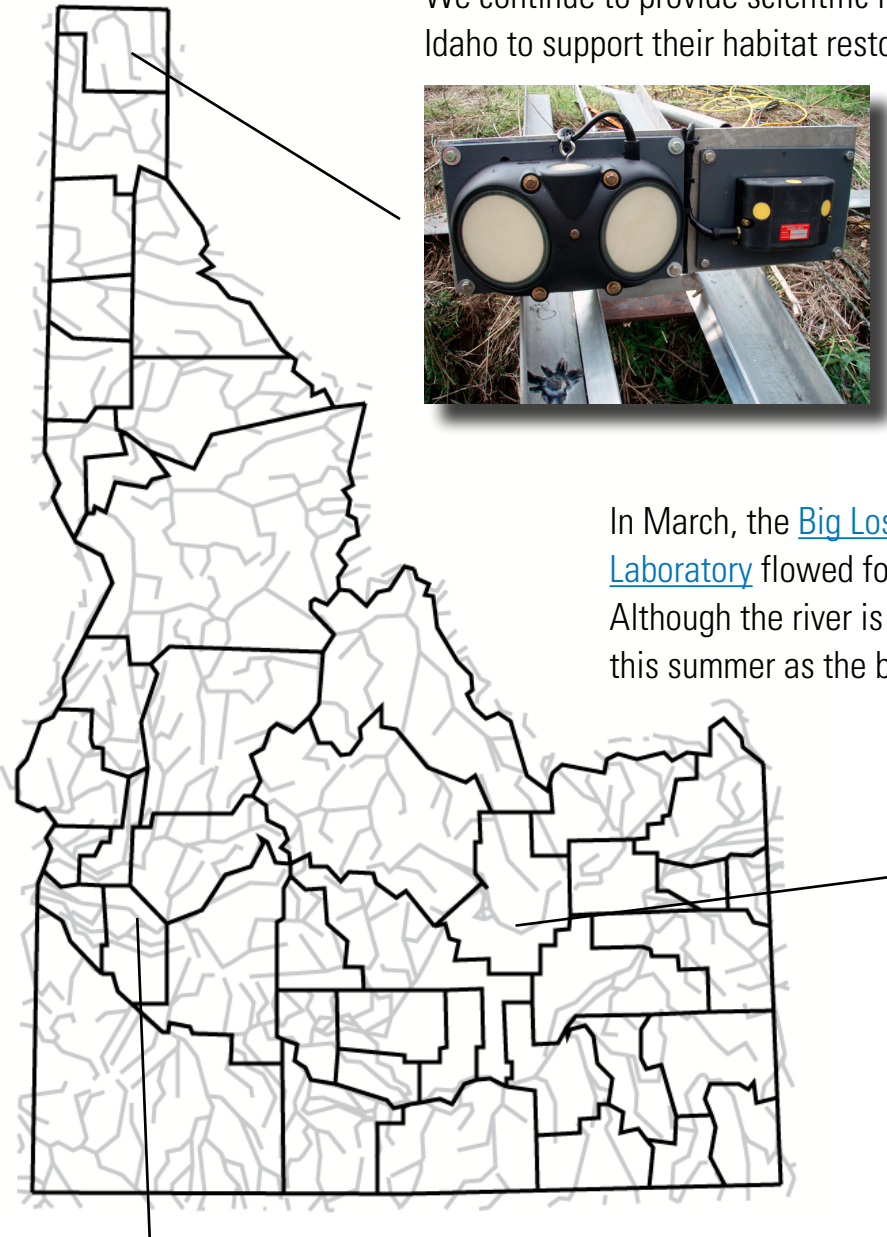
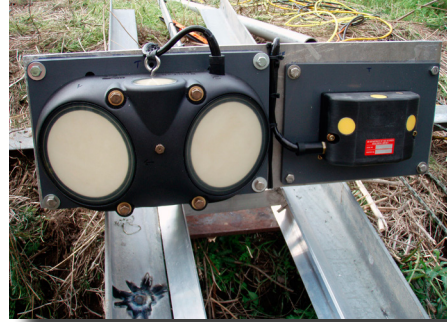


Idaho Hydrologic Update for April 2017

We continue to provide scientific information to the Kootenai Tribe of Idaho to support their habitat restoration efforts for the endangered

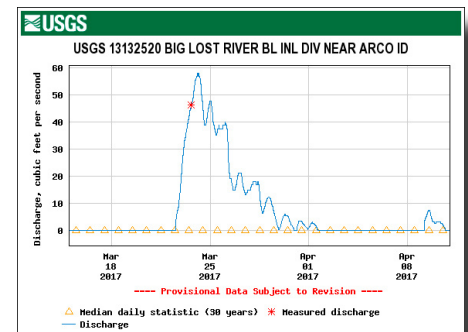
Kootenai River white sturgeon. Our work includes mapping river bathymetry, modeling hydraulics, and [using acoustics to monitor sediment](#). We are working with other partners to apply similar acoustic sediment monitoring on the Clearwater and Snake Rivers.



In March, the [Big Lost River at the Idaho National Laboratory](#) flowed for the first time since June 2012. Although the river is dry now, we expect it to flow again this summer as the basin's abundant snowpack melts.

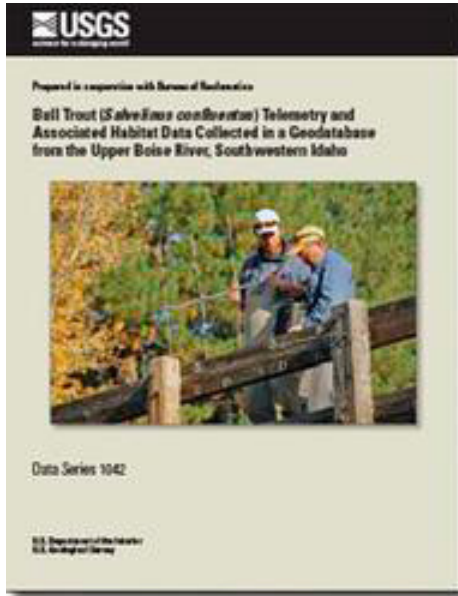


As the Boise River is in its [third month above flood stage](#), emergency managers became concerned about the integrity of a gravel pit along the river. We installed this rapid deployment gage to [monitor water levels in the area](#).



[More >](#)

Our Latest Reports



The Boise River upstream of Arrowrock Dam in southwestern Idaho (including Arrowrock Reservoir) provides habitat for one of the southernmost populations of bull trout. The presence of the species in Arrowrock Reservoir poses implications for dam and reservoir operations. From 2011 to 2014, the Bureau of Reclamation and the U.S. Geological Survey collected fish telemetry data to improve understanding of bull trout distribution and movement in Arrowrock Reservoir and in the upper Boise River tributaries.



In cooperation with the U.S. Department of Energy, we maintain groundwater-monitoring networks at the INL to determine hydrologic trends and to delineate the movement of radiochemical and chemical wastes in the eastern Snake River Plain (ESRP) aquifer and in perched groundwater zones. This report presents an analysis of water-level and water-quality data collected from the ESRP aquifer, multilevel monitoring system (MLMS) wells in the aquifer, and perched groundwater wells in the USGS groundwater monitoring networks.



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