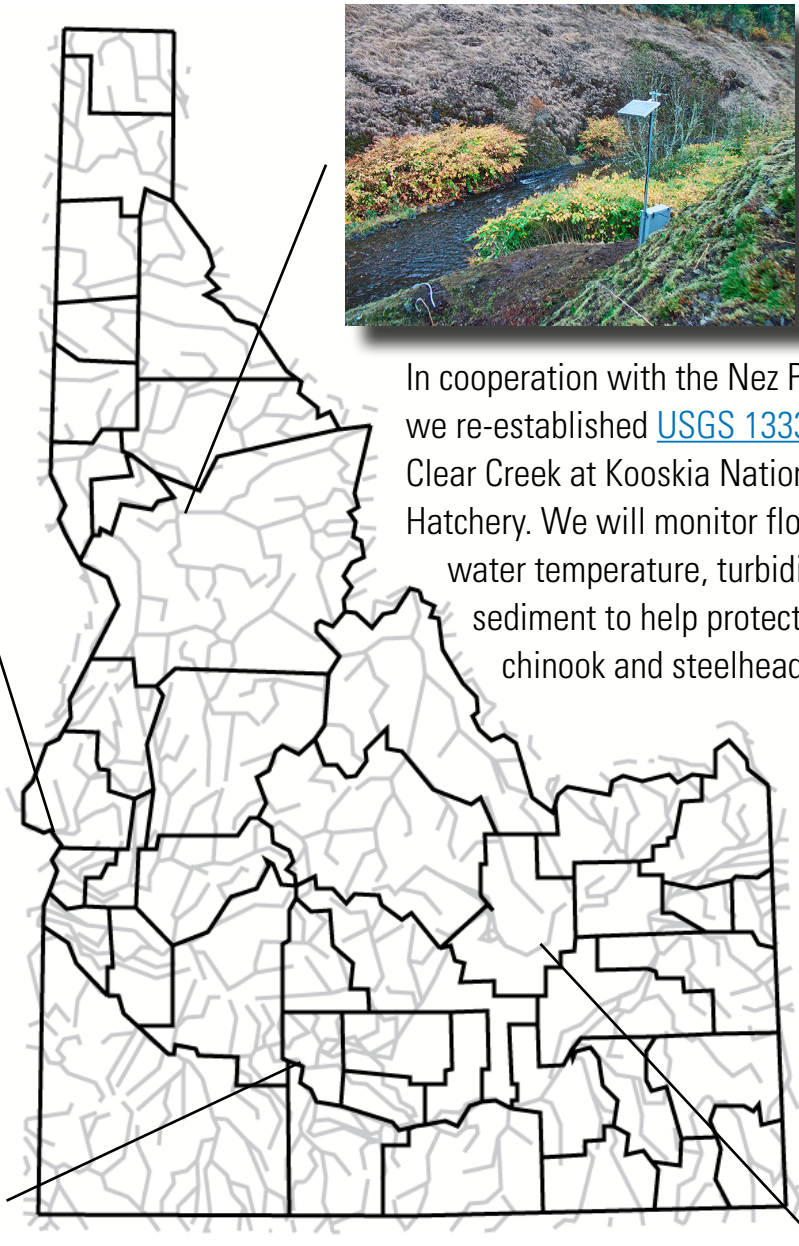
# Idaho Hydrologic Update
## for October 2016

We recently conducted reconnaissance to install real-time sediment monitoring equipment on the Snake River at Weiser. The monitoring, to be conducted in cooperation with Idaho Power, will quantify sediment concentrations and loads entering Brownlee Reservoir.





In cooperation with the Nez Perce Tribe, we re-established USGS 13337099, Clear Creek at Kooskia National Fish Hatchery. We will monitor flow, stage, water temperature, turbidity, and sediment to help protect critical chinook and steelhead habitat.

Later this month, we will begin collecting water-quality samples from about a dozen southern Idaho springs as part of the USGS National Water-Quality Assessment (NAWQA).

Our most recent report provides cross-sections of basalt flows and sedimentary units that make up the eastern Snake River Plain aquifer. Improved knowledge about the locations of volcanic vents that were the source of basalt lava will help us to refine our models of groundwater flow and contaminant transport at the Idaho National Laboratory.

More >

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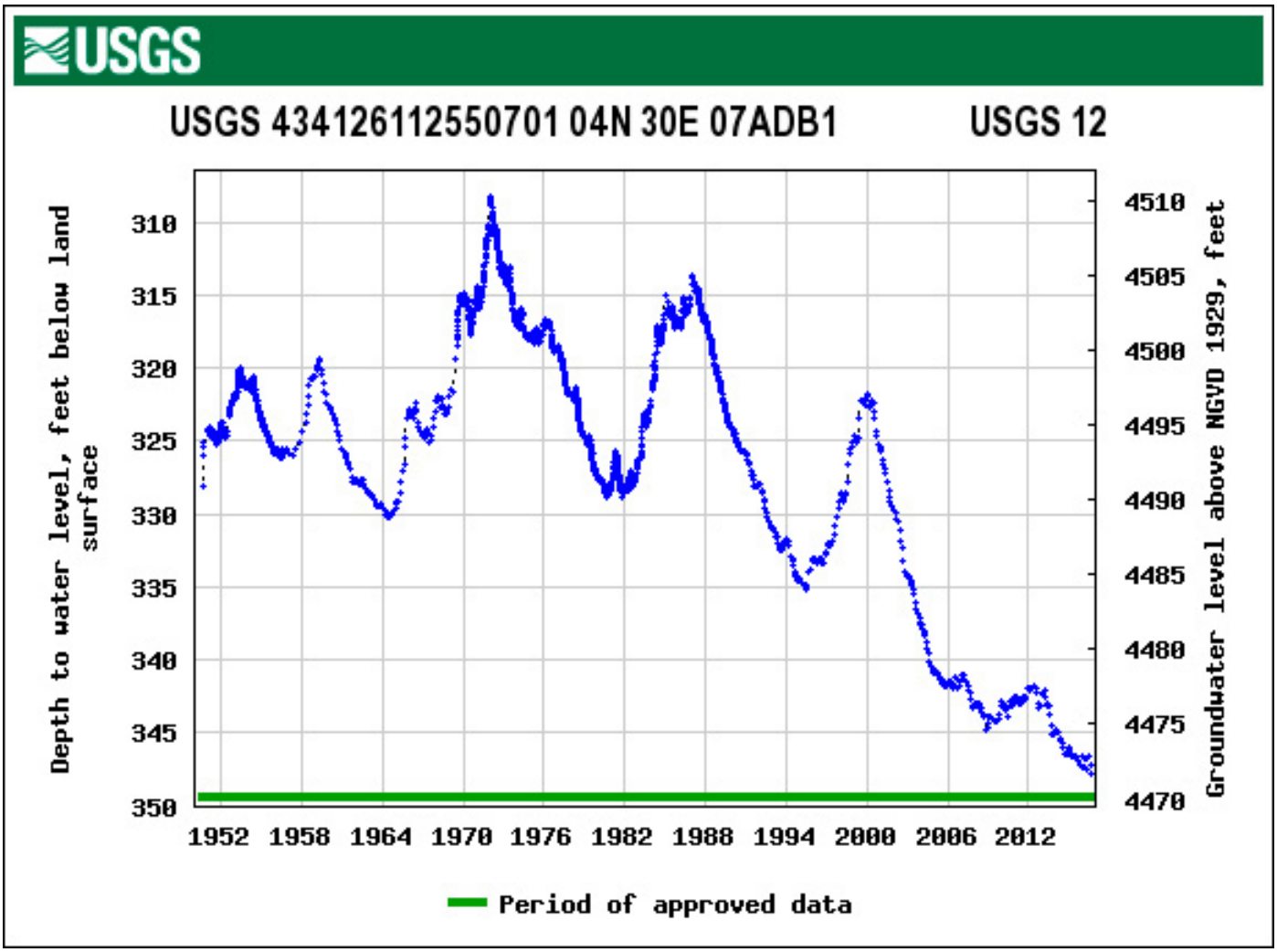
## Idaho National Laboratory Groundwater Levels Continue to Decline

Our hydrologists have been monitoring water levels in wells at and near the Idaho National Laboratory since 1949. In recent years, they have documented dramatic declines in the eastern Snake River Plain aquifer. Those declines continued in Water Year 2016, with many of the more than 200 wells we monitor reaching new low levels. Here is an example from site USGS 12.





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