

Smith Rock geology, White Rvr. washouts on Hwy 35 highlight new issue of Oregon Geology magazine

by Bend Weekly News Sources

A geologic tour of the lower Crooked River Basin; which includes Smith Rock State Park, Ochoco Reservoir, and the Redmond and Prineville areas; is one of the highlights of the newest issue of Oregon Geology Magazine.

Published by the Oregon Department of Geology and Mineral Industries (DOGAMI), Volume 67, Number 1, Fall 2006 of Oregon Geology is available free online in PDF form at <http://www.OregonGeology.com>.

Also of interest in Oregon Geology is a look at the geology and the recent debris flows in the upper White River Valley, plus an examination of how agencies respond when a debris flow occurs.

The White River Bridge on Oregon Route 35, east of Mount Hood, after the debris flow events of early November 2006. Note the blue-jacketed person standing in the channel near the center of the bridge span. The debris deposit is roughly 12-18 ft high on the upslope side of the bridge. Debris completely filled the channel and overtopped the bridge deck. Route 35 was re-opened December 9, 2006. Read more about debris flows in the White River Valley in the newest issue of Oregon Geology. Photo by William J. Burns, DOGAMI. This 32 page journal also includes a look at debris flow modeling in the H. J. Andrews Experimental Forest near Eugene by the U.S. Geological Survey, the 2005 Mined Land Reclamation Awards, Oregon seismicity in 2005, recent DOGAMI publications and Agency news.

The Fall 2006 issue of Oregon Geology is available free online in PDF form at <http://www.OregonGeology.com>.

Recently Published: Oregon Geologic Data Compilation (OGDC-3) contains the Southeast and Northeast Oregon Geologic Compilation data sets plus the newly added Central Oregon data set, including the High Cascades -â€™ Mt. Bachelor, the Three Sisters, the Cascade Lakes region -â€™ and Newberry National Volcanic Monument. OGDC-3 also includes Bend, Redmond, Prineville and the John Day Fossil Beds National Monument.

The purpose of the Oregon Geologic Data Compilation project is to assemble the best available geologic map information for the entire state by integrating the work of many individual geologic mappers into a vector digital data set. The data are stored in a geographic information system (GIS) format with links to a relational database. The compilation is thus a "living map" that can change as new information becomes available. Knowledge of and access to GIS and database software applications are essential to the use of the CD version of the compilation.

Oregon Geologic Data Compilation -- Version 3 (OGDC-3) is available on CD-ROM for \$25. It can be purchased from the Nature of the Northwest Information Center (NNW), 800 NE Oregon Street, Suite 177, Portland, Oregon, 97232. You may also call NNW at (503) 872-2750 or order online at <http://www.naturenw.org>. There is a \$3 shipping and handling charge for all mailed items.

For additional information, please contact the Nature of the Northwest Information Center. Additionally, this item as well as all department maps can be purchased at DOGAMI Field Offices including 5375 Monument Drive, Grants Pass, (541) 476-2496 and 1510 Campbell Street, Baker City, (541) 523-3133.

Learn more about Oregon's geology by going online at: <http://www.OregonGeology.com>

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