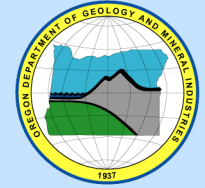


OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

Vicki S. McConnell, State Geologist



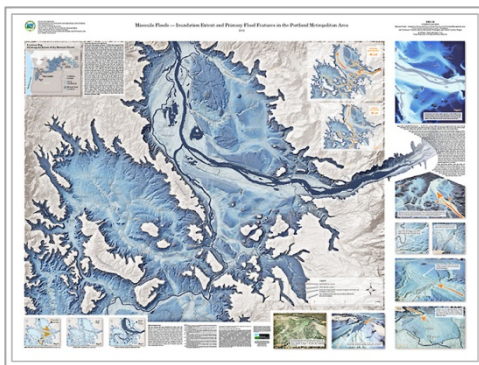
NEWS RELEASE: June 6, 2012

New map of Portland area reveals Missoula floods features

Portland, Oregon: The Oregon Department of Geology and Mineral Industries (DOGAMI) has released a lidar-based map showing Missoula floods inundation and features in the Portland metropolitan area.

“Lidar-derived imagery allows us to map the shape of the surface of the earth in resolution never before seen, especially in places that are densely vegetated, such as the Portland Basin,” says Bill Burns, DOGAMI Engineering Geologist. “With this map we can see major flow paths of the floodwaters, scour areas, and bars and deltas. The land surface of the entire Portland area was dramatically altered by this catastrophic flooding.”

The map also depicts 3-D views of Oswego Lake, Canby, and Battle Ground, Washington, where flood features are particularly spectacular.



The map is 50 x 38 inches; scale 1:8,200 feet (1:1.553 miles). See a larger map and read more on the DOGAMI [publication preview web page](#).

DOGAMI Interpretive map 36 (IMS-36), Missoula Floods - Inundation extent and primary flood features in the Portland metropolitan area, Clark, Cowlitz, and Skamania Counties, Washington, and Clackamas, Columbia, Marion, Multnomah, Washington, and Yamhill Counties, Oregon, by William J. Burns and Daniel E. Coe, can be purchased on CD-ROM for \$15 each from the Nature of the Northwest Information Center (NNW), 800 NE Oregon Street, Suite 965, Portland, Oregon, 97232. You may also call NNW at (971) 673-2331 or order online at <http://www.NatureNW.org>. Printed copies of the full color 50 x 38 inch maps are \$30 each. There is a \$4.95 shipping and handling charge for all mailed items.

DOGAMI's mission is to provide earth science information and regulation to make Oregon safe and prosperous.

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The Oregon Department of Geology and Mineral Industries is an independent agency of the State and has a broad responsibility in developing an understanding of the state's geologic resources and natural hazards. The Department then makes this information available to communities and individuals to help inform and reduce the risks from natural hazards, such as earthquakes, tsunamis, landslides, floods and volcanic eruptions.

The Department assists in the formulation of state policy where an understanding of geologic materials, geologic resources, processes, and hazards is key to decision-making. The Department is also the lead state regulatory agency for mining, oil, gas and geothermal exploration, production and reclamation.

Learn more about Oregon's geology online: <http://www.OregonGeology.org>

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