Estimated Volume (m^3) of Post-Fire Debris Flows in response to a 2-year, 1-hour storm (13 mm) in the 2013 Beaver Creek Burn Area near Hailey, Central Idaho

U.S. Geological Survey
Department of the Interior

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Volume Map for 2-Year 1-Hour Storm -- Plate 2

Skinner, K. D., 2013, Post-Fire Debris-Flow Hazard Assessment of the Area Burned by the 2013 Beaver Creek Fire near Hailey, Central Idaho

EXPLANATION

Estimated volume (m^3) of a debris flow in response to a 2-year, 1-hour storm (13 mm) based on the National Oceanic and Atmospheric Administration's precipitation estimates (basin outlet labels are identified in table 1).

- Basin outlet
- Watershed boundary
- Beaver Creek Fire Boundary
- Drainages that exceed the basin area for which the model was developed but can still be impacted by upstream debris flows.

Volume, in cubic meters

Stream segment	Selected basin
<= 5,000	<= 5,000
> 5,000 to 10,000	> 5,000 to 10,000
> 10,000 to 25,000	> 10,000 to 25,000
> 25,000 to 100,000	> 25,000 to 100,000
> 100,000	> 100,000

Debris-flow volume is estimated for a basin outlet at the most downstream end of each drainage basin and for segments of the drainage network that contained burned terrain.

Base from U.S. Geological Survey digital data 30 m shaded relief, 2002, digital raster graphics, 2002, and 1:24,000 hydrography, 2007.

0 1 2 3 4 Miles

0 1 2 3 4 Kilometers

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MAP LOCATION