

Estimated Probability of Occurrence for Post-Fire Debris Flows in response to a 25-year, 1-hour storm (22 mm) in the 2013 Beaver Creek Burn Area near Hailey, Central Idaho

by
 Kenneth D. Skinner
 2013

OPEN-FILE REPORT 2013-1273
 Probability Map for 25-Year 1-Hour Storm -- Plate 7

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

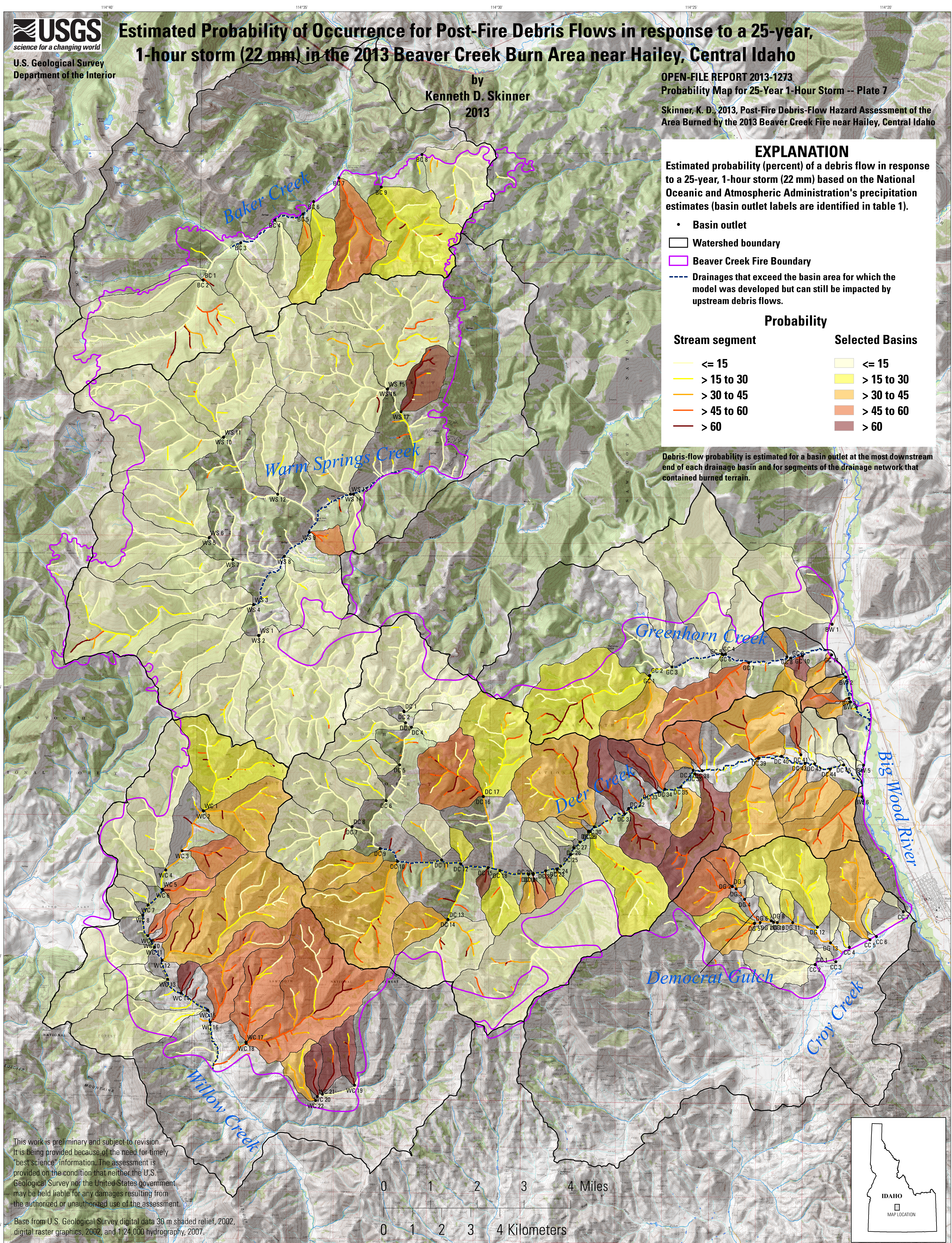
EXPLANATION

Estimated probability (percent) of a debris flow in response to a 25-year, 1-hour storm (22 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.

Stream segment	Selected Basins
≤ 15	≤ 15
> 15 to 30	> 15 to 30
> 30 to 45	> 30 to 45
> 45 to 60	> 45 to 60
> 60	> 60

Debris-flow probability 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.



This work is preliminary and subject to revision. It is being provided because of the need for timely 'best science' information. The assessment is provided on the condition that neither the U.S. Geological Survey nor the United States government may be held liable for any damages resulting from the authorized or unauthorized use of the assessment.

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

