



U.S. Geological Survey
Department of the Interior

EXPLANATION

Estimated probability (percent) of a debris flow in response to a 10-year, 1-hour rainfall of 43 millimeters (number 1-44 next to pour-point symbol is basin identifier in table 1).

Stream segment	Pour point
< 15	< 15
15 to 30	15 to 30
> 30 to 45	> 30 - 45
> 45 to 60	> 45 to 60
> 60	> 60
not modelled	95

Extent of the High Park Fire

Watershed

Colorado Department of Transportation milepost



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Probability Map -- PLATE 1
Verdin, K.L., Dupree, J.A., Elliott, J.G.,
Probability and Volume of Potential Postwildfire
Debris Flows in the 2012 High Park Burn Area
near Fort Collins, Colorado

The probability of a debris flow is estimated for a watershed pour point (outlet) at the most downstream end of each watershed.

This work is preliminary and subject to revision. It is being provided due to 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, 2012, Universal Transverse Mercator, Zone 13 North, North American Datum 1983.

Estimated Probability of Potential Postwildfire Debris Flows in the 2012 High Park Burn Area near Fort Collins, Colorado

by
Kristine L. Verdin, Jean A. Dupree, and John G. Elliott
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