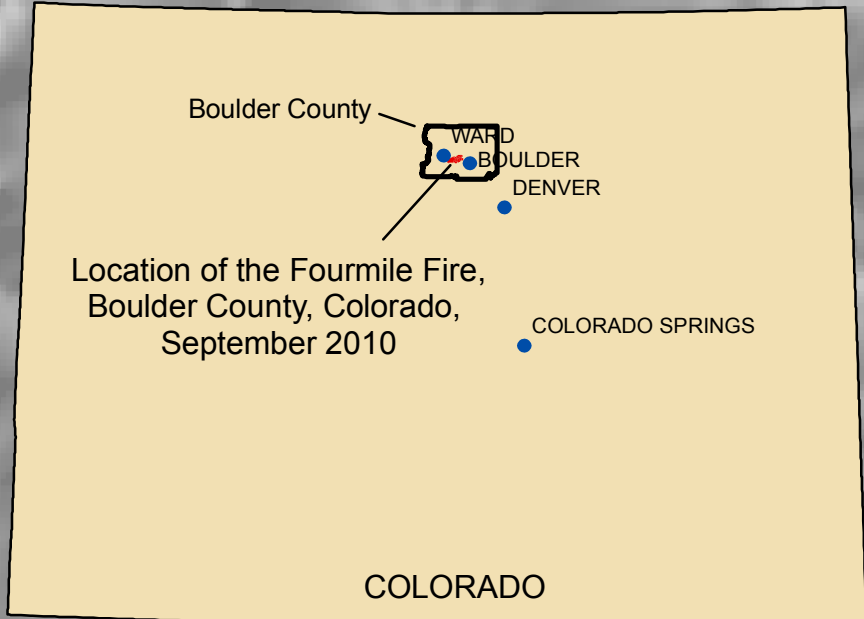


Probability of a debris flow  
(percent) in response to a  
2-year, 1-hour rainfall of  
23 millimeters

BAER* Basin Number	Probability (percent)
0	21
1	2
2	<1
3	51
4	1
5	18
6	43
7	64
8	13
9	6
10	42
11	63
12	61
14	28
15	2
16	70
17	32
18	58
19	11
20	3
21	19
23	9
24	2
25	9
27	<1
28	2



**Explanation**

Probability of a debris flow (percent)  
in response to a 2-year, 1-hour  
rainfall of 23 millimeters

**BAER\* basin pour point**

- 0 to 15
- 16 to 30
- 31 to 45
- 46 to 60
- 61 to 75

**Selected basins**

- 0 to 15
- 16 to 30
- 31 to 45
- 46 to 60
- 61 to 75

Stream

Road

Extent of burned area

BAER\* basin delineation

Populated areas

High elevation points

BAER\* basin number

Selected basin number

\*Burned Area Emergency Rehabilitation

The probability of a debris flow is estimated for a basin outlet (pour point) at the most downstream end of each drainage basin. Smaller subbasins within these delineated basins may have larger probabilities of a debris flow but they are not shown on this map.

This work is preliminary and is 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.

Probability of Potential Postwildfire Debris Flows in the 2010 Fourmile Burn Area, Boulder County, Colorado

By  
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2010