

# Predicted High Park Fire Flood Response: Misc. Poudre Canyon



USDA Natural Resources Conservation Service

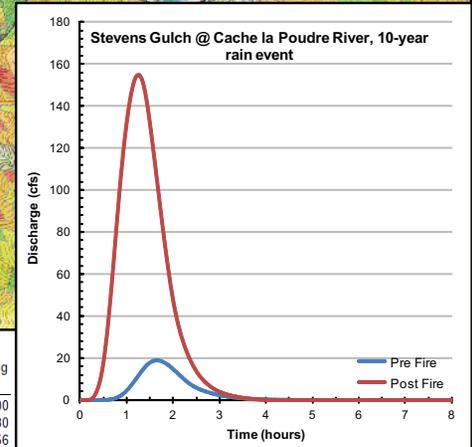
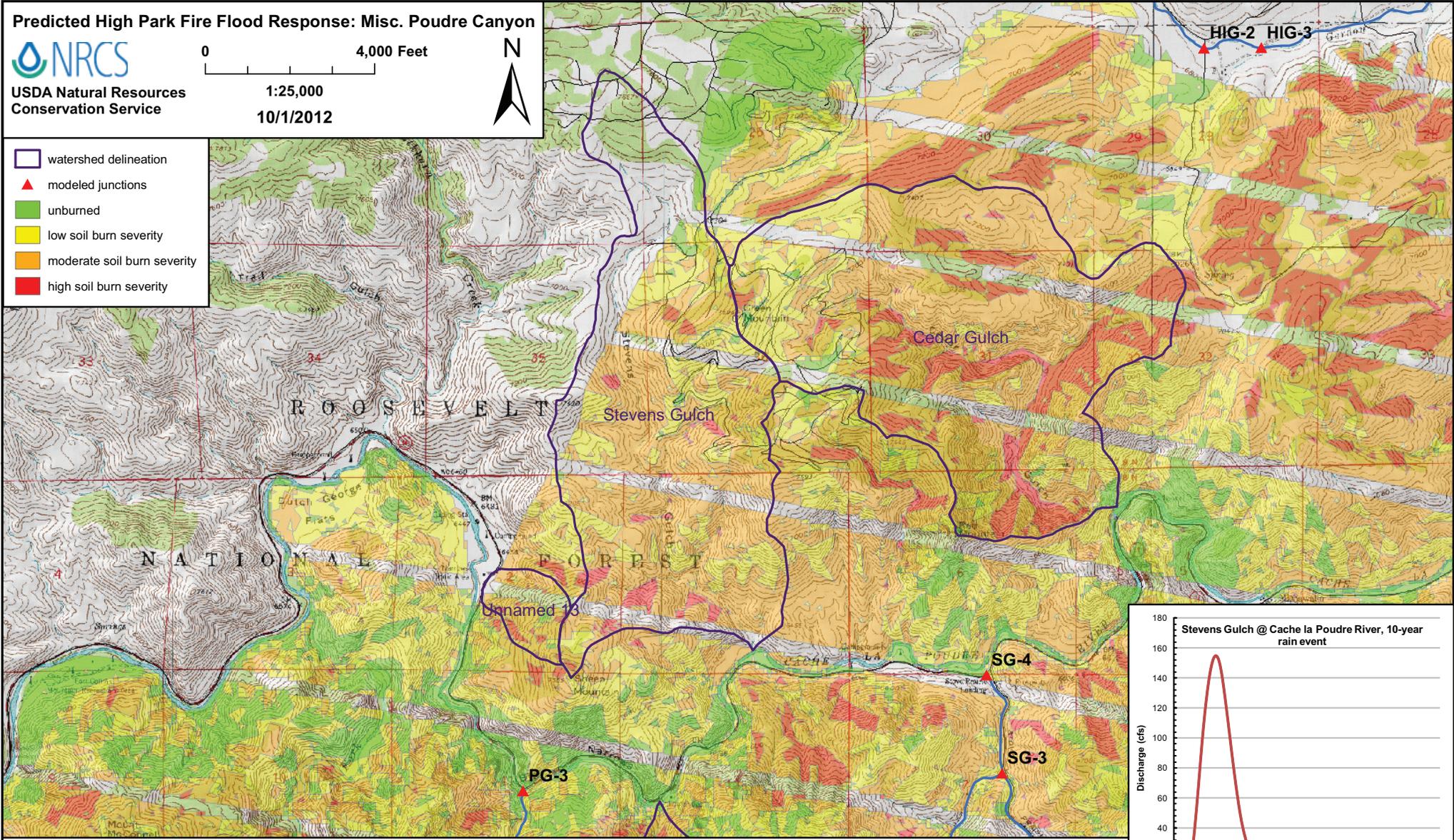
0 4,000 Feet

1:25,000

10/1/2012



- watershed delineation
- ▲ modeled junctions
- unburned
- low soil burn severity
- moderate soil burn severity
- high soil burn severity



Junction or Catchment	Drainage Area (mi <sup>2</sup> )	2-Year Rain Event (0.8 inches)				10-Year Rain Event (1.5 inches)				25-Year Rain Event (1.8 inches)				50-Year Rain Event (2.2 inches)				100-Year Rain Event (2.4 inches)			
		Predicted Flow (cfs)		Post/Pre	Sed. Bulking	Predicted Flow (cfs)		Post/Pre	Sed. Bulking	Predicted Flow (cfs)		Post/Pre	Sed. Bulking	Predicted Flow (cfs)		Post/Pre	Sed. Bulking	Predicted Flow (cfs)		Post/Pre	Sed. Bulking
		Pre Fire	Post Fire	Peak Flow	Flow (cfs)	Pre Fire	Post Fire	Peak Flow	Flow (cfs)	Pre Fire	Post Fire	Peak Flow	Flow (cfs)	Pre Fire	Post Fire	Peak Flow	Flow (cfs)	Pre Fire	Post Fire	Peak Flow	Flow (cfs)
Cedar Gulch	2.00	0	57	n/a	71	89	390	4.4	490	180	600	3.4	750	330	920	2.8	1200	420	1100	2.6	1400
Stevens Gulch	1.73	0	4.6	n/a	5.8	19	160	8.2	190	59	270	4.5	330	140	450	3.2	560	190	550	2.9	680
Unnamed 13	0.11	0	0	n/a	0	0	10	n/a	13	0.4	20	50	25	4.4	36	8.2	45	6.8	45	6.6	56