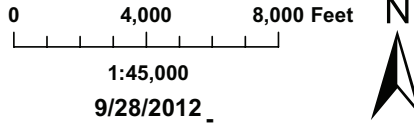


# Predicted High Park Fire Flood Response: Young Gulch

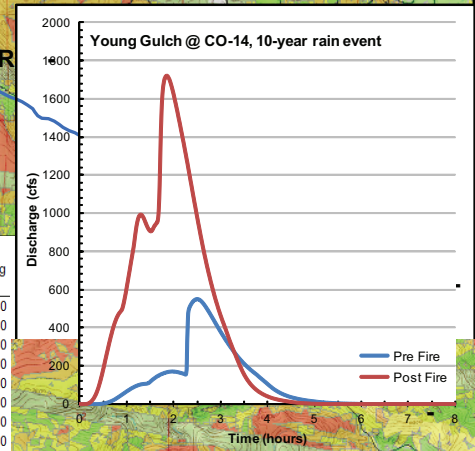
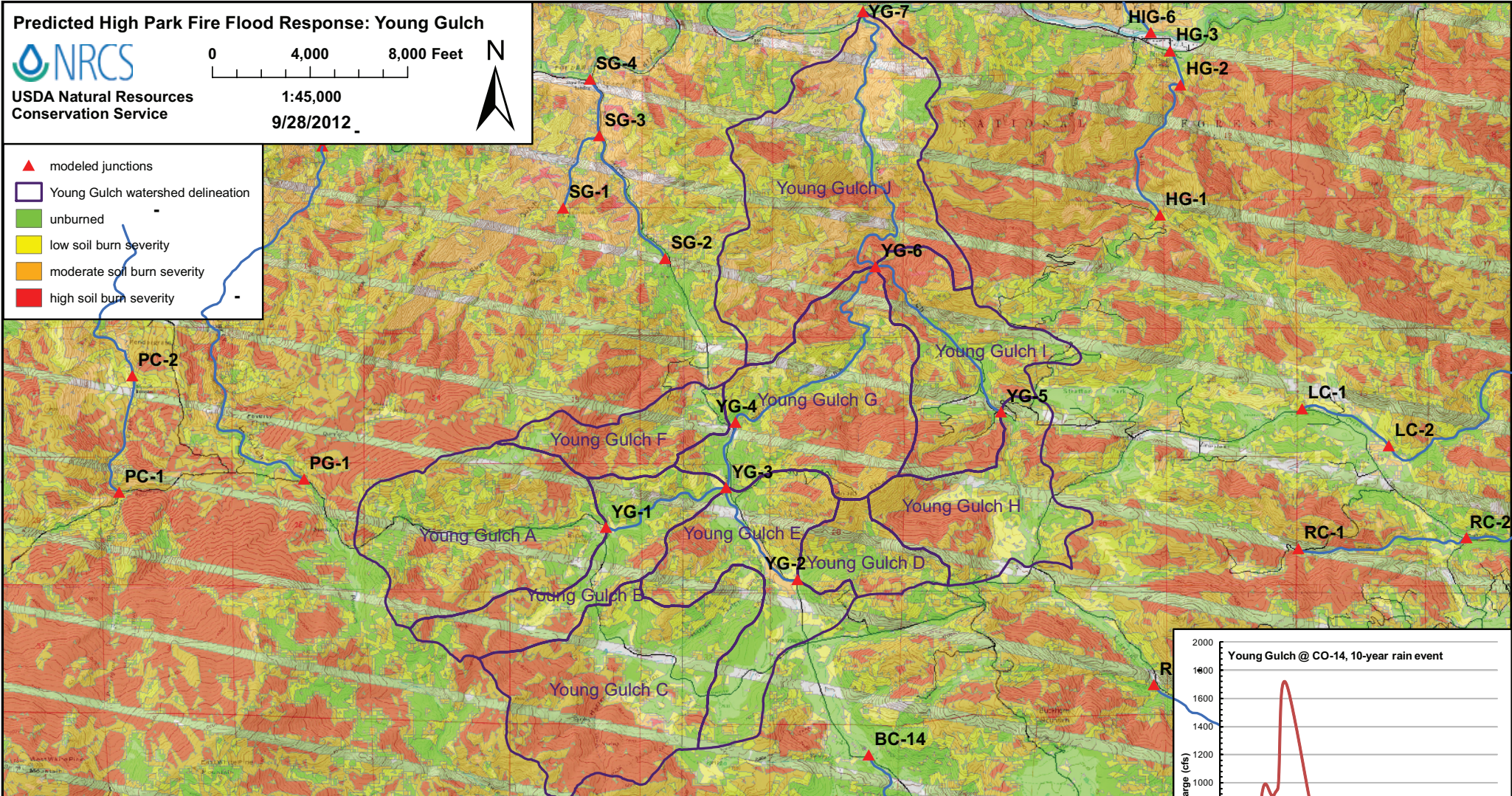


USDA Natural Resources Conservation Service



1:45,000  
9/28/2012

- ▲ modeled junctions
- Young Gulch watershed delineation
- 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) Pre Fire	Post/Pre	Peak Flow	Sed. Bulking Flow (cfs)	Predicted Flow (cfs) Pre Fire	Post/Pre	Peak Flow	Sed. Bulking Flow (cfs)	Predicted Flow (cfs) Pre Fire	Post/Pre	Peak Flow	Sed. Bulking Flow (cfs)	Predicted Flow (cfs) Pre Fire	Post/Pre	Peak Flow	Sed. Bulking Flow (cfs)	Predicted Flow (cfs) Pre Fire	Post/Pre	Peak Flow	Sed. Bulking Flow (cfs)
YG-1	1.94	0	18	n/a	23	65	230	3.6	290	140	390	2.8	490	270	640	2.3	800	350	780	2.2	970
Young Gulch-C	2.14	10	90	9	110	210	510	2.4	630	350	750	2.1	940	580	1100	1.9	1400	710	1300	1.9	1700
Young Gulch-D	0.54	7.4	29	4	32	87	180	2.0	190	140	250	1.8	280	230	380	1.6	420	280	460	1.6	500
YG-3	7.22	14	140	10	180	450	1100	2.6	1400	820	1800	2.2	2300	1400	2800	2.0	3500	1800	3300	1.9	4200
Young Gulch-F	0.67	0	14	n/a	18	24	120	4.8	140	51	180	3.5	230	99	290	2.9	360	130	340	2.7	430
YG-5	1.22	0	13	n/a	16	36	160	4.4	200	82	260	3.2	330	160	430	2.6	540	210	530	2.5	660
YG-6	12.39	11	160	15	200	540	1600	3.0	2000	1100	2700	2.5	3400	2000	4400	2.2	5500	2500	5300	2.1	6600
YG-7	15.25	11	160	15	210	550	1700	3.1	2200	1100	2900	2.6	3600	2100	5000	2.4	6200	2700	6100	2.2	7600