Predicted High Park Fire Flood Response: Poudre Park Area

USDA Natural Resources Conservation Service

0 — 5,000 Feet

1:35,000

9/28/2012

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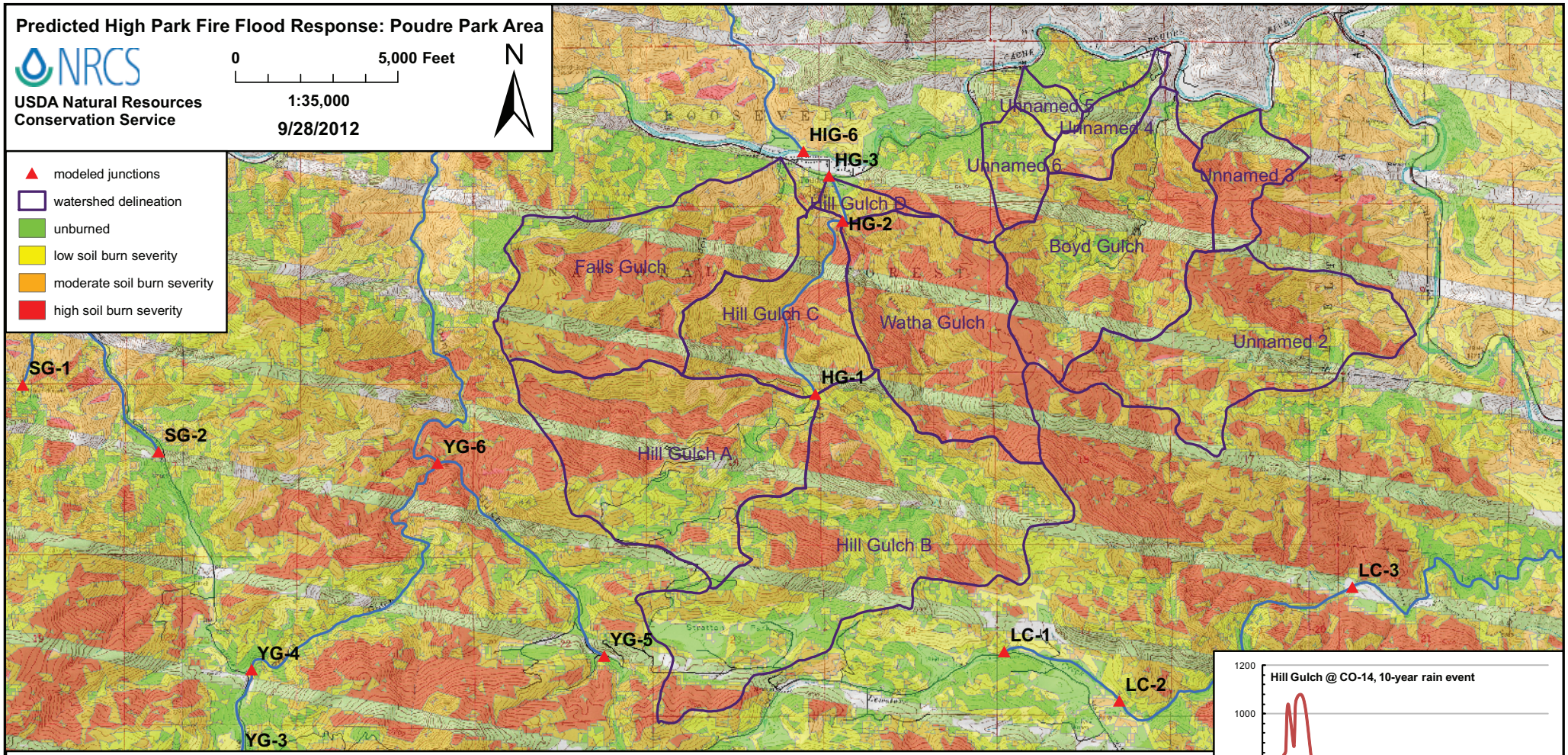
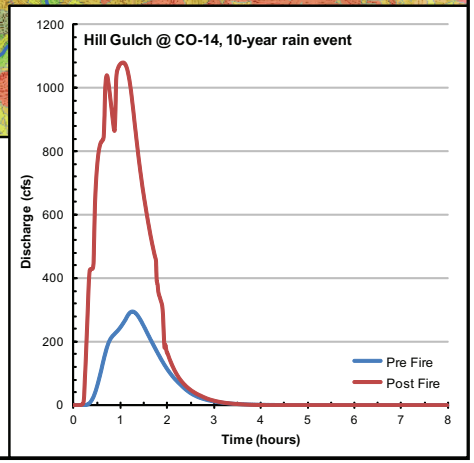
Junction or Catchment	Drainage Area (mi²)	2-Year Rain Event (0.8 inches) Predicted Flow (cfs) Pre Fire	Post Fire	Post/Pre Peak Flow	Sed. Bulking Flow (cfs)	10-Year Rain Event (1.5 inches) Predicted Flow (cfs) Pre Fire	Post Fire	Post/Pre Peak Flow	Sed. Bulking Flow (cfs)	25-Year Rain Event (1.8 inches) Predicted Flow (cfs) Pre Fire	Post Fire	Post/Pre Peak Flow	Sed. Bulking Flow (cfs)	50-Year Rain Event (2.2 inches) Predicted Flow (cfs) Pre Fire	Post Fire	Post/Pre Peak Flow	Sed. Bulking Flow (cfs)	100-Year Rain Event (2.4 inches) Predicted Flow (cfs) Pre Fire	Post Fire	Post/Pre Peak Flow	Sed. Bulking Flow (cfs)
Falls Gulch	1.33	6.3	120	20	160	140	550	**3.9**	680	240	770	**3.2**	960	390	1100	**2.8**	1400	480	1300	**2.6**	1600
Hill Gulch A	1.41	0	59	n/a	74	78	390	**5.0**	490	150	580	**3.8**	720	280	880	**3.1**	1100	360	1000	**2.9**	1300
Hill Gulch B	2.20	0	34	n/a	37	89	330	**3.7**	360	180	520	**2.9**	570	350	820	**2.4**	900	440	990	**2.3**	1100
HG-1	3.61	0	88	n/a	110	160	630	**4.0**	790	320	980	**3.1**	1200	600	1500	**2.5**	1900	760	1800	**2.4**	2300
Watha Gulch	1.12	12	150	12	180	150	580	**3.7**	720	260	810	**3.1**	1000	430	1100	**2.7**	1400	520	1300	**2.6**	1700
HG-2	5.45	12	200	17	250	290	1100	**3.6**	1300	560	1700	**3.0**	2100	990	2600	**2.6**	3200	1300	3000	**2.4**	3800
HG-3	5.53	12	200	17	250	300	1100	**3.6**	1400	560	1700	**3.0**	2100	990	2600	**2.6**	3200	1300	3100	**2.4**	3800
Boyd Gulch	1.22	0.30	76	253	95	97	420	**4.3**	520	180	610	**3.4**	760	310	900	**2.9**	1100	390	1100	**2.7**	1300
Unnamed 2	1.17	0	63	n/a	79	82	360	**4.3**	440	150	520	**3.5**	650	270	770	**2.9**	960	330	900	**2.7**	1100
Unnamed 3	0.28	0	28	n/a	35	21	130	**6.2**	160	42	200	**4.6**	240	81	290	**3.6**	360	100	350	**3.4**	430
Unnamed 4	0.20	0.40	5.8	15	6.4	21	48	**2.3**	53	38	74	**1.9**	81	67	120	**1.7**	130	83	140	**1.7**	150
Unnamed 5	0.089	0	1.2	n/a	1.3	7.9	17	**2.2**	19	16	27	**1.7**	30	29	43	**1.5**	47	36	51	**1.4**	56
Unnamed 6	0.21	0	6.2	n/a	6.8	12	55	**4.6**	61	26	82	**3.2**	90	52	130	**2.5**	140	67	160	**2.4**	170