Predicted High Park Fire Flood Response: Pendergrass & Poverty

USDA Natural Resources Conservation Service

0 — 7,000 Feet

1:40,000

10/1/2012

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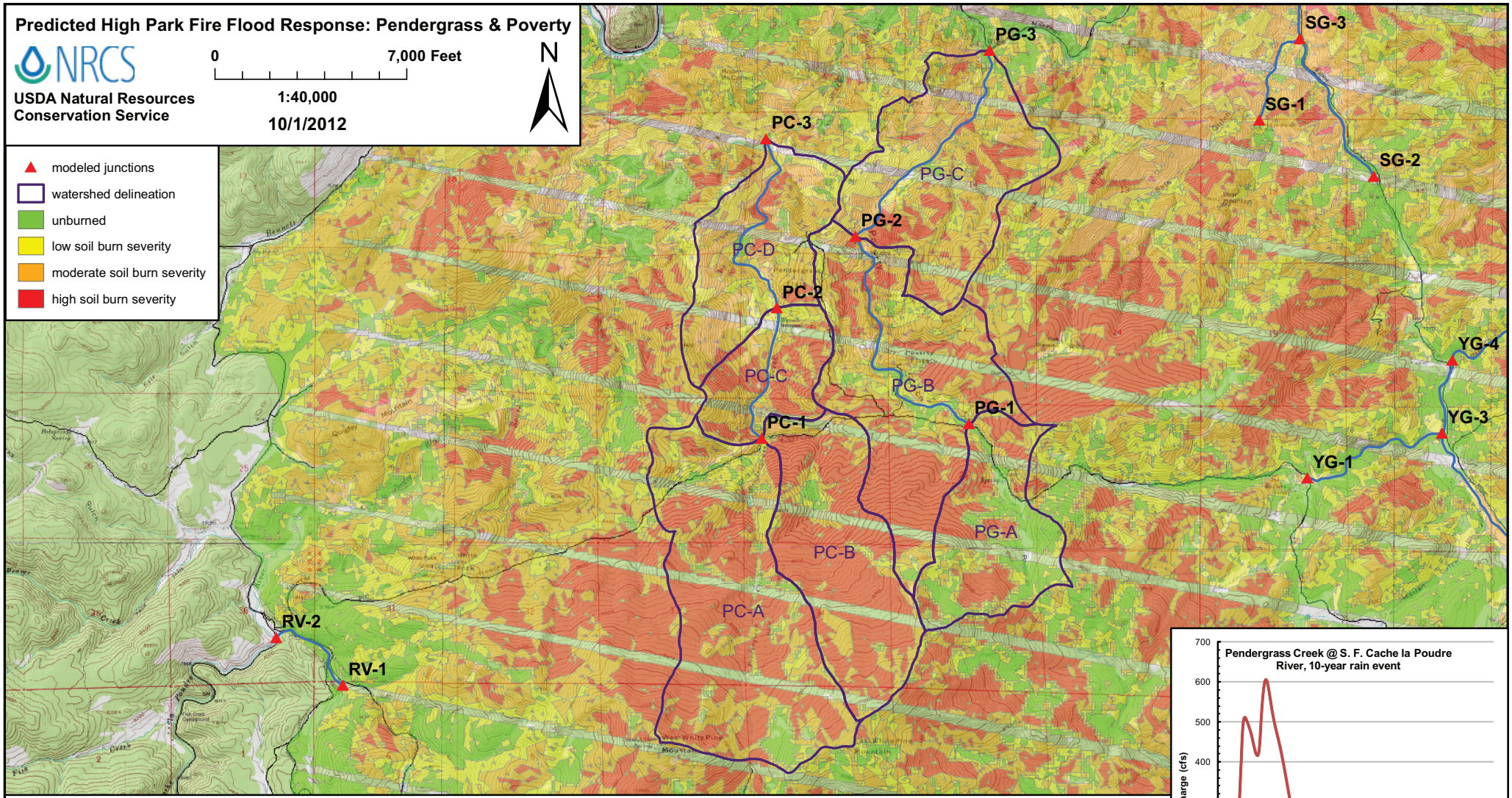
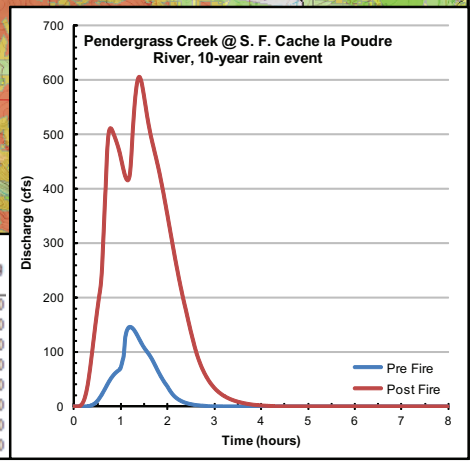
Junction or Catchment	Drainage Area (m^2)	2-Year Rain Event (0.8 inches) Predicted Flow (cfs) Pre Fire	Post Fire	Post/Pre Peak Flow	Sed. Bulking Flow (cfs)	10-Year Rain Event (1.5 inches) Predicted Flow (cfs) Pre Fire	Post Fire	Post/Pre Peak Flow	Sed. Bulking Flow (cfs)	25-Year Rain Event (1.8 inches) 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)
Pendergrass Creek A	2.16	0	18	n/a	23	0	260	n/a	330	7.4	440	**59**	550	51	710	**14**	890	85	860	**10**	1100
Pendergrass Creek B	1.36	0	14	n/a	18	0	180	n/a	220	0	290	n/a	370	4.3	470	**109**	590	13	570	**44**	710
PC-1	3.62	0	32	n/a	40	0	440	n/a	550	7.4	730	**98**	910	55	1200	**21**	1500	96	1400	**15**	1800
PC-2	4.11	3.6	58	16	73	76	520	**6.8**	650	130	860	**6.5**	1100	230	1400	**6.1**	1700	280	1700	**6.1**	2100
PC-3	5.13	3.2	96	30	120	150	610	**4.1**	760	260	1000	**3.8**	1300	460	1700	**3.6**	2100	570	2000	**3.5**	2500
PG-1	0.97	0	0	n/a	0	0.1	58	**580**	73	9.9	110	**11**	140	41	200	**4.9**	250	63	250	**4.0**	320
PG-2	2.78	0.2	95	475	120	110	480	**4.3**	600	200	710	**3.5**	880	360	1000	**2.9**	1300	450	1200	**2.7**	1500
PG-3	4.31	0.2	100	500	130	120	650	**5.4**	810	240	980	**4.0**	1200	460	1500	**3.2**	1800	600	1700	**2.9**	2200