Predicted High Park Fire Flood Response: Skin Gulch Area

USDA Natural Resources Conservation Service

0 — 5,000 Feet

1:25,000

10/24/2012

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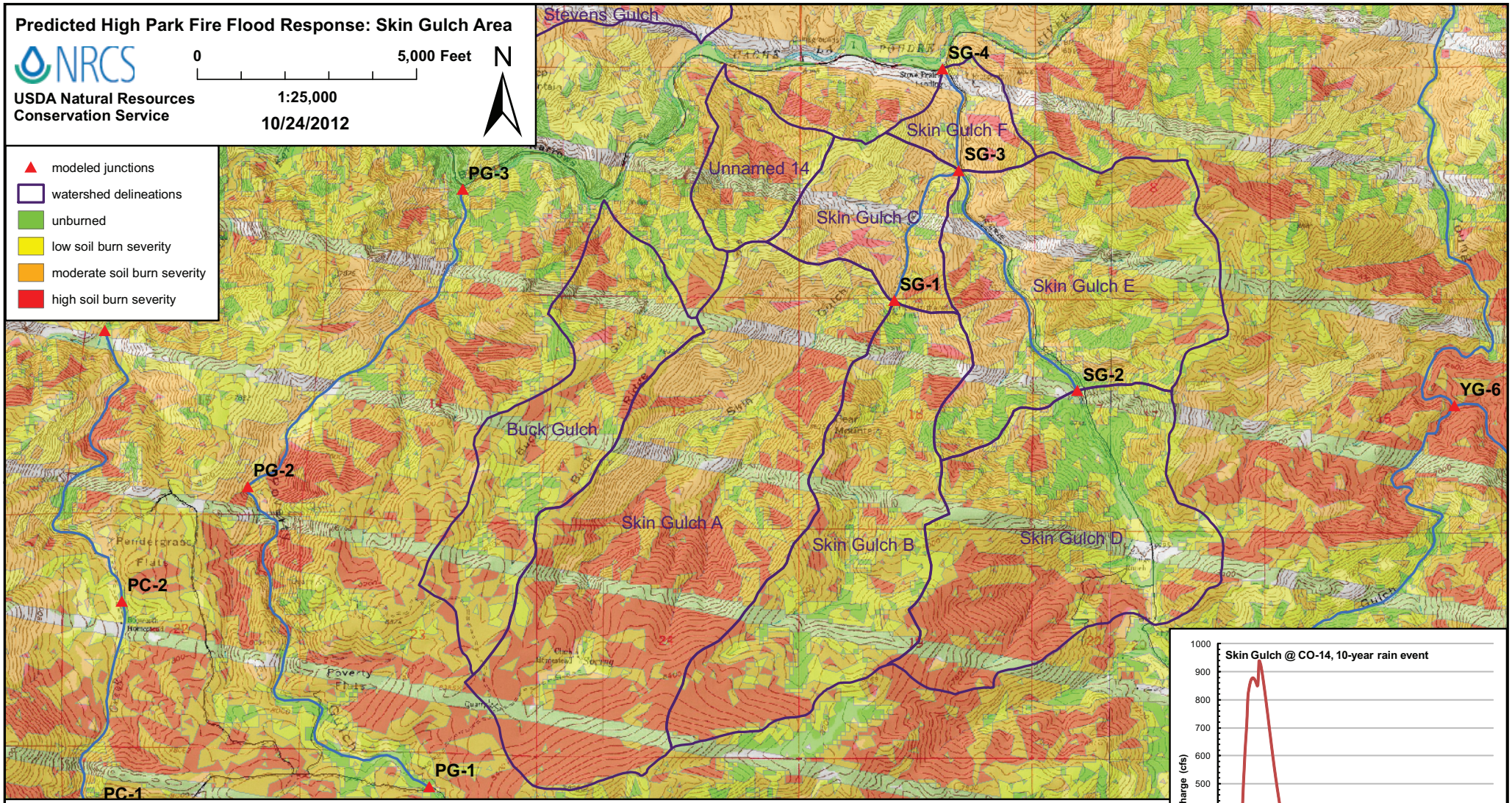
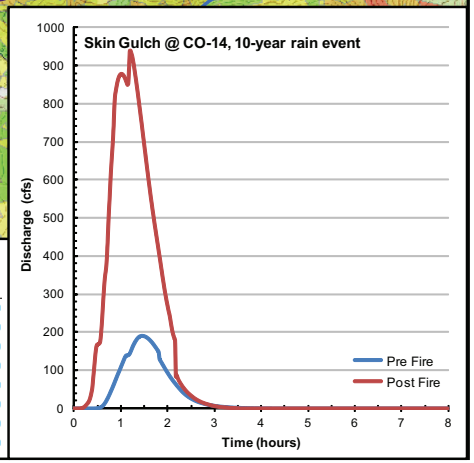
Junction or Catchment	Drainage Area (mi²)	2-Year Rain Event (0.8 inches) Predicted Flow (cfs) Pre Fire	Post Fire	Post/Pre Peak Flow	Sed. Bulking Flow (cfs)	10-Year Rain Event (1.5 inches) Predicted Flow (cfs) Pre Fire	Post Fire	Post/Pre Peak Flow	Sed. Bulking Flow (cfs)	25-Year Rain Event (1.8 inches) 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)
Skin Gulch A	2.02	0	37	n/a	46	30	320	**10.6**	400	85	510	**6.0**	640	190	800	**4.2**	1000	260	960	**3.8**	1200
Skin Gulch B	1.07	0.6	43	72	54	80	260	**3.3**	330	140	390	**2.7**	490	250	590	**2.4**	740	310	700	**2.3**	870
SG-1	3.09	0.6	79	132	99	100	570	**5.5**	710	220	880	**4.1**	1100	420	1400	**3.3**	1700	540	1600	**3.1**	2000
SG-2	1.19	0	21	n/a	26	45	190	**4.3**	240	96	310	**3.3**	390	190	500	**2.7**	630	240	610	**2.5**	760
SG-3	5.81	0.6	110	180	140	190	950	**5.0**	1200	390	1500	**3.8**	1900	800	2400	**3.0**	3000	1000	2900	**2.8**	3600
SG-4	5.99	0.6	110	180	140	190	940	**4.9**	1200	400	1500	**3.9**	1900	790	2400	**3.0**	3000	1000	2900	**2.8**	3600
Buck Gulch	0.79	0	15	n/a	19	34	130	**3.8**	160	70	210	**2.9**	260	130	330	**2.5**	410	170	390	**2.3**	490
Unnamed 14	0.28	0	1.9	n/a	2.4	2.0	41	**20.5**	51	9.7	69	**7.1**	86	25	120	**4.7**	150	33	140	**4.3**	180