Predicted High Park Fire Flood Response: Hewlett Gulch

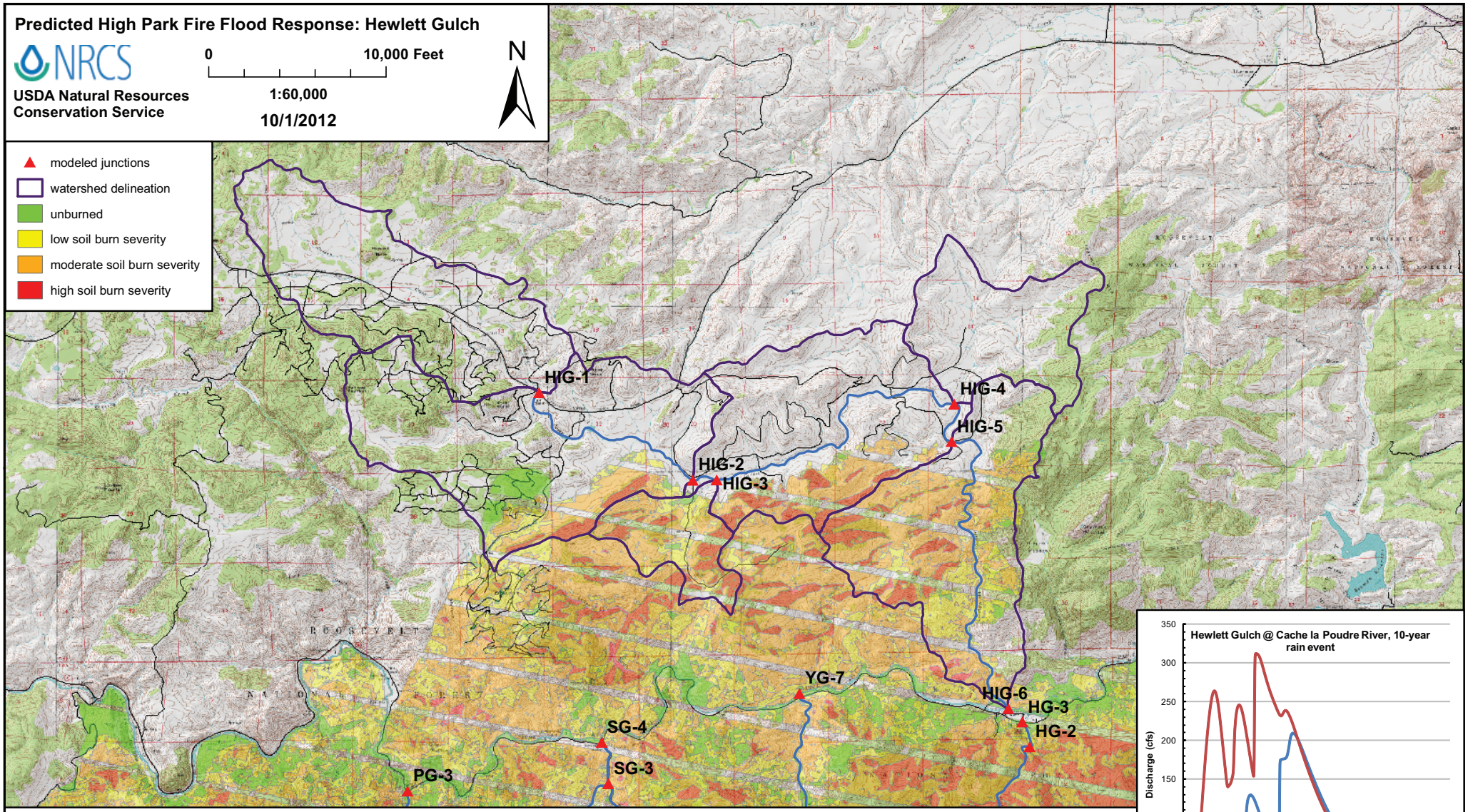
USDA Natural Resources Conservation Service

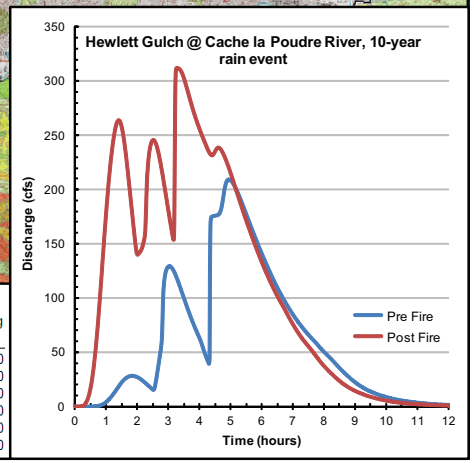
0 — 10,000 Feet

1:60,000

10/1/2012

N





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)
HIG-1	4.28	0	0	n/a	0	110	110	**1.0**	110	220	220	**1.0**	220	410	410	**1.0**	410	520	520	**1.0**	520
HIG-2	9.75	0	0.2	n/a	0	200	230	**1.1**	260	440	490	**1.1**	540	850	930	**1.1**	1000	1100	1200	**1.1**	1300
Hewlett Gulch C	1.13	0	20	n/a	25	39	170	**4.4**	220	82	270	**3.3**	340	160	430	**2.8**	540	200	520	**2.6**	650
HIG-3	10.88	0	20	n/a	22	210	250	**1.2**	280	450	500	**1.1**	550	870	950	**1.1**	1000	1100	1200	**1.1**	1300
HIG-5	17.43	0	15	n/a	17	210	300	**1.4**	330	470	610	**1.3**	680	950	1200	**1.3**	1300	1200	1500	**1.2**	1700
HIG-6	21.79	0	12	n/a	13	210	310	**1.5**	340	470	650	**1.4**	720	960	1300	**1.4**	1500	1300	1700	**1.4**	1900