

Predicted High Park Fire Flood Response: Hewlett Gulch



USDA Natural Resources Conservation Service

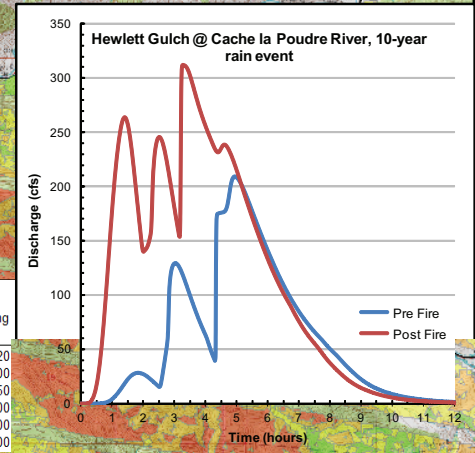
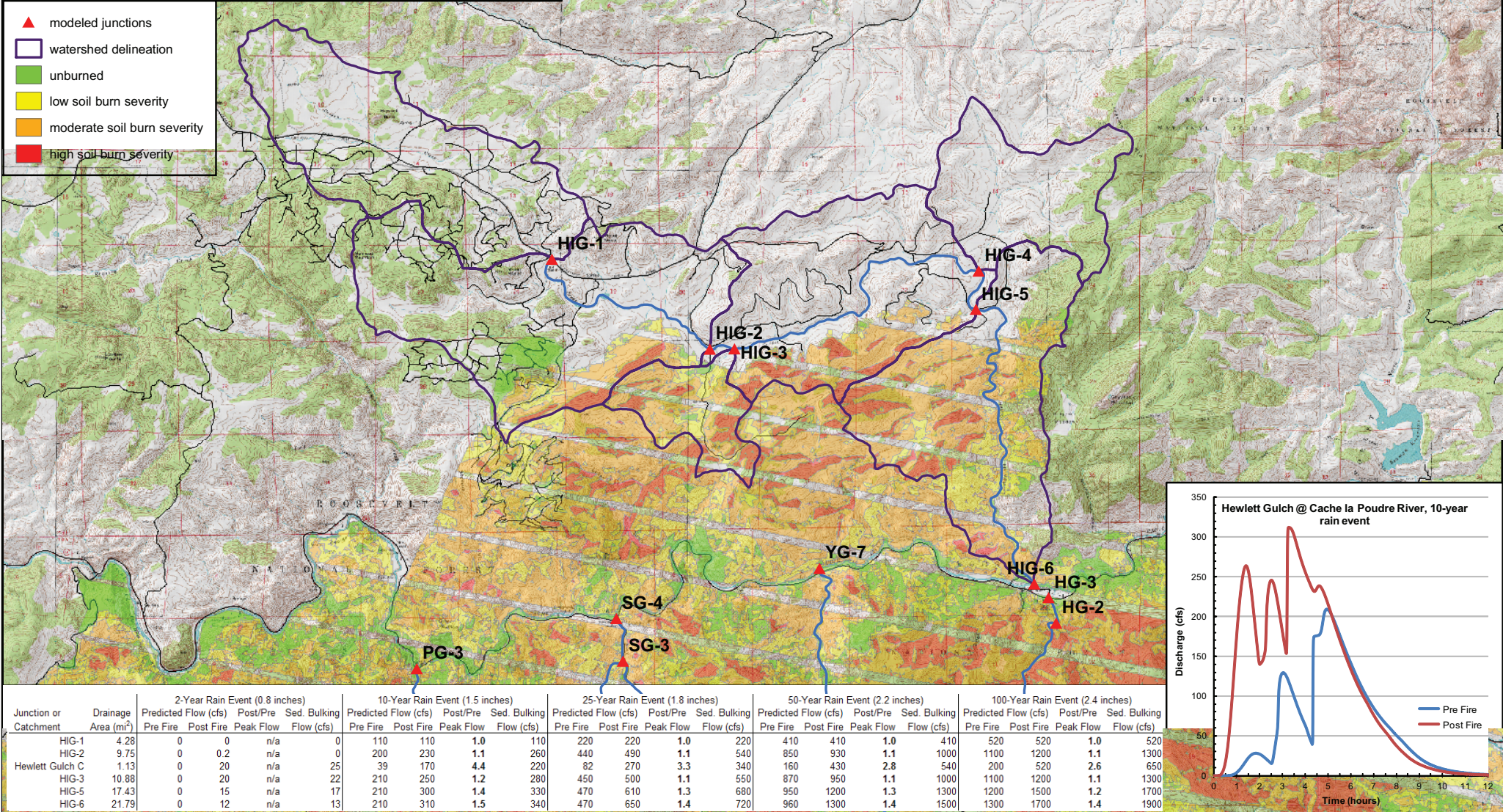
0 10,000 Feet

1:60,000

10/1/2012



- ▲ modeled junctions
- watershed delineation
- unburned
- low soil burn severity
- moderate soil burn severity
- high soil burn severity



Junction or Catchment	Drainage Area (mi ²)	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)		Post/Pre Peak Flow	Sed. Bulking Flow (cfs)	Predicted Flow (cfs)		Post/Pre Peak Flow	Sed. Bulking Flow (cfs)	Predicted Flow (cfs)		Post/Pre Peak Flow	Sed. Bulking Flow (cfs)	Predicted Flow (cfs)		Post/Pre Peak Flow	Sed. Bulking Flow (cfs)	Predicted Flow (cfs)		Post/Pre Peak Flow	Sed. Bulking Flow (cfs)
		Pre Fire	Post Fire			Pre Fire	Post Fire			Pre Fire	Post Fire			Pre Fire	Post Fire			Pre Fire	Post Fire		
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