100-YEAR PEAK DISCHARGES

Ultimate Condition
50% Confidence

Location	Area (ac)	Q_{100} (cfs)
Santiago Creek (E08) upstream of Harding Creek (E19)	4,708	4,600
Harding Creek (E19) upstream of Santiago Creek (E08)	3,136	3,950
Santiago Creek (E08) just downstream of Harding Creek (E19)	7,844	7,000
Santiago Creek (E08) upstream of Williams Creek (E24)	9,511	7,000
Williams Creek (E24) upstream of Santiago Creek (E08)	1,438	2,000
Santiago Creek (E08) just downstream of Williams Creek (E24)	10,949	8,000
Santiago Creek (E08) upstream of Silverado Creek (E17)	12,252	8,000
Silverado Creek (E17) upstream of Ladd Creek (E18)	6,673	6,600
Ladd Creek (E18) upstream of Silverado Creek (E17)	5,390	6,600
Silverado Creek (E17) just downstream of Ladd Creek (E18)	12,063	12,400
Silverado Creek (E17) upstream of Santiago Creek (E08)	13,227	12,400
Santiago Creek (E08) just downstream of Silverado Creek (E17)	25,479	16,700
Santiago Creek (E08) upstream of Baker Creek (E16)	25,619	16,700
Baker Creek (E16) upstream of Santiago Creek (E08)	2,673	2,850
Santiago Creek (E08) just downstream of Baker Creek (E16)	28,292	17,300
Santiago Creek (E08) upstream of Black Star Creek (E15)	28,385	17,400

100-YEAR PEAK DISCHARGES

ultimate Condition
50 % Confidence

Location	Area (ac)	Q_{100} (cfs)
Black Star Creek (E15) upstream of Santiago Creek (E08)	4,478	4,450
Santiago Creek (E08) just downstream of Black Star Creek (E15)	32,863	19,200
Santiago Creek (E08) upstream of Irvine Lake (E08D02)	33,940	19,200
Limestone Creek (E14) upstream of Irvine Lake (E08D02)	3,528	3,400
Santiago Creek (E08) just downstream of Irvine Lake (E08D02) 2 day storm is critical storm	40,788	12,600
Fremont Creek (E20) upstream of Santiago Creek (E08)	6,765	5,600
Blind Creek (E22) upstream of Santiago Creek (E08)	1,481	2,000
Santiago Creek (E08) just downstream of Blind Creek (E22) 2 day storm is critical storm	49,424	14,600
Santiago Creek (E08) upstream of Villa Park Reservoir (E08D01) 2 day storm is critical storm	50,549	14,600
Weir Creek (E21) upstream of Villa Park Reservoir (E08D01)	1,931	2,600
Outflow from Villa Park Dam (E08D01) 2 day storm is critical storm	53,845	3,500