

## Rainier Storm Events

Storm Event	Fox Creek Flow Rate <sup>1</sup> (cfs)	Approx. 24-hr Rainfall (in)
2 yr	155	2.1 <sup>1</sup>
5 yr	230	4.75 <sup>2</sup>
10 yr	281	5.5 <sup>2</sup>
25 yr	346	6 <sup>2</sup>
50 yr	394	7.5 <sup>2</sup>
100 yr	442	8.5 <sup>2</sup>

270 cfs  
Culvert Capacity Before Over  
Topping West C Street

1. Derived by Kleinschmidt Group for the Fox Creek Hydrological Analysis TM.
2. Data taken from the US Department of Commerce Weather Bureau Technical Paper No. 40 Rainfall Frequency Atlas of the United States.
3. Culvert capacity derived from Murraysmith hydraulic model.

