



Runoff Potential measures the potential of each drainage basin to deliver large volumes of stormwater quickly to the watercourse, as determined by basin drainage area, slope, surficial geology, and impervious cover. These high intensity stormwater flows can cause channel degradation and enlargement, as measured by Channel Erosion Stage.

Data Sources: 2002 SPU Subcatchment and Outfall data, 2005 Pacific Northwest Center for Geologic Mapping Studies Surficial Geology data, 2002 University of Washington Urban Ecology Research Laboratory LANDSAT data, 2000 SPU Channel Condition Survey

Map 22

Piper's Creek
Subcatchment Runoff Potential & Channel Erosion Stage

The City of Seattle
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0 250 500 1,000
 Feet

Legend

Runoff Potential	Erosion Stage	Watercourse Segments
● High Runoff Potential	Light Green Line Slight Downcut	--- Unsurveyed Channel
● Moderate Runoff Potential	Yellow Line Constructed	--- Culvert
● Low Runoff Potential	Red Line Degradation, Degradation and Widening or Frozen	--- City Boundary
	Orange Line Aggradation and Widening	--- Streets
	Green Line Restabilization	--- Watershed Boundary*
		Green Box Parks

*Map doesn't show entire watershed boundary, refer to Figure 1-1 for entire watershed boundary.