



**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 13**

**Longfellow Creek**  
**Subcatchment Runoff Potential & Channel Erosion Stage**

**The City of Seattle**

Produced by the City of Seattle  
 June 2007

THE CITY OF SEATTLE, 2007. All rights reserved

No guarantee of any sort implied, including accuracy, completeness, or fitness for use.

0 500 1,000 2,000  
 Feet

**Legend**

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

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