

Eastside Extensive Riparian Status and Trends-Temperature

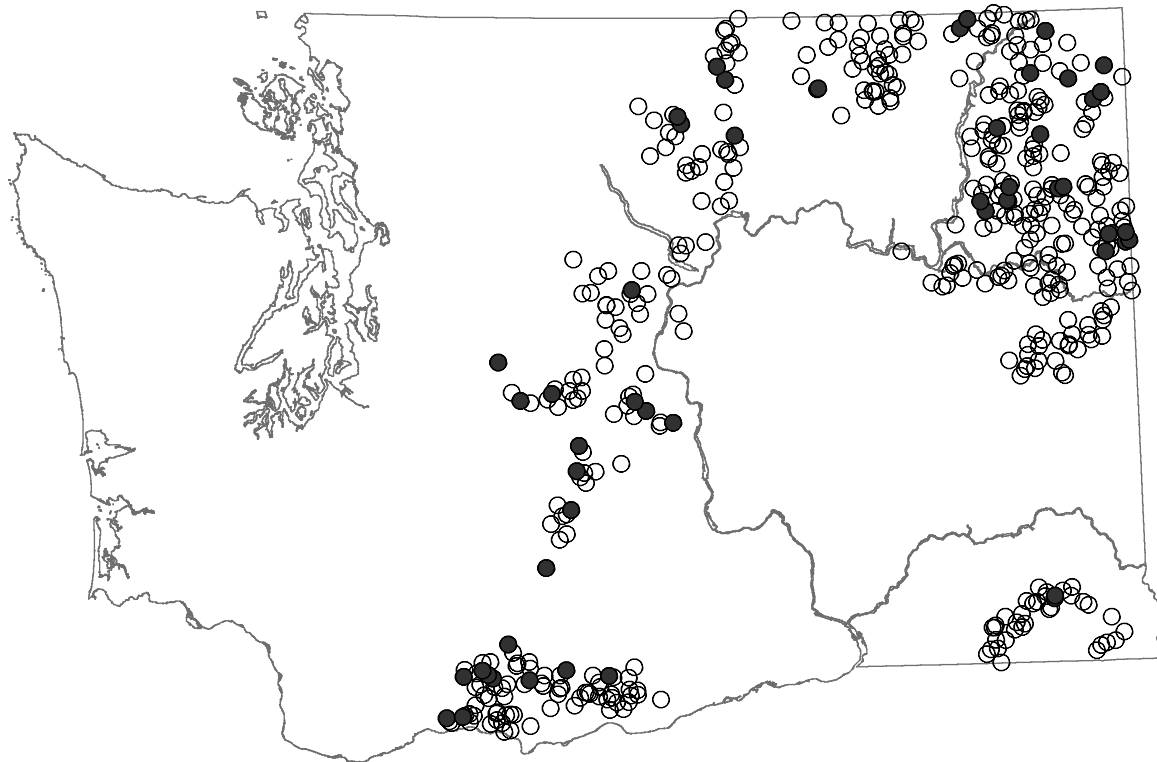
Study Objectives

- Estimate the frequency distribution of water temperature metrics in fish-bearing streams on FFR lands in eastern Washington.
- Describe sampled sites.
- Provide the data with which Ecology can evaluate the current rate of compliance with select water quality standards.

Site Criteria

- Used 24k stream layer
- Forested land based on USGS Landsat-based 'Forest Land' classification.
- Not federal ownership
- Not part of a separate Habitat Conservation Plan
- Not included in an Urban Growth Area

Sites-Evaluated and Sampled



Legend

- Sampled
- All

471 Sites Evaluated

no. of sites	% sample	Definition
28	5.9	landowner not identified
11	2.3	landowner declines
113	24.0	no response from landowner
59	12.5	other (non-FFR) lands
155	32.9	non-target (non-Type F) waters;
7	1.5	reason for rejection unknown
48	10.2	target not sampled
50	10.6	target sampled

Reason	Public	Industrial	SFLO
landowner not identified	4	5	19
landowner declined	0	0	11
no response from landowner	3	3	107
other (non-FFR) lands	15	5	39
non-target (non-Type F) waters	14	29	112
target not sampled	22	23	3
target sampled	21	26	3
Unknown	0	6	1
Sum	79	97	295
% of sample drawn	16.8	20.6	62.6
Success rate	27%	27%	1%

Properties	Case 1	Case 2	Case 3	Case 4
Sample frame	7224 km			
Conditions	all sites are target	mix of target and non-target		
	no loss of sites	loss of sites at random		differential loss of sites
	No stratification			by ownership
Scope of Inference (% of sample frame)	7224 km (100%)	4847 km (67%)	2284 km (32%)	1786 km (25%)