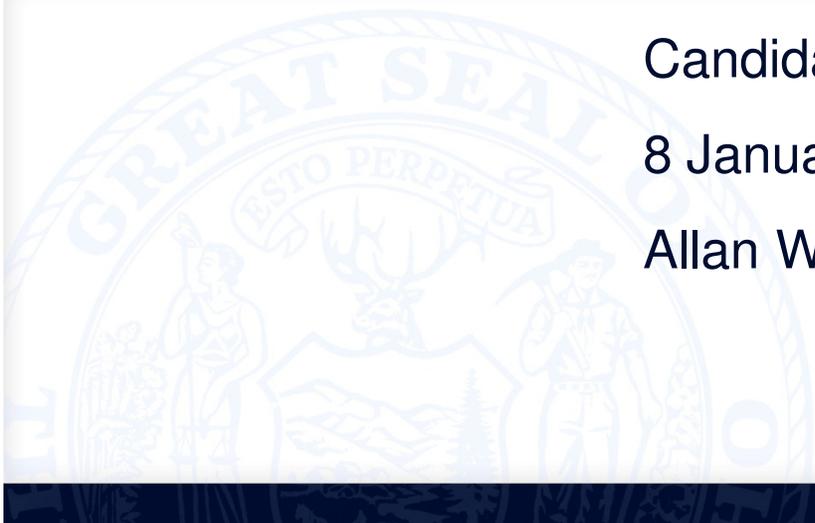




Candidate improvements for ESPAM2.next

8 January 2013

Allan Wylie



ESPAM2.next

- Brainstorm possible upgrades
- Prioritize
 - Recognize that we want to roll out ESPAM2.next in one or two years
- Conduct experimental calibration runs using highest priority upgrades
- Refine prioritization
- Calibrate ESPAM2.next

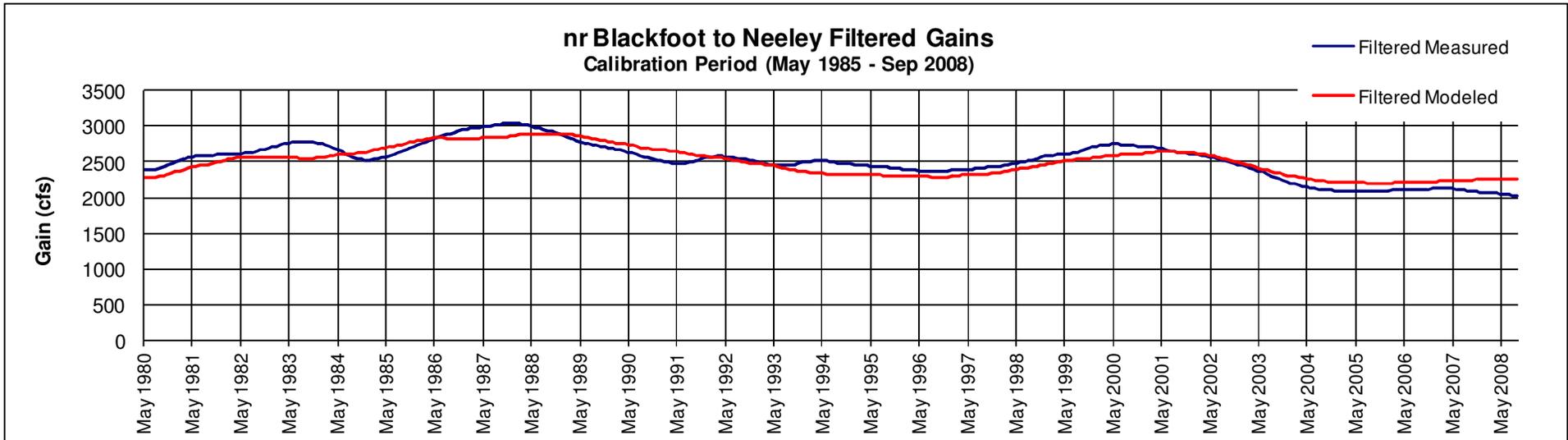
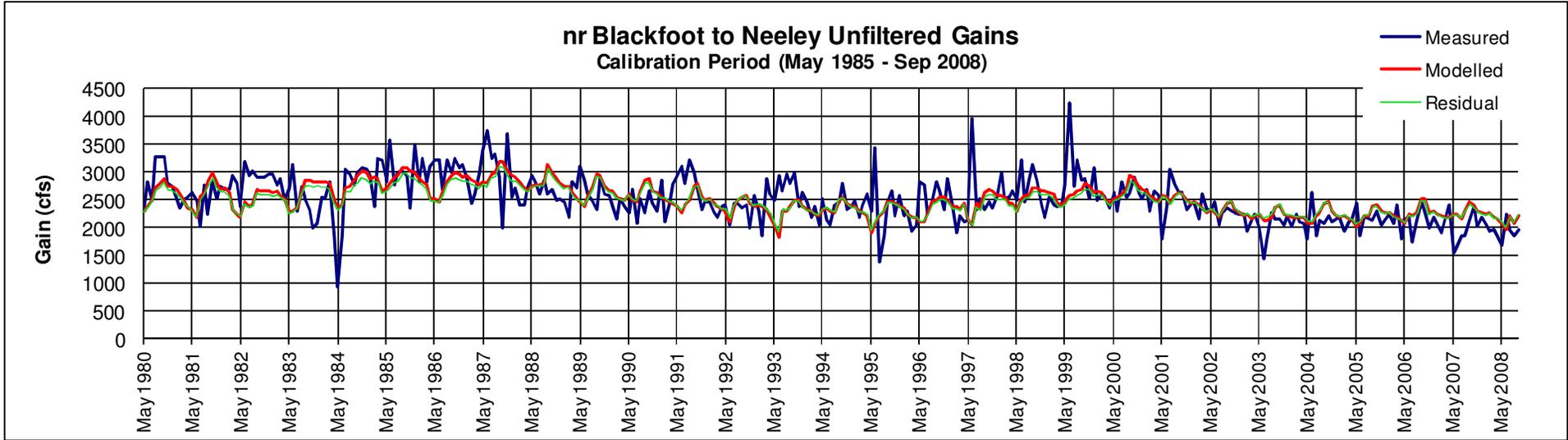
Candidates From Past Meeting Notes

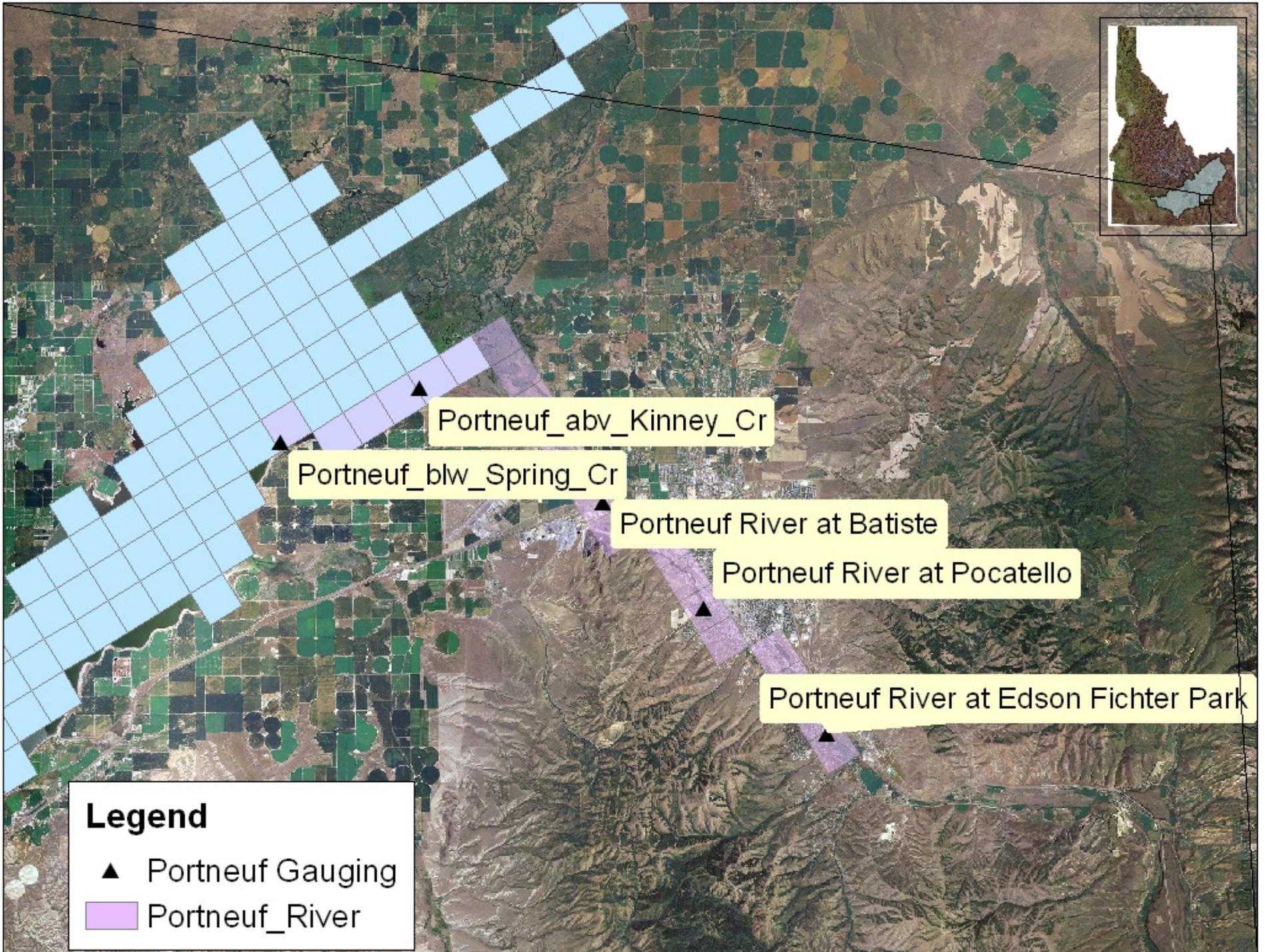
- Include filtered and unfiltered Snake River gains
- Add Portneuf River
- Include Menan gage
 - Heise-Shelley will become Heise-Menan and Menan-Shelley
- Include multiple model layers in selected areas
- Include cross plot, slope, and R^2 as calibration targets
 - Perhaps not with noisy Snake River gain data
- Incorporate more METRIC data
- Refine procedure to represent ET between METRIC years
- Extend model dataset



END







Legend

▲ ESPAM Next Gauges

Reach

Ashton-Rexburg

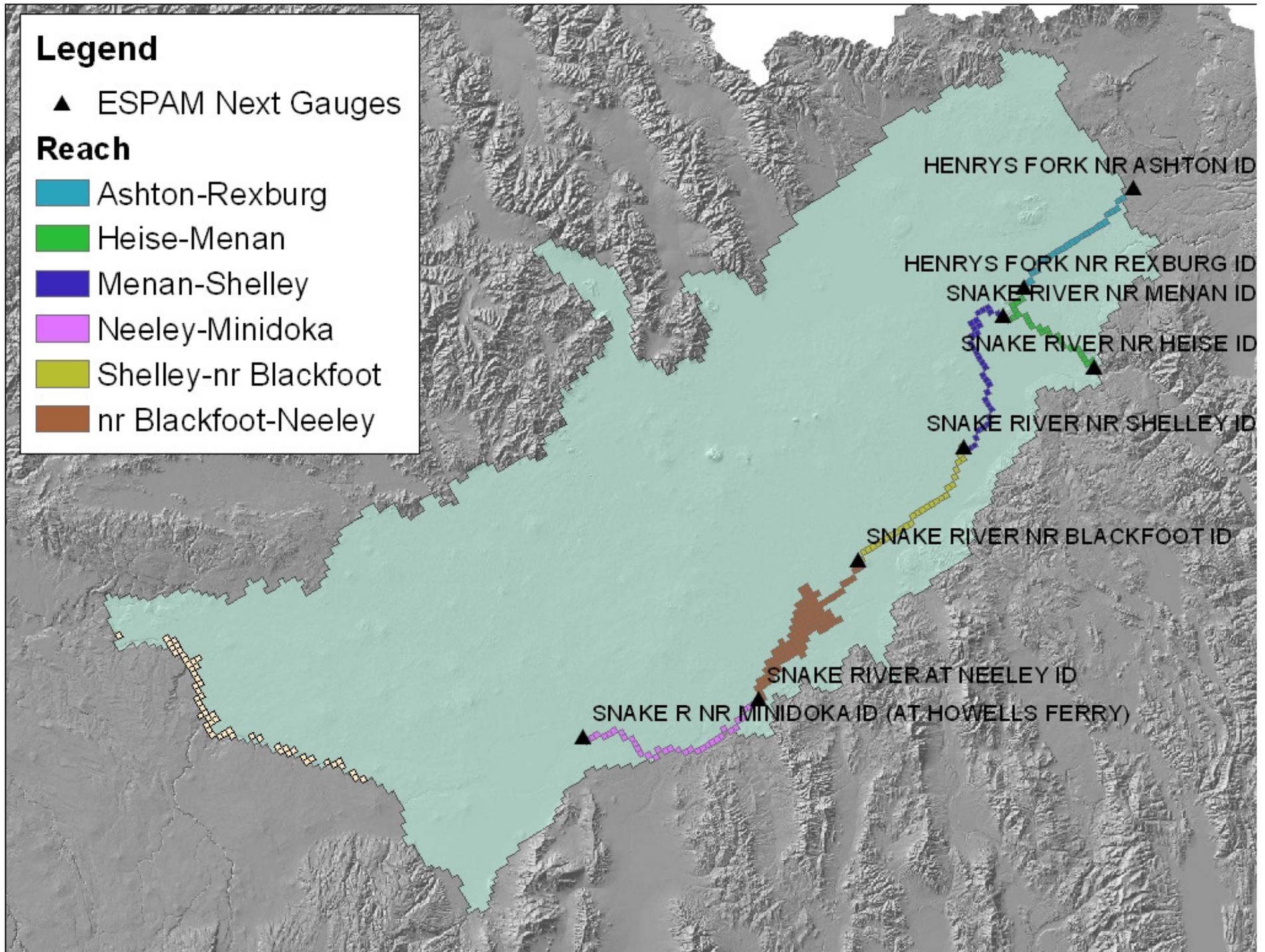
Heise-Menan

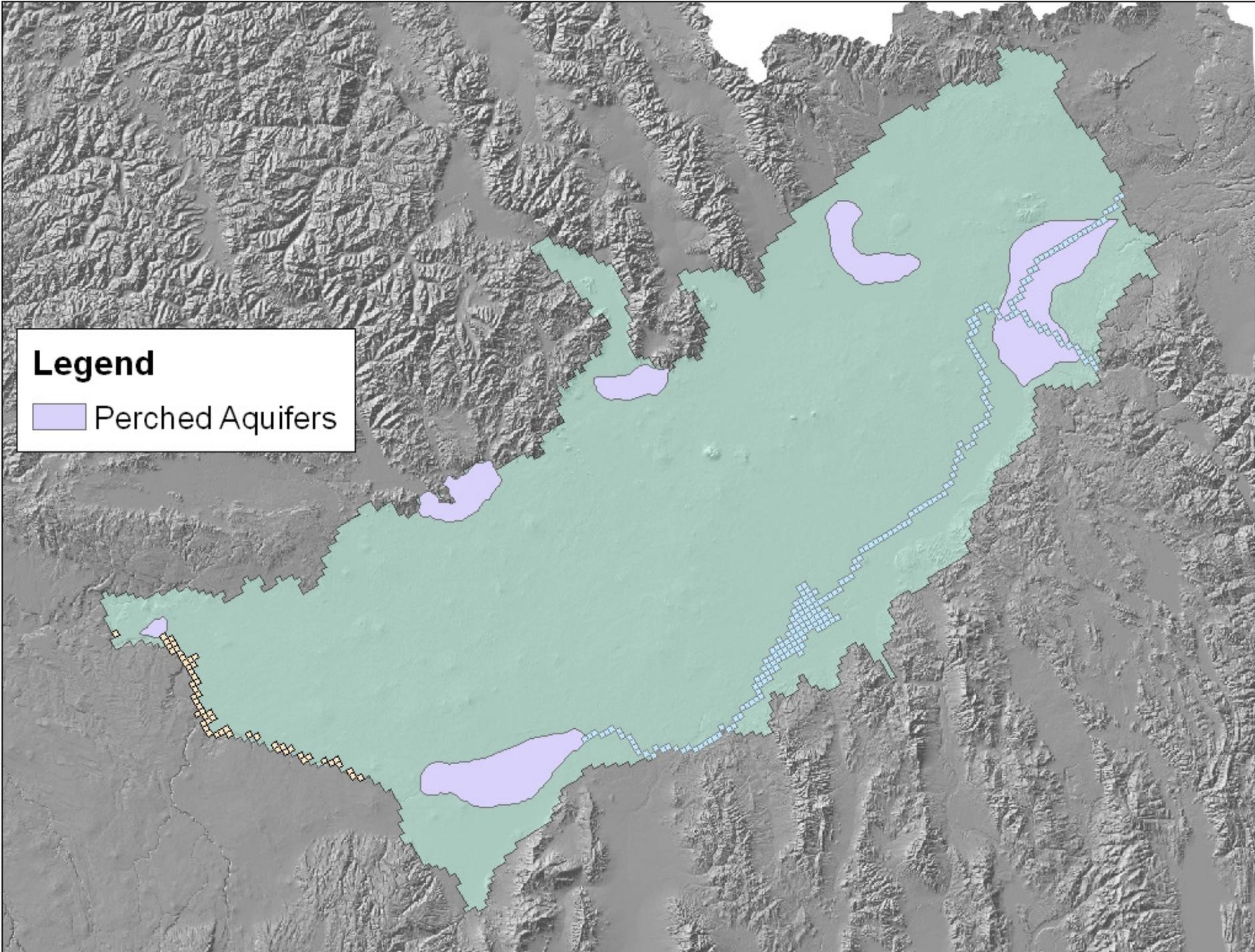
Menan-Shelley

Neeley-Minidoka

Shelley-nr Blackfoot

nr Blackfoot-Neeley





Legend
Perched Aquifers

Scatter Plot

1985 - 2008

$R^2 = 0.6346$

