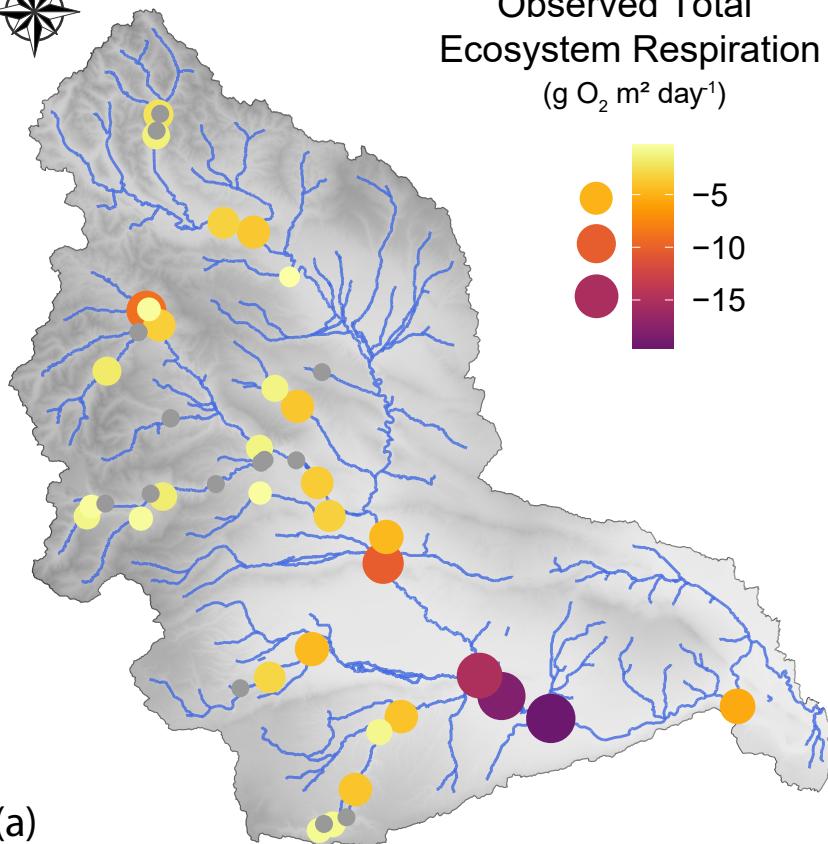
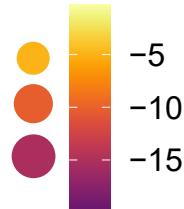
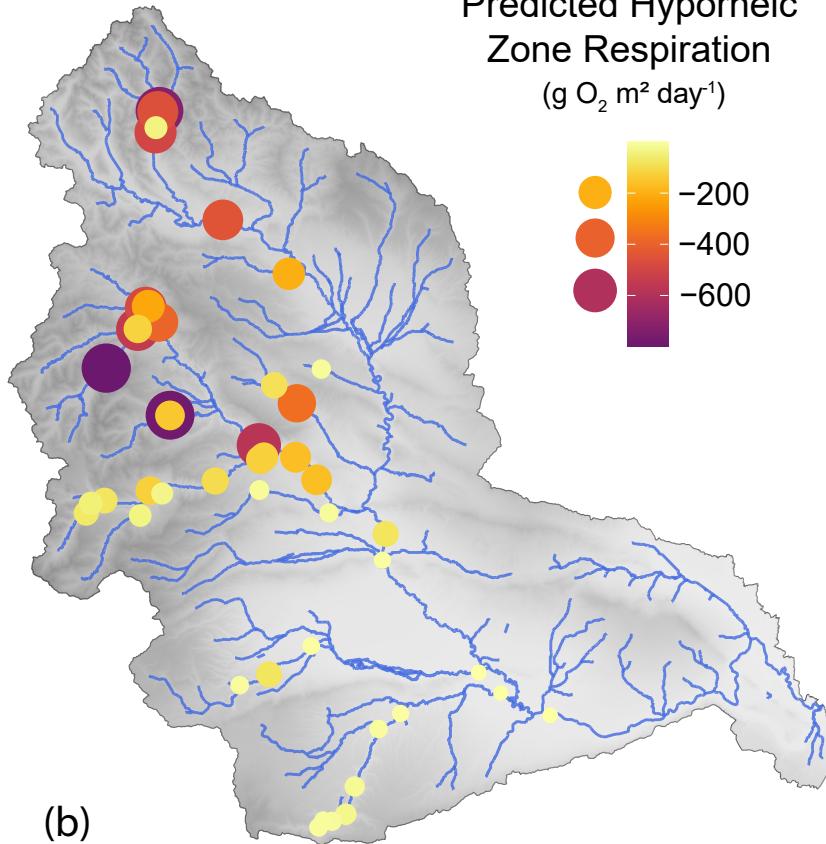
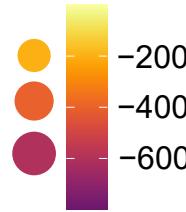




Observed Total
Ecosystem Respiration
($\text{g O}_2 \text{ m}^2 \text{ day}^{-1}$)



Predicted Hyporheic
Zone Respiration
($\text{g O}_2 \text{ m}^2 \text{ day}^{-1}$)



40 km