

The Wildlands Conservancy – Beaver Valley Headwaters Preserve

East Fork Scott River – Direct observation survey – August 17, 2022

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YOY Coho Salmon – East Fork Scott River

A large group of juvenile young of the year (YOY) Coho Salmon were observed rearing in the East Fork Scott River in a deep flatwater. A direct observation survey was performed on the afternoon of August 17, 2022. Approximately, 200 – 300 Coho Salmon were observed holding in the deeper water of the flatwater. The water temperature in the location of the fish was significantly cooler ($\approx 19^{\circ}\text{C}$) than the ambient water temperature upstream of the fish ($\approx 22^{\circ}\text{C}$). It is hypothesized that the cooler temperature in the deeper water is created by hyporheic water reentering the surface water.



East Fork Scott River – Looking downstream



Documenting temperature in location of Coho Salmon in deep flatwater



Documenting ambient temperature upstream of location of Coho Salmon



YOY Coho Salmon in East Fork Scott River