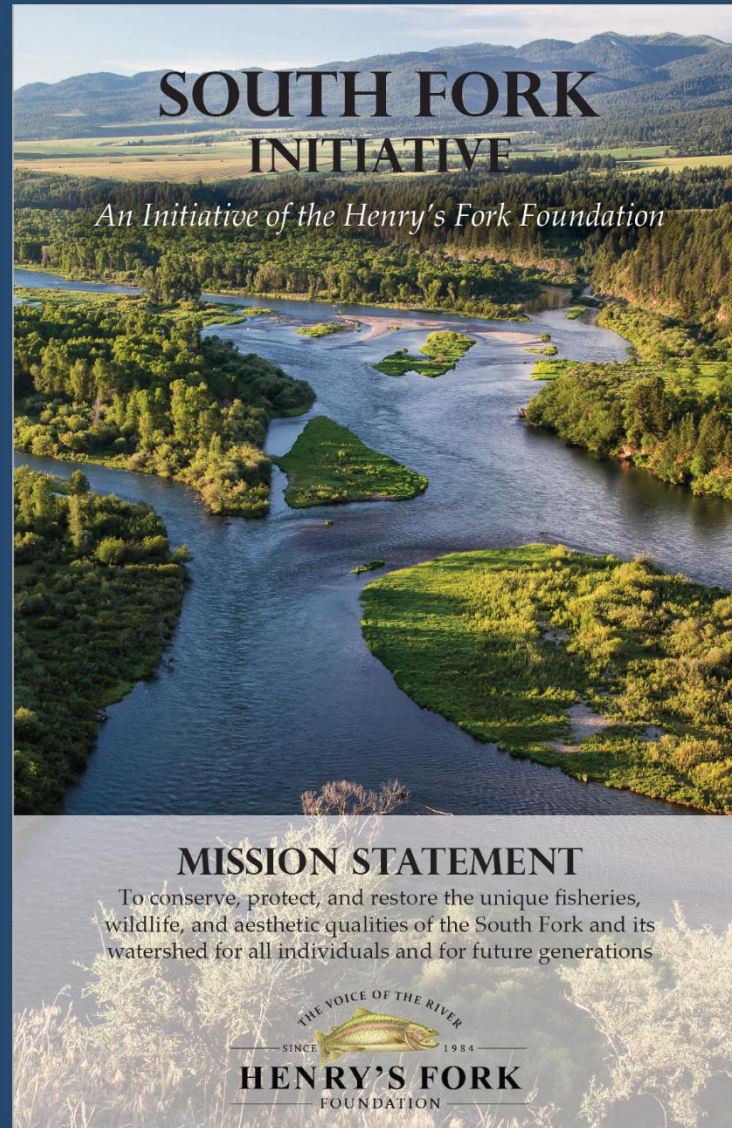


South Fork Initiative Update



By
Bryce Oldemeyer

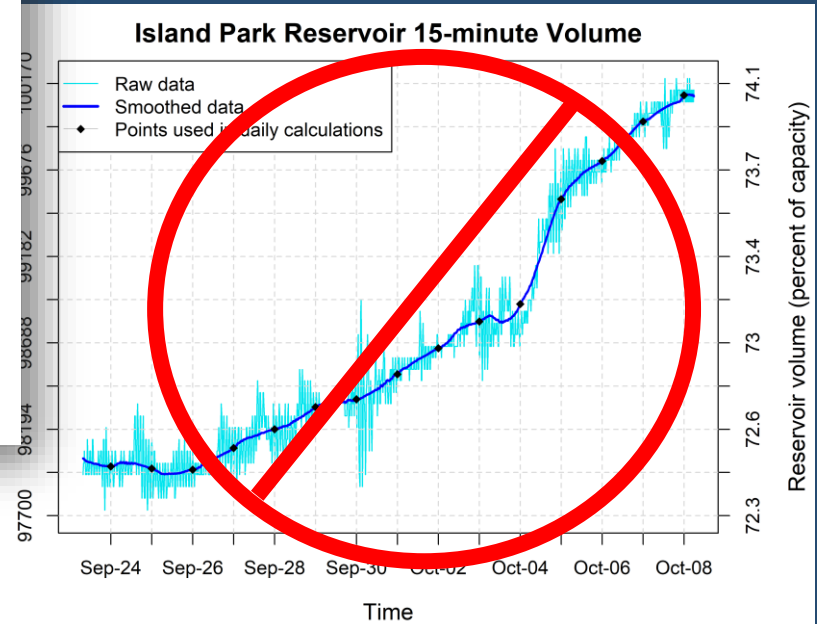
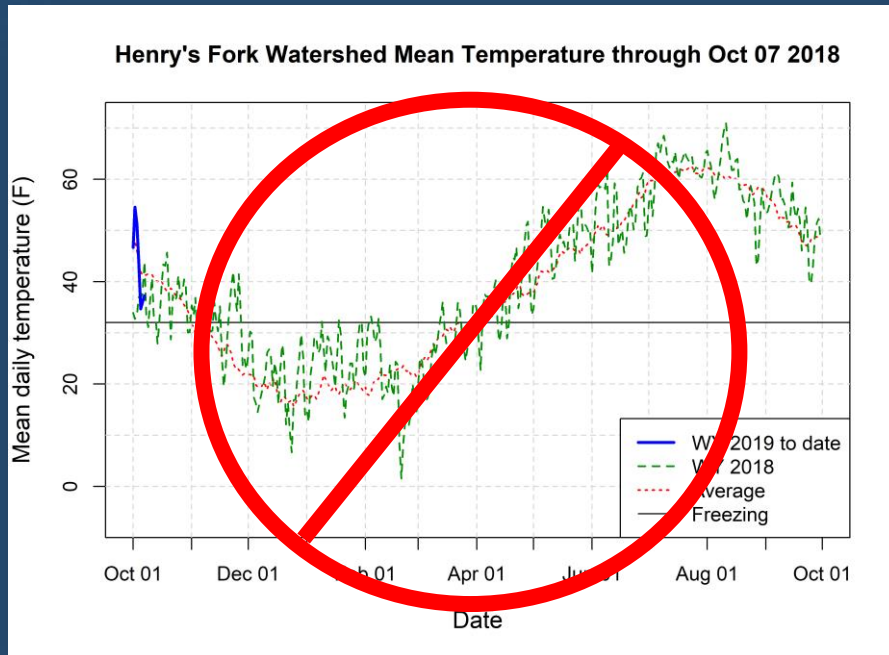
Background



Projects

- Proposed:
 - Create daily water report
 - Assess YCT three prong approach
 - YCT parental genetic project
 - Outreach and social media

Daily water report

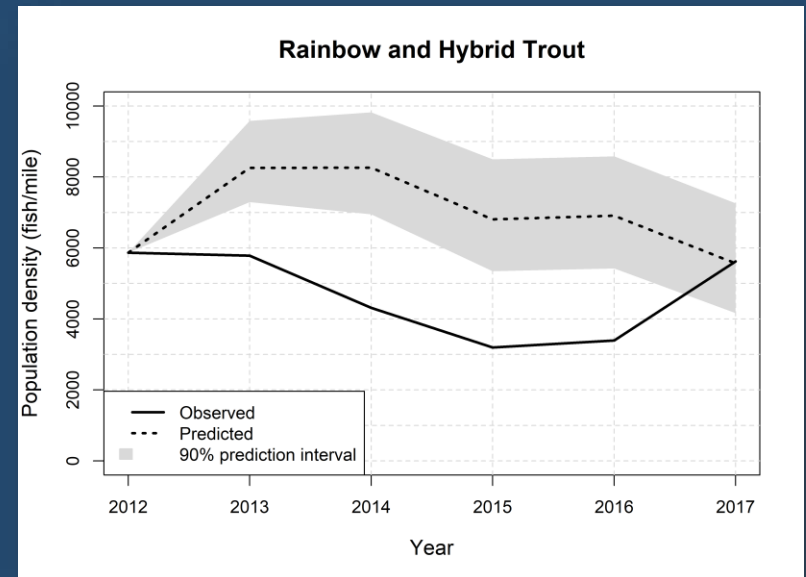
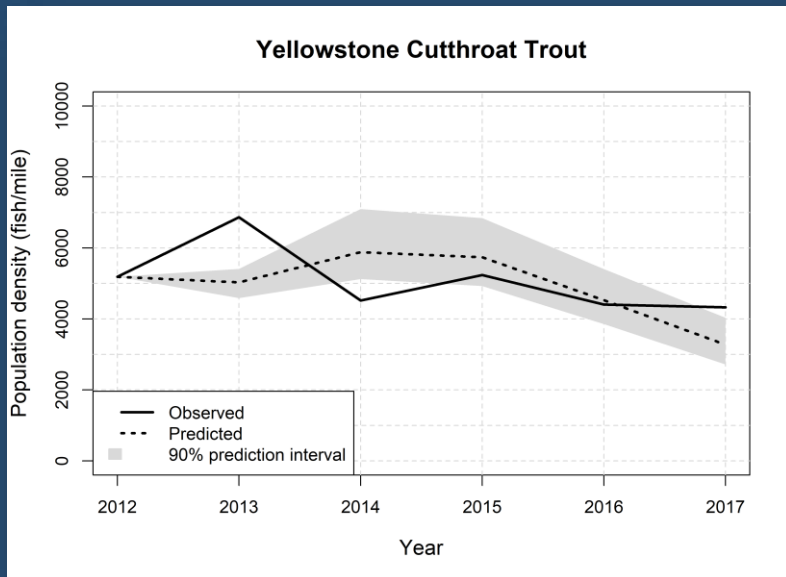


- Weekly updates: Bryce@henrysfork.org

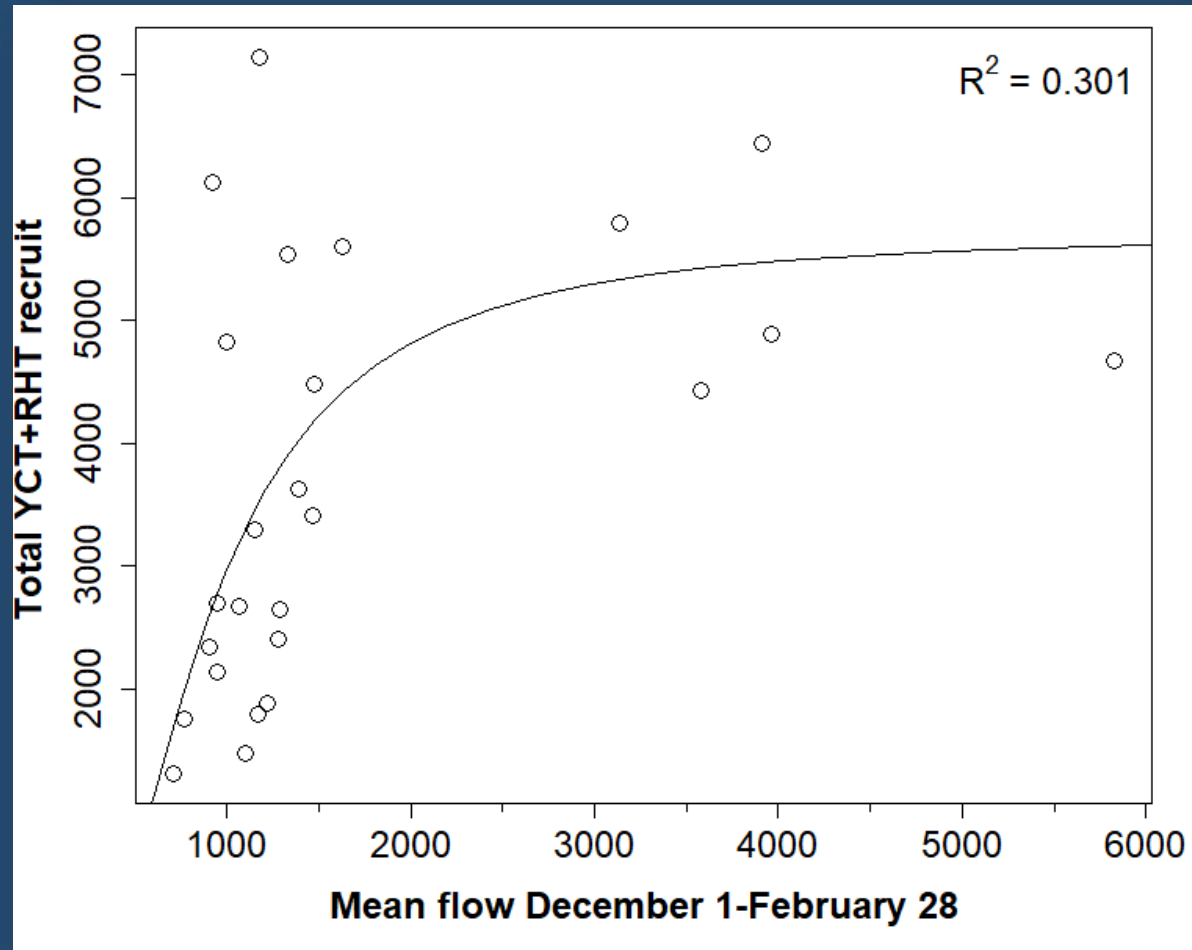
Assess YCT three prong approach

- Yes!
- Investigated:
 - Devita (2014) model performance
 - YCT & RHT flow recruitment relationship
 - Spring freshet and winter flow effectiveness
 - Tributary effect on YCT recruitment

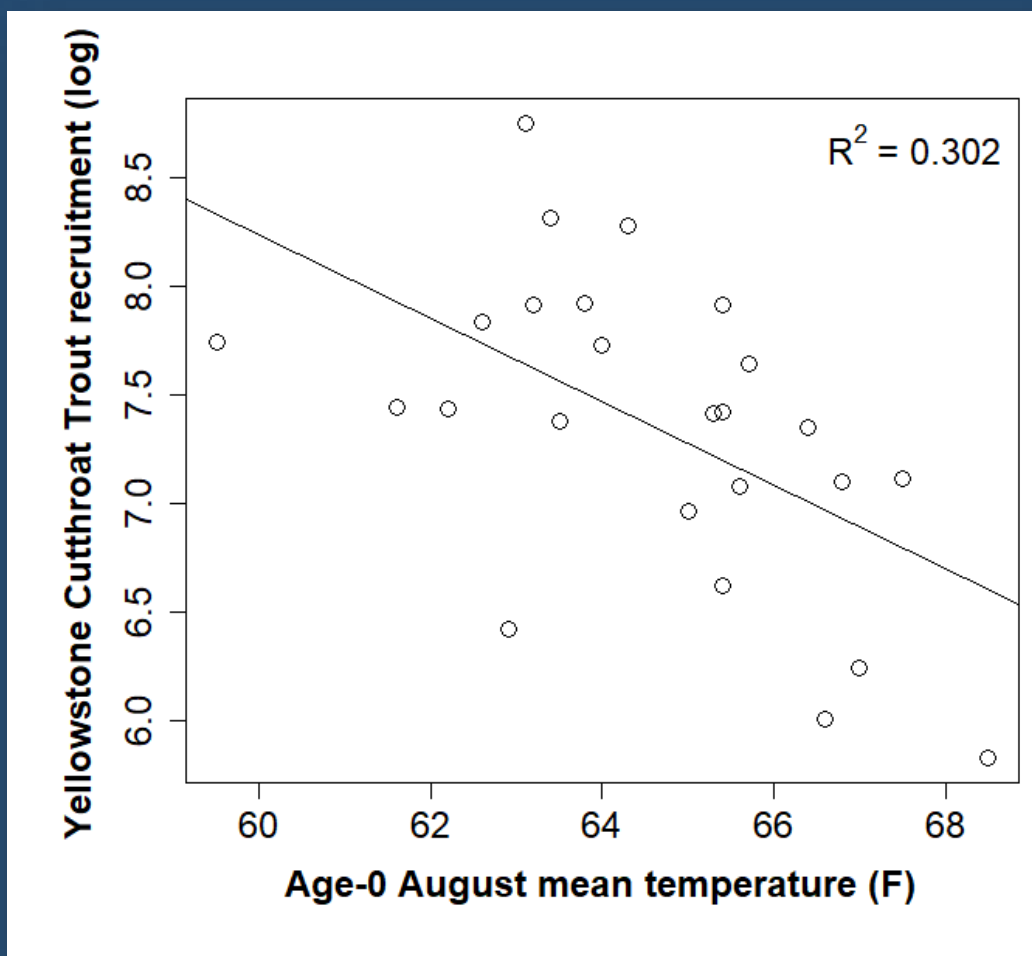
DeVita (2014) model performance



YCT & RHT flow



Tributary effect on YCT



YCT parental genetic project

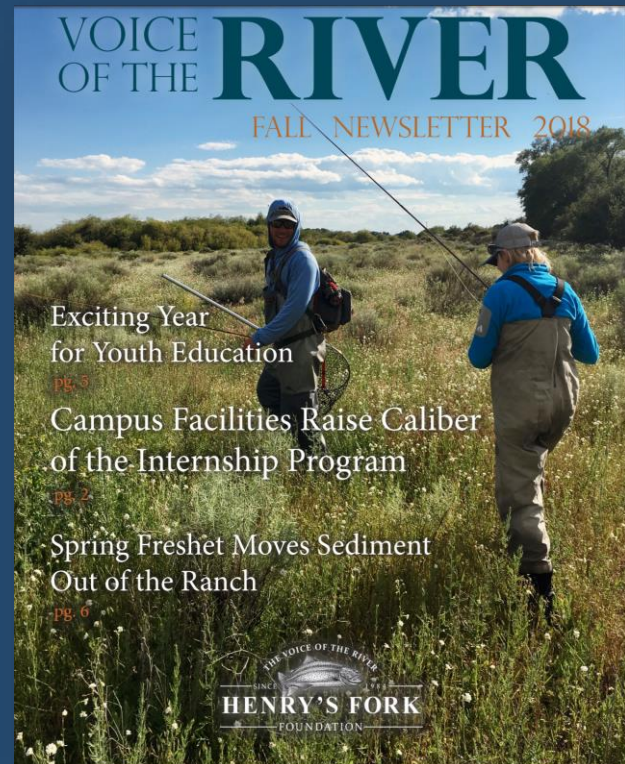
Not yet!



Outreach and social media

Yes!

- Land Water Conservation Fund float
- Weekly updates
- Winter newsletter
- Guides & outfitters



Third Creek restoration



Future projects



Water quality monitoring

Henry's Fork Foundation Scientific Website is still in development. Questions? Email melissa@henrysfork.org

Water Quality

REAL-TIME WATER QUALITY DATA



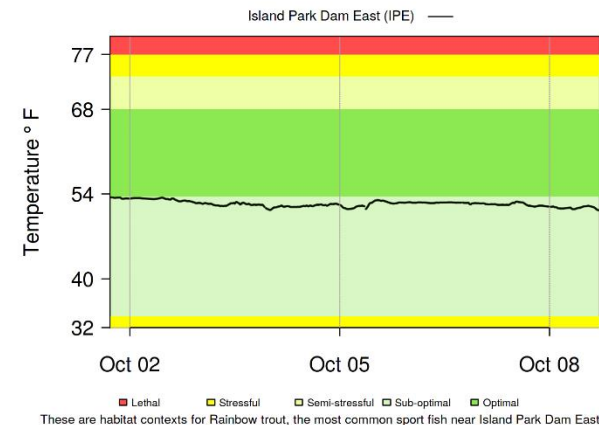
To select a new location either click a pin on the map. (Location dropdown menu not implemented)

Choose time

Download IPE Data

Temperature Turbidity Dissolved Oxygen Conductivity

Chlorophyll a & Cyanobacteria Program Data Help



Salmonids—such as Rainbow Trout and Brown Trout—need a specific range of water temperature to thrive and this optimal range shifts depending on their life-stage. Average water temperature thresholds for either eggs/fry or juveniles/adults are shown above using intuitive colors from red to green. Bright green denotes the optimal range of oxygen concentration for growth and activity, light green is sub-optimal (cool), yellowish-green is mildly stressful (warm), yellow denotes

Invertebrate sampling



Restoration projects



Outreach & education



Fundraising!



Questions?

