

Yankee Fork Resistance Weir Update

Josh Jackson

2026 LSRCP Annual Meeting

April 22nd, 2026

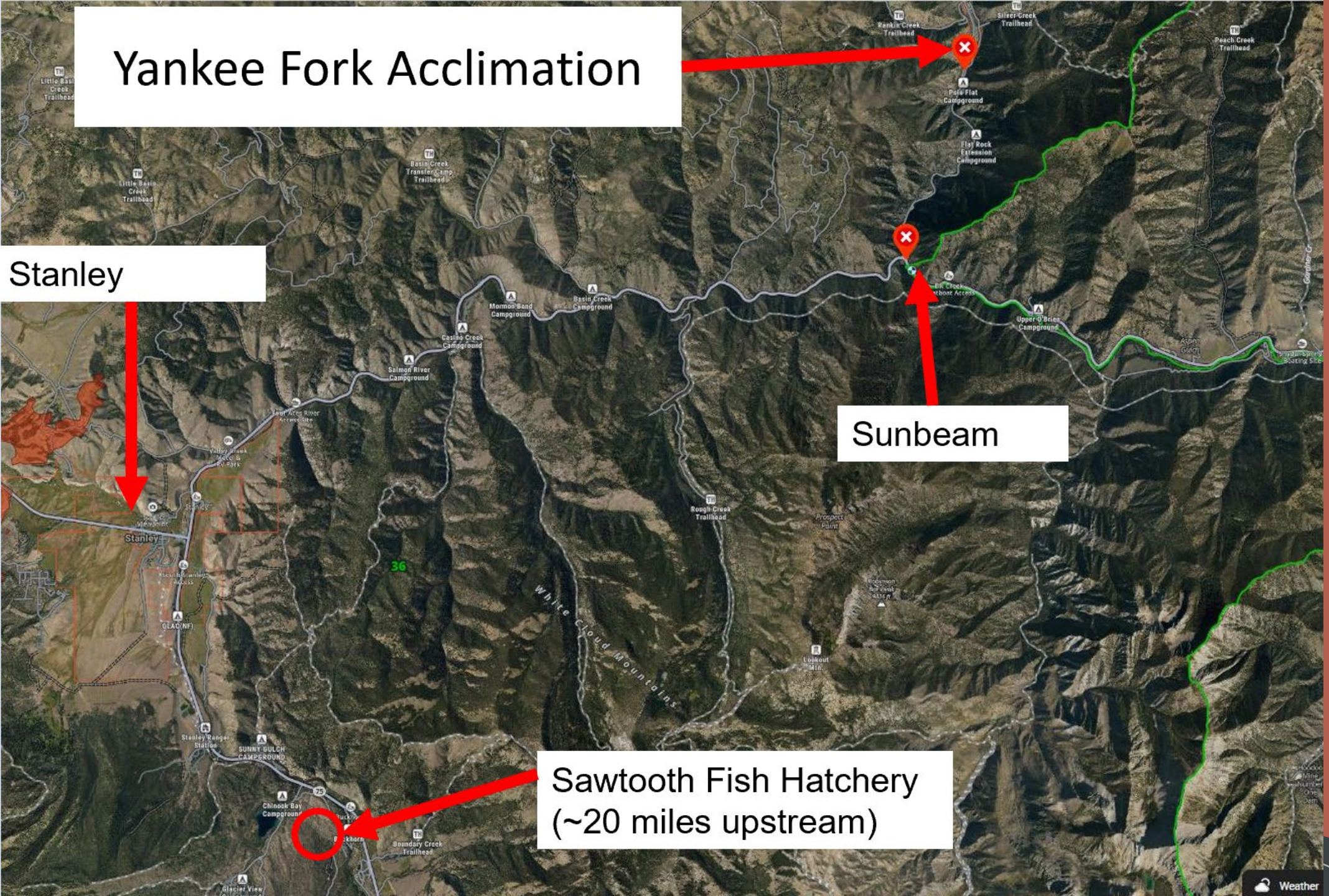


Yankee Fork Acclimation

Stanley

Sunbeam

Sawtooth Fish Hatchery
(~20 miles upstream)



2025

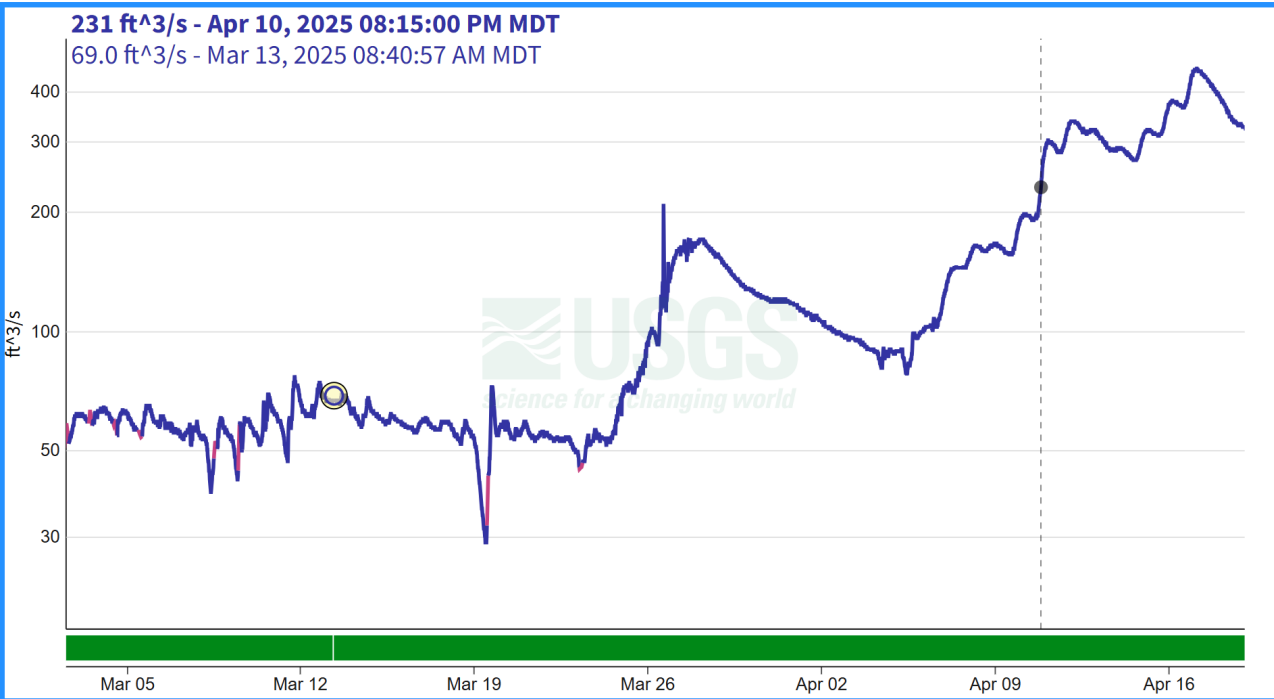


2025 YF ST Trapping Data

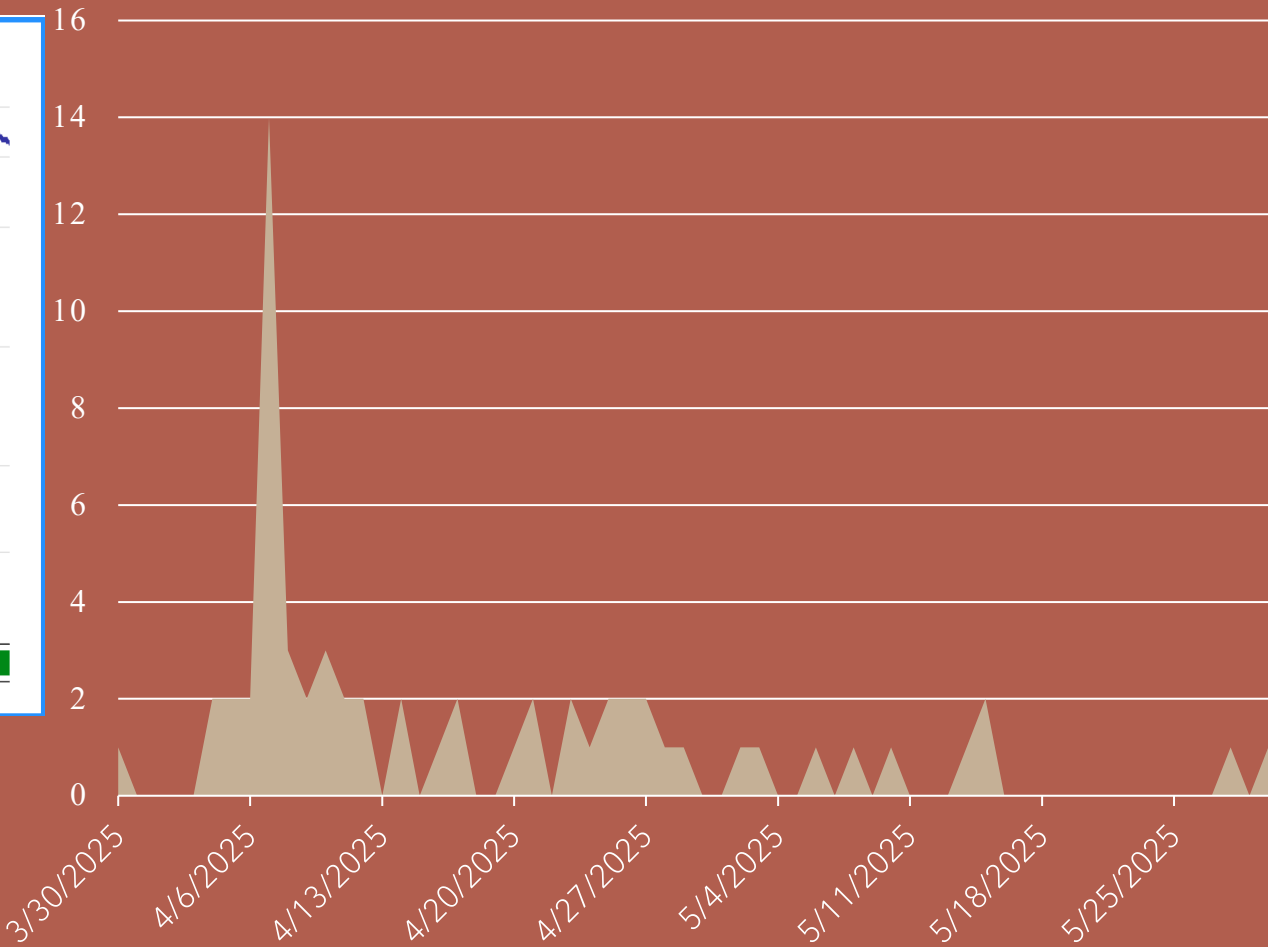
- Dates - 4/11/25 - 4/26/25
 - Stopped trapping due to flows
- HOR - 53
- NOR - 8
- Average Length - 30.9 inches



YF CFS



2025 YF ST PIT Detections



2025 ST Lessons Learned

- Install needs to occur earlier
- Could not trap safely >500cfs
- Trap box was a log magnet
 - Should be fixed with new trap box
- Spawn timing with Pahsimeroi may prove difficult into the future



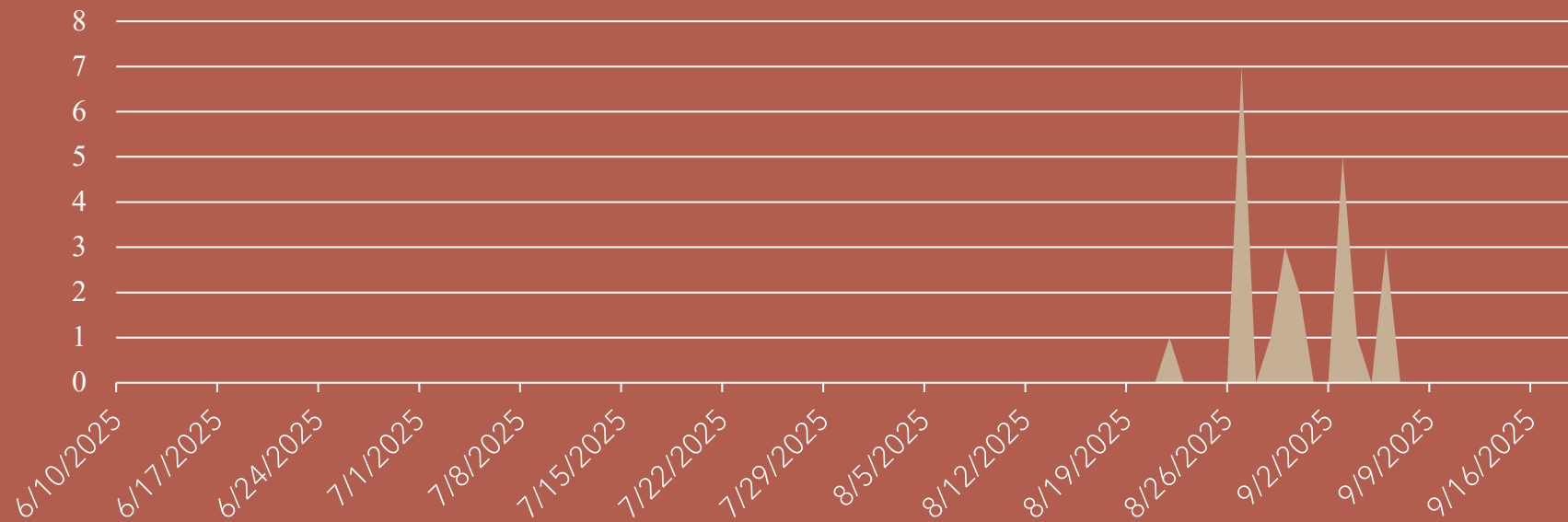
2025 YF CH Trapping Data

- Dates - 6/30/25 - 9/15/25
 - Later start due to log jam on trap box
 - 1st Chinook not trapped until 8/22/25
- HOR - 8
- NOR - 15



2025 YF CH Trapped

Total Unique Tags: 10



2025 YF CH PIT Detections

2025 CH Lessons Learned

- Chinook were most likely short stopping the weir
 - Met with a resistance weir specialist and they proposed a couple changes to the weir and operations.
 - Open chute design to prevent short stopping.
 - Prepping the weir for high flows to prevent weir damage and woody debris buildup
 - Side fences were swept downstream during high flows in 2025

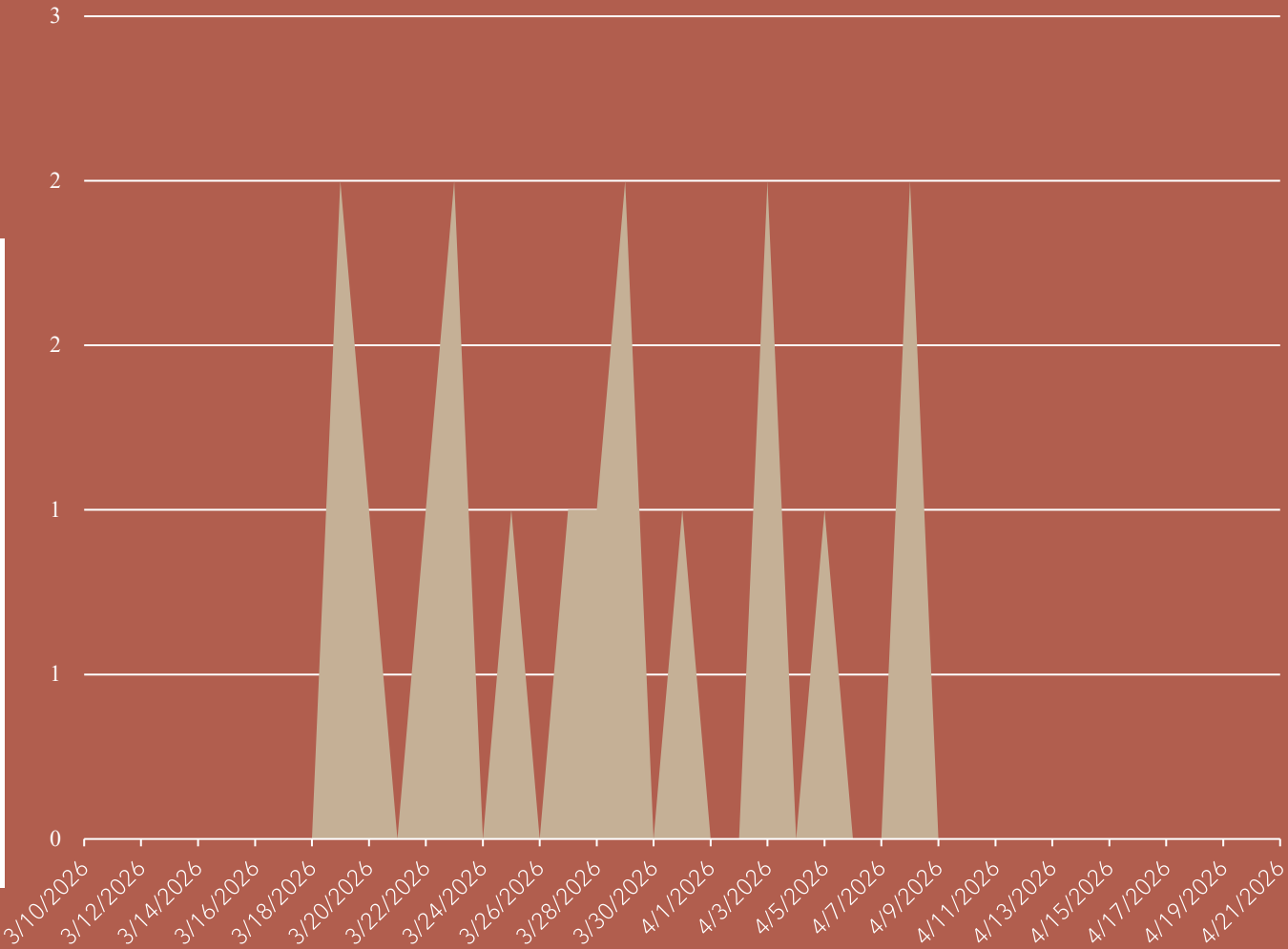
2026



YF CFS



2026 YF ST PIT Detections



2026 YF ST Trapping Data

- Dates – 3/12/26 to Current
 - First ST trapped 4/7/26
 - Latest fish trapped 4/21/26
- HOR – 5
- NOR – 3



2026 ST Lessons Learned

- Appear to be short stopping Steelhead even with open chute design
- Trap entrance cover to prevent fish from swimming back out of the trap
- Early install may be much harder if winters continue to exist into the future





Questions?
Thoughts?
Concerns?

