

Feather River

Environmental Considerations



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Lower Feather River



What Are We Protecting/Enhancing?

Steelhead Trout



**Spring-Run
Chinook
Salmon**



Green Sturgeon

Three Threatened Species

The Challenges

- Habitat lost above the dam
- Habitat severely degraded below the dam
- Salmon pops driven by hatchery production



- Habitat improvements are critical
 - Flow
 - Non-flow

Non-Flow Actions

- Gravel Supplementation
- Side Channel Design
- Barrier Removal
- Temperature Improvements



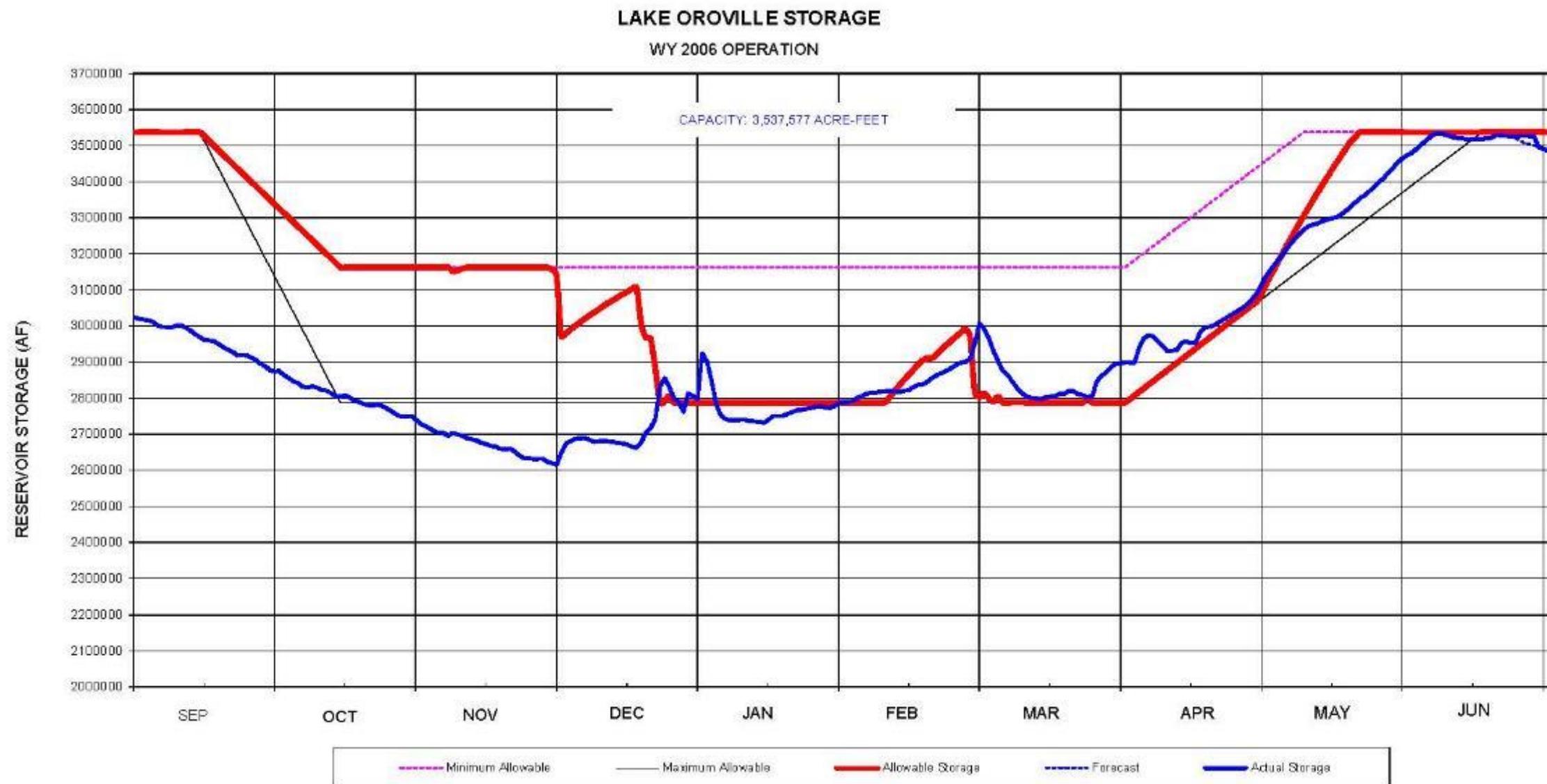
Increased Flows for Improved Rearing and Out Migration



Percent of Unimpaired Flows are Lowest in Late Spring



Can Environmental Flows Be Improved Directly or Indirectly?



Can FIRO Improvements Provide Environmental Benefits?

