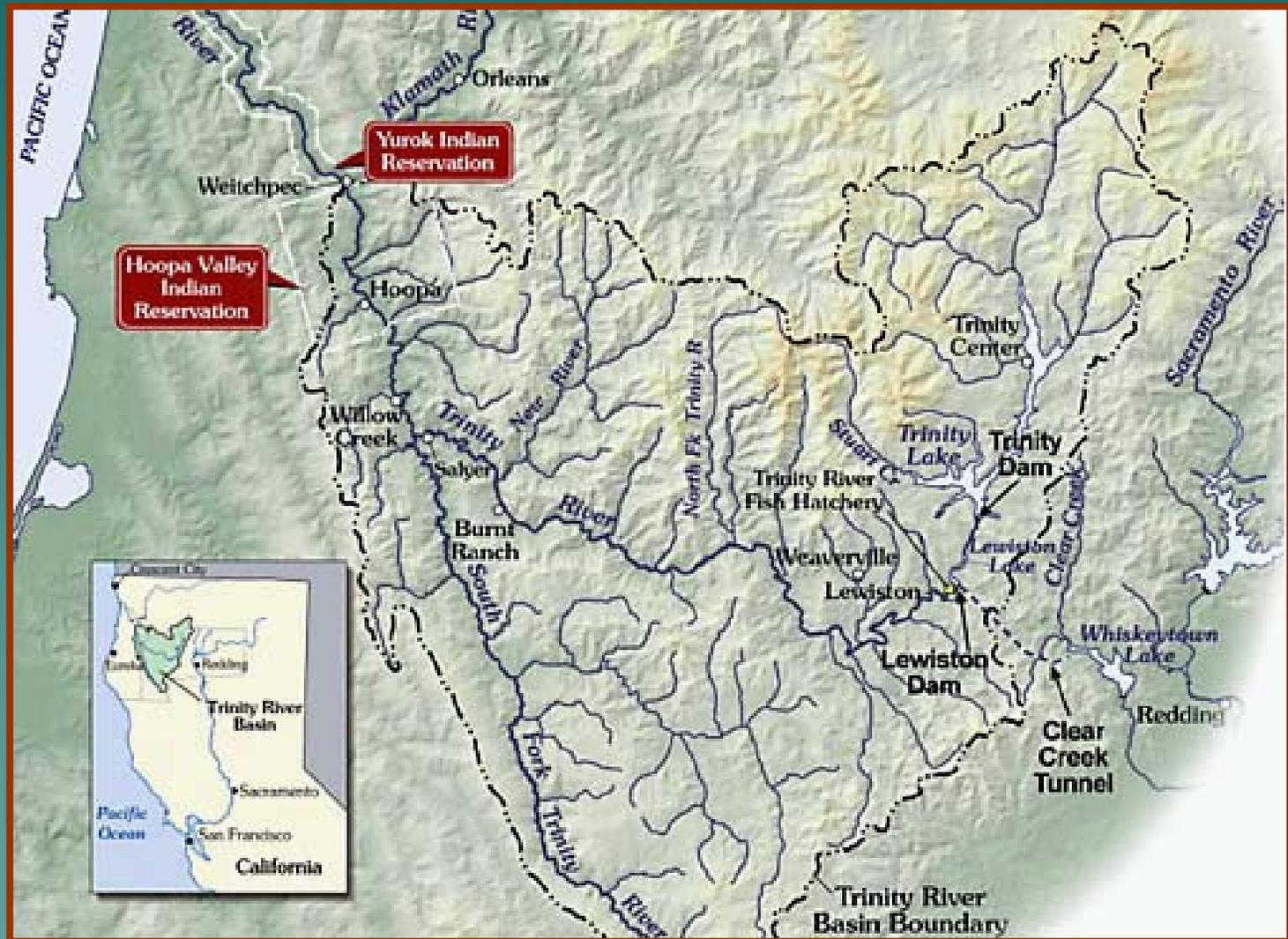


***Welcome to Weaverville, CA
and the
Trinity River Restoration
Program***



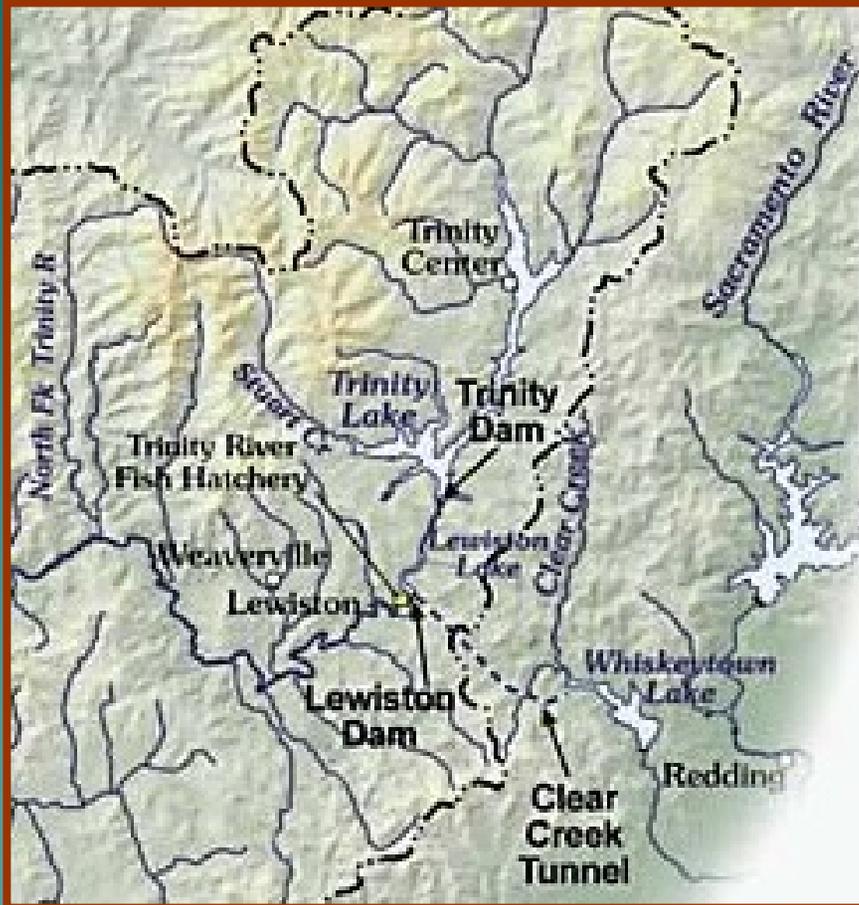
Location Map





Trinity River near Lewiston (RM 112.0) circa 1960, prior to the construction of TRD. Note alternate bar sequences and extensive floodplain.

Construction of Trinity River Division of CVP

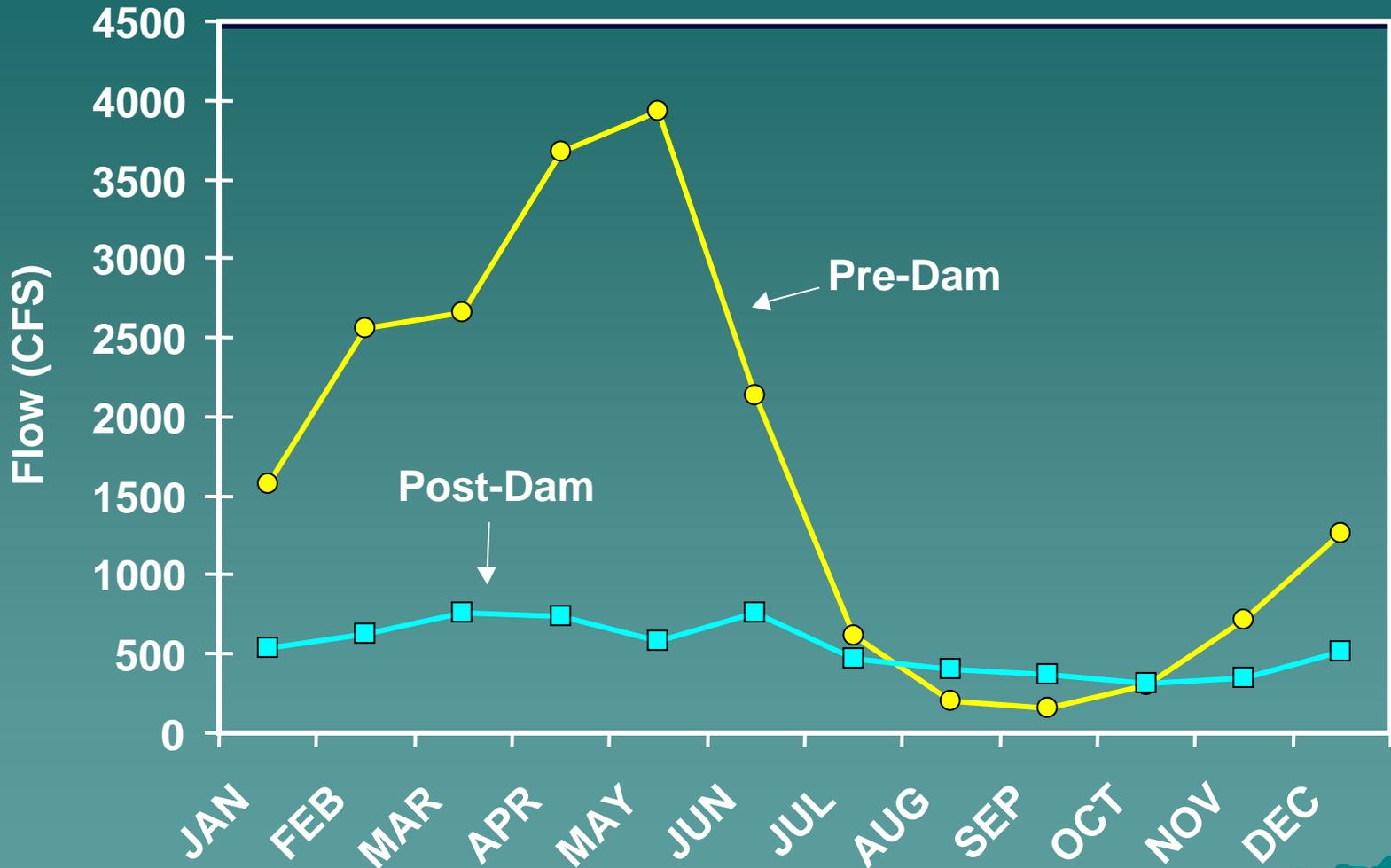


Trinity Dam



Lewiston Dam

Average Monthly Flow @ Lewiston Gage (RM 111)

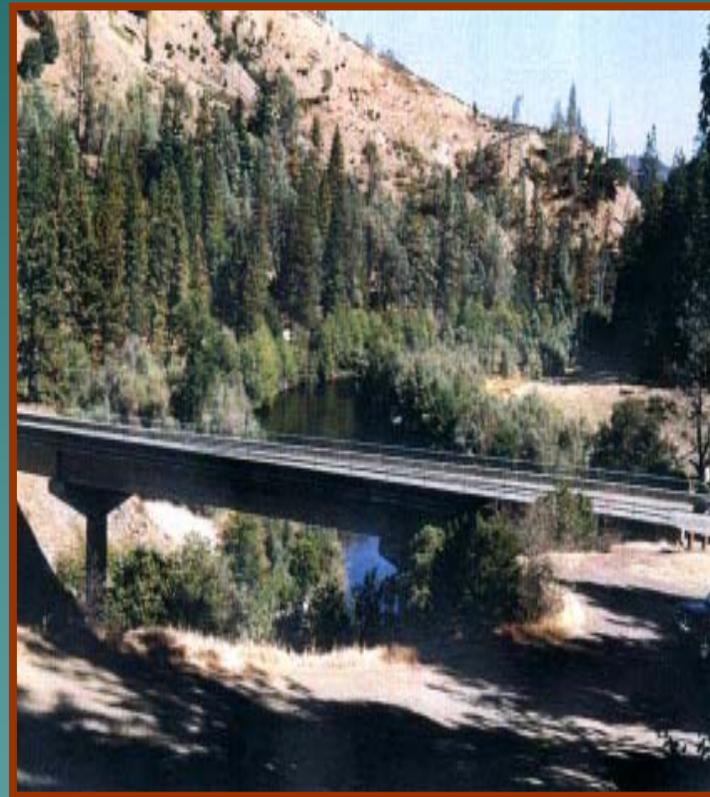


Flow Alteration due to Operation of TRD

Changes on the Trinity River Upstream of North Fork

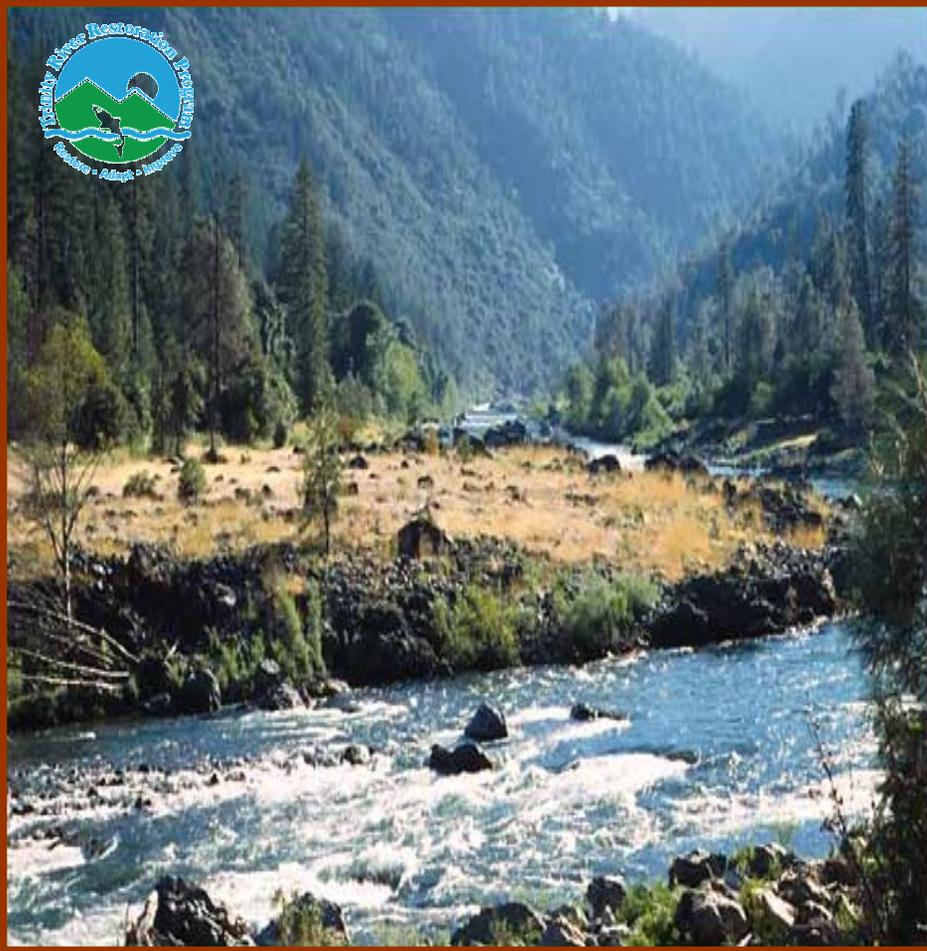


1960



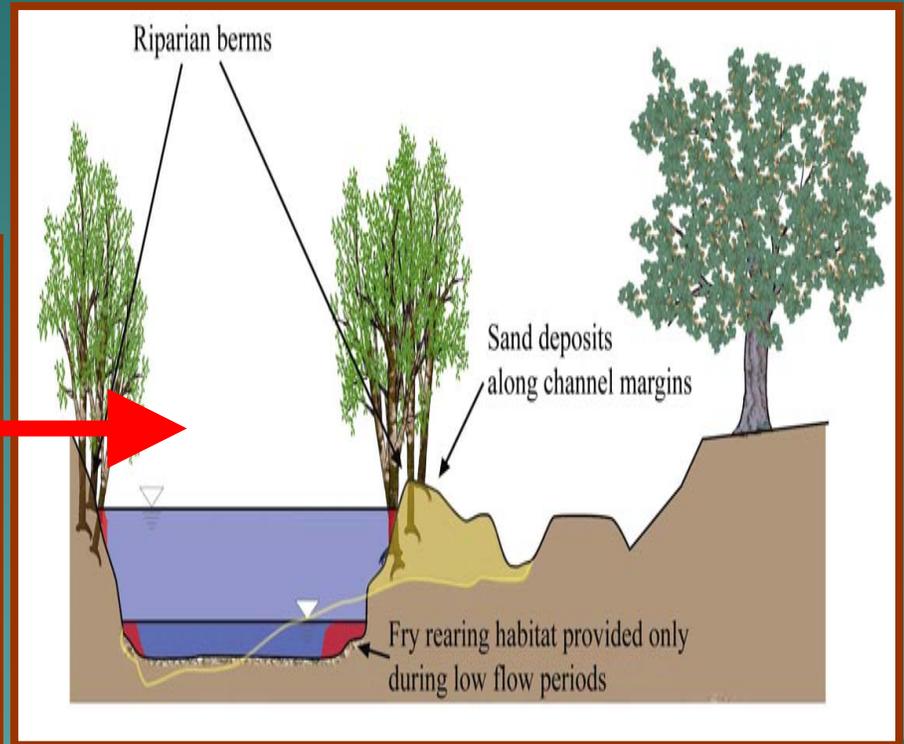
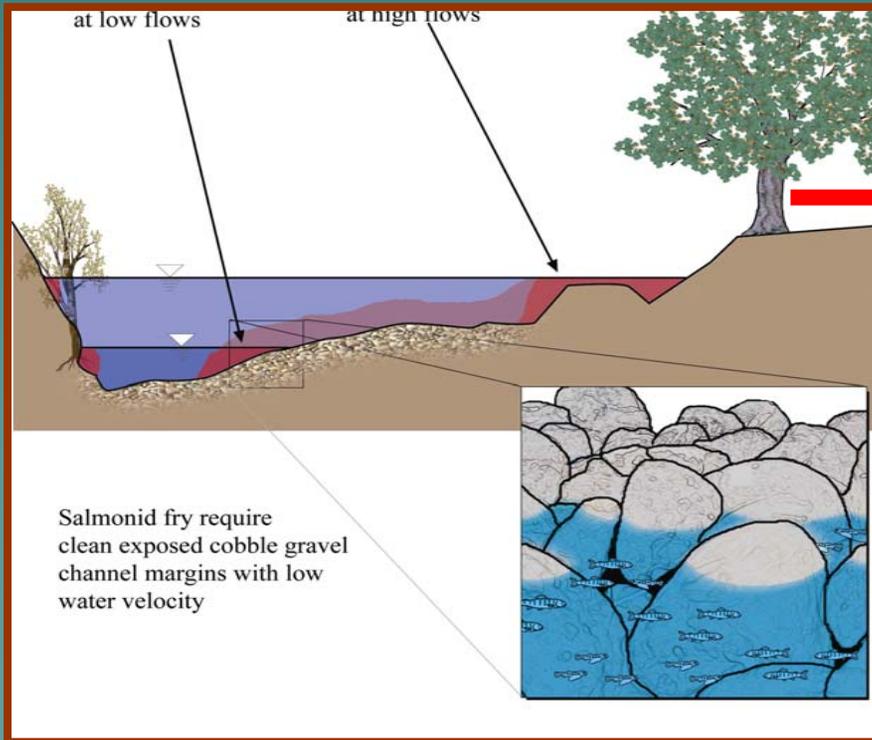
1996

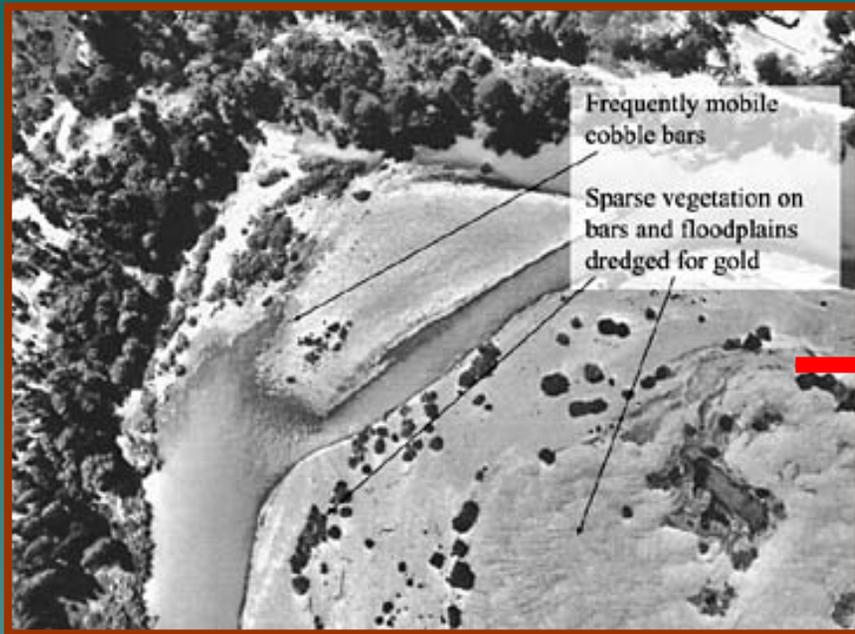
Flow Evaluation Study



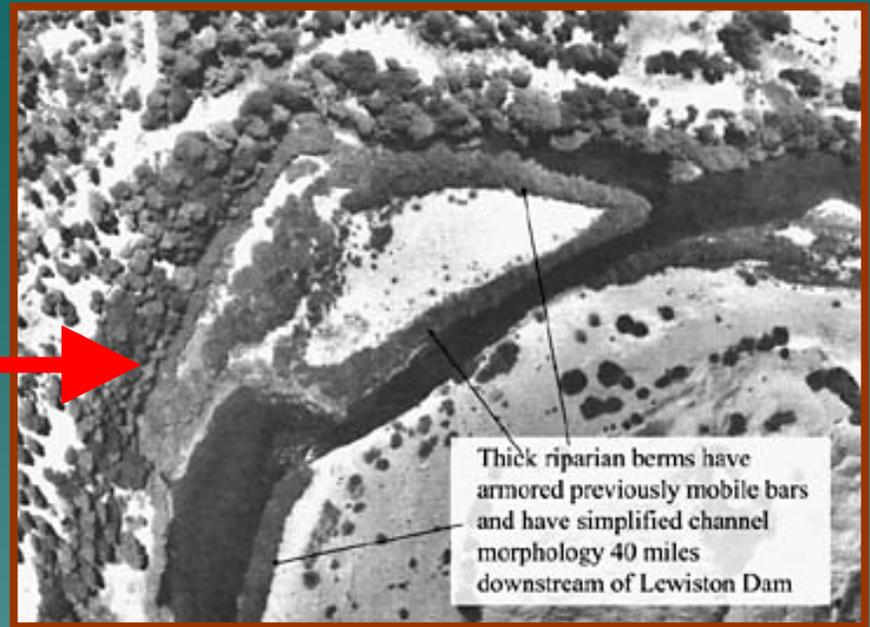
- Habitat Preferences of Salmon & Steelhead
- Habitat Availability & Channel Processes @ Channel-Rehabilitation Projects
- Fluvial Geomorphology
- Water Temperature needs of Salmon & Steelhead and Dam Releases necessary to meet those needs
- Juvenile Salmon Production Model

Effects of Trinity and Lewiston Dams on channel morphology and fish habitat



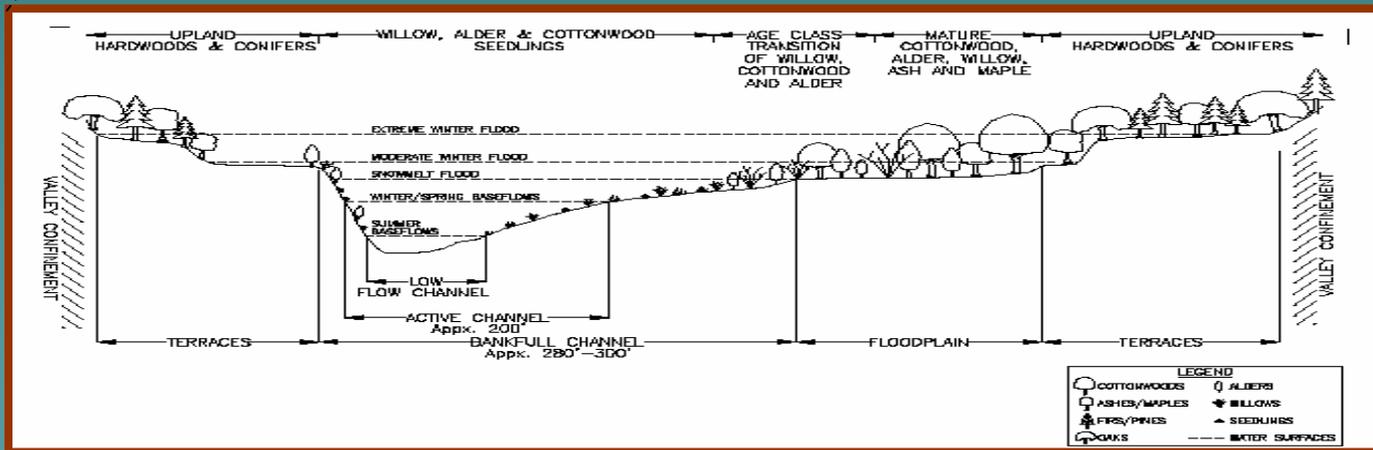
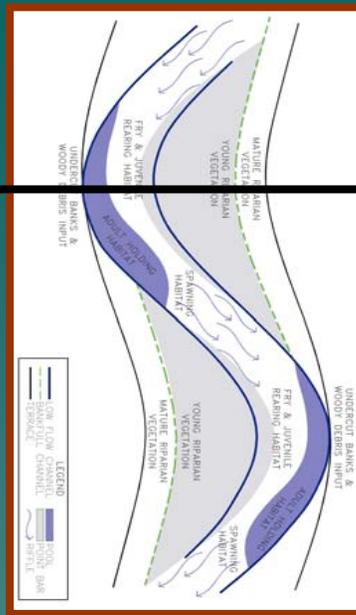


1961 Photo of Gold Bar – pre-TRD



1970 Photo of Gold Bar – 6 years after
TRD

Plan view of vegetation and Riparian Berm Encroachment on River Channel Features



TRFES Recommendation; The Idealized Channel Form

Trinity River Record of Decision

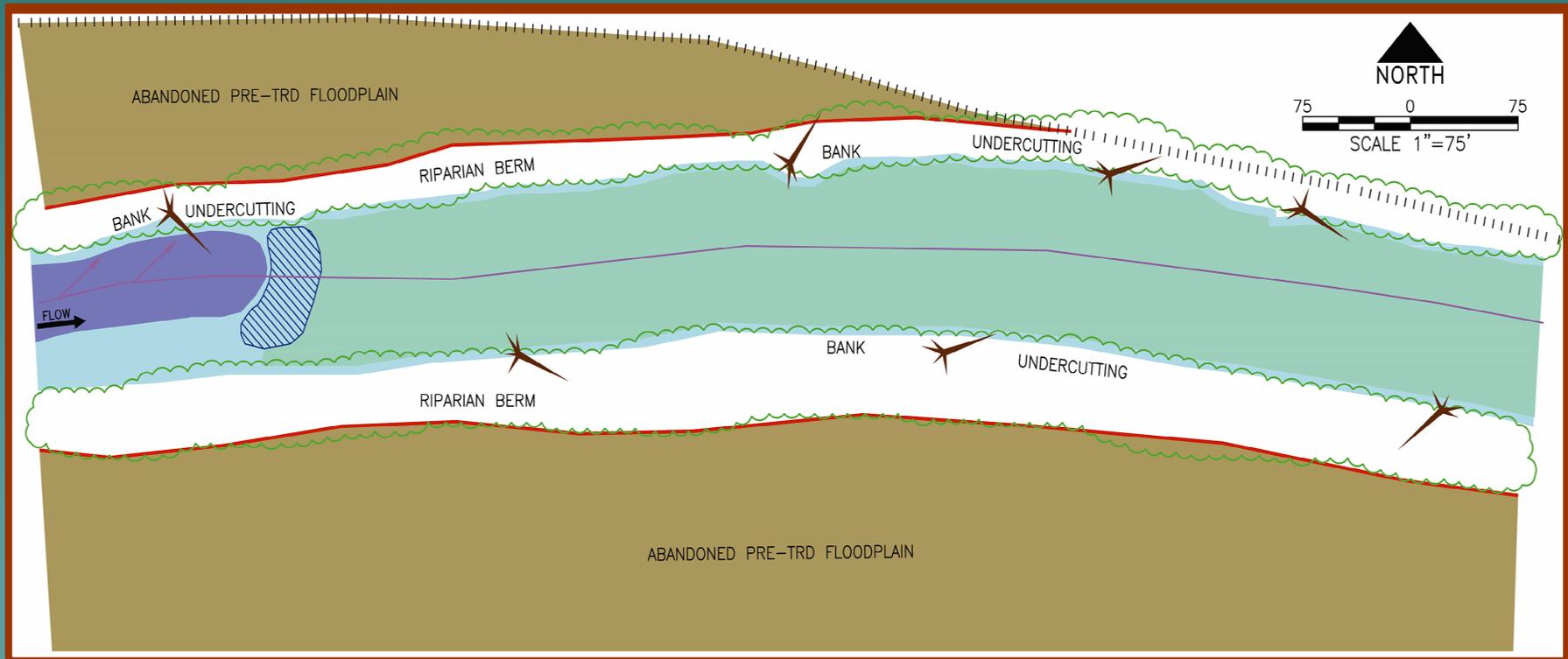


Selected the Preferred Alternative of the Trinity River EIS/EIR as the recommended action to restore the Trinity River

- Increased In-stream Flows
- Physical Channel Rehabilitation
- Sediment Management
- Watershed Restoration
- Flood Plain Modifications
- Adaptive Management

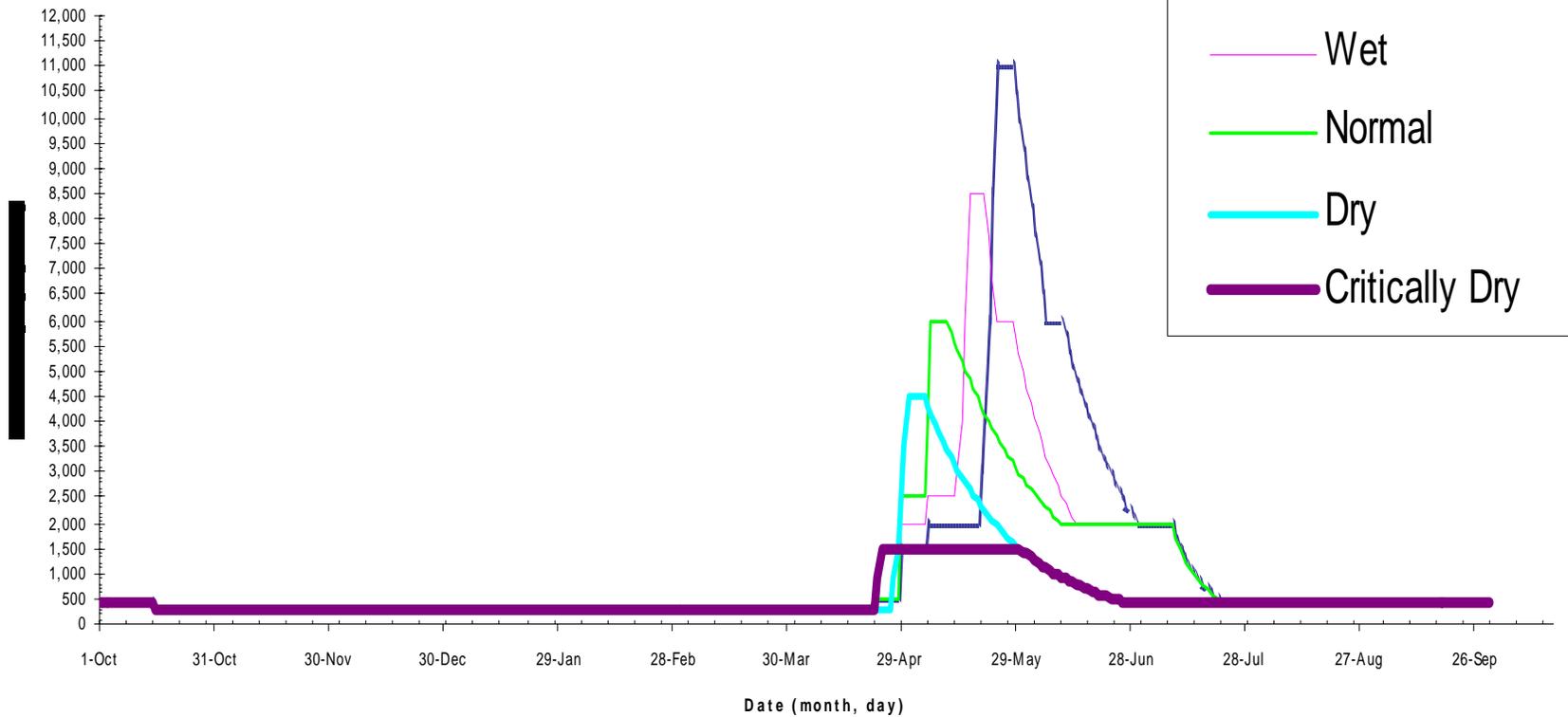
TRRP Channel Restoration

Objective: Development of Complex Channel and Floodplain Habitats

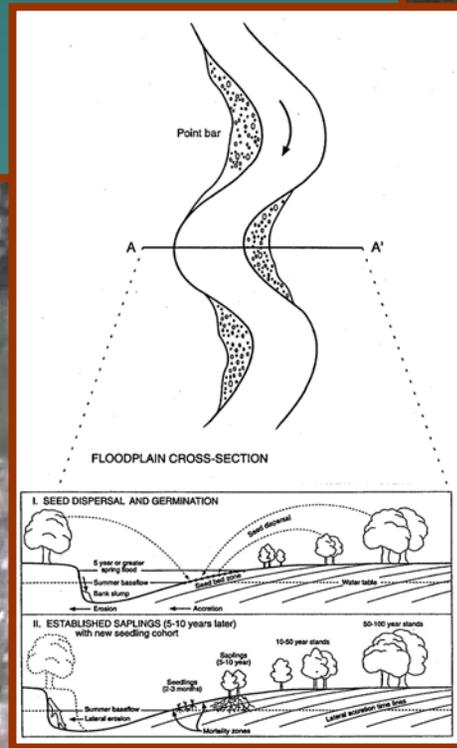


Record of Decision Flow Regimes

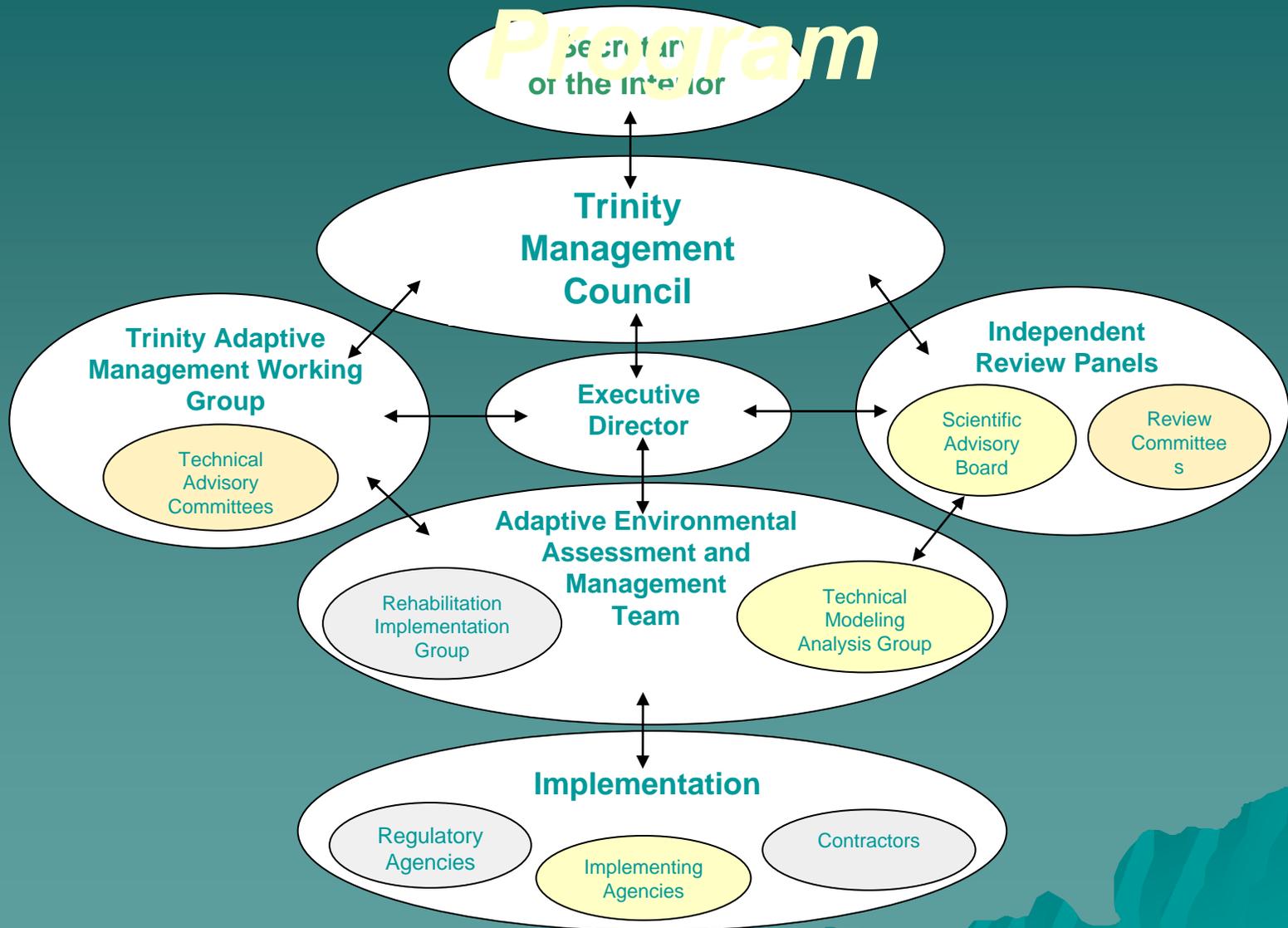
Record of Decision Annual Discharge Hydrographs for Each Water Year Type



Technical Modeling and Assessment Group



Trinity River Science

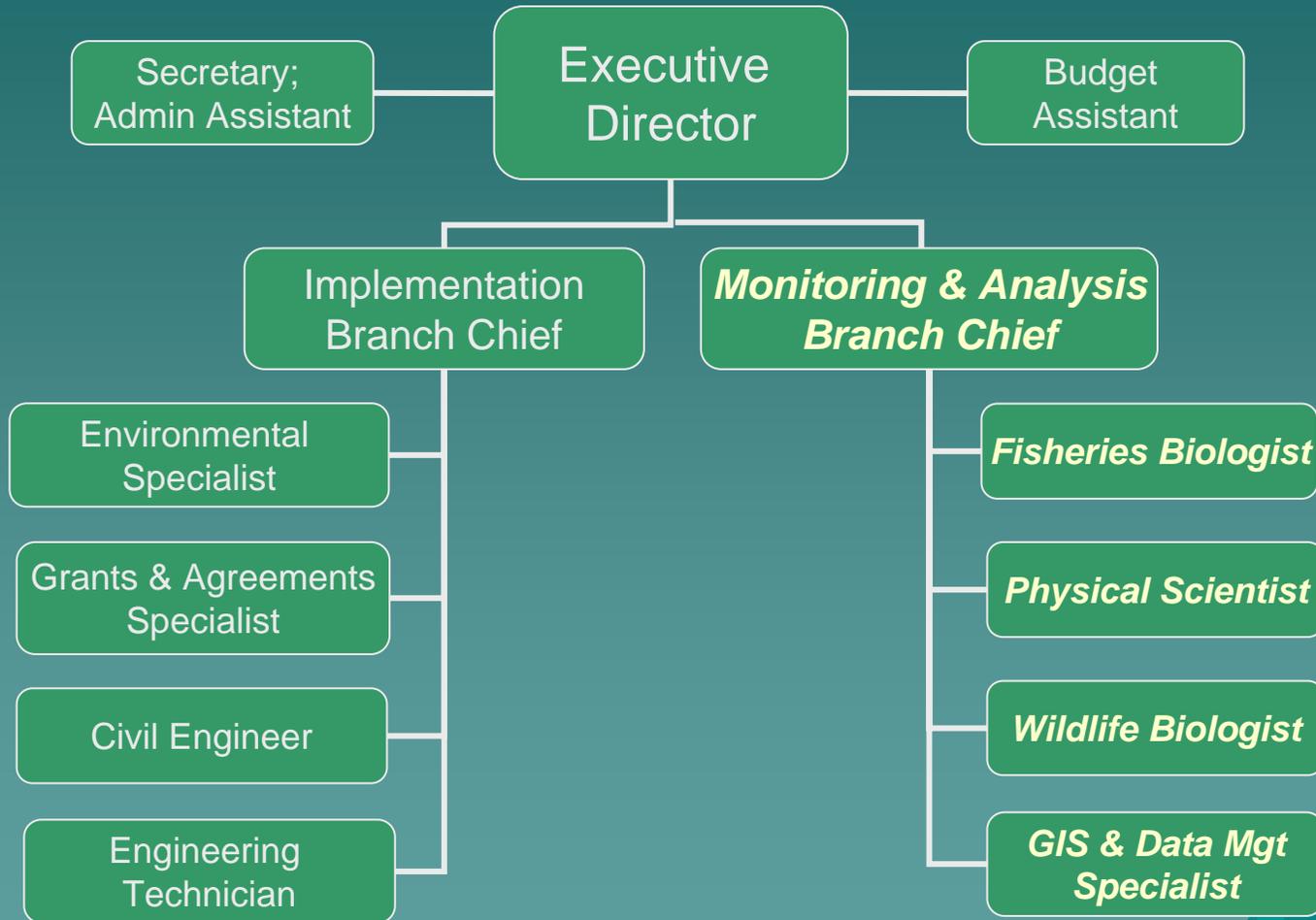


TMAG Role

The TMAG is a team of interdisciplinary scientists with the responsibility to ensure that restoration activities are science based and hypothesis driven. These scientists conduct and manage studies that:

- 1) Assess the condition of the River's resources,
- 2) Determine the effectiveness of the restoration program and
- 3) Inform management objectives.

AEAM Science



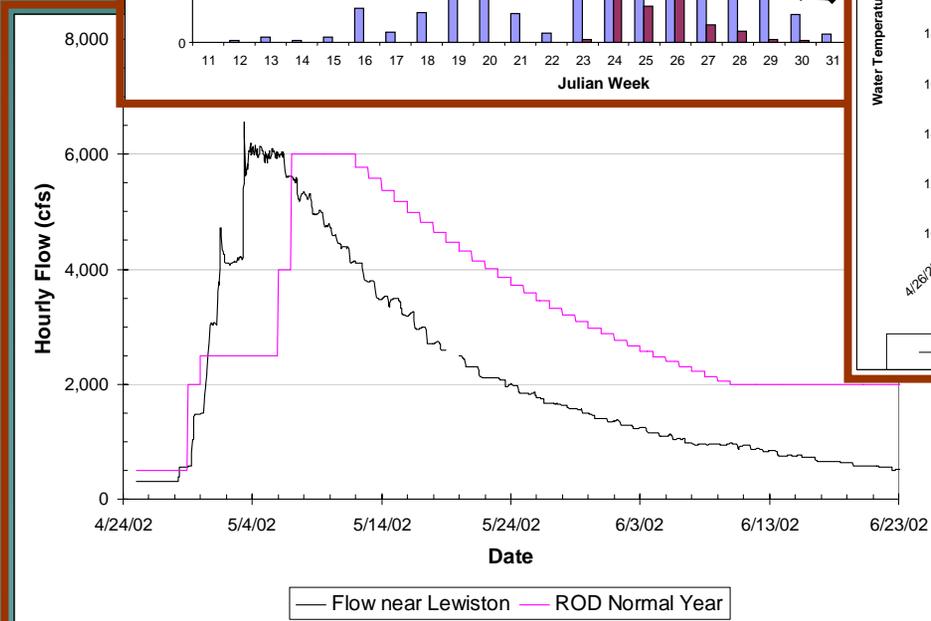
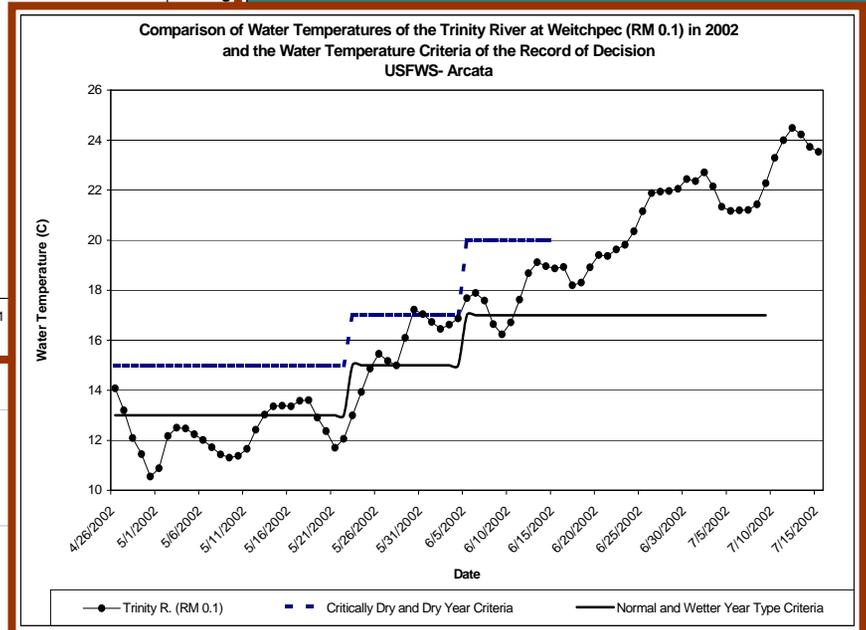
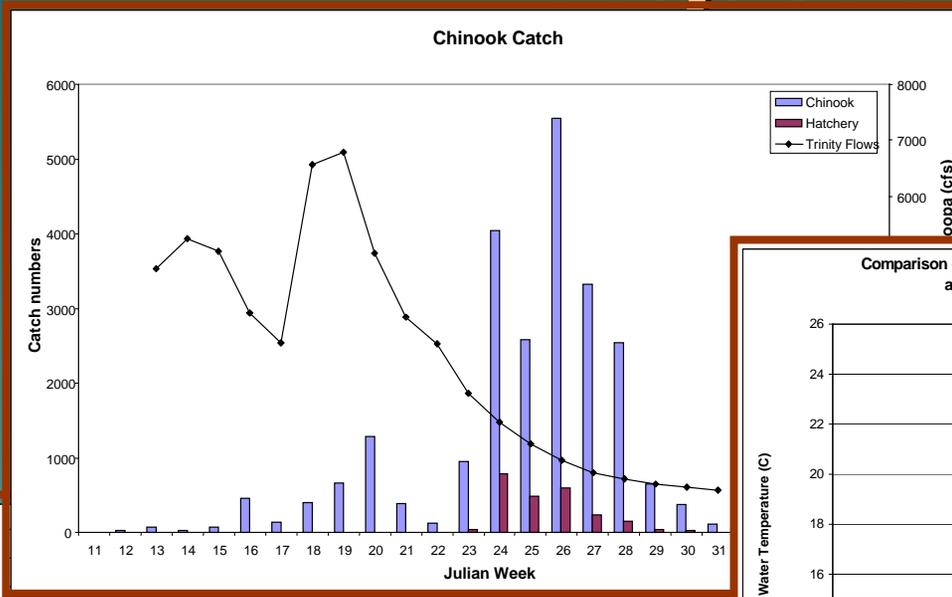
Science Advisory Board

- ◆ Overall review and recommendations relative to the science aspects of the Trinity River Restoration Program to the Trinity Management Council.
- ◆ Peer review of hypothesis testing and research reports.
- ◆ Review and recommendations for proposed annual flow schedules, short and long-term monitoring plans and research priorities for the Technical Modeling and Assessment Group.
- ◆ Functional review of the overall Adaptive Environmental Assessment and Management program.

Technical Working Groups

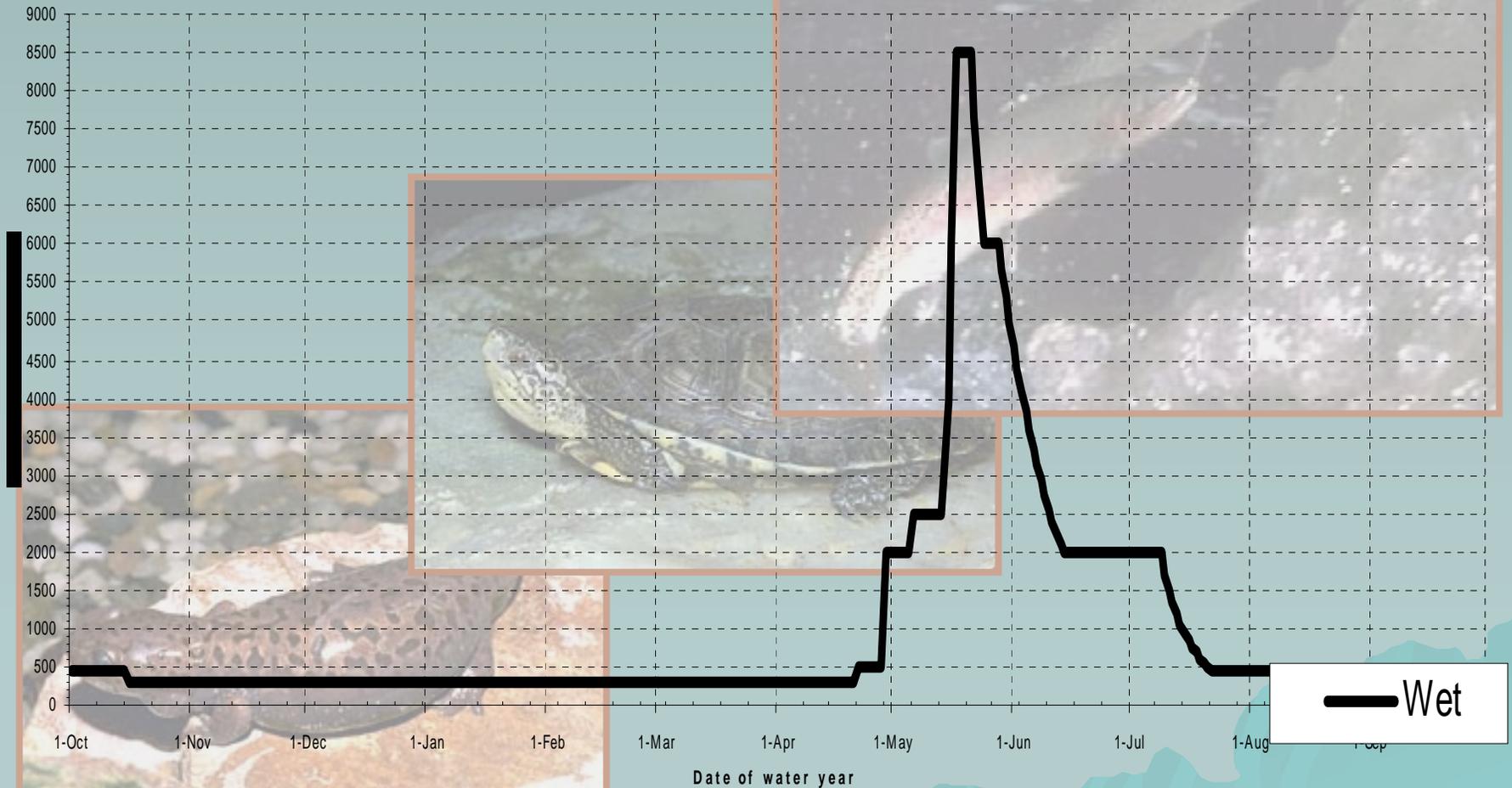


Flow Release Summary Report

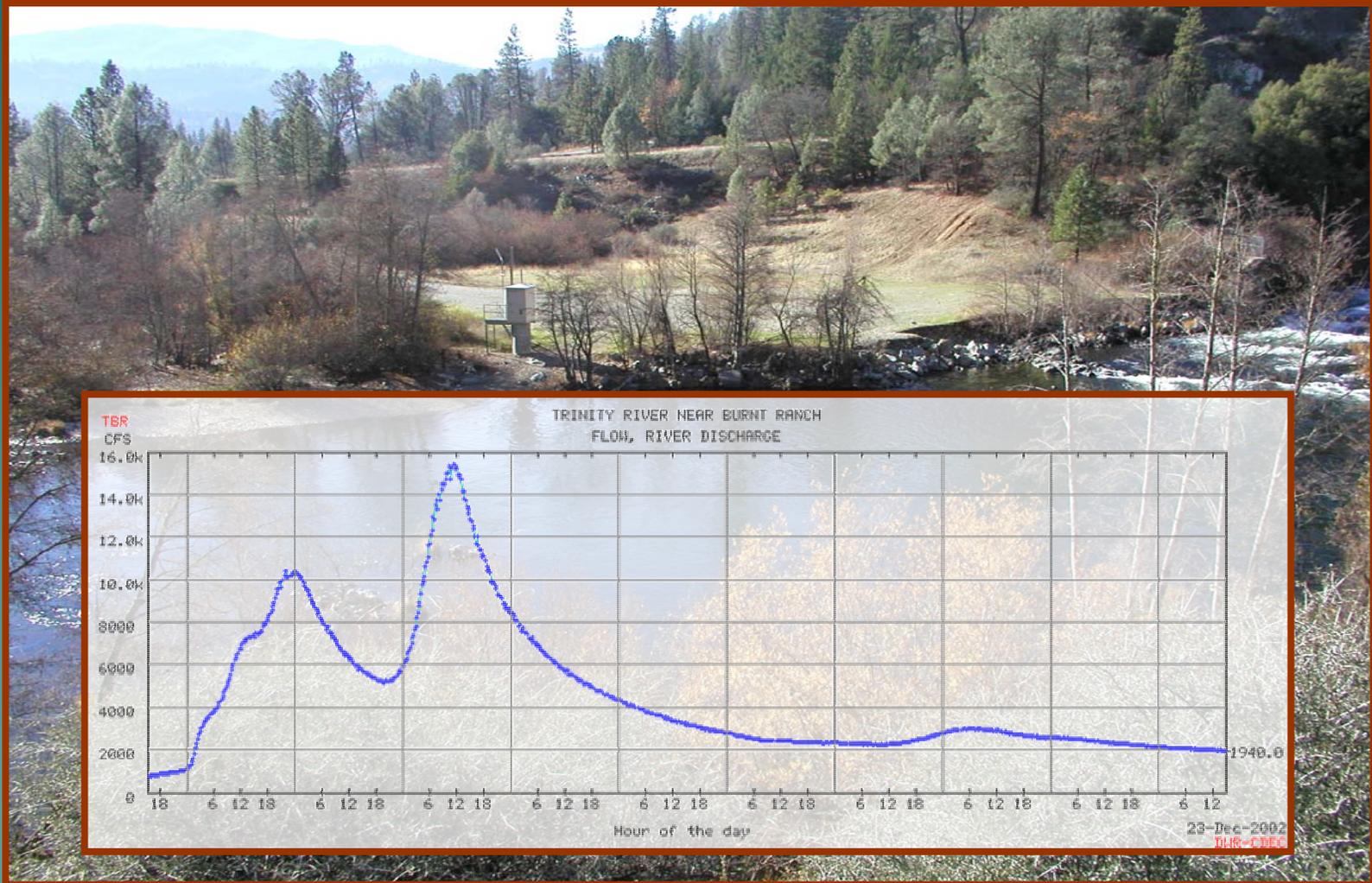


Annual flow schedules

Recommended Lewiston Release Hydrograph for WET Water Year Type



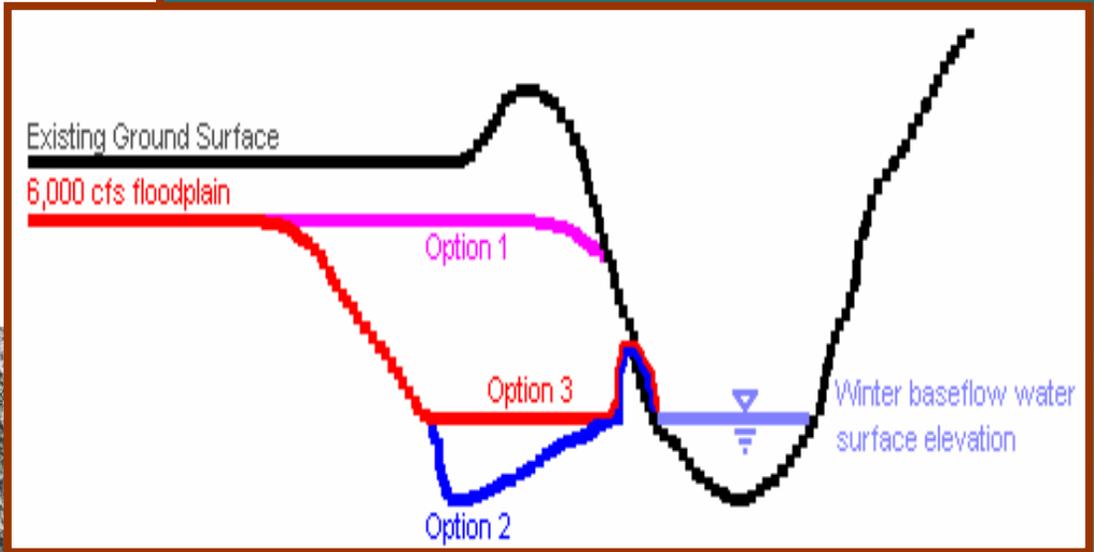
Stream Gage Review and Assessment



Coarse Sediment Management



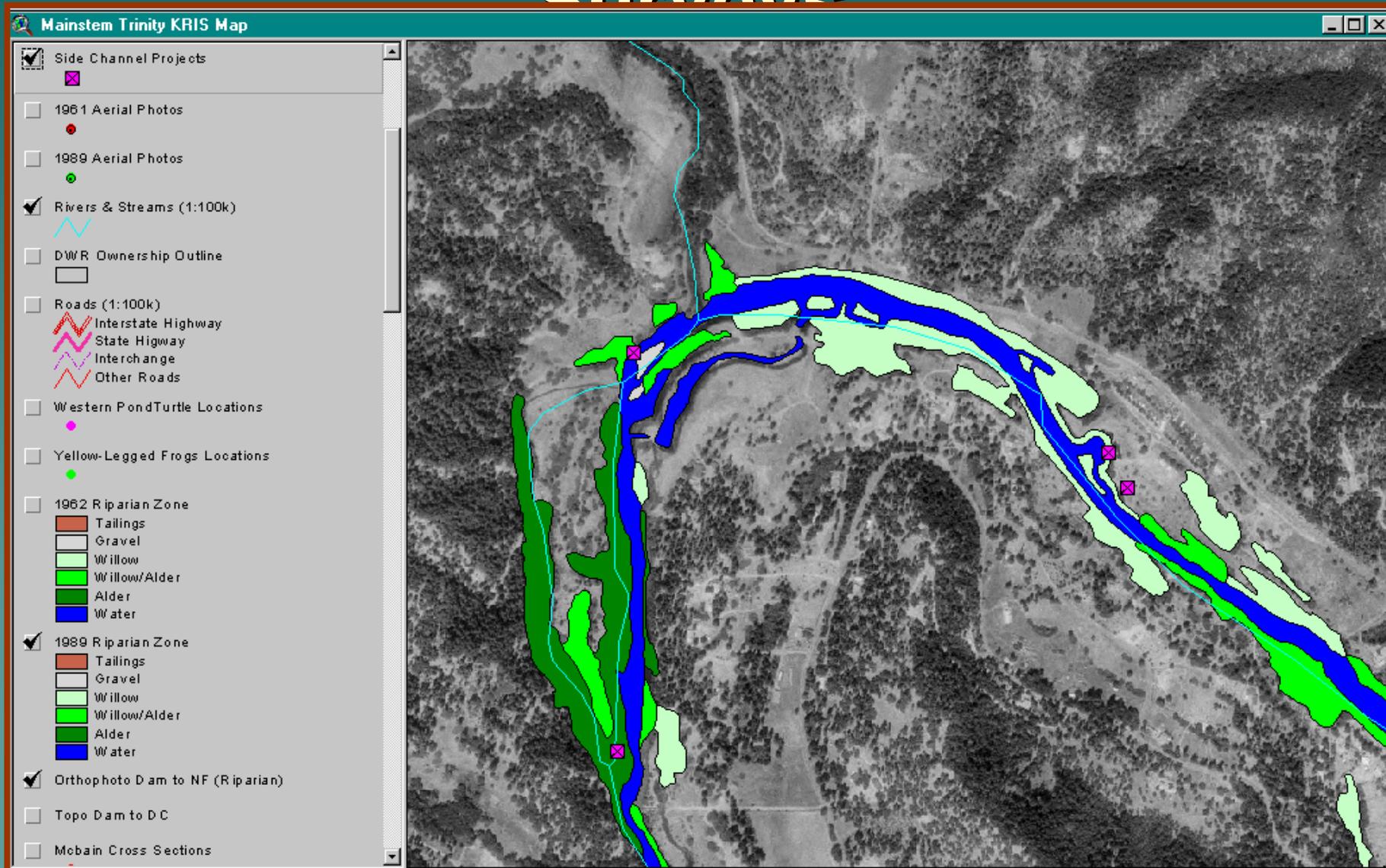
Bank Rehabilitation Design



Comprehensive Monitoring Framework and Resource Assessments

- ◆ Determine current condition of monitoring programs.
- ◆ Document on-going monitoring programs in study design format.
- ◆ Develop an overall study framework.
- ◆ Organize testable hypothesis into an experimental “Blocking” matrix.
- ◆ Prioritize future studies for outyears.

Riparian Baseline Mapping and Surveys



TAMWG Participation Ideas

- ◆ Technical Working Groups
- ◆ Field trips/design meetings
- ◆ Research & Monitoring Priorities Workshops