



Potential Surface Storage Contributions to Delta Solutions

May 1, 2008
Water Supply Subcommittee



North-of-the-Delta Offstream Storage



Planning Objectives

➤ Primary Objectives:

- Increase water supply and water supply reliability and Sacramento Valley water management flexibility
- Improve Delta water quality
- Increase survival of anadromous fish populations in Sacramento River, as well as the survivability of other aquatic species

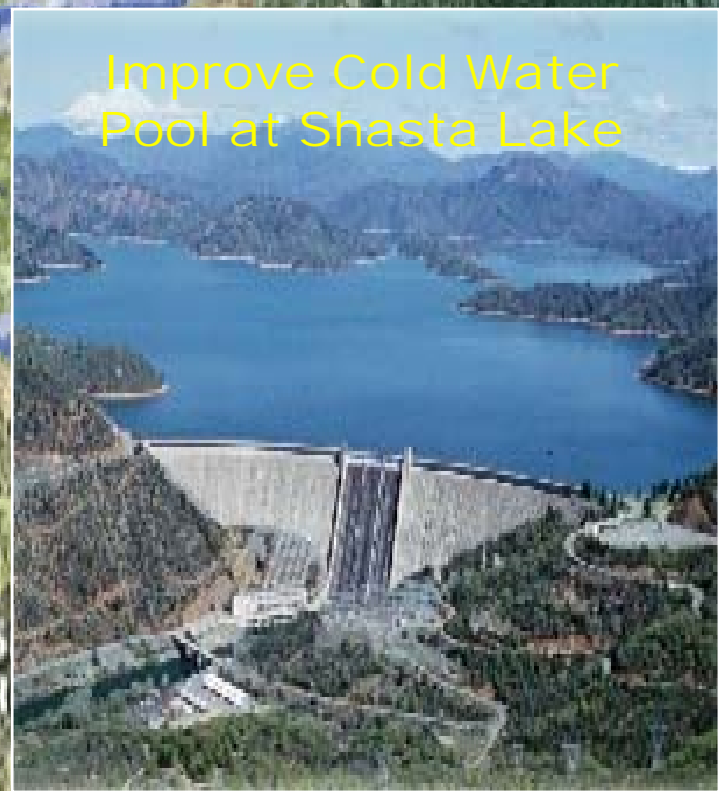
➤ Secondary Objectives:

- Provide ancillary hydropower generation benefits
- Provide additional recreational opportunities
- Provide incremental flood damage reduction benefits

SUMMER FALL



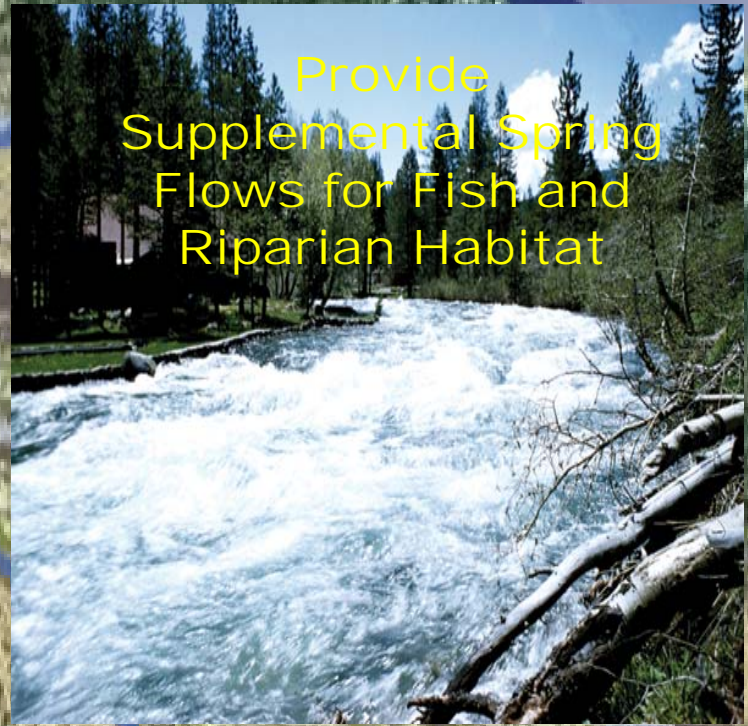
Improve Cold Water
Pool at Shasta Lake

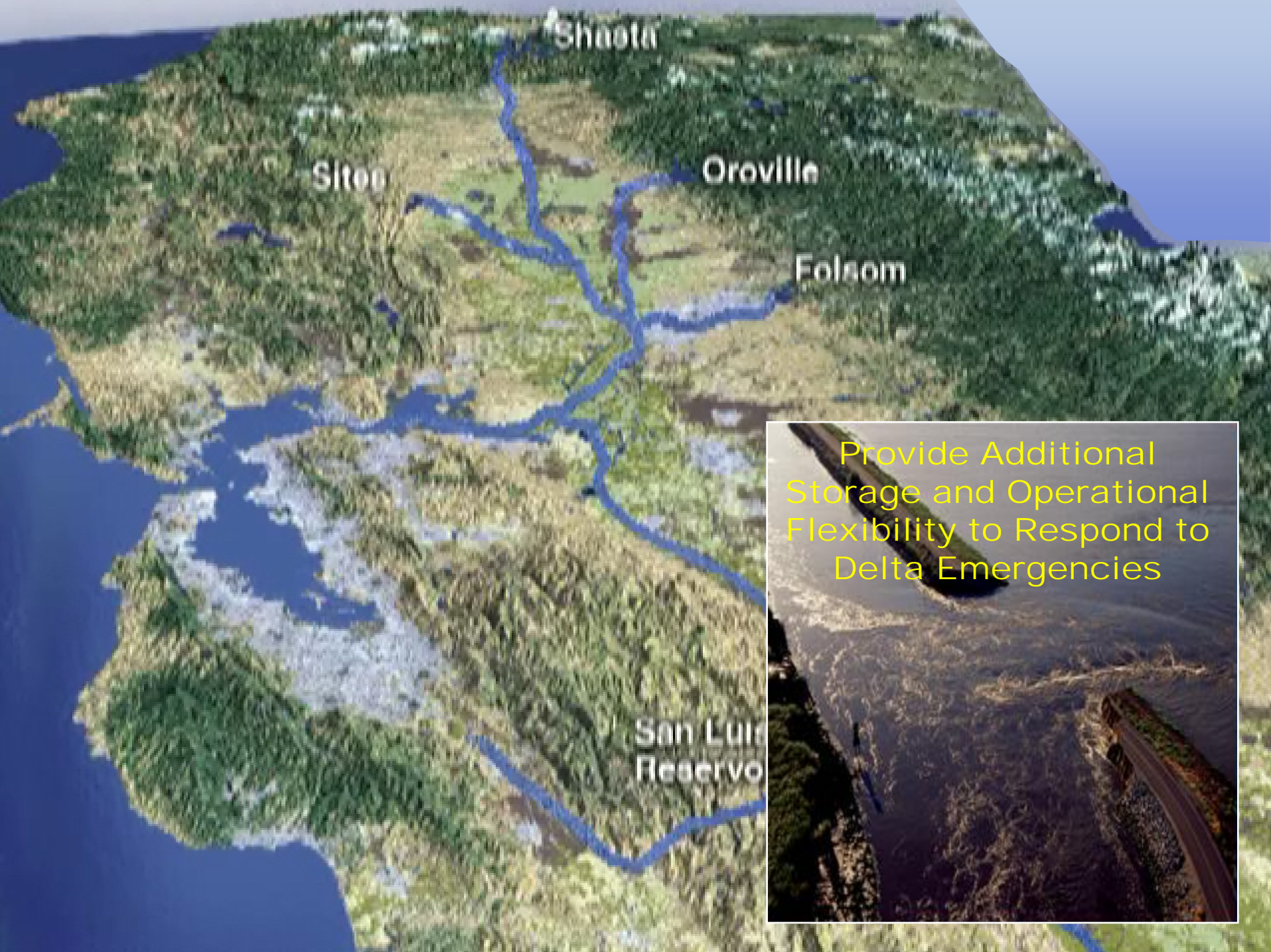


SPRING

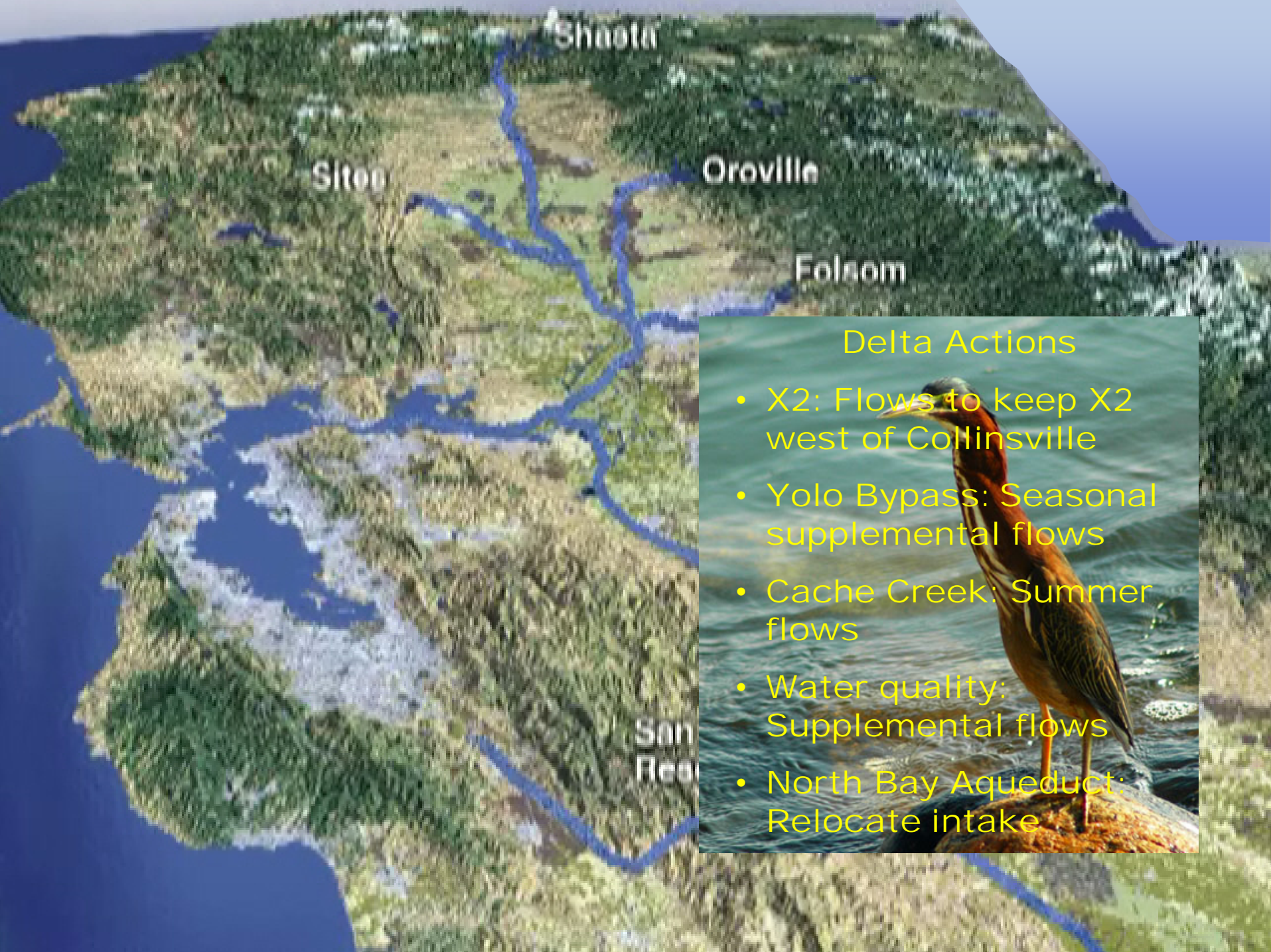


Provide Supplemental Spring Flows for Fish and Riparian Habitat





Provide Additional Storage and Operational Flexibility to Respond to Delta Emergencies



Shasta

Sutter

Oroville

Folsom

San Francisco

Delta Actions

- X2: Flows to keep X2 west of Collinsville
- Yolo Bypass: Seasonal supplemental flows
- Cache Creek: Summer flows
- Water quality: Supplemental flows
- North Bay Aqueduct: Relocate intake

