

2006 303(d) List Update



Central Valley RB Staff Comments

Overarching Issue

- Regional Board should be given first opportunity to interpret its own objectives
- Interpreting compliance with objectives has implications for other programs

Non-native aquatic species

The new pollutants?

Channel catfish



Mosquito fish



RB5 Fisherman w/
largemouth bass

Temperature

- “Natural” temperature can not be altered unless beneficial uses are not adversely impacted
- 21°C criterion used cannot be achieved in most lower elevation streams
- Baseline for fishery pre-dates major hydro projects
- Upper Sac River example

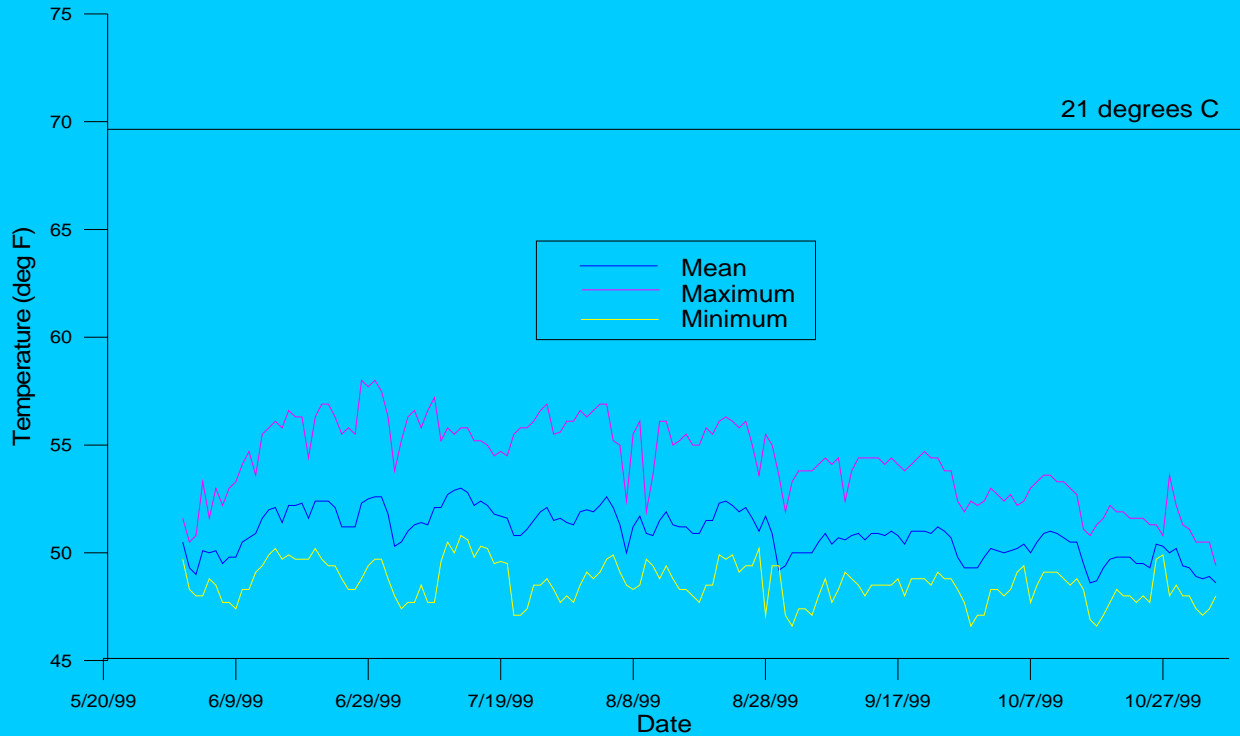
Temperature

Upper Sac River Example



Sacramento River Above Dunsmuir

Temperature (1999)



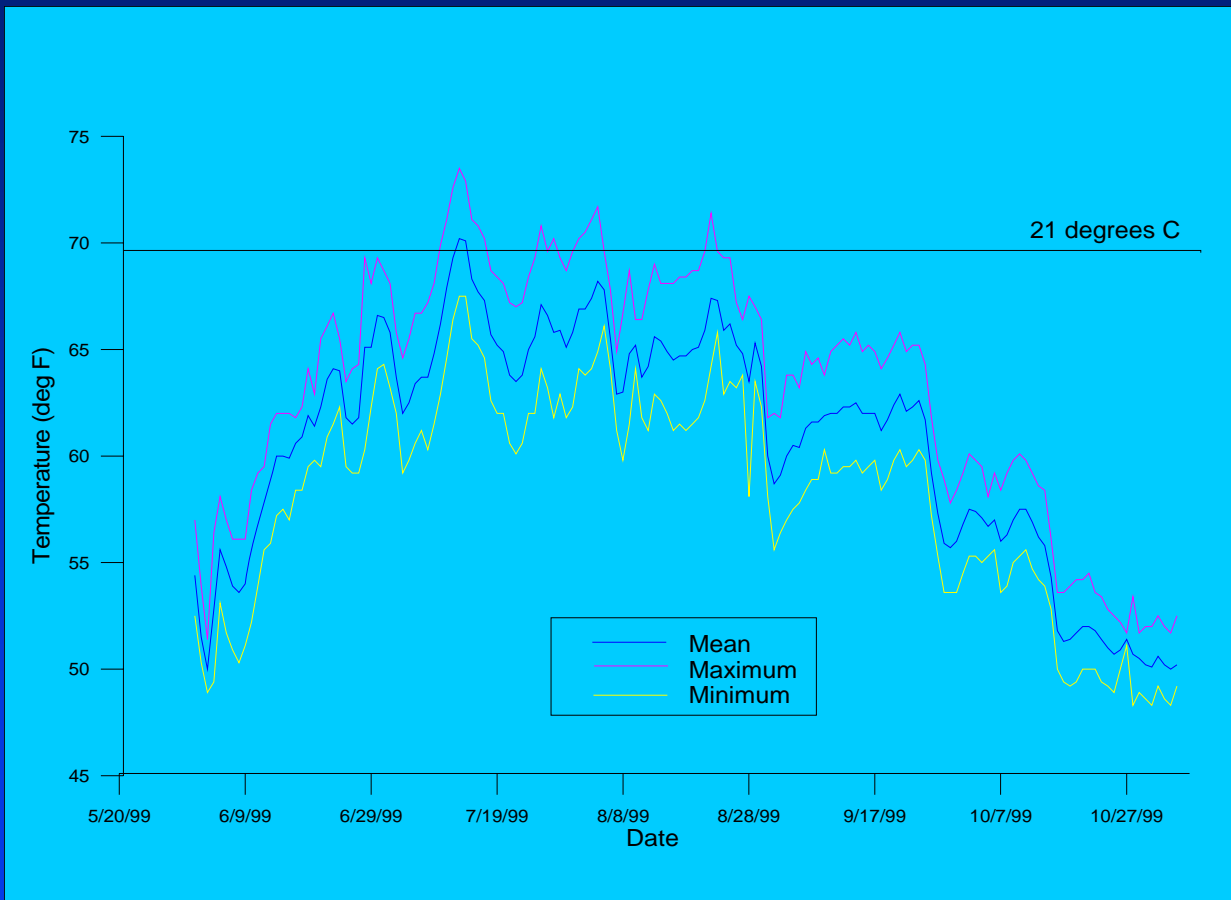
Temperature

Upper Sac River Example



Sacramento River @ Delta – 2 miles Above Shasta Slide 7

Temperature (1999)



Sacramento River @ Delta

Standards not Attained

- 1 in 3 year allowable exceedance rate applies to toxic pollutants
- Additive toxicity of pollutants (diazinon / chlorpyrifos) must be considered
- Weight of evidence suggests continued listing

Recommendations

- Allow Regional Board opportunity to interpret its objectives
 - ◆ Do not list exotic species for Delta, Cosumnes River, and San Joaquin River
 - ◆ Do not list temperature for N.F. Feather River and Willow Creek
- List Sacramento River, Feather River, and Morrison Creek for diazinon