

Lake Mohave General Fish Surveys

2004-2011



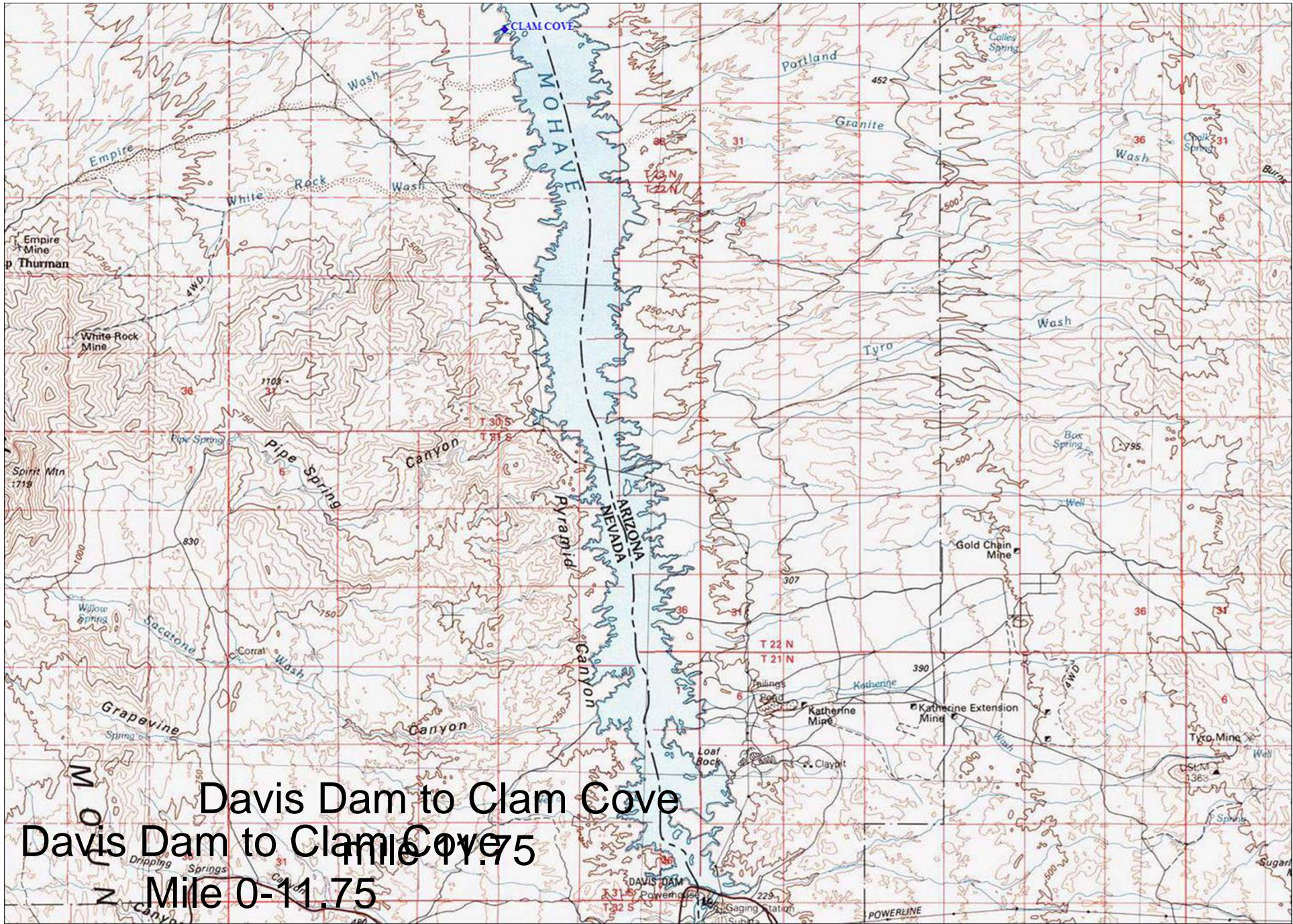
Cooperators

- Arizona Game and Fish Department
- Nevada Department of Wildlife
- National Park Service-Lake Mead
- U S Bureau of Reclamation
- U S Fish and Wildlife Service
- Others I'm sure I've missed
- THANK YOU!

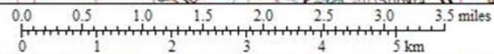
Arizona Protocol for Fisheries Management 2003

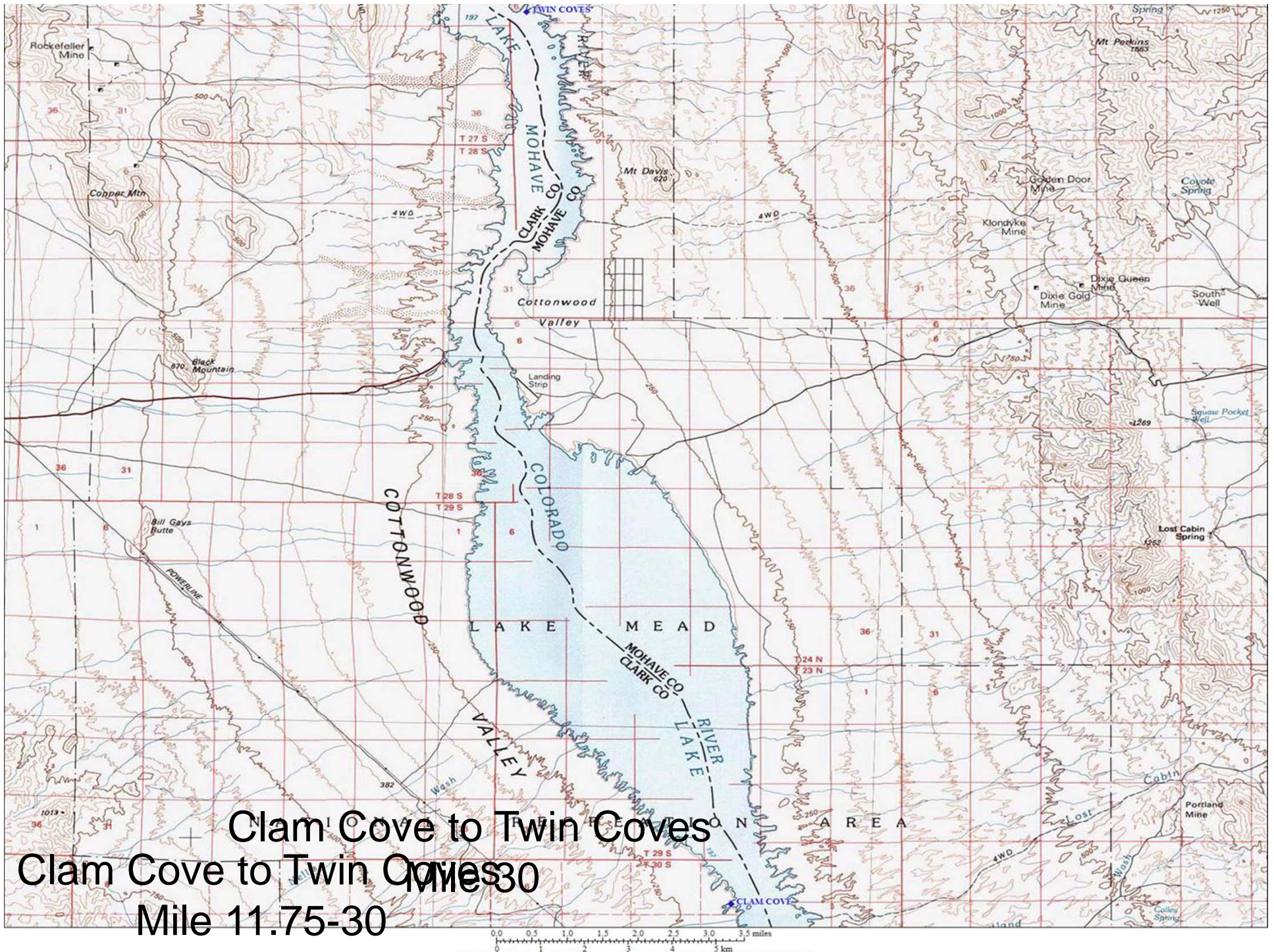
Lake stratified into thirds

- 50 randomly selected netting sites
 - Typically 20 on the lower section, 20 on the middle section and 10 on the upper section.

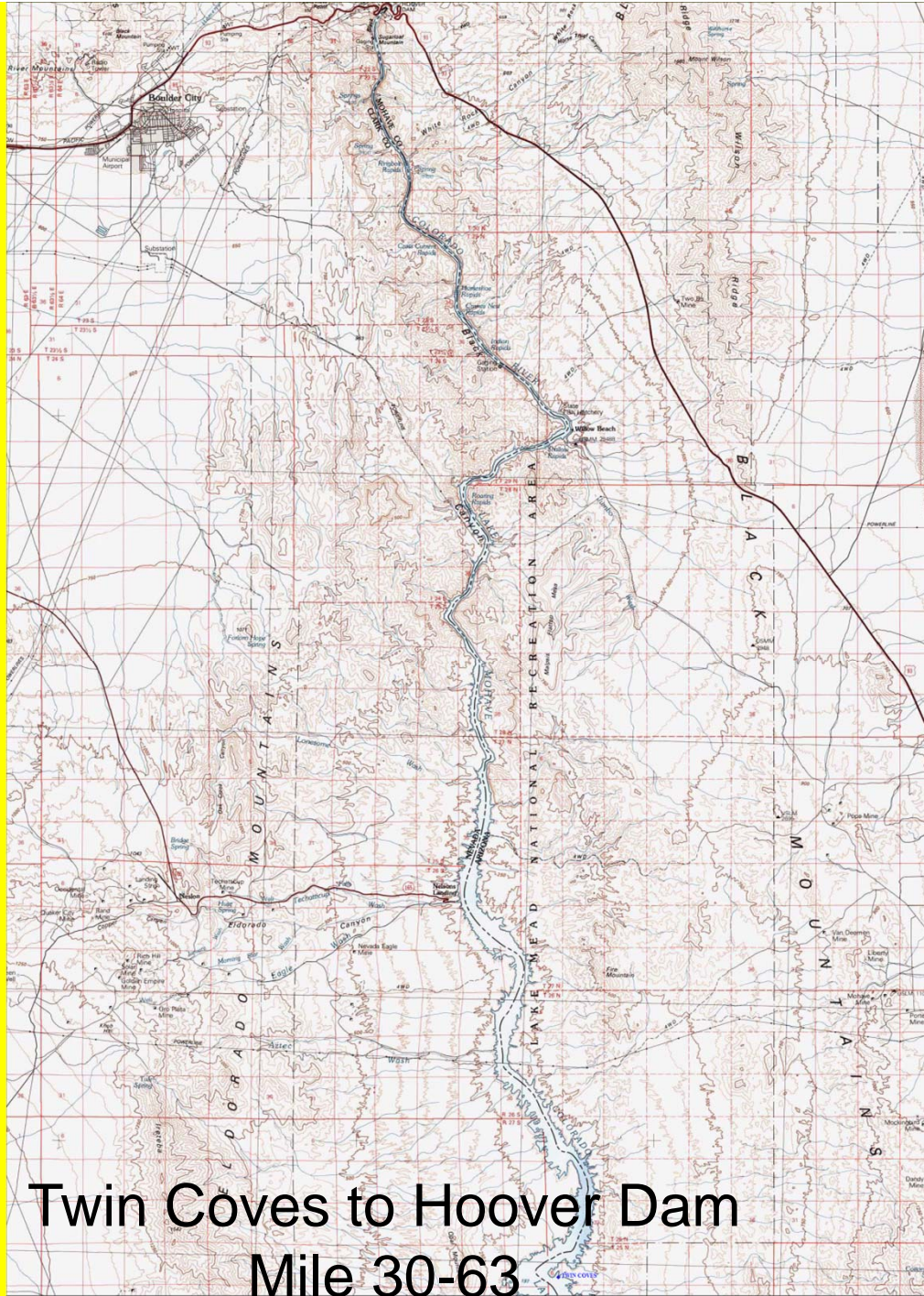


Davis Dam to Clam Cove
 Davis Dam to Clam Cove
 Mile 0-11.75





Clam Cove to Twin Coves
 Clam Cove to Twin Coves 30
 Mile 11.75-30



Twin Coves to Hoover Dam
Mile 30-63

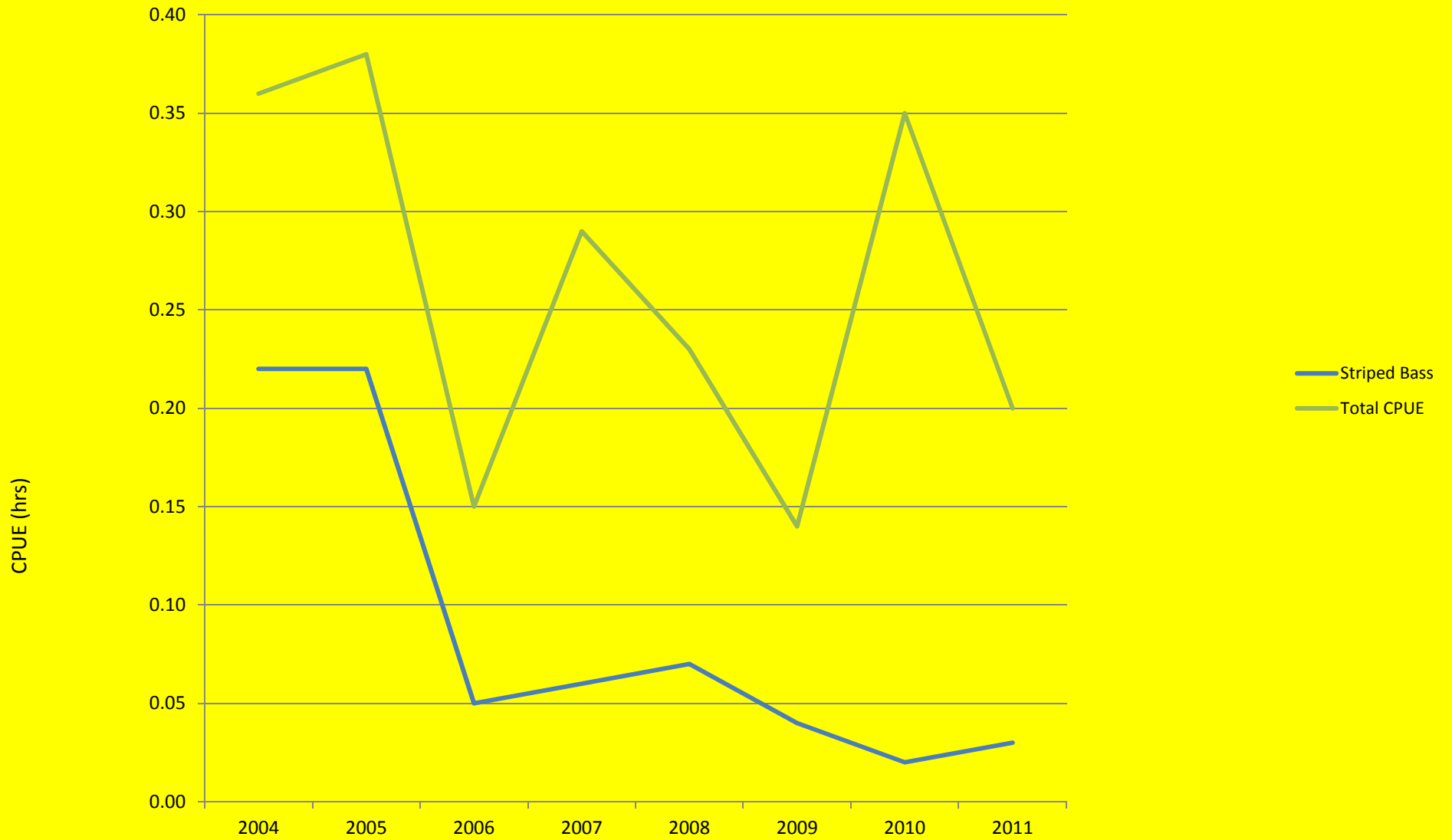
150-ft
Experimental gillnets



Comparison of Spring Netting Effort 2004- 2011

2004:	785 net hours
2005:	736 net hours
2006:	757 net hours
2007:	809 net hours
2008:	831 net hours
2009:	757 net hours
2010:	802 net hours
2011:	712 net hours

CPUE Striped Bass & Total

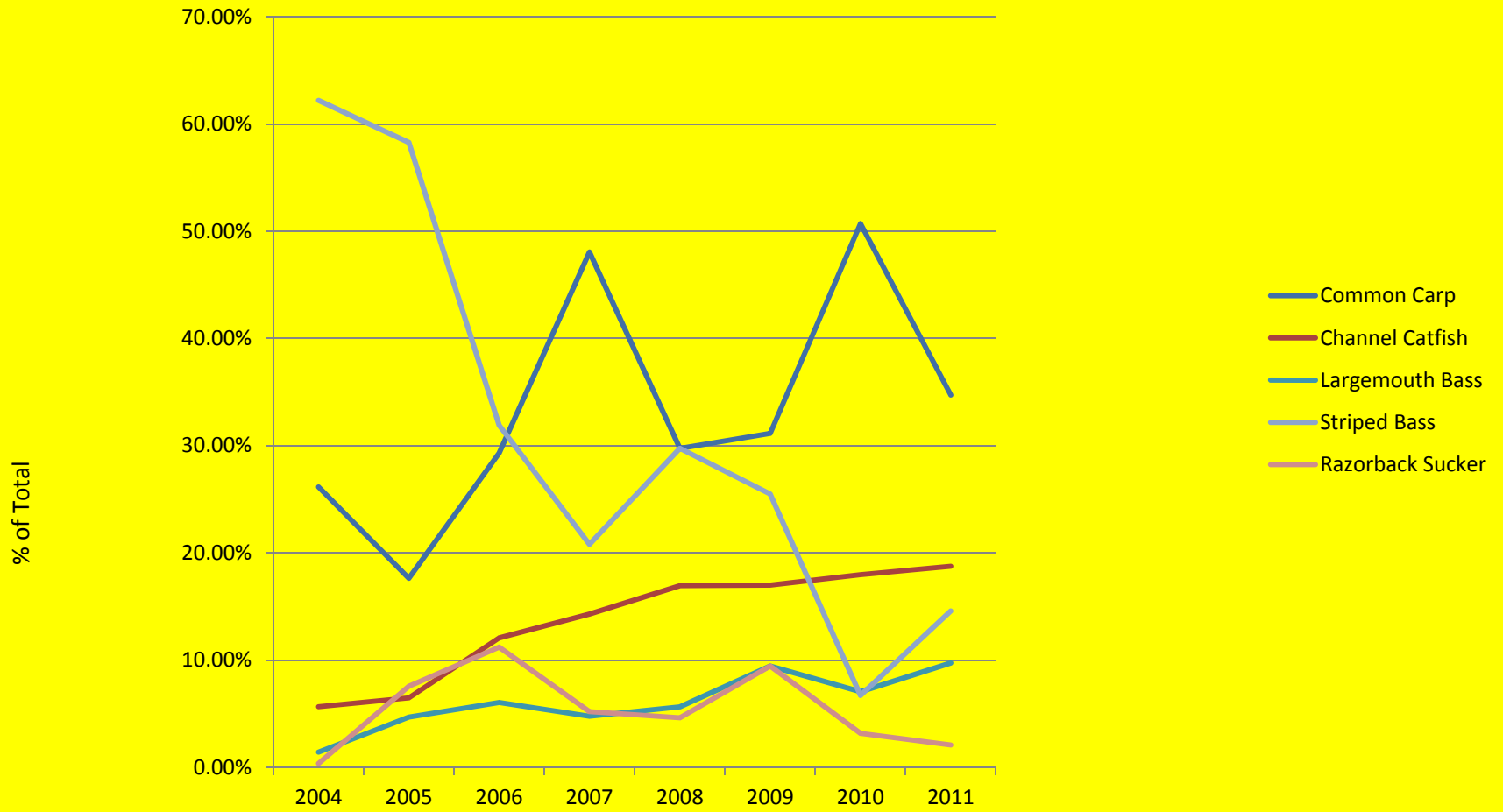


Striped Bass Mean Relative Weights by Netting 2004-2011

<u>Year</u>	<u>Total</u>	<u>Mean Rel. Wt.</u>
2004	176	97.15
2005	162	61.34
2006	37	78.02
2007	48	82.68
2008	58	117.55
2009	27	89.61
2010	20	103.91
2011	21	101.59



Species composition by number



Summer 2007

Threadfin Shad



Lake Mohave Striped Bass



Dead Fish



Koi Herpes outbreak -Mohave

- 5-16-09 First reports to AGFD
- 5-23-09 Lake wide
- 5-27-09 AGFD collects specimens
- 6-15-09 Run it's course
- 6-26-09- Results, Koi Herpes, with secondary bacteria "columnaris"
- Reports from USBR suggest it started high in the reservoir and worked it's way down.

What does it all mean?

- Reduced numbers of stripers
- Increased PSD for stripers
- Possible role of Quagga mussel
- Changes to Catfish & Largemouth?
- How is the protocol working?
- Koi Herpes