

# Utah Division of Wildlife Resources

2011 CRAB

Wayne Gustaveson



# Water Level Recent history

- 80-89 3700 Full
- 90-95 3650 MSL
- 96-99 3675 Full\*
- 02-08 3550-3633
- 2009 3642 MSL
- 2010 3638 MSL
- New Full Pool 3640?



# 3625 MSL – Present Level

- Ramps are wet
- Castle Rock Open
- Equalization triggered at 3640 between Lakes Mead and Powell -



# TREND NETTING

## Striped Bass

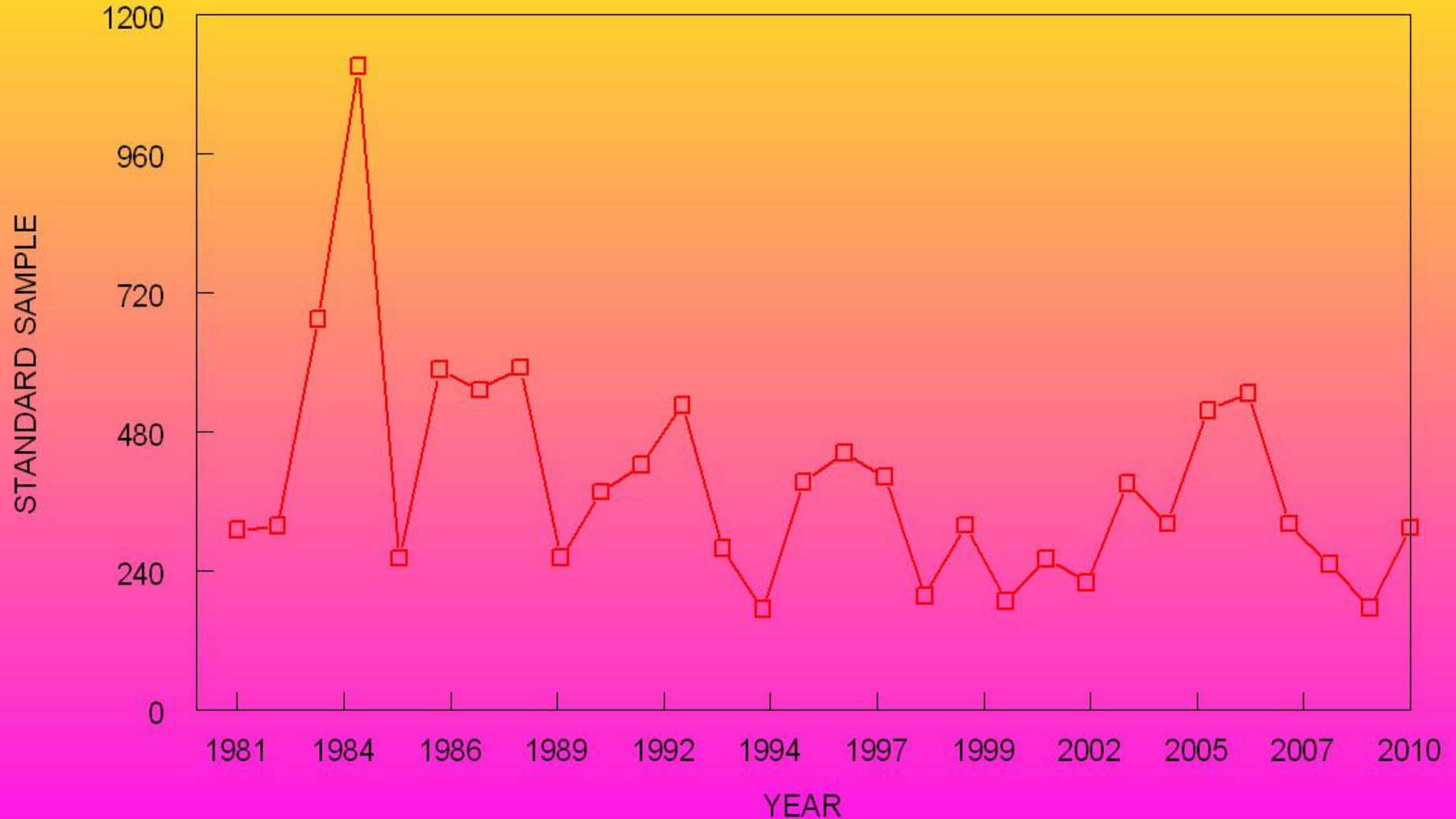
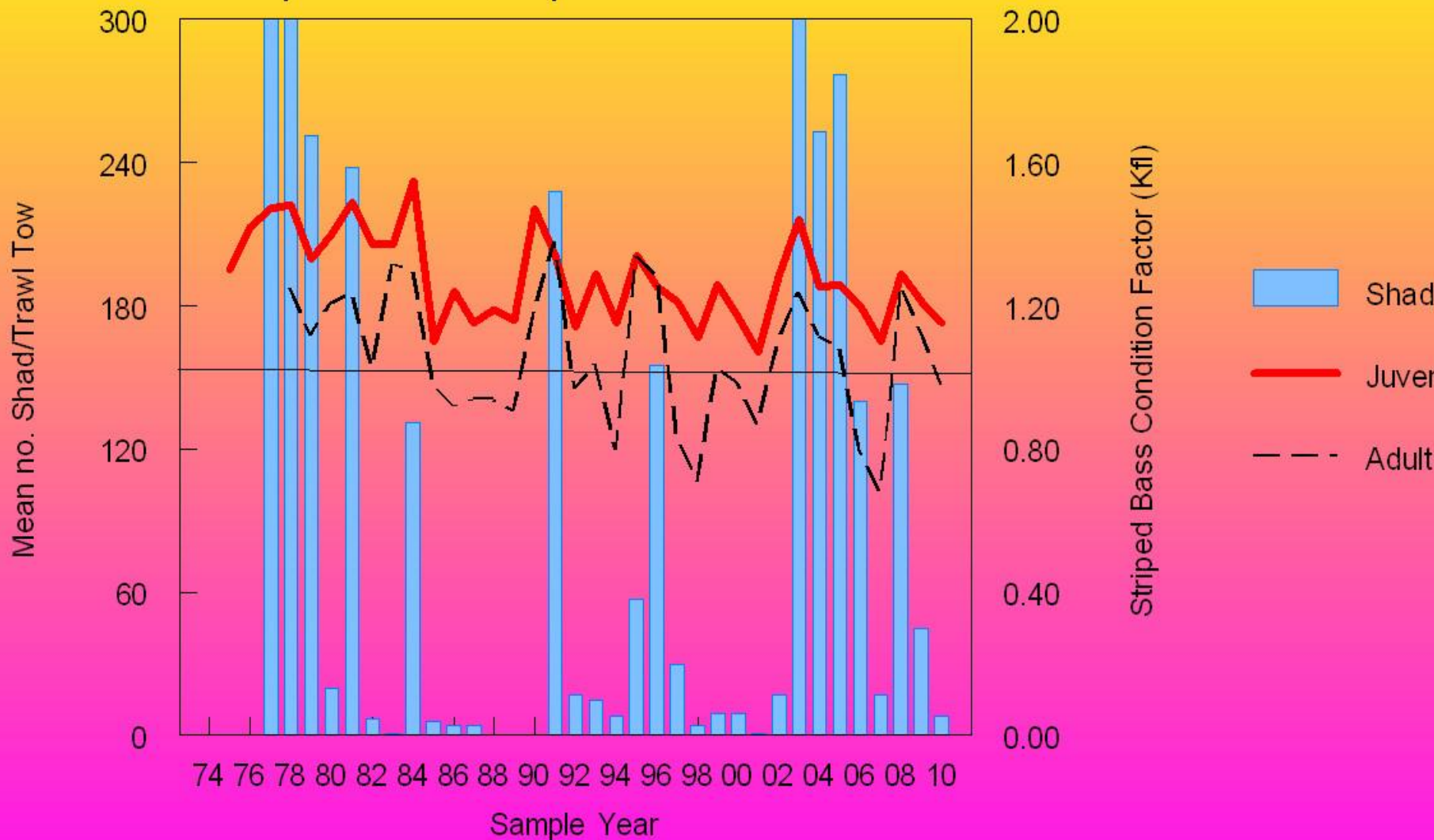


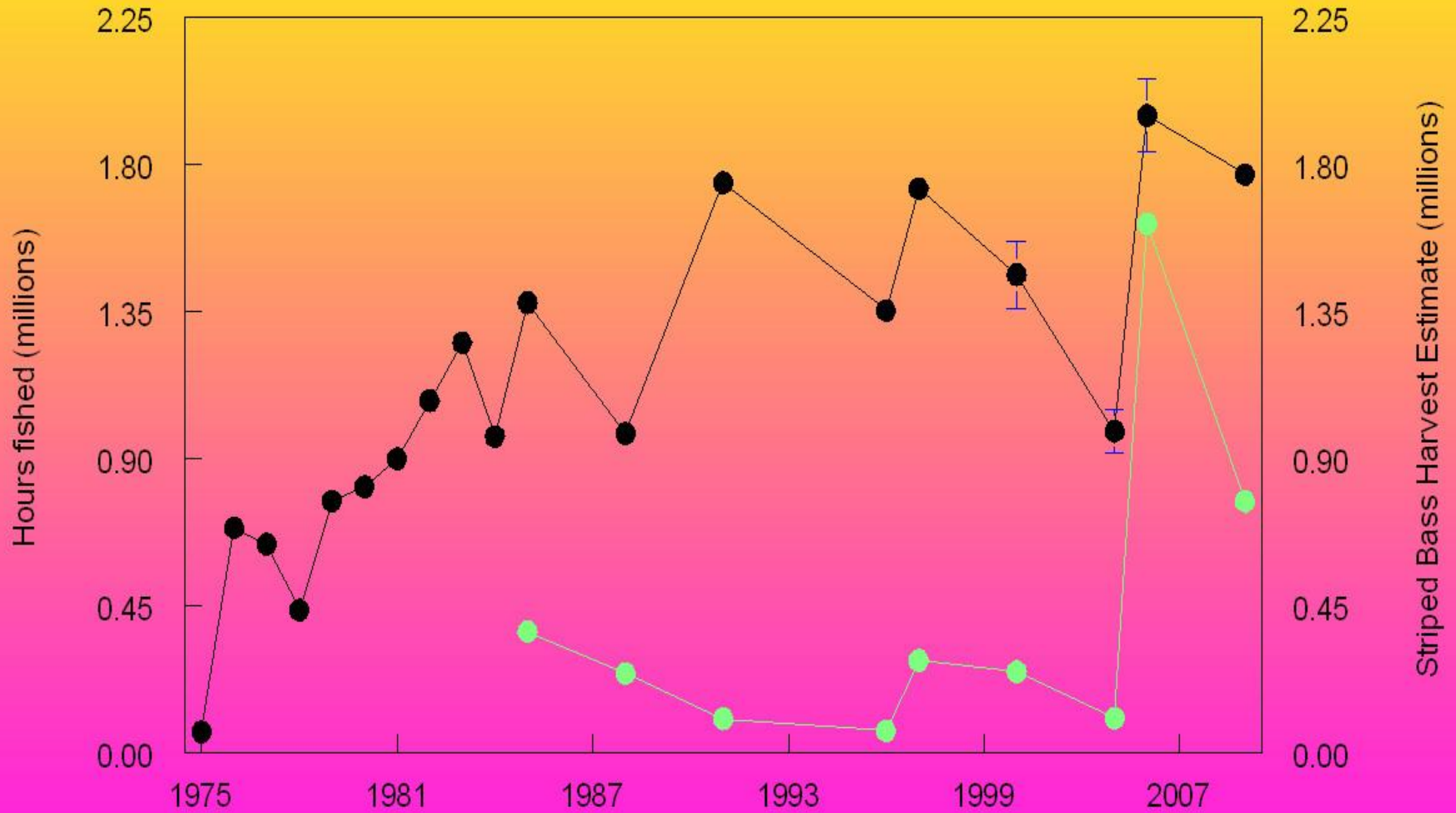
Figure 4. Total catch of striped bass from the annual fall gill netting survey, Lake Powell, UT, 1981 - 2009.

# Shad Captured in Mid Water Trawl

## Compared to Striped Bass Condition



# Total Hours Spent Fishing at Lake Powell



# Maximum Striper harvest



# Striped Bass Harvest

- 2007 - 100 per trip
- 2008 - 50 per trip
- 2009 - 10 per trip
- 2010 - 20 spring
- 2010 - 100 fall





# Sport Fish Status Down from Peak in 2009

- Crappie remain
- Largemouth bass
- Smallmouth bass
- Walleye rebound



# Habitat Change - Brush remains One more year





# Proportion of Smallmouth Bass Greater than 13 in

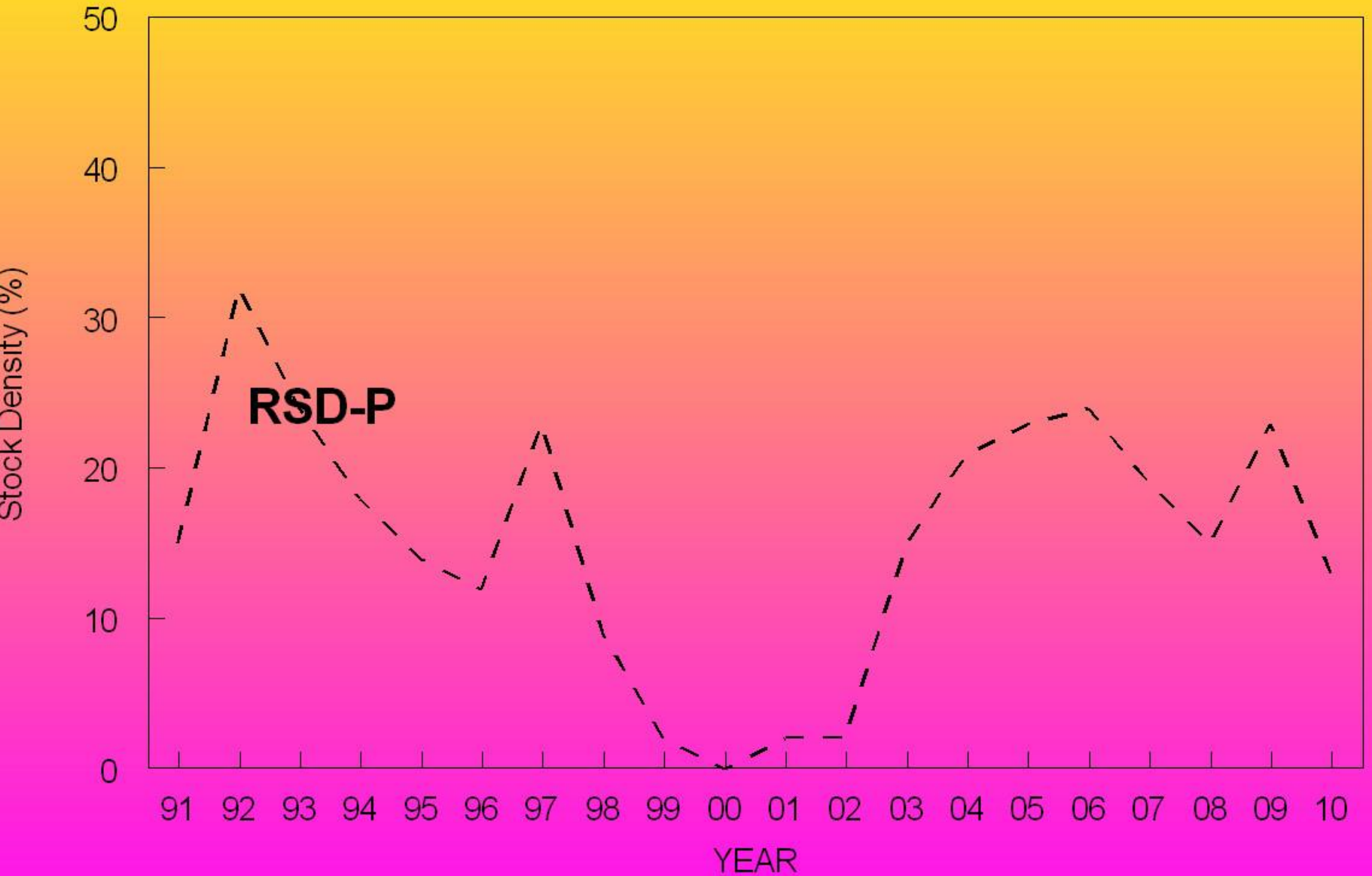


Figure 24. RSD-P of smallmouth bass collected in the fall gill nets 1991-2009, Lake Powell, UT.

# Gizzard Shad Impact!

- Large size – Quick Growth
- Available as forage for 1.5 years
- Adults are benign egg carriers
- Population is a strong positive in forage production
- No detrimental aspect seen
- No die off or competition

# Quagga Mussel Plan

- Education continues
- Interdiction: Self Certification Gone
- Mandatory interview and inspection
- Ramps CLOSED at night
- Techs working all winter
- Traffic funneled to two ramps
- Antelope Point, Stateline ramps CLOSED

# IS IT TOO LATE?

- Advance must be stopped
- Containment needed
- Cooperative Front needed
- Join Ranks wherever possible!

# SUMMARY



- Lake level stable
- Striped bass crash
- Shad numbers down
- Gizzard forage positive.
- Fishing prospects excellent.
- No Quagga Mussels