Nevada Department of Wildlife

Lake Mead
C.R.A.B.
January 12-13, 2011
Laughlin, NV
Creel Census

- Catch rates down in 2010
  Average 0.8 fish per angler hour
Creel harvest
Species percentage
Threadfin shad

- Peak production in Las Vegas Bay at 163 shad /100 m³
- Poor production Overton this year at 14 shad / 100 m³
- Unable to distinguish threadfin from gizzard shad at this size
Shad production by year

![Shad production by year chart](chart.png)
Fall gill nets

- Multi-agency effort
  - NDOW, AZGFD, BOR, NPS
- 78 nets, 136 net nights of effort
- A record 2,656 fish at 19.5 fish per net night
Gill net CPUE

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Black bass fishery monitoring

- Collect catch data from fishing tournaments
  - 33 LMB tournaments held on Lake Mead in 2010 (23 last year).
- Summertime snorkel surveys
Black Bass fishery monitoring

- Largemouth bass
  - Average 16 inches, 2.1 lb.
  - (2009 - 15.3 inches, 1.8 pounds)
- Smallmouth bass
  - Average 15.2 inches, 1.7 lb.
  - (2009 - 14.8 inches, 1.6 pounds)
Snorkel surveys

- 2010 – fewer largemouth and smallmouth observed
- 5-foot drop in lake elevation May-June
Striped bass tournaments

- **2010**
  - Average 18.5 inches TL, 2.4 lbs.
  - Average K (fl) 1.13

- **2009**
  - Average 19.5 inches TL, 2.4 lbs.
  - Average K (fl) 1.08
Trout stocking

• 57,268 trout stocked in 2010
• Hemenway, Boulder Harbor, and Crawdad Cove

• Trout made up 11% of the annual harvest
• Angler preference for trout was 10% (creel survey data)
Summary

• Angler catch rates have declined
• Increase in smallmouth bass abundance
• Poor year for black bass dive counts
• Striped bass condition improved
• Slow growth rates for young stripers
• Few stripers seen in electrofishing sample
• Increase in green sunfish & bluegill