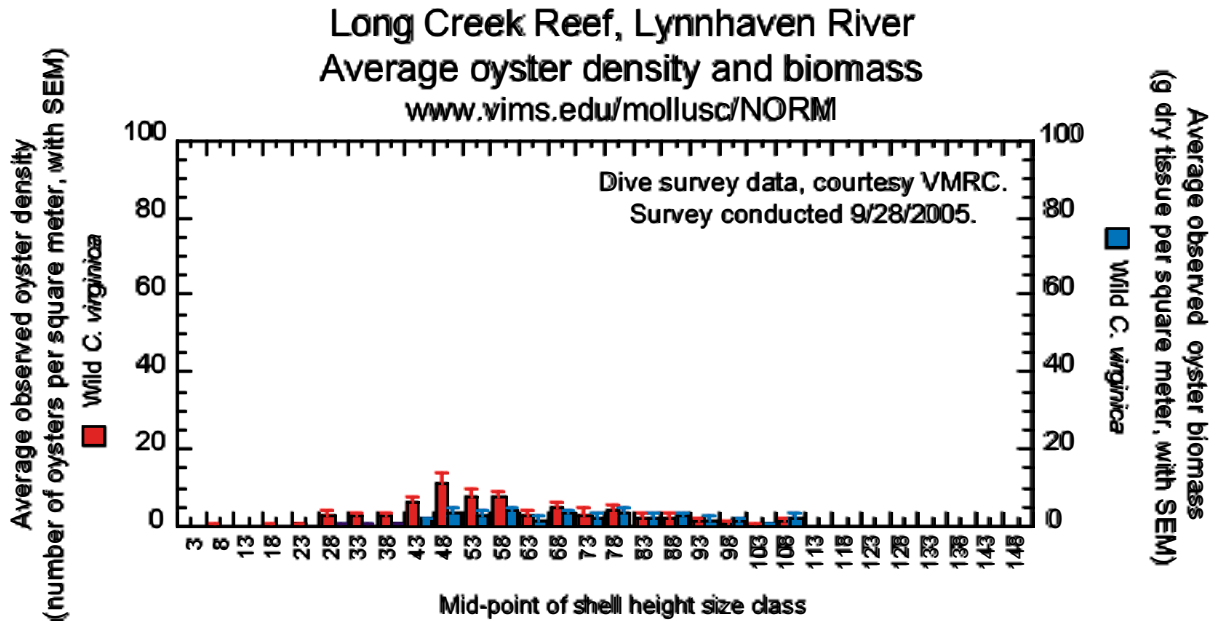


Speaker's Notes: Long Creek Reef, Lynnhaven River -
Density, Biomass and Demographics from Dive Surveys

Contact Ms. Melissa Southworth (melsouth@vims.edu) for additional information or questions regarding these data.



VMRC divers surveyed Long Creek Reef on 9/28/2005 and identified oysters that they found as either “cultured” or “wild”. No cultured oysters were found. Average density and biomass were calculated for each category (in 5 mm size bins) from each of the 12 quadrats randomly selected within the reef area. The standard error of the mean for each density and biomass value gives an indication of the variability observed for these values across the 12 quadrats surveyed. The average density of all oysters on Long Creek Reef was 66.3 ± 12.56 oysters per square meter. The average biomass of all oysters on Long Creek Reef was 36.6 ± 10 g dry tissue per square meter.