



BEAR CREEK RESERVOIR

Fact Sheet 48 Bass & Saugeye 2015 Fishery Report

Updated June 16, 2016

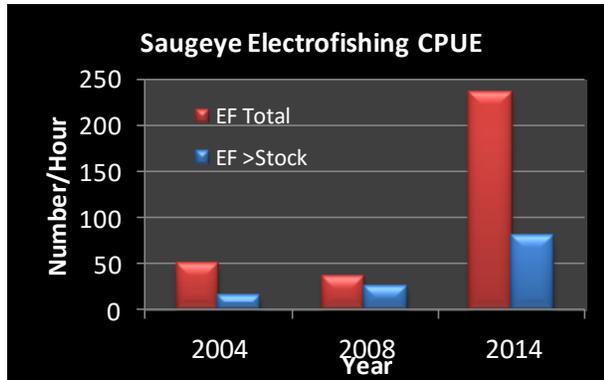
The Bear Creek Watershed Association protects and restores water and environmental quality within the Bear Creek Watershed from the effects of land use.

Clear Creek County
 Jefferson County
 City of Lakewood
 Town of Morrison
 Aspen Park Metropolitan District
 Brook Forest Inn
 Conifer Sanitation Association
 Conifer Metropolitan District
 Denver Water Department
 Evergreen Metropolitan District
 Forrest Hills Metropolitan District
 Genesee Sanitation & Water District
 Geneva Glen
 Jefferson County School District
 Kittredge Water & Sanitation District
 Tiny Town Foundation, Inc.
 West Jefferson County Metropolitan District
 Evergreen Trout Unlimited
 U.S. Army Corps of Engineers



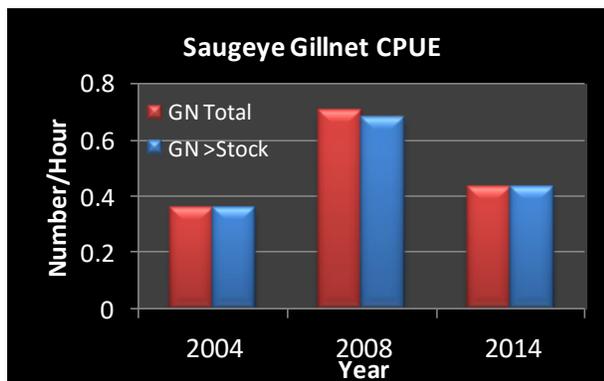
Saugeye are a cross between sauger and walleye.

In 2014 Paul Winkle with the Colorado Department of Parks and Wildlife conducted a fishery survey in Bear Creek Reservoir. This status report focuses on the fish population data for saugeye and smallmouth bass, which are two of the primary sport fish in the reservoir (See *BCWA Fact Sheet 12* for a complete list of fish species in the watershed).

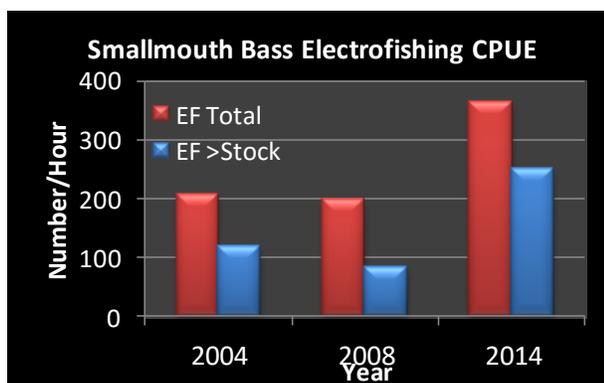


higher than 2008 and 2004, so the young saugeyes were doing well in the fall 2014.

The saugeye catch rate from electrofishing is not an actual population estimate, rather its a catch rate as a relative index to compare between years. The red bars are the entire size range of saugeyes, the blue bars are only adults. Electrofishing tend to target young-of-the-year fish (fish stocked spring 2014). The catch rate in 2014 was much



The saugeye gillnet catch rate primarily targets adult fish, so this is a relative index of adult saugeye abundance. The catch rate in 2014 was less than 2008 and slightly higher than 2004. Paul Winkle is not too concerned about the decrease in catch rate from 2008; if the value was near zero in 2014, then something's probably happening to the fishery.



The smallmouth bass electrofishing shows the 2014 catch rates are higher than previous years, indicating that catch rate of adults (blue) and of all size smallmouth (red) was higher in 2014

compared to previous years. Paul Winkle concludes the September 2013 flood event did not have any drastic effects on two of the primary sport fish species in Bear Creek Reservoir.