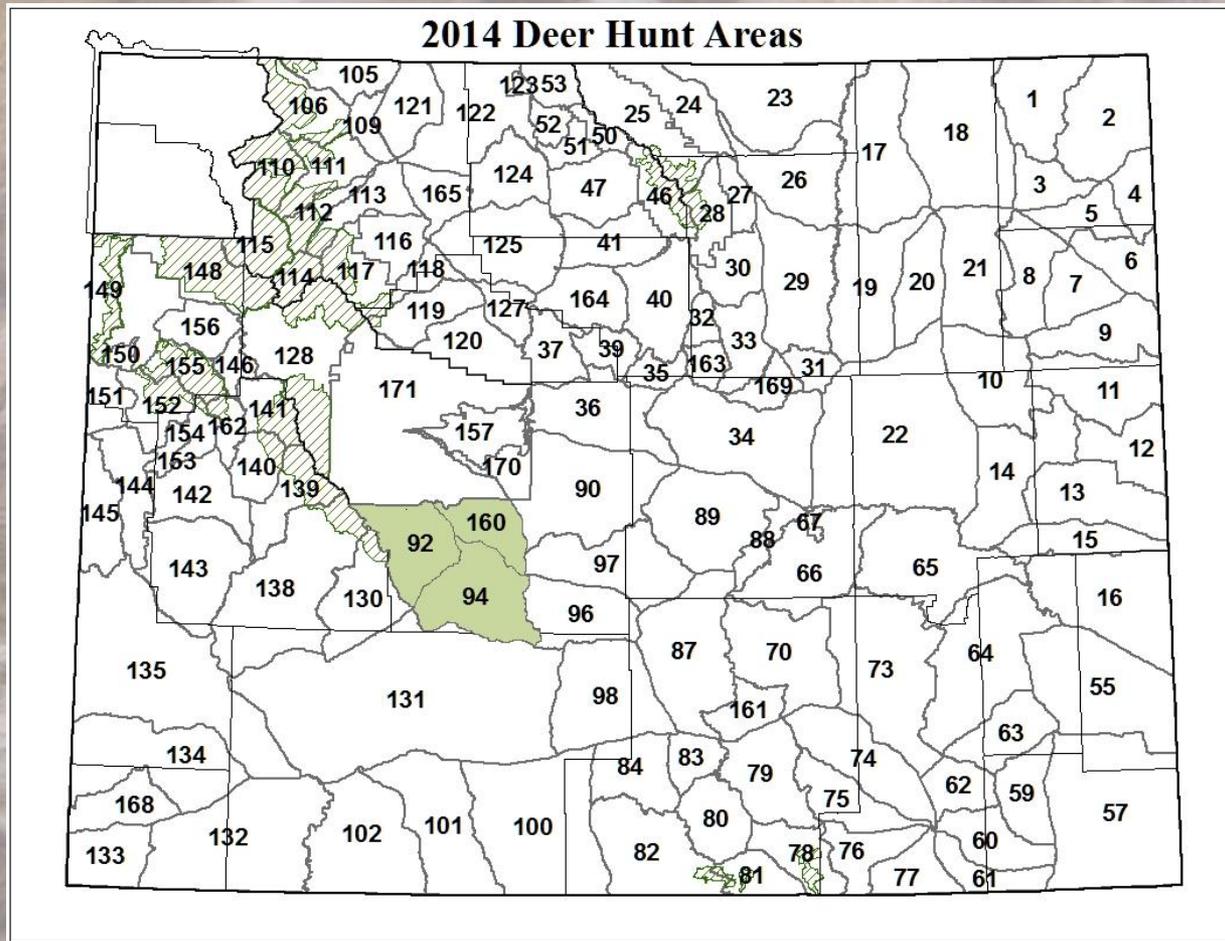




**Mule Deer Management Workshop
Lander/Green Mountain**

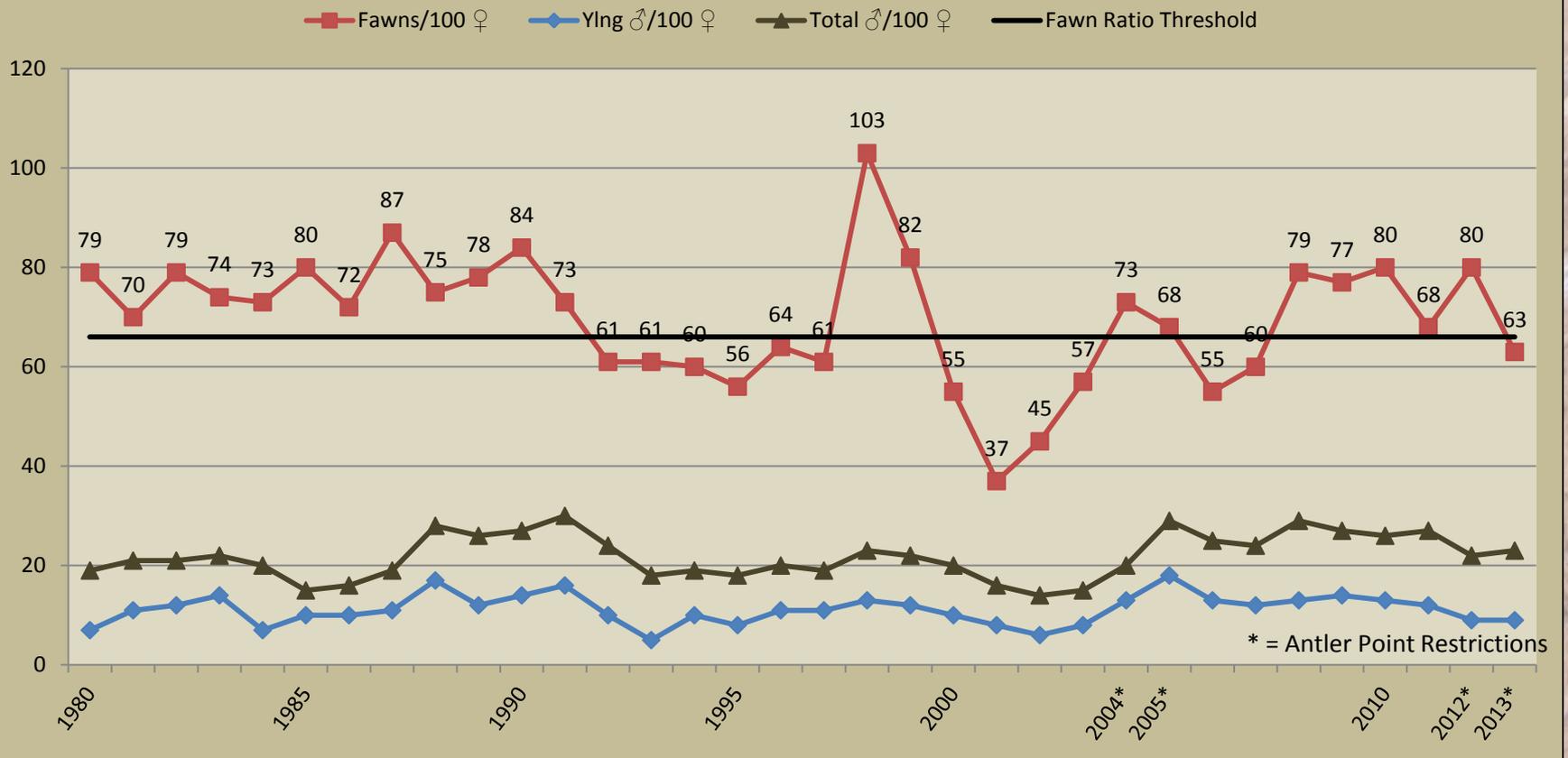
April 24, 2014

South Wind River Mule Deer



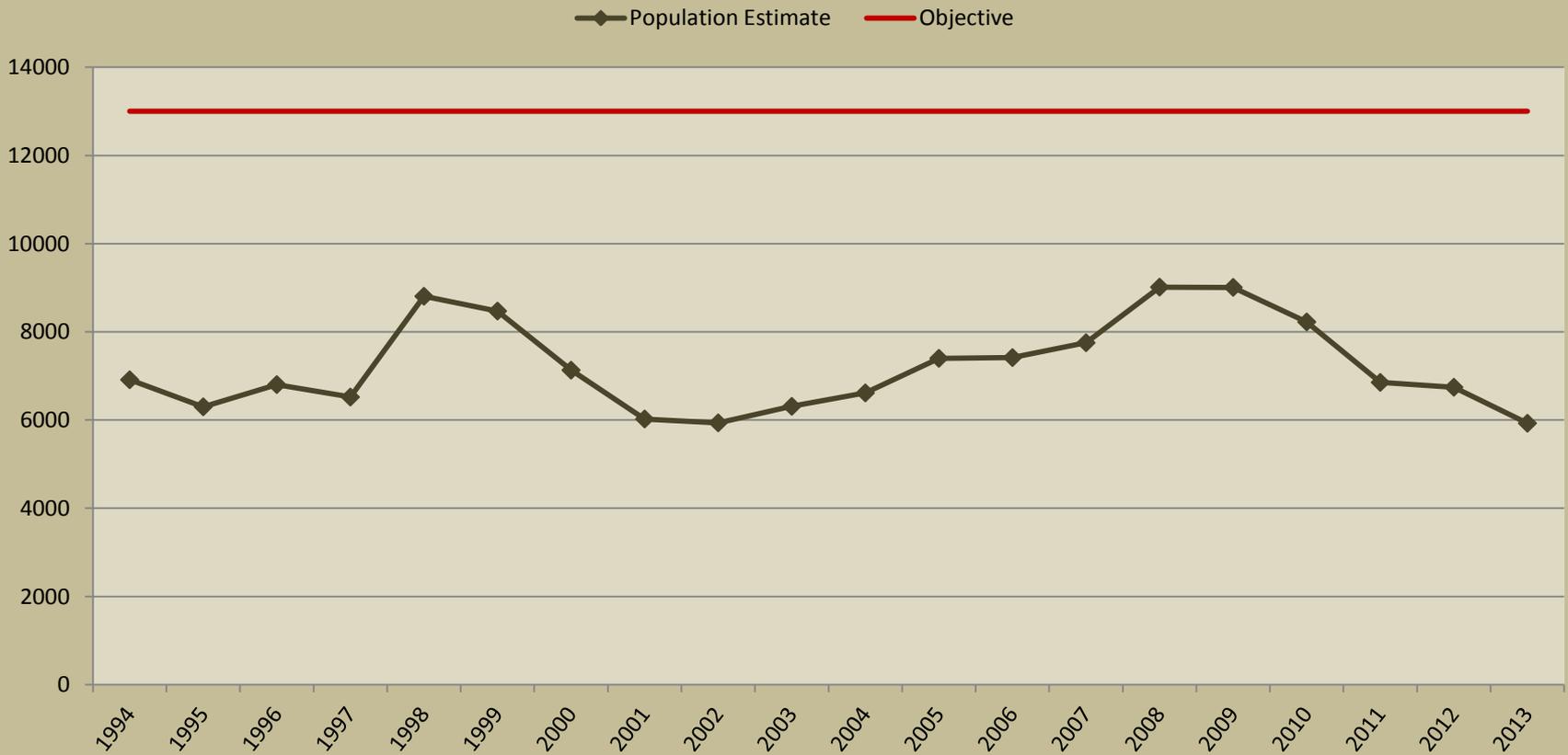
South Wind River Mule Deer

South Wind River Mule Deer - Age and Sex Ratios

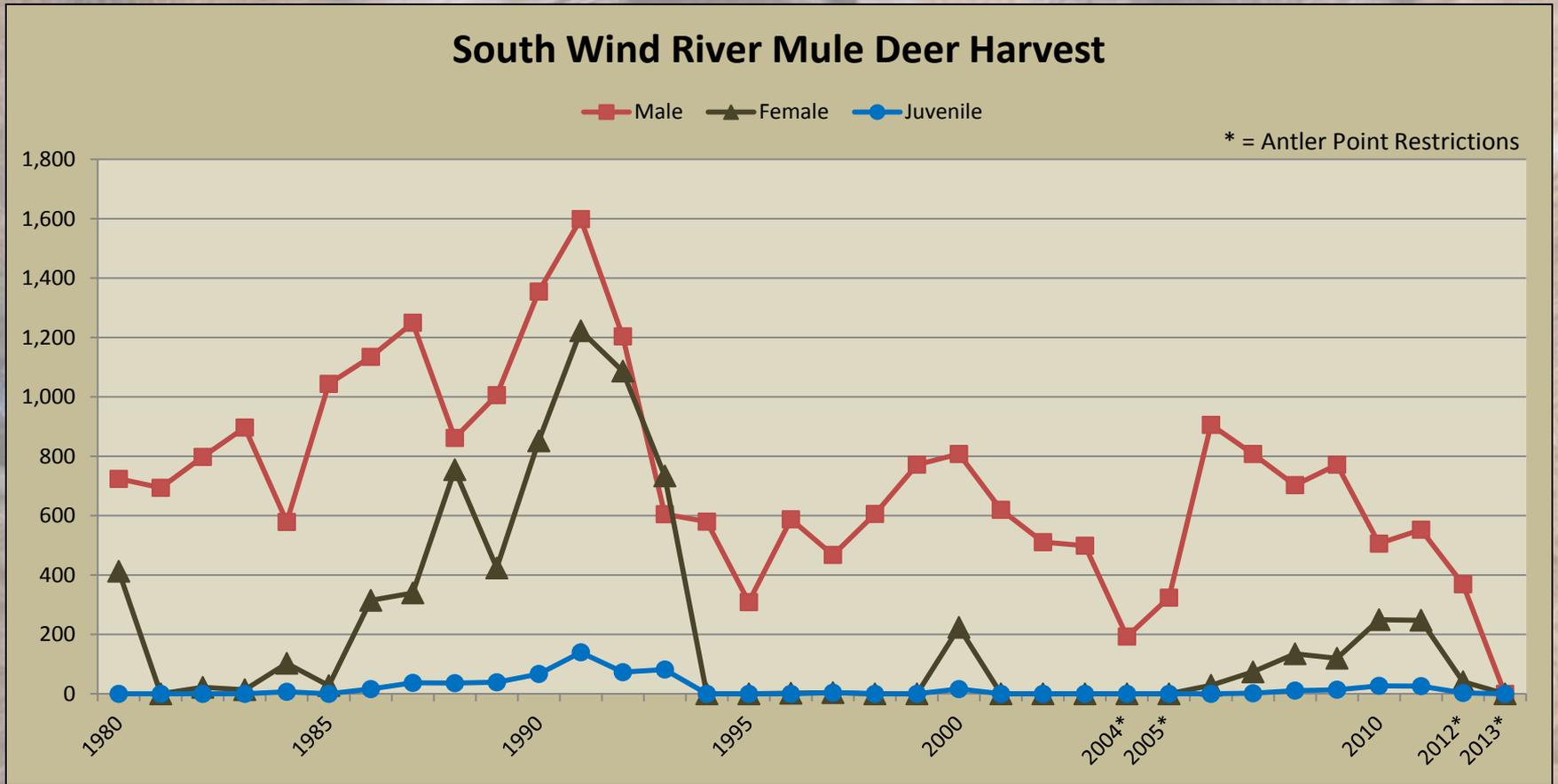


South Wind River Mule Deer

South Wind River Mule Deer Population Estimate



South Wind River Mule Deer

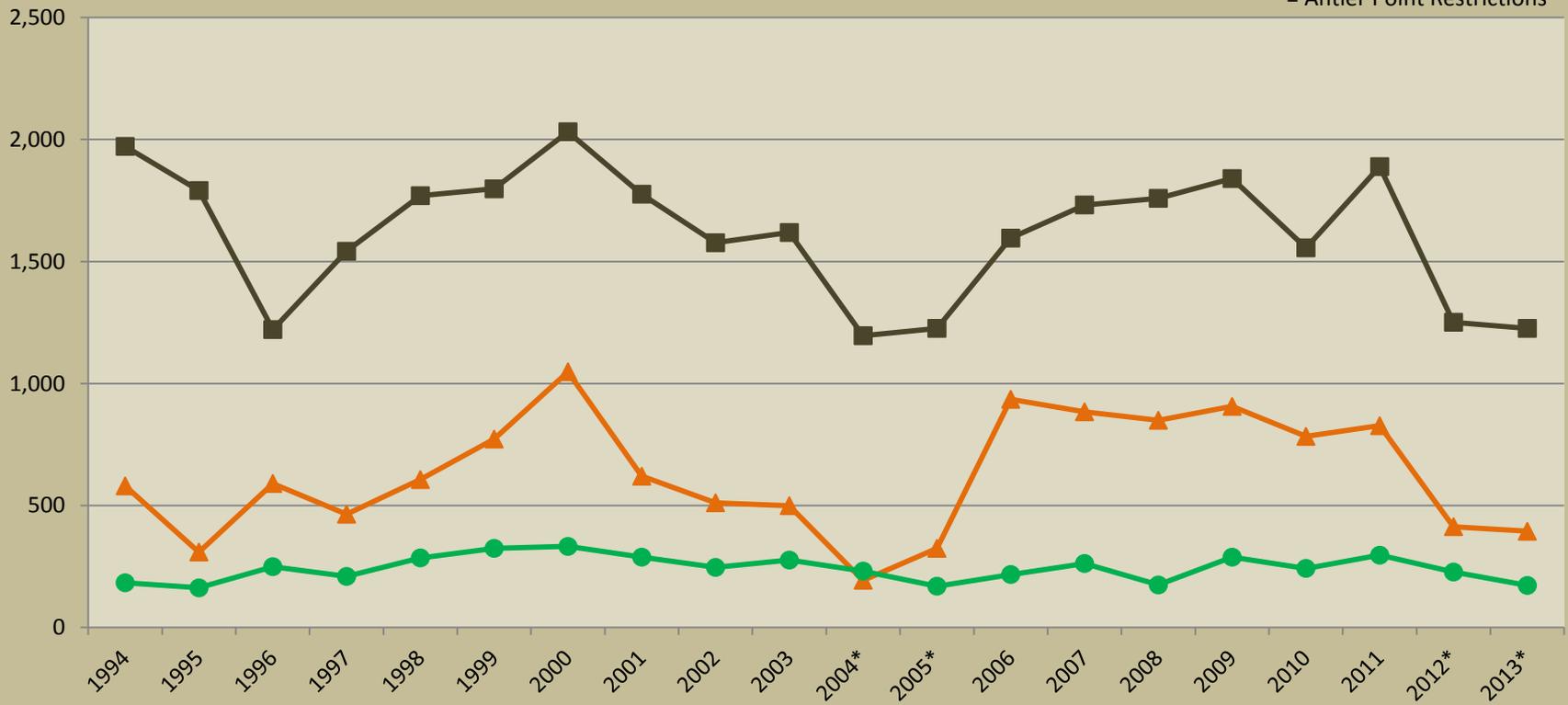


South Wind River Mule Deer

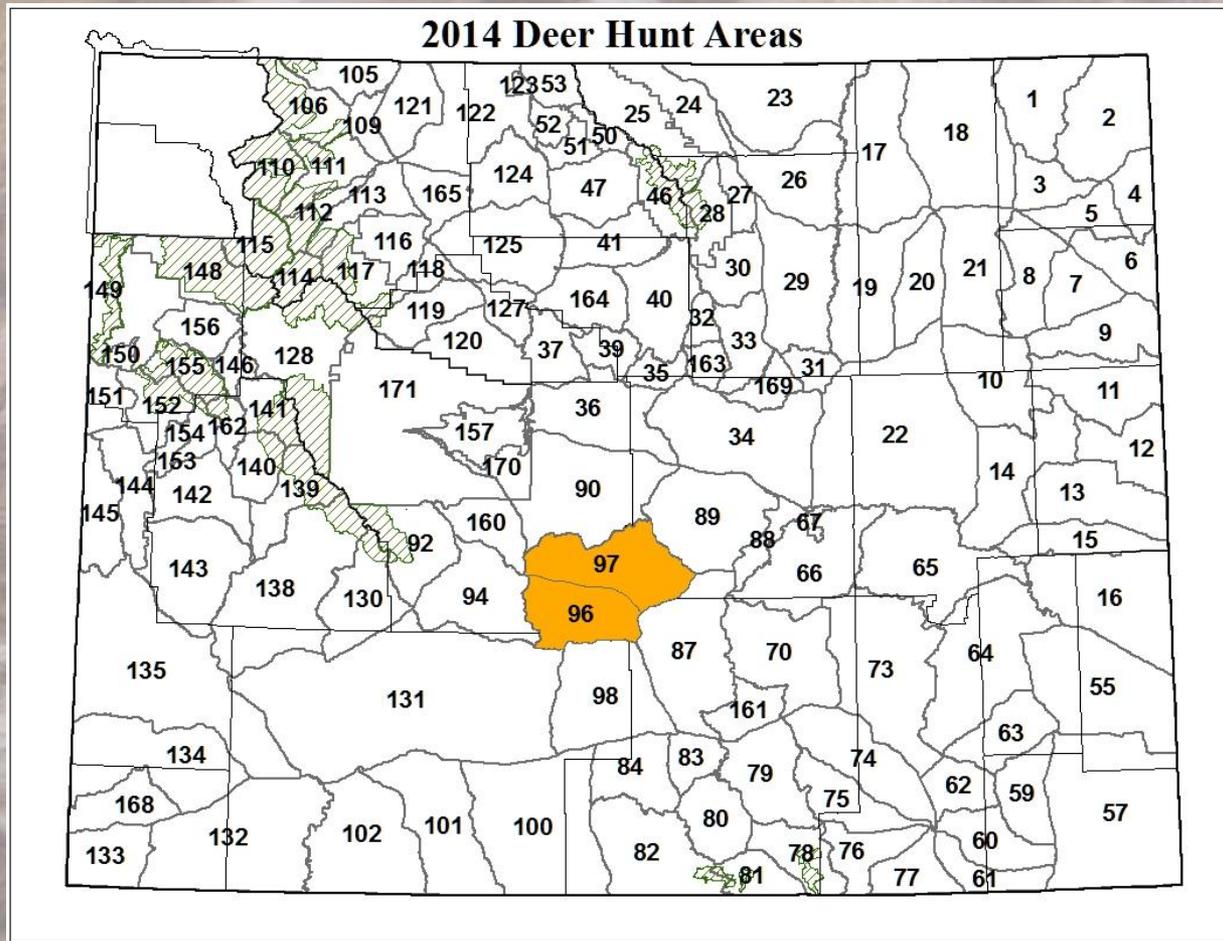
South Wind River Hunter Numbers and Total Harvest

■ Total Hunters ▲ Total Harvest ● NonResident Hunters

* = Antler Point Restrictions



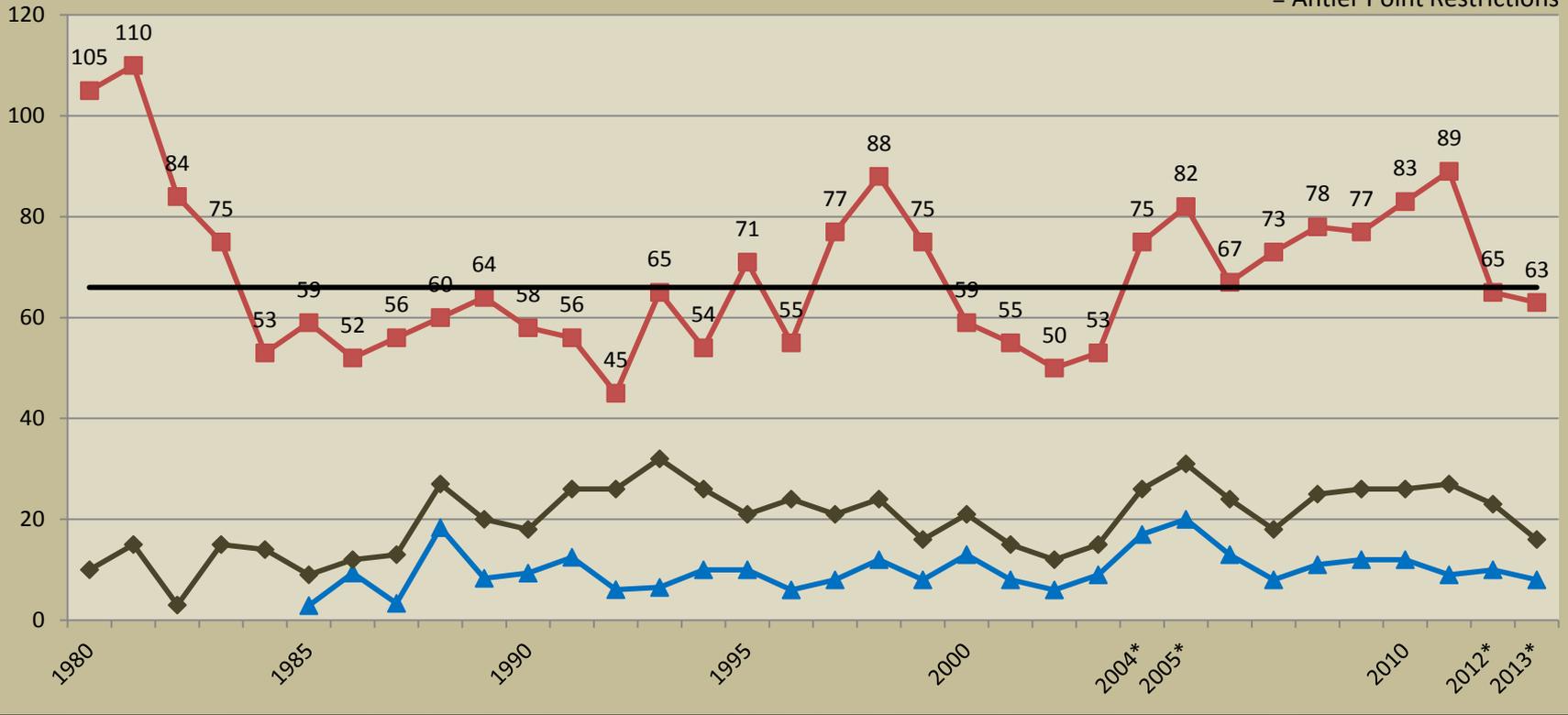
Sweetwater Mule Deer



Sweetwater Mule Deer

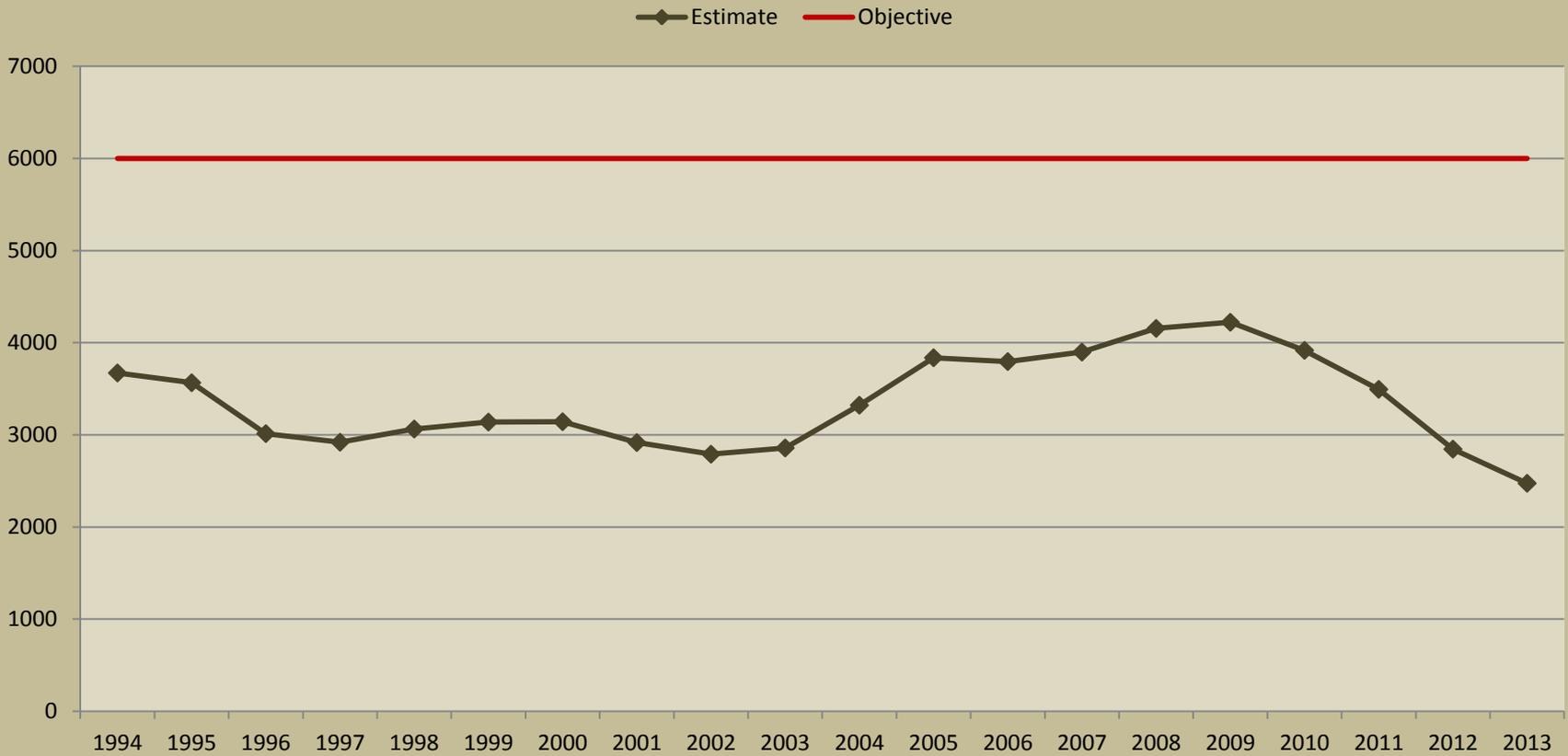
Sweetwater Mule Deer - Age and Sex Ratios

■ Fawns/100 ♀ ▲ Yrlg ♂/100 ♀ ◆ Total ♂/100 ♀ — Fawn Ratio Threshold
* = Antler Point Restrictions



Sweetwater Mule Deer

Sweetwater Mule Deer Population Estimate

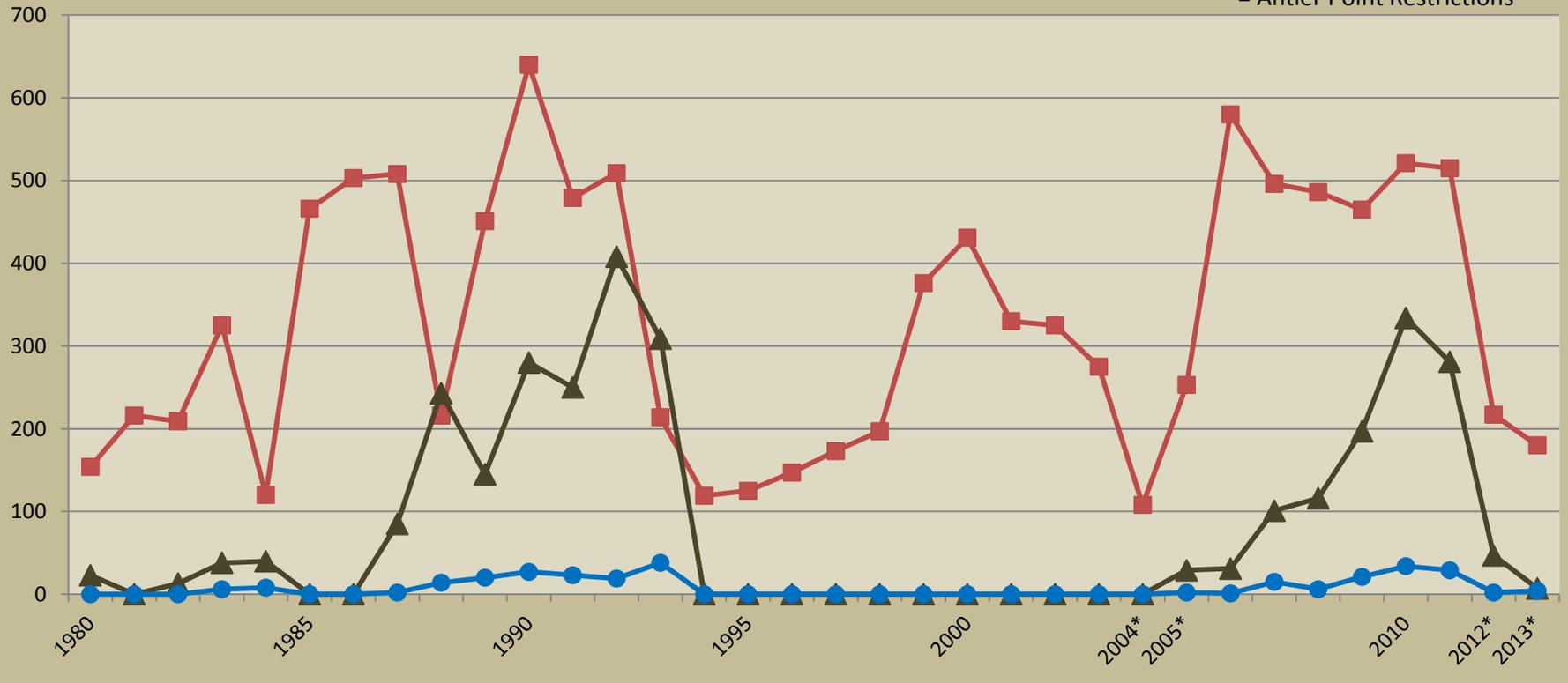


Sweetwater Mule Deer

Sweetwater Mule Deer Harvest

Male Female Juvenile

* = Antler Point Restrictions

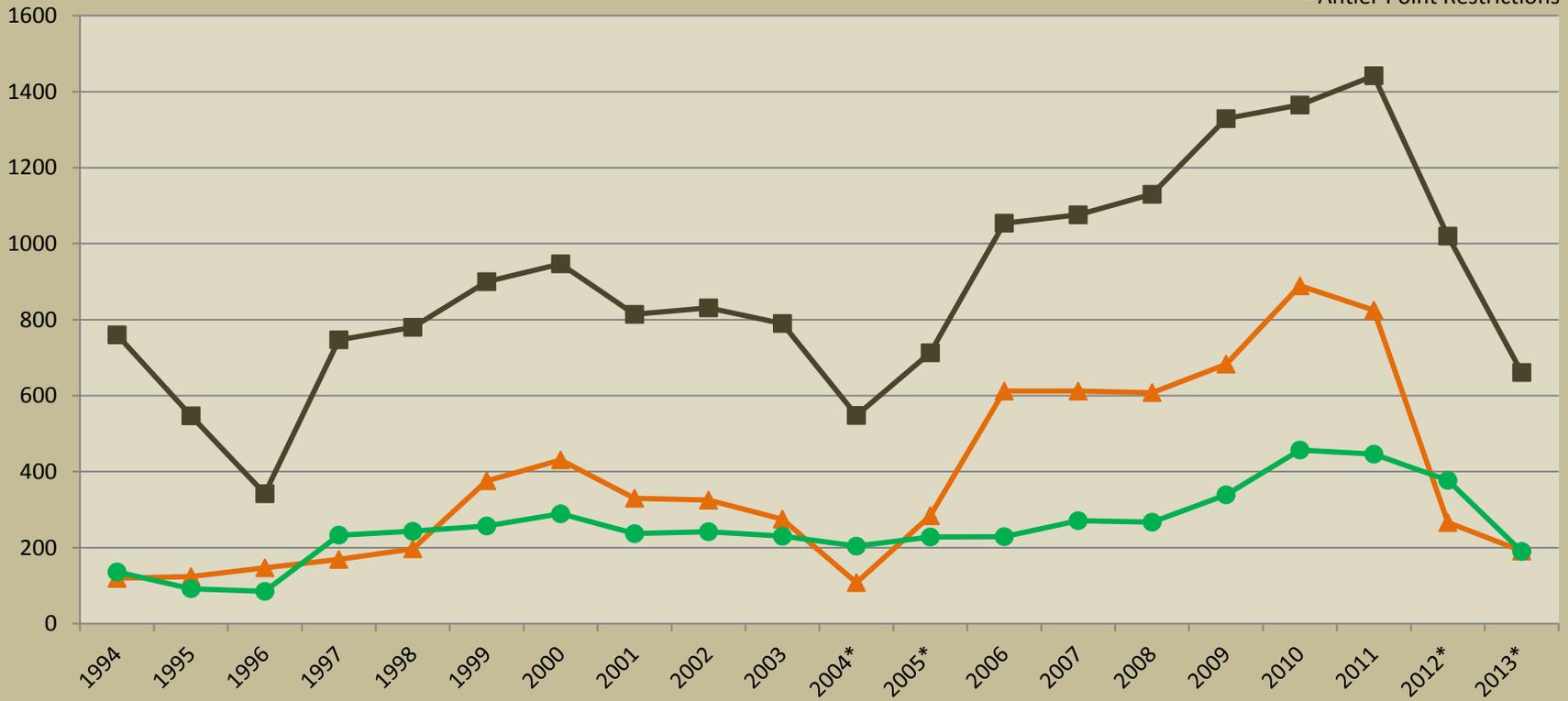


Sweetwater Mule Deer

Sweetwater Mule Deer Hunter Numbers and Total Harvest

■ Total Hunters ▲ Total Harvest ● NonResident Hunters

* = Antler Point Restrictions



Mule Deer Declines are not a NEW Issue or Unique to Wyoming

MULE DEER DECLINE IN THE WEST
A SYMPOSIUM



APRIL 1976

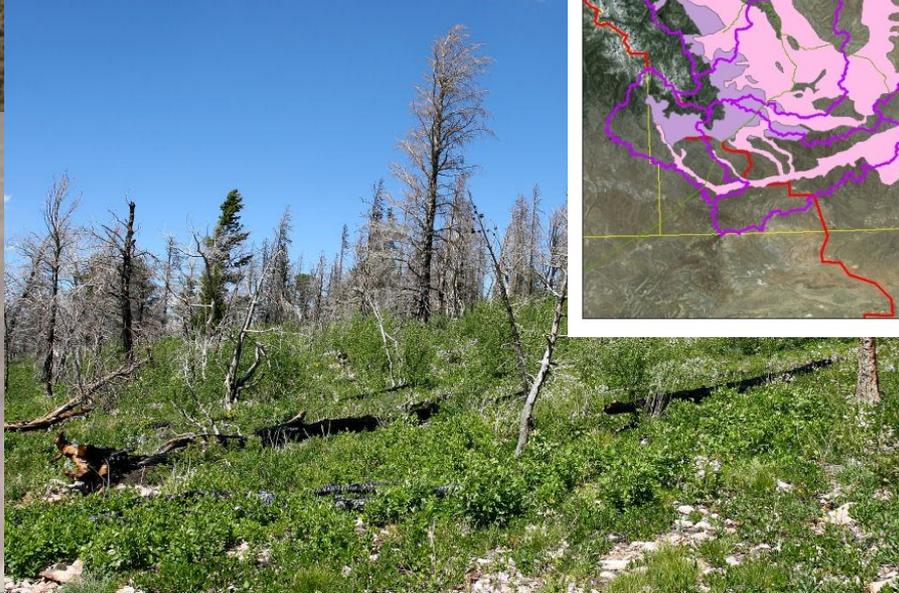
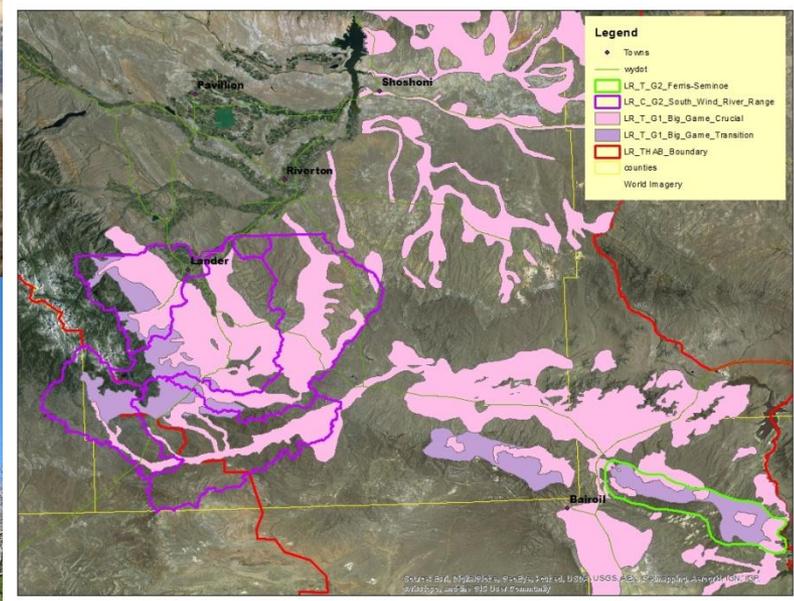
utah state university
college of natural resources
utah agricultural experiment station
logan, utah 84322

- Habitat degradation
 - Mineral Development
 - Roads
 - Subdivisions
 - Fences and other barriers impacting movement of free ranging wildlife
 - Shrub Condition
 - Nutrition
- Climate/Weather
- Predation
- Competition from other Animals
- Disease

Habitat Quality

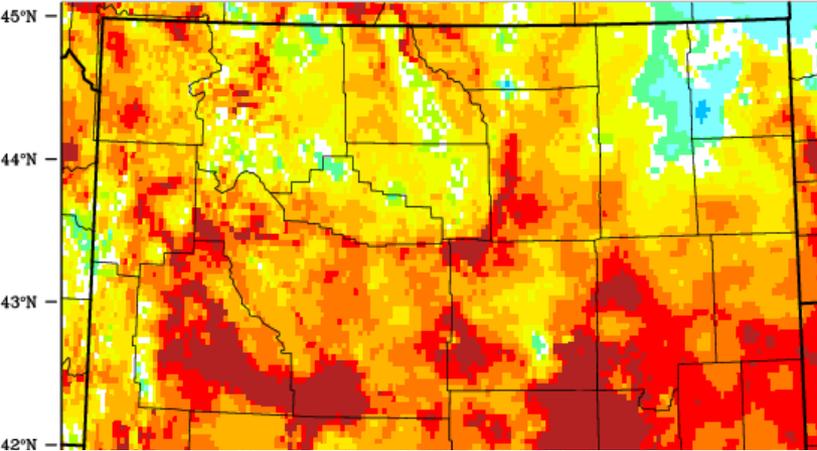


Habitat Improvement Projects

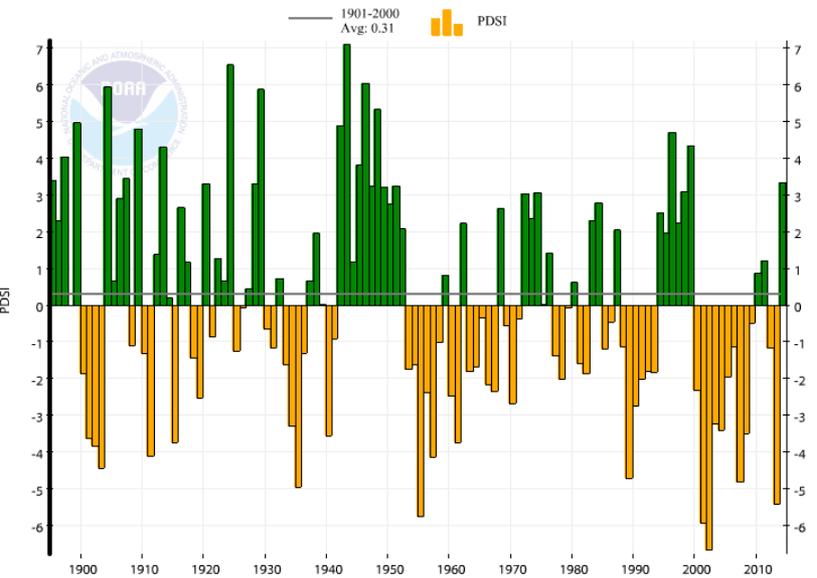


Habitat Quality Impacted by Weather (Drought)

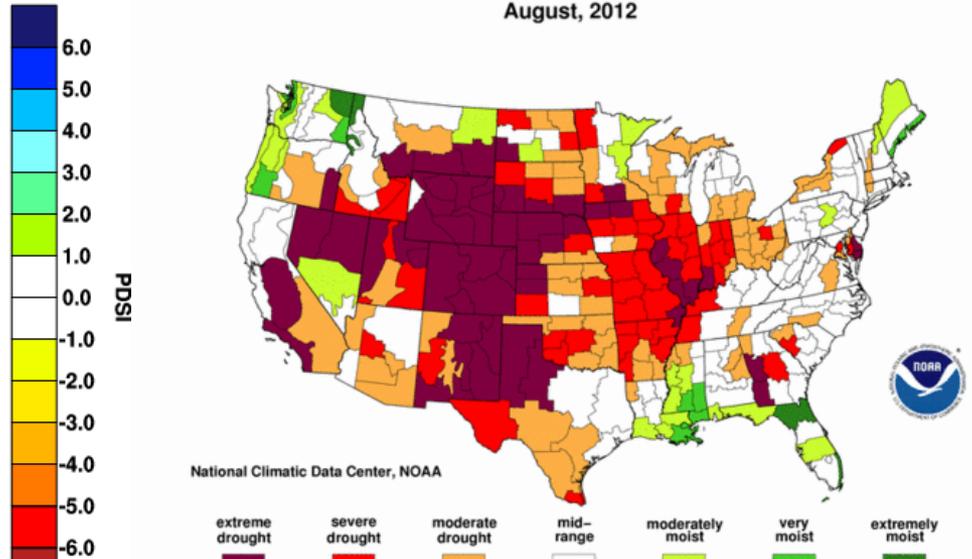
Wyoming - PDSI
June 2013



Wyoming, Climate Division 9, PDSI, March

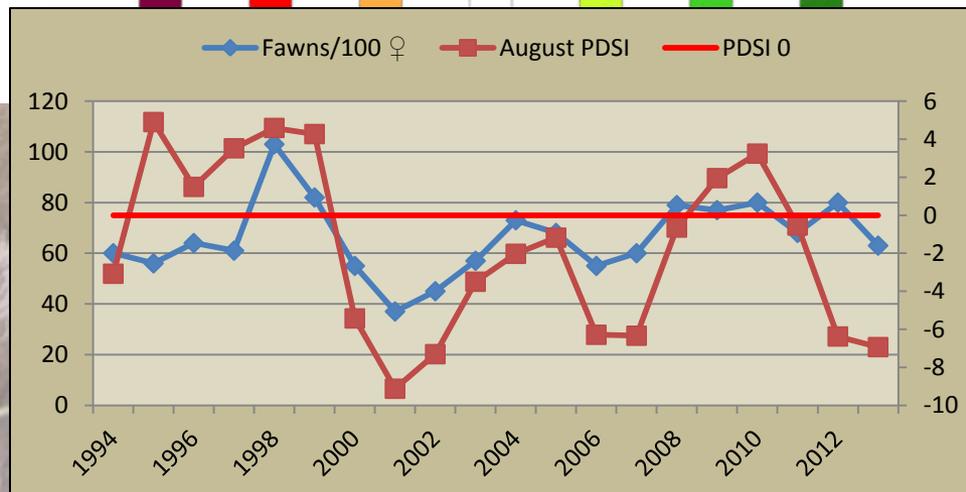


Palmer Drought Severity Index
August, 2012



National Climatic Data Center, NOAA

extreme drought severe drought moderate drought mid-range moderately moist very moist extremely moist



Habitat Quality – Most Important in Transition (Migration) Periods and Winter



Habitat Degradation

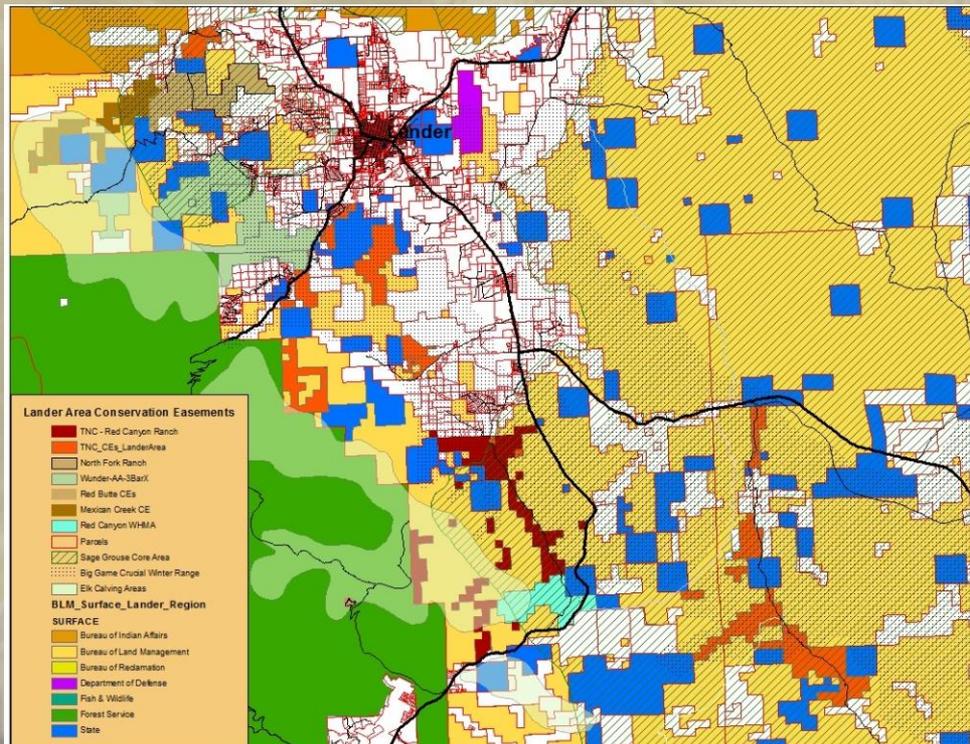
Rural Development

Conifer Encroachment in Aspen



Conservation Easements

- Since 1980, over 33,000 acres of private lands have been protected (Conservation Easements, WGFC Lands, TNC Lands) along with BLM, State Lands, and National Forest preserving open space, wildlife habitat, and agricultural uses.



Predators

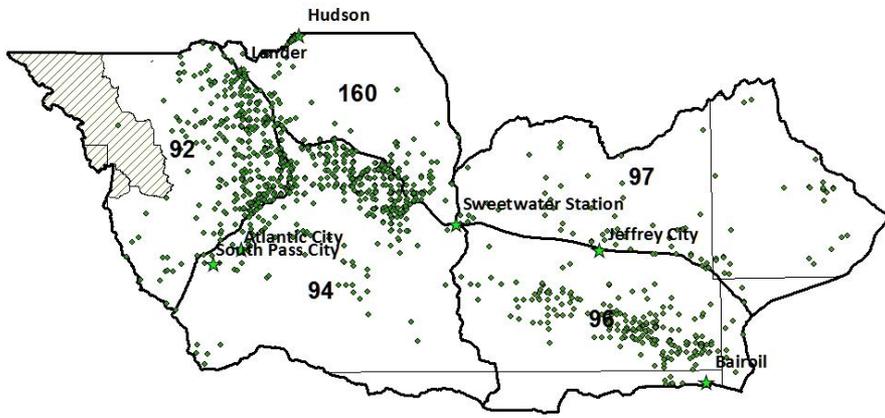


© Stan Harter

Diseases, Parasites

EHD (Epizootic Hemorrhagic Disease)

CWD Samples since 2000 (all negative)



Competition from other Animals





HUNTING



HAZARDS



POACHING

10/14/2013

Expectations?

