

A scenic view of a river flowing through a forested area. The river is filled with large, smooth, light-colored rocks, creating a series of rapids and small cascades. The water is dark and turbulent. The banks are lined with dense green vegetation, including tall evergreen trees and shrubs. In the background, more trees and a glimpse of a mountain range are visible under a cloudy sky.

# Western Region Fisheries – Status Update

Travis Hawks  
Nevada Department of Wildlife



# Truckee River



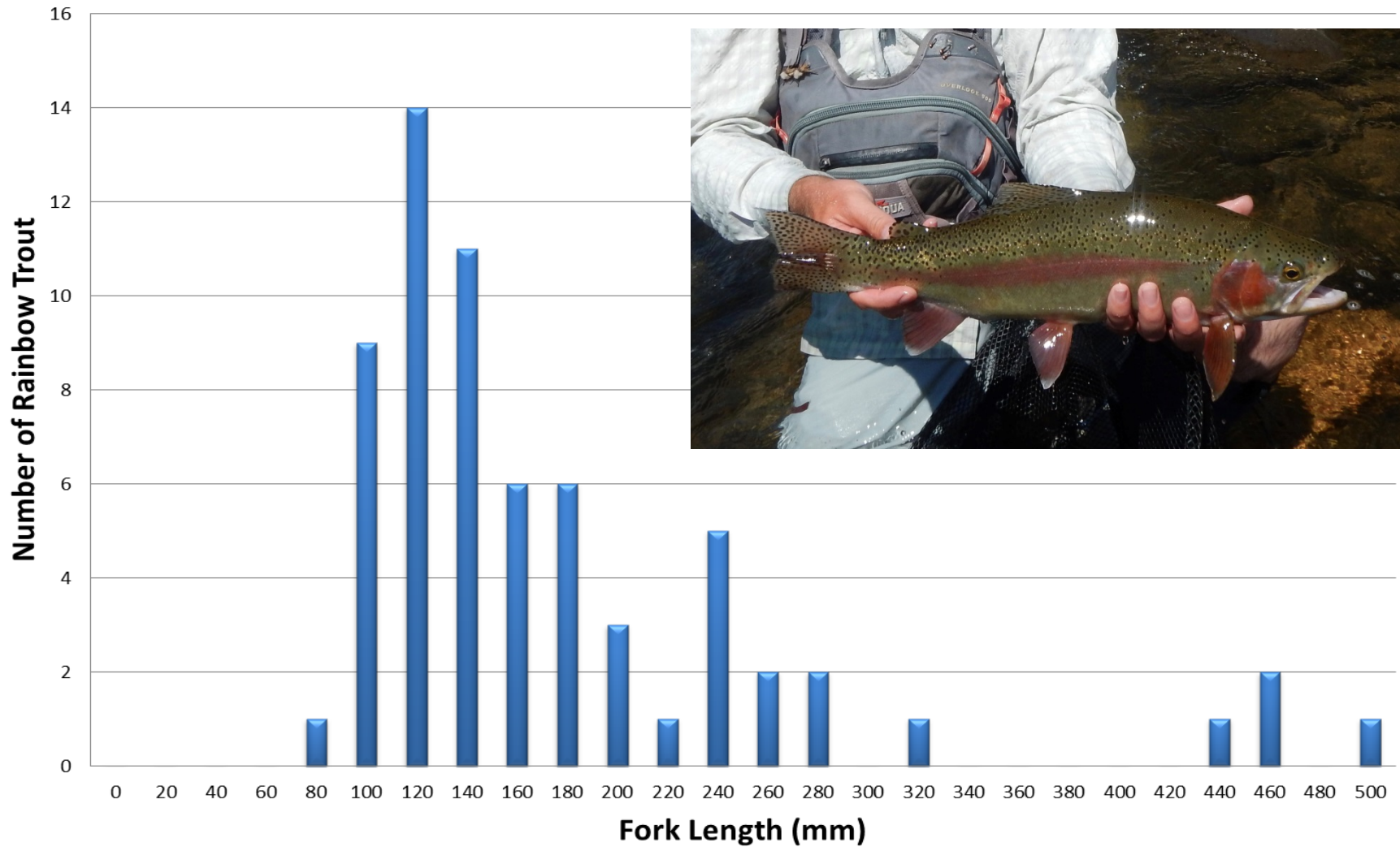
# Truckee River

- 2013 Population survey results
  - 614.8 fish/mile from Verdi Power Dam to Derby Dam (salmonid)
  - Salmonid Composition
    - 27% Brown trout
    - 64% Rainbow trout (70% wild)
    - 9% Whitefish

- 2016 Population survey results
  - 97.6 fish/mile from Verdi Power Dam to Derby Dam (salmonid)
  - Salmonid Composition
    - 36% Brown trout
    - 61% Wild Rainbow trout
    - 3% Whitefish

# Truckee River

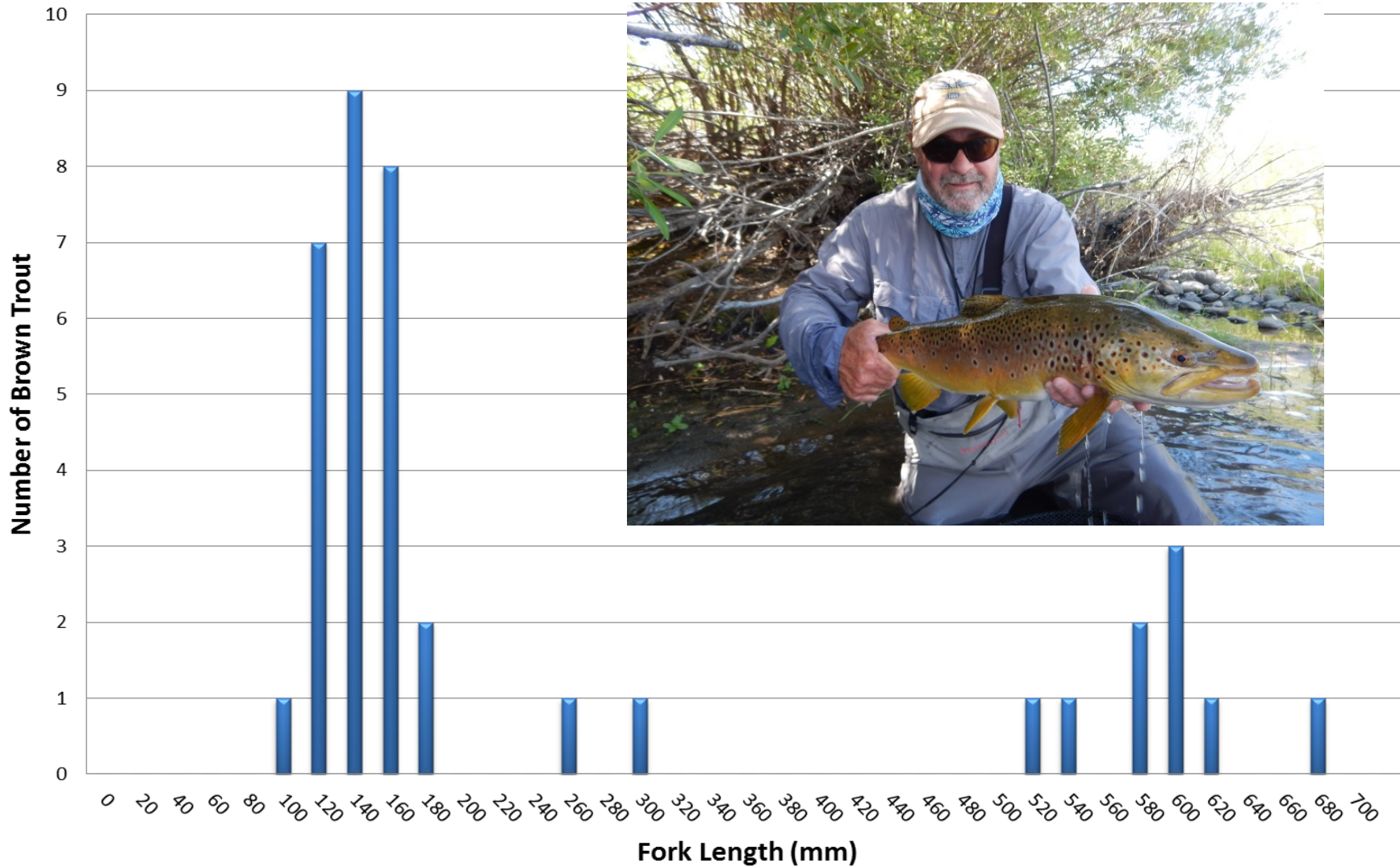
## 2016 Truckee River Electroshocking Survey Length Frequency of Wild Rainbow Trout





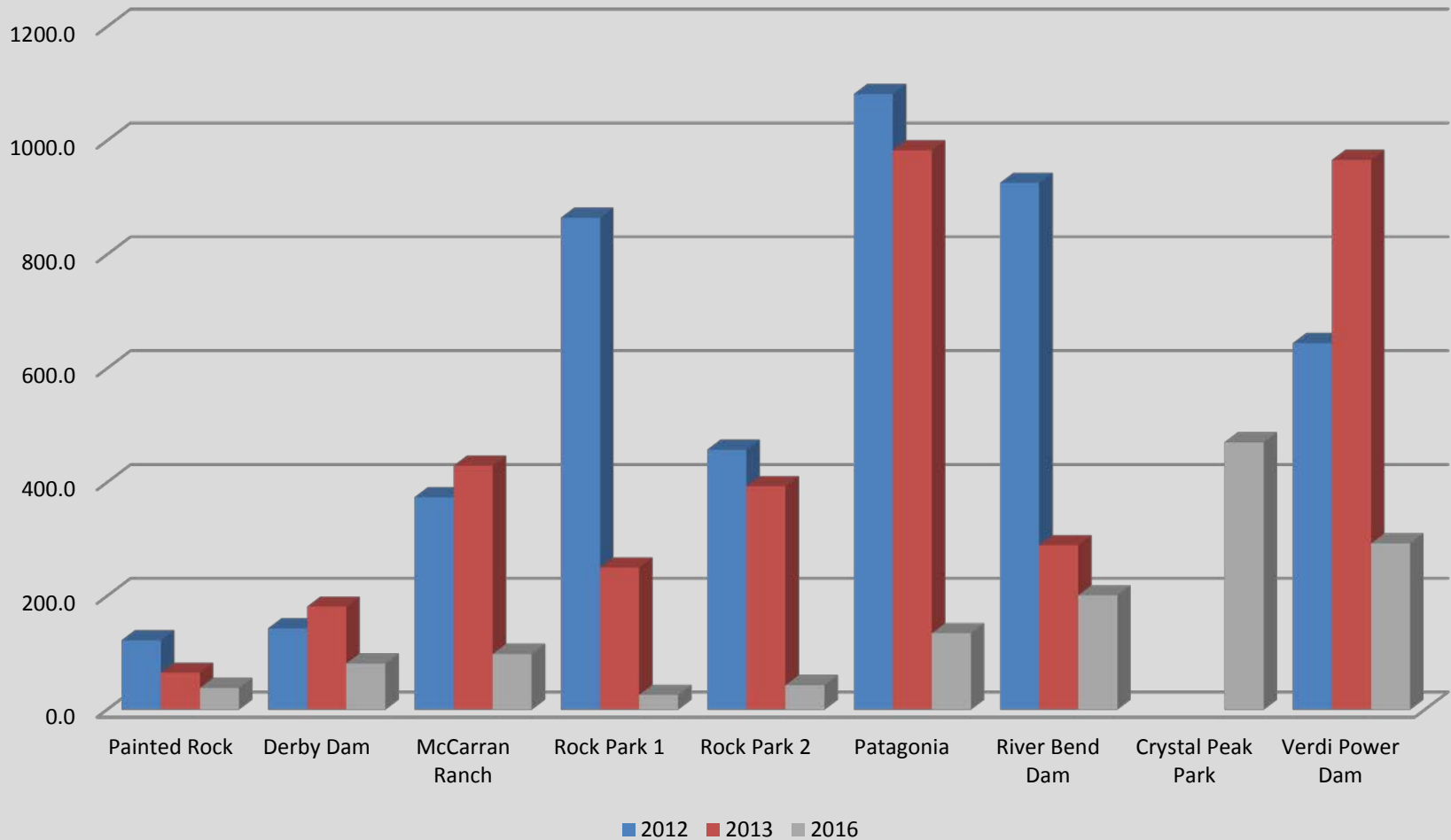
# Truckee River

## 2016 Truckee River Electroshocking Survey Length Frequency of Brown Trout



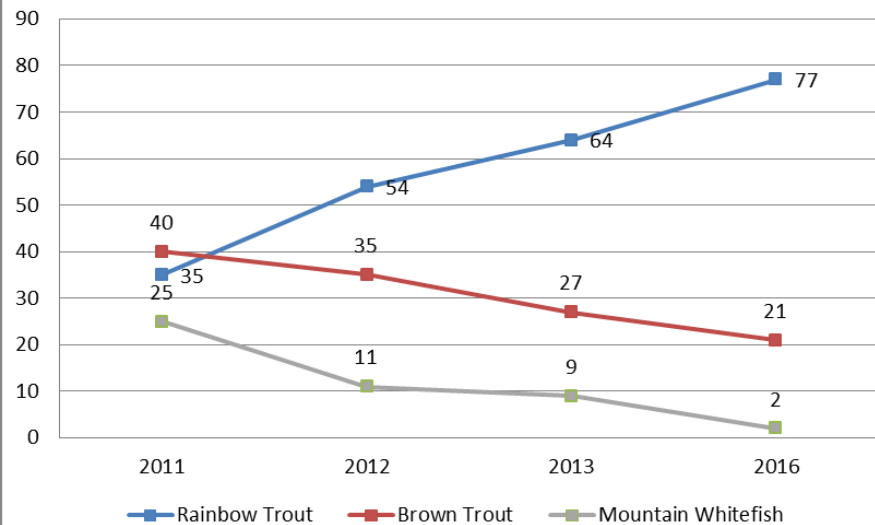
# Truckee River

## Truckee River Salmonid (Fish Per Mile) Density Comparison

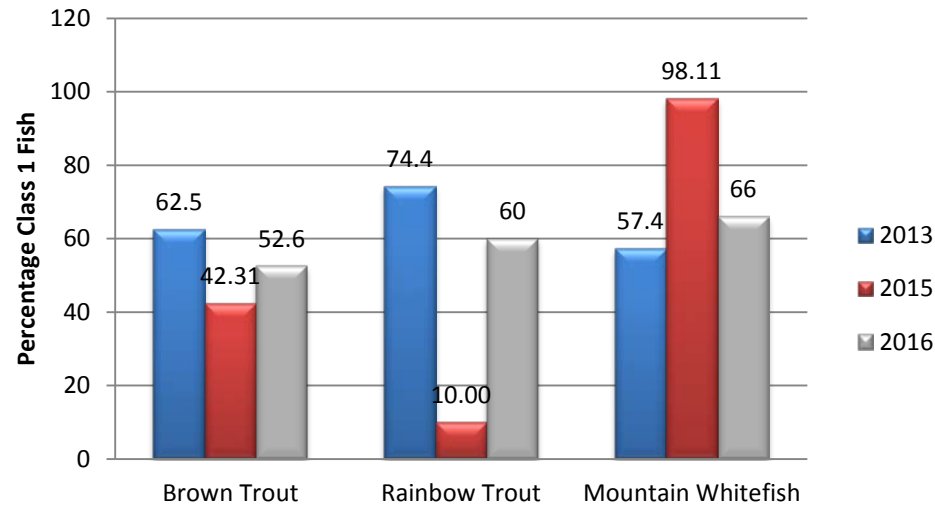


# Truckee River

## Truckee River Species Composition 2011-2016



## Truckee River Class 1 Fish



- Decline in percentage of fall spawning species
- Compensatory response observed in browns and rainbows
- >50% Class 1 fish is ideal

# Truckee River

## TRUCKEE RIVER POPULATION SAMPLING

### Salmonid Body Conditions Factors

2016

	Avg. Length		Range		Avg. K-Factor	Range
	mm	inches	mm	inches		
Brown Trout (10)	552	21.7	289 - 670	11.4 - 26.4	1.28	1.0 - 1.7
Rainbow Trout (7)	403	15.9	310 - 490	12.2 - 19.3	1.25	0.9 - 1.8

\* ( ) indicates the number of fish measured

- K-Factor is a measure of salmonids condition





# ALL ANGLERS

## \*\*\*Special Regulation Section\*\*\*

Season is open year around, any hour of the day or night, except in that portion which is 1,000 feet downstream of Derby Dam, which is closed to fishing. **Limit is 3 game fish of which zero (0) may be trout (catch and release only) using only artificial lures with single barbless hooks from February 1st through May 31st** from 1,000 feet downstream of Derby Dam to the Pyramid Lake Reservation boundary.

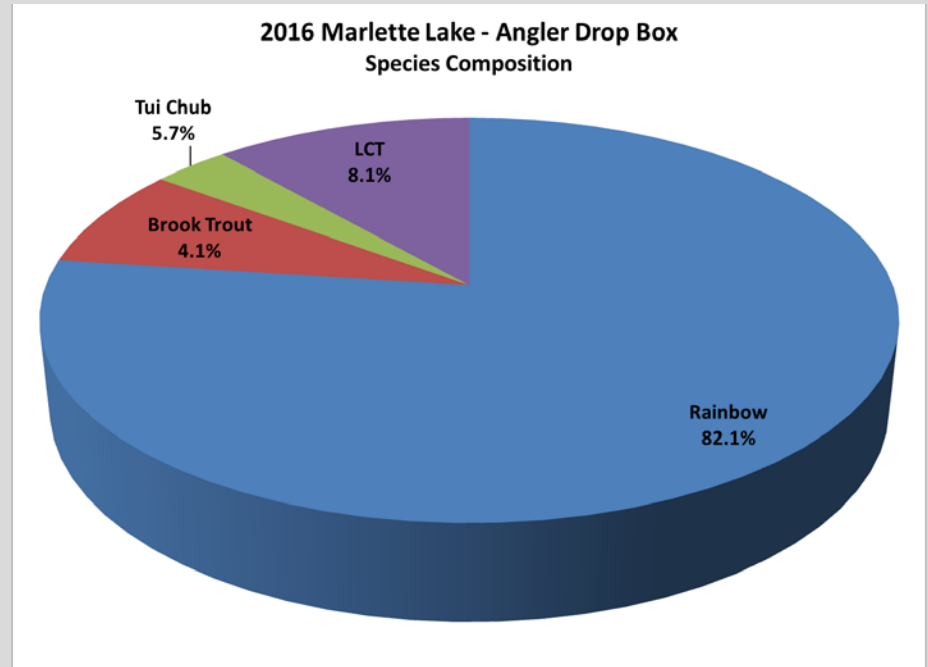


Please respect all regulations.  
Thank you!

# Marlette Lake

## Drop Box Data (2016)

- 46 total drop-box surveys
  - 323 fish caught
  - 8.1 fish/angler

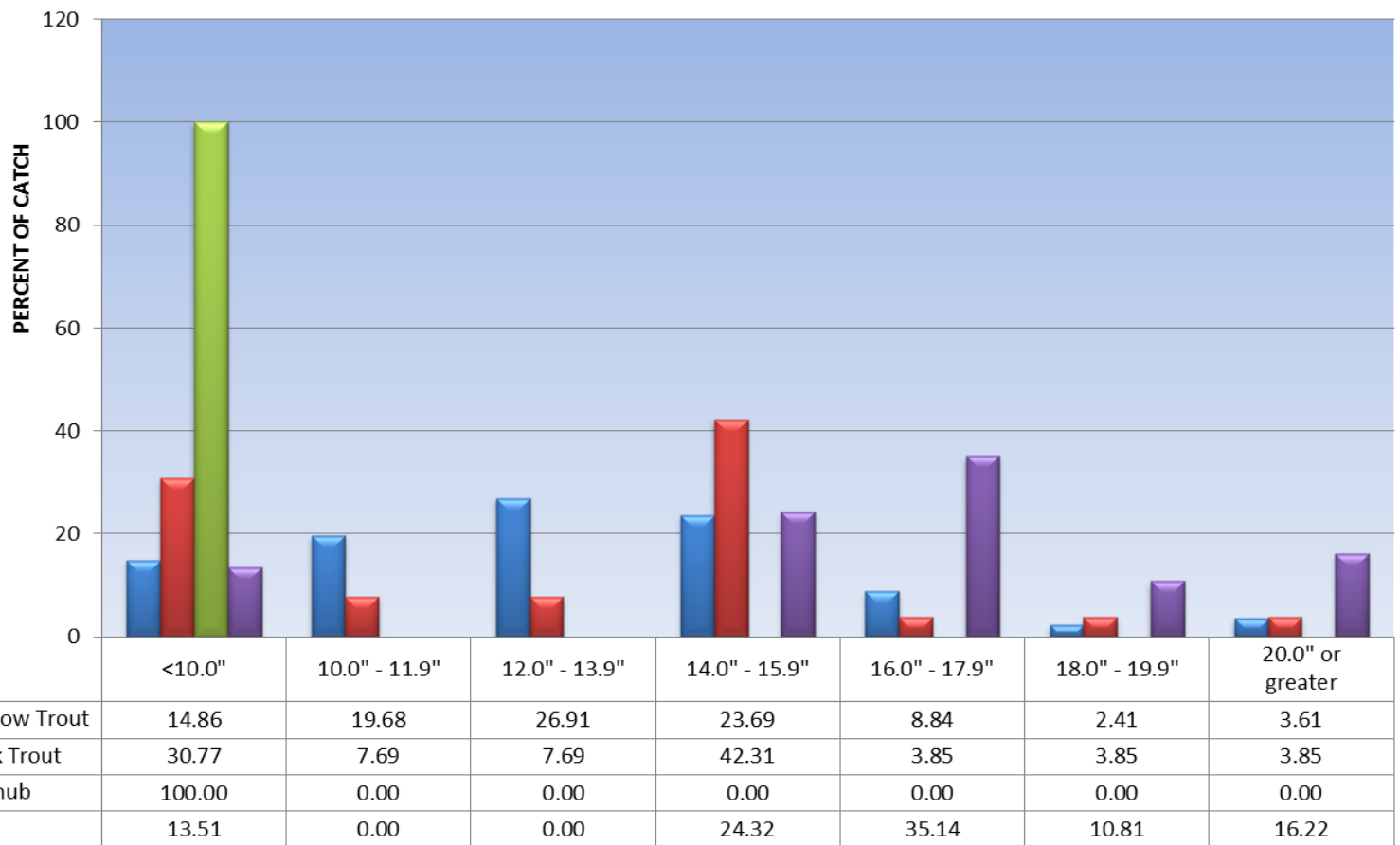


## Mail In Questionnaire data (2015)

- 131 angler days
- 6.3 fish per day (9 year average is 7.8)

# Marlette Lake

**2016 MARLETTE LAKE ANGLER DROP BOX SURVEY  
FISH LENGTH FREQUENCY**





# Marlette Lake

## 2016 Spawn Data

- 2,370 Fish Spawned
- 939,049 Eggs harvested for the statewide stocking program

Species	Sex	Average Fork Length (mm)	# Spawned
Rainbow	M	301.2	924
Rainbow	F	319.2	1047
		<b>310.2</b>	<b>1971</b>
LCT (Pyramid)	M	345.6	205
LCT (Pyramid)	F	385.3	135
		<b>365.1</b>	<b>340</b>
LCT (Pilot)	M	306.5	30
LCT (Pilot)	F	299.8	29
		<b>303.2</b>	<b>59</b>



Species	Egg Totals
Rainbow	630,689
Bowcutt	149,749
Cuttbow	111,902
LCT (Pyramid)	30,327
LCT (Pilot)	16,382
<b>Total</b>	<b>939,049</b>







# Marlette Lake 2017





# Other Regional Waters

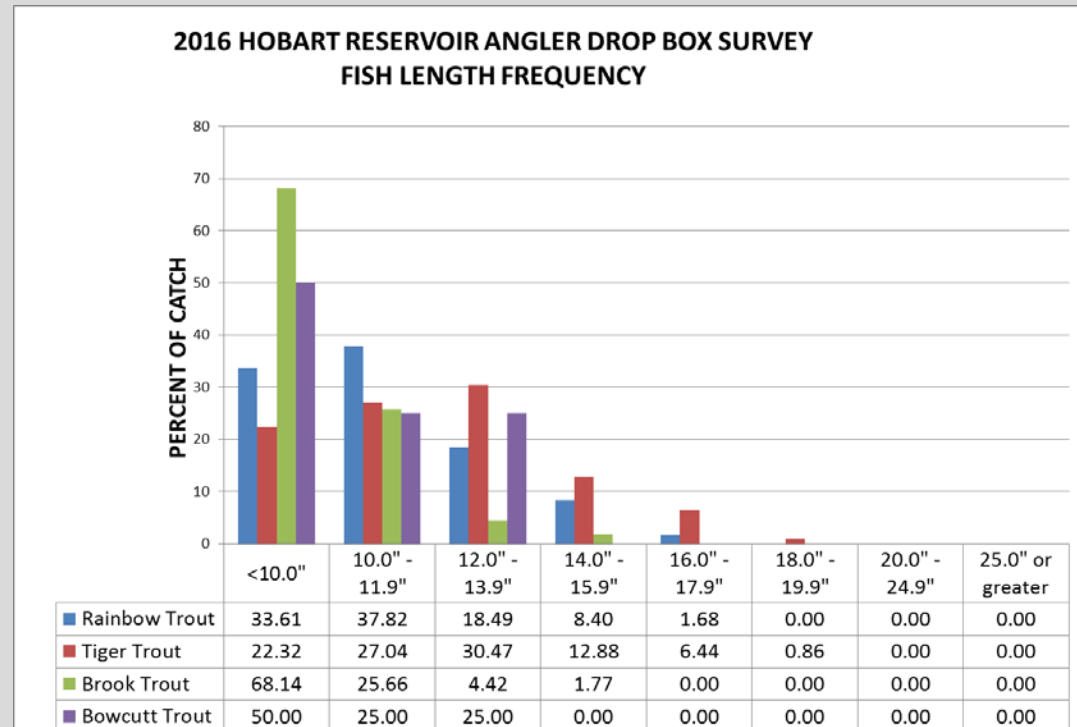
## Hobart Reservoir

- Drop Box Data (2016)
  - 67 total drop-box surveys
  - 469 fish caught
- Still Frozen and under 5+ feet of snow



## Spooner Lake

- Drop Box Data (2016)
  - 52 total drop-box surveys
  - 199 fish caught
  - 4.6 fish per angler
- Winter Die Off



# Other Regional Waters

## Boulder Reservoir

- Constructed in 1950 for stock water and irrigation purposes
- Verbal agreements between NDOW and landowners allowed for public access and the maintenance of a fishery.
- BLM acquired in 2009 through SNPLMA funding.
- Recreation enhancement project completed in 2014 with BLM recreation enhancement and NDOW habitat conservation fee funds.
- Drop Box Data (2016)
  - 24 total drop-box surveys
  - 546 fish caught
  - 27.3 fish per angler



# Squaw Creek Reservoir

## Mail In Data (2015)

- 513 anglers
  - 3,423 fish caught
  - 2.7 fish per day
- 8,007 rb, bn, and cb stocked in 2015
- 7,669 cc stocked between 2016 and 2017.
- Altered the stocking regime to account for late summer die off

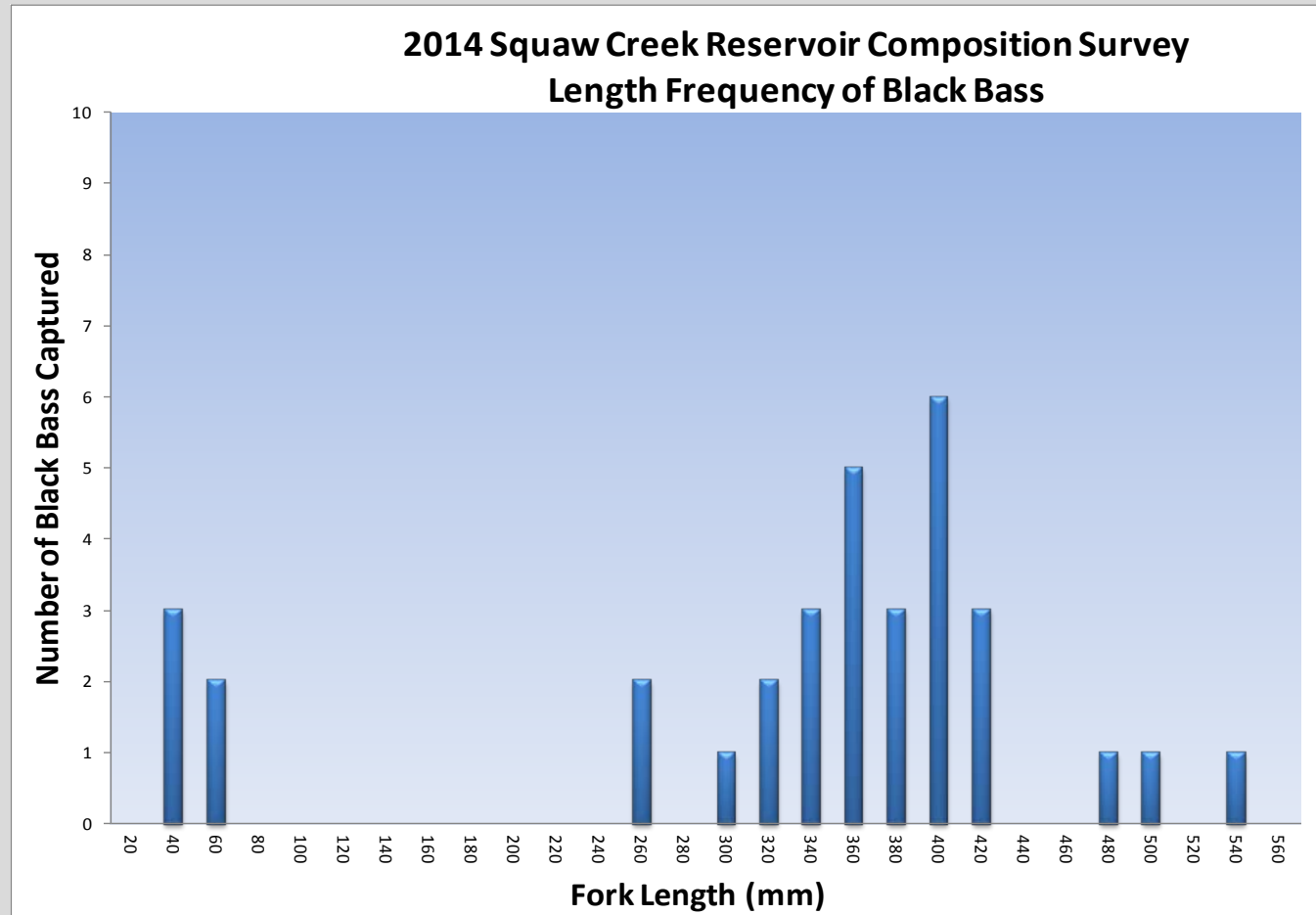




# Squaw Creek Reservoir

## Electrofishing Survey 2014

- Brown Trout, Rainbow Trout, Bullhead Catfish, Channel Catfish, Black Bass all sampled.
- Black Bass population is thriving, trophy size fish are common.



# Squaw Creek Reservoir





# Washoe/Little Washoe Lake

## Sampling

- 2015 gillnet surveys showed persisting population of white bass in Little Washoe Lake
- 2017 beach seine survey revealed large numbers of Sacramento perch and bullhead catfish in Little Washoe

## 2017

- Stocked just under 1,000 white crappie captured in Willow Creek Reservoir
- Stocked 2,500 channel catfish
- Searching for source of white bass





# Nevada Trout Stamp Program

The Nevada Trout Stamp is required for any license holder who takes or possesses trout. “Take” means to catch, capture, net or kill.

- \$10.00, not required on short-term permits or 1 day group permits.

**Trout stamp funds go into an account managed by the department and are used for two purposes:**

- 1) Pay off bonds issued in 2004 for the renovation of Lake Mead and Gallagher Hatcheries (initially developed for construction of Mason Valley Hatchery)
- 2) Costs associated with ongoing infrastructure repairs and improvements at various fish hatchery facilities

Statute (NRS 502.3264): trout stamp revenue “must be used for the protection, propagation and management of trout in this state and for the payment of any bonded indebtedness incurred therefor.”



- Averages around \$400,000 per year
- \$260,000 per year is used for bond payments (matched 75/25 for a \$1.05M payment until 2029)
- FY17 \$127,000 was spent on electrical repairs at Gallagher and engineering for a new well at Mason Valley
- Close to a million trout stocked annually to provide recreational angling for the state of Nevada

# Questions

