



Small, Serene, Simply Garnett.

City Clerk's Office Report

February 13, 2018

Dear Commissioner's Gwin, Cole, and Brecheisen-Huss,

Sale of pet licenses began January 2nd and license sales continue at a slightly slower pace than in January.

The job opening advertisement has been published for the open Account Clerk position. I have combined Account Clerk job descriptions into one job description to meet the goal of all staff being cross trained to handle all duties of the department.

The 1099s were completed and mailed for vendors and nonemployee compensation in 2017. I have submitted all the Kansas Department of Transportation (KDOT) reimbursement requests for the US-59 and Home Run Drive southbound turn lane construction costs. KDOT will reimburse us 100% of our costs up to the maximum contract amount. All costs fell below the maximum contract amounts for each category of preplanning engineering, construction engineering and construction. The outstanding reimbursement remaining from KDOT is \$383,788.91.

Phone and internet changes have been completed at city hall, town hall center, street department, police department, fire department, recreation center, park department, swimming pool and airport. There have been some network issues that we have been working through. We have experienced a couple of Vyve outages since the change was made which resulted in our phone lines and internet connection being down. We have kept a backup phone line with Centurylink at city hall. If we have an extended outage, Vyve can switch our incoming calls to the backup line. There will still be a period of the phones being down as this switch is made. The fire department moved their emergency call paging system to the Enhanced 911 (E911) signal cell tower, which provides a stable service of paging our firemen since the previous system depended upon the internet service functioning.

The 2018 budget build into the software is still in process.

Sincerely,

Kristina Kinney
City Clerk/Finance Director

Airport Report
Garnett Industrial Airport
January – 2018
Gary Ecclefield – Manager

1. Completed January Report.
2. Fuel Transactions and Invoices.
3. Sent Weather Data to the National Weather Service in Topeka.
4. Meeting with Susan Wettstein and City Manager, Chris Weiner concerning Airport land use/farming agreement.
5. Two inquiries for hangar space.
6. City crews cleared snow from runway, taxiway and part of ramp area as needed.
7. Vyve wired terminal building for phone and Internet service.
8. Bulb replaced in rotating beacon.
9. Vyve made final transition from analog to digital phone and Internet service.
10. Charged batteries on Courtesy car and Airport tractor.

Flight activity

1. Flight training.
2. Currency flights.
3. Several cross country flights by local pilots.
4. Flight in for banking at local bank.

Projects

1. Restroom flooring.
2. City Hangar and Airport Shop roofs.
3. Pave fueling ramp.
4. Heights and Hazards regulations. (trees in the approach to runway 19)
5. Pursue masterplan.

Building & Zoning Department

2/5/2018

RE: Activity Report

- Plan review for roof mounted solar panel system
- Review City Ordinances and Building Codes for updating
- Research ways to improve public awareness of City codes and ordinances
- Continue inspections as required for contractors and home owners
- Evaluate properties for code violations
- Research continuing education opportunities relevant to the department

Gary Giczewski

Parks/Recreation/Cemetery

Monthly Report

February 1, 2018

All the benches at the pool have been fixed and replaced and are looking very good. There is still a lot of work that needs to be done before the pool opens, but that will have to wait until the weather warms up a bit. Also on a pool note I will be going to the school this month to speak with students that are interested in working at the pool this summer. This is a very valuable meeting as many of the kids have no idea about what it takes to work at the pool and we get most of our staff from this meeting.

Work on the slope at the South Lake has been completed. The guys did a great job clearing the hill side to better view the welcome to Garnett sign as you enter town. They have also gone through many of the parks and trimmed up trees and removed those that are a safety hazard. This is a never ending process and one we do regularly.

We are in the final month of the basketball season and are getting close to the yearend tournaments. This year the 5th and 6th grade teams will play in two different tournaments. One will be an invitational tournament in Burlington and the other is the league tournament in Pleasanton. These are both good opportunities to get a few more games for our teams as there are limited games during the season. It also helps to improve the talent and experience of our players that will help them out in the long run and further strengthen our programs. The 3rd and 4th grade teams will also play each other in a season end tournament as well. With the end of one sport means the start of another. We will start registrations for soccer this month and will start the season in March.

With spring fast approaching so is ball season. We are setting up a meeting with the school to discuss the upcoming season. We have a great working relationship currently with the school and we hope that this only grows stronger. In this meeting we hope to discuss ways that we can work together and improve both the way we do things and the facilities we use as well.

The Recreation Center is still very busy with those people sticking to their resolutions which is both good for us and them. We also received the recumbent elliptical and it is very popular with our patrons. In addition to the recumbent elliptical we have also added a treadmill to replace one that we took out of service because it was not working. We are always trying to upgrade our equipment and add new things to let our users know that we are working for them.

The fitness classes are going very well also. We have had great attendance in all the classes and I am very pleased with the way that they are going. The new low impact cardio class seems to be very popular as well, I am hopeful that it will continue to be and this will be a program that becomes one we offer on a regular basis.

We are making great progress in making the Recreation Center a 24 hour facility. The cameras are being installed and I have set up some meetings with software companies to find a way to streamline things at the Recreation Center. The goal of this software is to help with the management of memberships and also help with registration of all of our programs. I hope to find one that we will also be able to take payments online to ease the burden of our office staff and hopefully eliminate any registration being lost or misplaced. This is a big step for the Recreation Center and the recreation department as well. This is a great direction that we are headed and I hope to continue the trend to update our facility and have it become more user friendly.

Work on the lakes continue as well. We removed one of the floating docks that had broken loose and floated across the lake. This dock was the one that we used to raise the fish before we released them into the lake. Since we have not raised fish in a number of years we are going to remodel the dock to make it accessible to fisherman and return it to the lake. We are also looking at doing some other things for the fisherman as well. We have talked about inclosing one of the docks for year round fishing. The details on this are still being worked out so it is not something that you will likely see soon. We are still expecting to get one more delivery of trout. I have heard a few of the fisherman are very pleased this year with the size of the trout and that is always good to hear.

If you have any questions about the parks or the things that we are doing do not hesitate to ask.

Thanks

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Kansas Department of Wildlife, Parks and Tourism
Fisheries Division
2017 Progress and Management Report
Garnett-Cedar Creek Lake
Prepared by Morrison

History: No major changes occurred in 2017.

Limnological Parameters

Parameter	Value
Size Multipurpose pool (acres)	350.0
Max. Depth (ft)	.
Mean Depth (ft)	17.0
Mean Annual Precip. (in)	.
Mean Annual Runoff (in)	10.6
Area Watershed Drainage (square mi)	65.0
Hydrologic Residence Time (days)	91.0
Chlorophyll a (ppb)	98.1
Dsf	.
Secchi (cm)	88.0
Shoreline Development Index	4.1
% Ag	26.2
% Forest	4.2
% Grass	63.2
% Urban	4.5
Trophic State Index	75.6

Community Fisheries Assistance Program (CFAP) Grants

Project Name	Fiscal Year	KDWP Share	Cooperator Share	Total Project Cost
Boat ramp	1992	.	.	.
		\$0.00	\$0.00	\$0.00

Management Objectives:

1. Produce a largemouth bass population with a stock CPUE of at least 75 fish/hr. with a PSD P-M 30 or greater and Wr values over 90.
2. Produce a channel catfish population with a stock CPUE of at least 5 fish/nn and Wr values >90.
3. Produce a saugeye population with a stock CPUE of 3 fish/nn and Wr values >85.
4. Produce a wiper population with a stock CPUE of 3 fish/nn and Wr values >85.
5. Produce a crappie population with a stock CPUE of 20 fish/nn and PSD P-M of 20 and Wr values over 90.

Fish Sampling Summary

Gear	Date Sampled	# of Samples	Units of Effort
Electro-Smith Root,dc	05/18/2017	12	1.86
Frame Net 1/2 Mesh	09/28/2017	4	82.75
Frame Net 1/2 Mesh	09/29/2017	4	83.25
Gill Net-Core Panel	09/28/2017	4	83.25
Gill Net-Core Panel	09/29/2017	4	80.50

Stocking Records and Requests from 2012 to 2018

Year Species	Size	No.Requested	No.Stocked	Total Lbs
2018 SAUGEYE	FING 01/01/1970	8,750	.	.
	Total	8,750	.	.
2017 PALMETTO BASS (Wiper Orig)	INT 10/04/2017	3,500	2,049	402
	Total	3,500	2,049	402
SAUGEYE	FING 05/31/2017	8,750	7,364	14
	Total	8,750	7,364	14
2016 PALMETTO BASS (Wiper Orig)	INT 09/14/2016	3,500	3,503	361
	Total	3,500	3,503	361
SAUGEYE	FING 05/26/2016	8,750	10,013	16
	Total	8,750	10,013	16
2015 PALMETTO BASS (Wiper Orig)	INT 09/23/2015	3,500	3,594	444
	Total	3,500	3,594	444
2014 PALMETTO BASS (Wiper Orig)	INT 09/24/2014	3,500	3,502	.
	Total	3,500	3,502	.

Bluegill

Table 2. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Bluegill sampled during September, October and November by trapnets.

	2013	2014	2015	2016	2017
Total Catch	241	65	317	63	78
Stock Catch	236	65	310	48	76
Units of Effort	8	8	8	8	8
Sub-Stock CPUE (RSE)	0.6 (100)	0.0 (.)	0.9 (50)	1.9 (56)	0.3 (65)
Stock CPUE (RSE)	29.5 (34)	8.1 (24)	38.8 (70)	6.0 (53)	9.5 (48)
Quality/Density CPUE (RSE)	8.4 (37)	3.6 (39)	21.9 (86)	4.4 (71)	3.5 (39)
Preferred CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)
Memorable/Lunker CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)
Total CPUE (RSE)	30.1 (34)	8.1 (24)	39.6 (69)	7.9 (39)	9.8 (47)
PSD S-Q (3-6")	71.61	55.38	43.55	27.08	63.16
PSD Q-P (6-8")	28.39	44.62	56.45	72.92	36.84
PSD P-M (8-10")	.	.	.	.	.
PSD M-T (10-12")	.	.	.	.	.
PSD	28.39	44.62	56.45	72.92	36.84
Mean WR S-Q (RSE)	110 (3)	95 (2)	93 (2)	114 (5)	102 (2)
Mean WR Q-P (RSE)	101 (3)	89 (2)	92 (2)	100 (2)	95 (2)
Mean WR P-M (RSE)	.(.)	.(.)	.(.)	.(.)	.(.)
Mean WR M-T (RSE)	.(.)	.(.)	.(.)	.(.)	.(.)
Mean WR T+ (RSE)	.(.)	.(.)	.(.)	.(.)	.(.)

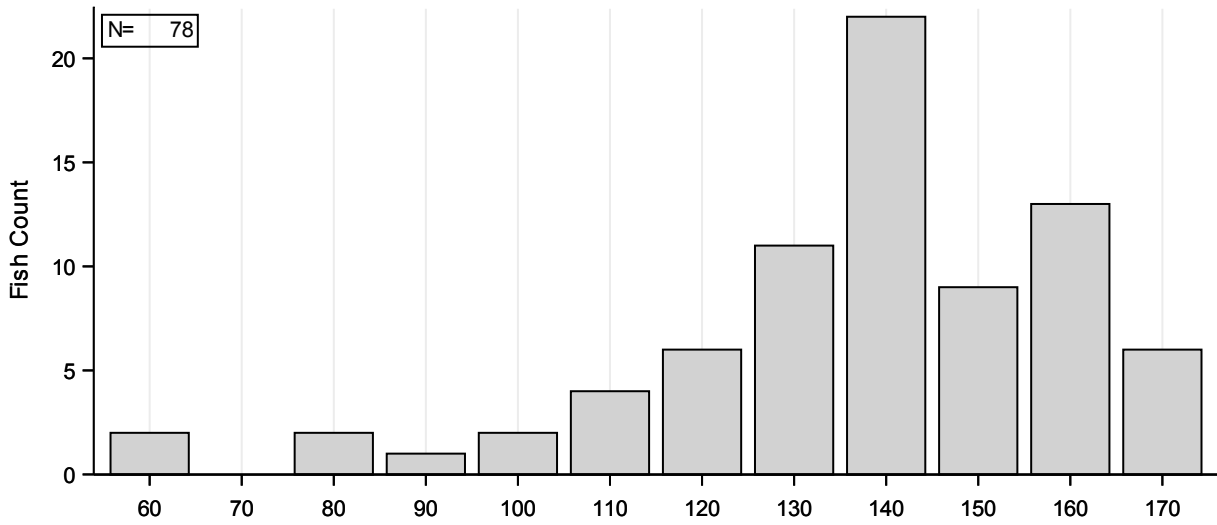


Figure 3. Length-frequency of Bluegill at Garnett-Cedar Creek Lake collected using trapnets on 09/28/2017, 09/29/2017.

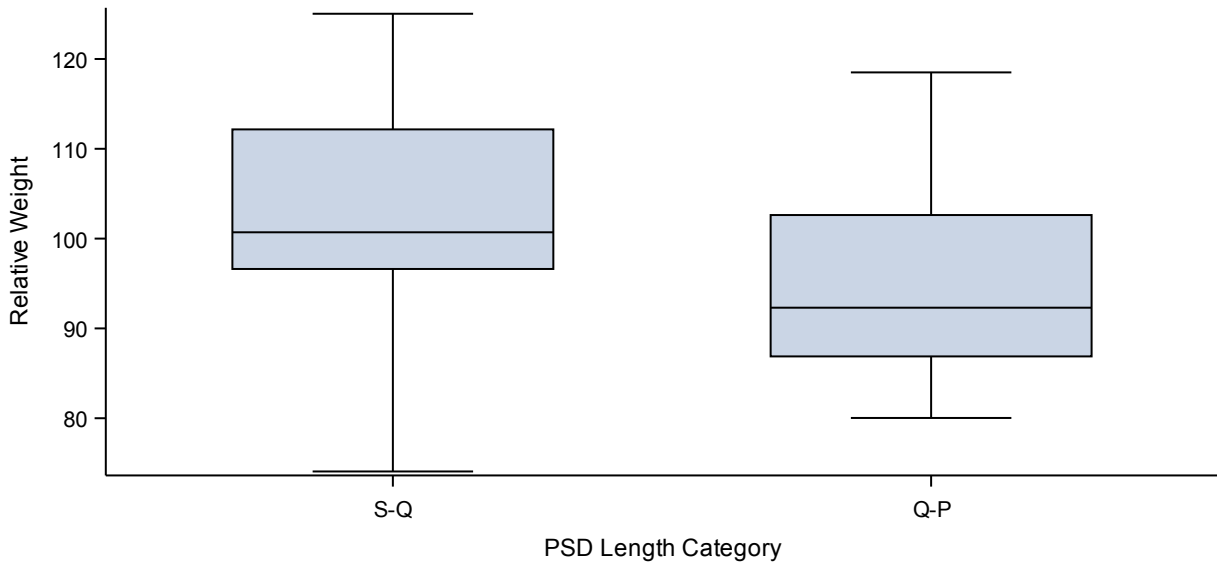


Figure 4. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Bluegill, by PSD length category, at Garnett-Cedar Creek Lake collected using trapnets on 09/28/2017, 09/29/2017.

Analysis: The total catch of bluegill increased by 15 fish/nn which resulted in an increase of the stock CPUE to 9.5 fish/nn. The majority of the sample was made up of stock length fish (3-6") with a PSD S-Q percentage of 63. The remaining 37% of the sample was made up of quality length fish (6-8"). Both length classes had good body condition values with indices over 95. Bluegill provide excellent forage for largemouth bass and other sportfish in the lake and currently the population seems to be in stable condition although I would like to see more fish show up in our samples.

Channel Catfish

Table 3. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Channel Catfish sampled during September, October and November by gillnets.

	2013	2014	2015	2016	2017
Total Catch	113	73	79	72	68
Stock Catch	109	73	77	71	67
Units of Effort	8	8	8	7	8
Sub-Stock CPUE (RSE)	0.5 (53)	0.0 (.)	0.3 (65)	0.1 (100)	0.1 (100)
Stock CPUE (RSE)	13.6 (16)	9.1 (25)	9.6 (25)	10.1 (19)	8.4 (15)
Quality/Density CPUE (RSE)	9.1 (18)	5.6 (29)	6.6 (30)	7.6 (18)	6.6 (16)
Preferred CPUE (RSE)	0.1 (100)	0.6 (52)	0.3 (65)	0.6 (52)	0.3 (65)
Memorable/Lunker CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)
Total CPUE (RSE)	14.1 (16)	9.1 (25)	9.9 (24)	10.3 (20)	8.5 (15)
PSD S-Q (11-16")	33.03	38.36	31.17	25.35	20.9
PSD Q-P (16-24")	66.06	54.79	66.23	69.01	76.12
PSD P-M (24-28")	0.92	6.85	2.6	5.63	2.99
PSD M-T (28-36")	.	.	.	.	.
PSD	66.97	61.64	68.83	74.65	79.1
Mean WR S-Q (RSE)	89 (2)	88 (1)	86 (2)	94 (2)	86 (2)
Mean WR Q-P (RSE)	94 (2)	92 (2)	90 (2)	95 (2)	86 (2)
Mean WR P-M (RSE)	103 (.)	98 (4)	92 (8)	101 (4)	90 (10)
Mean WR M-T (RSE)	.(.)	.(.)	.(.)	.(.)	.(.)
Mean WR T+ (RSE)	.(.)	.(.)	.(.)	.(.)	.(.)

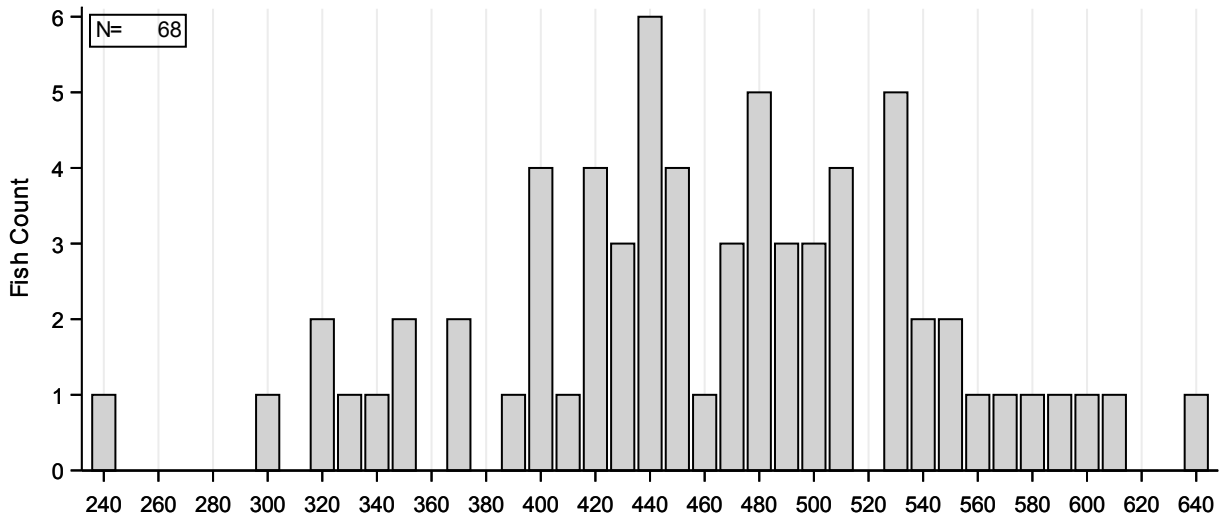


Figure 5. Length-frequency of Channel Catfish at Garnett-Cedar Creek Lake collected using gillnets on 09/28/2017, 09/29/2017.

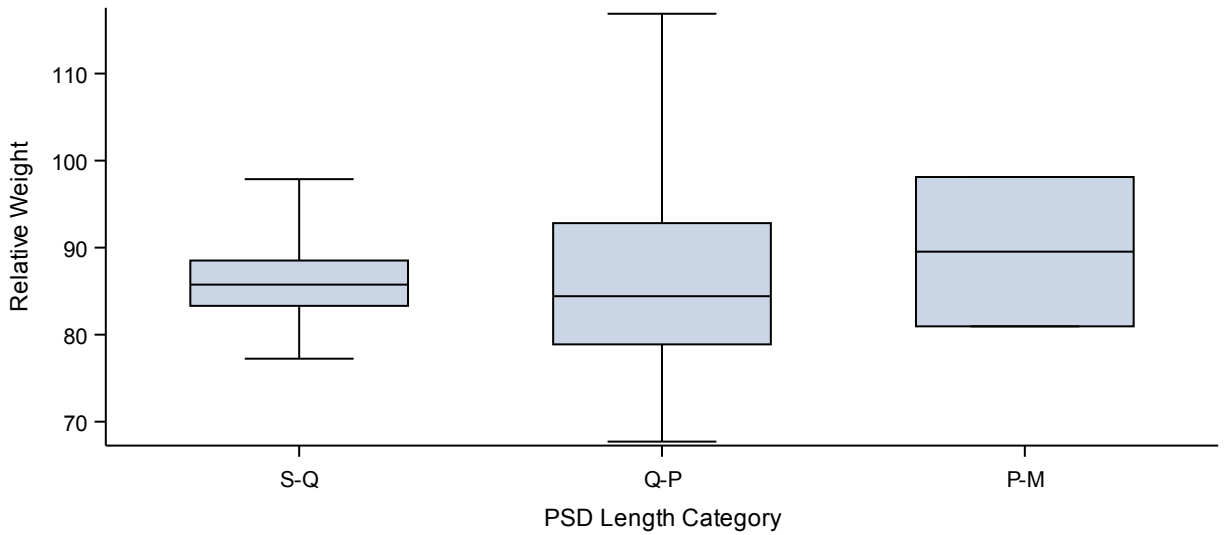


Figure 6. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Channel Catfish, by PSD length category, at Garnett-Cedar Creek Lake collected using gillnets on 09/28/2017, 09/29/2017.

Analysis: Fall sampling efforts yielded 68 channel catfish in 8 core panel gill nets for a stock CPUE of 8 fish/nn. This lake has consistently produced a good channel catfish population over the last five years. The majority of this sample consisted of quality length fish (16-24") at 76% indicating a good number of fish in the population are of harvestable length. The body condition indices for all length groups sampled decreased from the previous year but are still acceptable in the mid 80's. This is a self-sustaining population that is a consistent producer and I expect it to remain this way for the near future. Anglers should expect good fishing opportunities for fish anywhere from 2-7 lbs. with some bigger fish mixed in.

Gizzard Shad

Table 4. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Gizzard Shad sampled during September, October and November by gillnets.

	2013	2015	2016	2017
Total Catch	83	44	28	11
Stock Catch	64	42	28	11
Units of Effort	8	8	7	8
Sub-Stock CPUE (RSE)	2.4 (41)	0.3 (65)	0.0 (.)	0.0 (.)
Stock CPUE (RSE)	8.0 (38)	5.3 (29)	4.0 (57)	1.4 (47)
Quality/Density CPUE (RSE)	0.1 (100)	0.0 (.)	0.1 (100)	0.0 (.)
Preferred CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)
Memorable/Lunker CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)
Total CPUE (RSE)	10.4 (38)	5.5 (30)	4.0 (57)	1.4 (47)
PSD S-Q (7-11")	98.44	100	96.43	100
PSD Q-P (>11")	1.56	.	3.57	.
PSD P-M	.	.	.	.
PSD M-T	.	.	.	.
PSD	1.56	0	3.57	0
Mean WR S-Q (RSE)	91 (2)	89 (1)	.(.)	.(.)
Mean WR Q-P (RSE)	84 (.)	.(.)	.(.)	.(.)
Mean WR P-M (RSE)	.(.)	.(.)	.(.)	.(.)
Mean WR M-T (RSE)	.(.)	.(.)	.(.)	.(.)
Mean WR T+ (RSE)	.(.)	.(.)	.(.)	.(.)

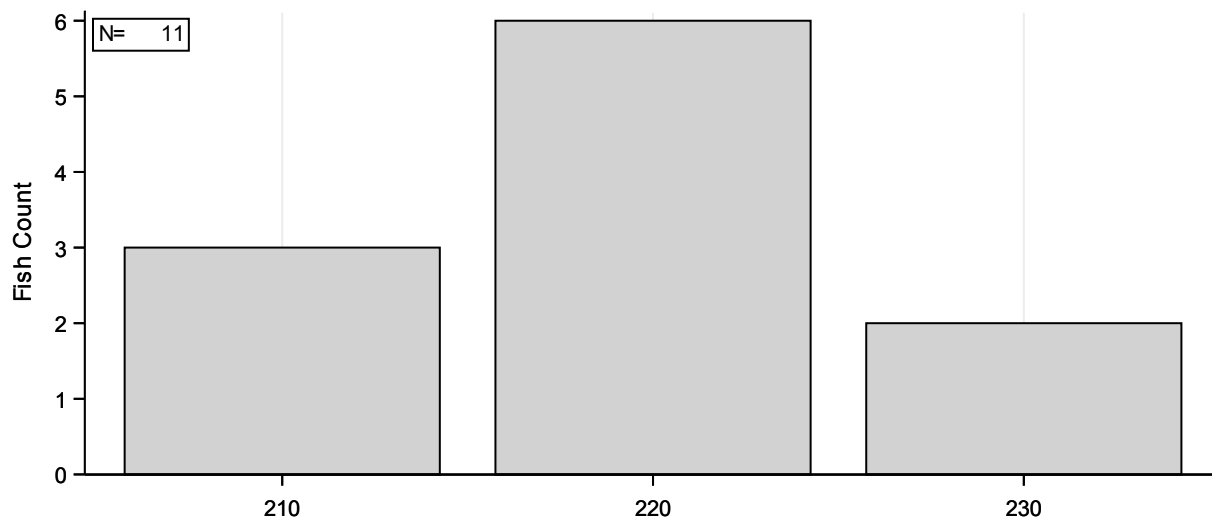


Figure 7. Length-frequency of Gizzard Shad at Garnett-Cedar Creek Lake collected using gillnets on 09/28/2017, 09/29/2017.

Analysis: Only 11 gizzard shad were captured in our fall gill net sample. This number seems low compared to the amount of gizzard shad observed during electrofishing during the spring and summer. All 11 shad were in the stock length group but this means these fish were over 8" making them unusable for smaller predators.

Largemouth Bass

Table 5. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Largemouth Bass sampled during April, May and June by electrofishing.

	2013	2014	2015	2016	2017
Total Catch	35	39	71	128	275
Stock Catch	33	34	64	116	234
Units of Effort	1.19	0.73	0.89	1.53	1.86
Sub-Stock CPUE (RSE)	1.7 (67)	5.8 (53)	8.6 (40)	8.4 (47)	24.1 (31)
Stock CPUE (RSE)	28.0 (16)	45.6 (25)	72.2 (21)	76.4 (16)	126.4 (9)
Quality/Density CPUE (RSE)	21.4 (19)	29.1 (21)	49.2 (25)	62.1 (16)	79.1 (9)
Preferred CPUE (RSE)	9.3 (20)	21.0 (37)	32.8 (19)	30.2 (11)	37.3 (9)
Memorable/Lunker CPUE (RSE)	1.7 (67)	3.6 (64)	2.5 (65)	6.4 (34)	7.9 (22)
Total CPUE (RSE)	29.7 (17)	51.5 (26)	80.8 (18)	84.9 (11)	150.4 (9)
PSD S-Q (8-12")	24.24	38.24	32.81	18.97	37.18
PSD Q-P (12-15")	42.42	17.65	21.88	41.38	32.91
PSD P-M (15-20")	27.27	35.29	42.19	31.03	23.93
PSD M-T (20-25")	6.06	8.82	3.13	8.62	5.98
PSD	75.76	61.76	67.19	81.03	62.82
Mean WR S-Q (RSE)	99 (2)	94 (3)	94 (2)	96 (2)	94 (1)
Mean WR Q-P (RSE)	101 (3)	94 (6)	95 (2)	97 (1)	99 (1)
Mean WR P-M (RSE)	105 (3)	104 (3)	98 (3)	100 (1)	98 (1)
Mean WR M-T (RSE)	108 (2)	105 (5)	101 (4)	103 (3)	104 (2)
Mean WR T+ (RSE)	. (.)	. (.)	. (.)	. (.)	. (.)

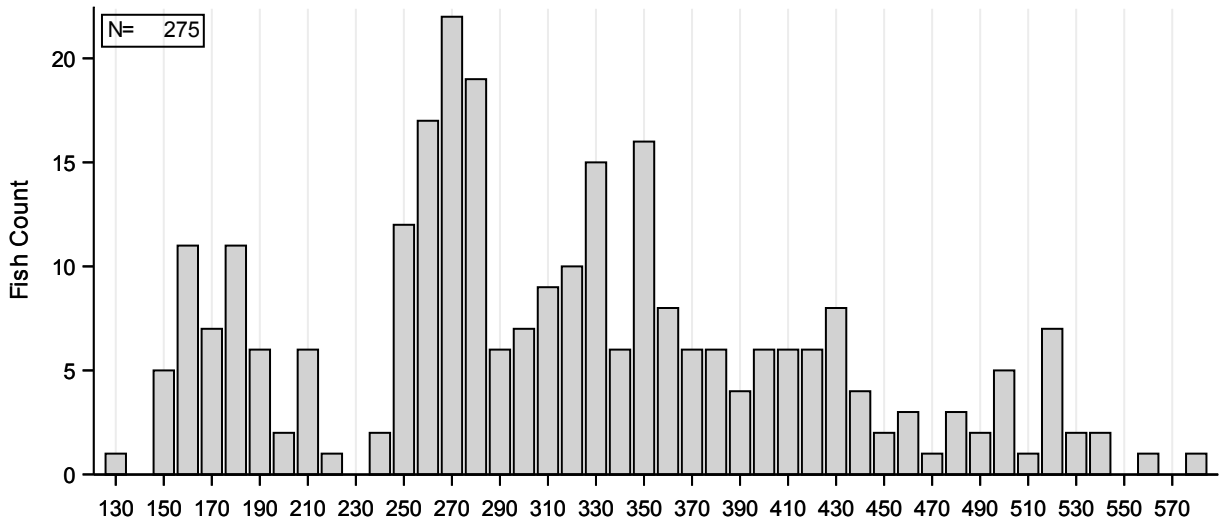


Figure 9. Length-frequency of Largemouth Bass at Garnett-Cedar Creek Lake collected using electrofishing on 05/18/2017.

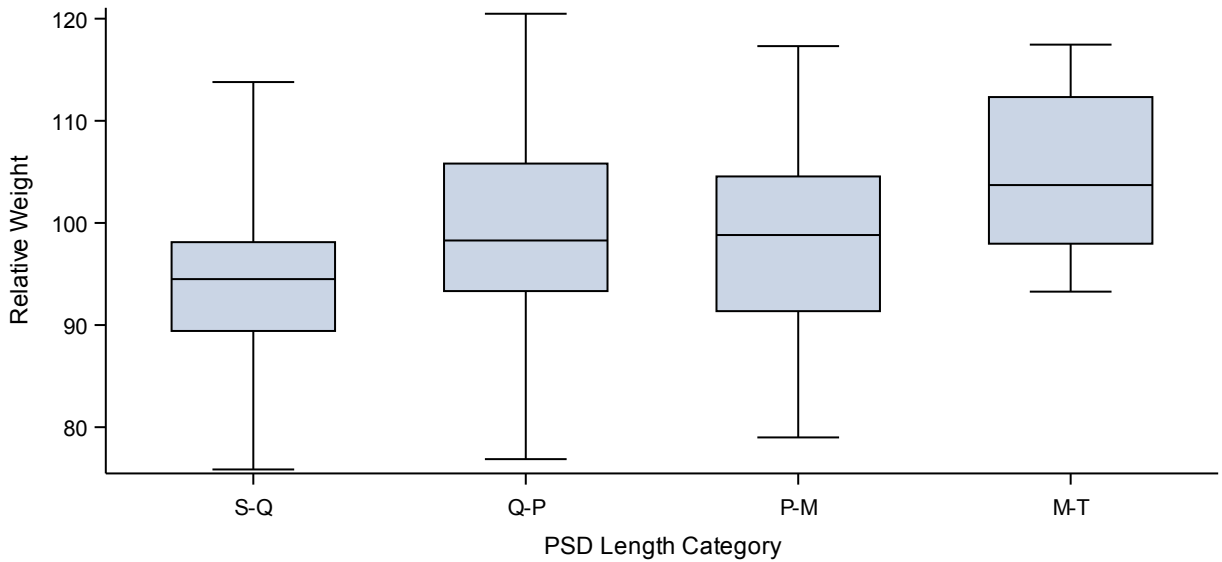


Figure 10. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Largemouth Bass, by PSD length category, at Garnett-Cedar Creek Lake collected using electrofishing on 05/18/2017.

Analysis: The largemouth bass population has grown substantially over the past two years. Spring electrofishing efforts yielded a total of 275 bass in 1.86 hrs. for a stock CPUE of 126 fish/hr. This year we saw large increases in stock (8-12") and quality length fish (12-15") and moderate increases in preferred (15-20") and memorable length fish (20-25"). The PSD of 63 is indicating the population is pretty well balanced and in great shape. All length classes exhibited excellent body condition with an overall mean W_r of 97. The largest fish sampled was just under 23" and weighed 8.5 lbs. This population is benefitting from an over-stocked crappie population and an abundant gizzard shad population. Anglers should expect some great fishing opportunities this year with a really good chance at catching big bass.

Pomoxis (White Crappie and Black Crappie combined)

Table 6. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Pomoxis sampled during September, October and November by trapnets.

	2013	2014	2015	2016	2017
Total Catch	519	622	600	412	472
Stock Catch	513	580	600	387	469
Units of Effort	8	8	8	8	8
Sub-Stock CPUE (RSE)	0.8 (70)	5.3 (58)	0.0 (.)	3.1 (87)	0.4 (70)
Stock CPUE (RSE)	64.1 (34)	72.5 (10)	75.0 (42)	48.4 (31)	58.6 (16)
Quality/Density CPUE (RSE)	14.4 (33)	14.6 (11)	13.9 (23)	15.1 (36)	16.5 (25)
Preferred CPUE (RSE)	3.8 (59)	0.9 (40)	0.5 (53)	1.5 (44)	1.6 (28)
Memorable/Lunker CPUE (RSE)	2.0 (59)	0.3 (65)	0.4 (49)	1.0 (57)	0.3 (65)
Total CPUE (RSE)	64.9 (34)	77.8 (11)	75.0 (42)	51.5 (28)	59.0 (16)
PSD S-Q (5-8")	77.58	79.83	81.5	68.73	71.86
PSD Q-P (8-10")	16.57	18.97	17.83	28.17	25.37
PSD P-M (10-12")	2.73	0.86	0.17	1.03	2.35
PSD M-T (12-15")	3.12	0.34	0.33	1.81	0.43
PSD	22.42	20.17	18.5	31.27	28.14
Mean WR S-Q (RSE)	99 (2)	97 (2)	98 (2)	93 (2)	97 (2)
Mean WR Q-P (RSE)	90 (2)	83 (1)	81 (2)	88 (2)	89 (1)
Mean WR P-M (RSE)	90 (3)	86 (6)	96 (.)	95 (1)	89 (2)
Mean WR M-T (RSE)	97 (2)	96 (4)	98 (3)	87 (6)	80 (0)
Mean WR T+ (RSE)	. (.)	. (.)	107 (.)	90 (.)	. (.)

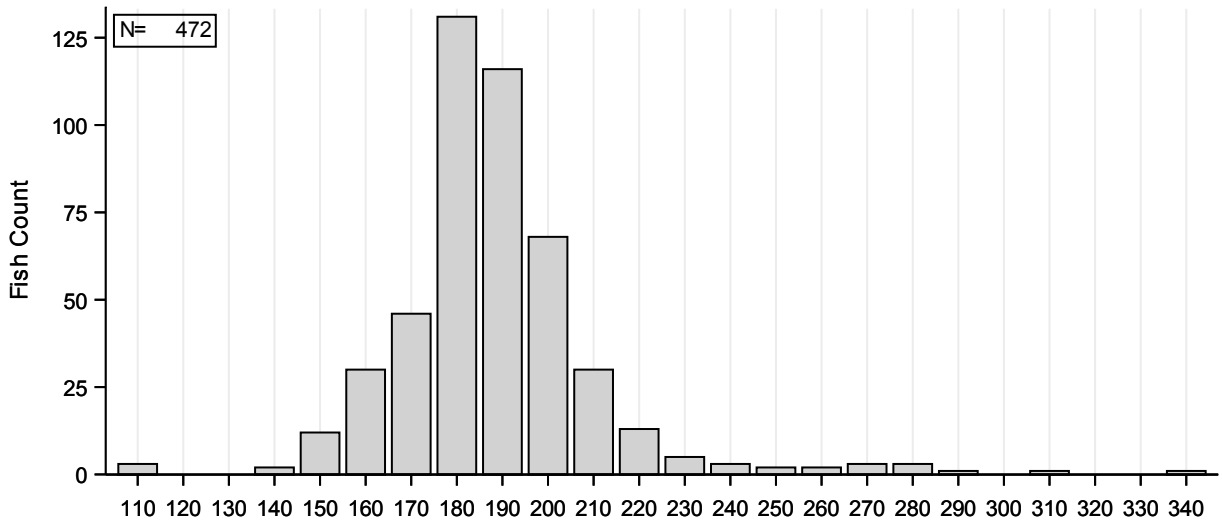


Figure 11. Length-frequency of Pomoxis at Garnett-Cedar Creek Lake collected using trapnets on 09/28/2017, 09/29/2017.

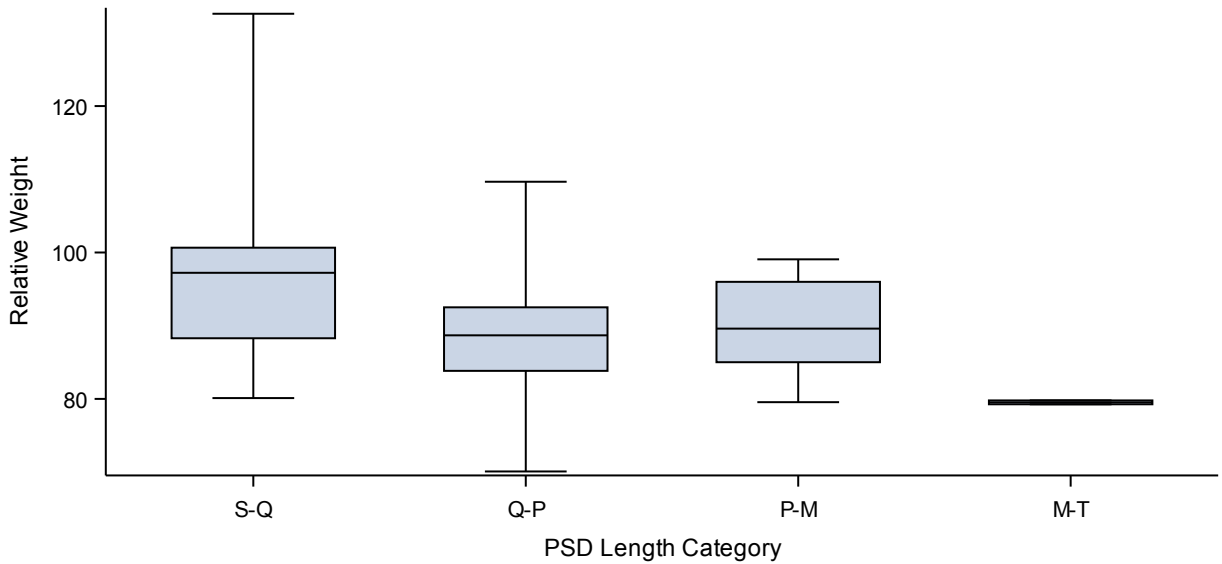


Figure 12. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Pomoxis, by PSD length category, at Garnett-Cedar Creek Lake collected using trapnets on 09/28/2017, 09/29/2017.

Analysis: Fall sampling continues to show a crappie population that is overcrowded with stock length fish. The size structure has not changed much over the last five years with the majority of every sample being dominated by stock length fish (5-8"), and very few fish larger than 10" are being captured. I am trying to change the size structure of the population by adding more predators to the system in the form of wipers and saugeye. The ever-increasing largemouth bass population will also help to provide some predation on this population. It will take some time but I think if we can get enough predation on these fish, their growth rates should change and the size structure should start to improve.

Saugeye

Table 7. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Saugeye sampled during September, October and November by gillnets.

	2017
Total Catch	1
Stock Catch	0
Units of Effort	8
Sub-Stock CPUE (RSE)	0.1 (100)
Stock CPUE (RSE)	0.0 (.)
Quality/Density CPUE (RSE)	0.0 (.)
Preferred CPUE (RSE)	0.0 (.)
Memorable/Lunker CPUE (RSE)	0.0 (.)
Total CPUE (RSE)	0.1 (100)
PSD S-Q (9-14")	.
PSD Q-P (14-18")	.
PSD P-M (18-22")	.
PSD M-T (22-27")	.
PSD	.
Mean WR S-Q (RSE)	. (.)
Mean WR Q-P (RSE)	. (.)
Mean WR P-M (RSE)	. (.)
Mean WR M-T (RSE)	. (.)
Mean WR T+ (RSE)	. (.)



Figure 13. Length-frequency of Saugeye at Garnett-Cedar Creek Lake collected using gillnets on 09/28/2017.

Analysis: We captured one saugeye this year in the core panel gill nets and it was of sub-stock length. Saugeye 13" long were captured while eletrofishing indicating that the fish are growing well, we just aren't seeing them show up in the core panel nets.

Wiper-W X S Bass

Table 8. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Wiper-W X S Bass sampled during September, October and November by gillnets.

	2015	2016	2017
Total Catch	1	1	1
Stock Catch	0	0	1
Units of Effort	8	7	8
Sub-Stock CPUE (RSE)	0.1 (100)	0.1 (100)	0.0 (.)
Stock CPUE (RSE)	0.0 (.)	0.0 (.)	0.1 (100)
Quality/Density CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)
Preferred CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)
Memorable/Lunker CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)
Total CPUE (RSE)	0.1 (100)	0.1 (100)	0.1 (100)
PSD S-Q (10-16")	.	.	100
PSD Q-P (16-20")	.	.	.
PSD P-M (20-24")	.	.	.
PSD M-T (24-28")	.	.	.
PSD	.	.	0
Mean WR S-Q (RSE)	. (.)	. (.)	86 (.)
Mean WR Q-P (RSE)	. (.)	. (.)	. (.)
Mean WR P-M (RSE)	. (.)	. (.)	. (.)
Mean WR M-T (RSE)	. (.)	. (.)	. (.)
Mean WR T+ (RSE)	. (.)	. (.)	. (.)

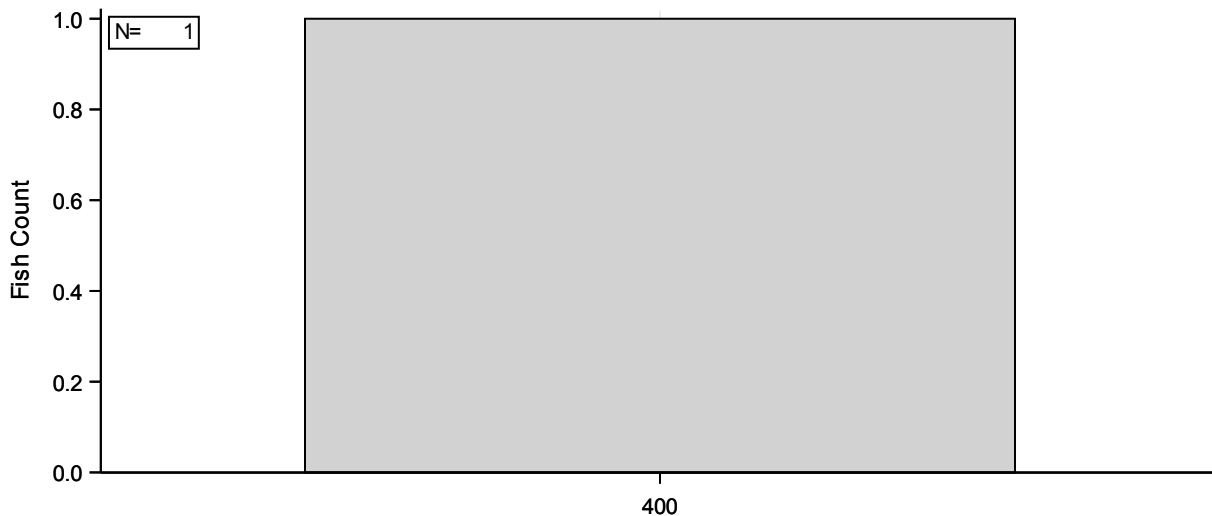


Figure 15. Length-frequency of Wiper-W X S Bass at Garnett-Cedar Creek Lake collected using gillnets on 09/28/2017.

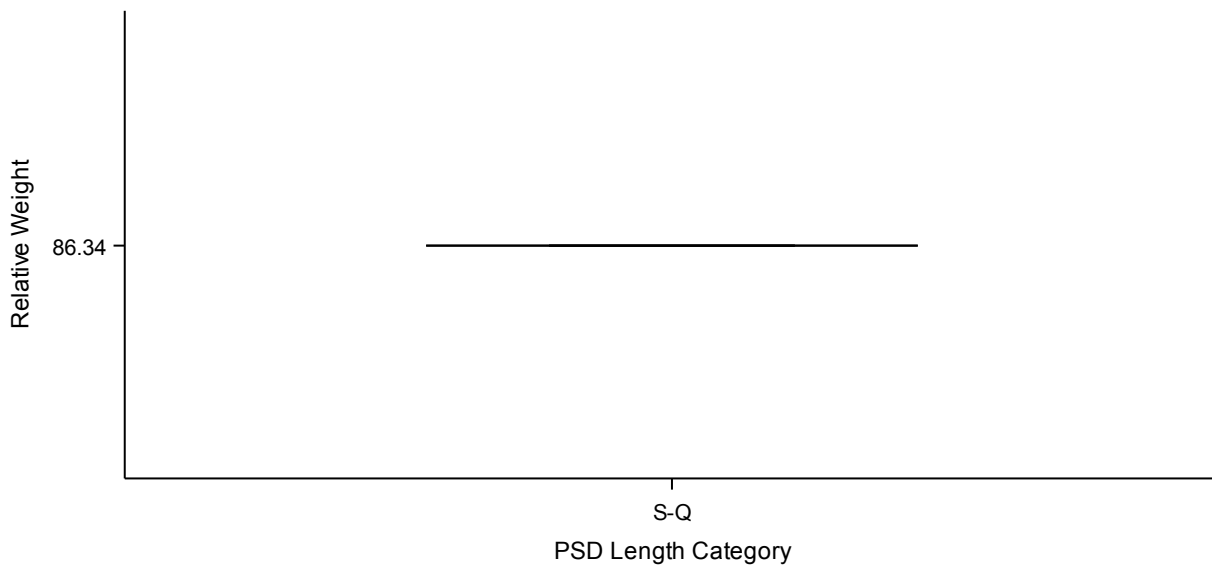


Figure 16. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Wiper-W X S Bass, by PSD length category, at Garnett-Cedar Creek Lake collected using gillnets on 09/28/2017.

Analysis: Just like the previous two years we captured one wiper in our core panel sample. This year the fish was stock length and measured 400 mm or 16". These fish should grow well with the amount of forage available in the lake. I'm hoping the combination of wipers and saugeye will help reshape the crappie population, but it will take several years for this to happen.

Recommendations:

1. Continue to stock saugeye fingerlings this year at a rate of 25/acre.
2. Skip a year of stocking wiper intermediates.
3. Monitor all populations with standard gears and techniques.

Kansas Department of Wildlife, Parks and Tourism
Fisheries Division
2017 Progress and Management Report
Garnett City Lake-North
Prepared by Morrison

History: No major changes have occurred over the past year.

Limnological Parameters

Parameter	Value
Size Multipurpose pool (acres)	55.0
Max. Depth (ft)	.
Mean Depth (ft)	.
Mean Annual Precip. (in)	.
Mean Annual Runoff (in)	.
Area Watershed Drainage (square mi)	.
Hydrologic Residence Time (days)	.
Chlorophyll a (ppb)	.
Dsf	.
Secchi (cm)	.
Shoreline Development Index	2.6
% Ag	.
% Forest	.
% Grass	.
% Urban	.
Trophic State Index	.

Community Fisheries Assistance Program (CFAP) Grants

Project Name	Fiscal Year	KDWP Share	Cooperator Share	Total Project Cost
Fish feeder	2006	.	.	.
Fishing dock	2000	\$5,637.00	\$1,880.00	\$7,517.00
Floating fish feeders	1993	\$3,153.00	\$1,645.00	\$4,798.00
		\$8,790.00	\$3,525.00	\$12,315.00

Management Objectives:

1. Produce a largemouth bass population with a stock CPUE of at least 100 fish/hr. and a PSD P-M>20 and Wr's over 90.
2. Produce a channel catfish population with a stock CPUE of 5 fish/nn in the core panel gill nets with Wr's>90.
3. Produce a bluegill population with a stock CPUE over 15 fish/nn and Wr's>90.
4. Produce a crappie population with a stock CPUE near 20 fish/nn with Wr's>90 and PSD P-M>30.

Fish Sampling Summary

Gear	Date Sampled	# of Samples	Units of Effort
Electro-Smith Root,dc	05/18/2017	5	0.89
Frame Net 1/2 Mesh	09/27/2017	5	99.75
Gill Net-Core Panel	09/27/2017	4	78.50

Stocking Records and Requests from 2012 to 2018

Year	Species	Size	No.Requested	No.Stocked	Total Lbs
2018	BLUEGILL	AD 01/01/1970	1,500	.	.
		Total	1,500	.	.
	CHANNEL CATFISH	INT 01/01/1970	1,500	.	.
		Total	1,500	.	.
SAUGEYE	FRY 01/01/1970	110,000	.	.	
	Total	110,000	.	.	
2017	CHANNEL CATFISH	INT 09/20/2017	1,500	1,500	399
		Total	1,500	1,500	399
	PALMETTO BASS (Wiper Orig)	INT 10/04/2017	500	500	100
		Total	500	500	100
SAUGEYE	FING 01/01/1970	2,500	.	.	
	Total	2,500	.	.	
2016	CHANNEL CATFISH	INT 10/11/2016	1,500	1,501	575
		Total	1,500	1,501	575
	PALMETTO BASS (Wiper Orig)	INT 09/14/2016	500	500	52
		Total	500	500	52
SAUGEYE	FING 01/01/1970	2,500	.	.	
	Total	2,500	.	.	
2015	CHANNEL CATFISH	INT 10/13/2015	1,500	1,513	584
		Total	1,500	1,513	584
	SAUGEYE	FRY 04/23/2015	110,000	110,000	.
		Total	110,000	110,000	.
2014	CHANNEL CATFISH	INT 10/14/2014	1,000	1,011	406
		Total	1,000	1,011	406
	SAUGEYE	TF 01/01/1970	1,500	.	.
		Total	1,500	.	.
SAUGEYE	FING 01/01/1970	2,500	.	.	
	Total	2,500	.	.	
2013	CHANNEL CATFISH	FING 03/21/2013	1,500	1,504	206

		No.Requested	No.Stocked	Total Lbs
	Total	1,500	1,504	206
	INT 10/22/2013	2,500	2,513	1,137
	Total	2,500	2,513	1,137
PALMETTO BASS (Wiper Orig)	TF 07/19/2013	1,500	1,266	37
	Total	1,500	1,266	37
2012 CHANNEL CATFISH	FING 03/23/2012	1,500	1,501	239
	Total	1,500	1,501	239
	INT 09/25/2012	2,500	2,501	740
	Total	2,500	2,501	740
PALMETTO BASS (Wiper Orig)	INT 01/01/1970	250	.	.
	Total	250	.	.
	TF 07/10/2012	1,500	1,500	37
	Total	1,500	1,500	37

Black Crappie

Table 2. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Black Crappie sampled during September, October and November by trapnets.

	2013	2014	2016	2017
Total Catch	16	14	25	31
Stock Catch	15	13	25	31
Units of Effort	2	2	4	5
Sub-Stock CPUE (RSE)	0.5 (100)	0.5 (100)	0.0 (.)	0.0 (.)
Stock CPUE (RSE)	7.5 (20)	6.5 (100)	6.3 (95)	6.2 (92)
Quality/Density CPUE (RSE)	6.5 (23)	6.0 (100)	5.3 (94)	5.6 (91)
Preferred CPUE (RSE)	5.5 (45)	0.5 (100)	1.8 (100)	1.4 (83)
Memorable/Lunker CPUE (RSE)	1.0 (100)	0.0 (.)	0.0 (.)	0.0 (.)
Total CPUE (RSE)	8.0 (13)	7.0 (86)	6.3 (95)	6.2 (92)
PSD S-Q (5-8")	13.33	7.69	16	9.68
PSD Q-P (8-10")	13.33	84.62	56	67.74
PSD P-M (10-12")	60	7.69	28	22.58
PSD M-T (12-15")	13.33	.	.	.
PSD	86.67	92.31	84	90.32
Mean WR S-Q (RSE)	107 (7)	86 (.)	97 (5)	85 (8)
Mean WR Q-P (RSE)	86 (5)	85 (2)	90 (2)	91 (1)
Mean WR P-M (RSE)	92 (3)	82 (.)	93 (3)	88 (3)
Mean WR M-T (RSE)	86 (2)	.(.)	.(.)	.(.)
Mean WR T+ (RSE)	.(.)	.(.)	.(.)	.(.)

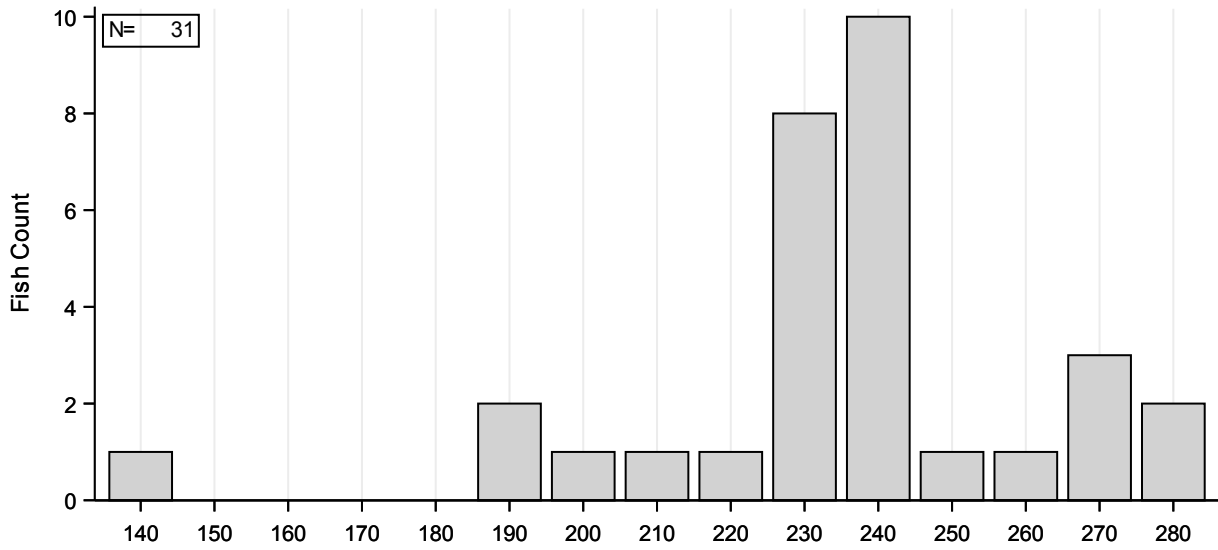


Figure 3. Length-frequency of Black Crappie at Garnett City Lake-North collected using trapnets on 09/27/2017.

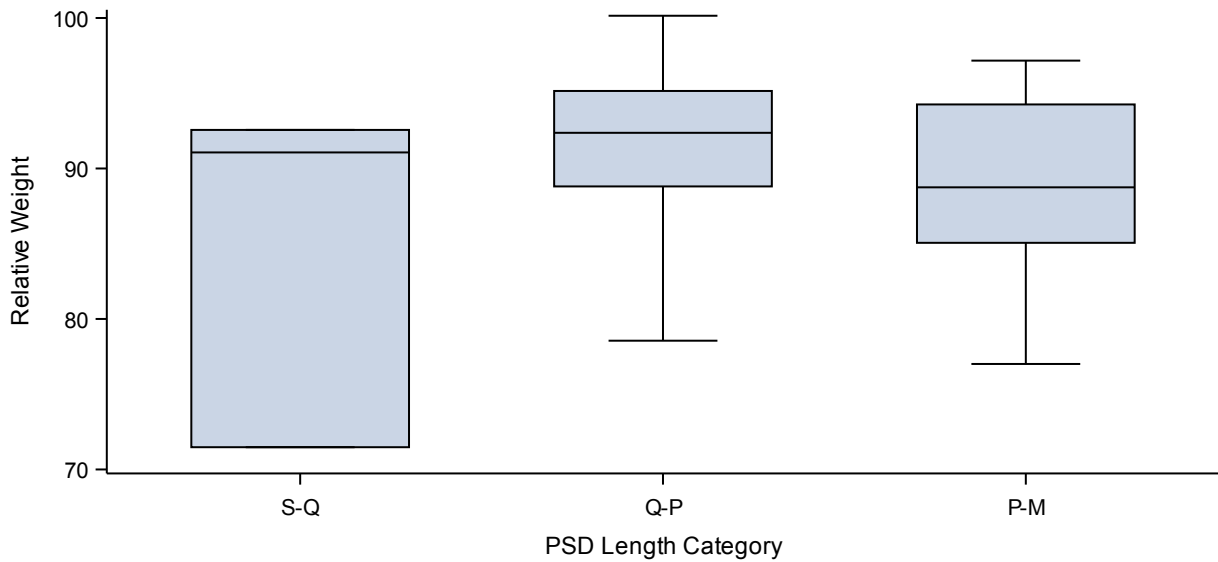


Figure 4. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Black Crappie, by PSD length category, at Garnett City Lake-North collected using trapnets on 09/27/2017.

Analysis: Fall sampling efforts yielded 31 black crappie in the trap nets for a stock CPUE of 6.20 fish/nn a slight increase from the previous year. We caught 3 stock length fish (5-8"), 21 quality length fish (8-10"), and 7 preferred length fish (10-12"). These numbers are very similar to the previous year's sample and indicates the population is in stable condition. The body condition of all length classes was good with the mean W_r value at 90.

Bluegill

Table 3. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Bluegill sampled during September, October and November by trapnets.

	2013	2014	2016	2017
Total Catch	26	17	25	14
Stock Catch	26	17	17	12
Units of Effort	2	2	4	5
Sub-Stock CPUE (RSE)	0.0 (.)	0.0 (.)	2.0 (100)	0.4 (61)
Stock CPUE (RSE)	13.0 (31)	8.5 (88)	4.3 (52)	2.4 (52)
Quality/Density CPUE (RSE)	6.5 (8)	6.0 (83)	2.3 (64)	1.6 (70)
Preferred CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)
Memorable/Lunker CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)
Total CPUE (RSE)	13.0 (31)	8.5 (88)	6.3 (34)	2.8 (41)
PSD S-Q (3-6")	50	29.41	47.06	33.33
PSD Q-P (6-8")	50	70.59	52.94	66.67
PSD P-M (8-10")	.	.	.	.
PSD M-T (10-12")	.	.	.	.
PSD	50	70.59	52.94	66.67
Mean WR S-Q (RSE)	95 (5)	86 (6)	94 (6)	95 (9)
Mean WR Q-P (RSE)	93 (6)	84 (3)	92 (2)	90 (2)
Mean WR P-M (RSE)	. (.)	. (.)	. (.)	. (.)
Mean WR M-T (RSE)	. (.)	. (.)	. (.)	. (.)
Mean WR T+ (RSE)	. (.)	. (.)	. (.)	. (.)

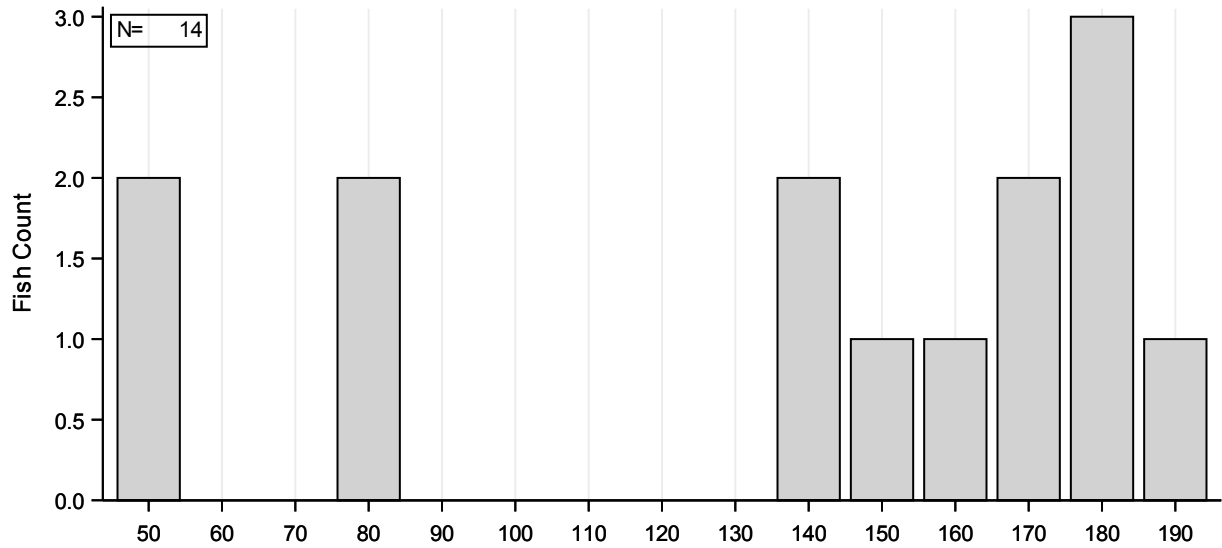


Figure 5. Length-frequency of Bluegill at Garnett City Lake-North collected using trapnets on 09/27/2017.

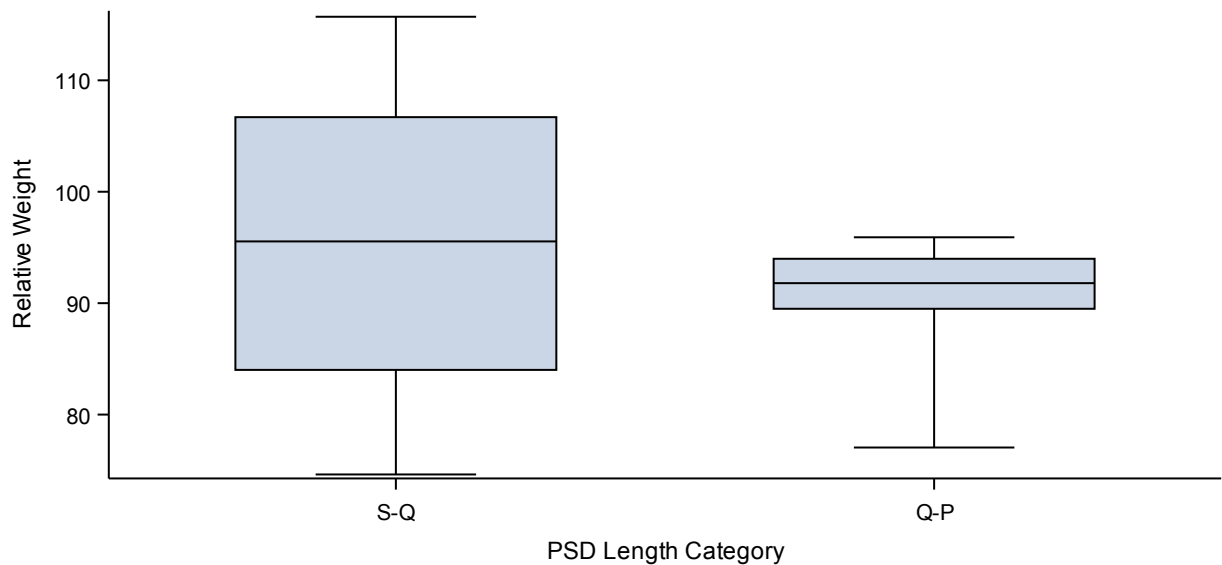


Figure 6. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Bluegill, by PSD length category, at Garnett City Lake-North collected using trapnets on 09/27/2017.

Analysis: The fall trap net sample continues to indicate a lower abundance of bluegill. The samples over the last few years have been consistently low with stock CPUE's under 10 and we would like to see the catch rates around 20 fish/net night. For this reason I have requested bluegill adults to be stocked next year to boost numbers.

Channel Catfish

Table 4. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Channel Catfish sampled during September, October and November by gillnets.

	2013	2014	2016	2017
Total Catch	29	20	41	21
Stock Catch	28	19	41	21
Units of Effort	4	4	4	4
Sub-Stock CPUE (RSE)	0.3 (100)	0.3 (100)	0.0 (.)	0.0 (.)
Stock CPUE (RSE)	7.0 (15)	4.8 (35)	10.3 (18)	5.3 (30)
Quality/Density CPUE (RSE)	4.3 (26)	3.3 (32)	7.0 (29)	4.3 (22)
Preferred CPUE (RSE)	0.8 (64)	1.0 (41)	0.3 (100)	0.5 (58)
Memorable/Lunker CPUE (RSE)	0.0 (.)	0.3 (100)	0.0 (.)	0.0 (.)
Total CPUE (RSE)	7.3 (12)	5.0 (37)	10.3 (18)	5.3 (30)
PSD S-Q (11-16")	39.29	31.58	31.71	19.05
PSD Q-P (16-24")	50	47.37	65.85	71.43
PSD P-M (24-28")	10.71	15.79	2.44	9.52
PSD M-T (28-36")	.	5.26	.	.
PSD	60.71	68.42	68.29	80.95
Mean WR S-Q (RSE)	94 (2)	94 (7)	88 (2)	87 (5)
Mean WR Q-P (RSE)	90 (4)	86 (4)	87 (2)	86 (2)
Mean WR P-M (RSE)	105 (13)	89 (1)	101 (.)	93 (2)
Mean WR M-T (RSE)	.(.)	99 (.)	.(.)	.(.)
Mean WR T+ (RSE)	.(.)	.(.)	.(.)	.(.)

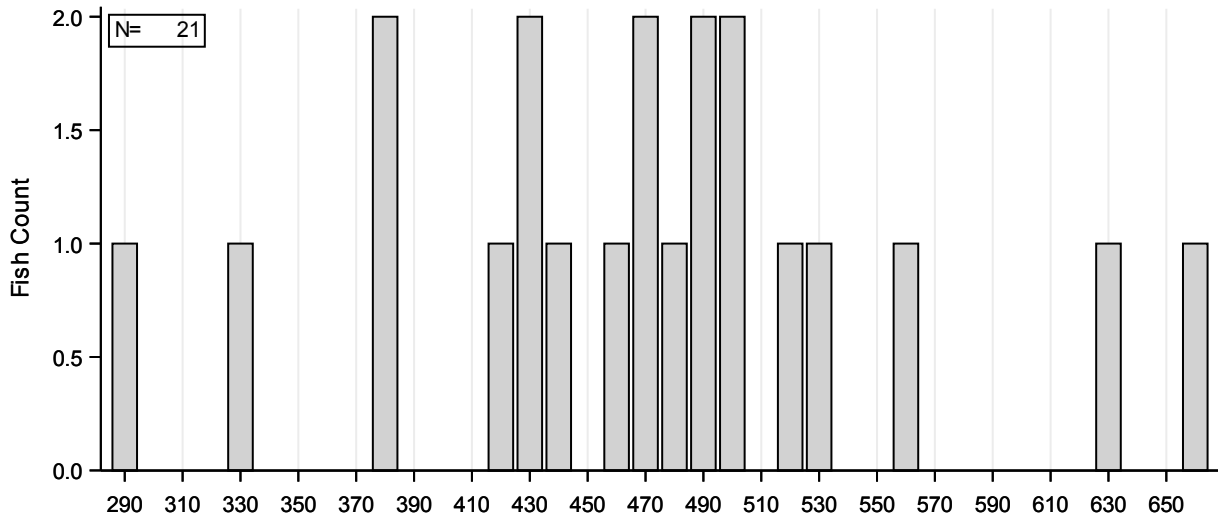


Figure 7. Length-frequency of Channel Catfish at Garnett City Lake-North collected using gillnets on 09/27/2017.

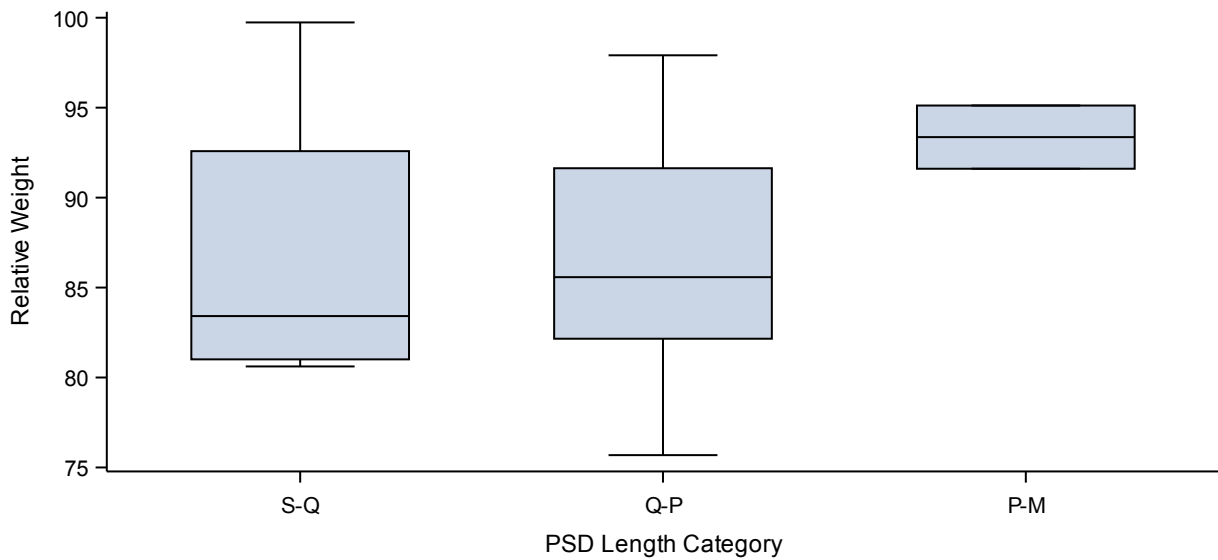


Figure 8. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Channel Catfish, by PSD length category, at Garnett City Lake-North collected using gillnets on 09/27/2017.

Analysis: Our catch rate of channel catfish decreased by 50% from the previous year. However, the stock CPUE of 5 fish/nn is still considered a good catch rate and indicates a good abundance of channel catfish. Size structure indices indicate the population is comprised mainly of quality length fish (16-24") PSD Q-P 71. A small percentage of preferred length fish (24-28") was captured PSD P-M 9.5. The body condition of all length classes could be better but mean W_r 's in the mid 80's are acceptable. I recommend the feeding program be continued to supplement the forage of the channel catfish.

Gizzard Shad

Table 5. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Gizzard Shad sampled during September, October and November by gillnets.

	2013	2014	2016	2017
Total Catch	47	29	7	24
Stock Catch	47	29	7	24
Units of Effort	4	4	4	4
Sub-Stock CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)
Stock CPUE (RSE)	11.8 (29)	7.3 (28)	1.8 (43)	6.0 (18)
Quality/Density CPUE (RSE)	6.5 (26)	3.3 (34)	1.5 (43)	5.3 (14)
Preferred CPUE (RSE)	0.8 (64)	0.3 (100)	0.5 (58)	0.8 (100)
Memorable/Lunker CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)
Total CPUE (RSE)	11.8 (29)	7.3 (28)	1.8 (43)	6.0 (18)
PSD S-Q (7-11")	44.68	55.17	14.29	12.5
PSD Q-P (>11")	48.94	41.38	57.14	75
PSD P-M	6.38	3.45	28.57	12.5
PSD M-T	.	.	.	.
PSD	55.32	44.83	85.71	87.5
Mean WR S-Q (RSE)	88 (2)	88 (2)	. (.)	. (.)
Mean WR Q-P (RSE)	83 (2)	81 (2)	. (.)	. (.)
Mean WR P-M (RSE)	92 (4)	82 (.)	89 (.)	. (.)
Mean WR M-T (RSE)	. (.)	. (.)	. (.)	. (.)
Mean WR T+ (RSE)	. (.)	. (.)	. (.)	. (.)

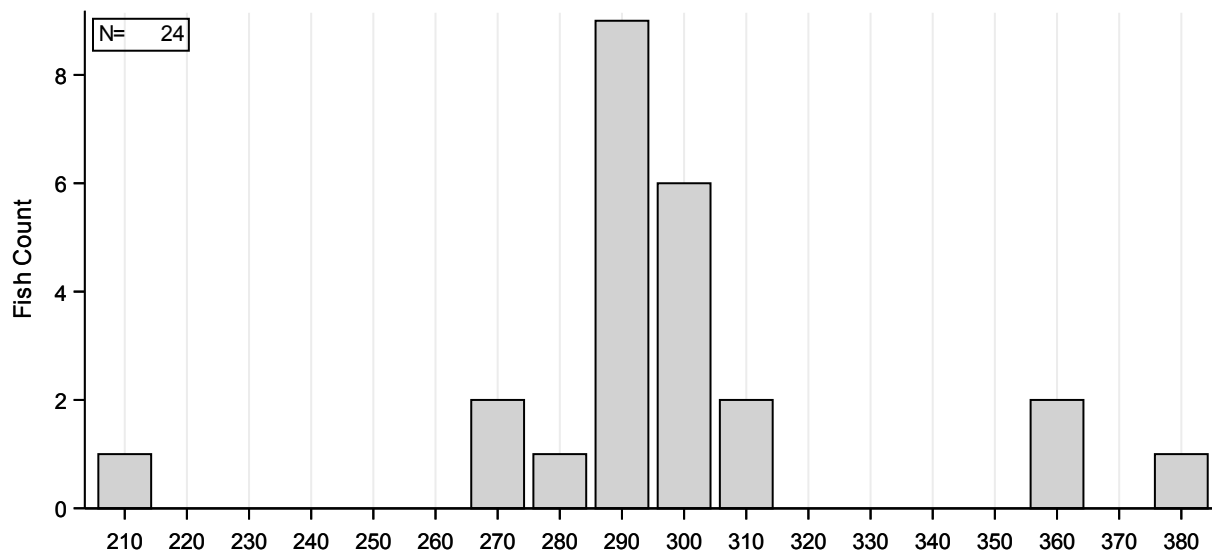


Figure 9. Length-frequency of Gizzard Shad at Garnett City Lake-North collected using gillnets on 09/27/2017.

Analysis: Fall sampling efforts show a gizzard shad population made up of large individuals. Almost all of the shad that were sampled were too big to be consumed by most predators in the system. The high density largemouth bass population does keep the shad at a manageable density, and the body condition of most of the predators is good indicating forage is not lacking.

Largemouth Bass

Table 6. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Largemouth Bass sampled during April, May and June by electrofishing.

	2013	2014	2015	2016	2017
Total Catch	174	207	225	205	157
Stock Catch	160	203	169	192	145
Units of Effort	1.3	1.33	1.35	0.96	0.89
Sub-Stock CPUE (RSE)	10.8 (.)	3.0 (.)	41.5 (.)	13.5 (28)	13.7 (37)
Stock CPUE (RSE)	123.1 (.)	152.6 (.)	125.2 (.)	200.0 (10)	164.1 (16)
Quality/Density CPUE (RSE)	86.2 (.)	98.5 (.)	74.8 (.)	119.8 (12)	116.4 (17)
Preferred CPUE (RSE)	10.0 (.)	12.8 (.)	6.7 (.)	27.1 (42)	33.9 (17)
Memorable/Lunker CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)	0.0 (.)
Total CPUE (RSE)	133.8 (.)	155.6 (.)	166.7 (.)	213.5 (10)	177.8 (14)
PSD S-Q (8-12")	30	35.47	40.24	40.1	28.97
PSD Q-P (12-15")	61.88	56.16	54.44	46.35	50.34
PSD P-M (15-20")	8.13	8.37	5.33	13.54	20.69
PSD M-T (20-25")	.	.	.	.	.
PSD	70	64.53	59.76	59.9	71.03
Mean WR S-Q (RSE)	101 (2)	90 (1)	94 (1)	95 (1)	95 (1)
Mean WR Q-P (RSE)	98 (1)	90 (1)	90 (1)	93 (1)	90 (1)
Mean WR P-M (RSE)	93 (2)	91 (2)	87 (2)	94 (2)	90 (1)
Mean WR M-T (RSE)	. (.)	. (.)	. (.)	. (.)	. (.)
Mean WR T+ (RSE)	. (.)	. (.)	. (.)	. (.)	. (.)

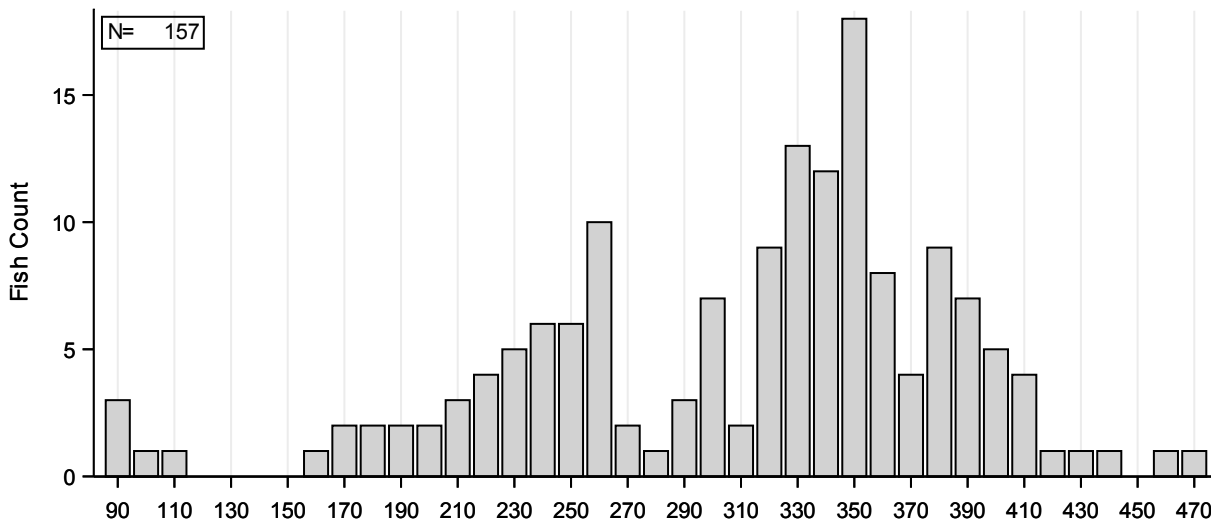


Figure 11. Length-frequency of Largemouth Bass at Garnett City Lake-North collected using electrofishing on 05/18/2017.

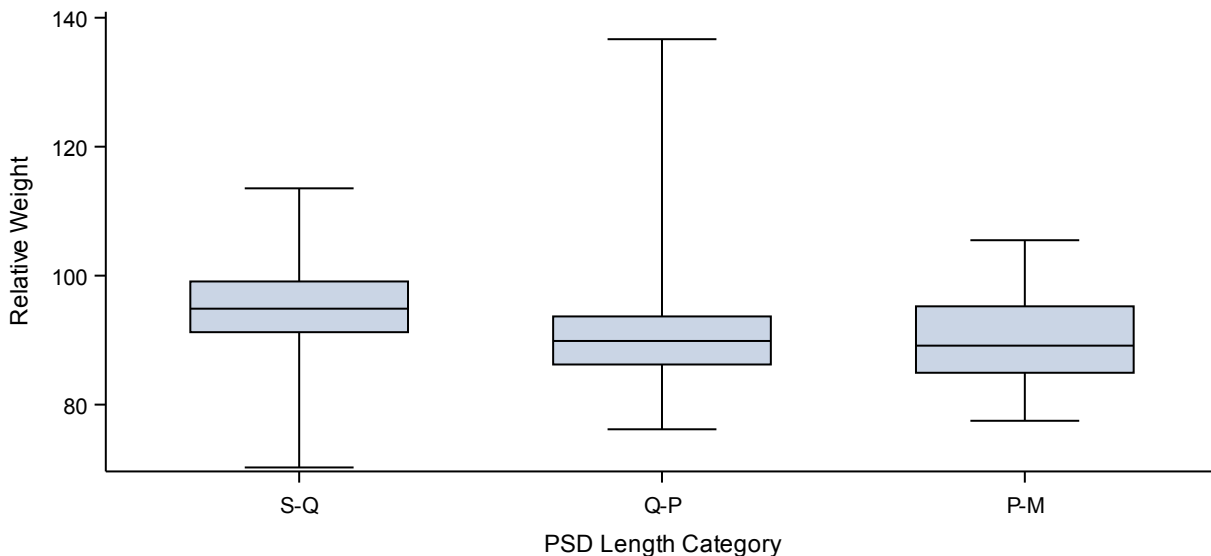


Figure 12. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Largemouth Bass, by PSD length category, at Garnett City Lake-North collected using electrofishing on 05/18/2017.

Analysis: We caught a total of 157 largemouth bass in .89 hrs. of electrofishing for a stock CPUE of 163 fish/hr. This catch rate is slightly lower than last year, but is still high and indicates a dense largemouth bass population. We caught 42 stock length fish (8-12"), 73 quality length fish (12-15"), and 30 preferred length fish (15-20"). The increased percentages of quality and preferred length fish resulted in an increased PSD of 71. Despite the high abundance of largemouth the fish are still in good condition with W_r values all greater than 90 for all length classes sampled.

Saugeye

Table 8. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Saugeye sampled during September, October and November by gillnets.

	2014	2016	2017
Total Catch	2	3	3
Stock Catch	2	3	3
Units of Effort	4	4	4
Sub-Stock CPUE (RSE)	0.0 (.)	0.0 (.)	0.0 (.)
Stock CPUE (RSE)	0.5 (100)	0.8 (64)	0.8 (33)
Quality/Density CPUE (RSE)	0.5 (100)	0.8 (64)	0.8 (33)
Preferred CPUE (RSE)	0.5 (100)	0.0 (.)	0.5 (58)
Memorable/Lunker CPUE (RSE)	0.3 (100)	0.0 (.)	0.0 (.)
Total CPUE (RSE)	0.5 (100)	0.8 (64)	0.8 (33)
PSD S-Q (9-14")	.	.	.
PSD Q-P (14-18")	.	100	33.33
PSD P-M (18-22")	50	.	66.67
PSD M-T (22-27")	50	.	.
PSD	100	100	100
Mean WR S-Q (RSE)	. (.)	. (.)	. (.)
Mean WR Q-P (RSE)	. (.)	88 (3)	80 (.)
Mean WR P-M (RSE)	82 (.)	. (.)	86 (4)
Mean WR M-T (RSE)	76 (.)	. (.)	. (.)
Mean WR T+ (RSE)	. (.)	. (.)	. (.)

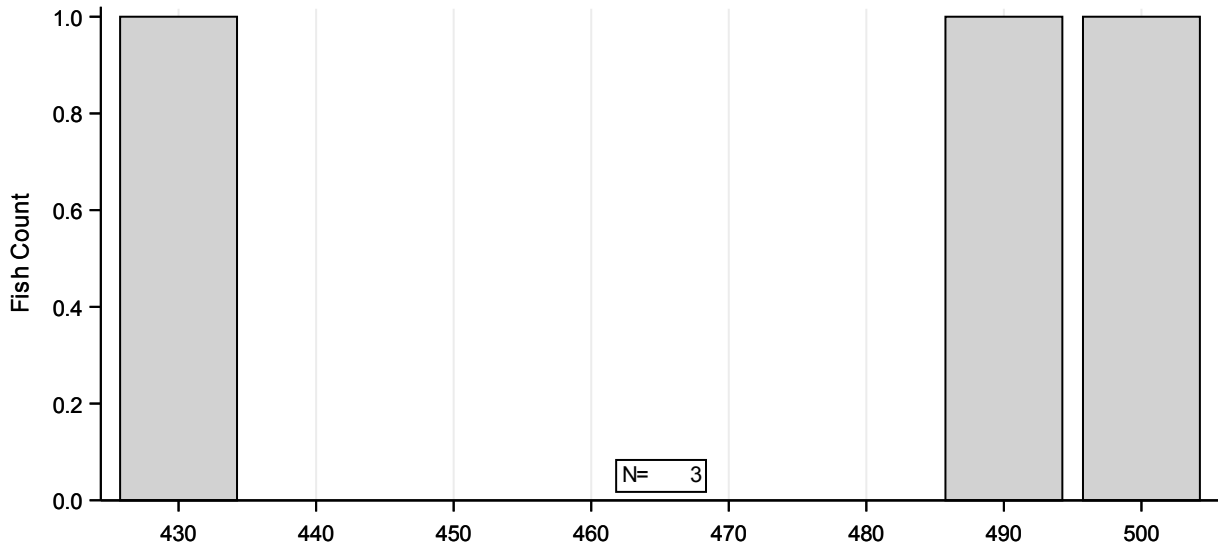


Figure 15. Length-frequency of Saugeye at Garnett City Lake-North collected using gillnets on 09/27/2017.

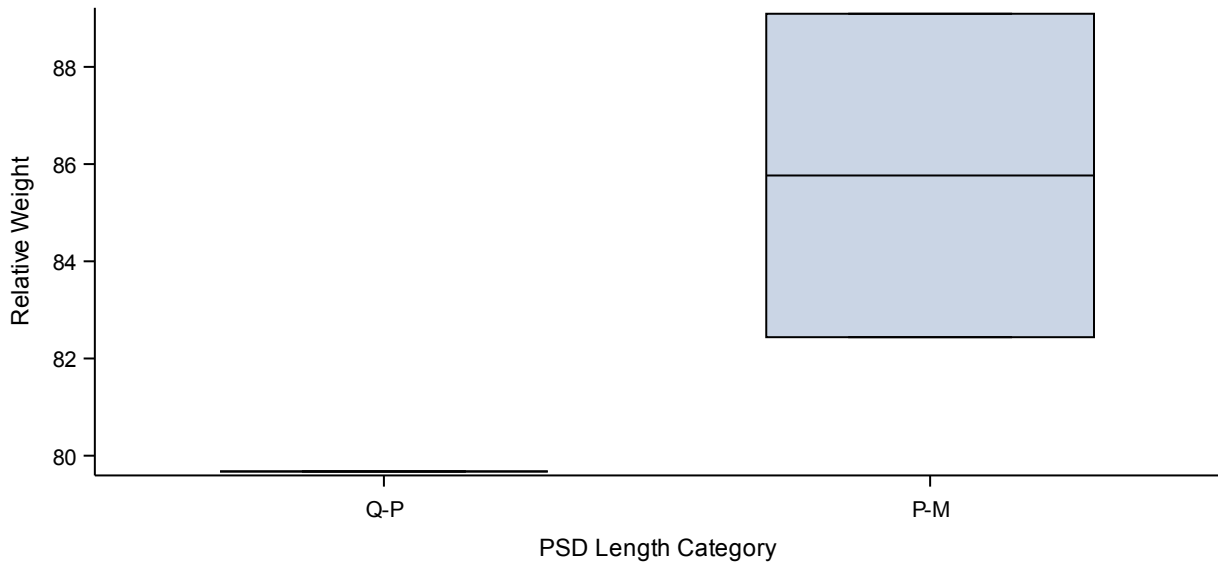


Figure 16. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Saugeye, by PSD length category, at Garnett City Lake-North collected using gillnets on 09/27/2017.

Analysis: We only captured 3 saugeye in the core panel gill nets and is consistent with previous years' samples. This population contributes to controlling shad abundance and adding extra predation on crappie as well. I plan to stock more saugeye next year to keep the population in check.

Wiper-W X S Bass

Table 9. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for Wiper-W X S Bass sampled during September, October and November by gillnets.

	2013	2014	2017
Total Catch	25	9	9
Stock Catch	11	8	9
Units of Effort	4	4	4
Sub-Stock CPUE (RSE)	3.5 (100)	0.3 (100)	0.0 (.)
Stock CPUE (RSE)	2.8 (58)	2.0 (84)	2.3 (46)
Quality/Density CPUE (RSE)	2.3 (58)	0.0 (.)	1.5 (64)
Preferred CPUE (RSE)	0.5 (58)	0.0 (.)	1.0 (58)
Memorable/Lunker CPUE (RSE)	0.3 (100)	0.0 (.)	0.3 (100)
Total CPUE (RSE)	6.3 (76)	2.3 (86)	2.3 (46)
PSD S-Q (10-16")	18.18	100	33.33
PSD Q-P (16-20")	63.64	.	22.22
PSD P-M (20-24")	9.09	.	33.33
PSD M-T (24-28")	9.09	.	11.11
PSD	81.82	0	66.67
Mean WR S-Q (RSE)	70 (12)	77 (6)	80 (5)
Mean WR Q-P (RSE)	81 (2)	. (.)	76 (10)
Mean WR P-M (RSE)	106 (.)	. (.)	76 (2)
Mean WR M-T (RSE)	71 (.)	. (.)	84 (.)
Mean WR T+ (RSE)	. (.)	. (.)	. (.)

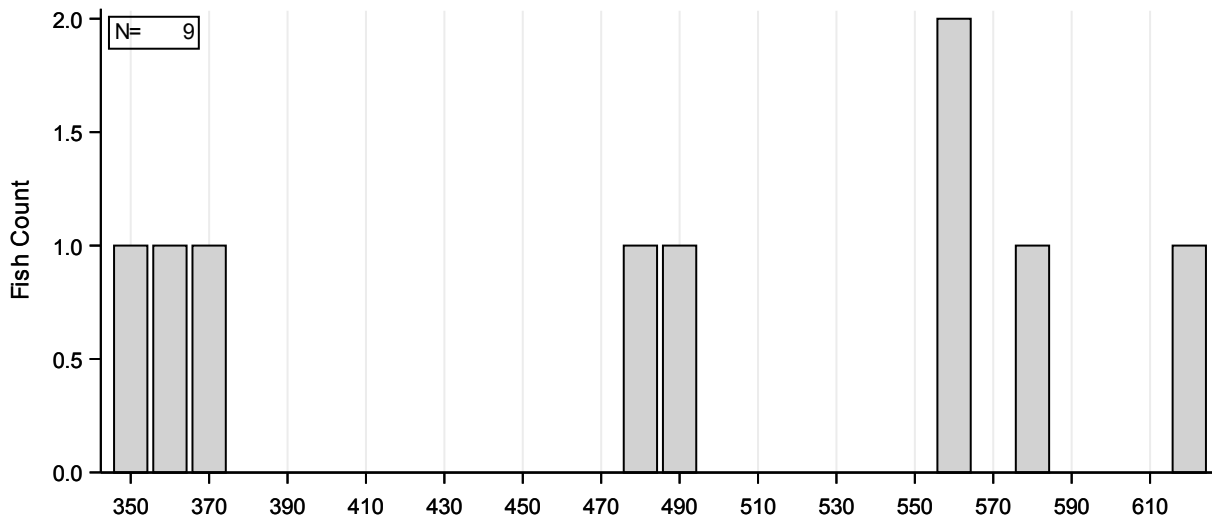


Figure 17. Length-frequency of Wiper-W X S Bass at Garnett City Lake-North collected using gillnets on 09/27/2017.

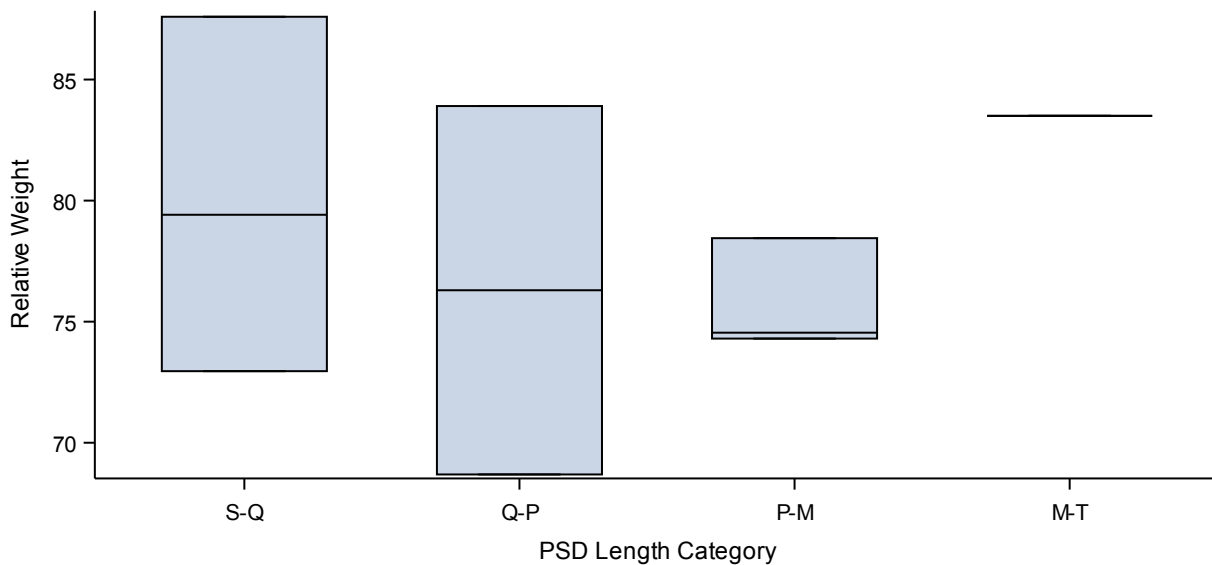


Figure 18. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of Wiper-W X S Bass, by PSD length category, at Garnett City Lake-North collected using gillnets on 09/27/2017.

Analysis: A total of 9 wipers were caught in the core panel gill nets, but there was three different size classes represented indicating a variety of sizes are available. Because this body of water is so productive, wipers generally tend to do well in this lake and grow really well. Many wipers near 10 lbs. have been sampled in the past and anglers report catching them frequently. Wipers help with keeping the gizzard shad in check along with crappie.

White Crappie

Table 10. Catch per unit effort (CPUE), proportional stock distribution (PSD), relative weight (Wr), and relative standard error (RSE) estimates for White Crappie sampled during September, October and November by trapnets.

	2013	2014	2016	2017
Total Catch	19	3	3	19
Stock Catch	18	3	3	11
Units of Effort	2	2	4	5
Sub-Stock CPUE (RSE)	0.5 (100)	0.0 (.)	0.0 (.)	1.6 (73)
Stock CPUE (RSE)	9.0 (78)	1.5 (100)	0.8 (100)	2.2 (58)
Quality/Density CPUE (RSE)	9.0 (78)	1.0 (100)	0.8 (100)	1.8 (51)
Preferred CPUE (RSE)	3.5 (43)	0.0 (.)	0.5 (100)	0.6 (41)
Memorable/Lunker CPUE (RSE)	1.0 (100)	0.0 (.)	0.3 (100)	0.0 (.)
Total CPUE (RSE)	9.5 (68)	1.5 (100)	0.8 (100)	3.8 (52)
PSD S-Q (5-8")	.	33.33	.	18.18
PSD Q-P (8-10")	61.11	66.67	33.33	54.55
PSD P-M (10-12")	27.78	.	33.33	27.27
PSD M-T (12-15")	11.11	.	33.33	.
PSD	100	66.67	100	81.82
Mean WR S-Q (RSE)	.(.)	82 (.)	.(.)	111 (1)
Mean WR Q-P (RSE)	107 (3)	83 (8)	111 (.)	87 (2)
Mean WR P-M (RSE)	98 (3)	.(.)	105 (.)	91 (1)
Mean WR M-T (RSE)	99 (4)	.(.)	97 (.)	.(.)
Mean WR T+ (RSE)	.(.)	.(.)	.(.)	.(.)

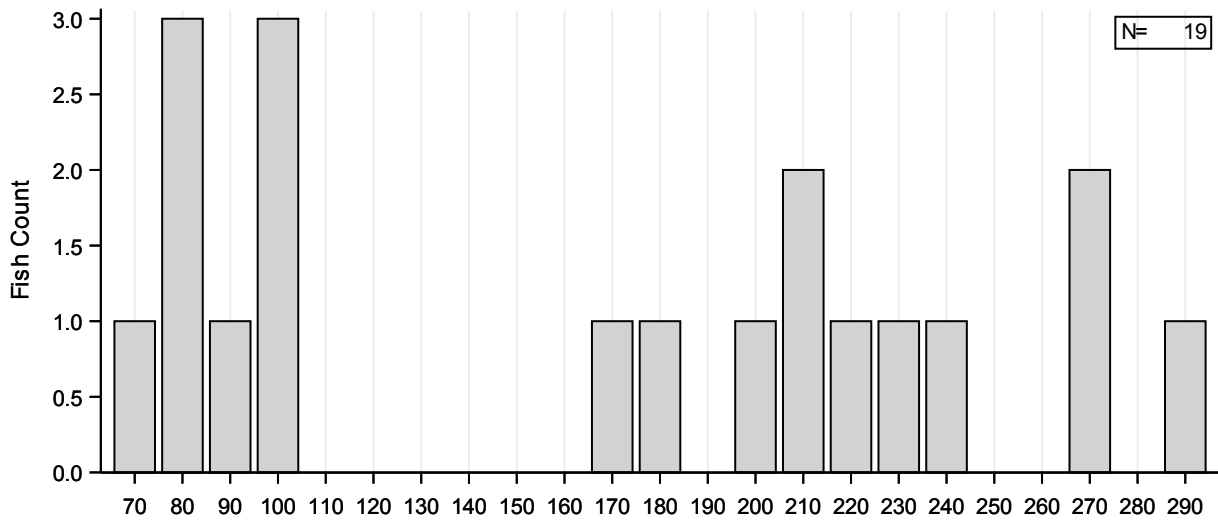


Figure 19. Length-frequency of White Crappie at Garnett City Lake-North collected using trapnets on 09/27/2017.

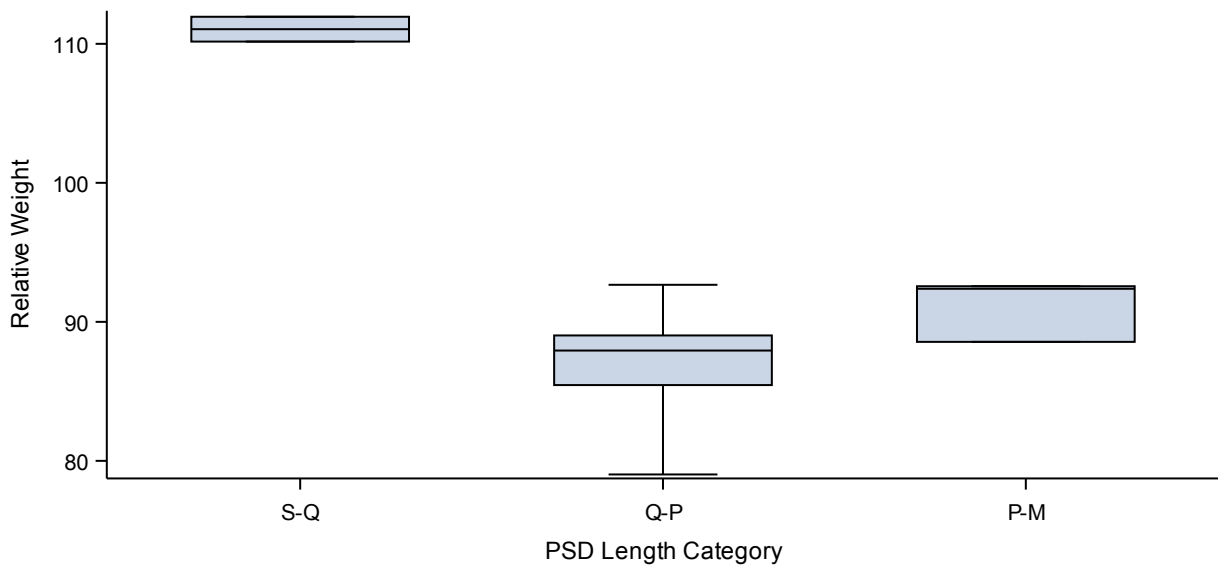


Figure 20. Maximum, 75th percentile, median, 25th percentile, and minimum relative weights of White Crappie, by PSD length category, at Garnett City Lake-North collected using trapnets on 09/27/2017.

Analysis: We captured 19 white crappie in the trap nets and 11 of them were stock length or greater. There were 2 stock length fish (5-8"), 6 quality length fish (8-10"), and 3 preferred length fish (10-12") which contributed to the stock CPUE of 2.2 fish/nn. Body condition for the fish was good. Combining the data from the black crappie with the white crappie, we can conclude that the population is in fair condition overall. It has a decent number of keeper sized fish in the population and it appears reproduction and recruitment of young fish is good.

Recommendations:

1. Continue with the feeding program and current feeding rate.
2. Stock bluegill adults 1,500
3. Stock channel catfish intermediates 1,500
4. Stock saugeye fry 110,000

Chamber/Community Development Monthly Report

We have wrapped up our Annual Banquet, thanks to all who have attended. Our office is very busy with membership renewals. Over the next two weeks I will begin updating our website to reflect out new members. I plan to train my replacement once one is hired.

Susan and I have been working on our social media accounts. We have been posting reminders for upcoming events and pet licenses. This, again, is a never ending process. We have updated the recreation sections of the website, as possible, for the rest of 2018. We work daily to update the City's website. I have been helping cover the front office during billing to help keep everything running smoothly.

I will continue to help Susan until I leave and a replacement is found.

Assistant Community Development/Chamber Director

Desiree Donovan

Community Development Additions from Susan Wettstein:

Phil Bures, Director of Parks and Recreation, Brian Maloan, Parks Superintendent, and myself went over the park assessment. I will be providing the park department a priority list, but most of what was discussed is already on their list as weather permits or once summer help arrives. There are items for the street department to address, such as road erosion areas at Cedar Valley Reservoir. I will refine the list of priorities and meet with City Manager Chris Weiner for his approval and then give to the department.

City Manager Chris Weiner, Airport Board Chairman Pat Schettler, and myself, were in on a teleconference on January 25th with the FAA and Garver to discuss the revisions to the Airport Master Plan. Information should be arriving on that update within the next week.

Gary Giczewski, Director of Planning and Zoning, had a meeting with a representative to grade the city on behalf of the Insurance Service Office. He went over a survey that grade the city on building codes. Gary learned a lot on how the city might raise its score and is already taken initiative to work on that. The score is used for underwriting of property insurance in the community.

We have placed begun a campaign to market the Town Hall meetings to be held on the proposed water plant improvement project. We have 3 weeks to encourage our citizens to attend one of the meetings held on February 26th at 9:00 a.m. or 6:00 p.m. at Town Hall Center. We will do our best to get the word out.

Some serious time has been spent on the Five Year Strategic Plans for Community Development, Tourism and from all the departments we oversee and support. I hope the City Commission is particularly impressed with Mr. Philip Bures' work on this. I hope to try and turn the old 1993 Strategic Plan into a Word document so that we might update it as well and either insert or add to the end of the updated Strategic Plan the five year plans our departments have been working so hard on.

Thank you to Commissioners Brecheisen-Huss and Gwin for attending Dennis Arnold's retirement reception.

I sent my report for tourism to the Commission along with the tourism agenda. I am working to provide as many of the advisory board agendas and minutes to the commission as I can prior to the meetings per Mrs. Brecheisen-Huss' request. Approved minutes will be uploaded to the city's website.

If there is anything the Commission wishes to discuss with me or if there is something I or my department can do to further progress for the City, please let me know. My office is always open to you.

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GARNETT FIRE DEPARTMENT
132 W. 4TH AVE.
GARNETT, KANSAS 66032
(785)448-3042



I had Gary over Friday to align the spear sheet on my computer. He was able to get in into excel and I will be using that soon hopefully. I am having to retrace ,the three wards already completed and still have some work to do on them. I have a small spread sheet completed below and will continue to get everything caught up.

1200 South Walnut Personal contact Brittany Boothe 1/18/18 Junk Furniture removed.IN Compliance

230 West 11th Personal contact Cassidy Goenhour 1/18/18 Inoperable car removed that day In Compliance

The following are cases from last year still requiring attention

245 East 2nd Letter delivered 11/17/17 No Compliance Citation to James M Prater for inoperable vehicles and junk in yard Compliant 1/1/25/18.

1200 South Elm Letter delivered 10/27/17. Resident and his wife came to the office in November requesting more time. Two more inoperable vehicles now on property. Citation issued 1/18/18. Occupant failed to pick up certified mail. Occupant served with citation 1/31/2018. Edwin Duncan III.

419 West 3rd Letter Attempted to serve REFUSED by Robert Wells stating the female occupant no longer living there. CAR STILL IN BACK YARD REGISTERED TO Robert Wells. Citation sent certified mail.

309 West 2nd Letter sent certified mail 10/31/ 17. NO compliance. Citation sent 11/28/17.certified mail to Aaron Hayes for inoperable vehicle.

None of the citations have been resolved and at two have already gone to court with no resolution there.

Letters this week

Jesus or Daniel Robinson two inoperable cars, 310 West 8th again.

Mike McSwain/ Jesse Bettinger 217 East Third Accumulation of trash

Fred Broyles 305 North Ash Inoperable vehicle

Sue Caylor 305 North Spruce Accumulation of trash.

Need to check on Mr. Hermreck on North Olive but I think his inoperable vehicles are on the county side of the fence

Emergency calls in January 2018

Fires 1

Investigations 4

Medical 2

February 6, 2018

Gas and Water Utilities Report

In the month of January, due to the severe cold snap, there was an above average amount of emergency callouts for frozen lines and meters. Eighteen to be exact. We also had a total of six water main breaks or failures due to the cold and dry conditions, all of which have since been repaired. From City Hall there were over twenty work orders, and a total of fifteen line locates. Two of which were service line replacements that eliminated two more bare steel service lines from the system. The construction of a three-hundred foot run of new gas and water service lines was completed at 5th Ave. & Spruce, along with a trench being cut at the airport for the installation of telecommunication lines for Vyve Broadband service.

In house, the crew has went through nearly eighteen-hundred gas book records for updates, and a more accurate count of bare steel lines. Both city owned and customer owned. Last week they also conducted our yearly Key Valve Inspection for the gas system. Credit must go to my distribution crew for their increased interest and diligence in helping me to obtain and record more accurate records for the system. The countless hours of record keeping and reports required for the gas department alone could not be done properly without the help of my crew. For that I am extremely grateful.

At the water plant, our new operator in training, Willie Mead, is performing very well. The speed in which he has learned to run the plant's daily operations has been exceptional. I have witnessed personally the amount of knowledge he has obtained and comprehends in the short time he has been there. He is currently enrolled in Water Treatment Plant Operations, Vol. I through the California State University of Sacramento, and has already tested on his first few chapters of the course. He has a long road ahead of him, but I am encouraged with his start down it. He will be attending, with myself, two upcoming conference classes which will begin to accumulate the amount of credit hours required for future certification testing. Also, I am looking at another individual within the city with the hopes of a second operator in training to come.

I have a long list of things I would like to have accomplished this year, and they will be reported to you as they are completed. As always, should any of you have any questions or doubts as to what is being done in my respective departments, I invite you to call me or drop by the shop. I would be more than happy to show you.

Sincerely,

Kenneth J. Amaya
Director of Gas and Water Utilities



Garnett Police Department

131 West 5th Avenue

Garnett, Kansas 66032-0230

Telephone
(785) 448-6823

Fax
(785) 448-0088

GPD Monthly Report for January 2018

1/9/18, GPD Detective, was conducting surveillance on a house in Garnett and observed a vehicle with a stolen license plate. GPD conducted a traffic stop on the vehicle and learned the vehicle was also stolen. During the stop, drug paraphernalia was also located. The driver was arrested in the incident. The case has been sent to the County Attorney's office for review.

1/9/18, Officer Donovan, attended 8 hours of training in Parsons, Kansas on dealing with mental health issues. This class covered how to talk, interact, respond and treat mental health issues LEO face on a day to day basis.

1/15/18, GPD along with the Special Response Team, conducted a high risk search warrant at a residence in Garnett for possible drug crimes after a month long investigation. Based on the occupants of the residence criminal history, the Coffey County Special Response team was utilized. GPD has two officers that are a part of that team. Several hours of preparation went into the planning stage of this operation to make sure citizens and Law Enforcement officers were safe. Several people were detained and this investigation is still ongoing at this time.

1/17/18, Officer Frazier attended 4 hours of training that covered the digital danger in today's world. This training detailed how a person's network is exposed and how information can be stolen without their proper knowledge.

1/24/18, GPD conducted a traffic stop after conducting surveillance on a residence and observing the driver of the vehicle was suspended. One adult male and one adult female were arrested for drug violations and for a felon being in possession of a firearm. The firearm was later reported stolen from an Anderson County residence. The victim didn't even know the gun was missing until GPD contacted the owner.

1/25/18, GPD recovered a stolen rifle which was stolen out of Wichita, Kansas. This case is still under investigation.

1/29/18, I attended training on "Leadership Coaching with Attitude." This class covered ways to coach staff and millennials to be an effective leader. It also covered ways to have the entire organization believe and understand the overall agenda of the organization.

For the month of January, GPD took a total of 133 calls for service, conducted 87 traffic stops, and had 14 calls of service for animal control.

Kurt King
Chief of Police

Garnett Police Department

131 W 5th, Garnett, KS 66032

Activity Totals

01/01/2018 - 01/31/2018

	All Arrests	Felony Arrests	Misd Arrests	Other Arrests	Summons	Traffic	Criminal	Supplement Report	Field Interview	Reports	Total Activity
Totals	10	2	6	2	55	47	7	51	6	18	204

January

Monthly Power Plant report

Changed Oil and Air filters on number 6 engine.

Cleaned Heat exchanger on number 7 engine

Started and ran engines 1-6-7

Still working on number 3 engine

Attended Day at the Capital

Attended KMEA Ex Board Meeting

Attended KMU Board Meeting

Attended KMEA EMP 1 Meeting

Updated Job Descriptions for all Power Plant employees

Working on our 5 yr. Plan

Bob Mills

Jan. – 2018 Report

Hayden lift-station was using an unusual amount of electricity, upon inspection, the Elect. Dept. found that one of the magnetic contactors would sometimes stick. Usually they stick and weld themselves together or won't contact at all. They installed a used one to get thing back to working.

After many months of waiting for parts, the anoxic mixer was repaired and installed (June of 2017-Jan.2018) in unit 2 and we should have everything back up and running normal in the next few weeks.

The 2006 International trash truck has been down for quite some time due to a bad engine, International quoted \$20,000 for the repair so the truck was parked. After talking to John Helms the Superintendent about the truck, it was found that we could buy a long block for around \$4500. I then had John contacted Jason Wettstein at the city shop to see if this was something he could do. Jason said as long as there was no programming needed and the rest of the parts were still useable he thought he could do the job. There may be some odds and ends of tools and parts needed. Thus, if everything goes well we should see a savings of \$12,000-\$14,000 more or less.

The Street Dept. has used almost one half of the salt supply so more was ordered, I am contacting other salt companies to see if contracting a said amount of salt would give us a better price. Right now most are swamped, and will send us a proposal at a later date. With the weather warming up, the street crew has started filling pot holes, the cold mix used doesn't always last, but they will continue with the patching until the weather warms and the holes can be sealed correctly. Also we are looking to see if there is a better cold patch out

there, though usually a better cold patch is much more costly, it may work out in the end. We will continue checking as the year progresses. The city repair shop has been busy this month with police cars and other department repairs. We are lucky to have our own shop and an employee who can run it.