

2018 August Summary

Bottom Line: Multiple agencies participated in monitoring Asian Carp in the upper Illinois Waterway downstream of the Electric Dispersal Barrier during August. **NO LIVE BIGHEAD CARP, BLACK CARP, GRASS CARP, OR SILVER CARP were found in any new locations immediately downstream of the Electric Dispersal Barrier.**

Fixed, Random, and Targeted Site Sampling Downstream of the Electric Dispersal Barrier

Electrofishing:

- Crews from Illinois Department of Natural Resources (IDNR) completed 24 electrofishing runs at fixed and random sites (6 hours total) in Dresden Island Pool and Marseilles Pool during August.
- They collected 1,460 fish representing 40 species and 1 hybrid group.
- **No Bighead Carp, Black Carp, Grass Carp, or Silver Carp were captured or observed in the Marseilles Pool or Dresden Island Pool during electrofishing.**

Hoop and Mini Fyke Netting:

- Crews from IDNR set and pulled 16 hoop nets and 16 mini fykes from fixed sites in Lockport, Brandon Road, Dresden Island and Marseilles Pools in July.
- Crews collected 44 fish representing 9 species during hoop net sampling and 689 fish representing 25 species and 1 hybrid group during mini fyke sampling.
- One Bighead Carp was collected above I-55 in Dresden Island during hoop net sampling.
- Two Silver Carp were collected during hoop net sampling in the Marseilles Pool.
- **No Bighead Carp, Black Carp, Grass Carp, or Silver Carp were reported, captured or observed during hoop net sampling in the Lockport or Brandon Road.**
- **No Bighead Carp, Black Carp, Grass Carp, or Silver Carp were reported, captured or observed during mini fyke sampling in any of the pools.**

Commercial Netting:

- Contracted commercial fishers along with assisting IDNR biologists set 16.5 miles of gill net at fixed and targeted sites in the Lockport, Brandon Road, and Dresden Island Pools (including Rock Run Rookery) in July.
- They collected 1,033 fish representing 14 species and 1 hybrid group.
- Six Bighead Carp and 63 Silver Carp were collected in Dresden Island Pool, downstream of I-55.
- No Bighead Carp or Silver Carp were collected above I-55 in Dresden Island during commercial netting
- **No Bighead Carp, Black Carp, Grass Carp, or Silver Carp were captured or observed in Lockport or Brandon Road Pools.**

Sampling results by pool below the electric dispersal barrier through July 2018, along with the same time period in 2016 and 2017 for comparison:

Lockport Pool

	2016	2017	2018
Yards of Net Fished	68,200	62,600	62,500
Miles of Net Fished	38.7	35.6	35.5
Hoop Net Nights	38.4	32.6	32.6
Mini Fyke Net Nights	18.8	17.7	16.9
Electrofishing Runs	83	92	27
Electrofishing Time (hrs)	20.8	23.0	6.8
Total Asian Carp (AC)	0	0	0
Tons of AC Harvested	0	0	0

Brandon Road Pool

	2016	2017	2018
Yards of Net Fished	63,850	70,200	63,000
Miles of Net Fished	32850.0	39.9	35.8
Hoop Net Nights	38.6	35.4	31.1
Mini Fyke Net Nights	19.0	19.6	14.7
Electrofishing Runs	91	95	24
Electrofishing Time (hrs)	22.8	23.8	6.0
Total Asian Carp (AC)	0	0	0
Tons of AC Harvested	0	0	0

Dresden Island Pool

	2016	2017	2018
Yards of Net Fished	59,900	72,300	133,300
Miles of Net Fished	34.0	41.1	75.7
Hoop Net Nights	39.1	327.4	28.3
Mini Fyke Net Nights	20.7	23.0	15.7
Electrofishing Runs	172	156	105
Electrofishing Time (hrs)	43.0	39.0	26.3
Asian Carp (AC) upstream I-55	11	27	4
AC downstream I-55	261	547	966
Total AC	272	574	970
Tons of AC Harvested	1.9	4.5	7.7
AC/1000 yds of gill net	4.0	7.6	7.3

Rock Run Rookery

	2016	2017	2018
Yards of Net Fished	32,250	27,850	29,400
Miles of Net Fished	18.3	15.8	16.7
Pound Net nights	0	0	4
Bighead Carp	122	186	59
Silver Carp	29	35	50
Total Asian Carp (AC)	151	221	109
Tons of AC Harvested	2.4	3.6	1.5
AC/1000 yds of gill net	4.7	7.9	3.7

Asian Carp Removal Project

Removal takes place specifically in the Marseilles and Starved Rock Pools. Below is a summary of all IDNR Barrier Defense activities through August 2018, along with the same time period in 2016 and 2017 for comparison:

	2016	2017	2018
Number of Days Fished	65	55	61
Number of Net Crew Days	406	319	313
Yards of Net Fished	356,995	284,910	253,900
Miles of Nets Fished	202.8	161.9	144.3
Number of Pound Net Nights	67	74	21
Number of Hoop Net Nights	768.7	879.8	1217.1
Number of Bighead Carp	6,535	2,587	2,718
Number of Silver Carp	79,792	84,859	79,703
Number of Grass Carp	453	674	783
Number of Asian Carp (AC)	86,780	88,120	83,204
Tons of AC Harvested	310.1	307.6	307.9
AC/1000 yds of gill net	228.3	259.6	310.1

Marseilles Pool

	2016	2017	2018
Yards of Net Fished	263,275	189,410	118,300
Miles of Nets Fished	149.6	107.6	67.2
Pound Net nights	20	35	15
Hoop Net nights	121.6	80.7	255.5
Mini Fyke Net Nights	18.0	19.4	15.7
Electrofishing Runs	116	100	97
Electrofishing Time (hrs)	29.0	25.0	24.3
Bighead Carp	4,633	1,401	1,291
Silver Carp	37,237	29,726	26,216

Grass Carp	85	56	34
Total Asian Carp	41,955	31,183	27,541
Tons of AC Harvested	183.1	135.3	131.0
AC/1000 yds of gill net	153.9	159.3	231.1

Starved Rock Pool

	2016	2017	2018
Yards of Net Fished	93,720	95,500	135,600
Miles of Nets Fished	53.2	54.3	77.0
Hoop Net nights	683.1	831.2	992.6
Bighead Carp	1,911	1,194	1,428
Silver Carp	43,427	55,563	53,562
Grass Carp	399	635	757
Total Asian Carp	45,737	57,392	55,747
Tons of AC Harvested	130.5	174.1	177.2
AC/1000 yds of gill net	437.2	458.5	379.0