Wisconsin Department of Natural Resources

Fish Management Bureau

Management Report Number 57

November, 1972

# MISSISSIPPI RIVER SPECIAL FALL TAILWATER SPORT FISHING CREEL CENSUS IN POOLS 7, 8, AND 9, OCTOBER 1, 1971 - NOVEMBER 30, 1971

Greg R. Mathson

Creel Census Clerk

West Central District

Kenneth J. Wright

Mississippi River Biologist

West Central District

TABLE OF CONTENTS


| | Page |
|---|---|
| Introduction | 1 |
| Description of the Areas | 1 |
| Methods | 1 |
| Results | 2 |
| Pool 7 | 2 |
| Pool 8 | 13 |
| Pool 9 | 45 |
| Pools 7, 8, and 9 Combined | 46 |

Tables

| | | |
|---|---|---|
| 1a. | Age composition of male anglers fishing Pools 7, 8, and 9 | 3 |
| 1b. | Age composition of female anglers fishing Pools 7, 8, and 9 | 3 |
| 2. | Age composition of anglers engaged in different types of fishing | 4 |
| 3a. | State and county of origin for anglers fishing Pool 7 tailwaters | 5 |
| 3b. | State and county of origin for anglers fishing Pool 8 tailwaters | 6 |
| 3c. | State and county of origin for anglers fishing Pool 9 tailwaters | 7 |
| 4. | Distances traveled by interviewed anglers fishing Pools 7, 8, and 9 | 8 |
| 5. | Summary of completed fishing trips by type of fishing in Pools 7, 8, and 9 | 9 |
| 6a. | Total projected number of hours spent fishing Pool 7 by type of fishing and month | 10 |
| 6b. | Total projected number of hours spent fishing Pool 8 by type of fishing and month | 10 |
| 6c. | Total projected number of hours spent fishing Pool 9 by type of fishing and month | 11 |
| 6d. | Total projected number of hours spent fishing all pools by type of fishing and month | 11 |
| 7. | Primary species sought by anglers fishing Pools 7, 8, and 9 | 12 |
| 8a. | Use of access sites by anglers interviewed in Pool 7 | 14 |
| 8b. | Use of access sites by anglers interviewed in Pool 8 | 14 |
| 8c. | Use of access sites by anglers interviewed in Pool 9 | 15 |
| 8d. | Use of access sites by anglers interviewed in Pools 7, 8, and 9 | 15 |
| 9. | Monthly catch per man-hour of fishing for Pools 7, 8, and 9 | 16 |
| 10. | Actual number of anglers by fishing methods and lures used in each pool | 17 |

| | | Page |
|---|---|---|
| 11a. | Actual catch per man-hour and number of fish caught by type of fishing on Pool 7 | 18 |
| 11b. | Actual catch per man-hour and number of fish caught by type of fishing on Pool 8 | 19 |
| 11c. | Actual catch per man-hour and number of fish caught by type of fishing on Pool 9 | 20 |
| 11d. | Actual catch per man-hour and number of fish caught by type of fishing on Pools 7, 8, and 9 | 21 |
| 12a. | Actual catch per man-hour and number of fish caught with various methods and lures in Pool 7 tailwaters | 22 |
| 12b. | Actual catch per man-hour and number of fish caught with various methods and lures in Pool 8 tailwaters | 25 |
| 12c. | Actual catch per man-hour and number of fish caught with various methods and lures in Pool 9 tailwaters | 28 |
| 12d. | Actual catch per man-hour and number of fish caught with various methods and lures in Pools 7, 8, and 9 tailwaters | 31 |
| 13a. | Projected catch of fish by type of fishing during each month in Pool 7 | 34 |
| 13b. | Projected catch of fish by type of fishing during each month in Pool 8 | 35 |
| 13c. | Projected catch of fish by type of fishing during each month in Pool 9 | 36 |
| 13d. | Projected catch of fish by type of fishing during each month in Pools 7, 8, and 9 | 37 |
| 14. | Length frequency of sauger caught with sonars in the tailwaters of Pools 7, 8, and 9 | 38 |
| 15. | Length frequency of walleye caught with sonars in the tailwaters of Pools 7, 8, and 9 | 39 |
| 16a. | Length frequency of walleye caught during the month of October in Pools 7, 8, and 9 | 40 |
| 16b. | Length frequency of sauger caught during the month of November in Pools 7, 8, and 9 | 41 |
| 17a. | Length frequency of walleye caught during the month of October in Pools 7, 8, and 9 | 42 |
| 17b. | Length frequency of walleye caught during the month of November in Pools 7, 8, and 9 | 43 |
| 18. | Some comparisons between the 1971 spring and fall tailwater sport fishery in Pool 7 | 48 |

Figures

| | | |
|---|---|---|
| 1. | General Mississippi River map | 50 |
| 2. | Creel census - cover sheet | 51 |
| 3. | Creel census - creel sheet | 52 |

## INTRODUCTION

A creel census was conducted in the tailwaters of Pools 7, 8, and 9 from October 1 to November 30, 1971 to assess the fall fishing pressure and success for walleye and sauger in the three pools. This survey was conducted under the auspices of the Fish Technical Section of the Upper Mississippi River Conservation Committee as part of a continuing evaluation of the sport fishery.1/

## DESCRIPTION OF THE AREAS

Pool 7 is twelve miles long and has an area of 13,600 acres. The pool is impounded by Lock and Dam 7 near Dresbach, Minnesota. The upper boundary of the pool is Lock and Dam 6 located at Trempealeau, Wisconsin. Towns located near this pool are Trempealeau and Onalaska, Wisconsin and Dresbach and Dakota, Minnesota.

Pool 8 extends from Lock and Dam 7, four miles above La Crosse, Wisconsin downstream to Lock and Dam 8 near Genoa, Wisconsin. This pool is 24 miles long and has an area of 21,900 acres. Cities and towns found along this pool are La Crosse, Stoddard, and Genoa, Wisconsin and La Crescent, Brownsville, and Reno, Minnesota.

Pool 9 is 31 miles long and has an area of 30,900 acres. This pool is impounded by Lock and Dam 9 near Lynxville, Wisconsin, with its upper boundary Lock and Dam 8 near Genoa, Wisconsin. Towns located along this pool are Victory, DeSoto, Ferryville, and Lynxville, Wisconsin and New Albin and Lansing, Iowa.

The rapid passage of water through the gates of the dams influences the navigation channel for a distance of approximately one-half mile downstream depending upon the volume of water passed. This area is classified as tailwater and is known to provide excellent angling for the larger game fish species.2/ It was in these tailwater areas that the 1971 fall sport fishery creel census was conducted.

## METHODS

The creel census clerk contacted fishermen in two tailwaters areas during an eight-hour work day, and recorded lengths of all walleye and sauger in the catch.

1/ The U.M.R.C.C. is an organization consisting of representatives from Minnesota, Wisconsin, Iowa, Illinois, and Missouri whose objectives are to facilitate cooperation in managing the natural resources of the Mississippi River from Austin, Minnesota to Carathersville, Missouri.

2/ Large game fish consist of walleye, sauger, northern pike, largemouth bass, and smallmouth bass.

To insure a uniform and random census, the work schedule included a combination of two consecutive days followed by one day off, with rotation between morning hours (7:45 a.m. - 11:45 p.m.) and afternoon hours (12:30 p.m. - 4:30 p.m.) and between pools.

The census was examined first by pool and then the three pools were summarized as a group. Comparisons between pools and spring and fall fisheries in Pool 7 were made.

The two major areas of interest are the angler and the catch, each of which is divided into several categories. The angler's sex, place of residence and distance traveled, nature of the fishing trip, total hours of fishing, fishing method, lure used, species sought, and access site used were examined. The catch analysis included the species caught, catch per man-hour by season, type of fishing, fishing method, type of lure used, projected catch by season and type of fishing, and length frequency of walleye and sauger. The influence of lure type on size of walleye and sauger taken was also examined. Also studied in this census was the impact of sonar[3] on the harvest of large game fish. Data concerning this bait is found in the discussion concerning the three pools combined.

## RESULTS

The above factors are discussed below in limited detail. The accompanying tables should be consulted for further information. Pertinent tables are grouped at the end of each section for reference.

### Pool 7

Of the three tailwaters censused, Pool 7 had the smallest number of anglers interviewed. A total of 465 anglers were contacted with male anglers comprising 89.5 percent of the total. Nearly 80 percent of the anglers were over 44 years old (Tables 1a - 1b).

Wisconsin residents comprised 57.8 percent of the anglers fishing Pool 7 tailwaters, Minnesota residents 12.0 percent, and other states 30.2 percent (Table 3a).

Of a projected total of 15,019 fishing hours, 55.5 percent were by boat, 8.3 percent from the bank, and 36.2 percent on a barge. Most of the fishing occurred during the month of October, accounting for 70.6 percent of the total pressure (Table 6a). Nearly all (97 percent) anglers contacted were seeking walleye and sauger (Table 7).

[3] Sonar is the trade name of a bait manufactured by Heddon.

Table 1a.

AGE COMPOSITION OF MALE ANGLERS FISHING POOLS 7, 8 AND 9

| Pool Number | | AGE BRACKET | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Under 12 | 12-15 | 16-17 | 18-24 | 25-34 | 35-44 | 45-64 | 65 and over | Total |
| Pool 7 | No. | 5 | 8 | 4 | 17 | 37 | 55 | 173 | 117 | 416 |
| | % | 1.2 | 1.9 | 1.0 | 4.1 | 8.9 | 13.2 | 41.6 | 28.1 | |
| Pool 8 | No. | 9 | 11 | 2 | 26 | 73 | 96 | 227 | 106 | 550 |
| | % | 1.6 | 2.0 | 0.4 | 4.7 | 13.3 | 17.5 | 41.2 | 19.3 | |
| Pool 9 | No. | 7 | 24 | 18 | 53 | 108 | 119 | 390 | 161 | 880 |
| | % | 0.8 | 2.7 | 2.0 | 6.0 | 12.3 | 13.5 | 44.4 | 18.3 | |
| All Pools Combined | No. | 21 | 43 | 24 | 96 | 218 | 270 | 790 | 384 | 1,846 |
| | % | 1.1 | 2.3 | 1.3 | 5.2 | 11.8 | 14.6 | 42.9 | 20.8 | |

Table 1b.

AGE COMPOSITION OF FEMALE ANGLERS FISHING POOLS 7, 8 AND 9

| Pool Number | | AGE BRACKET | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Under 12 | 12-15 | 16-17 | 18-24 | 25-34 | 35-44 | 45-64 | 65 and over | Total |
| Pool 7 | No. | - | - | - | 2 | 5 | 8 | 28 | 6 | 49 |
| | % | - | - | - | 4.1 | 10.2 | 16.3 | 57.2 | 12.2 | |
| Pool 8 | No. | 1 | - | - | 4 | 3 | 3 | 39 | 3 | 53 |
| | % | 1.9 | - | - | 7.5 | 5.7 | 5.7 | 73.5 | 5.7 | |
| Pool 9 | No. | - | 1 | - | 4 | 3 | 15 | 59 | 12 | 94 |
| | % | - | 1.1 | - | 4.3 | 3.2 | 15.0 | 62.6 | 12.8 | |
| All Pools Combined | No. | 1 | 1 | - | 10 | 11 | 26 | 126 | 21 | 196 |
| | % | 0.5 | 0.5 | - | 5.1 | 5.6 | 13.3 | 64.3 | 10.7 | |

Table 2.

AGE COMPOSITION OF ANGLERS ENGAGED IN DIFFERENT TYPES OF FISHING

| | | TYPE OF FISHING | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Boat Anglers | | Bank Anglers | | Barge Anglers | | All Types | |
| POOL NUMBER | SEX | No. | Avg. Age | No. | Avg. Age | No. | Avg. Age | No. | Avg. Age |
| Pool 7 | Male | 241 | 56.7 | 34 | 39.2 | 141 | 49.4 | 416 | 52.8 |
| | Female | 20 | 52.8 | 3 | 52.0 | 26 | 50.7 | 49 | 51.6 |
| | Combined | 261 | 56.4 | 37 | 40.2 | 167 | 49.6 | 465 | 52.7 |
| Pool 8 | Male | 506 | 48.7 | 25 | 44.5 | 19 | 49.7 | 550 | 48.5 |
| | Female | 44 | 49.3 | 4 | 50.0 | 5 | 47.2 | 53 | 49.2 |
| | Combined | 550 | 48.7 | 29 | 45.3 | 24 | 49.2 | 603 | 48.6 |
| Pool 9 | Male | 285 | 45.8 | 90 | 52.8 | 505 | 48.4 | 880 | 48.0 |
| | Female | 20 | 46.3 | 15 | 53.3 | 59 | 52.6 | 94 | 51.4 |
| | Combined | 305 | 45.8 | 105 | 52.9 | 564 | 48.8 | 974 | 48.3 |
| All Pools Combined | Male | 1,032 | 50.4 | 149 | 45.5 | 665 | 49.2 | 1,846 | 49.7 |
| | Female | 84 | 49.4 | 22 | 51.8 | 90 | 50.2 | 196 | 50.7 |
| | Combined | 1,116 | 50.3 | 171 | 48.6 | 755 | 49.7 | 2,042 | 50.2 |

Table 3a.

STATE AND COUNTY OF ORIGIN FOR ANGLERS FISHING POOL 7 TAILWATERS

| WISCONSIN | | | MINNESOTA | | | OTHER STATES | | |
|---|---|---|---|---|---|---|---|---|
| County | No. | Percent of Total | County | No. | Percent of Total | State | No. | Percent of Total |
| Bayfield | 2 | 0.4 | Mower | 4 | 0.9 | Illinois | 112 | 24.1 |
| Buffalo | 1 | 0.2 | Winona | 46 | 9.9 | Indiana | 4 | 0.9 |
| Dane | 1 | 0.2 | Hennepin | 2 | 0.4 | Iowa | 22 | 4.7 |
| Douglas | 1 | 0.2 | Ramsey | 2 | 0.4 | Others | 2 | 0.4 |
| Iowa | 1 | 0.2 | Others | 2 | 0.4 | | | |
| Jackson | 1 | 0.2 | | | | | | |
| Jefferson | 1 | 0.2 | | | | | | |
| Kenosha | 5 | 1.1 | | | | | | |
| La Crosse | 75 | 16.1 | | | | | | |
| Milwaukee | 47 | 10.1 | | | | | | |
| Monroe | 9 | 1.9 | | | | | | |
| Oneida | 1 | 0.2 | | | | | | |
| Racine | 26 | 5.6 | | | | | | |
| Richland | 1 | 0.2 | | | | | | |
| Rock | 11 | 2.4 | | | | | | |
| Trempealeau | 80 | 17.2 | | | | | | |
| Walworth | 6 | 1.3 | | | | | | |
| TOTAL | 269 | 57.8 | TOTAL | 56 | 12.0 | TOTAL | 140 | 30.2 |

Table 3b.

STATE AND COUNTY OF ORIGIN FOR ANGLERS FISHING POOL 8 TAILWATERS

| WISCONSIN | | | MINNESOTA | | | OTHER STATES | | |
|---|---|---|---|---|---|---|---|---|
| County | No. | Percent of Total | County | No. | Percent of Total | State | No. | Percent of Total |
| La Crosse | 327 | 54.2 | Fillmore | 2 | 0.3 | Illinois | 159 | 26.4 |
| Manitowoc | 1 | 0.2 | Houston | 21 | 3.5 | Indiana | 3 | 0.5 |
| Milwaukee | 4 | 0.7 | Hennepin | 3 | 0.5 | Iowa | 19 | 3.2 |
| Monroe | 42 | 7.0 | Olmstead | 1 | 0.2 | Michigan | 3 | 0.5 |
| Outagamie | 1 | 0.2 | | | | Others | 6 | 1.0 |
| Racine | 3 | 0.5 | | | | | | |
| Rock | 1 | 0.2 | | | | | | |
| Vernon | 3 | 0.5 | | | | | | |
| Wood | 3 | 0.5 | | | | | | |
| TOTAL | 385 | 63.8 | TOTAL | 27 | 4.5 | TOTAL | 191 | 31.7 |

Table 3c.

STATE AND COUNTY OF ORIGIN FOR ANGLERS FISHING POOL 9 TAILWATERS

| WISCONSIN | | | MINNESOTA | | | OTHER STATES | | |
|---|---|---|---|---|---|---|---|---|
| County | No. | Percent of Total | County | No. | Percent of Total | State | No. | Percent of Total |
| Clark | 2 | 0.2 | Winona | 1 | 0.1 | Illinois | 279 | 28.6 |
| Columbia | 2 | 0.2 | Other | 4 | 0.4 | Indiana | 5 | 0.5 |
| Crawford | 4 | 0.4 | | | | Iowa | 109 | 11.2 |
| Dane | 43 | 4.4 | | | | Michigan | 3 | 0.3 |
| Grant | 2 | 0.2 | | | | Others | 3 | 0.3 |
| Green | 18 | 1.8 | | | | | | |
| Iowa | 6 | 0.6 | | | | | | |
| Jackson | 1 | 0.1 | | | | | | |
| Jefferson | 3 | 0.3 | | | | | | |
| Kenosha | 8 | 0.8 | | | | | | |
| La Crosse | 115 | 11.8 | | | | | | |
| Lafayette | 5 | 0.5 | | | | | | |
| Milwaukee | 106 | 10.9 | | | | | | |
| Monroe | 9 | 0.9 | | | | | | |
| Outagamie | 1 | 0.1 | | | | | | |
| Racine | 76 | 7.8 | | | | | | |
| Richland | 46 | 4.7 | | | | | | |
| Rock | 16 | 1.6 | | | | | | |
| Sauk | 9 | 0.9 | | | | | | |
| Trempealeau | 1 | 0.1 | | | | | | |
| Vernon | 84 | 8.6 | | | | | | |
| Walworth | 2 | 0.2 | | | | | | |
| Waukesha | 7 | 0.7 | | | | | | |
| Winnebago | 1 | 0.1 | | | | | | |
| TOTAL | 567 | 58.2 | TOTAL | 5 | 0.5 | TOTAL | 402 | 41.3 |

Table 4.

DISTANCES TRAVELED BY INTERVIEWED ANGLERS FISHING POOLS 7, 8 AND 9

| POOL NUMBER | | MILEAGE ZONES | | | | | | | | | Total Anglers Interviewed |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Zone 1 Up to 25 | Zone 2 26-50 | Zone 3 51-75 | Zone 4 76-100 | Zone 5 101-125 | Zone 6 126-150 | Zone 7 151-250 | Zone 8 251-500 | Zone 9 Over 500 | |
| Pool 7 | No. | 199 | 15 | 2 | 10 | 19 | 15 | 202 | 1 | 2 | 465 |
| | % | 42.8 | 3.2 | 0.4 | 2.2 | 4.1 | 3.2 | 43.4 | 0.2 | 0.4 | |
| Pool 8 | No. | 353 | 45 | 13 | 6 | 6 | 2 | 165 | 9 | 4 | 603 |
| | % | 58.5 | 7.5 | 2.2 | 1.0 | 1.0 | 0.3 | 27.4 | 1.5 | 0.7 | |
| Pool 9 | No. | 188 | 91 | 21 | 147 | 48 | 79 | 391 | 8 | 1 | 974 |
| | % | 19.3 | 9.3 | 2.2 | 15.1 | 4.9 | 8.1 | 40.1 | 0.8 | 0.1 | |
| All Pools Combined | No. | 740 | 151 | 36 | 163 | 73 | 96 | 758 | 18 | 7 | 2,042 |
| | % | 36.2 | 7.4 | 1.7 | 8.0 | 3.5 | 4.7 | 37.2 | 0.9 | 0.4 | |

Table 5.

SUMMARY OF COMPLETED FISHING TRIPS BY TYPE OF FISHING POOLS 7, 8 AND 9

| POOL NUMBER | BOAT | | | BANK | | | BARGE | | | TOTAL FOR OPEN WATER | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Hours | Total Anglers | Avg. No. Hours | Total Hours | Total Anglers | Avg. No. Hours | Total Hours | Total Anglers | Avg. No. Hours | Total Hours | Total Anglers | Avg. No. Hours |
| Pool 7 | 22.0 | 7 | 3.1 | 4.0 | 1 | 4.0 | 0.0 | 0.0 | 0.0 | 26.8 | 8 | 3.3 |
| Pool 8 | 24.5 | 10 | 2.5 | 10.5 | 3 | 3.5 | 1.5 | 1 | 1.5 | 36.5 | 14 | 2.6 |
| Pool 9 | 76.5 | 18 | 4.3 | 0.0 | 0.0 | 0.0 | 11.0 | 3 | 3.7 | 87.5 | 21 | 4.2 |
| TOTAL | 123.0 | 35 | 3.5 | 14.5 | 4 | 3.6 | 12.5 | 4 | 3.1 | 150.0 | 43 | 3.5 |

Table 6a.

TOTAL PROJECTED NUMBER OF HOURS SPENT FISHING POOL 7 BY TYPE OF FISHING AND MONTH

| MONTH | TYPE OF FISHING | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Boat | | Bank | | Barge | | Total | |
| | No. Hours | Percent[1/] | No. Hours | Percent | No. Hours | Percent | No. Hours | Percent[2/] |
| October | 4,960 | 46.8 | 1,240 | 11.7 | 4,402 | 41.5 | 10,602 | 70.6 |
| November | 3,376 | 76.4 | 0 | 0 | 1,041 | 23.6 | 4,417 | 29.4 |
| Total Hours | 8,336 | 55.5[3/] | 1,240 | 8.3 | 5,443 | 36.2 | 15,019 | |

Table 6b.

TOTAL PROJECTED NUMBER OF HOURS SPENT FISHING POOL 8 BY TYPE OF FISHING AND MONTH

| MONTH | TYPE OF FISHING | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Boat | | Bank | | Barge | | Total | |
| | No. Hours | Percent[1/] | No. Hours | Percent | No. Hours | Percent | No. Hours | Percent[2/] |
| October | 11,983 | 87.5 | 940 | 6.9 | 779 | 5.7 | 13,702 | 69.0 |
| November | 6,168 | 100.0 | 0 | 0 | 0 | 0 | 6,168 | 31.0 |
| Total Hours | 18,151 | 91.3[3/] | 940 | 4.7 | 779 | 3.9 | 19,870 | |

Table 6c.

TOTAL PROJECTED NUMBER OF HOURS SPENT FISHING POOL 9 BY TYPE OF FISHING AND MONTH

| MONTH | TYPE OF FISHING | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Boat | | Bank | | Barge | | Total | |
| | No. Hours | Percent 1/ | No. Hours | Percent | No. Hours | Percent | No. Hours | Percent 2/ |
| October | 9,039 | 24.9 | 2,217 | 6.8 | 21,158 | 65.3 | 32,414 | 69.1 |
| November | 2,970 | 20.5 | 1,295 | 8.9 | 10,205 | 70.5 | 14,470 | 30.9 |
| Total Hours | 12,009 | 25.6 3/ | 3,512 | 7.5 | 31,363 | 66.9 | 46,884 | |

Table 6d.

TOTAL PROJECTED NUMBER OF HOURS SPENT FISHING ALL POOLS BY TYPE OF FISHING AND MONTH

| | TYPE OF FISHING | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Boat | | Bank | | Barge | | Total | |
| | No. Hours | Percent 1/ | No. Hours | Percent | No. Hours | Percent | No. Hours | Percent 2/ |
| October | 25,982 | 45.8 | 4,397 | 7.8 | 26,339 | 46.4 | 56,718 | 69.4 |
| November | 12,514 | 48.5 | 1,295 | 5.0 | 11,246 | 46.5 | 25,055 | 30.6 |
| Total Hours | 38,496 | 47.1 3/ | 5,692 | 6.9 | 37,585 | 46.0 | 81,773 | |

1/ Percentage by type of fishing for month
2/ Percentage by month for the two month period
3/ Percentage by type of fishing for the two month period

Table 7.

PRIMARY SPECIES SOUGHT BY ANGLERS FISHING POOLS 7, 8 AND 9

| SPECIES | POOL 7 | | POOL 8 | | POOL 9 | | SUMMARY FOR ALL POOLS | |
|---|---|---|---|---|---|---|---|---|
| | No. | % | No. | % | No. | % | No. | % |
| Northern Pike | 3 | 0.6 | - | - | 3 | 0.3 | 6 | 0.3 |
| Walleye | 451 | 97.0 | 575 | 95.4 | 941 | 96.6 | 1,967 | 96.3 |
| Walleye-Bass | - | - | 4 | 0.7 | 7 | 0.8 | 11 | 0.5 |
| Walleye-Catfish | 1 | 0.2 | 3 | 0.5 | - | - | 4 | 0.2 |
| Walleye-Crappie | 5 | 1.2 | 1 | 0.2 | - | - | 6 | 0.3 |
| Yellow Perch | 4 | 0.8 | - | - | - | - | 4 | 0.2 |
| White Bass | 1 | 0.2 | 8 | 1.3 | 1 | 0.1 | 10 | 0.4 |
| Black-White Crappie Combined | - | - | 3 | 0.4 | 3 | 0.3 | 6 | 0.3 |
| Crappie-Bass | - | - | 4 | 0.7 | - | - | 4 | 0.2 |
| Bluegill | - | - | 1 | 0.2 | - | - | 1 | 0.1 |
| Panfish | - | - | 2 | 0.3 | 16 | 1.6 | 18 | 0.9 |
| Any Species | - | - | 2 | 0.3 | 3 | 0.3 | 5 | 0.2 |
| TOTAL | 465 | | 603 | | 974 | | 2,042 | |

Both Pool 7 tailwater public access sites were located on the Wisconsin banks with the Trempealeau public landing used by all but two of 213 anglers using public landings. Private landings were used by 54.2 percent of the total anglers (Table 8a).

November was the most productive month, yielding a catch rate of 1.4050 fish per man-hour compared to 0.8450 fish per man-hour in October. The combined catch rate for October and November was 1.0120 fish per man-hour (Table 9).

Casting and still fishing were the only methods used. Still fishing was slightly more popular (52.7 percent of fishing hours) than casting (47.3 percent).

Live baits were used considerably more (68.1 percent of fishing time) than artificial baits (29.7 percent). A combination of live and artificial baits comprised the remaining 3.2 percent (Table 10).

The most abundant species in the catch was the sauger (77.6 percent). Walleye ranked next (9.7 percent) and white bass third (8.4 percent) (Table 11a).

Boat fishing was the most productive method (1.2909 fish per man-hour). Barge anglers followed with a rate of 0.8082 fish per man-hour and bank anglers caught fish at a 0.6721 fish per man-hour rate (Table 11a).

Still fishing produced a slightly higher rate (1.0742 fish per man-hour) than casting (0.9505 fish per man-hour). Live bait produced 0.9649 fish per man-hour, while artificials yielded a slightly higher 1.1214 fish per man-hour rate (Table 12a).

Projected data indicates that during October, 3,430 anglers fished 10,602 hours to catch 9,459 fish at a rate of 0.8453 fish per man-hour. November was a more productive month with a projected total of 1,191 anglers fishing 4,417 hours to catch 6,336 fish at a rate of 1.4047 fish per man-hour (Table 13a).

The average length of sauger caught during the month of October (12.2 inches) was slightly smaller than the November average (12.6 inches) (Table 16a - 16b).

Walleye from Pool 7 averaged 12.9 inches during both months (Table 17a - 17b).

Pool 8

A total of 603 anglers were interviewed on Pool 8. Male anglers made up 90.1 percent of the total. More than 60 percent of all Pool 8 anglers were over 44 years old (Table 1a - 1b).

Table 8a.

USE OF ACCESS SITES BY ANGLERS INTERVIEWED IN POOL 7

| WISCONSIN | | | TOTAL | | |
|---|---|---|---|---|---|
| Public Sites | No. | Percent | | No. | Percent |
| Trempealeau landing | 211 | 45.3 | All Public sites | 213 | 45.8 |
| Lytles | 2 | 0.5 | All Private sites | 252 | 54.2 |
| TOTAL | 213 | | | 465 | |

Table 8b.

USE OF ACCESS SITES BY ANGLERS INTERVIEWED IN POOL 8

| WISCONSIN | | | MINNESOTA | | | TOTAL | | |
|---|---|---|---|---|---|---|---|---|
| Public Sites | No. | Percent | Public Site | No. | Percent | | No. | Percent |
| Pettibone | 2 | .3 | Minnesota Hwy. landing | 272 | 45.1 | All Public sites | 333 | 55.2 |
| La Crosse Municipal | 23 | 3.8 | West Channel | 10 | 1.7 | All Private sites | 270 | 44.8 |
| Clinton Street | 18 | 3.0 | | - | - | | - | - |
| Upper Onalaska Federal landing | 8 | 1.3 | | - | - | | - | - |
| TOTAL | 51 | 8.4 | | 282 | 46.8 | | 603 | |

Table 8c.

USE OF ACCESS SITES BY ANGLERS INTERVIEWED IN POOL 9

| WISCONSIN | | | TOTAL | | |
|---|---|---|---|---|---|
| Public Site | No. | Percent | Sites | No. | Percent |
| Genoa Power Plant Landing | 240 | 24.6 | All Public Sites | 336 | 34.5 |
| Highway 35 Landing | 96 | 9.9 | All Private Sites | 638 | 65.5 |
| TOTAL | 336 | 34.5 | | 974 | |

Table 8d.

COMBINED USE OF ACCESS SITES BY INTERVIEWED ANGLERS FISHING POOLS 7, 8 AND 9

| | Number | Percent |
|---|---|---|
| TOTAL FOR ALL PUBLIC SITES: | 882 | 43.2 |
| TOTAL FOR ALL PRIVATE SITES: | 1,160 | 56.8 |
| TOTAL FOR ALL SITES: | 2,042 | |

Table 9.

MONTHLY CATCH PER MAN-HOUR OF FISHING FOR POOLS 7, 8 AND 9

| POOL NUMBER | MONTH | | AVERAGE |
|---|---|---|---|
| | October | November | |
| Pool 7 | 0.8450 | 1.4050 | 1.0120 |
| Pool 8 | 0.8020 | 1.1960 | 0.9074 |
| Pool 9 | 0.7660 | 1.1170 | 0.8792 |
| Average of all pools combined | 0.8040 | 1.2390 | 0.9145 |

Table 10.

ACTUAL NUMBER OF ANGLERS BY FISHING METHODS AND LURES USED IN EACH POOL

| METHOD AND LURE | POOL 7 | | POOL 8 | | POOL 9 | | TOTAL ALL POOLS | |
|---|---|---|---|---|---|---|---|---|
| Method | No. | % | No. | % | No. | % | No. | % |
| Casting | 220 | 47.3 | 304 | 50.4 | 484 | 49.7 | 1,008 | 49.4 |
| Still Fishing | 245 | 52.7 | 293 | 48.6 | 489 | 50.2 | 1,027 | 50.2 |
| Multiple | - | - | 6 | 1.0 | - | - | 6 | 0.3 |
| Unknown | - | - | - | - | 1 | 0.1 | 1 | 0.1 |
| TOTAL | 465 | | 603 | | 974 | | 2,042 | |
| Lure | | | | | | | | |
| Worms | - | - | 15 | 2.5 | 21 | 2.2 | 36 | 1.7 |
| Minnows | 315 | 67.7 | 319 | 52.9 | 524 | 53.8 | 1,158 | 56.7 |
| Other Live Bait | 1 | 0.2 | - | - | 4 | 0.4 | 5 | 0.3 |
| Multiple Live Bait | 1 | 0.2 | 6 | 1.0 | 19 | 2.0 | 26 | 1.3 |
| TOTAL LIVE BAIT | 317 | 68.1 | 340 | 56.4 | 568 | 58.3 | 1,225 | 60.0 |
| Jigs | 31 | 6.7 | 23 | 3.8 | 41 | 4.2 | 95 | 4.7 |
| Flies | 6 | 1.3 | 5 | 0.8 | 3 | 0.3 | 14 | 0.6 |
| Sonar | 95 | 20.4 | 185 | 30.7 | 295 | 30.3 | 575 | 28.2 |
| Other Artificial | 1 | 0.2 | 13 | 2.2 | 20 | 2.1 | 34 | 1.6 |
| TOTAL ARTIFICIAL | 133 | 29.7 | 226 | 37.5 | 359 | 56.9 | 718 | 35.1 |
| Multiple[1/] Lures and Artificial | 15 | 3.2 | 34 | 5.6 | 47 | 4.8 | 96 | 4.7 |
| Prepared Bait | - | - | 3 | 0.5 | - | - | 3 | 0.2 |
| TOTAL | 465 | | 603 | | 974 | | 2,042 | |

1/ Includes any combination of live and artificial baits used on the same line.

Table 11a.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT BY TYPE OF FISHING ON POOL 7

| SPECIES | BOAT | | BANK | | BARGE | | TOTAL | |
|---|---|---|---|---|---|---|---|---|
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | 1 | 0.0017 | - | - | - | - | 1 | 0.0008 |
| Northern Pike | - | - | - | - | 4 | 0.0068 | 4 | 0.0031 |
| White Bass | 43 | 0.0745 | 21 | 0.1721 | 46 | 0.0784 | 110 | 0.0856 |
| Yellow Perch | 3 | 0.0052 | - | - | - | - | 3 | 0.0023 |
| Sauger | 587 | 1.0172 | 51 | 0.4180 | 372 | 0.6343 | 1010 | 0.7856 |
| Walleye | 74 | 0.1282 | 7 | 0.0574 | 46 | 0.0784 | 127 | 0.0988 |
| Largemouth Bass | 2 | 0.0035 | 1 | 0.0082 | - | - | 3 | 0.0023 |
| Bluegill | 4 | 0.0069 | - | - | - | - | 4 | 0.0031 |
| Rock Bass | 1 | 0.0017 | - | - | - | - | 1 | 0.0008 |
| White Crappie | 5 | 0.0087 | - | - | 2 | 0.0034 | 7 | 0.0054 |
| Black Crappie | 16 | 0.0277 | - | - | - | - | 16 | 0.0124 |
| Freshwater Drum | 9 | 0.0156 | 2 | 0.0164 | 4 | 0.0068 | | |
| TOTAL FISH CAUGHT | 745 | 1.2909 | 82 | 0.6721 | 474 | 0.8082 | 1,301 | 1.0120 |
| TOTAL HOURS FISHED | 577.1 | | 122.0 | | 586.5 | | 1,285.6 | |

Table 11b.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT BY TYPE OF FISHING ON POOL 8

| SPECIES | BOAT | | BANK | | BARGE | | TOTAL | |
|---|---|---|---|---|---|---|---|---|
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | 3 | 0.0022 | - | - | - | - | 3 | 0.0020 |
| Flathead Catfish | 1 | 0.0007 | 1 | 0.0118 | - | - | 2 | 0.0013 |
| Northern Pike | 7 | 0.0052 | - | - | - | - | 7 | 0.0047 |
| White Bass | 102 | 0.0760 | 61 | 0.7176 | 18 | 0.2813 | 181 | 0.1214 |
| Yellow Perch | 1 | 0.0007 | - | - | - | - | 1 | 0.0007 |
| Sauger | 917 | 0.6833 | 12 | 0.1412 | 14 | 0.2188 | 943 | 0.6325 |
| Walleye | 166 | 0.1237 | 6 | 0.706 | 3 | 0.0469 | 175 | 0.1174 |
| Smallmouth Bass | - | - | 2 | 0.0235 | - | - | 2 | 0.0013 |
| Largemouth Bass | 6 | 0.0045 | 1 | 0.0118 | - | - | 7 | 0.0047 |
| Pumpkinseed Sunfish | - | - | 2 | 0.0235 | - | - | 2 | 0.0013 |
| Bluegill | - | - | 2 | 0.0235 | - | - | 2 | 0.0013 |
| Rock Bass | - | - | 1 | 0.0118 | 1 | 0.0156 | 2 | 0.0013 |
| White Crappie | 2 | 0.0015 | 7 | 0.0824 | 1 | 0.0156 | 10 | 0.0067 |
| Black Crappie | 3 | 0.0022 | 4 | 0.0471 | - | - | 7 | 0.0047 |
| Freshwater Drum | 4 | 0.0030 | - | - | 4 | 0.0625 | 8 | 0.0054 |
| Carp | - | - | 1 | 0.0118 | - | - | - | - |
| TOTAL FISH CAUGHT | 1,212 | | 100 | | 41 | | 1,353 | |
| | | 0.9031 | | 1.1765 | | 0.6406 | | 0.9074 |
| TOTAL HOURS FISHED | 1,342.0 | | 85.0 | | 64.0 | | 1,491.0 | |

Table 11c.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT BY TYPE OF FISHING ON POOL 9

| SPECIES | BOAT | | BANK | | BARGE | | TOTAL | |
|---|---|---|---|---|---|---|---|---|
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | 4 | 0.0043 | 7 | 0.0240 | 1 | 0.0005 | 12 | 0.0037 |
| Flathead Catfish | - | - | 2 | 0.0069 | - | - | 2 | 0.0006 |
| Northern Pike | 2 | 0.0021 | 2 | 0.0069 | 12 | 0.0059 | 16 | 0.0049 |
| White Bass | 36 | 0.0384 | 238 | 0.8165 | 91 | 0.0450 | 365 | 0.1123 |
| Yellow Perch | 2 | 0.0021 | 6 | 0.0206 | 3 | 0.0015 | 11 | 0.0034 |
| Sauger | 422 | 0.4501 | 150 | 0.5146 | 1,376 | 0.6807 | 1,948 | 0.5993 |
| Walleye | 98 | 0.1045 | 33 | 0.1132 | 279 | 0.1380 | 410 | 0.1261 |
| Smallmouth Bass | - | - | 1 | 0.0034 | - | - | 1 | 0.0003 |
| Largemouth Bass | 1 | 0.0011 | 1 | 0.0034 | 1 | 0.0005 | 3 | 0.0009 |
| Bluegill | 5 | 0.0053 | - | - | 1 | 0.0005 | 6 | 0.0018 |
| Rock Bass | 1 | 0.0011 | 1 | 0.0034 | - | - | 2 | 0.0006 |
| Black Crappie | 10 | 0.0107 | 18 | 0.0617 | 6 | 0.0030 | 34 | 0.0105 |
| White Crappie | 15 | 0.0160 | 1 | 0.0034 | 4 | 0.0020 | 20 | 0.0062 |
| Freshwater Drum | 10 | 0.0107 | 12 | 0.0412 | 3 | 0.0015 | 25 | 0.0077 |
| Carp | 1 | 0.0011 | 1 | 0.0034 | 1 | 0.0005 | 3 | 0.0009 |
| TOTAL FISH CAUGHT | 607 | 0.6475 | 473 | 1.6226 | 1,778 | 0.8795 | 2,858 | 0.8792 |
| TOTAL HOURS FISHED | 937.5 | | 291.5 | | 2,020.0 | | 3,249.0 | |

Table 11d.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT BY TYPE OF FISHING ON POOL 7, 8 AND 9 TAILWATERS

| SPECIES | BOAT | | BANK | | BARGE | | TOTAL | |
|---|---|---|---|---|---|---|---|---|
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | 8 | 0.0028 | 7 | 0.0140 | 1 | 0.0004 | 16 | 0.0026 |
| Flathead Catfish | 1 | 0.0004 | 3 | 0.0060 | - | - | 4 | 0.0007 |
| Northern Pike | 9 | 0.0031 | 2 | 0.0040 | 16 | 0.0060 | 27 | 0.0045 |
| White Bass | 181 | 0.0634 | 320 | 0.6419 | 155 | 0.0580 | 656 | 0.1088 |
| Yellow Perch | 6 | 0.0021 | 6 | 0.0120 | 3 | 0.0010 | 15 | 0.0025 |
| Sauger | 1,926 | 0.6742 | 213 | 0.4273 | 1,762 | 0.6594 | 3,901 | 0.6472 |
| Walleye | 338 | 0.1183 | 46 | 0.0923 | 328 | 0.1228 | 712 | 0.1181 |
| Smallmouth Bass | - | - | 3 | 0.0060 | - | - | 3 | 0.0005 |
| Largemouth Bass | 9 | 0.0031 | 3 | 0.0060 | 1 | 0.0004 | 13 | 0.0021 |
| Bluegill | 9 | 0.0031 | - | - | 1 | 0.0004 | 12 | 0.0020 |
| Pumpkinseed Sunfish | - | - | 2 | 0.0040 | - | - | 2 | 0.0005 |
| Rock Bass | 2 | 0.0007 | 2 | 0.0020 | 1 | 0.0004 | 5 | 0.0006 |
| Black Crappie | 29 | 0.0102 | 22 | 0.0441 | 6 | 0.0022 | 57 | 0.0095 |
| White Crappie | 22 | 0.0080 | 8 | 0.0160 | 7 | 0.0026 | 37 | 0.0063 |
| Freshwater Drum | 23 | 0.0081 | 14 | 0.0280 | 11 | 0.0041 | 48 | 0.0080 |
| Carp | 1 | 0.0004 | 2 | 0.0040 | 1 | 0.0004 | 4 | 0.0006 |
| TOTAL FISH CAUGHT | 2,565 | 0.8979 | 652 | 1.3076 | 2,293 | 0.8582 | 5,512 | 0.9145 |
| TOTAL HOURS FISHED | 2,856.6 | | 498.5 | | 2,670.5 | | 6,025.6 | |

Table 12a.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOL 7 TAILWATERS

| SPECIES | METHOD | | | | LURE | |
|---|---|---|---|---|---|---|
| | CASTING | | STILL FISHING | | MINNOWS | |
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | 1 | 0.0015 | - | - | - | - |
| Northern Pike | 1 | 0.0015 | 3 | 0.0047 | 4 | 0.043 |
| White Bass | 49 | 0.0757 | 61 | 0.0955 | 94 | 0.1006 |
| Yellow Perch | - | - | 3 | 0.0047 | 3 | 0.0032 |
| Sauger | 487 | 0.7527 | 523 | 0.8190 | 683 | 0.7309 |
| Walleye | 65 | 0.1005 | 62 | 0.0971 | 82 | 0.0877 |
| Largemouth Bass | 1 | 0.0015 | 2 | 0.0031 | 3 | 0.0032 |
| Bluegill | - | - | 4 | 0.0063 | 4 | 0.0043 |
| Rock Bass | - | - | 1 | 0.0016 | 1 | 0.0011 |
| White Crappie | 1 | 0.0015 | 6 | 0.0094 | 6 | 0.0064 |
| Black Crappie | 2 | 0.0031 | 14 | 0.0219 | 16 | 0.0171 |
| Freshwater Drum | 8 | 0.0124 | 7 | 0.0110 | 5 | 0.0054 |
| TOTAL FISH CAUGHT | 615 | 0.9505 | 686 | 1.0742 | 901 | 0.9642 |
| TOTAL HOURS FISHED | 647.0 | | 638.6 | | 934.5 | |

Table 12a. continued

| SPECIES | LURE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | OTHER LIVE BAIT | | MULT. LIVE BAIT | | TOTAL LIVE BAIT | | SONAR | | JIG | | FLY | |
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | - | - | - | - | - | - | 1 | 0.0049 | - | - | - | - |
| Northern Pike | - | - | - | - | 4 | 0.0043 | - | - | - | - | - | - |
| White Bass | - | - | - | - | 94 | 0.0999 | 2 | 0.0099 | 14 | 0.1546 | - | - |
| Yellow Perch | - | - | - | - | 3 | 0.0032 | - | - | - | - | - | - |
| Sauger | 2 | 1.3333 | 4 | 0.8000 | 689 | 0.7322 | 220 | 1.0859 | 47 | 0.5193 | 17 | 1.2592 |
| Walleye | - | - | - | - | 82 | 0.0871 | 31 | 0.1530 | 5 | 0.0552 | 4 | 0.2962 |
| Largemouth Bass | - | - | - | - | 3 | 0.0032 | - | - | - | - | - | - |
| Bluegill | - | - | - | - | 4 | 0.0043 | - | - | - | - | - | - |
| Rock Bass | - | - | - | - | 1 | 0.0011 | - | - | - | - | - | - |
| White Crappie | - | - | - | - | 6 | 0.0064 | - | - | 1 | 0.0110 | - | - |
| Black Crappie | - | - | - | - | 16 | 0.0170 | - | - | - | - | - | - |
| Freshwater Drum | - | - | 1 | 0.2000 | 6 | 0.0064 | 7 | 0.0346 | 1 | 0.0110 | - | - |
| TOTAL FISH CAUGHT | 2 | 1.3333 | 5 | 1.0000 | 908 | 0.9649 | 261 | 1.2883 | 68 | 0.7514 | 21 | 1.5556 |
| TOTAL HOURS FISHED | 1.5 | | 5.0 | | 941.0 | | 202.6 | | 90.5 | | 13.5 | |

Table 12a. continued

| SPECIES | LURE | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | OTHER ARTIFICIAL | | TOTAL ARTIFICIAL | | MULTIPLE LIVE AND ARTIFICIAL | | TOTAL | |
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | - | - | 1 | 0.0032 | - | - | 1 | 0.0008 |
| Northern Pike | - | - | - | - | - | - | 4 | 0.0031 |
| White Bass | - | - | 16 | 0.0513 | - | - | 110 | 0.0856 |
| Yellow Perch | - | - | - | - | - | - | 3 | 0.0023 |
| Sauger | - | - | 284 | 0.9100 | 37 | 1.1384 | 1,010 | 0.7856 |
| Walleye | - | - | 40 | 0.1282 | 5 | 0.1538 | 127 | 0.0988 |
| Largemouth Bass | - | - | - | - | - | - | 3 | 0.0023 |
| Bluegill | - | - | - | - | - | - | 4 | 0.0031 |
| Rock Bass | - | - | - | - | - | - | 1 | 0.0008 |
| White Crappie | - | - | 1 | 0.0032 | - | - | 7 | 0.0054 |
| Black Crappie | - | - | - | - | - | - | 16 | 0.0124 |
| Freshwater Drum | - | - | 8 | 0.0256 | 1 | 0.0307 | 15 | 0.0117 |
| TOTAL FISH CAUGHT | 0 | 0.000 | 350 | 1.1214 | 43 | 1.3231 | 1,301 | 1.0120 |
| TOTAL HOURS FISHED | 5.5 | | 312.1 | | 32.5 | | 1,285.6 | |

Table 12b.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOL 8 TAILWATERS

| SPECIES | METHOD | | | | | | LURE | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | CASTING | | STILL FISHING | | MULTIPLE METHODS | | WORMS | | MINNOWS | |
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | 1 | 0.0012 | 2 | 0.0030 | - | - | 1 | 0.0267 | 2 | 0.0025 |
| Flathead Catfish | 1 | 0.0012 | 1 | 0.0015 | - | - | 1 | 0.0267 | - | - |
| Northern Pike | 3 | 0.0037 | 4 | 0.0060 | - | - | - | - | 7 | 0.0086 |
| White Bass | 144 | 0.1788 | 37 | 0.0551 | - | - | 2 | 0.0533 | 115 | 0.1419 |
| Yellow Perch | - | - | 1 | 0.0015 | - | - | - | - | 1 | 0.0012 |
| Sauger | 490 | 0.6083 | 448 | 0.6672 | 5 | 0.3571 | 10 | 0.2667 | 473 | 0.5836 |
| Walleye | 89 | 0.1105 | 86 | 0.1281 | - | - | 4 | 0.1067 | 91 | 0.1123 |
| Smallmouth Bass | 1 | 0.0012 | 1 | 0.0015 | - | - | - | - | 1 | 0.0012 |
| Largemouth Bass | 7 | 0.0087 | - | - | - | - | - | - | 5 | 0.0062 |
| Pumpkinseed Sunfish | - | - | 2 | 0.0030 | - | - | 2 | 0.0533 | - | - |
| Bluegill | 1 | 0.0012 | 1 | 0.0015 | - | - | 1 | 0.0267 | 1 | 0.0012 |
| Rock Bass | 1 | 0.0012 | 1 | 0.0015 | - | - | 2 | 0.0533 | - | - |
| White Crappie | 3 | 0.0037 | 7 | 0.0104 | - | - | 6 | 0.1600 | 4 | 0.0049 |
| Black Crappie | 4 | 0.0050 | 3 | 0.0045 | - | - | 2 | 0.0533 | 4 | 0.0049 |
| Freshwater Drum | 5 | 0.0062 | 3 | 0.0045 | - | - | 3 | 0.0800 | 5 | 0.0062 |
| Carp | - | - | 1 | 0.0015 | - | - | - | - | 1 | 0.0012 |
| TOTAL FISH CAUGHT | 740 | 0.9311 | 598 | 0.8905 | 5 | 0.3571 | 34 | 0.9067 | 710 | 0.8760 |
| TOTAL HOURS FISHED | 805.5 | | 671.5 | | 14.0 | | 37.5 | | 810.5 | |

Table 12b. continued

| SPECIES | LURE | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | MULT. LIVE BAIT | | TOTAL LIVE BAIT | | SONAR | | JIG | | FLY | |
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | - | - | 3 | 0.0035 | - | - | - | - | - | - |
| Flathead Catfish | - | - | 1 | 0.0012 | 1 | 0.0022 | - | - | - | - |
| Northern Pike | - | - | 7 | 0.0081 | - | - | - | - | - | - |
| White Bass | 2 | 0.1667 | 119 | 0.1384 | 4 | 0.0089 | 53 | 1.0600 | - | - |
| Yellow Perch | - | - | 1 | 0.0012 | - | - | - | - | - | - |
| Sauger | 3 | 0.2500 | 486 | 0.5651 | 365 | 0.8111 | 17 | 0.3400 | 8 | 0.5714 |
| Walleye | - | - | 95 | 0.1105 | 54 | 0.1200 | 8 | 0.1600 | 1 | 0.0714 |
| Smallmouth Bass | - | - | 1 | 0.0012 | - | - | 1 | 0.0200 | - | - |
| Largemouth Bass | - | - | 5 | 0.0058 | - | - | - | - | - | - |
| Pumpkinseed Sunfish | - | - | 2 | 0.0023 | - | - | - | - | - | - |
| Bluegill | - | - | 2 | 0.0023 | - | - | - | - | - | - |
| Rock Bass | - | - | 2 | 0.0023 | - | - | - | - | - | - |
| White Crappie | - | - | 10 | 0.0116 | - | - | - | - | - | - |
| Black Crappie | - | - | 6 | 0.0070 | 1 | 0.0022 | - | - | - | - |
| Freshwater Drum | - | - | 8 | 0.0093 | - | - | - | - | - | - |
| Carp | - | - | 1 | 0.0012 | - | - | - | - | - | - |
| TOTAL FISH CAUGHT | 5 | 0.4167 | 749 | 0.8709 | 425 | 0.9444 | 79 | 1.5800 | 9 | 0.6429 |
| TOTAL HOURS FISHED | 12.0 | | 860.0 | | 450.0 | | 50.0 | | 14.0 | |

Table 12b. continued

| SPECIES | LURE | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | OTHER ARTIFICIAL | | TOTAL ARTIFICIAL | | MULTIPLE LIVE AND ARTIFICIAL | | PREPARED BAIT | | TOTAL | |
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | - | - | - | - | - | - | - | - | 3 | 0.0020 |
| Flathead Catfish | - | - | 1 | 0.0183 | - | - | - | - | 2 | 0.0013 |
| Northern Pike | - | - | - | - | - | - | - | - | 7 | 0.0047 |
| White Bass | 2 | 0.0597 | 59 | 0.1077 | 3 | 0.0379 | - | - | 181 | 0.1214 |
| Yellow Perch | - | - | - | - | - | - | - | - | 1 | 0.0007 |
| Sauger | 21 | 0.6268 | 411 | 0.7507 | 46 | 0.5822 | - | - | 943 | 0.6325 |
| Walleye | 5 | 0.1492 | 68 | 0.1242 | 12 | 0.1518 | - | - | 175 | 0.1174 |
| Smallmouth Bass | - | - | 1 | 0.0183 | - | - | - | - | 2 | 0.0013 |
| Largemouth Bass | 2 | 0.0597 | 2 | 0.0365 | - | - | - | - | 7 | 0.0047 |
| Pumpkinseed Sunfish | - | - | - | - | - | - | - | - | 2 | 0.0013 |
| Bluegill | - | - | - | - | - | - | - | - | 2 | 0.0013 |
| Rock Bass | - | - | - | - | - | - | - | - | 2 | 0.0013 |
| White Crappie | - | - | - | - | - | - | - | - | 10 | 0.0067 |
| Black Crappie | - | - | 1 | 0.0183 | - | - | - | - | 7 | 0.0047 |
| Freshwater Drum | - | - | - | - | - | - | - | - | 8 | 0.0054 |
| Carp | - | - | - | - | - | - | - | - | 1 | 0.0007 |
| TOTAL FISH CAUGHT | 30 | 0.8955 | 543 | 0.9918 | 61 | 0.7722 | 0 | 0.0000 | 1,353 | 0.9074 |
| TOTAL HOURS FISHED | 33.5 | | 547.5 | | 79.0 | | 4.5 | | 1,491.0 | |

Table 12c.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT
WITH VARIOUS METHODS AND LURES IN POOL 9 TAILWATERS

| SPECIES | METHOD | | | | LURE | | | |
|---|---|---|---|---|---|---|---|---|
| | CASTING | | STILL FISHING | | WORMS | | MINNOWS | |
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | 8 | 0.0049 | 4 | 0.0025 | 1 | 0.0155 | 5 | 0.0029 |
| Flathead Catfish | 1 | 0.0006 | 1 | 0.0006 | - | - | 2 | 0.0012 |
| Northern Pike | 14 | 0.0086 | 2 | 0.0012 | - | - | 3 | 0.0018 |
| White Bass | 261 | 0.1611 | 104 | 0.0639 | 23 | 0.3566 | 252 | 0.1474 |
| Yellow Perch | 6 | 0.0037 | 5 | 0.0031 | - | - | 6 | 0.0035 |
| Sauger | 900 | 0.5554 | 1,048 | 0.6429 | 10 | 0.1550 | 1,086 | 0.6351 |
| Walleye | 190 | 0.1172 | 219 | 0.1345 | 3 | 0.0465 | 182 | 0.1064 |
| Smallmouth Bass | 1 | 0.0006 | - | - | 1 | 0.0155 | - | - |
| Largemouth Bass | 2 | 0.0012 | 1 | 0.0006 | 1 | 0.0155 | 2 | 0.0012 |
| Bluegill | 1 | 0.0006 | 5 | 0.0031 | 5 | 0.0775 | - | - |
| Rock Bass | 1 | 0.0006 | 1 | 0.0006 | - | - | 2 | 0.0012 |
| White Crappie | 6 | 0.0037 | 14 | 0.0086 | 12 | 0.1860 | 5 | 0.0029 |
| Black Crappie | 10 | 0.0062 | 25 | 0.0147 | 3 | 0.0465 | 27 | 0.0158 |
| Freshwater Drum | 11 | 0.0068 | 14 | 0.0086 | 6 | 0.0930 | 9 | 0.0053 |
| Carp | 2 | 0.0012 | 1 | 0.0006 | 1 | 0.0155 | - | - |
| TOTAL FISH CAUGHT | 1,414 | 0.8726 | 1,444 | 0.8855 | 66 | 1.0233 | 1,581 | 0.9246 |
| TOTAL HOURS FISHED | 1,620.5 | | 1,628.5 | | 64.5 | | 1,710.0 | |

Table 12c. continued

| SPECIES | LURE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | OTHER LIVE BAIT | | MULT. LIVE BAIT | | TOTAL LIVE BAIT | | SONAR | | JIG | | FLY | |
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | - | - | 4 | 0.0559 | 10 | 0.0054 | 1 | 0.0010 | 1 | 0.0063 | - | - |
| Flathead Catfish | - | - | - | - | 2 | 0.0011 | - | - | - | - | - | - |
| Northern Pike | 1 | 0.1111 | - | - | 4 | 0.0022 | 9 | 0.0092 | 3 | 0.0189 | - | - |
| White Bass | - | - | 29 | 0.4056 | 304 | 0.1639 | 10 | 0.0103 | 45 | 0.2839 | - | - |
| Yellow Perch | - | - | 2 | 0.0280 | 8 | 0.0043 | 1 | 0.0010 | - | - | - | - |
| Sauger | 4 | 0.4444 | 31 | 0.4336 | 1,131 | 0.6097 | 619 | 0.6352 | 81 | 0.5110 | 11 | 1.0476 |
| Walleye | - | - | 4 | 0.0559 | 189 | 0.1019 | 174 | 0.1786 | 17 | 0.1072 | 4 | 0.3809 |
| Smallmouth Bass | - | - | - | - | 1 | 0.0005 | - | - | - | - | - | - |
| Largemouth Bass | - | - | - | - | 3 | 0.0016 | - | - | - | - | - | - |
| Bluegill | - | - | - | - | 5 | 0.0027 | - | - | - | - | - | - |
| Rock Bass | - | - | - | - | 2 | 0.0011 | - | - | - | - | - | - |
| White Crappie | - | - | - | - | 17 | 0.0092 | 1 | 0.0010 | 2 | 0.0126 | - | - |
| Black Crappie | - | - | - | - | 30 | 0.0162 | 1 | 0.0010 | 1 | 0.0063 | 1 | 0.0952 |
| Freshwater Drum | - | - | 6 | 0.0839 | 21 | 0.0113 | 2 | 0.0021 | 1 | 0.0063 | - | - |
| Carp | - | - | - | - | 1 | 0.0005 | 2 | 0.0021 | - | - | - | - |
| TOTAL FISH CAUGHT | 5 | 0.5556 | 76 | 1.0629 | 1,728 | 0.9315 | 820 | 0.8415 | 151 | 0.9527 | 16 | 1.5238 |
| TOTAL HOURS FISHED | 9.0 | | 71.5 | | 1,855.0 | | 974.5 | | 158.5 | | 10.5 | |

Table 12c. continued

| SPECIES | LURE | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | OTHER ARTIFICIAL | | TOTAL ARTIFICIAL | | MLT. LIVE &ART. | | TOTAL | |
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | - | - | 2 | 0.0020 | - | - | 12 | 0.0037 |
| Flathead Catfish | - | - | - | - | - | - | 2 | 0.0006 |
| Northern Pike | - | - | 12 | 0.0100 | - | - | 16 | 0.0049 |
| White Bass | 3 | 0.0606 | 58 | 0.0486 | 3 | 0.0148 | 365 | 0.1123 |
| Yellow Perch | - | - | 1 | 0.0010 | 2 | 0.0098 | 11 | 0.0034 |
| Sauger | 14 | 0.2828 | 725 | 0.6008 | 92 | 0.4543 | 1,948 | 0.5993 |
| Walleye | 8 | 0.1616 | 203 | 0.1702 | 18 | 0.0888 | 410 | 0.1261 |
| Smallmouth Bass | - | - | - | - | - | - | 1 | 0.0003 |
| Largemouth Bass | - | - | - | - | - | - | 3 | 0.0009 |
| Bluegill | - | - | - | - | 1 | 0.0049 | 6 | 0.0018 |
| Rock Bass | - | - | - | - | - | - | 2 | 0.0006 |
| White Crappie | - | - | 3 | 0.0030 | - | - | 20 | 0.0062 |
| Black Crappie | - | - | 3 | 0.0030 | 1 | 0.0049 | 34 | 0.0105 |
| Freshwater Drum | - | - | 3 | 0.0030 | 1 | 0.0049 | 25 | 0.0077 |
| Carp | - | - | 2 | 0.0020 | - | - | 3 | 0.0009 |
| TOTAL FISH CAUGHT | 25 | 0.5051 | 1,012 | 0.8436 | 118 | 0.5827 | 2,858 | 0.8792 |
| TOTAL HOURS FISHED | 49.5 | | 1,193.0 | | 201 | | 3,249.0 | |

Table 12d.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT
WITH VARIOUS METHODS AND LURES IN POOL 7, 8 AND 9 TAILWATERS

| SPECIES | METHOD | | | | | | LURE | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | CASTING | | STILL FISHING | | MULTIPLE METHODS | | WORMS | | MINNOWS | |
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | 10 | 0.0033 | 6 | 0.0020 | - | - | 2 | 0.0200 | 7 | 0.0020 |
| Flathead Catfish | 2 | 0.0007 | 2 | 0.0006 | - | - | 1 | 0.0100 | 2 | 0.0005 |
| Northern Pike | 18 | 0.0059 | 9 | 0.0031 | - | - | - | - | 14 | 0.0040 |
| White Bass | 454 | 0.1477 | 202 | 0.0687 | - | - | 25 | 0.2500 | 461 | 0.1334 |
| Yellow Perch | 6 | 0.0019 | 9 | 0.0031 | - | - | - | - | 10 | 0.0029 |
| Sauger | 1,877 | 0.6108 | 2,019 | 0.6870 | 5 | 0.3571 | 20 | 0.2000 | 2,242 | 0.6489 |
| Walleye | 344 | 0.1119 | 368 | 0.1252 | - | - | 7 | 0.0700 | 355 | 0.1027 |
| Smallmouth Bass | 2 | 0.0007 | 1 | 0.0003 | - | - | 1 | 0.0098 | 1 | 0.0003 |
| Largemouth Bass | 10 | 0.0033 | 3 | 0.0010 | - | - | 1 | 0.0098 | 10 | 0.0029 |
| Pumpkinseed Sunfish | - | - | 2 | 0.0006 | - | - | 2 | 0.0200 | - | - |
| Bluegill | 2 | 0.0007 | 10 | 0.0030 | - | - | 6 | 0.0600 | 5 | 0.0015 |
| Rock Bass | 2 | 0.0007 | 3 | 0.0010 | - | - | 2 | 0.0200 | 3 | 0.0009 |
| White Crappie | 10 | 0.0033 | 27 | 0.0092 | - | - | 18 | 0.1800 | 15 | 0.0043 |
| Black Crappie | 16 | 0.0052 | 41 | 0.1400 | - | - | 5 | 0.0500 | 47 | 0.0136 |
| Freshwater Drum | 24 | 0.0078 | 24 | 0.0080 | - | - | 9 | 0.0900 | 19 | 0.0055 |
| Carp | 2 | 0.0007 | 2 | 0.0006 | - | - | 1 | 0.0098 | 1 | 0.0003 |
| TOTAL FISH CAUGHT | 2,779 | 0.0946 | 2,728 | 0.9283 | 5 | 0.3571 | 100 | 0.9804 | 3,190 | 0.9237 |
| TOTAL HOURS FISHED | 3,073.0 | | 2,938.6 | | 14.0 | | 102.0 | | 3,455.0 | |

Table 12d. continued

| SPECIES | LURE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | OTHER LIVE BAIT | | MULT. LIVE BAIT | | TOTAL LIVE BAIT | | SONAR | | JIG | | FLY | |
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | - | - | 4 | 0.0452 | 13 | 0.0036 | 2 | - | 1 | 0.0034 | - | - |
| Flathead Catfish | - | - | - | - | 3 | 0.0008 | 1 | - | - | - | - | - |
| Northern Pike | 1 | 0.0953 | - | - | 15 | 0.0041 | 9 | - | 3 | 0.0100 | - | - |
| White Bass | - | - | 31 | 0.3503 | 517 | 0.1414 | 16 | - | 112 | 0.3746 | - | - |
| Yellow Perch | - | - | 2 | 0.0226 | 12 | 0.0033 | 1 | - | - | - | - | - |
| Sauger | 6 | 0.5714 | 38 | 0.4294 | 2,306 | 0.6307 | 1,204 | - | 145 | 0.4849 | 36 | 0.9474 |
| Walleye | - | - | 4 | 0.0452 | 366 | 0.1001 | 259 | - | 30 | 0.1003 | 9 | 0.2368 |
| Smallmouth Bass | - | - | - | - | 2 | 0.0006 | - | - | 1 | 0.0034 | - | - |
| Largemouth Bass | - | - | - | - | 11 | 0.0031 | - | - | - | - | - | - |
| Pumpkinseed Sunfish | - | - | - | - | 2 | 0.0005 | - | - | - | - | - | - |
| Bluegill | - | - | - | - | 11 | 0.0031 | - | - | - | - | - | - |
| Rock Bass | - | - | - | - | 4 | 0.0011 | - | - | - | - | - | - |
| White Crappie | - | - | - | - | 33 | 0.0090 | 1 | - | 3 | 0.0100 | - | - |
| Black Crappie | - | - | - | - | 52 | 0.0142 | 2 | - | 1 | 0.0034 | 1 | 0.0263 |
| Freshwater Drum | - | - | 7 | 0.0791 | 35 | 0.0096 | 9 | - | 2 | 0.0067 | - | - |
| Carp | - | - | - | - | 2 | 0.0006 | 2 | - | - | - | - | - |
| TOTAL FISH CAUGHT | 7 | 0.6667 | 86 | 0.9718 | 3,385 | 0.9258 | 1,506 | - | 298 | 0.9967 | 46 | 1.2105 |
| TOTAL HOURS FISHED | 10.5 | | 88.5 | | 3,656.0 | | 1,627.1 | | 299.0 | | 38.0 | |

Table 12d. continued

| SPECIES | LURE | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | OTHER ARTIFICIAL | | TOTAL ARTIFICIAL | | MULTIPLE LIVE AND ARTIFICIAL | | PREPARED | | TOTAL | |
| | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour | No. Fish | Fish Per Man-Hour |
| Channel Catfish | - | - | 3 | 0.0015 | - | - | - | - | 16 | 0.0026 |
| Flathead Catfish | - | - | 1 | 0.0005 | - | - | - | - | 4 | 0.0007 |
| Northern Pike | - | - | 12 | 0.0058 | - | - | - | - | 27 | 0.0045 |
| White Bass | 5 | 0.0602 | 133 | 0.0648 | 6 | 0.0192 | - | - | 656 | 0.1088 |
| Yellow Perch | - | - | 1 | 0.0005 | 2 | 0.0064 | - | - | 15 | 0.0025 |
| Sauger | 35 | 0.4217 | 1,420 | 0.6918 | 175 | 0.5600 | - | - | 3,901 | 0.6472 |
| Walleye | 13 | 0.1568 | 311 | 0.1515 | 35 | 0.1120 | - | - | 712 | 0.1181 |
| Smallmouth Bass | - | - | 1 | 0.0005 | - | - | - | - | 3 | 0.0005 |
| Largemough Bass | 2 | 0.0240 | 2 | 0.0010 | - | - | - | - | 13 | 0.0021 |
| Pumpkinseed Sunfish | - | - | - | - | - | - | - | - | 2 | 0.0005 |
| Bluegill | - | - | - | - | 1 | 0.0032 | - | - | 12 | 0.0020 |
| Rock Bass | - | - | - | - | - | - | - | - | 5 | 0.0006 |
| White Crappie | - | - | 4 | 0.0019 | - | - | - | - | 37 | 0.0063 |
| Black Crappie | - | - | 4 | 0.0019 | 1 | 0.0032 | - | - | 57 | 0.0095 |
| Freshwater Drum | - | - | 11 | 0.0054 | 2 | 0.0064 | - | - | 48 | 0.0080 |
| Carp | - | - | 2 | 0.0010 | - | - | - | - | 4 | 0.0006 |
| TOTAL FISH CAUGHT | 55 | 0.6627 | 1,905 | 0.9281 | 222 | 0.7104 | 0 | 0.0000 | 5,512 | 0.9145 |
| TOTAL HOURS FISHED | 88.5 | | 2,052.6 | | 312.5 | | 4.5 | | 6,025.6 | |

Table 13a.

PROJECTED CATCH OF FISH BY TYPE OF FISHING DURING EACH MONTH IN POOL 7

| SPECIES | OCTOBER | | | | NOVEMBER | | | | TOTAL FOR OCTOBER & NOVEMBER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boat | Bank | Barge | Total | Boat | Bank | Barge | Total | Boat | Bank | Barge | Grand Total |
| Channel Catfish | 15 | - | - | 15 | - | - | - | - | 15 | - | - | 15 |
| White Bass | 603 | 213 | 297 | 1,113 | 53 | - | 123 | 176 | 656 | 213 | 420 | 1,289 |
| Yellow Perch | 15 | - | - | 15 | 26 | - | - | 26 | 41 | - | - | 41 |
| Sauger | 4,285 | 518 | 2,450 | 7,253 | 4,080 | - | 955 | 5,035 | 8,365 | 518 | 3,405 | 12,288 |
| Walleye | 340 | 71 | 249 | 660 | 684 | - | 165 | 849 | 1,024 | 71 | 414 | 1,509 |
| Largemouth Bass | - | 10 | - | 10 | 26 | - | - | 26 | 26 | 10 | - | 36 |
| Bluegill | 62 | - | - | 62 | - | - | - | - | 62 | - | - | 62 |
| Rock Bass | 15 | - | - | 15 | - | - | - | - | 15 | - | - | 15 |
| White Crappie | 15 | - | 19 | 34 | 53 | - | - | 53 | 68 | - | 19 | 87 |
| Black Crappie | 47 | - | - | 47 | 171 | - | - | 171 | 218 | - | - | 218 |
| Northern Pike | - | - | 38 | 38 | - | - | - | - | - | - | 38 | 38 |
| Freshwater Drum | 139 | 20 | 38 | 197 | - | - | - | - | 139 | 20 | 38 | 197 |
| PROJECTED NUMBER OF FISHERMEN | 1,653 | 310 | 1,467 | 3,430 | 844 | - | 347 | 1,191 | 2,497 | 310 | 2,807 | 5,614 |
| PROJECTED NUMBER OF FISH | 5,536 | 832 | 3,091 | 9,459 | 5,093 | - | 1,243 | 6,336 | 10,629 | 832 | 4,334 | 15,795 |
| PROJECTED HOURS FISHED | 4,960 | 1,240 | 4,402 | 10,602 | 3,376 | - | 1,041 | 4,417 | 8,336 | 1,240 | 5,443 | 15,019 |
| PROJECTED FISH PER HOUR | 1.1167 | 0.6721 | 0.7022 | 0.8453 | 1.5088 | - | 1.1937 | 1.4047 | 1.3127 | 0.6721 | 0.9480 | 1.0517 |

Table 13b.

PROJECTED CATCH OF FISH BY TYPE OF FISHING DURING EACH MONTH IN POOL 8

| SPECIES | OCTOBER | | | | NOVEMBER | | | | TOTAL FOR OCTOBER & NOVEMBER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boat | Bank | Barge | Total | Boat | Bank | Barge | Total | Boat | Bank | Barge | Grand Total |
| Channel Catfish | 38 | - | - | 38 | - | - | - | - | 38 | | | 38 |
| Flathead Catfish | 13 | 11 | - | 24 | - | - | - | - | 13 | 11 | - | 24 |
| Northern Pike | 38 | - | - | 38 | 62 | - | - | 62 | 100 | - | - | 100 |
| White Bass | 1,155 | 675 | 219 | 2,049 | 170 | - | - | 170 | 1,325 | 675 | 219 | 2,219 |
| Yellow Perch | 13 | - | - | 13 | - | - | - | - | 13 | - | - | 13 |
| Sauger | 7,006 | 133 | 170 | 7,309 | 5,657 | - | - | 5,657 | 12,663 | 133 | 170 | 12,966 |
| Walleye | 889 | 66 | 37 | 992 | 1,488 | - | - | 1,488 | 2,377 | 66 | 37 | 2,480 |
| Smallmouth Bass | - | 22 | - | 22 | - | - | - | - | - | 22 | - | 22 |
| Largemouth Bass | 77 | 11 | - | 88 | - | - | - | - | 77 | 11 | - | 88 |
| Pumpkinseed Sunfish | - | 22 | - | 22 | - | - | - | - | - | 22 | - | 22 |
| Bluegill | - | 22 | - | 22 | - | - | - | - | - | 22 | - | 22 |
| Rock Bass | - | 11 | 12 | 23 | - | - | - | - | - | 11 | 12 | 23 |
| White Crappie | 25 | 77 | 12 | 114 | - | - | - | - | 25 | 77 | 12 | 114 |
| Black Crappie | 38 | 44 | - | 82 | - | - | - | - | 38 | 44 | - | 82 |
| Freshwater Drum | 50 | - | 49 | 99 | - | - | - | - | 50 | - | 49 | 99 |
| Carp | - | 11 | - | 11 | - | - | - | - | - | 11 | - | 11 |
| PROJECTED NUMBER OF FISHERMEN | 5,326 | 269 | 519 | 6,114 | 2,467 | - | - | 2,467 | 7,793 | 269 | 519 | 8,581 |
| PROJECTED NUMBER OF FISH | 9,342 | 1,105 | 499 | 10,946 | 7,377 | - | - | 7,377 | 16,719 | 1,105 | 499 | 18,323 |
| PROJECTED HOURS FISHED | 11,983 | 940 | 779 | 13,702 | 6,168 | - | - | 6,168 | 18,151 | 940 | 779 | 19,870 |
| PROJECTED FISH PER HOUR | 0.7797 | 1.1765 | 0.6406 | 0.8024 | 1.1960 | - | - | 1.1960 | 0.9211 | 1.1765 | 0.6406 | 0.9221 |

Table 13c.

PROJECTED CATCH OF FISH BY TYPE OF FISHING DURING EACH MONTH IN POOL 9

| SPECIES | OCTOBER | | | | NOVEMBER | | | | TOTAL FOR OCTOBER & NOVEMBER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boat | Bank | Barge | Total | Boat | Bank | Barge | Total | Boat | Bank | Barge | Grand Total |
| Channel Catfish | 51 | 76 | 17 | 144 | - | - | - | - | 51 | 76 | 17 | 144 |
| Flathead Catfish | - | 22 | - | 22 | - | - | - | - | - | 22 | - | 22 |
| Northern Pike | 25 | 11 | 165 | 201 | - | 15 | 28 | 43 | 25 | 26 | 193 | 244 |
| White Bass | 445 | 2,038 | 1,350 | 3,833 | 13 | 744 | 125 | 882 | 458 | - | 1,475 | 4,715 |
| Yellow Perch | 25 | 33 | 49 | 107 | - | 45 | - | 45 | 25 | 78 | 49 | 152 |
| Sauger | 3,077 | 1,225 | 11,978 | 16,280 | 2,360 | 551 | 8,991 | 11,902 | 5,437 | 1,776 | 20,969 | 28,182 |
| Walleye | 725 | 217 | 1,530 | 2,472 | 538 | 193 | 2,581 | 3,312 | 1,263 | 410 | 4,111 | 5,784 |
| Smallmouth Bass | - - | 11 | - | 11 | - | - | - | - | - | 11 | - | 11 |
| Largemouth Bass | 13 | 11 | 17 | 41 | - | - | - | - | 13 | 11 | 17 | 41 |
| Bluegill | 63 | - | 17 | 80 | - | - | - | - | 63 | - | 17 | 80 |
| Rock Bass | 13 | 11 | - | 24 | - | - | - | - | 13 | 11 | - | 24 |
| White Crappie | 191 | 11 | 66 | 268 | - | - | - | - | 191 | 11 | 66 | 268 |
| Black Crappie | 127 | 195 | 83 | 405 | - | - | 14 | 14 | 127 | 195 | 97 | 419 |
| Freshwater Drum | 127 | 130 | 49 | 306 | - | - | - | - | 127 | 130 | 49 | 306 |
| Carp | 13 | 11 | 17 | 41 | - | - | - | - | 13 | 11 | 17 | 41 |
| PROJECTED NUMBER OF FISHERMEN | 2,127 | 1,143 | 4,978 | 8,248 | 743 | 370 | 4,082 | 5,195 | 2,870 | 1,513 | 9,060 | 13,443 |
| PROJECTED NUMBER OF FISH | 4,895 | 4,002 | 15,338 | 24,235 | 2,911 | 1,548 | 11,739 | 16,198 | 7,806 | 5,550 | 27,077 | 40,433 |
| PROJECTED HOURS FISHED | 9,039 | 2,217 | 21,158 | 32,414 | 2,970 | 1,295 | 10,205 | 14,470 | 12,009 | 4,512 | 31,363 | 47,884 |
| PROJECTED FISH PER HOUR | 0.5415 | 1.8044 | 0.7247 | 0.7477 | 0.9801 | 1.1954 | 1.1502 | 1.1194 | 0.6500 | 1.2300 | 0.8633 | 0.8446 |

Table 13d.

PROJECTED CATCH OF FISH BY TYPE OF FISHING DURING EACH MONTH IN POOLS 7, 8 AND 9

| SPECIES | OCTOBER | | | | NOVEMBER | | | | TOTAL FOR OCTOBER & NOVEMBER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boat | Bank | Barge | Total | Boat | Bank | Barge | Total | Boat | Bank | Barge | Total |
| Channel Catfish | 104 | 76 | 17 | 197 | - | - | - | - | 104 | 76 | 17 | 197 |
| Flathead Catfish | 13 | 33 | - | 46 | - | - | - | - | 13 | 33 | - | 46 |
| Northern Pike | 63 | 11 | 203 | 277 | 62 | 15 | 28 | 105 | 125 | 26 | 231 | 382 |
| White Bass | 2,203 | 2,926 | 1,866 | 6,995 | 236 | 744 | 248 | 1,228 | 2,439 | 3,670 | 2,114 | 8,223 |
| Yellow Perch | 53 | 33 | 49 | 135 | 26 | 45 | - | 71 | 79 | 78 | 49 | 206 |
| Sauger | 14,368 | 1,876 | 14,598 | 30,842 | 12,097 | 551 | 9,946 | 22,594 | 26,465 | 2,427 | 24,544 | 53,436 |
| Walleye | 1,954 | 354 | 1,816 | 4,124 | 2,710 | 193 | 2,746 | 5,649 | 4,664 | 547 | 4,562 | 9,773 |
| Smallmouth Bass | - | 33 | - | 33 | - | - | - | - | - | 33 | - | 33 |
| Largemouth Bass | 90 | 32 | 17 | 139 | 26 | - | - | 26 | 116 | 32 | 17 | 165 |
| Bluegill | 125 | 22 | 17 | 164 | - | - | - | - | 125 | 22 | 17 | 164 |
| Rock Bass | 28 | 22 | 12 | 62 | - | - | - | - | 28 | 22 | 12 | 62 |
| Pumpkinseed Sunfish | - | 22 | - | 22 | - | - | - | - | - | 22 | - | 22 |
| White Crappie | 231 | 88 | 97 | 416 | 53 | - | - | 53 | 284 | 88 | 97 | 469 |
| Black Crappie | 212 | 239 | 83 | 534 | 171 | - | 14 | 185 | 383 | 239 | 97 | 719 |
| Freshwater Drum | 316 | 150 | 136 | 638 | - | - | - | - | 316 | 150 | 136 | 602 |
| Carp | 13 | 22 | 17 | 52 | - | - | - | - | 13 | 22 | 17 | 52 |
| PROJECTED NUMBER OF FISHERMEN | 9,106 | 1,722 | 6,964 | 17,792 | 4,054 | 370 | 4,429 | 8,853 | 13,160 | 2,092 | 12,386 | 27,638 |
| PROJECTED NUMBER OF FISH | 19,773 | 5,939 | 18,928 | 44,640 | 15,381 | 1,548 | 12,982 | 29,911 | 35,154 | 7,487 | 31,910 | 74,551 |
| PROJECTED HOURS FISHED | 25,982 | 4,397 | 26,339 | 56,718 | 12,514 | 1,295 | 11,246 | 25,055 | 38,496 | 6,692 | 37,585 | 82,773 |
| PROJECTED FISH PER HOUR | 0.7610 | 1.3507 | 0.7186 | 0.7871 | 1.2291 | 1.1954 | 1.1544 | 1.1938 | 0.9132 | 1.1188 | 0.8490 | 0.9007 |

Table 14.

LENGTH FREQUENCY OF SAUGER CAUGHT WITH SONARS IN THE TAILWATERS OF POOLS 7, 8 AND 9

| LENGTH (INCHES) | POOL 7 | POOL 8 | POOL 9 | TOTAL ALL POOLS |
|---|---|---|---|---|
| 9.0 - 9.9 | 5 | 1 | 5 | 11 |
| 10.0 - 10.9 | 37 | 19 | 26 | 82 |
| 11.0 - 11.9 | 56 | 45 | 69 | 181 |
| 12.0 - 12.9 | 56 | 101 | 107 | 274 |
| 13.0 - 13.9 | 33 | 90 | 137 | 262 |
| 14.0 - 14.9 | 20 | 72 | 167 | 261 |
| 15.0 - 15.9 | 13 | 25 | 76 | 116 |
| 16.0 - 16.9 | - | 6 | 21 | 27 |
| 17.0 - 17.9 | - | 3 | 5 | 8 |
| 18.0 - 18.9 | - | 3 | 3 | 6 |
| 19.0 - 19.9 | - | - | 3 | 3 |
| 20.0 - 20.9 | - | - | - | - |
| TOTAL | 220 | 365 | 619 | 1,204 |
| AVERAGE LENGTH | 12.4 | 13.3 | 13.6 | 13.1 |
| AVERAGE LENGTH OF SAUGER TAKEN BY OTHER METHODS | 12.4 | 13.1 | 13.0 | 12.8 |

Table 15.

LENGTH FREQUENCY OF WALLEYE CAUGHT WITH SONARS IN THE TAILWATERS OF POOLS 7, 8 AND 9

| LENGTH (INCHES) | POOL 7 | POOL 8 | POOL 9 | TOTAL ALL POOLS |
|---|---|---|---|---|
| 9.0 - 9.9 | - | - | 1 | 1 |
| 10.0 - 10.9 | 3 | 2 | 1 | 6 |
| 11.0 - 11.9 | 6 | 2 | 4 | 12 |
| 12.0 - 12.9 | 6 | 10 | 38 | 54 |
| 13.0 - 13.9 | 4 | 8 | 30 | 42 |
| 14.0 - 14.9 | 4 | 14 | 31 | 49 |
| 15.0 - 15.9 | 2 | 6 | 12 | 20 |
| 16.0 - 16.9 | 3 | 6 | 23 | 32 |
| 17.0 - 17.9 | - | 3 | 14 | 17 |
| 18.0 - 18.9 | 2 | 2 | 6 | 10 |
| 19.0 - 19.9 | - | - | 4 | 4 |
| 20.0 - 20.9 | - | 1 | 4 | 5 |
| 21.0 - 21.9 | 1 | - | 3 | 4 |
| 22.0 - 22.9 | - | - | 2 | 2 |
| 23.0 - 23.9 | - | - | - | - |
| 24.0 - 24.9 | - | - | 1 | 1 |
| TOTAL | 31 | 54 | 174 | 259 |
| AVERAGE SIZE | 14.2 | 14.5 | 15.0 | 14.6 |
| AVERAGE SIZE OF WALLEYE TAKEN BY OTHER METHODS | 12.9 | 13.8 | 14.6 | 13.8 |

Table 16a.

LENGTH FREQUENCY OF SAUGER CAUGHT DURING THE MONTH OF OCTOBER IN POOLS 7, 8 AND 9

| LENGTH (INCHES) | POOL 7 | POOL 8 | POOL 9 | TOTAL ALL POOLS |
|---|---|---|---|---|
| 8.0 - 8.9 | 4 | - | 3 | 7 |
| 9.0 - 9.9 | 21 | 10 | 67 | 98 |
| 10.0 - 10.9 | 90 | 44 | 129 | 263 |
| 11.0 - 11.9 | 123 | 63 | 120 | 307 |
| 12.0 - 12.9 | 143 | 155 | 198 | 497 |
| 13.0 - 13.9 | 94 | 153 | 217 | 463 |
| 14.0 - 14.9 | 74 | 98 | 218 | 390 |
| 15.0 - 15.9 | 27 | 32 | 88 | 147 |
| 16.0 - 16.9 | 3 | 12 | 24 | 39 |
| 17.0 - 17.9 | 2 | 6 | 13 | 21 |
| 18.0 - 18.9 | 3 | 4 | 5 | 12 |
| 19.0 - 19.9 | - | 1 | 4 | 5 |
| 20.0 - 20.9 | - | - | 1 | 1 |
| TOTAL | 584 | 578 | 1,087 | 2,250 |
| AVERAGE LENGTH | 12.2 | 12.9 | 13.0 | 12.7 |

Table 16b.

LENGTH FREQUENCY OF SAUGER CAUGHT DURING THE MONTH OF NOVEMBER IN POOLS 7, 8 AND 9

| LENGTH (INCHES) | POOL 7 | POOL 8 | POOL 9 | TOTAL ALL POOLS |
|---|---|---|---|---|
| 8.0 - 8.9 | 1 | - | 3 | 4 |
| 9.0 - 9.9 | 6 | 1 | 10 | 17 |
| 10.0 - 10.9 | 16 | 16 | 27 | 59 |
| 11.0 - 11.9 | 95 | 41 | 110 | 245 |
| 12.0 - 12.9 | 127 | 73 | 163 | 363 |
| 13.0 - 13.9 | 82 | 79 | 185 | 346 |
| 14.0 - 14.9 | 72 | 96 | 215 | 383 |
| 15.0 - 15.9 | 24 | 46 | 105 | 175 |
| 16.0 - 16.9 | 3 | 10 | 36 | 49 |
| 17.0 - 17.9 | - | 2 | 3 | 5 |
| 18.0 - 18.9 | - | 1 | 3 | 4 |
| 19.0 - 19.9 | - | - | 1 | 1 |
| TOTAL | 426 | 365 | 861 | 1,651 |
| AVERAGE LENGTH | 12.6 | 13.3 | 13.3 | 13.1 |

Table 17a.

LENGTH FREQUENCY OF WALLEYE CAUGHT DURING THE MONTH OF OCTOBER IN POOLS 7, 8 AND 9

| LENGTH (INCHES) | POOL 7 | POOL 8 | POOL 9 | TOTAL ALL POOLS |
|---|---|---|---|---|
| 9.0 - 9.9 | - | - | 4 | 4 |
| 10.0 - 10.9 | 6 | 3 | 3 | 12 |
| 11.0 - 11.9 | 10 | 3 | 10 | 23 |
| 12.0 - 12.9 | 11 | 12 | 37 | 60 |
| 13.0 - 13.9 | 10 | 19 | 92 | 121 |
| 14.0 - 14.9 | 7 | 14 | 25 | 46 |
| 15.0 - 15.9 | 7 | 15 | 16 | 38 |
| 16.0 - 16.9 | 2 | 5 | 23 | 30 |
| 17.0 - 17.9 | - | 4 | 12 | 16 |
| 18.0 - 18.9 | 1 | 2 | 6 | 9 |
| 19.0 - 19.9 | - | - | 3 | 3 |
| 20.0 - 20.9 | - | 2 | 3 | 5 |
| 21.0 - 21.9 | - | - | 3 | 3 |
| 22.0 - 22.9 | - | - | 1 | 1 |
| 23.0 - 23.9 | 1 | - | 1 | 2 |
| 24.0 - 24.9 | - | - | 1 | 1 |
| TOTAL | 55 | 79 | 240 | 374 |
| AVERAGE LENGTH | 12.0 | 13.9 | 14.4 | 13.7 |

Table 17b.

LENGTH FREQUENCY OF WALLEYE CAUGHT DURING THE MONTH OF NOVEMBER IN POOLS 7, 8 AND 9

| LENGTH (INCHES) | POOL 7 | POOL 8 | POOL 9 | TOTAL ALL POOLS |
|---|---|---|---|---|
| 9.0 - 9.9 | - | - | 1 | 1 |
| 10.0 - 10.9 | 2 | 1 | 1 | 4 |
| 11.0 - 11.9 | 8 | 7 | 9 | 24 |
| 12.0 - 12.9 | 25 | 24 | 30 | 79 |
| 13.0 - 13.9 | 15 | 21 | 54 | 90 |
| 14.0 - 14.9 | 11 | 27 | 23 | 60 |
| 15.0 - 15.9 | 5 | 5 | 13 | 23 |
| 16.0 - 16.9 | 3 | 6 | 9 | 18 |
| 17.0 - 17.9 | - | 2 | 8 | 10 |
| 18.0 - 18.9 | 3 | 1 | 7 | 11 |
| 19.0 - 19.9 | - | - | 3 | 3 |
| 20.0 - 20.9 | - | 1 | 3 | 4 |
| 21.0 - 21.9 | 1 | - | 2 | 3 |
| 22.0 - 22.9 | - | 1 | 5 | 6 |
| 23.0 - 23.9 | - | - | 2 | 2 |
| TOTAL | 72 | 96 | 170 | 338 |
| AVERAGE LENGTH | 12.9 | 13.7 | 14.9 | 13.8 |

Wisconsin residents comprised 63.8 percent of all anglers interviewed with the majority (54.2 percent) residing in La Crosse County. Fishermen from Illinois accounted for 26.4 percent while 9.8 percent were from other states (Table 3b).

Pool 8 had a projected total of 19,870 fishing hours, 91.3 percent by boat, 4.7 percent from the bank, and 3.9 percent from the barge (Table 6b).

Nearly all anglers interviewed (95.4 percent) were seeking walleye and sauger (Table 7).

Access by public landing exceeded private site usage (55 and 45 percent respectively). Most public access usage was centered at one landing in Minnesota (45 percent of the total usage) (Table 8b).

Fishing success was higher in November (1.1960 fish per man-hour) than October (0.8020 fish per man-hour). The combined rate was nearly one (0.9704) fish per man-hour (Table 9).

Casting and still fishing accounted for nearly equal amounts of fishing time (Table 10). Live bait was most popular, used during 56.4 percent of the fishing time. Artificial lures ranked next at 37.5 percent, with the remainder using an artificial lure with live bait attached. Three of the 603 anglers interviewed were fishing for catfish with prepared bait (Table 10).

Sauger was the most frequently taken species making up 69.7 percent of the total catch. White bass (13.4 percent) and walleye (12.9 percent) were the only other species of significance in the catch (Table 11b).

Bank fishing produced the highest catch rate (1.1765 fish per man-hour), followed by boat fishermen (0.9031 fish per man-hour). Barge fishermen caught fish at the lowest rate, 0.6406 fish per man-hour. Boat fishing was the most important type producing 89.6 percent of the catch. Bank fishermen took 7.4 percent and barge fishermen only 3.0 percent (Table 11b).

Casting yielded 0.9311 fish per man-hour, a slightly higher rate than the 0.8905 fish per man-hour produced from still fishing. Artificial baits were most productive taking 0.9918 fish per man-hour, followed by live bait (0.8709) and a combination of lure and live bait (0.7722).

Projected data indicates that during October, 6,114 anglers fished for 13,702 hours and caught 10,944 fish. November proved to be the more productive months with 2,467 anglers catching 7,377 fish (Table 13b).

Sauger in the catch averaged 12.9 inches during October and 13.3 inches during November (Tables 16a - 16b). Walleye averaged 13.9 inches during October and 13.7 inches during November (Tables 17a - 17b).

Pool 9

Of the three pools censused, Pool 9 had the greatest number of anglers interviewed. A total of 974 anglers were interviewed with male anglers comprising 90.3 percent of the total. Sixty-two percent of the male anglers and 76 percent of the female anglers were over 44 years old (Tables 1a - 1b).

Wisconsin residents accounted for 58.2 percent of the total anglers. Illinois anglers accounted for 28.6 percent and Iowa 11.2 percent (Table 3c).

Of a projected total of 81,773 fishing hours, 47.1 percent were by boat, 6.9 percent from the bank, and 46.0 percent were from the barge (Table 6c).

Nearly all anglers contacted were seeking walleye and sauger (Table 7).

All Pool 9 tailwater public access sites were located on Wisconsin banks. Public landings accounted for 34.5 percent of the total access usage. Private landings accounted for 65.5 percent (Table 8c).

November proved to be the most productive month producing a catch rate of 1.1170 fish per man-hour. The overall catch rate for both months was 0.8792 fish per man-hour (Table 9).

Casting and still fishing were the only two methods used. Casting was utilized 49.7 percent of the time while still fishing was used 50.3 percent of the time (Table 10).

Live baits were most popular, used 58.3 percent of the fishing time. Artificials ranked next at 36.9 percent, with the remainder using an artificial lure with live bait attached (Table 10).

Sauger was the most frequently taken species making up 68.2 percent of the total catch. Walleye (14.4 percent) and white bass (12.7 percent) were the only other species of significance in the catch (Table 11c).

Casting and still fishing appeared to be equally effective in catching fish. Casting produced a catch rate of 0.8726 fish per man-hour while still fishing yielded a catch rate of 0.8855 fish per man-hour (Table 12c).

Live bait produced fish at a rate of 0.9315 fish per man-hour. Artificial bait was not as efficient (0.8436 fish per man-hour). A combination of an artificial with live bait attached produced the lowest catch rate (0.5827 fish per man-hour) (Table 12c).

Projected data indicates that during the month of October, 8,248 anglers fished 32,414 hours to catch 24,235 fish. November was the more productive month with 5,195 anglers fishing 1,295 hours to catch 2,911 fish.

Sauger averaged 13.0 inches during October. Sauger caught during November were slightly larger averaging 13.3 inches.

Walleye averaged 14.4 inches during October and 14.9 inches during November (Tables 17a - 17b). These averages are slightly higher than those found in either Pool 7 or Pool 8.

Pools 7, 8, and 9 Combined

Of a total of 2,042 anglers contacted on the three tailwater areas, 1,846 were male anglers. Anglers over 45 years old accounted for 65 percent of the total (Table 1a - 1b).

Fishing in the Mississippi River, though primarily a local endeavor with 43.6 percent of the anglers traveling 50 miles or less to pursue their sport, is receiving increased pressure from distant areas. Approximately 40 percent of the anglers in Pools 7 and 9 had traveled over 150 miles to fish in the pool (Table 4).

The average completed fishing trip lasted approximately 3.5 hours (Table 5). Projected data indicates anglers spent a total of 81,773 hours fishing the three tailwater areas during October and November, 1971.

Anglers were found to be fishing from a boat 47.1 percent of the time, barges 46 percent, and from the bank 6.9 percent of the time (Table 6d).

The majority of anglers contacted were after walleye and sauger (96.3 percent) (Table 7).

Public access sites accounted for 43.2 percent of the total usage with private access sites contributing the remaining 56.8 percent (Table 8d). Access to the popular fishing barges contributes the greatest share of private usage.

The monthly catch rates fluctuated from 0.7660 fish per man-hour to 1.4030 fish per man-hour. The grand average for the two-month period for the three pools was 0.9145 fish per man-hour. Catch rates were considerably higher in November than October in all three pools (Table 9).

Of those anglers contacted, 49.4 percent were casting and 50.2 percent were still fishing. Sixty percent of the anglers used live bait, 35 percent utilized artificial bait, and 4.7 percent used artificials with live bait attached. Only 0.2 percent used prepared bait (Table 10).

Bank fishing proved to be the most productive type of fishing (1.3076 fish per man-hour). Boat fishing produced 0.8979 fish per man-hour and barge fishing yielded 0.8582 fish per man-hour (Table 11d).

Casting and still fishing yielded nearly equal catch per man-hour rates, 0.9046 and 0.9283 fish per man-hour respectively (Table 12d).

There was little difference in catch rates with the various baits used. Live bait had a catch rate of 0.9258 fish per man-hour, artificial bait 0.9281, and artificial with live bait attached was low with 0.7104 fish per man-hour (Table 12d).

Projected data reveals that a total of 13,160 boat anglers creeled 35,154 fish in 38,496 hours of fishing. Bank fishermen totaling 2,092, took 7,487 fish in 6,692 hours. A total of 12,386 barge anglers caught 31,910 fish in 37,585 hours (Table 13d).

Prior to 1950 there existed a statewide minimum size limit of 13.0 inches on walleye and sauger. Nearly 30 percent of the walleye catch and 47.7 percent of the sauger catch was smaller than 13.0 inches. Walleye averaged 13.7 inches and sauger 12.8 inches (Tables 16a - 17b).

There has been some controversy concerning the use of sonar to harvest large game fish. Sauger caught with sonar averaged 13.1 inches, only .3 inches larger than sauger caught with all other baits combined (Table 14). Walleye caught with sonar averaged 14.6 inches, 0.8 inches larger than walleye taken with all other baits. "Lunker" walleye, those over 20.0 inches, comprised only 4.6 percent of the total catch taken by sonar.

All three pools censused appear to contain stable walleye and sauger populations. Fishing pressure increased nearer the population centers, and will continue to increase as the layman has more time for recreation.

## Some comparisons between the 1971 spring and fall tailwater sport fishery in Pool 7

A similar creel census was conducted in the tailwater of Pool 7 during March and April 1971. It appears valuable to make some comparisons between the spring and fall fisheries in that pool.

Projected data indicates that April and October received the bulk of the fishing pressure (Table 18). This was likely due primarily to better weather conditions during those two months than normally expected in March and November.

Spring fishermen caught 7,202 walleye and sauger. Fall fishermen creeled nearly twice as many (13,797).

Table 18.

SOME COMPARISONS BETWEEN THE 1971 SPRING AND FALL TAILWATER SPORT FISHERY IN POOL 7

| | MARCH | APRIL | MARCH & APRIL COMBINED | OCTOBER | NOVEMBER | OCTOBER & NOVEMBER COMBINED |
|---|---|---|---|---|---|---|
| Anglers Interviewed | 179 | 512 | 691 | 301 | 164 | 465 |
| Projected Number of Anglers | 1,057 | 3,122 | 4,179 | 3,430 | 1,191 | 5,614 |
| Projected Hours Fished | 3,458 | 10,936 | 14,394 | 10,602 | 4,417 | 15,019 |
| Projected Catch of Walleye and Sauger | 1,804 | 5,398 | 7,202 | 7,913 | 5,884 | 13,797 |
| Catch Per Man-Hour Walleye and Sauger | 0.5272 | 0.5011 | 0.5072 | 0.7079 | 1.3003 | 0.8844 |
| Catch Per Man-Hour all Species | 0.5700 | 0.7564 | 0.7136 | 0.8450 | 1.4050 | 1.0120 |
| Average Size of Walleye in Catch (inches) | 13.8 | 13.7 | 13.7 | 12.0 | 12.9 | 12.5 |
| Average Size of Sauger in the Catch (inches) | 14.0 | 11.7 | 12.5 | 12.2 | 12.6 | 12.4 |
| Percent of Walleye over 20.0 inches in the catch | 6.3 | 10.5 | 9.8 | 2.0 | 1.4 | 1.6 |

Fall anglers caught walleye and sauger at a significantly higher rate than spring fishermen. Fall catch rates ranged from 0.7079 fish per man-hour in October to 1.3003 fish per man-hour during November. Spring catch rates were nearly uniform ranging from 0.5011 fish per man-hour in April to 0.5272 fish per man-hour in March.

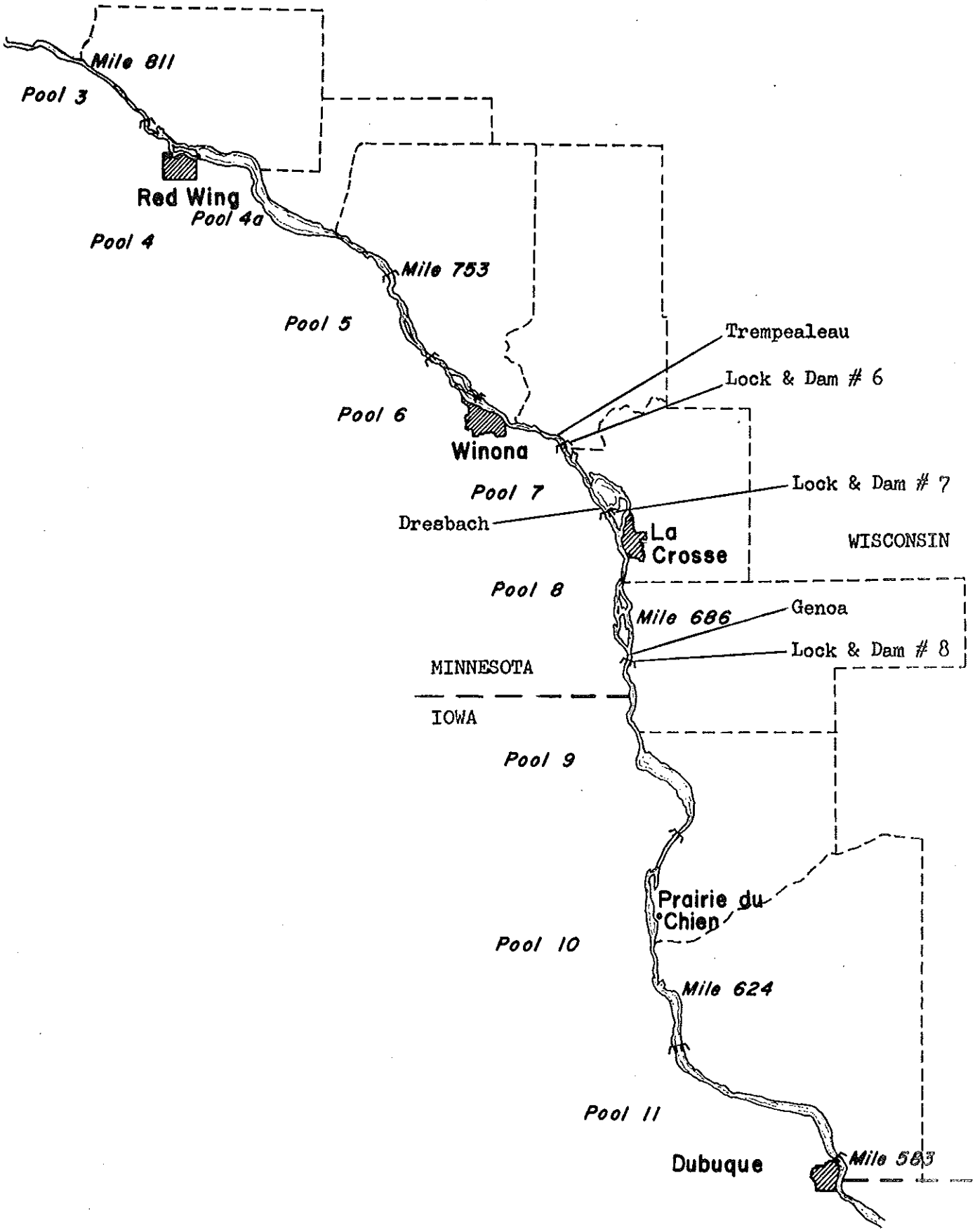
The average size of walleye and sauger was larger in the spring fishery as compared to the fall fishery. This was primarily the result of a greater number of "lunker" fish entering the spring catch. Nearly 10 percent of all walleye taken in the spring were larger than 20.0 inches as compared to less than 2 percent in the fall.

Several more similar surveys are needed to adequately evaluate present regulations.

tab
1-31-73

Figure 1. General Mississippi River Map.





CREEL CENSUS – COVER SHEET
FORM 3600–51

DEPARTMENT OF NATURAL RESOURCES

Card Type 3
(cc80)

Pool and Section Number _____ ___ ___ ___

DATE: Month ___ ___ Day ___ ___ Year ___ ___

CONTACT SCHEDULE: Early ____ Late ____ ___

Time of Beginning Angler Count _____ ___ ___ ___ ___

Time of Ending Angler Count _____ ___ ___ ___ ___

Total Time Spent on Count and Contacts _____ ___ ___

TOTAL NUMBER OF FISHERMEN COUNTED IN SECTION

Boat _____ ___ ___ ___
Wading or Bank _____ ___ ___ ___
Barge _____ ___ ___ ___
Ice _____ ___ ___ ___

Air Temperature _____ ___ ___
Water Temperature _____ ___ ___

WATER LEVEL: High ____ Low ____ Normal ____
Rising ____ Dropping ____ ___ ___

WEATHER: Clear ____ Cloudy ____ Bright ____ Overcast ____
Rain ____ Snow ____ Wind (over 15 mph) ____ ___ ___
_____ Other ____

REMARKS: _____

_____

_____
(Other factors affecting fishing)

OBSERVER ----------

Rev. 5–71

Card Type 1
(cc80)

CREEL CENSUS
FORM 3600–42

DEPARTMENT OF NATURAL RESOURCES

Interview No. — — — — — Pool and Section No. — — —
Date: Month — — Day — — Year — —
Waters _____ Habitat Type _____ —
Statutory Waters Fished: Wis. ___ Minn. ___ Ia. ___ Multiple ___ —
Site: Boat ___ Wading or Bank ___ Barge ___ Ice ___ —
Method: Cast ___ Still ___ Troll ___ Multiple ___ —
Bait: Minnows ___ Worms ___ Other Live Bait ___ Jig ___ Fly ___ —
Other Artificial Bait ___ Prepared Bait ___
Multiple (Live & Artificial) ___ Sonar ___
Residence: City _____ State _____ — —
County _____ — —
Access: Private ___ Public _____ — —
Fishing Trip: Complete ___ Incomplete ___ —
Sex and Age: Male ___ Female ___ Age ___ — — —
Time of Day: Morning ___ Midday ___ Afternoon ___ —

12 1 2 3 4 5 6 7 8 9 10 11 12 a.m. p.m.

Total Hours — — —
Primary Species Sought _____ — — —

Card Type 2
(cc80)

| SPECIES | CODE | NUMBER CODE |
|---|---|---|
| Bluegill | 2 8 6 | — — |
| Black Crappie | 2 9 1 | — — |
| Yellow Perch | 2 5 0 | — — |
| White Crappie | 2 9 0 | — — |
| Sauger | 2 5 1 | — — |
| Northern Pike | 2 0 6 | — — |
| White Bass | 2 4 0 | — — |
| Walleye | 2 5 2 | — — |
| Largemouth Bass | 2 8 1 | — — |
| Rock Bass | 2 8 9 | — — |
| Freshwater Drum | 3 0 5 | — — |
| Smallmouth Bass | 2 8 0 | — — |
| _____ | — — — | — — |
| _____ | — — — | — — |
| _____ | — — — | — — |
| _____ | — — — | — — |
| _____ | — — — | — — |
| _____ | — — — | — — |

REV. 1–72

ACKNOWLEDGEMENTS

The following personnel of the Wisconsin Department of Natural Resources contributed to the planning and success of the creel census:

| | | |
|---|---|---|
| Willis B. Fernholz | - | Area Fisheries Manager |
| DuWayne F. Gebken | - | Mississippi River Biologist |
| Richard G. Ranthum | - | Mississippi River Biologist |

11-72
226--83--D5871
Dist.: List 2