

## 1996 MADISON RIVER CREEL CENSUS DOCUMENTATION (5/96)

A comprehensive creel census will be conducted on the upper Madison River from June 1, 1996 through September 26, 1996 (last angler count day). The creel census will cover the section of river between Slide Inn and Windy Point (approximately 20 river miles). A single creel clerk will conduct angler counts and interviews. Angler counts will cover the upstream and downstream visual distance at the Slide Inn up to the "Rock Slide" highway sign; at both Raynold's Pass Bridge and Three Dollar Bridge; between Pine Butte and Lyons Bridge (via counts from the highway); the visual distance downstream of Lyons Bridge and between Lyons Bridge and Windy Point (via counts from the highway). Because the river is closed to fishing between Squaw Creek and Windy Point, angler counts within this section will be made simply to determine compliance with the regulation. Counts at the Slide Inn will be made on a "as time allows" basis and are optional.

Angler counts will be stratified weekly with one weekend day and three random weekdays selected without replacement. There will be four counts per day at 2 hour intervals. Counts will occur between 7AM and 7PM. Start times of 7AM, 8AM, 9AM, 10AM, 11AM, Noon and 1PM will be selected randomly without replacement for each stratum. For example, if 7AM was selected as the start time, angler counts would be made at 7AM, 9AM, 11AM and 1PM. Within each stratum, the start location (upstream vs. downstream end) will be selected randomly for the first count day of the stratum and then alternated through the remainder of the week. In addition, each day angler counts will alternate starting points between upstream and downstream ends of the creel.

Counts will enumerate all anglers fishing from shore and all boats containing at least one fisherman or fishing rod. Boats that contain only recreational floaters should not be counted. If a boat is beached and all anglers are fishing on shore, then they should be classified as shore anglers.

The solitary creel clerk will randomly interview anglers in between angler count times. The clerk will work four 10 hour days. Interviews will include both completed and uncompleted fishing trips, with the priority on completed trips. There will also be a priority of obtaining interviews within the Pine Butte section.

By: Mark Lere

**Montana Department  
of  
Fish, Wildlife & Parks**



1400 So. 19th  
Bozeman, MT 59715  
July 11, 1997

Robin Cunningham  
P.O. Box 311  
Gallatin Gateway, MT 59730

Dear Robin,

Enclosed you will find the Madison creel census data that you requested. These data are broken into three separate categories. The first category contains results from a comprehensive creel census that was conducted on the Pine Butte section of the Madison River during the summer season in 1981, 1995 and 1996. The Pine Butte section is a 3.0 mile section located immediately upstream of Lyons Bridge. As I mentioned to you on the phone, the entire Madison River was surveyed in 1995 and, in 1996, a greater portion of the upper river than just the Pine Butte section was surveyed. However, only the Pine Butte section was surveyed in 1981. As a result, comparisons of data among the three years are restricted to just the Pine Butte section.

In addition, the methodology for estimating angler use was different in 1995 than in either 1981 or 1996. Anglers were counted in a stratified random survey by airplane in 1995 while random counts in 1981 and 1996 were made by creel clerks on the ground. If you look at Figure 1 you will notice widely disparate estimates of angler use between 1995 and 1996. Due to this large difference and due to the fact that different methodologies were used to obtain the estimates, I seriously question the data set. Although these changes may be real, observations in the field and "gut feeling" indicate otherwise.

Figure 2 shows a comparison of catch rate data among the three survey years. Some demographics of anglers are presented in Table 1. I thought you might be interested in some of these additional data.

The second category of data contains results from an angler opinion survey conducted in conjunction with the creel survey on the Madison River during the summer of 1995. Figures 3 through 5 show some results of this survey. These data are based on 833 angler

interviews. Also included is an example of the attitude survey form.

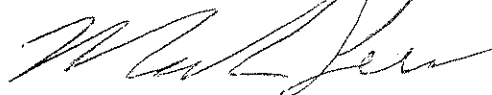
Table 1. Demographics of anglers obtained from creel census on the upper Madison River during the summers of 1981, 1995 and 1996. Data are presented in percent of total interviews.

Year	Non-Residents	Guided
1981	90	NA
1995	89	26
1996	94	15

The third and final category of data is from the 1995 statewide mail survey which included the question "Was this water your 2nd choice because your first choice has Whirling disease?" Only 1.2% of the respondents answered "yes" to this question (303 out of 24,892 respondents). Table 2 presents the waters that were selected from these 303 respondents (see Trips column). Surprisingly, 95 of the 303 respondents selected the upper Madison River. It is unknown whether this incongruous result was due to confusion over the question or to confusion over the distribution of whirling disease in state waters.

I hope these data are helpful. Please feel free to call me at 994-6938 if you have questions.

Best regards,



Mark Lere  
Region 3 Fisheries

C: Bob McFarland

Figure 1. Comparison of Fishing Pressure

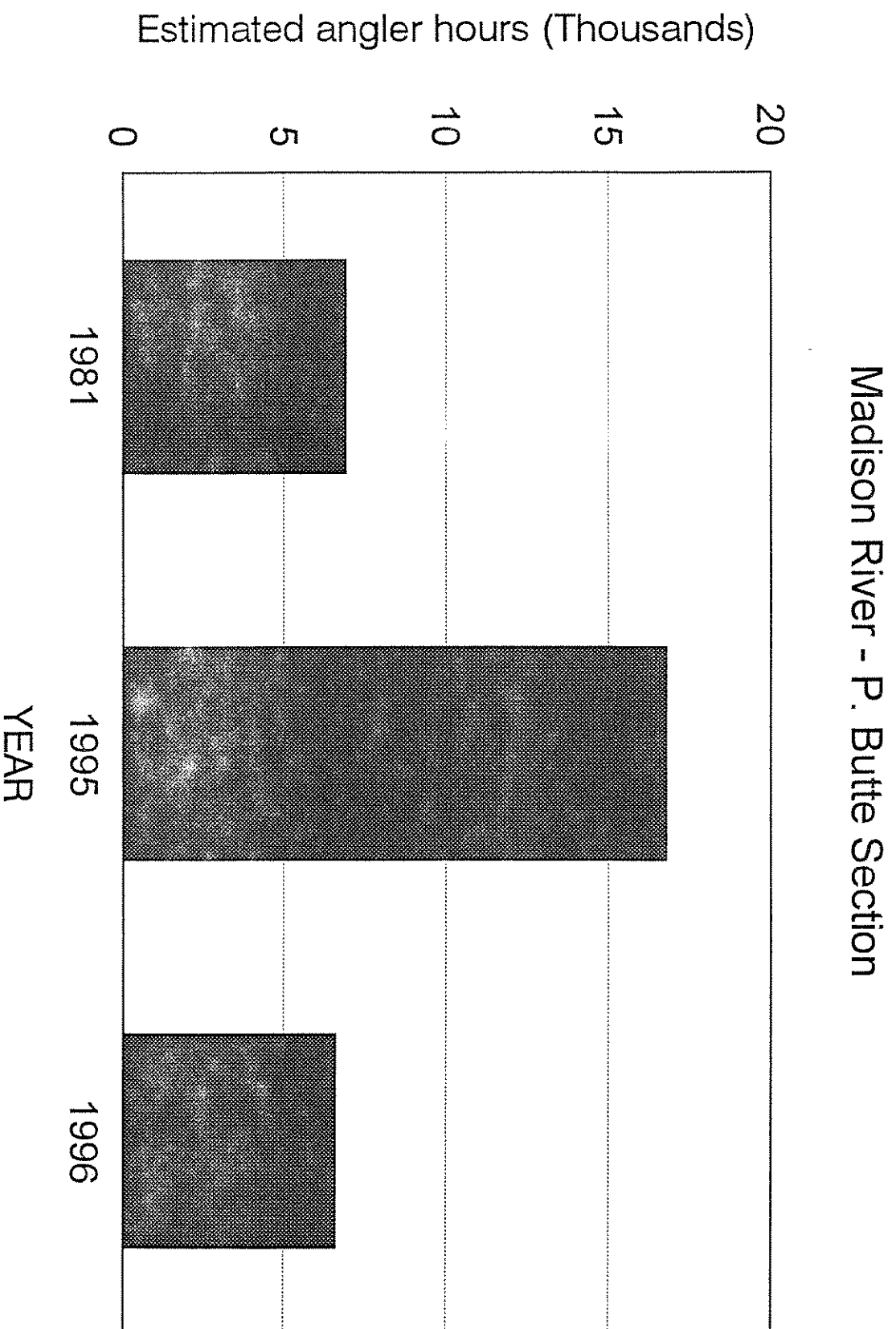


Figure 2. Comparison of trout catch rates

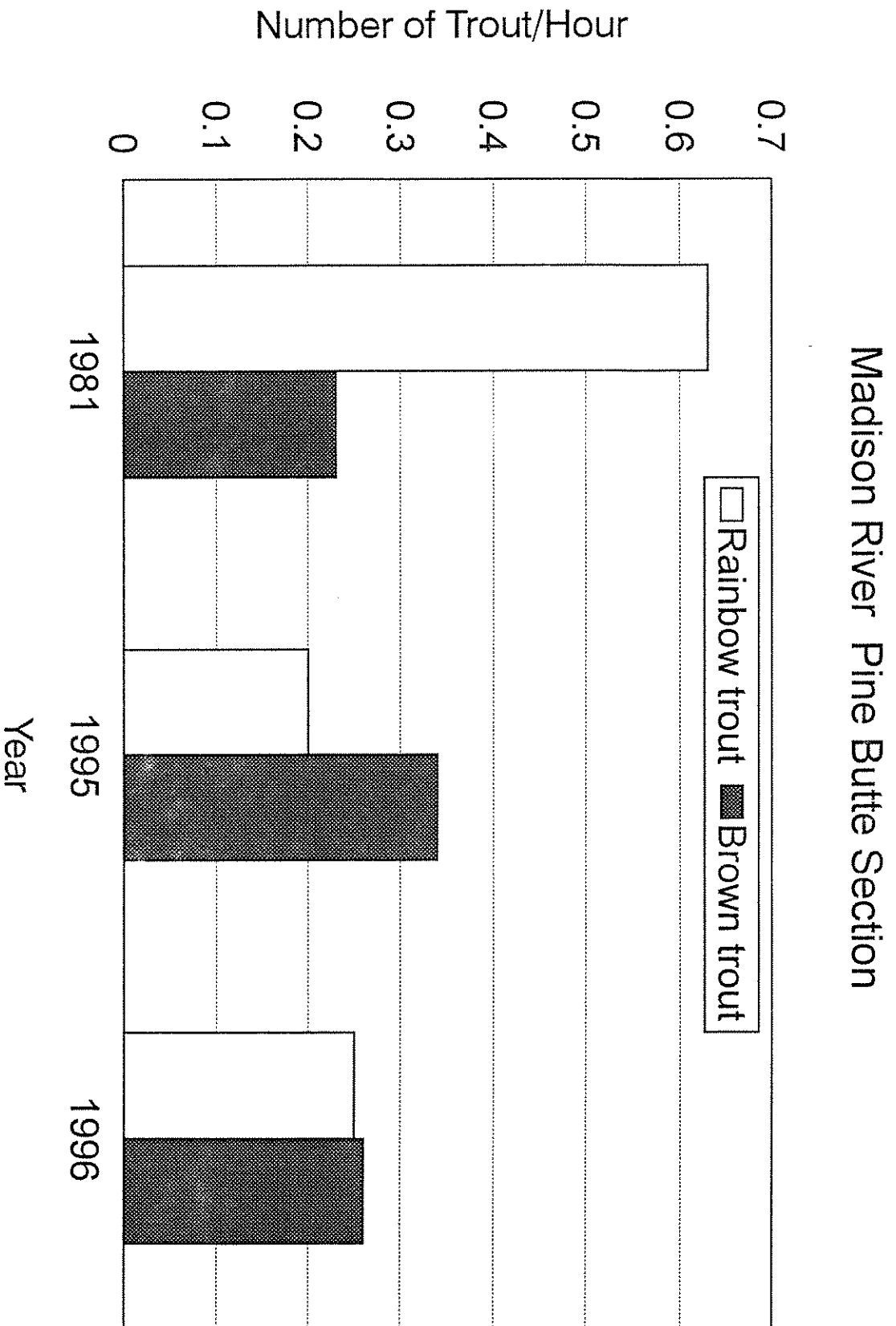


FIGURE 3

# ANGLER SATISFACTION Upper Madison River 1995 Creel Census

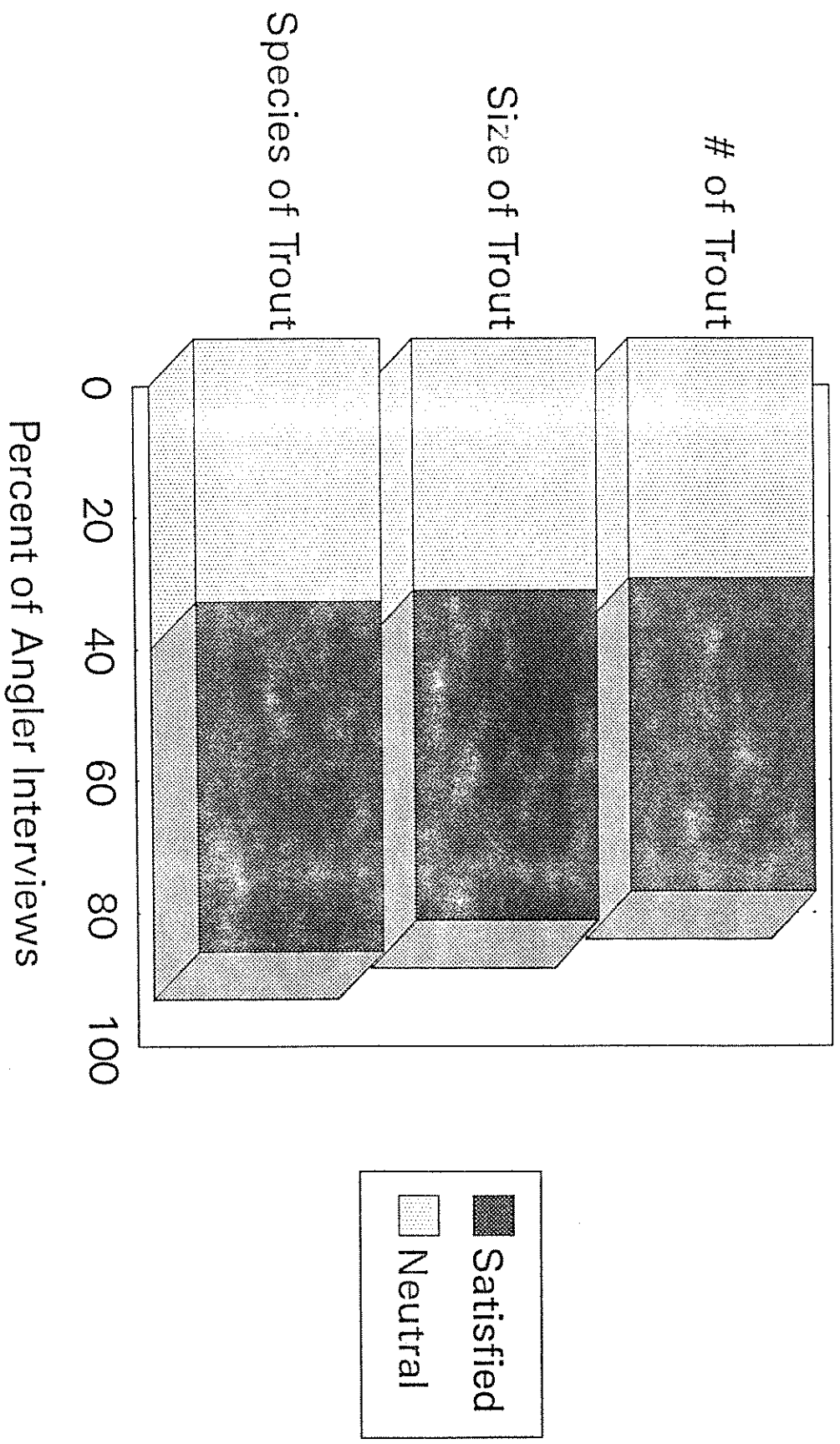
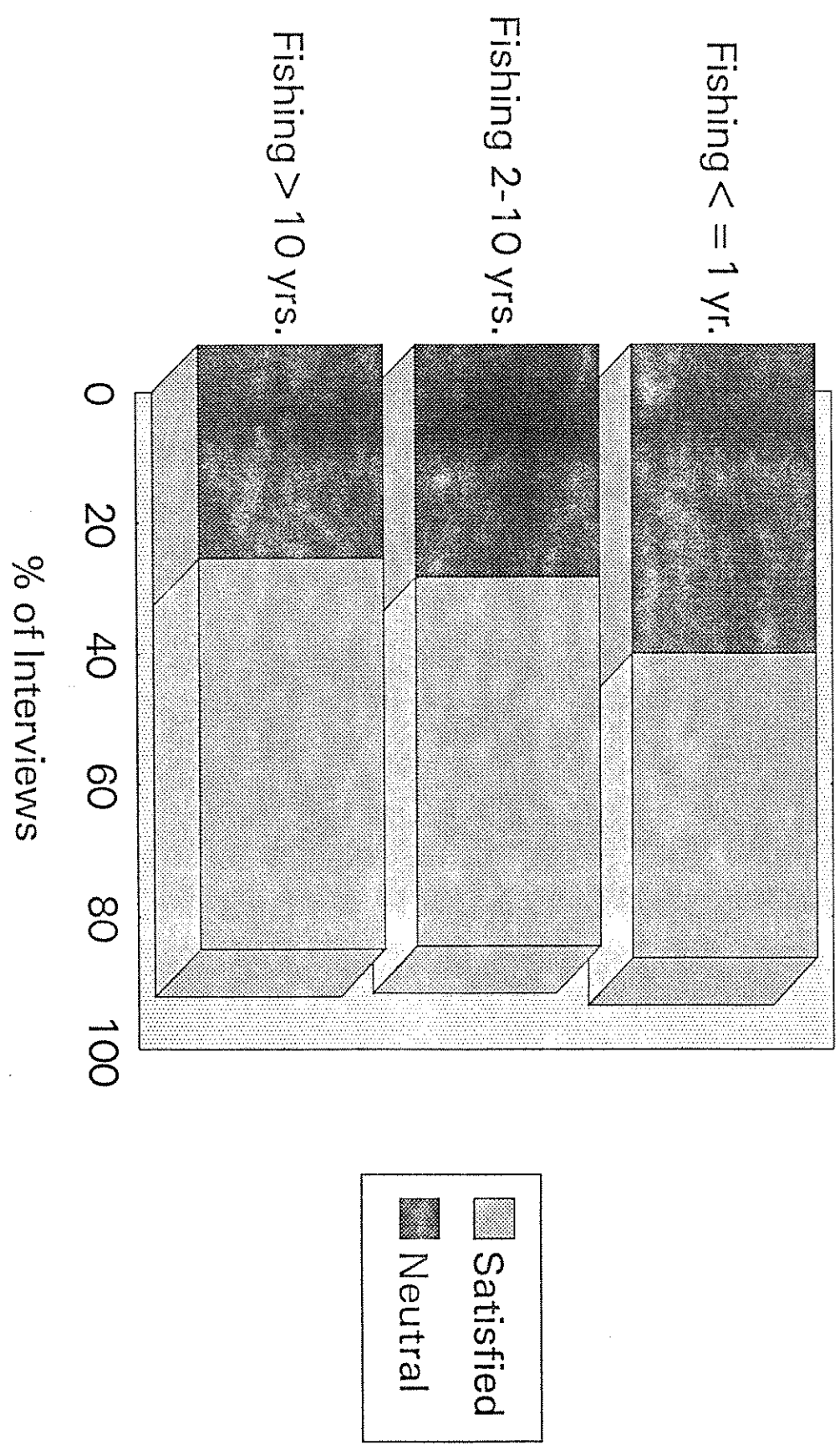
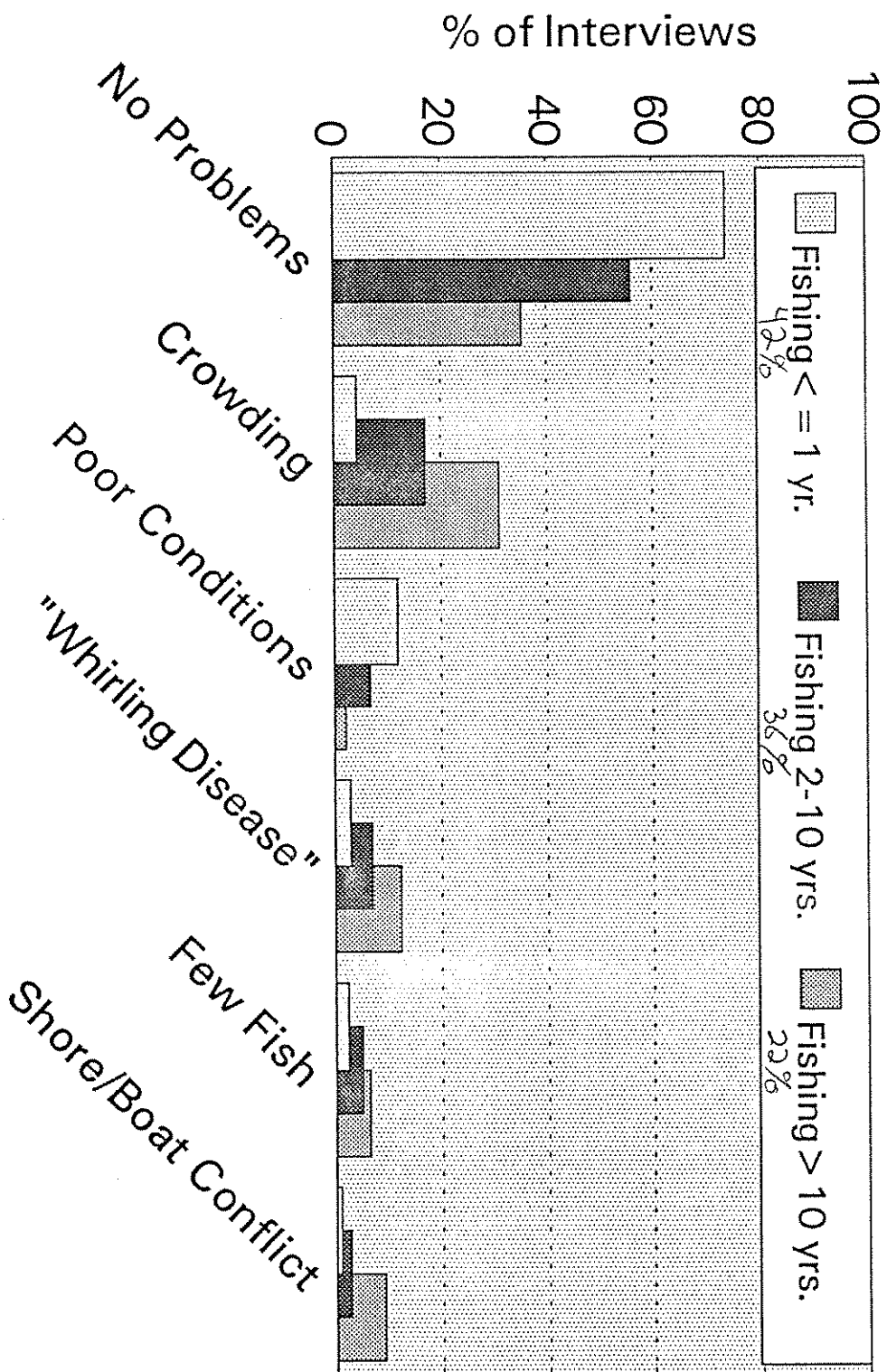


Figure 4.

# ANGLER SATISFACTION Upper Madison River Number of Trout Caught



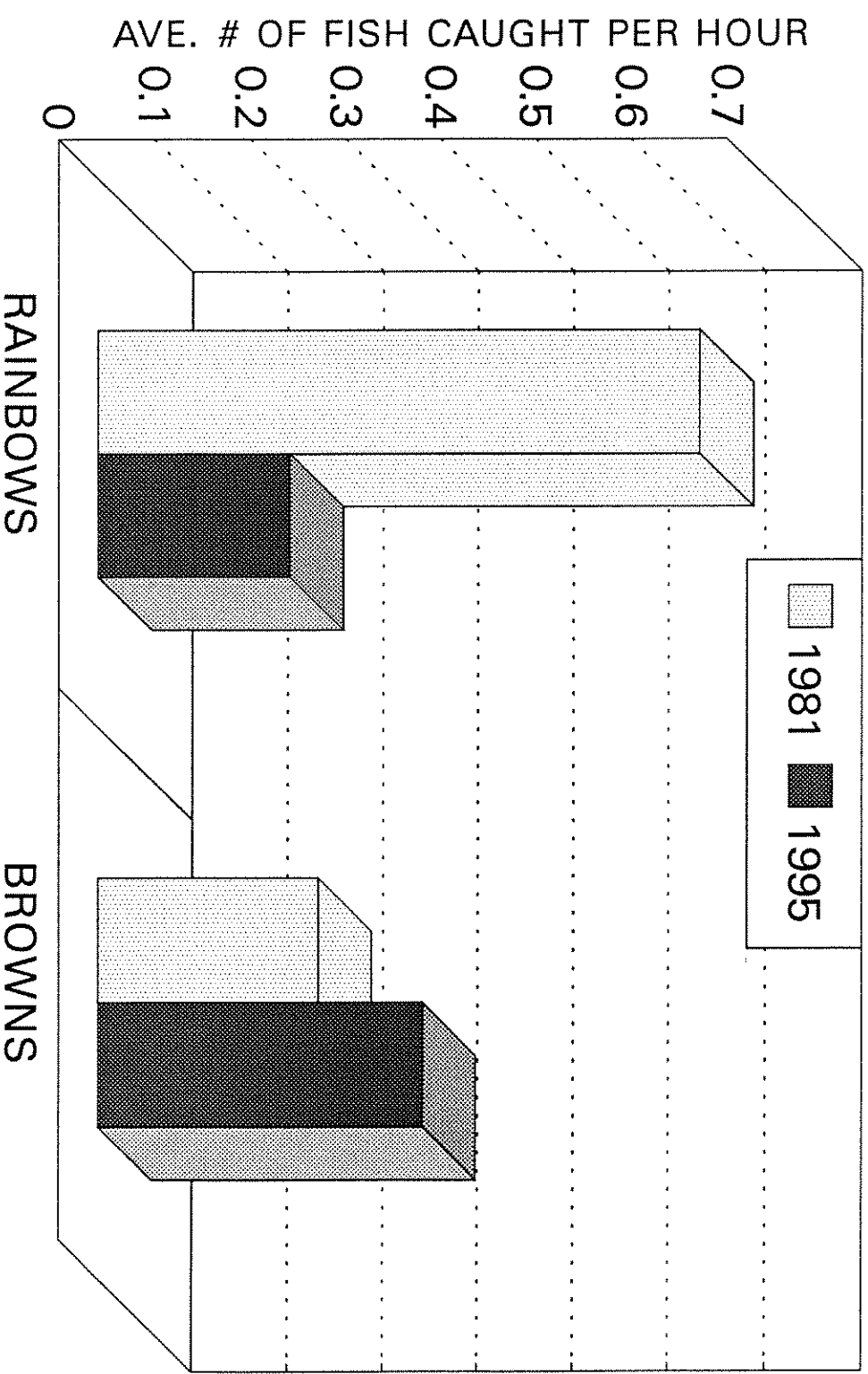
**FIGURE 5. PERCEIVED PROBLEMS BY ANGLERS**  
**Upper Madison River**  
**Angler Attitude Survey - 1995**





# CATCH RATES BY ANGLERS MADISON RIVER PINE BUTTE CREEL CENSUS (1981 VS. 1995)

---

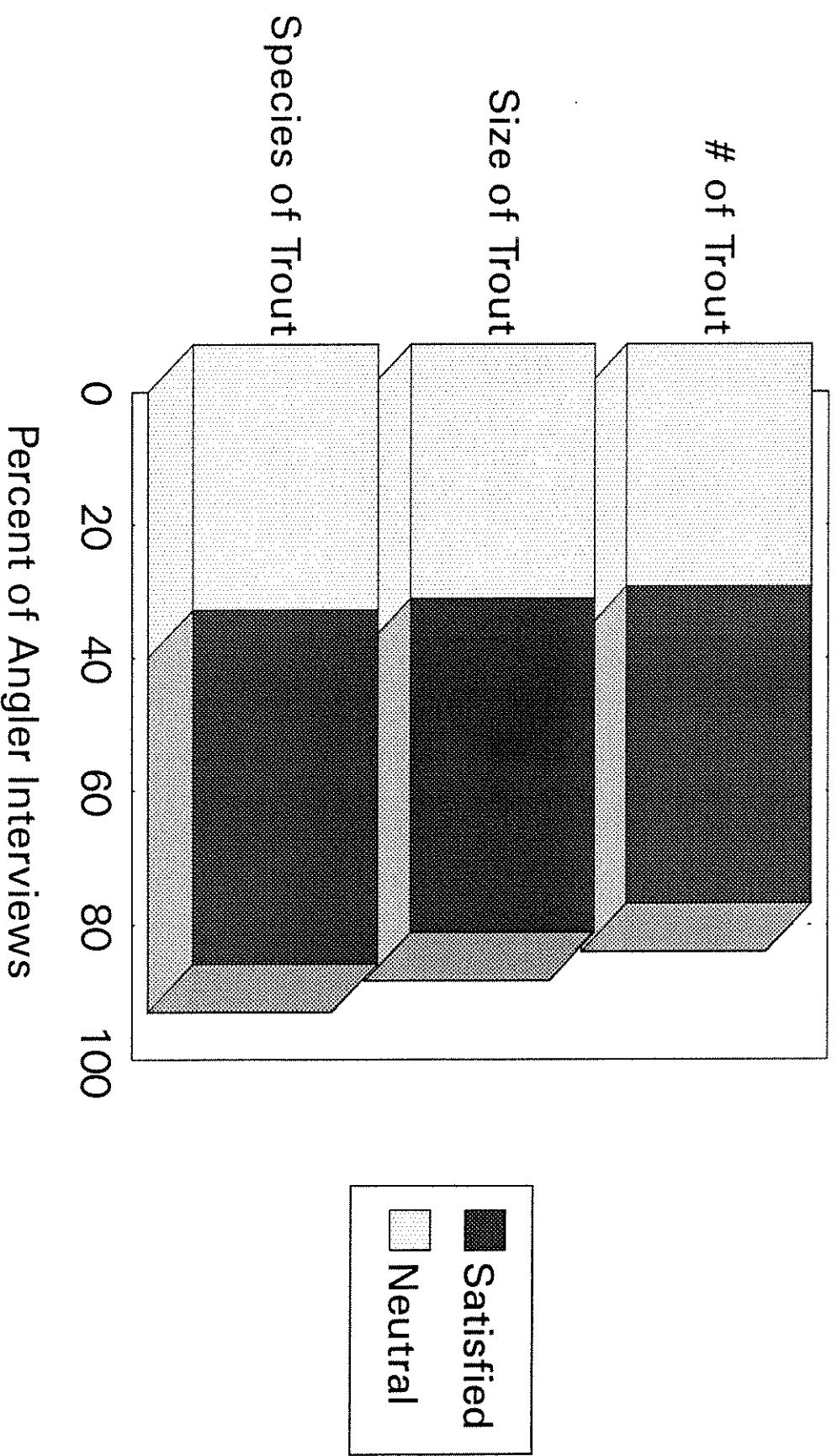


# ANGLER SATISFACTION

## Upper Madison River

### 1995 Creel Census

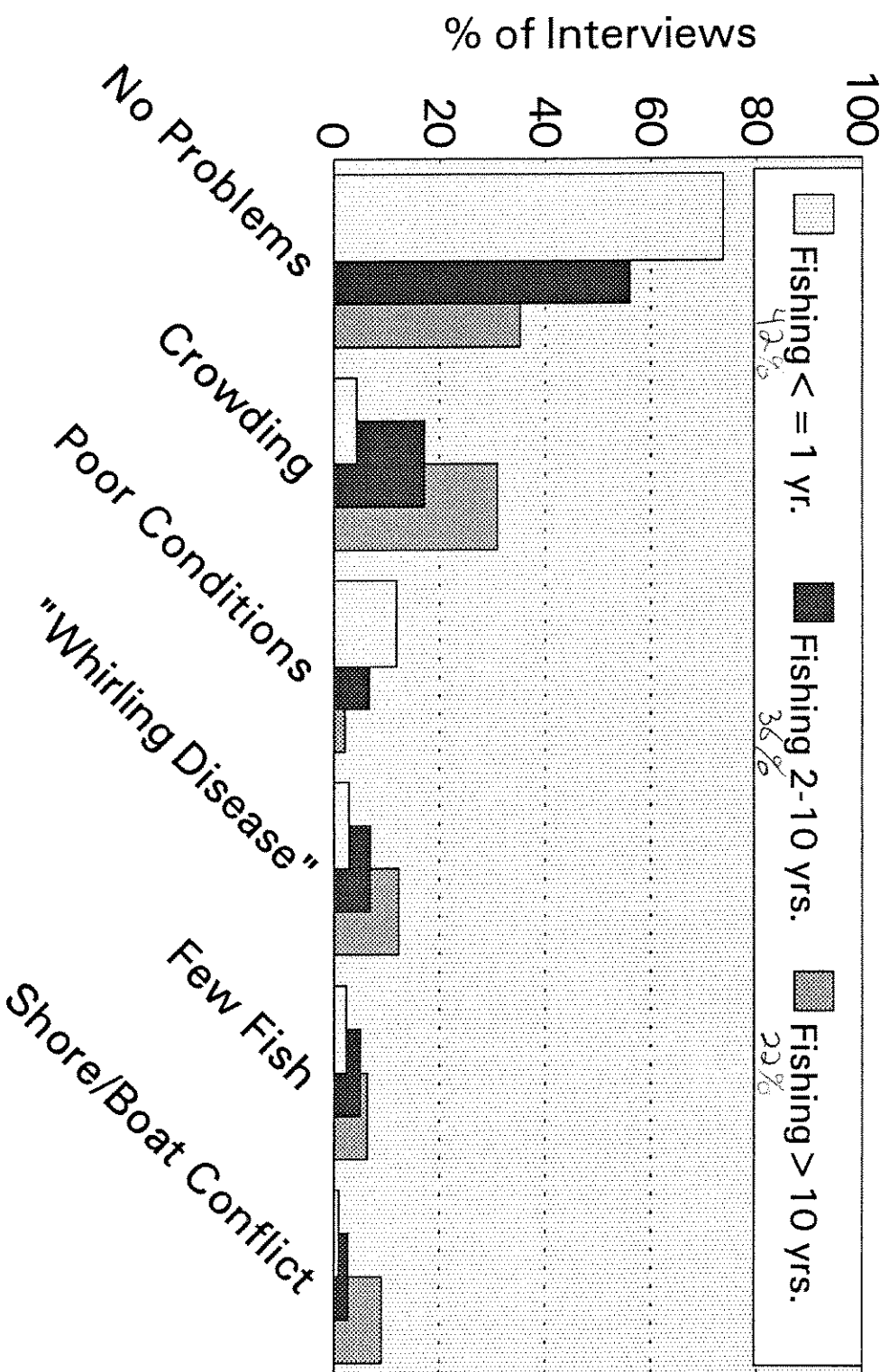
---



# PERCEIVED PROBLEMS BY ANGLERS

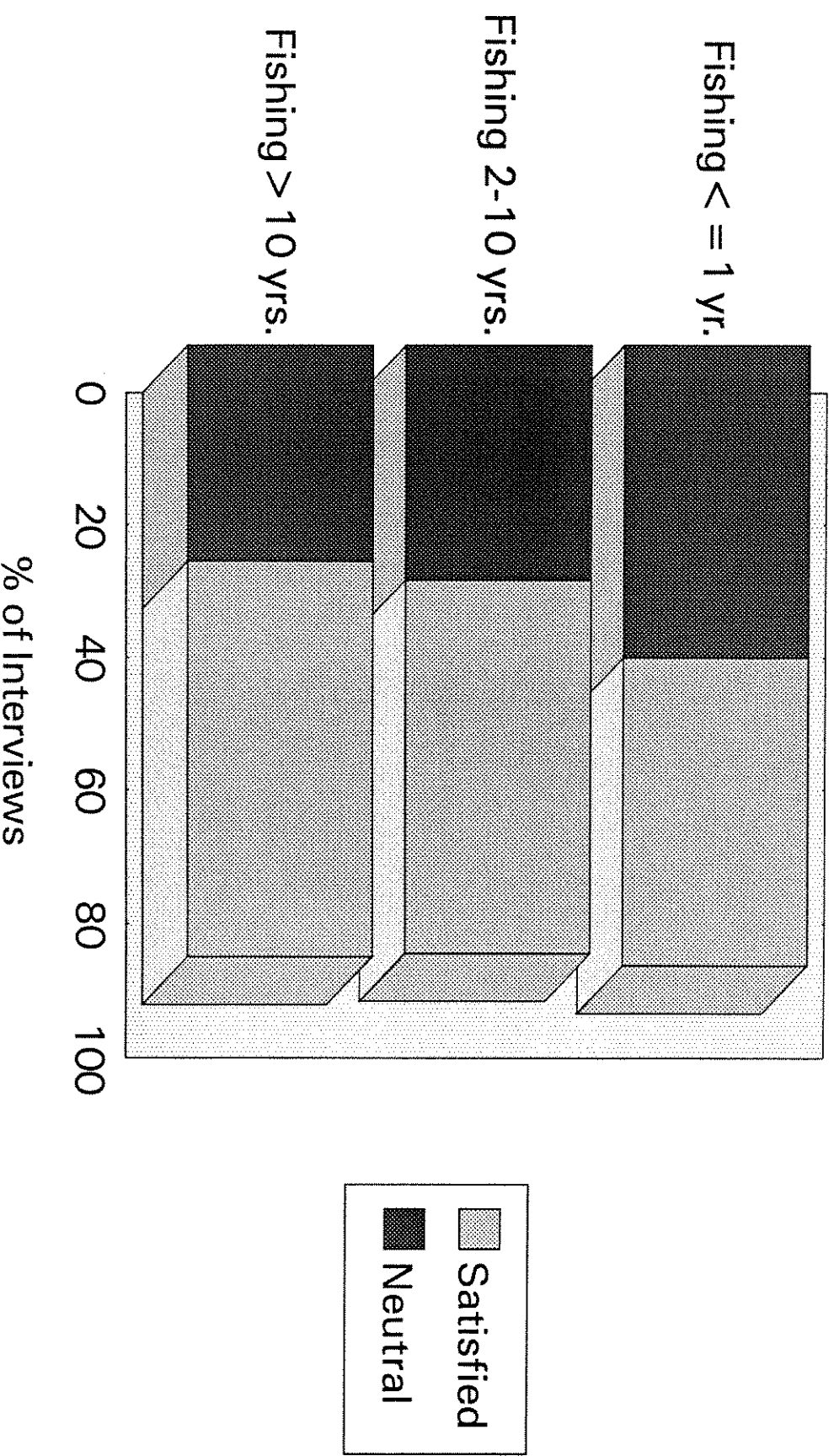
## Upper Madison River

### Angler Attitude Survey - 1995



# ANGLER SATISFACTION Upper Madison River Number of Trout Caught

---



ANGLER SURVEY - MADISON RIVER

INTERVIEW NUMBER: \_\_\_\_\_

DATE: \_\_\_\_\_

1. How many years have you been fishing the Madison River?

\_\_\_\_\_ years (Note: If less than 1 but not 0 enter 1)

2. Please indicate your level of satisfaction with your fishing experience on this trip to the Madison River? (Please circle one choice each for number; size and species)

	Very Dissatisfied		Neutral	Very Satisfied	
Number of trout caught	-2	-1	0	+1	+2
Size of trout caught	-2	-1	0	+1	+2
Species of trout caught	-2	-1	0	+1	+2

3. Please indicate the reasons why you selected to fish this site on the Madison River rather than another Madison River site? Please rank the top three choices (if appropriate) with 1 being most important.

\_\_\_\_\_ good place to launch or take out a boat  
\_\_\_\_\_ regulations allow fishing from boat  
\_\_\_\_\_ regulations do not allow fishing from boat  
\_\_\_\_\_ regulations allow artificial lures only  
\_\_\_\_\_ regulations allow the use of bait  
\_\_\_\_\_ regulations allow catch and release only  
\_\_\_\_\_ regulations provide ability to keep fish  
\_\_\_\_\_ this is a section of river where whirling disease is not present  
\_\_\_\_\_ size of trout found in this section of river  
\_\_\_\_\_ a certain species of trout is more abundant  
\_\_\_\_\_ no particular reason  
\_\_\_\_\_ other \_\_\_\_\_

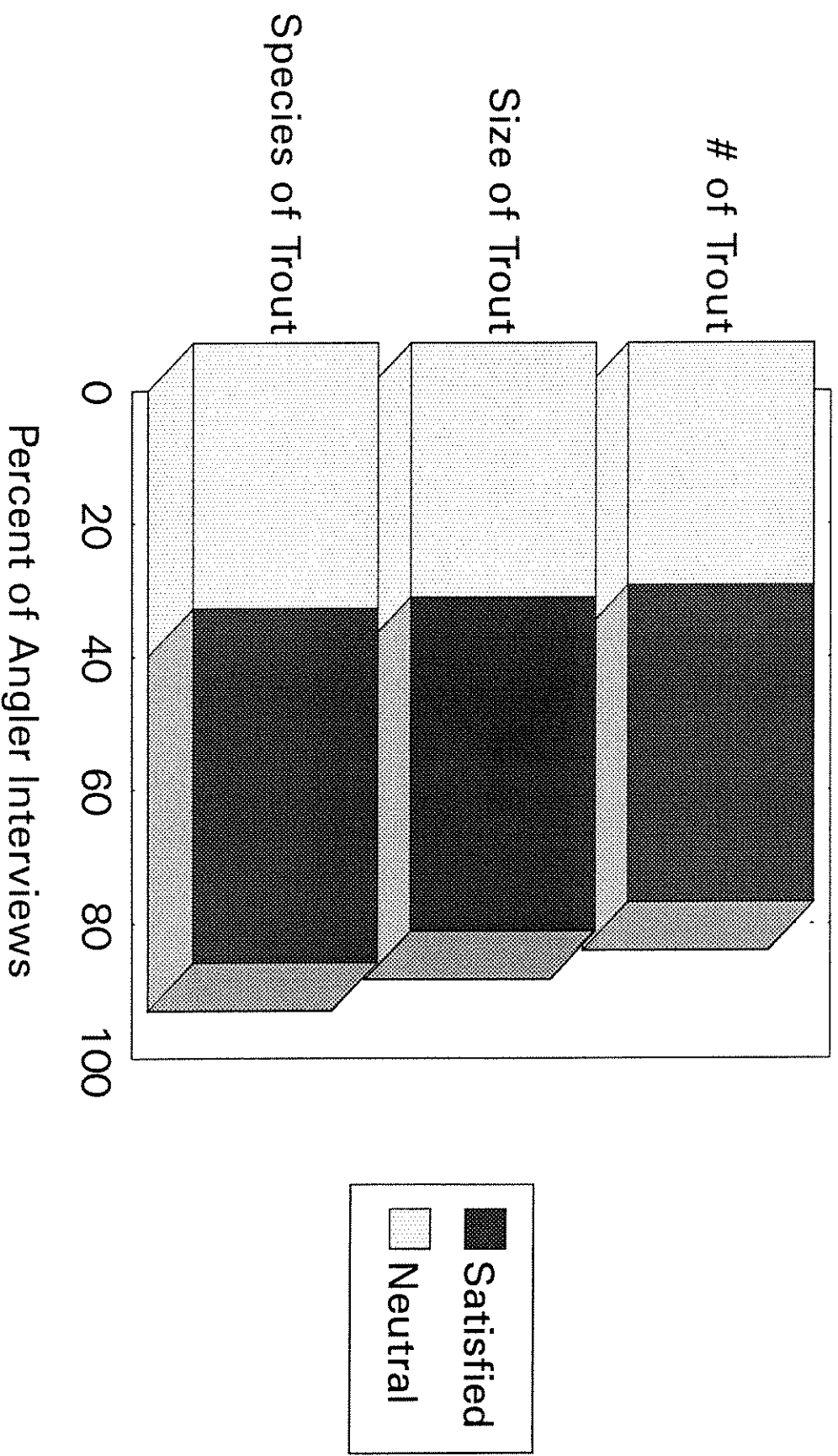
4. What do you think are the major problems (if any) with fishing on the Madison River?

# ANGLER SATISFACTION

## Upper Madison River

### 1995 Creel Census

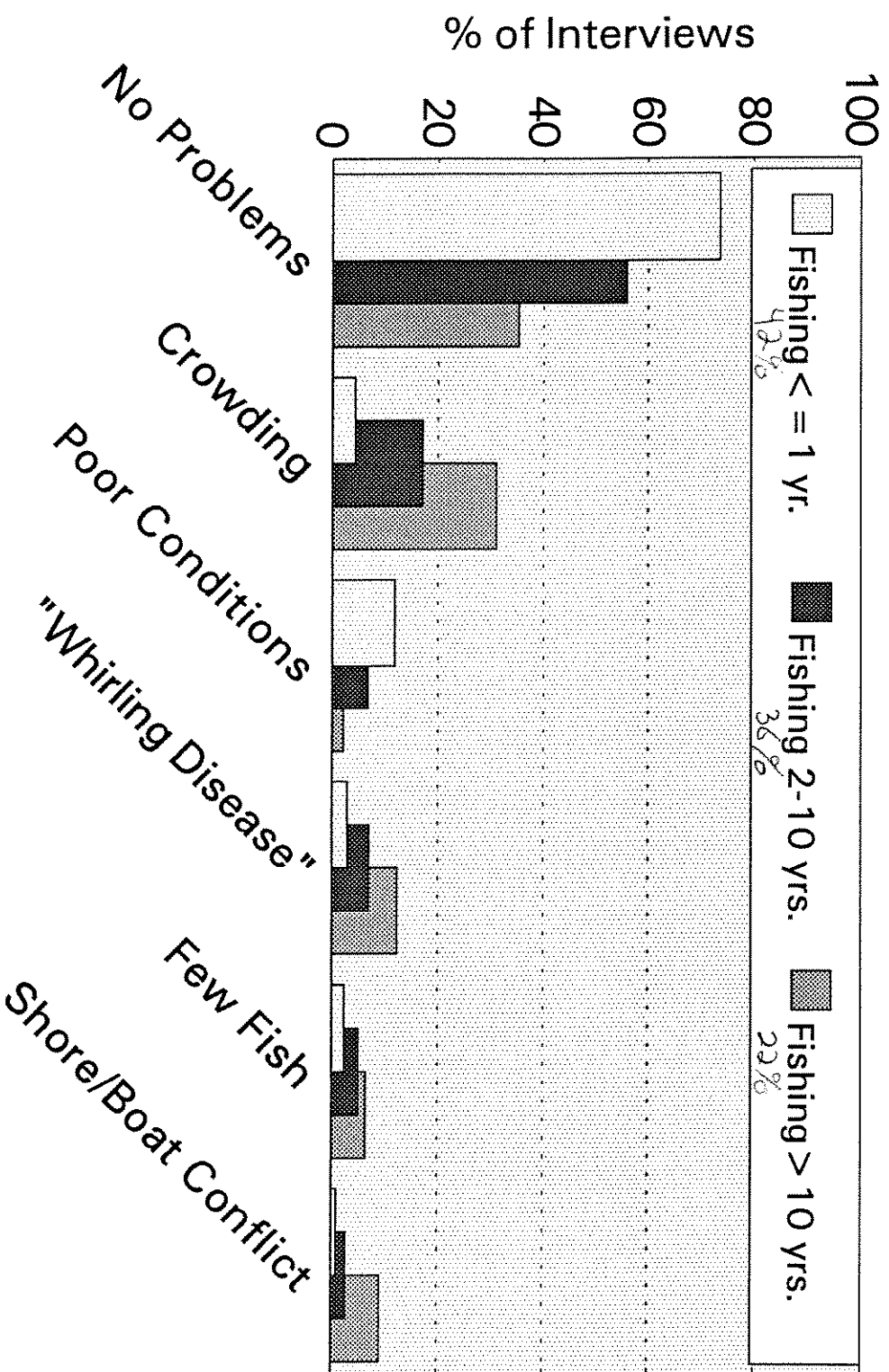
---



# PERCEIVED PROBLEMS BY ANGLERS

## Upper Madison River

### Angler Attitude Survey - 1995



# ANGLER SURVEY - MADISON RIVER

INTERVIEW NUMBER: \_\_\_\_\_

DATE: \_\_\_\_\_

1. How many years have you been fishing the Madison River?

\_\_\_\_\_ years (Note: If less than 1 but not 0 enter 1)

2. Please indicate your level of satisfaction with your fishing experience on this trip to the Madison River? (Please circle one choice each for number; size and species)

	Very Dissatisfied		Neutral	Very Satisfied	
Number of trout caught	-2	-1	0	+1	+2
Size of trout caught	-2	-1	0	+1	+2
Species of trout caught	-2	-1	0	+1	+2

3. Please indicate the reasons why you selected to fish this site on the Madison River rather than another Madison River site? Please rank the top three choices (if appropriate) with 1 being most important.

\_\_\_\_\_ good place to launch or take out a boat  
 \_\_\_\_\_ regulations allow fishing from boat  
 \_\_\_\_\_ regulations do not allow fishing from boat  
 \_\_\_\_\_ regulations allow artificial lures only  
 \_\_\_\_\_ regulations allow the use of bait  
 \_\_\_\_\_ regulations allow catch and release only  
 \_\_\_\_\_ regulations provide ability to keep fish  
 \_\_\_\_\_ this is a section of river where whirling disease is not present  
 \_\_\_\_\_ size of trout found in this section of river  
 \_\_\_\_\_ a certain species of trout is more abundant  
 \_\_\_\_\_ no particular reason  
 \_\_\_\_\_ other \_\_\_\_\_

4. What do you think are the major problems (if any) with fishing on the Madison River?



MADISON RIVER CREEL CENSUS FORM (5/96)  
(Individual Interviews)

Interview Number: \_\_\_\_\_

Date: \_\_\_\_\_

Day of Week: \_\_\_\_\_ (1-5, Mon-Fri; 6-Sat.; 7-Sun.; 8-Holiday)

Area Fished: \_\_\_\_\_  
1:Slide Inn                      4:Pine Butte  
2:Raynolds                      5:Squaw Creek  
3:\$3 Bridge

Type of Fishing: \_\_\_\_\_ 1:Boat    2:Shore

Number of Anglers in Party: \_\_\_\_\_ (Note:record for only one member in each party and exclude all non-anglers)

Time Started Fishing: \_\_\_\_\_ AM    PM

Time of Interview: \_\_\_\_\_ AM    PM

Hours Fished: \_\_\_\_\_ . \_\_\_\_\_ Time spent not Fishing (hrs): \_\_\_\_\_  
(ie. time rowing, eating lunch)

Done Fishing for the Day:    Yes    No

Guided Trip:    Yes    No

Angler Origin: \_\_\_\_\_  
1:Madison Co.                      4:Non-resident (USA)  
2:Gallatin Co.                      5:Foreign  
3:Other Montana

Target Species: \_\_\_\_\_  
1:Rainbow                      5:Grayling  
2:Brown                      6:Whitefish  
3:Cutthroat                      7:Trout & whitefish  
4:Trout (general)                      8:Any fish

Bait Type: \_\_\_\_\_ 1:Flies    2:Lures    3:Bait    4:Any Combination

Catch Data: (For each individual angler)

	Rainbow	Brown	Cutthroat	Whitefish	Grayling
# Kept					
# Released					
TOTAL					

# TABLE 2.

## Statewide Angling Pressure Estimates Sorted Alphabetically

For the Entire Year - ANGLERS FISHED THESE WATERS BECAUSE THEIR  
CHOICE HAD WHIRLING INFUSE.

Mar 95 - Feb 96

STREAM NAME	COUNTY	WATER CODE	TOTALS			RESIDENT			NON-RESIDENT			STATE REGN	
			PRESSURE	ERROR	TRIPS	PRESSURE ERROR	TRIPS	PRESSURE ERROR	TRIPS	PRESSURE ERROR	TRIPS	RANK	RANK
ALKALI CREEK	BEAVERHEAD	3/01-0100/01	62.	62.	2.	0.	0.	0.	0.	62.	62.	2.	0
ARMSTRONG SPRING CREEK	PARK	3/22-0140/01	62.	62.	2.	0.	0.	0.	0.	62.	62.	2.	0
ASHLEY LAKE	FLATHEAD	1/07-5220/03	47.	47.	1.	47.	47.	1.	1.	0.	0.	0.	0
BEAN LAKE	LEWIS & CLARK	4/17-8720/05	310.	310.	9.	310.	310.	9.	9.	0.	0.	0.	0
BEARPAW LAKE	HILL	6/15-4560/05	491.	414.	11.	491.	414.	11.	11.	0.	0.	0.	0
BEAVER CREEK	SILVER BOW	3/06-0456/10	34.	34.	1.	34.	34.	1.	1.	0.	0.	0.	0
BEAVER CREEK RESERVOIR	HILL	6/15-4570/03	517.	517.	15.	517.	517.	15.	15.	0.	0.	0.	0
BELL RIDGE RESERVOIR	PHILLIPS	6/16-8616/07	158.	158.	2.	158.	158.	2.	2.	0.	0.	0.	0
BIG HOLE RIVER SEC 01	BEAVERHEAD/MADISON/S BOW	3/02-0425/01	412.	190.	10.	257.	166.	5.	5.	155.	93.	5.	0
BIG HOLE RIVER SEC 02	BEAVERHEAD/MADISON/S BOW	3/02-0450/01	468.	185.	13.	375.	171.	10.	10.	93.	69.	3.	0
BIG SPRING CREEK SEC 01	FERGUS	4/16-0301/01	52.	52.	2.	52.	52.	2.	2.	0.	0.	0.	0
BIG SPRING CREEK SEC 02	FERGUS	4/16-0310/01	40.	40.	1.	40.	40.	1.	1.	0.	0.	0.	0
BIGHORN RIVER SEC 01	BIG HORN	5/22-0490/01	34.	34.	1.	34.	34.	1.	1.	0.	0.	0.	0
BIGHORN RIVER SEC 02	BIG HORN	5/22-0495/01	707.	633.	11.	79.	79.	1.	1.	628.	628.	10.	0
BIGHORN RIVER SEC 03	BIG HORN	5/22-0496/01	529.	313.	16.	324.	266.	8.	8.	275.	164.	8.	0
BISON CREEK	JEFFERSON	3/10-0720/01	63.	63.	2.	63.	63.	2.	2.	0.	0.	0.	0
BITTERROOT RIVER SEC 01	MISSOULA/RAVALLI	2/03-0475/01	219.	132.	4.	219.	132.	4.	4.	0.	0.	0.	0
BITTERROOT RIVER SEC 02	RAVALLI	2/03-0500/01	807.	579.	21.	728.	577.	18.	18.	79.	57.	3.	0
BLACKFOOT RIVER SEC 01	MISSOULA	2/04-0600/01	173.	132.	5.	173.	132.	5.	5.	0.	0.	0.	0
BLACKFOOT RIVER SEC 03	POWELL/LEWIS & CLARK	2/04-0660/01	173.	132.	5.	173.	132.	5.	5.	0.	0.	0.	0
BLACKTAIL CREEK	SILVER BOW	3/06-0570/01	140.	140.	3.	140.	140.	3.	3.	0.	0.	0.	0
BOULDER RIVER SEC 01	SWEET GRASS	5/22-0742/01	155.	128.	5.	0.	0.	0.	0.	155.	128.	5.	0
BOZEMAN CREEK	GALLATIN	3/09-0542/01	155.	110.	6.	155.	110.	6.	6.	0.	0.	0.	0
CALLAHAN CREEK	LINCOLN	1/11-0860/01	52.	52.	2.	52.	52.	2.	2.	0.	0.	0.	0
CANAS LAKE	MEAGHER	4/17-8784/03	172.	172.	5.	172.	172.	5.	5.	0.	0.	0.	0
CANYON FERRY RESERVOIR	LEWIS & CLARK/BROADWATER	3/17-8832/05	791.	323.	23.	791.	323.	23.	23.	0.	0.	0.	0
CASTLE ROCK LAKE	ROSEBUD	7/21-2527/08	78.	78.	3.	78.	78.	3.	3.	0.	0.	0.	0
CATARACT CREEK RESERVOIR	MADISON	3/10-8460/20	103.	103.	3.	103.	103.	3.	3.	0.	0.	0.	0
CLARK CANYON RESERVOIR	BEAVERHEAD	3/01-8610/05	294.	162.	9.	294.	162.	9.	9.	0.	0.	0.	0
CLARK FORK RIVER SEC 01	SANDERS	1/05-1440/01	404.	404.	10.	404.	404.	10.	10.	0.	0.	0.	0

Statewide Angling Pressure Estimates Sorted Alphabetically  
For the Entire Year

Mar 95 - Feb 96

STREAM NAME	COUNTY	WATER CODE	TOTALS			RESIDENT			NON RESIDENT			STATE REGN	
			PRESSURE	ERROR	TRIPS	PRESSURE ERROR	TRIPS	PRESSURE ERROR	PRESSURE	ERROR	TRIPS	RANK	RANK
CLARK FORK RIVER SEC 02	SANDERS/MINERAL/MISSOULA	2/05-1456/01	536.	366.	12.	323.	324.	8.	213.	172.	4.	0	0
CLARK FORK RIVER SEC 03	MISSOULA/GRANITE/POWELL	2/06-1121/01	31.	31.	1.	0.	0.	0.	31.	31.	1.	0	0
CLARKS FK YELLOWSTONE SEC 2	CARBON	5/22-1176/01	155.	155.	5.	0.	0.	0.	155.	155.	5.	0	0
CLIFF LAKE	MADISON	3/13-7320/03	124.	124.	4.	0.	0.	0.	124.	124.	4.	0	0
CROW CREEK	BROADWATER	3/17-1888/01	81.	57.	2.	81.	57.	2.	0.	0.	0.	0	0
DRY CREEK	BROADWATER	3/17-2320/01	69.	69.	2.	69.	69.	2.	0.	0.	0.	0	0
DRY CREEK	BROADWATER	3/17-2336/01	40.	40.	1.	40.	40.	1.	0.	0.	0.	0	0
DUCK LAKE	GLACIER	4/19-1000/03	63.	63.	2.	63.	63.	2.	0.	0.	0.	0	0
E FK BIG SPRING CREEK	FERGUS	4/16-1340/01	445.	445.	11.	445.	445.	11.	0.	0.	0.	0	0
EARTHQUAKE LAKE	MADISON	3/13-8160/03	93.	93.	3.	0.	0.	0.	93.	93.	3.	0	0
EAST ROSEBUD CREEK	CARBON	5/22-2254/01	109.	109.	2.	0.	0.	0.	109.	109.	2.	0	0
EUREKA RESERVOIR	TETON	4/14-7320/05	103.	103.	3.	103.	103.	3.	0.	0.	0.	0	0
FABER RESERVOIR	BLAINE	6/15-5140/07	162.	162.	4.	162.	162.	4.	0.	0.	0.	0	0
FISH & GAME HDQ POND #1	GALLATIN	3/09-8018/07	130.	130.	5.	130.	130.	5.	0.	0.	0.	0	0
FLAT LAKE	MCONE	6/16-5110/07	396.	396.	5.	396.	396.	5.	0.	0.	0.	0	0
FLATHEAD LAKE	FLATHEAD/LAKE	1/07-6400/03	142.	102.	4.	80.	80.	2.	62.	62.	2.	0	0
FLATHEAD RIVER SEC 02	FLATHEAD	1/07-1560/01	187.	130.	5.	187.	130.	5.	0.	0.	0.	0	0
FORT PECK LAKE	VALLEY/MCONE	6/16-5140/06	259.	132.	9.	259.	132.	9.	0.	0.	0.	0	0
GALLATIN RIVER SEC 01	GALLATIN	3/09-2090/01	150.	107.	4.	88.	88.	2.	62.	62.	2.	0	0
GALLATIN RIVER SEC 02	GALLATIN	3/09-6878/01	517.	262.	14.	237.	139.	5.	280.	222.	9.	0	0
GALLATIN RIVER SEC 03	GALLATIN	3/09-6916/01	484.	261.	15.	298.	175.	9.	166.	98.	6.	0	0
GARTSIDE LAKE	RICHLAND	7/21-3250/07	202.	202.	5.	202.	202.	5.	0.	0.	0.	0	0
GEORGETOWN LAKE	GRANITE/DEER LODGE	2/06-7961/05	620.	272.	16.	620.	272.	16.	0.	0.	0.	0	0
GREBE RESERVOIR #1	ROSEBUD	7/18-7725/07	31.	31.	1.	0.	0.	0.	31.	31.	1.	0	0
HAUSER LAKE	LEWIS & CLARK	4/17-9056/05	439.	242.	12.	391.	237.	10.	48.	48.	2.	0	0
HEDGEN LAKE	GALLATIN	3/13-7720/05	570.	265.	19.	0.	0.	0.	570.	265.	19.	0	0
HOLLECKER LAKE	DANSON	7/21-3832/20	63.	63.	2.	63.	63.	2.	0.	0.	0.	0	0
HOLTER LAKE	LEWIS & CLARK	4/17-9136/05	625.	266.	18.	625.	266.	18.	0.	0.	0.	0	0
HUBBART RESERVOIR	FLATHEAD	1/07-6840/05	34.	34.	1.	34.	34.	1.	0.	0.	0.	0	0
HYALITE RESERVOIR	GALLATIN	3/09-8512/05	166.	136.	4.	166.	136.	4.	0.	0.	0.	0	0

06/26/97

Statewide Angling Pressure Estimates Sorted Alphabetically  
For the Entire Year

Mar 95 - Feb 96

STREAM NAME	COUNTY	WATER CODE	TOTALS			RESIDENT			NON-RESIDENT			STATE REGN	
			PRESSURE	ERROR	TRIPS	PRESSURE	ERROR	TRIPS	PRESSURE	ERROR	TRIPS	RANK	RANK
ISLAND LAKE		5/22-8163/03	121.	121.	3.	121.	121.	3.	0.	0.	0.	0	0
JEFFERSON RIVER		3/10-3840/01	274.	245.	7.	243.	243.	6.	31.	31.	1.	0	0
KIPP LAKE		4/14-7960/05	44.	44.	1.	44.	44.	1.	0.	0.	0.	0	0
KOOTENAI RIVER		1/11-3500/01	484.	307.	13.	422.	300.	11.	62.	62.	2.	0	0
LAKE ALVA		2/04-6120/03	438.	438.	10.	438.	438.	10.	0.	0.	0.	0	0
LAKE COMO		2/03-7675/03	47.	47.	1.	47.	47.	1.	0.	0.	0.	0	0
LAKE ELMO		5/22-7777/07	34.	34.	1.	34.	34.	1.	0.	0.	0.	0	0
LAKE FRANCES		4/14-7440/06	44.	44.	1.	44.	44.	1.	0.	0.	0.	0	0
LAKE MARY RONAN		1/07-7700/03	237.	186.	6.	175.	175.	4.	62.	62.	2.	0	0
LAUREL POND		5/22-8362/07	34.	34.	1.	34.	34.	1.	0.	0.	0.	0	0
LITTLE BIGHORN RIVER SEC 02		5/22-3668/01	31.	31.	1.	0.	0.	0.	31.	31.	1.	0	0
MADISON RIVER SEC 01		3/13-3400/01	1981.	1053.	50.	1546.	1026.	36.	435.	241.	14.	0	0
MADISON RIVER SEC 02		3/13-3440/01	1660.	485.	45.	277.	237.	6.	1383.	423.	39.	0	0
MADISON RIVER SEC 03		3/13-3520/01	1328.	1045.	36.	1211.	1041.	34.	117.	83.	2.	0	0
MARIAS RIVER SEC 01		4/14-3240/02	552.	417.	12.	172.	172.	5.	380.	380.	7.	0	0
MCDONALD CREEK		1/08-4620/01	69.	69.	2.	69.	69.	2.	0.	0.	0.	0	0
MISSOURI RIVER SEC 06B		4/16-2522/02	172.	172.	5.	172.	172.	5.	0.	0.	0.	0	0
MISSOURI RIVER SEC 08		4/17-4880/01	751.	432.	19.	627.	413.	15.	124.	124.	4.	0	0
MISSOURI RIVER SEC 09		4/17-4896/01	1542.	785.	28.	1178.	741.	20.	364.	287.	8.	0	0
MISSOURI RIVER SEC 10A		4/17-4913/01	104.	104.	4.	104.	104.	4.	0.	0.	0.	0	0
MISSOURI RIVER SEC 12		3/17-4944/01	83.	83.	1.	83.	83.	1.	0.	0.	0.	0	0
MUSSELSHELL RIVER DRAINAGE		5/18-9455/20	202.	202.	5.	202.	202.	5.	0.	0.	0.	0	0
MUSSELSHELL RIVER SEC 01		5/18-4320/01	414.	414.	12.	414.	414.	12.	0.	0.	0.	0	0
N FK SUN RIVER		4/20-4400/01	153.	153.	2.	0.	0.	0.	153.	153.	2.	0	0
NELSON RESERVOIR		6/15-6480/06	158.	158.	2.	158.	158.	2.	0.	0.	0.	0	0
NILAN RESERVOIR		4/20-7900/05	63.	63.	2.	63.	63.	2.	0.	0.	0.	0	0
NOKON RAPIDS RESERVOIR		1/05-9328/05	52.	52.	2.	52.	52.	2.	0.	0.	0.	0	0
PARK LAKE		3/17-9376/03	52.	52.	2.	52.	52.	2.	0.	0.	0.	0	0
PISHKUN RESERVOIR		4/20-7950/05	34.	34.	1.	34.	34.	1.	0.	0.	0.	0	0
PRICKLY PEAR CREEK		3/17-6032/01	26.	26.	1.	26.	26.	1.	0.	0.	0.	0	0

Statewide Angling Pressure Estimates Sorted Alphabetically  
For the Entire Year

Mar 95 - Feb 96

STREAM NAME	COUNTY	TOTALS			RESIDENT			NON-RESIDENT			STATE REGN		
		WATER CODE	PRESSURE	ERROR	TRIPS	PRESSURE ERROR	TRIPS	PRESSURE ERROR	TRIPS	PRESSURE ERROR	TRIPS	RANK	RANK
RED LODGE CREEK	CARBON	5/22-4886/01	109.	109.	2.	0.	0.	0.	109.	109.	2.	0	0
RESERVOIR LAKE	BEAVERHEAD	3/01-9380/05	44.	44.	1.	44.	44.	1.	0.	0.	0.	0	0
ROCK CREEK SEC 01	MISSOULA/GRANITE	2/06-5263/01	244.	215.	11.	0.	0.	0.	244.	215.	11.	0	0
ROCK CREEK SEC 01	CARBON	5/22-4928/01	202.	108.	4.	148.	93.	3.	54.	54.	1.	0	0
ROCK CREEK SEC 02	GRANITE	2/06-5282/01	124.	88.	4.	0.	0.	0.	124.	88.	4.	0	0
S FK HORSE CREEK	PARK	3/22-5768/01	93.	93.	3.	0.	0.	0.	93.	93.	3.	0	0
S FK SUN RIVER	LEWIS & CLARK	4/20-5600/01	153.	153.	2.	0.	0.	0.	153.	153.	2.	0	0
SAGE CREEK	JUDITH BASIN/FERGUS	4/16-3200/01	52.	52.	2.	52.	52.	2.	0.	0.	0.	0	0
SEYMOUR CREEK	DEER LODGE	3/02-5300/01	69.	69.	2.	69.	69.	2.	0.	0.	0.	0	0
SHEL-COLE RESERVOIR	TOOLE	4/14-8935/07	26.	26.	1.	26.	26.	1.	0.	0.	0.	0	0
SHIELDS RIVER SEC 02	PARK	3/22-5348/01	40.	40.	1.	40.	40.	1.	0.	0.	0.	0	0
SLOUGH CREEK	PARK	5/22-5586/01	62.	62.	2.	0.	0.	0.	62.	62.	2.	0	0
SMITH RIVER RESERVOIR	MEAGHER	4/17-9616/05	40.	40.	1.	40.	40.	1.	0.	0.	0.	0	0
SMITH RIVER SEC 01	CASCADE	4/17-6816/01	93.	93.	3.	0.	0.	0.	93.	93.	3.	0	0
SMITH RIVER SEC 02	CASCADE/MEAGHER	4/17-6832/01	130.	93.	5.	130.	93.	5.	0.	0.	0.	0	0
SPLIT ROCK LAKE	TETON	4/20-8200/04	79.	79.	1.	79.	79.	1.	0.	0.	0.	0	0
STILLWATER RIVER SEC 01	STILLWATER	5/22-6104/01	109.	78.	3.	47.	47.	1.	62.	62.	2.	0	0
SURPRISE CREEK RESERVOIR	JUDITH BASIN	4/16-8450/07	80.	80.	2.	80.	80.	2.	0.	0.	0.	0	0
SWAN LAKE	LAKE	1/07-9000/05	62.	62.	2.	0.	0.	0.	62.	62.	2.	0	0
SWAN RIVER SEC 01	FEATHERHEAD/LAKE	1/07-4560/01	92.	66.	3.	92.	66.	3.	0.	0.	0.	0	0
TERRACE LAKE	LAKE	1/07-8751/03	34.	34.	1.	34.	34.	1.	0.	0.	0.	0	0
THREE FORKS POND	GALLATIN	3/13-8639/07	155.	155.	6.	155.	155.	6.	0.	0.	0.	0	0
TOBACCO RIVER	LINCOLN	1/11-6920/01	52.	52.	2.	52.	52.	2.	0.	0.	0.	0	0
TONGUE RIVER RESERVOIR	BIG HORN	7/21-9000/06	398.	336.	6.	69.	69.	2.	329.	329.	4.	0	0
UNDESIGNATED WATERS	YELLOWSTONE PARK	0/00-0100/00	93.	93.	3.	0.	0.	0.	93.	93.	3.	0	0
UNDESIGNATED WATERS	BOB MARSHALL WILDERNESS	0/00-0575/00	526.	526.	12.	526.	526.	12.	0.	0.	0.	0	0
WADE LAKE	MADISON	3/13-8920/03	242.	144.	8.	0.	0.	0.	242.	144.	8.	0	0
WEST ROSEBUD CREEK	STILLWATER	5/22-6804/01	132.	95.	4.	78.	78.	3.	54.	54.	1.	0	0
WILD BILL LAKE	CARBON	5/22-9763/03	34.	34.	1.	34.	34.	1.	0.	0.	0.	0	0
WILLOW CREEK RESERVOIR	MADISON	3/10-9440/05	153.	91.	4.	153.	91.	4.	0.	0.	0.	0	0

06/26/97

Statewide Angling Pressure Estimates Sorted Alphabetically  
For the Entire Year

Mar 95 - Feb 96

STREAM NAME	COUNTY	WATER CODE	TOTALS			PRESIDENT			INON			STATE REGN	
			PRESSURE	ERROR	TRIPS	PRESSURE	ERROR	TRIPS	PRESSURE	ERROR	TRIPS	RANK	RANK
WILLOW CREEK RESERVOIR	LEWIS & CLARK	4/20-8500/05	34.	34.	1.	34.	34.	1.	0.	0.	0.	0	0
WISE RIVER	BEAVERHEAD	3/02-7025/01	62.	62.	2.	0.	0.	0.	62.	62.	2.	0	0
YELLOW WATER LAKE	PETROLEUM	4/18-9508/06	132.	93.	4.	132.	93.	4.	0.	0.	0.	0	0
YELLOWSTONE RIVER DRAINAGE	CARBON	5/22-7428/20	109.	109.	2.	0.	0.	0.	109.	109.	2.	0	0
YELLOWSTONE RIVER SEC 01	RICHLAND/DAWSON/PRAIRIE	7/21-1350/02	620.	502.	18.	620.	502.	18.	0.	0.	0.	0	0
YELLOWSTONE RIVER SEC 03	YELLOWSTONE	5/22-7001/02	34.	34.	1.	34.	34.	1.	0.	0.	0.	0	0
YELLOWSTONE RIVER SEC 04A	YELLOWSTONE/STILLWATER	5/22-7015/01	121.	98.	4.	121.	98.	4.	0.	0.	0.	0	0
YELLOWSTONE RIVER SEC 05	STILLWATER	5/22-7028/01	26.	26.	1.	26.	26.	1.	0.	0.	0.	0	0
YELLOWSTONE RIVER SEC 06A	STILLWATER/SWEET GRASS	5/22-7043/01	44.	44.	1.	44.	44.	1.	0.	0.	0.	0	0
YELLOWSTONE RIVER SEC 07A	SWEET GRASS/PARK	5/22-7057/01	104.	104.	4.	104.	104.	4.	0.	0.	0.	0	0
YELLOWSTONE RIVER SEC 07B	PARK	3/22-7058/01	104.	85.	2.	0.	0.	0.	104.	85.	2.	0	0
YELLOWSTONE RIVER SEC 08A	PARK	3/22-7071/01	421.	237.	9.	225.	168.	6.	196.	168.	3.	0	0
YELLOWSTONE RIVER SEC 08B	PARK	3/22-7072/01	124.	76.	4.	0.	0.	0.	124.	76.	4.	0	0
YELLOWSTONE RIVER SEC 09	PARK	3/22-7084/01	143.	92.	4.	81.	81.	2.	62.	44.	2.	0	0

# **Montana Department of Fish, Wildlife & Parks**



## **MEMORANDUM**

**TO:** Dick Vincent

**DATE:** 10-12-95

**FROM:** Mark Lere

**SUBJECT:** Preliminary creel summary for Madison River for June through September, 1995.

MONTH	# OF INTERV.	HOURS FISHED	NUMBER CAUGHT			CATCH RATE (#/HR)		
			RB	LL	MWF	RB	LL	MWF
Upper River:								
June	275	763.50	236	245	220	0.31	0.32	0.26
			1981 Pine Butte creel:			0.76	0.23	
July	558	1,775.20	272	507	530	0.15	0.29	0.30
			1981 Pine Butte creel:			0.60	0.21	
August	366	1,255.00	186	489	264	0.15	0.39	0.21
			1981 Pine Butte creel:			0.67	0.28	
Sept.	251	797.50	174	277	105	0.22	0.35	0.13
			1981 Pine Butte creel:			0.45	0.21	
TOTAL	1,450	4,591.20	868	1,518	1,119	0.19	0.33	0.24
			1981 Pine Butte creel:			0.63	0.23	
Lower River:								
June	311	774.00	162	589	75	0.21	0.76	0.10
July	311	840.90	91	369	79	0.11	0.44	0.09
August	142	256.00	81	129	24	0.32	0.50	0.09
Sept.	205	401.00	107	207	35	0.27	0.52	0.09
TOTAL	969	2,271.90	441	1,294	213	0.19	0.57	0.09

**Note:** Data are preliminary until edited, key-punched and summarized on computer.

**cc:** Pat Clancey  
Fred Nelson  
Larry Peterman