

MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS

FISHERIES DIVISION

JOB PERFORMANCE REPORT

State: Montana Title: Southwest Montana Fisheries Investigation
Project No: F-9-R-31 Title: Fishing Regulation Evaluation on Major
Job No: IIc Trout Waters
Job Duration: July 1, 1982 through June 30, 1983
Report Period: April 1, 1982 through March 31, 1983

OBJECTIVES

1. To determine the effort of angling on total numbers, size composition, species composition, age composition and total mortality rates on wild trout populations in one section of the Madison River and two in the Gallatin River.
2. To monitor the status of wild trout populations in a "closed to fishing" section of the Madison River and compare to "open to fishing" years.

DEGREE OF ATTAINMENT

1. Spring (March-April) and fall (September-October) wild brown and rainbow trout population estimates were made for the Pine Butte section of the Madison River and the Jack Smith Bridge and Durnam Bridge study sections on the Gallatin River. Data will be presented in a future progress report.
2. Fall (September) wild brown and rainbow trout population estimates were made on the "closed to fishing" section. Data will be presented in a future progress report.

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Date: September 13, 1983