

MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS
FISHERIES DIVISION
JOB PROGRESS REPORT

State: Montana Title: Southwest Montana Fisheries Study
Project No.: F-9-R-33 Title: Investigation of the Influence of
Job No.: II-a Clark Canyon Reservoir on the
Stream Fishery of the Beaverhead
River
Project Period: July 1, 1984 through June 30, 1985
Report Period: July 1, 1985 through June 30, 1985

Objectives

1. To determine spring and fall trout populations in at least two sections of the Beaverhead River.
2. To evaluate the effect of flow releases on trout populations.
3. To evaluate the effects of population density on trout growth.

Degree of Attainment

1. Spring trout population estimates were made for the Hildreth and Pipe Organ study sections on the Beaverhead River. Another study section, the Henneberry section was added to assess the effect of winter angling. Fall population estimates were not completed in 1984 due to flood flows in the river. Data will be presented in a future progress report.
2. Daily discharge was monitored at the Grant station on the Beaverhead River and related to trout populations. Data will be presented in a future progress report.
3. Fish population density was related to age and growth data. Data will be presented in a future progress report.

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Date: August 21, 1985