

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

STATE: Montana TITLE: Southwestern Montana Fisheries  
PROJECT NO.: F-9-R-29 Investigation  
JOB NO.: II-b TITLE: Madison River Temperature  
Study

Period Covered: April 1, 1980 through March 31, 1981

OBJECTIVES

The objectives of this job were: (1) To determine if higher water temperatures below Ennis Reservoir are having detrimental effects on wild trout populations through changes in age structure, size composition, species composition and growth rates; (2) To obtain wild trout population estimates to include age structure, size composition, species composition and condition factors; (3) To gather water temperature data above and below Ennis Reservoir from April through September; and, (4) To determine if a correlation exists between water temperatures and growth rates from the April through September period.

ACCOMPLISHMENTS

All objectives stated above were accomplished. Data analysis is in progress on the work accomplished and the results will be written in subsequent progress reports.

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Date: February 1, 1982