

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

*Chris Hunter
Helena*



MONTHLY PROGRESS REPORT

RECEIVED

Project Title: Montana Rivers Information System (MRIS)
Project Number: BPA 38573, MDFWP 3874-7 and 3874-9
Project Manager: Janet Decker-Hess
Project Biologist: Gael Bissell
Recreation Technician: Denise Davies
Report for the Month: March 1991

MAY 8 - 1991

FISHERIES DIV.
DEPT. FISH WILDLIFE & PARKS

1. Summary of significant results.

Project Management and Fisheries: Corrected fisheries cross-reference file. Put on technician temporarily while Gael Bissell is off the project. Technician organized all resource maps and overlays by latitude/longitude system, printed out stream reaches in Region 1 and 2 for fisheries update, attached fishing regulation to stream reach, and worked on wildlife cross-reference.

Received interagency fisheries data in new structure, report form for map work, and several files to compare EPA river reach numbering system to the interagency data from Jim Senkler. Further modified report form to include recreation data and other attributes from map. Organized trait look-up table for fisheries attributes by land/water activity and recoded them.

Began update of Swan drainage for fisheries. Process went smoothly, but slowly, majority of reach breaks not broken at a tributary were either lumped, or both records will be displayed for one RRN.

Took vacation from March 25-29.

Wildlife: Worked on cross-reference file.

Recreation: Recrossed recreation data in reverse; searched printout of streams with recreation data and no corresponding river reach number. Re-edited cross file. Finalized data structure with MRIS programmer and cleaned up old structure files. Began imputing existing recreation data into new structure. Continued recreation data search and literature review of new MRIS recreation data. Completed second draft of National Park Service Rivers and Trails Assistance application. Created river interest group mailing list for western wildlands. Prepared for Greenway workshop in Helena.

NRIS: Mike Darling, USGS Portland Office, called and is interested in assigning EPA River Reach Numbers (EPA RRN) to streams east of divide in Montana. Cost: \$100K. We will contact other

agencies and groups that could make use of the data and determine if they could help support the project. Allan Cox and Jim Stimson will be giving presentations on the NRIS program and GIS projects at the State/EPA Data Management (SEDM) Conference in Denver, April 15-17. Jim Stimson will provide demonstrations of the MRIS, Data Directory, and MWDI. Bruce Fisher, USGS Portland Office, will be sending GIS coverages of the hydrography data, including EPA RRNs, for western Montana.

REQUESTS FOR MONTANA RIVERS INFORMATION SYSTEM DATA

- A-UM WHAT IS WANTED: MRIS search completed for Mol Heron Creek in Bozeman area.
- F-MISC WHAT IS WANTED: Copy of the MRIS system disks and associated materials.
- P-PC WHAT IS WANTED: Copy of the MRIS database.
- P-PC WHAT IS WANTED: Needs a document and MRIS search for the Flathead Res, Keywords: vegetation, wildlife, soils, culture, air quality, etc.
- P-PC WHAT IS WANTED: Information about GIS coverages of the area, and of any potential sources of hardcopy maps of the area which could be digitized (specifically for fisheries, landuse, landcover). Include list of flow stations on the main stem, any fisheries data.
- P-PC WHAT IS WANTED: General information concerning NRIS and the MRIS.
- P-PI WHAT IS WANTED: Needed information on mining, landuse, geology, gw, surface water, climate data, wildlife, vegetation, and fisheries. For the streamflow and climate data, wants summary screen only (provide copy of manual explaining screen). Interested in a 10-mile radius around section 9 and 10, T2N R2E.
- P-PNP WHAT IS WANTED: System disk for the Rivers Information System. Has kid was playing around with the computer and blew the system data off the computer.

2. Brief discussion major problems encountered, changes in work plan, or schedule deviations.

None.

3. Short description of planned activities for the following month.

Project Management and Fisheries: Continue updating interagency fisheries data base in Region One. Complete report format needed for map work/stream characteristic files for MRIS. Meet with Chris Hunter, special projects bureau chief, to prepare budget for next year. Complete printout of all streams in state needing fisheries update. Begin discussion with Fish Division concerning additional funding for FY92 to complete fish update and programming. Attend river managers workshop in Great Falls.

Wildlife: Continue work on wildlife cross-reference file.

Recreation: Will attend MDFWP/NPS Greenway workshop in Helena during the first week of April. Will continue imputing old recreation data into new structure. Will create entry screens and input new recreation data.

NRIS: Examine MRIS line file and outline steps needed to do the update. Jim Senkler will work on duties as outlined in July 19 meeting.

4. Itemized listing of each non-expendable item greater than \$1,000 and each designated sensitive item.

None.

c: Tom Pansky, BPA (3 copies)	Peter Paquet, NWPPC (Portland)
Dave Genter, Natural Heritage	Jim Stimson, NRIS
Larry Lockard, USFWS	Dan Hinkley, BLM (Billings)
Joe DosSantos, CSKT	Bob Haburchak, BLM (Billings)
Paul Hanson, U of M	Terry Lonner, R-3
Rick Stowell, USFS (Missoula)	Don Childress, Pat Graham, Fay Moore
Howard Johnson, Larry Peterman	Chris Hunter, Jim Domino
John Fraley, Gael Bissell	Dan Vincent, Denise Davies

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