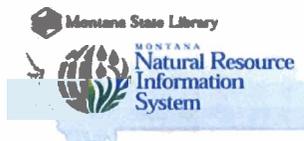


Brief Summary of NRIS Water Information System
EQC Agency Oversight Subcommittee
January 13, 2004



Established in 1985 by the Montana Legislature, the Montana **Natural Resource Information System (NRIS)** was designed to simplify the task of locating and acquiring natural resource information.

Statute: 'This system is to be a comprehensive program for the acquisition, storage, and retrieval of existing data relating to the natural resources of Montana'

Established at the Montana State Library as a neutral agency with no bias regarding the information it serves.



- Plant & Animal Data
- Natural Communities
- Reports
- Online Field Guides

- Water Quality
- Climate
- Surface & Ground-Water
- Water Rights
- Wetlands

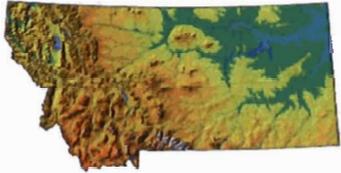
- Maps
- Map Data
- Analytical Services
- Technical Assistance
- Metadata

Montana On-Line Interactive Map Builder - Microsoft Internet Explorer

Address: http://nris.state.mt.us/mapper/index.html

Montana Natural Resource Information System Digital Atlas of Montana

- [About this Application](#)
- [Guided Tour](#)
- [Suggest New Map Ideas Here](#)



[Other Interactive Applications](#)

STEP 1: Choose one of the following search options:

- [County](#)
- [Highways](#)
- [Indian Reservation](#)
- [Legislative Districts](#)

Access to water-related data through NRIS Digital Atlas.

- [Township and Range](#)
- [Geographic Names](#)
- [Geographic Coordinates](#)
- [Watershed Boundaries](#)
 - [Subbasins \(USGS 4th Code\)](#)
 - [Watersheds \(NRCS 5th Code\)](#)
 - [Watershed Groups \(MT\)](#)
- [Build a Custom Study Area Query](#)
- [Use the Topfinder](#) to define a study area, then use the "Click Here to view other map data for this area" link.



The Institute of Museum and Library Services, a Federal agency that fosters innovation, leadership and a lifetime of

Address: http://nris.state.mt.us/mapper/ThemeList.asp?Profile=629603&Layer1=FWPSTREAMROUTE&Field1=LLID&Value1=11149244593

Census / Base Map Climate Environmental Impacts Land Information **Water** Biological Data

Surface Water

- Corps of Engineers 404 Permits – All
- Corps of Engineers 404 Permits – Nationwide Only
- DNRC Water Project Grants
- Floodplain Maps
- FWP Stream Data
- Lakes
- Hydrologic Units
- Major Lakes
- Major Streams
- Montana Watershed Group Areas
- Montana Dams
- Public Water Supplies
- USGS Gauging Stations
- Yellowstone River Physical Features Inventory
- Yellowstone River Physical Features Inventory with Corps 404 permits

Water-related data available for mapping and reporting.

Ground Water

- Public Water Supplies
- Ground-Water Information Center Wells

Water Rights (DNRC)

- Points of Diversion
- Points of Use
- Irrigation Points of Use

Water Quality

- 2000/2001 Surface Water Assessment (303d,305b)
- 2002 Surface Water Assessment (303d,305b)
- Water Quality Monitoring Sites, Classified by Agency
- Water Quality Monitoring Sites, Classified by Sample Type
- Water Quality Monitoring Sites, Classified by Number of Results

Wetlands

- **National Wetlands Inventory Data** [View Data Status Map](#)
- Polygons
- Points

Montana Bureau of Mines and Geology
Groundwater Information Center Site Report

Location Information

GWIC ID: 0646
 Location (TRS): 01N 04E 33 C08
 County (MT): GALLATIN
 DNRC Water Right:
 PWS ID:
 Block:
 Lot:
 Address:

Source of Data:
 Latitude (dd): 45.7892
 Longitude (dd): -111.2273
 Geomethod: TRS-TWN
 Datum: NAD27
 Certificate of Survey:
 Type of Site: WELL

Well Construction and Performance Data

Total Depth (ft): 60.00
 Static Water Level (ft): 30.00
 Pumping Water Level (ft):
 Yield (gpm): 8.00
 Test Type:
 Test Duration:
 Drill Stem Setting (ft):
 Recovery Water Level (ft):
 Recovery Time (hrs):
 Well Notes:

Hole Diameter Information
 No Hole Diameter Records currently in GWIC.

Annular Seal Information
 No Seal Records currently in GWIC.

Lithology Information
 No Lithology Records currently in GWIC.

All disasters reported are inside diameter of the casing.

Casing Information:
 From To Elev Description
 0.0 0.5 0

Completion Information:
 No Completion Records currently in GWIC.

Direct link to well log at MBMG
Groundwater Information Center
for selected well.

These data represent the contents of the GWIC databases at the Montana Bureau of Mines and Geology at the time and date of the retrieval. The information is considered unpublished and is subject to correction and review on a daily basis. The Bureau warrants the accurate transmission of the data to the original end user. Reproduction of the data to other users is discouraged and the Bureau claims no responsibility if the material is retransmitted. Note: non-reported casing, completion, and lithologic records may exist in paper files at GWIC.

Montana State Library
 MONTANA
 Natural Resource
 Information
 System

Montana Drought Monitoring

What's New...

- Montana State Temp and Precip For Last 24 Hours
- The MT Drought Plan is being updated in January. If you have comments contact Jesse Aber or call 444-6628.
- National Climate Data Center: Moisture Status
- 2003 USDA ECP Approved Counties
- Climate Policy Forum
- UM Announces Climate Center
- U.S. Drought Monitor
- Historical Cumulative Drought Deficits 1996

It is the policy of the local level to protect the natural resources, economic base and welfare of Montana Citizens. This policy requires programs for drought monitoring, assessment, preparedness, mitigation and assistance.

The Montana Drought Advisory Committee

- Drought Data & Maps
- Resources & Assistance
- Links to State, Federal Agencies & Other Organizations
- Drought Committee & Meeting Information
- News Articles
- What You Can Do

1515 East 6th Avenue, PO BOX 201800, Helena MT 59620-1800
 Tel: (406) 444-5354 Fax: (406) 444-9581

Comments or Questions

Extensive reports, links, and datasets for selected topics such as Drought.