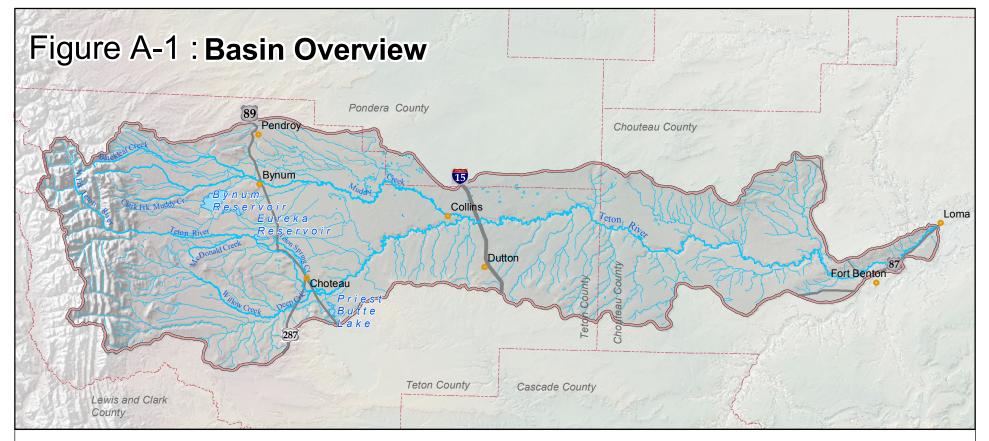
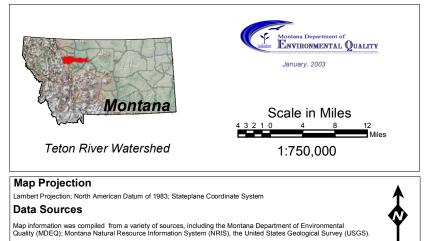
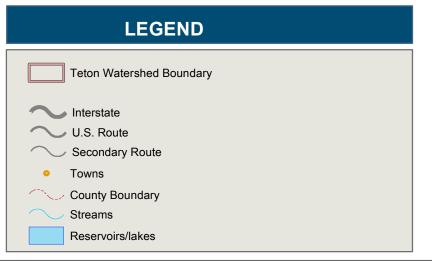
APPENDIX A

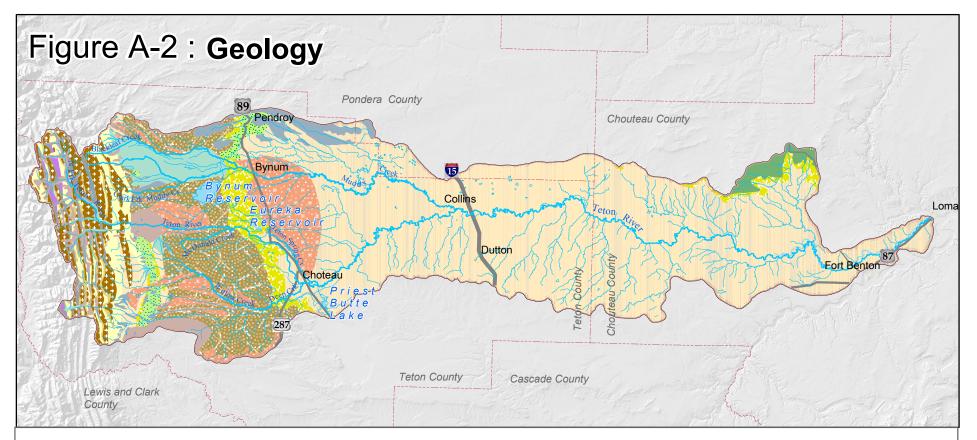
THEMATIC MAPS OF THE TETON RIVER WATERSHED

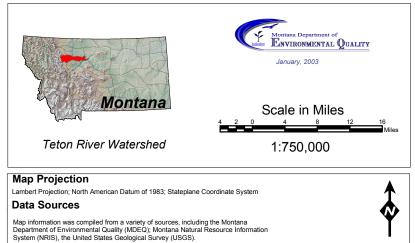
Figure A-1	Basin Overview
Figure A-2	Geology
Figure A-3	Water Quality Monitoring Sites
Figure A-4	Priest Butte Lakes Hydrology (1:120,000)
Figure A-5	Landcover/Landuse
Figure A-6	EcoRegions
Figure A-7	Species of Concern
Figure A-8	Ownership
Figure A-9a	Agricultural Lands and Irrigated Infrastructure
Figure A-9b	Agricultural Lands and Irrigated Infrastructure (Choteau - Bynum) 1:300,000
Figure A-10a	303(d) Listed Waterbodies (1996 list)
Figure A-10b	303(d) Listed Waterbodies (2002 List)
Figure A-11	Montana Waterbody Use Classification
Figure A-12	Rosgen Stream Type
Figure A-13a	Soil Salinity (Electrical Conductivity)
Figure A-13b	Soil Erodibility
Figure A-14	Riparian Zone Soils and Vegetation Species Distribution
Figure A-15	Permitted Point Sources and Septic Densities (zoom inset at 1:250,000)
Figure A-16	Proposed Temperature Monitoring Sites
Figure A-17	Proposed Water Quality Monitoring Sites
Figure A-18	Proposed Nutrient Monitoring Sites



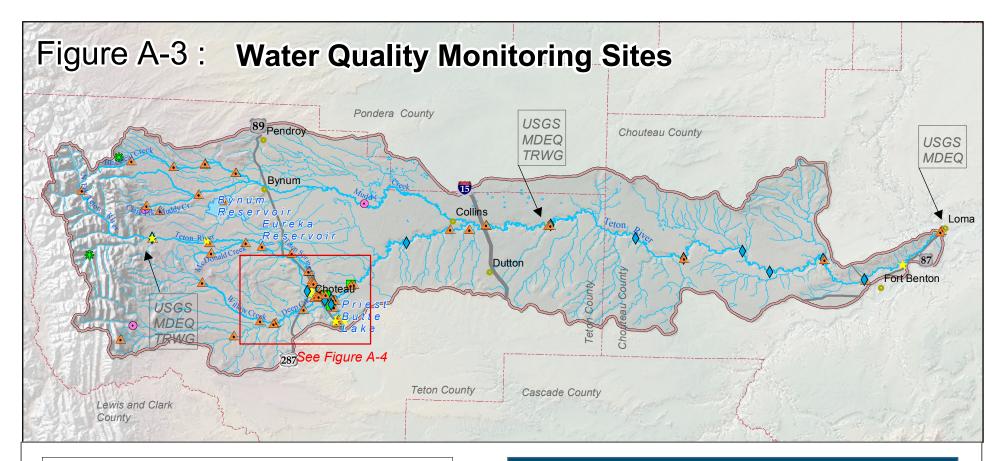


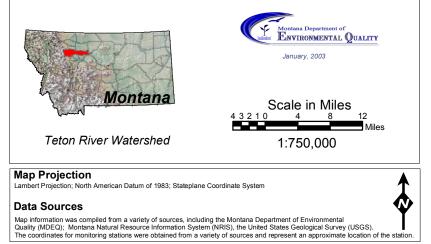




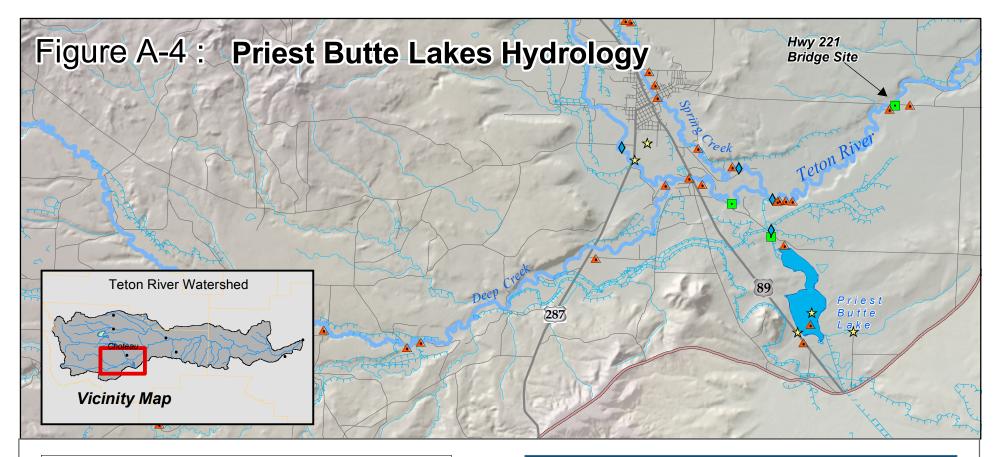


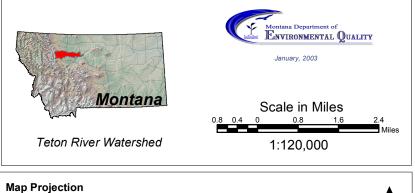
LEGEND FORMATION Ktc Formation Unit Name Watershed Boundary Alluvium Glacial Interstate Terrace deposits Tertiary sedimentary rocks, undifferentiated U.S. Route QTt Montana group, undifferentiated Claggett formation Secondary Route Ju Eagle sandstone Virgelle sandstone Towns Telegraph Creek formation Two Medicine formation County Boundary Kcl Colorado shale Streams Kootenia formation and associated rocks Jurrassic, undifferentiated Reservoirs/lakes Mississippian, undifferentiated OW Devonian, undifferentiated Cambrian, undifferentiated





LEGEND Monitoring Stations Watershed Boundary By Agency TRWG Interstate U.S. Route BLM Secondary Route **FWP** Towns **MDEQ** County Boundary **USFS** Streams USGS Reservoirs/lakes

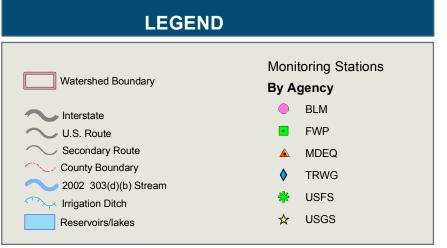


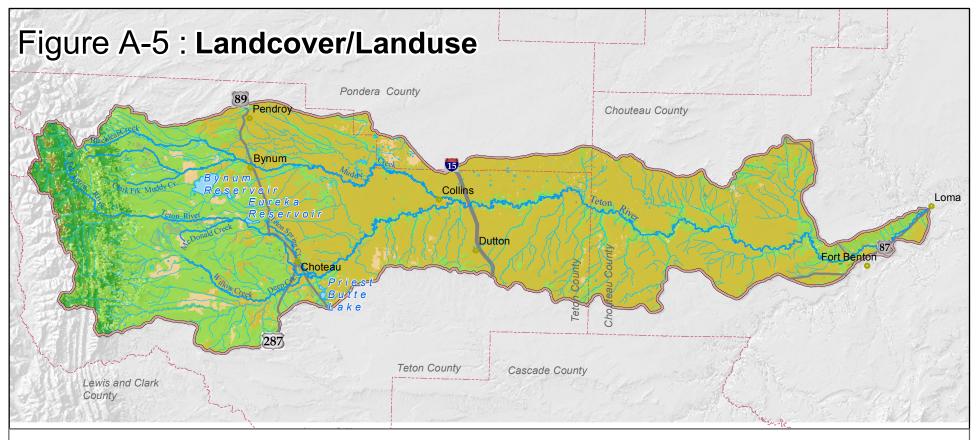


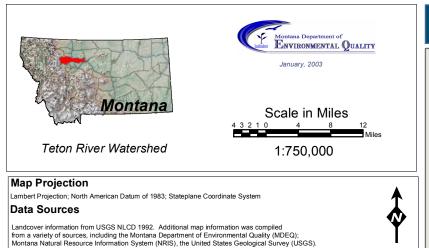
Lambert Projection; North American Datum of 1983; Stateplane Coordinate System

Data Sources

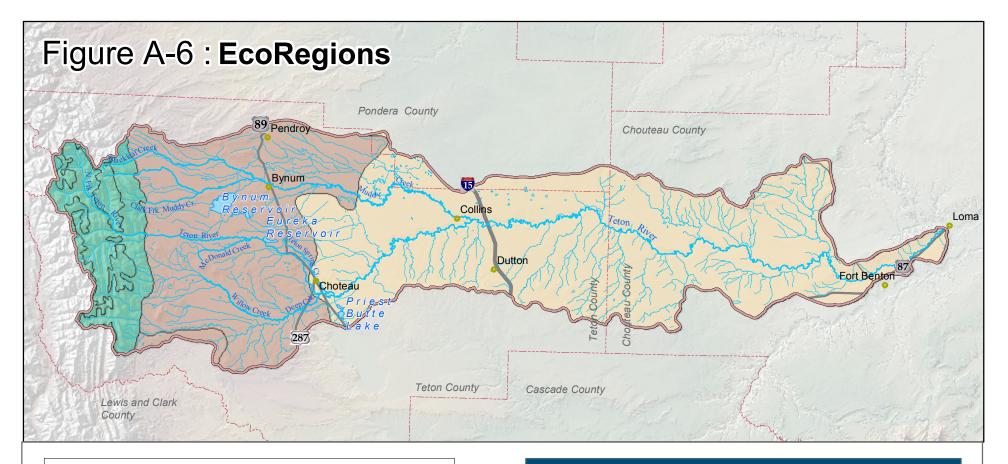
Map information was compiled from a variety of sources, including the Montana Department of Environmental Quality (MDEQ); Montana Natural Resource Information System (NRIS), the United States Geological Survey (USGS). The coordinates for monitoring stations were obtained from a variety of sources and represent an approximate location of the station.

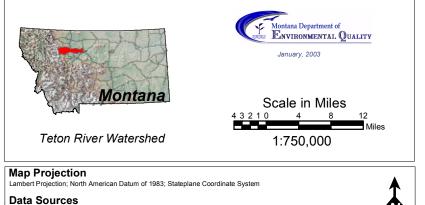






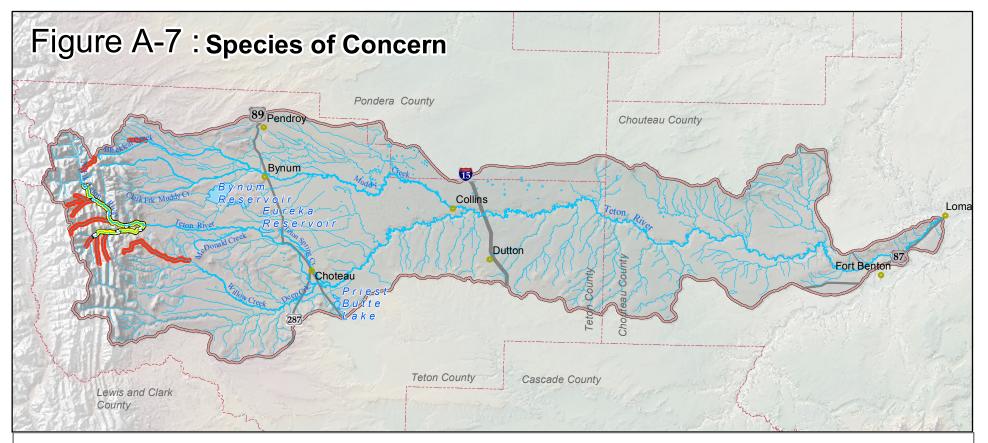
LEGEND Deciduous Forest Watershed Boundary Landcover/Landuse **Evergreen Forest** Ag - Non-pasture crops Shrubland Open Water Interstate Grassland Ice/Snow U.S. Route Ag - Pasture/hay Low Intensity Res. Secondary Route Urban/grasses High Intensity Res. Wetland - woody Towns Commercial/Industrial/Trans. Wetland - herbaceous **County Boundary** Bare rock/quarries Streams Reservoirs/lakes

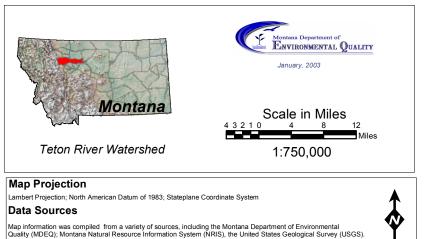




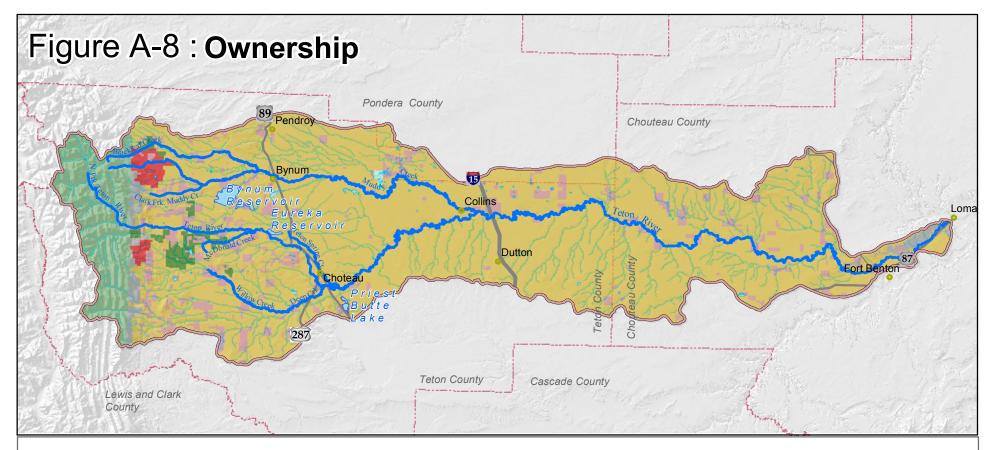
Map information was compiled from a variety of sources, including the Montana Department of Environmental Quality (MDEQ); Montana Natural Resource Information System (NRIS), and the United States Geological Survey (USGS).

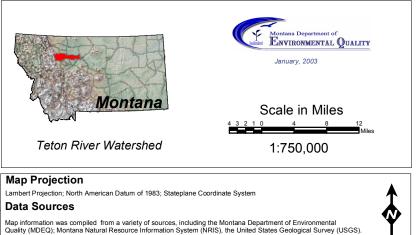
Interstate U.S. Route Secondary Route Watershed Boundary Towns County Boundary Streams Reservoirs/lakes EcoRegions - Level III 16 Montana Valley and Foothill Prairies 41 Canadian Rockies 42 Northwestern Glaciated Plains



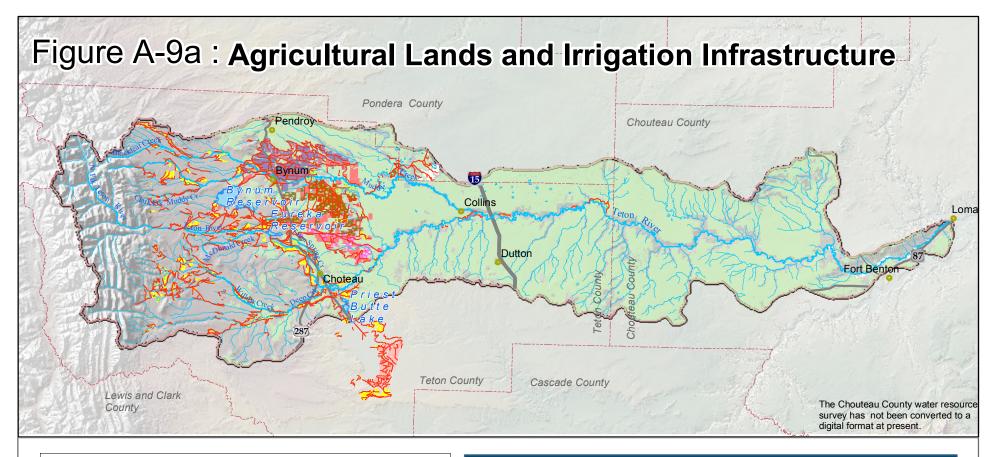


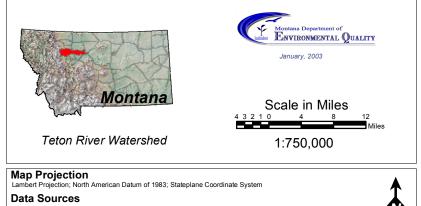
LEGEND Westslope Cutthroat Trout Watershed Boundary Harlequin Duck Interstate U.S. Route Secondary Route Towns NOTE: **Data from Montana Natural Heritage County Boundary** Program and may not cover/display Streams all potential occurances or distribution of ASC/T&E species. Reservoirs/lakes





LEGEND Ownership Watershed Boundary Boone & Crockett Club Montana Fish, Wildlife, and Parks Interstate Montana State trust lands - DNRC U.S. Route The Nature Conservancy Secondary Route U.S. Bureau of Land Management Towns U.S. Bureau of Reclamation **County Boundary** U.S. Fish and Wildlife Service Streams U.S. Forest Service undifferentiated private lands Reservoirs/lakes



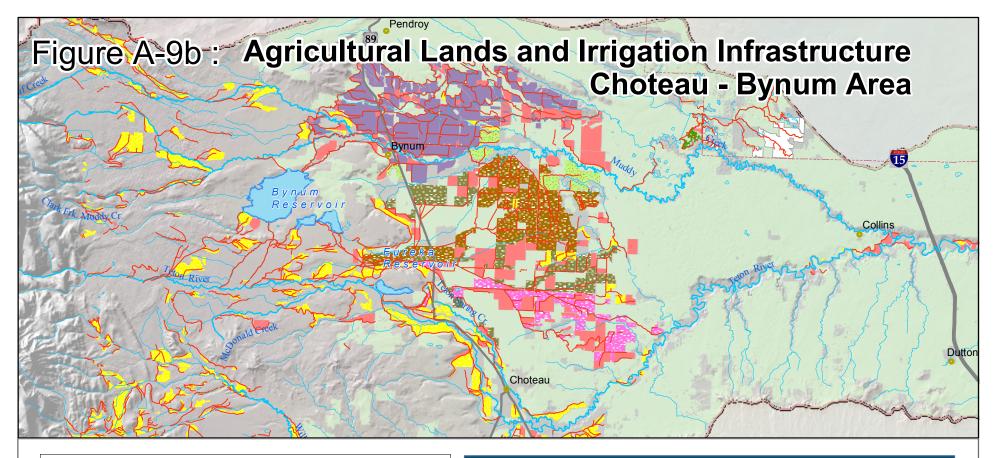


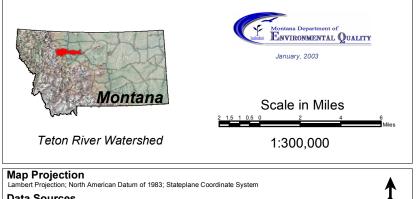
Map information was compiled from a variety of sources, including the Montana Department of Environmental Quality (MDEQ); Montana Natural Resource Information System (NRIS), the United States Geological Survey (USGS).

The county water resources surveys were completed in June 1964 for Chouteau County; June 1964 for Pondera County; and June 1962 for Teton County.

LEGEND





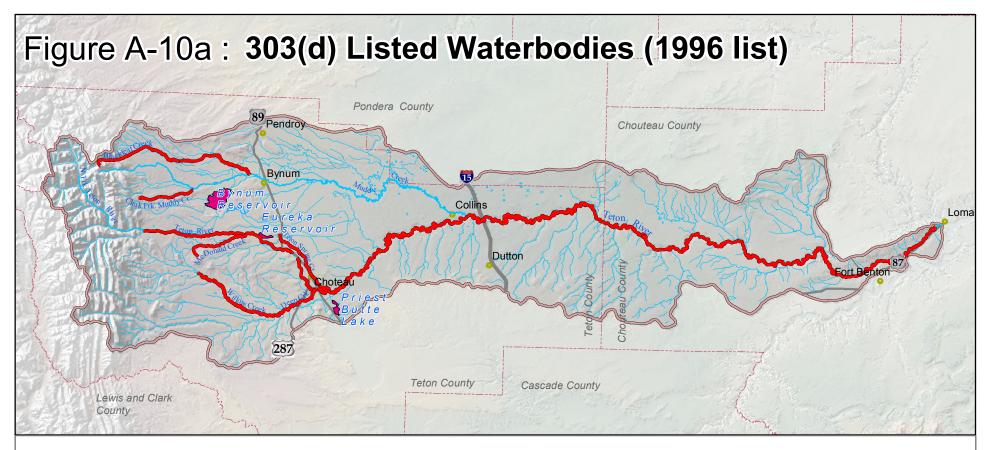


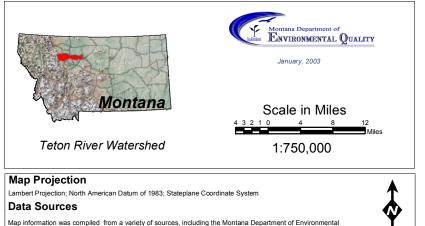
Data Sources

Map information was compiled from a variety of sources, including the Montana Department of Environmental Quality (MDEQ); Montana Natural Resource Information System (NRIS), the United States Geological Survey (USGS). The county water resources surveys were completed in June 1964 for Chouteau County; June 1964 for Pondera County; and June 1962 for Teton County.

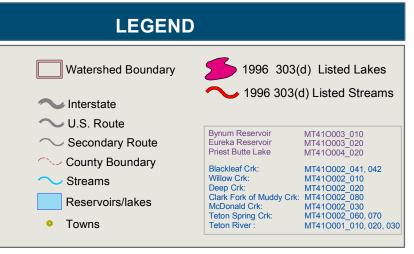
LEGEND

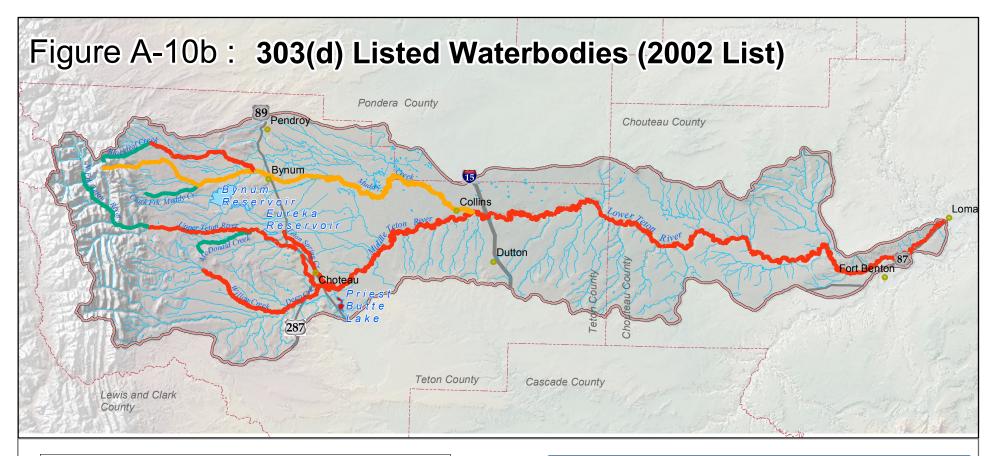


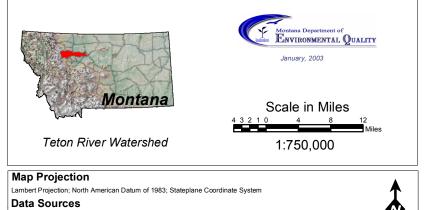




Quality (MDEQ); Montana Natural Resource Information System (NRIS), the United States Geological Survey (USGS).



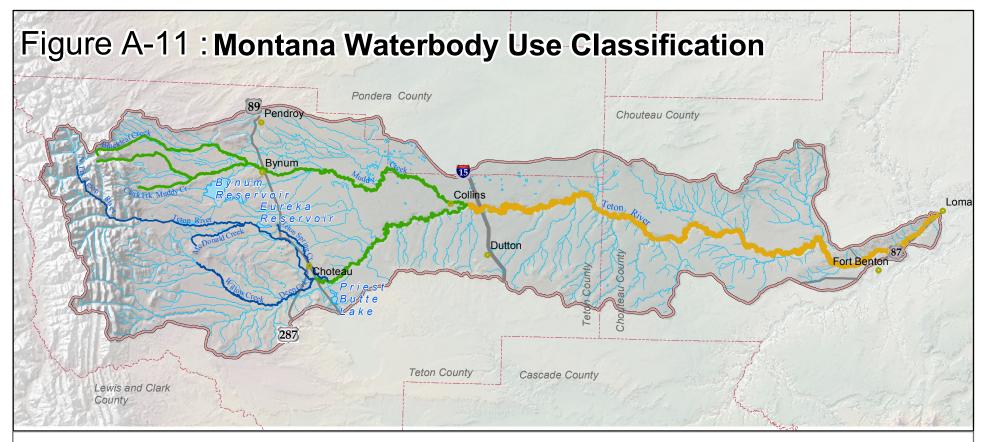


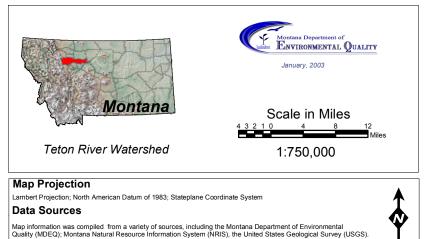


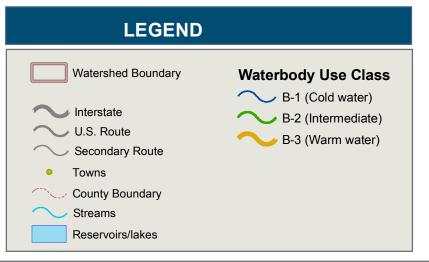
Map information was compiled from a variety of sources, including the Montana Department of Environmental

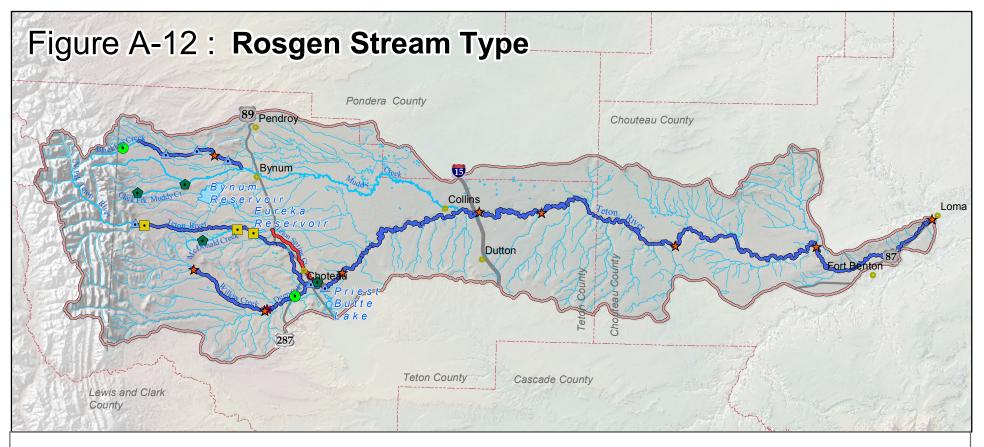
Quality (MDEQ); Montana Natural Resource Information System (NRIS), the United States Geological Survey (USGS).

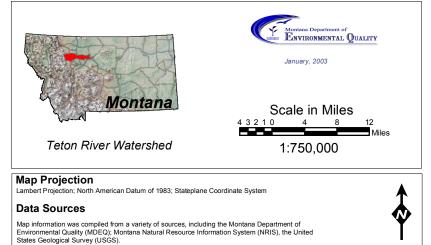
LEGEND 2002 303(d) Waterbodies Watershed Boundary 2002 303(d) Listed Lakes Full Use Support Interstate Impaired Use Support U.S. Route Undetermined Use Support Secondary Route Towns MT41O004_020 Priest Butte Lake: **County Boundary** Blackleaf Creek: MT410002 041, 042 Deep Creek: MT410002 020 MT41O001_010, 020, 030, 050 MT41O002_010 Streams Teton River: Willow Creek: Spring Creek: MT41O002 060, 070 Reservoirs/lakes Muddy Creek: MT41O002_090 McDonald Creek: MT410002 030

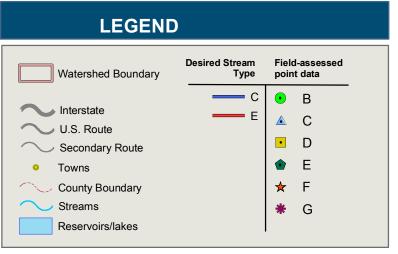


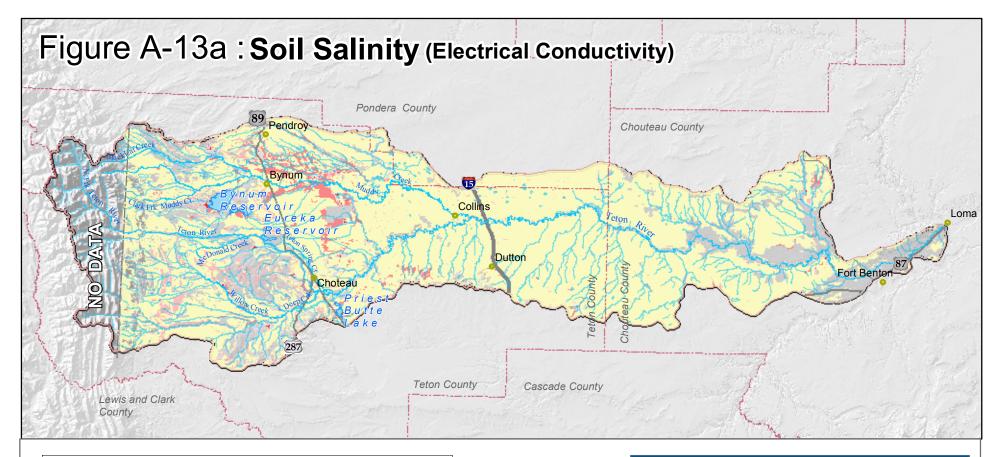


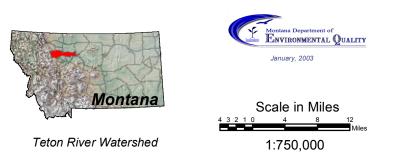










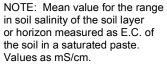


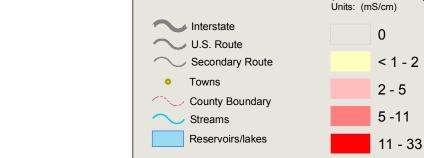
Map Projection

Lambert Projection; North American Datum of 1983; Stateplane Coordinate System

Data Sources

Soil Salinity (electrical conductivity) values were derived from the dominate soil and reflect the mean value for the entire profile at depth of 150 cm. Units are milliseimens/centemeter (mS/cm). Soil data from NRCS. Additional map information was compiled from a variety of sources, including the Montana Department of Environmental Quality (MDEQ); Montana Natural Resource Information System (NRIS), the United States Geological Survey (USGS).





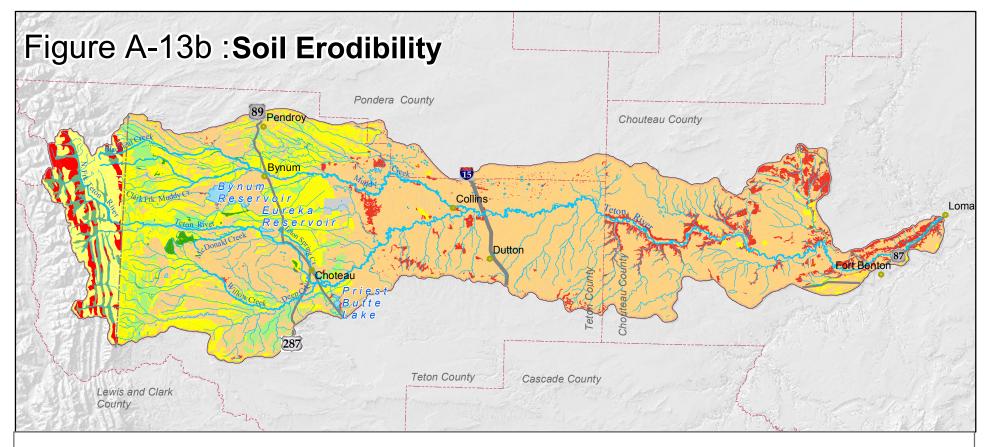
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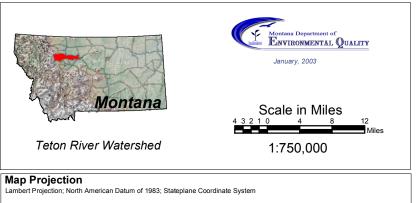
Watershed Boundary

Ssurgo - Soil Salinity

(Electrical Conductivity)







Soil erodibility is for the entire profile and dominant soil. Kw from Ssurgo soils database (NRCS) and Land Type Association (LTA) is from the USFS. Additional map information was compiled from a variety of sources, including the Montana Department of Environmental Quality (MDEQ); Montana Natural Resource Information System (NRIS), the United States Geological Survey (USGS).

Data Sources

*

LEGEND

