

Aquatic Conservation Area (MT)



Tags

Tier One Aquatic Focus Areas, Montana

FGDC Metadata (read-only)

Identification

CITATION

CITATION INFORMATION

ORIGINATOR Montana Fish, Wildlife & Parks

PUBLICATION DATE January 8, 2006

TITLE Montana Aquatic Focus Areas 2005 - Tier 1

GEOSPATIAL DATA PRESENTATION FORM vector digital data

ONLINE LINKAGE <http://fwp.mt.gov/insidefwp/gis/shapefiles/AquaticFAT1.shp.zip>

DESCRIPTION

ABSTRACT

Montana Fish, Wildlife and Parks Comprehensive Fish and Wildlife Conservation Strategy - Tier One Aquatic Focus Areas. Focus Areas were developed using USGS 4th Code Hydrologic Units as base layer. The USGS 4th Code HUC boundaries are available at <http://nris.mt.gov/gis/gisdata/lib/showDownloads.aspx?covdesc=Major%20River%20Basins%20%284th%20Code%20HUCs%29&covid=1000106>. Each HUC was ranked using both quantitative and qualitative criteria and using the ranks revised based on peer review and expert opinion. For methodology relating to this ranking please visit the Montana Comprehensive Fish and Wildlife Management Strategy website at <http://fwp.mt.gov/species/habitat/strategy/default.html>. In some cases adjacent HUCs were combined to form an aquatic focus area.

PURPOSE

To provide a spatial representation of Montana Fish Wildlife and Parks aquatic focus areas and associated conservation tiers.

TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 2005

CURRENTNESS

REFERENCE

publication date

STATUS

PROGRESS Complete

MAINTENANCE AND UPDATE FREQUENCY As needed

SPATIAL DOMAIN

BOUNDING COORDINATES

WEST BOUNDING COORDINATE -116.113810
EAST BOUNDING COORDINATE -103.904556
NORTH BOUNDING COORDINATE 48.681858
SOUTH BOUNDING COORDINATE 44.837111

KEYWORDS

THEME

THEME KEYWORD THESAURUS aquatic priority
THEME KEYWORD aquatic
THEME KEYWORD huc THEME
KEYWORD planning

PLACE

PLACE KEYWORD Montana

ACCESS CONSTRAINTS

None

USE CONSTRAINTS

None

POINT OF CONTACT

CONTACT INFORMATION

CONTACT PERSON PRIMARY

CONTACT PERSON Lydia Bailey

CONTACT ORGANIZATION Montana Fish, Wildlife & Parks

CONTACT POSITION GIS & Natural Resource Data Manager

CONTACT ADDRESS

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COUNTRY UNITED STATES

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CONTACT ELECTRONIC MAIL ADDRESS lbailey@mt.gov

HOURS OF SERVICE 8 am - 5 pm (Mon - Fri) Mountain Time

NATIVE DATA SET ENVIRONMENT

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 9.2.0.1324

Data Quality

ATTRIBUTE ACCURACY

ATTRIBUTE ACCURACY REPORT

Varies on the data source.

LINEAGE

SOURCE INFORMATION

SOURCE SCALE DENOMINATOR 100000

SOURCE CONTRIBUTION

USFS sub-section ecoregions original data source

PROCESS STEP

PROCESS DESCRIPTION

The USGS 4th Code Hydrologic Units were used as a base. Tier rankings (conservation priorities) were determined by Montana Fish Wildlife and Parks and were added as a new field to this layer.

PROCESS DATE 2005

PROCESS STEP

PROCESS DESCRIPTION

The polygons with 'CFWCSTier=1' were extracted from the full suite of Montana Fish, Wildlife and Parks Comprehensive Fish and Wildlife Conservation Strategy Aquatic Focus Area polygons. A definition query and export in ArcGIS 9.2 was used for this process.

PROCESS DATE 2005

PROCESS STEP

PROCESS DESCRIPTION

Dataset copied.

SOURCE USED CITATION ABBREVIATION

PROCESS DATE 2011-02-11

PROCESS TIME 03012600

Spatial Reference

HORIZONTAL COORDINATE SYSTEM DEFINITION

PLANAR

PLANAR COORDINATE INFORMATION

PLANAR COORDINATE ENCODING METHOD coordinate pair

COORDINATE REPRESENTATION

ABSCISSA RESOLUTION 0.000001

ORDINATE RESOLUTION 0.000001

PLANAR DISTANCE UNITS meters

GEODETTIC MODEL

HORIZONTAL DATUM NAME North American Datum of 1983

ELLIPSOID NAME Geodetic Reference System 80

SEMI-MAJOR AXIS 6378137.000000

DENOMINATOR OF FLATTENING RATIO 298.257222

VERTICAL COORDINATE SYSTEM DEFINITION

ALTITUDE SYSTEM DEFINITION

ALTITUDE RESOLUTION 0.000010

ALTITUDE ENCODING METHOD Explicit elevation coordinate included with horizontal coordinates

Entities and Attributes

DETAILED DESCRIPTION

ENTITY TYPE

ENTITY TYPE LABEL AquaticFA_Tier1

ATTRIBUTE

ATTRIBUTE LABEL Shape

ATTRIBUTE DEFINITION

Feature geometry.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Coordinates defining the features.

ATTRIBUTE

ATTRIBUTE LABEL CFWCSName

ATTRIBUTE DEFINITION

Montana Fish, Wildlife and Parks Comprehensive Fish and Wildlife Strategy Aquatic Focus Area Name

ATTRIBUTE

ATTRIBUTE LABEL Shape_Area

ATTRIBUTE DEFINITION

Area of feature in internal units squared.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Positive real numbers that are automatically generated.

ATTRIBUTE

ATTRIBUTE LABEL FID

ATTRIBUTE DEFINITION

Internal feature number.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Sequential unique whole numbers that are automatically generated.

ATTRIBUTE

ATTRIBUTE LABEL Shape_Leng

Distribution Information

DISTRIBUTOR

CONTACT INFORMATION

CONTACT PERSON PRIMARY

CONTACT PERSON Lydia Bailey

CONTACT ORGANIZATION Montana Fish, Wildlife & Parks

CONTACT POSITION GIS and Natural Resource Data Manager

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HOURS OF SERVICE 8 am - 5 pm (Mon-Fri) Mountain Time

RESOURCE DESCRIPTION Downloadable Data

STANDARD ORDER PROCESS

DIGITAL FORM

DIGITAL TRANSFER INFORMATION

FORMAT NAME ArcView Shapefile

FORMAT VERSION NUMBER 3.3

TRANSFER SIZE 0.644

AVAILABLE TIME PERIOD

TIME PERIOD INFORMATION

RANGE OF DATES/TIMES

BEGINNING DATE 1999

ENDING DATE 2005

Metadata Reference

METADATA DATE 2008-10-27

METADATA CONTACT

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METADATA STANDARD NAME FGDC Content Standards for Digital Geospatial Metadata

METADATA STANDARD VERSION FGDC-STD-001-1998

METADATA TIME CONVENTION **local time**