

Montana 1:250,000 scale Land Use from USGS
Montana State Library
GIS Data Dictionary

Metadata for Montana 1:250,000 scale Land Use from USGS

Table of Contents

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Entity and Attribute Information
- Distribution Information
- Metadata Reference Information

Full FGDC-compliant Metadata

Browse Graphic

Identification_Information:

Citation

Originator: Montana State Library
Publication_Date: 02/01/1992
Title: Montana 1:250,000 scale Land Use from USGS
Online_Linkage: <http://nris.state.mt.us/nsdi/nris/lu25/lu25e.html>
Online_Linkage: <http://nris.state.mt.us/nsdi/nris/lu25/lu25s.html>

Description

Abstract:

Montana 1:250,000 scale Land Use/Land Cover. Derived from USGS GIRAS files, some provided by the U.S. Bureau of Mines, others downloaded from the USGS World Wide Web server.

The library tiles have the following source dates:

Sandpoint 1981, Kalispell 1982, CutBank 1984, Shelby 1980, Havre 1982, Glasgow 1982, WolfPoint 1980, Spokane 1975, Wallace 1980, Choteau 1984, GreatFalls 1984, Lewistown 1985, Jordan 1982, Glendive 1974, Hamilton 1982, Butte 1984, WhiteSulphur 1972, Roundup 1982, Forsyth 1980, Ashton 1980, Miles City 1975, Elk City 1982, Dillon 1984, Bozeman 1972, Billings 1976, Hardin 1970, Ekalaka 1976, Dubois 1980, Cody, 1980.

GIRAS is the U.S. Geological Survey's Geographic Information Retrieval and Analysis System. The U.S.G.S. digitized the data from 1:250,000 scale maps, which it created through field surveys and aerial photo interpretation. The minimum size of regions to be classified was 10 acres in urban areas, 40 acres in rural areas, linear manmade features at least 660 feet wide, and linear natural features at least 1320 feet wide.

Purpose:

Portrayal or analysis of land use and land cover.

Time_Period_of_Content

Beginning_Date: 01/01/1970
Ending_Date: 01/01/1985

Access_Constraints:

None

Use_Constraints:

Not for use at scales greater than 1:250000.

Native_Data_Set_Environment:

Arc/Info version 6.1.1, SunOS version 4.1.3

Pathname = 250k.lulc

Data_Quality_Information:

Attribute_Accuracy_Report:

Unknown

Completeness_Report:

Data set is complete

Horizontal_Positional_Accuracy_Report:

Approximate horizontal accuracy is 130 meters, assuming
source data meets National Map Accuracy Standards.

Lineage

Source_Information

Originator: U.S. Geological Survey

Publication_Date: 01/01/1985

Title: Geographic Information Analysis and Retrieval files, LU/LC

Publication_Information

Publication_Place: Reston, VA

Publisher: U.S. Geological Survey

Other_Citation_Details:

see http://edcwww.cr.usgs.gov/glis/hyper/guide/1_250_lulc

Source_Scale_Denominator: 250000

Type_of_Source_Media: unknown

Source_Time_Period_of_Content

Beginning_Date: 01/01/1970

Ending_Date: 01/01/1985

Source_Citation_Abbreviation: lu1

Source_Contribution:

This data set is a copy of this source.

Process_Step

Process_Description:

Convert GIRAS files to Arc/Info format, transform data to
UTM coordinates, and project to Albers. See /home/clara/
gerry/arctools/giras.aml

Source_Used_Citation_Abbreviation: lu1

Process_Date: 02/01/1992

Source_Produced_Citation_Abbreviation: fin

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information

Number of Arcs: 120468

Number of Polygons: 59912

Number of Polygon Labels: 0

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition

Grid_Coordinate_System_Name: State Plane Coordinate System

SPCS_Zone_Identifier: 2500

Map_Projection_Name: Lambert Conformal Conic

Standard_Parallel: 45

Standard_Parallel: 49

Longitude_of_Central_Meridian: -109.5

Latitude_of_Projection_Origin: 44.25

False_Easting: 600000

False_Northing: 0

Planar_Distance_Units: meters

Geodetic_Model

Horizontal_Datum_Name: North American Datum of 1983

Entity_and_Attribute_Information:

Entity_Type_Definition: Polygon Attribute Table

Attribute_Label: CODE

Attribute_Definition: Land Use/Land Cover code

Enumerated_Domain_Value Enumerated_Domain_Value_Definition

Enumerated_Domain_Value	Enumerated_Domain_Value_Definition
0	SLIVER POLYGON
11	RESIDENTIAL
12	COMMERCIAL/SERVICES
13	INDUSTRIAL
14	TRANSPORTATION/UTIL
15	IND/COMM COMPLEXES
16	MIXED URBAN/BUILT-UP
17	OTHER URBAN/BUILT-UP
21	CROP/PASTURE
22	ORCHARD/NURSERY
23	CONFINED FEEDING
24	OTHER AG
31	GRASS RANGELAND
32	BRUSH RANGELAND
33	MIXED RANGELAND
41	DECIDUOUS FOREST
42	EVERGREEN FOREST
43	MIXED FOREST
49	EVERGREEN FOREST, RECODED FROM MIXED
51	STREAM/CANAL
52	LAKE
53	RESERVOIR
61	WETLAND
62	WETLAND
71	DRY SALT FLATS
72	BEACHES
73	SAND
74	EXPOSED ROCK
75	MINES/QUARRIES
77	MIXED BARREN LAND
76	TRANSITIONAL
81	SHRUB TUNDRA
82	GRASS TUNDRA

83	BARE TUNDRA
84	WET TUNDRA
85	MIXED TUNDRA
91	SNOWFIELD
92	GLACIER
2000000202	???
Beginning_Date_of_Attribute_Values: 01/01/1970	
Ending_Date_of_Attribute_Values: 01/01/1985	

Distribution_Information:

Metadata_Reference_Information:

Metadata_Date: 09/28/1995
Metadata_Review_Date: 05/07/1996
Metadata_Contact: Gerry Daumiller

This document is <http://nris.state.mt.us/nsdi/nris/lu25.html>