

Idaho Land Cover

Metadata also available as

Metadata:

- [Identification Information](#)
 - [Data Quality Information](#)
 - [Spatial Data Organization Information](#)
 - [Spatial Reference Information](#)
 - [Entity and Attribute Information](#)
 - [Distribution Information](#)
 - [Metadata Reference Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: Landscape Dynamics Lab

Publication_Date: 19990210

Title: Idaho Land Cover

Edition: Version 2.1, February 10, 1999

Geospatial_Data_Presentation_Form: map

Publication_Information:

Publication_Place: Moscow, ID

Publisher: Idaho Cooperative Fish and Wildlife Research Unit

Online_Linkage: <http://www.wildlife.uidaho.edu/data/id_g2veg.zip>

Description:

Abstract:

The Idaho Cooperative Fish and Wildlife Research Unit's Landscape Dynamics Lab compiled the Idaho Land Cover Classification from Redmond et al.'s (1996) Current Vegetation Map of Northern Idaho and Western Montana and Homer's (1998) Idaho/Western Wyoming Landcover Classification. Both sources used primarily 1992 and 1993 satellite imagery acquired during the growing season (June-Sept). However, to get a cloud-free coverage, some images from 1991 and 1995 had to be used. These classifications were crosswalked and merged to produce a unified land cover map for Idaho. This final coverage is stored as an ARC/INFO grid with 82 land cover classes, a 0.09ha (30m) cell size and a 2ha minimum mapping unit for upland cover types. Please refer to the final Idaho Gap Analysis Report for more information.

Purpose:

These data were developed for the Idaho Gap Analysis Project. They comply to minimum standards of the Gap Analysis Program of the Biological Resources Division, US Geological Survey as of January 1, 1999. These data are intended to aid in state level assessment of natural resources and are not intended for use at a scale greater than 1:100,000.

Supplemental_Information: none

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 19910601

Ending_Date: 19950930

Currentness_Reference: Current as of date of satellite image acquisition.

Status:

Progress: Complete

Maintenance_and_Update_Frequency: None Planned

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -117.8213021

East_Bounding_Coordinate: -110.59569566

North_Bounding_Coordinate: 49.13585278

South_Bounding_Coordinate: 41.69658246

Keywords:

Theme:

Theme_Keyword_Thesaurus: none

Theme_Keyword: vegetation

Place:

Place_Keyword_Thesaurus: none

Place_Keyword: Idaho

Access_Constraints: None

Use_Constraints: These data are not to be used at scales greater than 1:100,000.

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Lab Manager

Contact_Organization: Landscape Dynamics Lab

Contact_Position: GIS Analyst

Contact_Address:

Address_Type: mailing and physical address

Address: Idaho Cooperative Fish and Wildlife Research Unit

City: Moscow

State_or_Province: Idaho

Postal_Code: 83844-4412

Country: USA

Contact_Voice_Telephone: 208-885-3774

Contact_Facsimile_Telephone: 208-885-9080

Contact_Electronic_Mail_Address: leonab@uidaho.edu

Data_Set_Credit:

This data set is a compilation of land cover classifications by: Redmond, R.L. et al. 1996. Mapping existing vegetation and land cover across western Montana and northern Idaho. The Wildlife Spatial Analysis Lab, University of Montana. Final Report Contract Number 53-0343-4-000012. Homer, C.G. 1998. Idaho and western Wyoming land cover classification report and metadata. Remote Sensing / GIS Laboratories, Department of Geography and Earth Resources, Utah State University. Contract Number 1422-D910-A3-0210.

Native_Data_Set_Environment:

SunOS, 5.5.1, sun4u UNIX ARC/INFO version 7.2.1

Cross_Reference:

Citation_Information:

Originator: Landscape Dynamics Lab

Publication_Date: 19990210

Title: Gap Analysis of Idaho Land Cover

Geospatial_Data_Presentation_Form: map

Publication_Information:

Publication_Place: Moscow, Idaho

Publisher: Idaho Cooperative Fish and Wildlife Research Unit

Online_Linkage: <<http://www.wildlife.uidaho.edu/idgap.htm>>

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

Accuracy is estimated at 67.27% (range 53.89% to 93.39%) for northern Idaho based on a scene by scene fuzzy set analysis. For southern Idaho, accuracy is estimated at 69.3% (range 63.6% to 79.3%) based on total percent correct over 9 regions.

Logical_Consistency_Report: Not applicable for raster data.

Completeness_Report: All cells within Idaho boundary have an attributed cover type.

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report: Unknown

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: Redmond et al., Wildlife Spatial Analysis Lab
Publication_Date: 19960612
Title: Current Vegetation Map of Northern Idaho and Western Montana
Geospatial_Data_Presentation_Form: map
Publication_Information:

Publication_Place: Missoula, MT
Publisher: Montana Cooperative Fish and Wildlife Research Unit

Source_Scale_Denominator: 24000
Type_of_Source_Media: Landsat Thematic Mapper Image
Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 19960612

Source_Currentness_Reference: Current as of publication date

Source_Citation_Abbreviation: none
Source_Contribution: Idaho north of the Salmon River

Source_Information:

Source_Citation:

Citation_Information:

Originator: Homer, C.G., Remote Sensing/GIS Laboratories
Publication_Date: 19981030
Title: Idaho/Western Wyoming Landcover Classification
Geospatial_Data_Presentation_Form: map
Publication_Information:

Publication_Place: Logan, UT
Publisher: Utah State University

Source_Scale_Denominator: 24000
Type_of_Source_Media: Landsat Thematic Mapper Image
Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 19981030

Source_Currentness_Reference: Current as of publication date

Source_Citation_Abbreviation: none
Source_Contribution: Idaho south of the Salmon River

Process_Step:

Process_Description:

Clipped out the north Idaho portion from Redmond et al.'s Northern Idaho and Western Montana grid using the CLIPPER.AML provided by the Wildlife Spatial Analysis Lab, Missoula, MT.

Process_Date: 19981001

Process_Step:

Process_Description:

MERGED riparian grid of northern Idaho with upland grid to make a single land cover grid for northern Idaho

Process_Date: 19981001

Process_Step:

Process_Description:

Projected the northern Idaho portion from albers into Idaho Transverse Mercator using PROJECT GRID, maintaining 30m cell size

Process_Date: 19981001

Process_Step:

Process_Description:

RECLASSed the values of the northern Idaho land cover grid to match the Idaho Land Cover Classification values.

Process_Date: 19981001

Process_Step:

Process_Description:

Clipped out southern Idaho from Homer's Idaho/Western Wyoming Landcover Classification using a SELECTMASK function in GRID with the Idaho state boundary as a 30m resolution mask grid.

Process_Date: 19981001

Process_Step:

Process_Description:

Reprojected the southern Idaho portion from UTM, Zone 12, Datum NAD83 into Idaho Transverse Mercator, Datum NAD27. Used the NADCON datum conversion program within ARC PROJECT. Maintained 30m cell size.

Process_Date: 19981001

Process_Step:

Process_Description:

RECLASSed the values of southern Idaho to match the Idaho Land Cover Classification values.

Process_Date: 19981001

Process_Step:

Process_Description:

MERGED the north and south Idaho landcover grids, assigning dominance to the south Idaho grid.

Process_Date: 19981001

Process_Step:

Process_Description:

First draft of metadata created by Jason Karl using FGDCMETA.AML ver. 1.2 05/14/98 on
ARC/INFO data set /projects/gap2/covs/idveg

Process_Date: 19990210

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Raster

Raster_Object_Information:

Raster_Object_Type: Grid Cell

Row_Count: 27554

Column_Count: 17570

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: Transverse Mercator

Transverse_Mercator:

Scale_Factor_at_Central_Meridian: 0.99960000

Longitude_of_Central_Meridian: -114

Latitude_of_Projection_Origin: 42

False_Easting: 500000.00000

False_Northing: 100000.00000

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair

Coordinate_Representation:

Abscissa_Resolution: 30.0

Ordinate_Resolution: 30.0

Planar_Distance_Units: Meters

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1927

Ellipsoid_Name: Clarke 1866

Semi-major_Axis: 6378206.4

Denominator_of_Flattening_Ratio: 294.98

Entity_and_Attribute_Information:

*Overview_Description:**Entity_and_Attribute_Overview:*

IDVEG.VAT:

COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC	ALTERNATE NAME
1	VALUE	4	10	B	-	
5	COUNT	4	10	B	-	

IDVEG.STA:

COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC	ALTERNATE NAME
1	MIN	8	15	F	3	
9	MAX	8	15	F	3	
17	MEAN	8	15	F	3	
25	STDV	8	15	F	3	

Idaho Vegetation and Land Cover Classification System
 Modified from Redmond et al. (1996) and Homer et al. (1998)

1000 Urban or Developed Land
 1000 Urban
 1001 High Intensity Urban
 1002 Low Intensity Urban
 1101 Disturbed, High
 1102 Disturbed, Low
 2000 Agricultural
 2000 Agricultural land
 3000 Non-Forested Lands
 31xx - Grasslands
 3101 Foothills Grassland
 3102 Disturbed Grassland
 3103 Herbaceous Clearcut
 3104 Montane Parklands and Subalpine Meadow
 3105 Wet Meadow
 3106 Herbaceous Burn
 3107 Shrub/Steppe Annual Grass-Forb
 3108 Dry Meadow
 3109 Perennial Grassland
 3110 Perennial Grass Slope
 32xx Mesic Shrublands
 3201 Mesic Upland Shrubs
 3202 Warm Mesic Shrubs
 33xx Xeric Shrublands
 3301 Curlleaf Mountain Mahogany
 3304 Bitterbrush
 3305 Mountain Big Sagebrush
 3306 Wyoming Big Sagebrush
 3307 Basin & Wyoming Big Sagebrush
 3308 Black Sagebrush Steppe
 3309 Silver Sage
 3310 Salt-desert Shrub
 3312 Rabbitbrush
 3315 Low Sagebrush
 3316 Mountain Low Sagebrush
 4000 Forest Uplands
 41xx Broadleaf Forest
 4101 Aspen
 4102 Cottonwood
 4103 Maple
 42xx Needleleaf Forest
 4201 Englemann Spruce
 4203 Lodgepole Pine
 4206 Ponderosa Pine
 4207 Grand Fir
 4208 Subalpine Fir
 4210 Western Red Cedar
 4211 Western Hemlock
 4212 Douglas-fir
 4215 Western Larch
 4216 Douglas-fir/Limber Pine
 4217 Subalpine Pine
 4218 Subalpine fir/Whitebark Pine
 4219 Mixed Whitebark Pine Forest
 4220 Mixed Subalpine Forest

4221 Mixed Mesic Forest
4222 Mixed Xeric Forest
4223 Douglas-fir/Lodgepole Pine
4225 Douglas-fir/Grand Fir
4226 Western Red Cedar/Grand Fir Forest
4227 Western Red Cedar/Western Hemlock
4228 Western Larch/Lodgepole Pine
4229 Western Larch/Douglas-fir
4230 Utah Juniper
4231 Western Juniper
4232 Pinyon Pine/Juniper
43xx Mixed Needleleaf/Broadleaf Forest
4301 Mixed Needleleaf/Broadleaf Forest
44xx Standing Burnt or Dead Timber
4401 Standing Burnt or Dead Timber
5000 Water
6000 Riparian and Wetland Areas
61xx Forested Riparian
6101 Needleleaf Dominated Riparian
6102 Broadleaf Dominated Riparian
6103 Needleleaf/Broadleaf Dominated Riparian
6104 Mixed Riparian (Forest and Non-forest)
62xx Non-forested Riparian
6201 Graminoid or Forb Dominated Riparian
6202 Shrub Dominated Riparian
6203 Mixed Non-forest Riparian
63xx Wetlands
6301 Deep Marsh
6302 Shallow Marsh
6303 Aquatic Bed
6304 Mud Flat
7000 Barren Land
7201 Sand Dune
7202 Vegetated Sand Dune
7300 Exposed Rock
7301 Lava
7302 Vegetated Lava
7800 Mixed Barren Land
7900 Shoreline and Stream Gravel Bars
8000 Alpine Meadow
8100 Alpine Meadow
9000 Snow, Ice, Cloud or Cloud Shadow
9100 Perennial Ice or Snow
9800 Cloud
9900 Cloud Shadow

Entity_and_Attribute_Detail_Citation: none

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Landscape Dynamics Lab

Contact_Position: Lab Manager

Contact_Address:

Address_Type: mailing and physical address

Address: Idaho Cooperative Fish and Wildlife Research Unit

City: Moscow

State_or_Province: ID

Postal_Code: 83844-4412

Country: USA

Contact_Voice_Telephone: 208-885-3774

Contact_Electronic_Mail_Address: leonab@uidaho.edu

Contact_Instructions: Contact via email

Distribution_Liability:

Not to be used at scales greater than 1:100,000. Not to be used for navigational purposes. The Idaho Cooperative Fish and Wildlife Research Unit makes no guarantee as to the positional or attribute accuracy of this product.

Metadata_Reference_Information:

Metadata_Date: 19990210

Metadata_Review_Date: 20020422

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Landscape Dynamics Lab

Contact_Person: Lab Manager

Contact_Position: GIS Analyst

Contact_Address:

Address_Type: mailing and physical address

Address: Idaho Cooperative Fish and Wildlife Research Unit

City: Moscow

State_or_Province: ID

Postal_Code: 83844-4412

Country: USA

Contact_Voice_Telephone: 208-885-3774

Contact_Facsimile_Telephone: 208-885-9080

Contact_Electronic_Mail_Address: leonab@uidaho.edu

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Access_Constraints: none

Metadata_Use_Constraints: none

Generated by [mp](#) version 2.7.3 on Thu Apr 25 10:04:52 2002