

# Greater Sage-Grouse General Habitat Management Areas



## Tags

California, Wyoming, GRSG, Idaho, Colorado, IHMA, Montana, planningCadastre, Oregon, South Dakota, General Habitat Management Area, Wildlife, BLM, Important Habitat Management Areas, GHMA, EIS, Nevada, Cumulative Effects Analysis, Greater Sage-Grouse, Environmental Impact Statement, CEA, biota, North Dakota, ROD, Management, Proposed, Utah, Bureau of Land Management, environment

## Summary

This feature class represents Sage-Grouse General Habitat Management Areas (GHMAs) for greater sage-grouse.

## Description

GHMAs are BLM-administered greater sage-grouse habitat areas that are occupied seasonally or year-round and are outside of Priority Habitat Management Areas (PHMAs). Some special management would apply to these areas to sustain greater sage-grouse populations.

## Credits

Compiled by the BLM's Wildlife Habitat Spatial Analysis Lab. Data created and submitted to the NOC by each individual EIS.

## Use limitations

These data are provided by Bureau of Land Management (BLM) "as is" and might contain errors or omissions. The User assumes the entire risk associated with its use of these data and bears all responsibility in determining whether these data are fit for the User's intended use. The information contained in these data is dynamic and may change over time. The data are not better than the sources from which they were derived, and both scale and accuracy may vary across the data set. These data might not have the accuracy, resolution, completeness, timeliness, or other characteristics appropriate for applications that potential users of the data may contemplate. The User is encouraged to carefully consider the content of the metadata file associated with these data. These data are neither legal documents nor land surveys, and must not be used as such. Official records may be referenced at most BLM offices. Please report any errors in the data to the BLM office from which it was obtained. The BLM should be cited as the data source in any products derived from these data. Any Users wishing to modify the data should describe the types of modifications they have performed. The User should not misrepresent the data, nor imply that changes made were approved or endorsed by BLM. This data may be updated by the BLM without notification. Users are further cautioned that these data and interpretations derived from them do not eliminate the need for onsite survey and evaluation of specific sites.

## Extent

**West** -122.215330    **East** -102.333246  
**North** 49.187006    **South** 37.180939

## Scale Range

**Maximum (zoomed in)** 1:5,000  
**Minimum (zoomed out)** 1:150,000,000

## ArcGIS Metadata

## Topics and Keywords

THEMES OR CATEGORIES OF THE RESOURCE planningCadastre, environment, biota

\* CONTENT TYPE Downloadable Data

PLACE KEYWORDS California, Wyoming, Idaho, Colorado, Montana, Oregon, South Dakota, Nevada, North Dakota, Utah

THESAURUS

TITLE BLM-STATE

THEME KEYWORDS planningCadastre, biota, environment

THESAURUS

TITLE ISO 19115 Topic Category

THEME KEYWORDS GRSG, IHMA, General Habitat Management Area, BLM, Important Habitat Management Areas, GHMA, EIS, Cumulative Effects Analysis, Greater Sage-Grouse, Environmental Impact Statement, CEA, ROD, Proposed, Bureau of Land Management

THESAURUS

TITLE BLM-GRSG

THEME KEYWORDS Wildlife, Management

THESAURUS

TITLE BLM-THEME

## Citation

TITLE Greater Sage-Grouse General Habitat Management Areas

PUBLICATION DATE 2015-07-01

PRESENTATION FORMATS digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

## Citation Contacts

RESPONSIBLE PARTY

ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, Bureau of Land Management, National Operations Center

CONTACT'S ROLE originator

## Resource Details

DATASET LANGUAGES English (UNITED STATES)

STATUS completed

SPATIAL REPRESENTATION TYPE vector

\* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS

10.3.0.4322

CREDITS

Compiled by the BLM's Wildlife Habitat Spatial Analysis Lab. Data created and submitted to the NOC by each individual EIS.

## Extents

EXTENT

DESCRIPTION

Created June 12th, 2015.

TEMPORAL EXTENT

DATE AND TIME 2015-06-12

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -123.527142

EAST LONGITUDE -102.348486

SOUTH LATITUDE 36.658128

NORTH LATITUDE 49.500371

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -122.215330

\* EAST LONGITUDE -102.333246

\* NORTH LATITUDE 49.187006

\* SOUTH LATITUDE 37.180939

\* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE -608389.690300

\* EAST LONGITUDE 866188.916100

\* SOUTH LATITUDE 1616036.807400

- \* NORTH LATITUDE 2908753.886500
- \* EXTENT CONTAINS THE RESOURCE Yes

## Resource Points of Contact

### POINT OF CONTACT

INDIVIDUAL'S NAME Wildlife Habitat Spatial Analysis Lab  
ORGANIZATION'S NAME Bureau of Land Management, National Operations Center  
CONTACT'S POSITION GIS Analyst  
CONTACT'S ROLE point of contact

### CONTACT INFORMATION

#### PHONE

VOICE 303-236-0446

#### ADDRESS

TYPE physical  
DELIVERY POINT Denver Federal Center, Building 50  
CITY Lakewood  
ADMINISTRATIVE AREA Colorado  
POSTAL CODE 80225  
COUNTRY US

## Resource Maintenance

### RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

## Resource Constraints

### LEGAL CONSTRAINTS

#### LIMITATIONS OF USE

The BLM assumes no responsibility for errors or omissions. No warranty is made by the BLM as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data; nor shall the act of distribution to contractors, partners, or beyond, constitute any such warranty for individual or aggregate data use with other data. Although these data have been processed successfully on computers of BLM, no warranty, expressed or implied, is made by BLM regarding the use of these data on any other system, or for general or scientific purposes, nor does the fact of distribution constitute or imply any such warranty. In no event shall the BLM have any liability whatsoever for payment of any consequential, incidental, indirect, special, or tort damages of any kind, including, but not limited to, any loss of profits arising out of the use or reliance on the geographic data or arising out of the delivery, installation, operation, or support by BLM.

#### OTHER CONSTRAINTS

None, these data are considered public domain.

### CONSTRAINTS

#### LIMITATIONS OF USE

These data are provided by Bureau of Land Management (BLM) "as is" and might contain errors or omissions. The User assumes the entire risk associated with its use of these data and bears all responsibility in determining whether these data are fit for the User's intended use. The information contained in these data is dynamic and may change over time. The data are not better than the sources from which they were derived, and both scale and accuracy may vary across the data set. These data might not have the accuracy, resolution, completeness, timeliness, or other characteristics appropriate for applications that potential users of the data may contemplate. The User is encouraged to carefully consider the content of the metadata file associated with these data. These data are neither legal documents nor land surveys, and must not be used as such. Official records may be referenced at most BLM offices. Please report any errors in the data to the BLM office from which it was obtained. The BLM should be cited as the data source in any products derived from these data. Any Users wishing to modify the data should describe the types of modifications they have performed. The User should not misrepresent the data, nor imply that changes made were approved or endorsed by BLM. This data may be updated by the BLM without notification. Users are further cautioned that these data and interpretations derived from them do not eliminate the need for onsite survey and evaluation of specific sites.

## Spatial Reference

### ARCGIS COORDINATE SYSTEM

- \* TYPE Projected
- \* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983
- \* PROJECTION USA\_Contiguous\_Albers\_Equal\_Area\_Conic\_USGS\_version
  - \* COORDINATE REFERENCE DETAILS

### PROJECTED COORDINATE SYSTEM

X ORIGIN -16901100  
Y ORIGIN -6972200  
XY SCALE 10000  
Z ORIGIN -100000

Z SCALE 10000  
 M ORIGIN -100000  
 M SCALE 10000  
 XY TOLERANCE 0.001  
 Z TOLERANCE 0.001  
 M TOLERANCE 0.001  
 HIGH PRECISION true  
 WELL-KNOWN TEXT PROJCS["USA\_Contiguous\_Albers\_Equal\_Area\_Conic\_USGS\_version",GEOGCS  
 ["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID  
 ["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT  
 ["Degree",0.0174532925199433]],PROJECTION["Albers"],PARAMETER  
 ["False\_Easting",0.0],PARAMETER["False\_Northing",0.0],PARAMETER["Central\_Meridian",-  
 114.0],PARAMETER["Standard\_Parallel\_1",29.5],PARAMETER["Standard\_Parallel\_2",45.5],PARAMETER  
 ["Latitude\_Of\_Origin",23.0],UNIT["Meter",1.0]]  
 REFERENCE SYSTEM IDENTIFIER  
 \* VALUE 0

## Spatial Data Properties

VECTOR  
 \* LEVEL OF TOPOLOGY FOR THIS DATASET full planar graph  
 GEOMETRIC OBJECTS  
 FEATURE CLASS NAME grsg\_ghma  
 \* OBJECT TYPE composite  
 \* OBJECT COUNT 18  
 ARCGIS FEATURE CLASS PROPERTIES  
 FEATURE CLASS NAME grsg\_ghma  
 \* FEATURE TYPE Simple  
 \* GEOMETRY TYPE Polygon  
 \* HAS TOPOLOGY TRUE  
 \* FEATURE COUNT 18  
 \* SPATIAL INDEX TRUE  
 \* LINEAR REFERENCING FALSE  
 \* XY RANK 1  
 \* Z RANK 1  
 \* TOPOLOGY WEIGHT 1.000000  
 \* EVENTS ON VALIDATION FALSE  
 PARTICIPATES IN TOPOLOGY RULES 4

## Data Quality

SCOPE OF QUALITY INFORMATION  
 RESOURCE LEVEL dataset  
 DATA QUALITY REPORT - COMPLETENESS OMISSION  
 EVALUATION METHOD  
 Each EIS is responsible for their submissions' completeness & omission documentation. Contact the appropriate BLM Planning Lead for information.  
 DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY  
 EVALUATION METHOD  
 Each EIS is responsible for their submissions' conceptual consistency. Contact the appropriate BLM Planning Lead for information.  
 DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY  
 MEASURE DESCRIPTION  
 Each EIS is responsible for their submissions' conceptual consistency. Contact the appropriate BLM Planning Lead for information.  
 DATA QUALITY REPORT - COMPLETENESS OMISSION  
 MEASURE DESCRIPTION  
 Each EIS is responsible for their submissions' completeness & omission documentation. Contact the appropriate BLM Planning Lead for information.  
 DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY  
 MEASURE DESCRIPTION  
 Each EIS is responsible for their submissions' attribute accuracy documentation. Contact the appropriate BLM Planning Lead for information.  
 DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY  
 DIMENSION horizontal  
 MEASURE DESCRIPTION  
 Each EIS is responsible for their submissions' positional accuracy documentation. Contact the appropriate BLM Planning Lead for information.

## Lineage

PROCESS STEP  
 WHEN THE PROCESS OCCURRED 2015-02-27  
 DESCRIPTION

Received and QA/QC performed by the Wildlife Habitat Spatial Analysis Lab.

PROCESS CONTACT

INDIVIDUAL'S NAME Wildlife Habitat Spatial Analysis Lab  
ORGANIZATION'S NAME Bureau of Land Management, National Operations Center  
CONTACT'S POSITION GIS Analyst  
CONTACT'S ROLE processor

CONTACT INFORMATION

PHONE  
VOICE 303-236-0446  
ADDRESS  
TYPE physical  
DELIVERY POINT Denver Federal Center, Building 50  
CITY Lakewood  
ADMINISTRATIVE AREA Colorado  
POSTAL CODE 80225  
COUNTRY US

PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-02-27

DESCRIPTION

Preprocessed for analysis by the Wildlife Habitat Spatial Analysis Lab: Added and calculated EIS\_HAB or EIS\_ALT field to embed the data source in the attribute table. Repaired Geometry. Dissolved to the EIS\_HAB or EIS\_ALT field.

PROCESS CONTACT

INDIVIDUAL'S NAME Wildlife Habitat Spatial Analysis Lab  
ORGANIZATION'S NAME Bureau of Land Management, National Operations Center  
CONTACT'S POSITION GIS Analyst  
CONTACT'S ROLE processor

CONTACT INFORMATION

PHONE  
VOICE 303-236-0446  
ADDRESS  
TYPE physical  
DELIVERY POINT Denver Federal Center, Building 50  
CITY Lakewood  
ADMINISTRATIVE AREA Colorado  
POSTAL CODE 80225  
COUNTRY US

PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-03-06

DESCRIPTION

Added Metadata.

PROCESS CONTACT

INDIVIDUAL'S NAME Wildlife Habitat Spatial Analysis Lab  
ORGANIZATION'S NAME Bureau of Land Management, National Operations Center  
CONTACT'S POSITION GIS Analyst  
CONTACT'S ROLE processor

CONTACT INFORMATION

PHONE  
VOICE 303-236-0446  
ADDRESS  
TYPE physical  
DELIVERY POINT Denver Federal Center, Building 50  
CITY Lakewood  
ADMINISTRATIVE AREA Colorado  
POSTAL CODE 80225  
COUNTRY US

PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-03-06

DESCRIPTION

Merged individual EIS data into one west wide Feature Class per decision category.

PROCESS CONTACT

INDIVIDUAL'S NAME Wildlife Habitat Spatial Analysis Lab  
ORGANIZATION'S NAME Bureau of Land Management, National Operations Center  
CONTACT'S POSITION GIS Analyst  
CONTACT'S ROLE processor

CONTACT INFORMATION

PHONE  
VOICE 303-236-0446  
ADDRESS  
TYPE physical  
DELIVERY POINT Denver Federal Center, Building 50

CITY Lakewood  
ADMINISTRATIVE AREA Colorado  
POSTAL CODE 80225  
COUNTRY US

PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-06-12

DESCRIPTION

Updated with Idaho - SW Montana EIS habitat received May 2015.

PROCESS CONTACT

INDIVIDUAL'S NAME Wildlife Habitat Spatial Analysis Lab  
ORGANIZATION'S NAME Bureau of Land Management, National Operations Center  
CONTACT'S POSITION GIS Analyst  
CONTACT'S ROLE processor

CONTACT INFORMATION

PHONE

VOICE 303-236-0446

ADDRESS

TYPE physical  
DELIVERY POINT Denver Federal Center, Building 50  
CITY Lakewood  
ADMINISTRATIVE AREA Colorado  
POSTAL CODE 80225  
COUNTRY US

PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-06-12

DESCRIPTION

Updated metadata.

PROCESS CONTACT

INDIVIDUAL'S NAME Wildlife Habitat Spatial Analysis Lab  
ORGANIZATION'S NAME Bureau of Land Management, National Operations Center  
CONTACT'S POSITION GIS Analyst  
CONTACT'S ROLE processor

CONTACT INFORMATION

PHONE

VOICE 303-236-0446

ADDRESS

TYPE physical  
DELIVERY POINT Denver Federal Center, Building 50  
CITY Lakewood  
ADMINISTRATIVE AREA Colorado  
POSTAL CODE 80225  
COUNTRY US

PROCESS STEP

WHEN THE PROCESS OCCURRED 2016-04-15 00:00:00

DESCRIPTION

Prepared data for incorporation into WWMP project: added and populated "ConstraintLevel" field to indicate if area is exclusion or avoidance based on BLM input; where necessary, split polygons across state lines; ran topology and fixed all overlaps.

PROCESS CONTACT

INDIVIDUAL'S NAME Emily Zvolanek  
ORGANIZATION'S NAME Argonne National Laboratory  
CONTACT'S POSITION Senior GIS Analyst  
CONTACT'S ROLE processor

CONTACT INFORMATION

PHONE

VOICE 630.252.1443

ADDRESS

TYPE both  
DELIVERY POINT 9700 S. Cass Ave  
CITY Argonne  
ADMINISTRATIVE AREA IL  
POSTAL CODE 60439  
COUNTRY US  
E-MAIL ADDRESS [emily@anl.gov](mailto:emily@anl.gov)

SOURCE DATA

DESCRIPTION

General Habitat Management Areas for Greater Sage-Grouse

SOURCE CITATION

TITLE BLM\_Pnt\_Proposed\_GRSG\_General\_Habitat\_Management\_Areas.shp

RESOURCE IDENTIFIER

VALUE 388

## Distribution

### DISTRIBUTOR

#### CONTACT INFORMATION

INDIVIDUAL'S NAME Wildlife Habitat Spatial Analysis Lab  
ORGANIZATION'S NAME Bureau of Land Management, National Operations Center  
CONTACT'S POSITION GIS Analyst  
CONTACT'S ROLE distributor

#### CONTACT INFORMATION

##### PHONE

VOICE 303-236-0446

##### ADDRESS

TYPE physical  
DELIVERY POINT Denver Federal Center, Building 50  
CITY Lakewood  
ADMINISTRATIVE AREA Colorado  
POSTAL CODE 80225  
COUNTRY US

#### AVAILABLE FORMAT

NAME File Geodatabase  
VERSION 10.2.1  
SPECIFICATION Feature Class  
FILE DECOMPRESSION TECHNIQUE no compression applied

#### ORDERING PROCESS

DATE OF AVAILABILITY 2015-07-01

#### DISTRIBUTION FORMAT

\* NAME File Geodatabase Feature Class

#### TRANSFER OPTIONS

##### ONLINE SOURCE

##### LOCATION

[https://gis.blm.gov/GRSGEISDownload/LayerPackages/BLM\\_WesternUS\\_GRSG\\_Proposed\\_GHMA\\_poly.lpk](https://gis.blm.gov/GRSGEISDownload/LayerPackages/BLM_WesternUS_GRSG_Proposed_GHMA_poly.lpk)

## Fields

### DETAILS FOR OBJECT grsg\_ghma

\* TYPE Feature Class

\* ROW COUNT 18

#### DEFINITION

Model Input File

#### DEFINITION SOURCE

BLM

#### FIELD OBJECTID\_1

\* ALIAS OBJECTID\_1

\* DATA TYPE OID

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

##### \* FIELD DESCRIPTION

Internal feature number.

##### \* DESCRIPTION SOURCE

Esri

##### \* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

#### FIELD OBJECTID

\* ALIAS OBJECTID

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

##### FIELD DESCRIPTION

Internal feature number.

##### DESCRIPTION SOURCE

Esri

##### DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

#### FIELD EIS\_HAB

\* ALIAS EIS\_HAB

\* DATA TYPE String

\* WIDTH 50  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

EIS Name\_GRSG Habitat type\_Alternative Description

DESCRIPTION SOURCE

Wildlife Habitat Spatial Analysis Lab

LIST OF VALUES

VALUE EISName\_GH\_AlternativeDescription

DESCRIPTION General Habitat

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Wildlife Habitat Spatial Analysis Lab

VALUE EISName\_PH\_AlternativeDescription

DESCRIPTION Priority Habitat

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Wildlife Habitat Spatial Analysis Lab

VALUE EISName\_IH\_AlternativeDescription

DESCRIPTION Important Habitat Management Area - ID only

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Wildlife Habitat Spatial Analysis Lab

FIELD SHAPE

\* ALIAS Shape

\* DATA TYPE Geometry

\* WIDTH 0

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Coordinates defining the features.

FIELD ConstraintLevel

\* ALIAS ConstraintLevel

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Type of constraint for development, provided by BLM

DESCRIPTION SOURCE

Argonne National Laboratory

FIELD Shape\_Length

\* ALIAS Shape\_Length

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Length of feature in internal units.

\* DESCRIPTION SOURCE

Esri

\* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

FIELD Shape\_Area

ALIAS Shape\_Area

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Area of feature in internal units squared.

\* DESCRIPTION SOURCE

Esri

\* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

OVERVIEW DESCRIPTION

ENTITY AND ATTRIBUTE OVERVIEW

The decision and habitat data submitted by an EIS was identified by the EIS name and alternative through the addition and calculation of the EIS\_HAB field. The EIS\_HAB field calculation was performed according to the following template: For Priority habitat: "EIS Name"\_"PH"\_"Alternative". For General habitat: "EIS Name"\_"GH"\_"Alternative" or "EIS Name"\_"IH"\_"Alternative" (representing Idaho's Important Habitat Management Areas).

## Metadata Details

METADATA LANGUAGE English (UNITED STATES)  
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format  
SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset  
SCOPE NAME \* dataset  
\* LAST UPDATE 2016-11-07  
ARCGIS METADATA PROPERTIES  
METADATA FORMAT ArcGIS 1.0  
METADATA STYLE FGDC CSDGM Metadata  
STANDARD OR PROFILE USED TO EDIT METADATA FGDC  
CREATED IN ARCGIS FOR THE ITEM 2016-04-07 14:27:09  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-11-07 08:19:14  
AUTOMATIC UPDATES  
HAVE BEEN PERFORMED Yes  
LAST UPDATE 2016-11-07 08:19:14

## Metadata Contacts

METADATA CONTACT  
INDIVIDUAL'S NAME Wildlife Habitat Spatial Analysis Lab  
ORGANIZATION'S NAME Bureau of Land Management, National Operations Center  
CONTACT'S POSITION GIS Analyst  
CONTACT'S ROLE point of contact  
CONTACT INFORMATION  
PHONE  
VOICE 303-236-0446  
ADDRESS  
TYPE physical  
DELIVERY POINT Denver Federal Center, Building 50  
CITY Lakewood  
ADMINISTRATIVE AREA Colorado  
POSTAL CODE 80225  
COUNTRY US

## Metadata Maintenance

MAINTENANCE  
UPDATE FREQUENCY unknown  
OTHER MAINTENANCE REQUIREMENTS  
Last metadata review date: 20150819