title	body	categories
12 Digit Watershed Boundary Dataset in HUC8	For a link to more detailed processing information on your state's watershed data, please refer to links within the file that was also sent with this dataset called "wbd_state_metadata.html." This dataset is intended to be used as a tool for water-resource management and planning activities, particularly for site-specific and localized studies requiring a level of detail provided by large-scale map information.	Data
Additional F&W Service GRSG Support		Data
BLM Administrative Areas	Polygon features for active BLM Administrative areas.	Data
BLM Subsurface Minerals Administration (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Depicts Federal sub-surface mineral rights for the States of ColoradoÂ (CO), Montana (MT), Utah (UT), & Wyoming (WY).Â Find at BLM server: http://www.landscape.blm.gov/BER_layerpackages/BLM_All_subsurf_rights_dis.lpk	Data
BLM Valid Existing Rights, BER 2013		Data
Canopy Cover from LANDFIRE 1.2 Fuels database	Please see metadata for complete infomation on individual files.Â CanopyCover_LF_agg120_mean: Canopy cover percents aggregated up from 30 m native data to show mean percent within 120 m cells CC4miFM: 4 mile focal mean onÂ Canopy cover percents aggregated up from 30 m native data to show mean percent within 120 m cells CC4miSD: 4 mile focal standard deviation onÂ Canopy cover percents aggregated up from 30 m native data to show mean percent within 120 m cells	Data
Coal Leases (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	-Depicts coal leases surface direct from data submitted for MT, ND, &Â SD on January 2nd 2013. -Depicts consolidated submissions for underground coal lease dataÂ from BLM states responding to the WO 300 data call on January 2ndÂ 2013. Use the link on th	Data

Communication Tower Points from the FCC	Online source at:Â http://wireless.fcc.gov/geographic/index.htm?job=licensing_database_extracts Â With these data sets, you will be able to determine the locations and limited technical details of existing towers the FCC collects data on (i.e. Cellular, Paging, Microwave, AM, FM, etc...). This information can be extremely helpful in conducting analysis such as; current service deployment, need/feasibility determinations of new services, co-location of antenna structures, inventorying of structures, network planning, etc... This combination of data and software will allow you to view, query, and thematically create your own maps based on FCC licensing and/or your own compatible data sets. Click on the links below to view actualÂ screenshots: Cellular, Antenna Structure Registration, AM and FM databases on one map. (gif) Identify a particular Cellular site. (gif) All sites, backdropped by US Interstates, States and Virginia City boundaries. (gif) LMDS reauctionable markets, identify details of auctionable market. (gif) Tower Registration - ID tower. (gif) LMDS "A" block reauctionable markets, upfront payment. (gif) Also available is a downloadable zip file version of the FCC Mapping 2012 CDROM (zip) (An FCC created CDROM that contains mapping applications/data and distributed at various telecommunications industry trade shows by FCC staff). The zip file contains all the necessary files and directory structures to replicate the FCC Mapping 2010 CDROM. The data supplied on this CDROM is generally the same data available on this web site. Exclusively provided on the CDROM are FCC created ArcExplorer2Â®Â and ArcExplorer9Â®Â project files. These project files allow the user to immediately begin using all the mapping data resources available on the CDROM with minimum complexity. Once you download and extract the zip file, read the "readme.txt" file provided for detailed installation instructions. The zip file is 180MB in size. You will need a minimum of 720MB free space to extract all the files.	Data
County boundaries	The TIGER/Line shapefiles and related database files (.dbf) are an extract of selected geographic and cartographic information from the U.S. Census Bureau's Master Address File / Topologically Integrated Geographic Encoding and Referencing (MAF/TIGER) Database (MTDB). The MTDB represents a seamless national file with no overlaps or gaps between parts, however, each TIGER/Line shapefile is designed to stand alone as an independent data set, or they can be combined to cover the entire nation. The primary legal divisions of most States are termed counties. In Louisiana, these divisions are known as parishes. In Alaska, which has no counties, the equivalent entities are the organized boroughs, city and boroughs, and municipalities, and for the unorganized area, census areas. The latter are delineated cooperatively for statistical purposes by the State of Alaska and the Census Bureau. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more incorporated places that are independent of any county organization and thus constitute primary divisions of their States. These incorporated places are known as independent cities and are treated as equivalent entities for purposes of data presentation. The District of Columbia and Guam have no primary divisions, and each area is considered an equivalent entity for purposes of data presentation. The Census Bureau treats the following entities as equivalents of counties for purposes of data presentation: Municipios in Puerto Rico, Districts and Islands in American Samoa, Municipalities in the Commonwealth of the Northern Mariana Islands, and Islands in the U.S. Virgin Islands. The entire area of the United States, Puerto Rico, and the Island Areas is covered by counties or equivalent entities. The 2010 Census boundaries for counties and equivalent entities are as of January 1, 2010, primarily as reported through the Census Bureau's Boundary and Annexation Survey (BAS).	Data

Current Distribution of the Sage-grouse in North America	This metadata references the polygonal ARC/INFO GIS cover showing the current distribution of potential habitat, or range, of the Greater Sage-grouse (Centrocercus urophasianus) and Gunnison Sage-grouse (Centrocercus minimus) in Western North America. This data was initially researched and compiled by Dr. Michael A. Schroeder, research biologist for the Washington State Department of Fish and Wildlife. The initial draft of current and historic range data was mapped and submitted to state, federal, or provincial natural resource agencies and other experts for review, comment, and editing. The final product represents the best available science and expert review available at the time of compilation.Definition of "Current Range" - The current sage-grouse distribution is the range believed to be occupied in the late 1990's, based on the best information available.	Data
Degree-days > 5 degrees C	See data file for full metadata: dd5120m.img:Â Degree-days >5 degrees C (based on mean monthly temperature) The original ~ 1km data was resampled (bilinear) to 120m.Â Original data found at: Climate Spline Models: http://forest.moscowfsl.wsu.edu/climate/	Data
Distance From PACs to Nearest GRSG Biologist		Data
Distance From Schroeder SG Range to Nearest GRSG Biologist		Data
Disturbance Index (no agriculture) based on NLCD data	See metadata in individual files for more information: Dist_NoAg2014_agg120_prop:Â aggregated up from 30 m native data to show proportion of disturbance types within 120 m cells Dis14_4mFM: 4 mile focal mean onÂ disturbance types aggregated up from 30 m native data to show proportion of that type within 120 m cells Dis14_4mSD: 4 mile focal standard deviation onÂ disturbance types aggregated up from 30 m native data to show proportion of that type within 120 m cells	Data
EIS Boundaries (from BLM GRSG planning effort)	The polygon features for Land Use Planning Area Boundary Existing Polygons features.	Data

Elevation 4 mi. Focal mean based on 120 m aggregates (mean) of 30 m base data. NED NHD Plus (units are cm to allow integer calculations)	Please see metadata for complete information.Â	Data
ES Offices supporting GRSG		Data
F&W Service Supported SWCD Positions supporting GRSG		Data
Federal Fluid Minerals - Areas Closed to Oil and Gas Leasing (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Depicts consolidated submissions for locations close to oil & gasÂ development data from BLM states Nov 2011 through May 2012. Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf	Data
Federal Surface Management Agency (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Depicts surface management within the States that contain greater sage-grouse (GRSG) habitat. Use the link on the BLM server at:Â http://www.landscape.blm.gov/BER_layerpackages/BLM_SMA_FS_update.lpk	Data
Fences (BLM) - Grazing Allotments and Pastures (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Depicts, as linear features, BLM & FS allotment & pasture polygons (used as a surrogate for fencing) within the GRSG study area. Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf	Data
Fire boundaries	Dynamic map service for GeoMAC application	Data
Fire Perimeter and Conifer Expansion data sets (from Chambers et al. 2014)	Fire Perimeter and Conifer Expansion data sets with email from Amarina Wuenschel. Provided for the purpose of range-wide GRSG occupancy modeling.	Data
Geothermal Leases and Approved Projects (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	nk Depicts geothermal leases & approved renewable energy projects onÂ BLM lands within the GRSG study area. Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf	Data
Grassland/Herbaceous extracts from LANDFIRE 1.2	See file metadata for full descriptions. Western11GrassHerbLF_prop:Â Grassland and herbacious classes were extracted from LANDFIRE EVT 1.2 and were aggregated (mean) to get proportion of each new 120 meter grid cell with Grassland (physiognomy) and Herbacious (lifeform) EVT values.Â GH4miFM: A four mile focal mean of the grassland/herbaceous 120 meter grid proportions GH4miSD: A four mile focal standard deviation of the grassland/herbaceous 120 meter grid proportions	Data

Grazing - Allotments (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Depicts merged BLM & FS grazing data within the GRSG study area,Â dissolved to measure total acres.Â Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf	Data
Grazing - Allotments not evaluated for Land Health Standards (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Those allotments in which a land health evaluation has not yet beenÂ done. These allotments were then joined to the GSSP NationalÂ Allotment database on 6/28/12. Of the 10623 allotment recordsÂ from the spreadsheet, 158 were not able to be mapped. Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf	Data
Grazing - Allotments not meeting land health standards for habitat (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Depicts allotments from the 2008 BLM Land Health data that are notÂ meeting land health standards due to livestock grazing, joined to theÂ GSSP National Allotment database. Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf	Data
GRSG 2015 USFWS Status Review Base Data	GRSG 2015 USFWS Status Review Base Data File Geodatabase that contains 3 base data sets to be used for work invloving the FWS 2015 Status Review of the Greater Sage-Grouse. Â Data sets include 1) Populations, 2) PACs, and 3) Management Zones. These data sets have been updated and/or modified from the original WAFWA data and COT Report. Data sets have been designed to work together and stay in line with other efforts going on with Federal partners and other groups.	Data
GRSG Bioclimatic Change Summary - BLM Rapid Ecoregional Assessments	From BLM REAs: https://connect.doi.gov/blm/NOC/REA/Pages/default.aspx. This dataset is a raster summarizing the change in suitable bioclimate for GRSG by looking at the difference between current and A2 2050s. Value coding:-3 = Lost bioclimate; 0 = absence (current and future); 1= maintained bioclimate; 4 = gained bioclimate. See file metadata for additional data information.	Data
GRSG Bioclimatic Change Summary (Current) - BLM Rapid Ecoregional Assessments	From BLM REAs: https://connect.doi.gov/blm/NOC/REA/Pages/default.aspx. This dataset is a raster of current predicted suitable bioclimate using statistical correlations between known habitat and current climate (1950-1999 average). 0=Absence; 1=Presence*see Maxent output pdf for details on model parameters. See file metadata for additional data information.	Data
GRSG Bioclimatic Change Summary (Predicted) - BLM Rapid Ecoregional Assessments	From BLM REAs: https://connect.doi.gov/blm/NOC/REA/Pages/default.aspx. This dataset is a raster of predicted suitable bioclimate using statistical correlations between known habitat and current climate (1950-1999 average) , and then projecting that niche into the future.Â See file metadata for additional data information.	Data

GRSG Preliminary Priority Habitat - GRSG Preliminary General Habitat	The following sources were used to compile this dataset: http://www.blm.gov/wo/st/en/prog/more/sagegrouse/documents_and_resources.html (GRSG Preliminary PRIORITY Habitat (PPH) and Preliminary GENERAL Habitat (PGH) GIS Data as of 3/21/2012 CA: 20120229_003_SageGrouse_Habitat (California Fish and Game and California BLM cooperatively defined, http://www.geocommunicator.gov/shapefilesall/SG/California_GRSG_Habitat.zip) CO: GrSGPPHPGH10242013.shp (Colorado Parks and Wildlife Prelimary Priority Habitat is synonomous with Colorado BLM PPH, Colorado Parks and Wildlife Preliminary General Habitat is synonymous with CO BLM PGH and both also consider Habitat Linkages, http://wildlife.state.co.us/WildlifeSpecies/SpeciesOfConcern/Birds/Pages/GreaterSage-grousePriorityHabitat.aspx) ID: WLDLFE_SageGrouseIdahoPPH_PUB_100K_POLY_2012 (http://cloud.insideidaho.org/webApps/util/zip.ashx?fn=http://cloud.insideidaho.org/data/blm/WLDLFE_SageGrouseIdahoPPH_PUB_100K_POLY_2012.shp) and WLDLFE_SageGrouseIdahoPGH_PUB_100K_POLY_2012 (http://cloud.insideidaho.org/webApps/util/zip.ashx?fn=http://cloud.insideidaho.org/data/blm/WLDLFE_SageGrouseIdahoPGH_PUB_100K_POLY_2012.shp) MT: Montana Fish Wildlife & Parks Sage-grouse Core Areas are synonomous with Montana BLM PPH (http://fwp.mt.gov/doingBusiness/reference/gisData/dataDownload.html), SageGrouseCoreAreas and Montana/Dakotas BLM refer to PGH using Schroeder et al. range map (2004) with BLM updates (2006) at: http://www.geocommunicator.gov/shapefilesall/SG/GRSG_planning_2006_schroeder_distribution.zip ND: NorthDakotaPPH_prj (North Dakota Game and Fish Department and Montana/Dakotas BLM defined PPH, http://www.geocommunicator.gov/shapefilesall/SG/NorthDakota.zip) and Montana/Dakotas BLM refer to PGH using Schroeder et al. range map (2004) with BLM updates (2006) at: http://www.geocommunicator.gov/shapefilesall/SG/GRSG_planning_2006_schroeder_distribution.zip NV: NDOW_SG_HabCat_Dec2012_Arc10 (Nevada Department of Wildlife GRSG Habitat Categories 1 & 2 are synonomous with NV BLM PPH and Nevada Department of Wildlife Habitat Category 3 is synonymous with NV BLM PGH, http://www.ndow.org/Nevada_Wildlife/Sage_Grouse/) OR: or_sg_pph_pgh_plus_COH2006 (Oregon Department of Fish and Wildlife GRSG Core Areas are synonymous with OR BLM PPH and Oregon Department of Fish and Wildlife GRSG Low Density areas and additional Sage-grouse Currently Occupied Habitat (BLM,	Data
GRSG_2015_USFWS_StatusReview_CurrentRange	This data set represents Greater Sage-Grouse Current Range to be used in work for the USFWS 2015 Status Review for the Greater Sage-Grouse. Current Range is defined as areas believed to be currently occupied. Therefore this data set represents occupied habitat for Greater Sage-Grouse. Current range for this data set was created by merging 1) Schroeder et al. 2004 current range and 2) Priority Areas for Conservation (PACs) identified in the Conservation Objectives Team (COT) Report, 2013. One small polygon from the Schroeder et al. 2004 current range was removed as it was determined that it no longer represents current range. Determination made from information from Oregon Department of Fish and Wildlife. This small polygon overlapped the corners of Jefferson, Wheeler, and Wasco Counties in Oregon. More information on this data set and the Schroeder et al. 2004 current range can be found in the supplemental information of the Metadata.	Data

Historic GSG Range	This metadata references the polygonal ARC/INFO GIS cover showing the current and historic distribution of potential habitat, or range, of the Greater Sage-grouse (Centrocercus urophasianus) and Gunnison Sage-grouse (Centrocercus minimus) in Western North America. This data was initially researched and compiled by Dr. Michael A. Schroeder, research biologist for the Washington State Department of Fish and Wildlife. The initial draft of current and historic range data was mapped and submitted to state, federal, or provincial natural resource agencies and other experts for review, comment, and editing. The final product represents the best available science and expert review available at the time of compilation.Definition of "Current Range" - The current sage-grouse distribution is the range believed to be occupied in the late 1990's, based on the best information available.Definition of "Historic Range" - The historic distribution represents the bird's maximum distribution from the early 1800's to the present (late 1990's).	Data
Historic GSG Range 10km Buffer	The Historic_GSG_Range with a 10km buffer This metadata references the polygonal ARC/INFO GIS cover showing the current and historic distribution of potential habitat, or range, of the Greater Sage-grouse (Centrocercus urophasianus) and Gunnison Sage-grouse (Centrocercus minimus) in Western North America. This data was initially researched and compiled by Dr. Michael A. Schroeder, research biologist for the Washington State Department of Fish and Wildlife. The initial draft of current and historic range data was mapped and submitted to state, federal, or provincial natural resource agencies and other experts for review, comment, and editing. The final product represents the best available science and expert review available at the time of compilation.Definition of "Current Range" - The current sage-grouse distribution is the range believed to be occupied in the late 1990's, based on the best information available.Definition of "Historic Range" - The historic distribution represents the bird's maximum distribution from the early 1800's to the present (late 1990's).	Data

Historic GSG Range 10km Buffer HUC12	For a link to more detailed processing information on your state's watershed data, please refer to links within the file that was also sent with this dataset called "wbd_state_metadata.html." This dataset is intended to be used as a tool for water-resource management and planning activities, particularly for site-specific and localized studies requiring a level of detail provided by large-scale map information.	Data
Historic GSG Range 10km Buffer HUC12 States Counties	A spatial join of Historic_GSG_Range_10km_Buffer_HUC12 and Historic_GSG_Range_10km_Buffer_States_and_Counties. Â The HUC12 features are shown and the attributes include those states and counties that each HUC12 feature overlaps For a link to more detailed processing information on your state's watershed data, please refer to links within the file that was also sent with this dataset called "wbd_state_metadata.html." This dataset is intended to be used as a tool for water-resource management and planning activities, particularly for site-specific and localized studies requiring a level of detail provided by large-scale map information.	Data
Historic GSG Range 10km Buffer States and Counties	The state and county features that intersect the Historic_GSG_Range_10km_Buffer Counties of the Continental United States at high resolution.	Data
Historic GSG Range 10km Buffer States Counties HUC12	A spatial join of Historic_GSG_Range_10km_Buffer_States_and_Counties and Historic_GSG_Range_10km_Buffer_HUC12. Â The state and county features are shown and the attributes include those HUC12 features that each state and county feature overlaps. Â It is this feature class that will be used to generate the drop down list. Counties of the Continental United States at high resolution.	Data
LANDFIRE Existing Vegetation Type (EVT) v 1.2 (2010)	Description Link:Â http://www.landfire.gov/NationalProductDescriptions21.php Â The Existing Vegetation Type (EVT) layer represents the species composition currently present at a given site. Vegetation map units are primarily derived from NatureServe'sÂ Ecological SystemsÂ classification, which is a nationally consistent set of mid-scale ecological units. Additional units are derived from NLCD,Â National Vegetation Classification StandardÂ (NVCS) Alliances, and LANDFIRE specific types. EVTs are mapped using decision tree models, field data, Landsat imagery, elevation, and biophysical gradient data. Decision tree models are developed separately for each of the three lifeforms -tree, shrub, and herbaceous and are then used to generate lifeform specific EVT layers. LANDFIRE uses EVT in several subsequent layers, including the development of the fuel layers. Data View Download:Â http://www.landfire.gov/viewer/	Data
LANDFIRE Forest Canopy Cover (CC) Fuels v. 1.2 (2010)	Data Description:Â http://www.landfire.gov/NationalProductDescriptions6.php The Forest Canopy Cover (CC) layer describes the percent cover of the tree canopy in a stand. Specifically, canopy cover describes the vertical projection of the tree canopy onto an imaginary horizontal surface representing the ground's surface. CC is generated using a predictive modeling approach that relates Landsat imagery and spatially explicit biophysical gradients to calculated values of average canopy cover from field training sites and digital orthophoto quadrangles. CC supplies information to fire behavior models to determine surface fuel shading for calculating dead fuel moisture and for calculating wind reductions. Data View Download:Â http://www.landfire.gov/viewer/	Data
Mean Annual Precipitation; 1961 to 1990	See the file metadata for additional details. adi120m: Resampled mean annual precipitation.Â The original ~ 1km data was resampled (bilinear) to 120m.Â Original data found at: Climate Spline Models: http://forest.moscowfsl.wsu.edu/climate/	Data

Mining and Mineral Materials Disposal - Mineral Material Disposal Sites and Locatable Mining Claims (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Mineral Material Disposal Sites -Â Depicts consolidated mineral material disposal site data from BLMÂ states submitted 12282012,Â Â Locatable Mining Claims -Â Depicts consolidated locatable mining claims from data submitted on 12/27/2012., Link to data on BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf	Data
Monitoring_Points		Data
National Elevation Dataset (NED) data from NHD Plus	http://www.horizon-systems.com/nhdplus/NHDPlusV2_home.php.Â NHDPlus is an integrated suite of application-ready geospatial data sets that incorporate many of the best features of theÂ National Hydrography Dataset (NHD) , the National Elevation Dataset (NED) , and theÂ Watershed Boundary Dataset (WBD) . NHDPlus Version 1 (NHDPlusV1) was released in 2006. NHDPlus Version 2 (NHDPlusV2) began its public debut in June 2012.	Data
Non-energy Minerals & Prospecting Permit Applications (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	This dataset represents the consolidated submissions for non-energyÂ minerals and prospecting permit application data from BLM statesÂ responding to the WO 300 data call during the time period ofÂ November 2011 through May 2012. Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf	Data
Obstacles to Aviation Points; Processed Digital Obstacles File from the FAA	Summary The Digital Obstacle File (updated every 56 days) describes all known obstacles of interest to aviation users in the United States, with limited coverage of the Pacific, the Caribbean, Canada, and Mexico. The obstacles are assigned unique numerical identifiers, accuracy codes, and are listed in order by state. To download a file, right-click, then select "Save" / "Save As" / "Save Target As" to save the desired file to your computer. After downloading, use an unzip utility to extract the files. The DOF is a .dat file, so you may use Wordpad, Internet Explorer, or Mozilla Firefox to access them. You may also use Notepad, but the lack of column formatting is harder to read. Description This file was downloaded and processed on 1/5/2014. Newer data is available at: https://nfdc.faa.gov/tod/public/TOD_DOF.html.	Data
Oil and Gas leases - Held by Production (from USGS OFR 2013-1098: Summary of Science, Activities, Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Depicts oil & gas leases held by production on BLM lands within theÂ GRSG study area. Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf	Data
Oil and Gas leases (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Depicts oil & gas leases on BLM lands within the GRSG study area Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf	Data
Oil Shale Leases (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Depicts consolidated submissions for oil shale research,Â development, & demonstration lease data from 12/20/2012. Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf	Data

OToole Allotments	Outlines of allotments found on the O'Toole Ranch put together from files from the BLM with edits to match the provided .PDF map in order to map where the area of interest (the ranch) is relative to PACs, core, and pph pgh to determine if this is a high conservation value area where we should consider putting together a conservation agreement.	Data
PFW Positions supporting GRSG		Data
Priority areas for conservation (from the 2013 Conservation Objectives Team Report)	Superseded by the GRSG 2015 USFWS Status Review Base Data PACs dataset.Â This polygon data set represents the merged multi-state Sage-Grouse Priority Areas for Conservation (PACs) for CA, CO, ID, MT, ND, NV, OR, SD, UT, WA and WY as identified in the 2013 Sage-Grouse Conservation Objectives Team (COT) Report. PACs represent areas identified as essential for the long-t erm conservation of the Sage-Grouse. The COT determined that the PACs are key for the conservation of the species range wide.	Data
Proposed PFW Positions to support		Data
Proposed SGI SWAT Positions to support GRSG		Data
Range-wide breeding bird density for Greater sage-grouse (from Doherty et al. 2010)	See metadata and .PDF report for additional information.	Data
Sagebrush and PJ/Conifer Interface derived rasters	Source data derives from the BLM NOC:Â This dataset was derived for the purpose of range-wide modeling of GRSG occupancy. This dataset identifies sagebrush land cover cells which are within 120 meters of conifer or PJ land cover cells, as categorized in the GAP/ReGAP land cover raster, published on 10-26-2010. See file metadata for full information for derived rasters: PJint4miFM:Â The vectorized layer provided by the BLM was converted to a 30 meter raster grid and then aggregated to a 120 m raster (mean) with a 4 mile focal mean then performed. PJint4miSD:Â The vectorized layer provided by the BLM was converted to a 30 meter raster grid and then aggregated to a 120 m raster (mean) with a 4 mile standard deviation then performed.	Data

Sagebrush raster extracts from LANDFIRE 1.2.	Please see metadata for complete infomation on individual files. All_SB_LF_agg120_prop: All sagebrush types aggregated up from 30 m native data to show proportion of that type within 120 m cells AllSB4miFM: 4 mile focal mean onÂ All sagebrush types aggregated up from 30 m native data to show proportion of that type within 120 m cells AllSB4miSD: 4 mile focal standard deviation onÂ All sagebrush types aggregated up from 30 m native data to show proportion of that type within 120 m cells Low_SB_LF_agg120_prop:Â Low sagebrush types aggregated up from 30 m native data to show proportion of that type within 120 m cells LowSB4miFM:Â Â 4 mile focal mean onÂ Low sagebrush types aggregated up from 30 m native data to show proportion of that type within 120 m cells LowSB4miSD: 4 mile focal standard deviation on Low sagebrush types aggregated up from 30 m native data to show proportion of that type within 120 m cells Tall_SB_LF_agg120_prop:Â Tall sagebrush types aggregated up from 30 m native data to show proportion of that type within 120 m cells TalSB4miFM:Â Â 4 mile focal mean onÂ Tall sagebrush types aggregated up from 30 m native data to show proportion of that type within 120 m cells TalSB4miSD:Â : 4 mile focal standard deviation onÂ Tall sagebrush types aggregated up from 30 m native data to show proportion of that type within 120 m cells Â	Data
Sage-grouse population boundaries (from the Conservation Objectives Team Report)	Superseded by theÂ GRSG 2015 USFWS Status Review Base Data Population dataset.Â This layer produced through collaborative work done by the 2012 Sage-Grouse Conservation Objectives Team (COT). The COT consisted of State and FWS representatives tasked with developing conservation objectives by defining the degree to which the threats to Sage-Grouse need to be ameliorated to conserve the Sage-Grouse so that it is no longer in danger of extinction or likely to become in danger of extinction. This data layer represents Sage-Grouse populations as defined by the COT. Population polygons provide a general identification of important areas for Sage-Grouse across its range. The population polygons originated from the Schroder, Connelly, Stiver, and Knick population layer from 2004. Population polygons were edited, adjusted, modified, or otherwise updated based on information and mapping efforts from the States and FWS representatives on the COT.	Data
SGI SWAT Positions supporting GRSG		Data

Slope Percent - derived rasters from NHD Plus NED data	See individual file metadata for more information. Slope4miFM:Â 4 mi. Focal mean based on 120 m aggregates (mean) of 30 m percent slope derived from NED, NHD Plus elevation base data. Slope4miSD:Â 4 mi. Focal standard deviaition based on 120 m aggregates (mean) of 30 m percent slope derived from NED, NHD Plus elevation base data.	Data
Soil moisture and temperature regimes: Resistance and Resiliency Rankings from Chambers et al. 2014	Original data from: Chambers, et al. analysis of G-SSURGO 10 m, at https://www.sciencebase.gov/catalog/folder/538e5aa9e4b09202b547e56c?community=LC+MAP+-+Landscape+Conservation+Management+and+Analysis+Portal. Ranking categories 1 - 5 of relative soil moisture and temperature regimes, resistance and resiliency. The higher the number, the more Resistance and Resiliency. See metadata in individual files for additional information. RR_value_agge120_11:Â This dataset represents a 120 m aggregate (mean) of original 10 m data for WAFWA sage-grouse management zones.Â RRval4miFM:Â This dataset represents a 4 mi. focal mean of 120 m aggregates (mean) of original 10 m dataÂ RRval4miSD:Â This dataset represents a 4 mi. focal standard deviation of 120 m aggregates (mean) of original 10 m dataÂ	Data
Solar Right of Ways - Approved and Authorized (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Depicts solar rights-of-way & approved authorizations on BLM landsÂ within the GRSG study area. Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf	Data
State boundaries	The TIGER/Line shapefiles and related database files (.dbf) are an extract of selected geographic and cartographic information from the U.S. Census Bureau's Master Address File / Topologically Integrated Geographic Encoding and Referencing (MAF/TIGER) Database (MTDB). The MTDB represents a seamless national file with no overlaps or gaps between parts, however, each TIGER/Line shapefile is designed to stand alone as an independent data set, or they can be combined to cover the entire nation. States and equivalent entities are the primary governmental divisions of the United States. In addition to the fifty States, the Census Bureau treats the District of Columbia, Puerto Rico, and each of the Island Areas (American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the U.S. Virgin Islands) as the statistical equivalents of States for the purpose of data presentation.	Data
Surface Management Agency New - 2013		Data
Terrain Roughness from Elevation Standard Deviation		Data
testing_import	Layers and tables for use with the CED interactive map.	Data

Topographic Wetness Index Plus (derived using LCAP)	See individual metadata files for additional information.Â TWI4miFM:Â The Topographic Wetness Index Plus LCAP ArcToolbox routine (see Tools and Scripts) was run on NHD Plus NED 30 meter elevation data, which was then aggregated to 120 m (mean). A 4 mile focal mean was then run on the 120 m data.Â TWI4miSD:Â The Topographic Wetness Index Plus LCAP ArcToolbox routine (see Tools and Scripts) was run on NHD Plus NED 30 meter elevation data, which was then aggregated to 120 m (mean). A 4 mile focal standard deviation was then run on the 120 m data.Â TWI: http://en.wikipedia.org/wiki/Topographic_Wetness_Index	Data
USFS Ranger Districts	Description:Â A map service on the www depicting the boundary that encompasses a Ranger District. This map service provides display, identification, and analysis tools for determining current boundary information for Forest Service managers, GIS Specialists, and others. Copyright Text:Â The Forest Service uses the most current and complete data available. GIS data and product accuracy may vary. They may be: developed from sources of differing accuracy, accurate only at certain scales, based on modeling or interpretation, incomplete while being created or revised, etc. Using GIS products for purposes other than those for which they were created, may yield inaccurate or misleading results. The Forest Service reserves the right to correct, update, modify, or replace, GIS products without notification.	Data
USFS System Administrative Boundaries	Description: Â A map service on the www depicting all the National Forest System lands administered by an unit. These areas encompasse private lands, other governmental agency lands, and may contain National Forest System lands within the proclaimed boundaries of another administrative unit. All National Forest System lands fall within one and only one Administrative Forest Area. This map service provides display, identification, and analysis tools for determining current boundary information for Forest Service managers, GIS Specialists, and others. This map service is symbolized with a light green fill and a darker green outline. Labeling for each administrative unit starts at 1:10,000,000. Copyright Text: Â The Forest Service uses the most current and complete data available. GIS data and product accuracy may vary. They may be: developed from sources of differing accuracy, accurate only at certain scales, based on modeling or interpretation, incomplete while being created or revised, etc. Using GIS products for purposes other than those for which they were created, may yield inaccurate or misleading results. The Forest Service reserves the right to correct, update, modify, or replace, GIS products without notification.	Data
USGS Protected Area Conservation Status (PADUS)		Data
WAFWA sage-grouse management zones (Original)	Superseded by theÂ GRSG 2015 USFWS Status Review Base Data WAFWA Management Zones data set.Â This data set depicts a preliminary version of the management zoneboundaries for Greater and Gunnison sage-grouse in the western UnitedStates and Canada. These boundaries were digitized from a hand drawnfigure originally created by the Western Association of Fish andWildlife Agencies' (WAFWA) Sage-grouse Conservation Planning FrameworkTeam for use in the Greater Sage-grouse Comprehensive Conservation Strategy.	Data

WFDSS; MTBS; and GeoMAC Fire perimeter raster summaries for three time periods	See individual file metadata for additional information. F00084miFM:Â Fire perimeter data from 2000 to 2008 was provided from the study by Chambers et al. and was converted from vector to raster data at 30 meters, aggregated for 120m pixels (mean) for processing with a 4-mile focal mean. F00084miSD:Â Fire perimeter data from 2000 to 2008 was provided from the study by Chambers et al. and was converted from vector to raster data at 30 meters, aggregated for 120m pixels (mean) for processing with a 4-mile standard deviation. F09134miFM:Â Fire perimeter data from 2009 to 2013 was provided from the study by Chambers et al. and was converted from vector to raster data at 30 meters, aggregated for 120m pixels (mean) for processing with a 4-mile focal mean. F09134miSD:Â Fire perimeter data from 2009 to 2013 was provided from the study by Chambers et al. and was converted from vector to raster data at 30 meters, aggregated for 120m pixels (mean) for processing with a 4-mile standard deviation. F84134miFM:Â Fire perimeter data from 1984 to 2013 was provided from the study by Chambers et al. and was converted from vector to raster data at 30 meters, aggregated for 120m pixels (mean) for processing with a 4-mile focal mean. F84134miSD:Â Fire perimeter data from 1984 to 2013 was provided from the study by Chambers et al. and was converted from vector to raster data at 30 meters, aggregated for 120m pixels (mean) for processing with a 4-mile standard deviation.	Data
Wild Horse and Burro areas (USFS and BLM) (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Depicts the FS Wild Horse & Burro (WHB) managed areas in the GRSGÂ study area to measure direct effects and Depicts BLM managed Wild Horse & Burro Herd Areas, HerdÂ Management Areas, & Historical Areas, within the GRSG study area, links to data on BLM server available here:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf Â	Data

Wildland Fire Potential - Classified and Continuous data for the U.S.; v2012	http://www.firelab.org/project/wildland-fire-potential Â The wildland fire potential (WFP) map is a raster geospatial product produced by the USDA Forest Service, Fire Modeling Institute that is intended to be used in analyses of wildfire risk or hazardous fuels prioritization at large landscapes (100s of square miles) up through regional or national scales. The WFP map builds upon, and integrates, estimates of burn probability (BP) and conditional probabilities of fire intensity levels (FILs) generated for the national interagency Fire Program Analysis system (FPA) using a simulation modeling system called the Large Fire Simulator (FSim; Finney et al. 2011). The specific objective of the 2012 WFP map is to depict the relative potential for wildfire that would be difficult for suppression resources to contain, based on past fire occurrence, 2008 fuels data from LANDFIRE, and 2012 estimates of wildfire likelihood and intensity from FSim. Areas with higher WFP values, therefore, represent fuels with a higher probability of experiencing high-intensity fire with torching, crowning, and other forms of extreme fire behavior under conducive weather conditions. Using the FPA FSim products as inputs, as well as spatial data for vegetation and fuels characteristics from LANDFIRE and point locations of fire occurrence from FPA (ca. 1992 â€“ 2010), we used a logical series of geospatial processing steps to produce an index of WFP for all of the conterminous United States at 270m resolution. The final WFP map is presented here in two forms: 1) continuous integer values, and 2) classified into five WFP classes of very low, low, moderate, high, and very high. We donâ€™t intend for the WFP map to take the place of any of the FSim products; rather, we hope that it provides a useful addition to the information available to managers, policy makers, and scientists interested in wildland fire risk analysis in the United States. On its own, WFP does not provide an explicit map of wildfire threat or risk, because no information on the effects of wildfire on specific values such as habitats, structures or infrastructure is incorporated in its development. However, the WFP map could be used to create value-specific risk maps when paired with spatial data depicting highly valued resources (Thompson et al. 2011a, Thompson et al. 2011b). It is important to note that the WFP is also not a forecast or wildfire outlook for any particular season, as it does not include any information on current or forecasted weather or fuel moisture conditions. It is instead intended for long-term strategic planning and fuels management.	Data
Wind Energy Right of Ways - Approved and Authorized (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Depicts wind energy rights-of-way & approved authorization areasÂ on BLM lands within the GRSG study area. Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf	Data

types	tags	contacts	dateCreated	createdBy
OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile	Hydrologic Units;HUC;WBD	Point of Contact:National Geospatial Center of Excellence;Metadata Contact:National Geospatial Center of Excellence	2014-01-04T09:30:51Z	matthew_heller@fws.gov
OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile			2014-07-31T17:24:28Z	lara_juliusson@fws.gov
OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile	Units;Lands;Alaska;Washington;Oregon;California;Idaho;Nevada;Arizona;New Mexico;Colorado;Utah;Wyoming;Montana;North Dakota;South Dakota;Nebraska;Western United States;Eastern States;United States	Point of Contact:U.S. Bureau of Land Management;Process Contact:Alexandra Ritchie;Distributor:BLM National Operations Center;Metadata Contact:Tom Chatfield;Originator:U. S. Department of the Interior, Bureau of Land Management (BLM)	2014-01-04T05:15:36Z	matthew_heller@fws.gov
Downloadable			2014-08-11T21:21:38Z	lara_juliusson@fws.gov
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Raster			2014-08-12T20:21:03Z	lara_juliusson@fws.gov
Downloadable			2014-08-11T21:33:50Z	lara_juliusson@fws.gov

Downloadable			2014-08-13T16:22:38Z	lara_juliusson@fws.gov
OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile	boundaries;Nation;Polygon;United States;U.S.	Point of Contact:U.S. Department of Commerce, U.S. Census Bureau, Geography Division, Geographic Products Branch;Distributor:U.S. Department of Commerce, U.S. Census Bureau, Geography Division, Geographic Products Branch;Metadata Contact:U.S. Department of Commerce, U.S. Census Bureau, Geography Division, Geographic Products Branch;Originator:U.S. Department of Commerce, U.S. Census Bureau, Geography Division	2014-01-04T04:59:47Z	matthew_heller@fws.gov

OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile	Greater Sage-grouse;Gunnison Sage-grouse;Sage-grouse;Centrocercus;urophasianus;minimus;distribution;range;current;present-day;historic;habitat;pre-settlement;potential;Biology and Ecology;Bird Conservation;Ecosystems;Environment and Conservation;Natural Resources;United States;Canada;North America;Washington;Oregon;California;Idaho;Nevada;Utah;Montana;Wyoming;Colorado;North Dakota;South Dakota;Alberta;Saskatchewan	Point of Contact:John Talmadge;Process Contact:John Talmadge;Process Contact:John Talmadge;Process Contact:John Talmadge;Distributor:USGS Snake River Field Station;Metadata Contact:John Talmadge;Originator:Michael A. Schroeder, Washington Department of Fish and Wildlife, Bridgeport, WA	2014-05-29T15:24:37Z	lara_juliusson@fws.gov
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OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile			2014-07-31T17:27:12Z	lara_juliusson@fws.gov
Downloadable;Raster			2014-08-12T22:31:39Z	lara_juliusson@fws.gov
OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile	planningCadastre, 015;Land Use Planning;Utah;BLM Utah State Office	Point of Contact:Bureau of Land Management;Process Contact:Lynn Roth;Distributor:Carla Garrison;Metadata Contact:Bureau of Land Management, Utah State Office;Originator:Bureau of Land Management, Utah State Office	2014-01-23T20:31:06Z	matthew_heller@fws.gov

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	2014-08-11T21:32:16Z	lara_juliusson@fws.gov
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ArcGIS REST Map Service;Map Service	2014-01-04T09:45:41Z	matthew_heller@fws.gov
OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile	2014-08-08T18:40:16Z	lara_juliusson@fws.gov
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Downloadable		2014-08-11T21:38:01Z	lara_juliusson@fws.gov
Downloadable	Point of Contact:James Lindstrom	2014-08-15T21:19:52Z	james_lindstrom@fws.gov
Downloadable		2014-08-13T15:48:12Z	lara_juliusson@fws.gov
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Downloadable		2014-08-13T15:53:07Z	lara_juliusson@fws.gov

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OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile		Point of Contact:James Lindstrom	2014-08-15T21:37:10Z	james_lindstrom@fws.gov

OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile	Greater Sage-grouse;Gunnison Sage-grouse;Sage-grouse;Centrocercus;urophasianus;minimus;distribution;range;current;present-day;historic;habitat;pre-settlement;potential;Biology and Ecology;Bird Conservation;Ecosystems;Historical Features;Environment and Conservation;Natural Resources;United States;Canada;North America;Washington;Oregon;California;Idaho;Nevada;Utah;Montana;Wyoming;Colorado;North Dakota;South Dakota;Alberta;Saskatchewan	Point of Contact:John Talmadge;Process Contact:John Talmadge;Process Contact:John Talmadge;Process Contact:John Talmadge;Process Contact:John Talmadge;Distributor:USGS Snake River Field Station;Metadata Contact:John Talmadge;Originator:Michael A. Schroeder, Washington Department of Fish and Wildlife, Bridgeport, WA	2014-01-23T20:25:39Z	matthew_heller@fws.gov
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OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile	County;CWA;WFO;Time zone;FIPS;CONUS	Point of Contact:USGS;Process Contact:USGS;Metadata Contact:USGS;Originator:USGS	2014-01-23T21:14:44Z	matthew_heller@fws.gov
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Downloadable	2014-08-11T21:41:18Z	lara_juliusson@fws.gov
OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile	2014-08-11T13:45:56Z	jwelty@usgs.gov
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OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile	2014-07-31T17:30:24Z	lara_juliusson@fws.gov
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OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile	2014-07-31T17:33:05Z	lara_juliusson@fws.gov
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Raster			2014-08-12T23:15:47Z	lara_juliusson@fws.gov
Downloadable;ArcGIS REST Map Service;ArcGIS Service Definition;Map Service	CED GIS Spatial		2014-07-28T22:39:31Z	matthew_heller@fws.gov

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ArcGIS REST Map Service;Map Service		2014-01-04T09:40:36Z	matthew_heller@fws.gov
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ArcGIS REST Map Service;Map Service	Data Owner:Core Science Analytics and Synthesis	2011-06-24T15:19:48Z	cscharvester
OGC WFS Layer;Downloadable;Map Service;OGC WMS Layer;Shapefile	Point of Contact:Lisa Langs Stoner (lisa.langs@usu.edu);Distributor:Data Basin (www.databasin.org);Originator:Western Association of Fish and Wildlife Agencies' Sage-grouseConservation Planning Framework Team	2014-01-04T09:43:32Z	matthew_heller@fws.gov

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Downloadable	2014-08-11T22:32:02Z	lara_juliusson@fws.gov

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URL

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title	categories
Fire boundaries	Data
Historic GSG Range 10km Buffer HUC12	Data
EIS Boundaries (from BLM GRSG planning effort)	Data
Surface Management Agency New - 2013	Data
Mining and Mineral Materials Disposal - Mineral Material Disposal Sites and Locatable Mining Claims (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
Oil and Gas leases - Held by Production (from USGS OFR 2013-1098: Summary of Science, Activities, Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
Range-wide breeding bird density for Greater sage-grouse (from Doherty et al. 2010)	Data
Terrain Roughness from Elevation Standard Deviation	Data
OToole Allotments	Data
GRSG Preliminary Priority Habitat - GRSG Preliminary General Habitat	Data
Soil moisture and temperature regimes: Resistance and Resiliency Rankings from Chambers et al. 2014	Data
Sagebrush and PJ/Conifer Interface derived rasters	Data
Degree-days > 5 degrees C	Data
Oil and Gas leases (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
Canopy Cover from LANDFIRE 1.2 Fuels database	Data
PFW Positions supporting GRSG	Data
Proposed PFW Positions to support	Data
USFS Ranger Districts	Data

Communication Tower Points from the FCC	Data
Grazing - Allotments not meeting land health standards for habitat (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
Federal Fluid Minerals - Areas Closed to Oil and Gas Leasing (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
Fences (BLM) - Grazing Allotments and Pastures (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
Solar Right of Ways - Approved and Authorized (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
Topographic Wetness Index Plus (derived using LCAP)	Data
LANDFIRE Existing Vegetation Type (EVT) v 1.2 (2010)	Data
Coal Leases (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
Slope Percent - derived rasters from NHD Plus NED data	Data
12 Digit Watershed Boundary Dataset in HUC8	Data
SGI SWAT Positions supporting GRSG	Data
Monitoring_Points	Data
Sage-grouse population boundaries (from the Conservation Objectives Team Report)	Data
WAFWA sage-grouse management zones (Original)	Data
Priority areas for conservation (from the 2013 Conservation Objectives Team Report)	Data
Disturbance Index (no agriculture) based on NLCD data	Data
Federal Surface Management Agency (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data

WFDSS; MTBS; and GeoMAC Fire perimeter raster summaries for three time periods	Data
Geothermal Leases and Approved Projects (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
Sagebrush raster extracts from LANDFIRE 1.2.	Data
Elevation 4 mi. Focal mean based on 120 m aggregates (mean) of 30 m base data. NED NHD Plus (units are cm to allow integer calculations)	Data
Historic GSG Range 10km Buffer HUC12 States Counties	Data
Historic GSG Range 10km Buffer States and Counties	Data
Wild Horse and Burro areas (USFS and BLM) (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
testing_import	Data
Current Distribution of the Sage-grouse in North America	Data
Distance From Schroeder SG Range to Nearest GRSG Biologist	Data
Proposed SGI SWAT Positions to support GRSG	Data
Fire Perimeter and Conifer Expansion data sets (from Chambers et al. 2014)	Data
GRSG Bioclimatic Change Summary (Predicted) - BLM Rapid Ecoregional Assessments	Data
BLM Subsurface Minerals Administration (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
USGS Protected Area Conservation Status (PADUS)	Data
ES Offices supporting GRSG	Data
F&W Service Supported SWCD Positions supporting GRSG	Data
Historic GSG Range 10km Buffer States Counties HUC12	Data
Historic GSG Range	Data
ArcGIS Server Mapservice Reference layers R1	Data
GRSG 2015 USFWS Status Review Base Data	Data

Non-energy Minerals & Prospecting Permit Applications (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
Wind Energy Right of Ways - Approved and Authorized (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
Wildland Fire Potential - Classified and Continuous data for the U.S.; v2012	Data
Grazing - Allotments (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
Grazing - Allotments not evaluated for Land Health Standards (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
BLM Administrative Areas	Data
Historic GSG Range 10km Buffer	Data
Additional F&W Service GRSG Support	Data
GRSG Bioclimatic Change Summary - BLM Rapid Ecoregional Assessments	Data
Mean Annual Precipitation; 1961 to 1990	Data
Oil Shale Leases (from USGS OFR 2013-1098: Summary of Science; Activities; Programs and Policies that Influence the Rangewide Conservation of Greater Sage-Grouse)	Data
Grassland/Herbaceous extracts from LANDFIRE 1.2	Data
USFS System Administrative Boundaries	Data
County boundaries	Data
BLM Valid Existing Rights, BER 2013	Data

Distance From PACs to Nearest GRSG Biologist	Data
GRSG_2015_USFWS_StatusReview_CurrentRange	Data
Obstacles to Aviation Points; Processed Digital Obstacles File from the FAA	Data
National Elevation Dataset (NED) data from NHD Plus	Data
State boundaries	Data
LANDFIRE Forest Canopy Cover (CC) Fuels v. 1.2 (2010)	Data
GRSG Bioclimatic Change Summary (Current) - BLM Rapid Ecoregional Assessments	Data

types

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tags

planningCadastre, 015;Land Use Planning;Utah;BLM Utah State Office

Sage-Grouse;Core Areas;Wyoming

Raster

Hydrologic Units;HUC;WBD

Greater Sage-grouse;Sage-grouse;populations;distribution;range;United States;North America;Washington;Oregon;California;Idaho;Nevada;Utah;Montana;Wyoming;Colorado;North Dakota;South Dakota

County;CWA;WFO;Time zone;FIPS;CONUS

CED GIS Spatial
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County;CWA;WFO;Time zone;FIPS;CONUS
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boundaries;Nation;Polygon;United States;U.S.

boundaries;Nation;State or equivalent entity;Polygon;United States;U.S.

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Data Owner:Core Science Analytics and Synthesis

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Point of Contact:James Lindstrom

Point of Contact:U.S. Department of Commerce, U.S. Census Bureau, Geography Division, Geographic Products Branch;Distributor:U.S. Department of Commerce, U.S. Census Bureau, Geography Division, Geographic Products Branch;Metadata Contact:U.S. Department of Commerce, U.S. Census Bureau, Geography Division, Geographic Products Branch;Originator:U.S. Department of Commerce, U.S. Census

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2014-07-31T17:24:28Z lara_juliusson@fws.gov

2014-08-13T15:48:12Z lara_juliusson@fws.gov

2014-08-12T23:08:46Z lara_juliusson@fws.gov

2014-08-11T22:46:49Z lara_juliusson@fws.gov

2014-08-20T19:51:02Z lara_juliusson@fws.gov

2014-01-04T09:38:46Z matthew_heller@fws.gov

2014-01-04T04:59:47Z matthew_heller@fws.gov

2014-07-31T18:51:35Z lara_juliusson@fws.gov

2014-07-31T17:23:25Z lara_juliusson@fws.gov

2014-08-15T21:37:10Z james_lindstrom@fws.gov

2014-08-13T16:38:03Z lara_juliusson@fws.gov

2014-08-12T20:31:08Z lara_juliusson@fws.gov

2014-01-04T03:55:15Z matthew_heller@fws.gov

2014-08-13T19:25:25Z lara_juliusson@fws.gov

2014-08-13T15:51:07Z lara_juliusson@fws.gov

body

Dynamic map service for GeoMAC application
For a link to more detailed processing information on your state's watershed data, please refer to links within the file that was also sent with this dataset called "wbd_state_metadata.html." This dataset is intended to be used as a tool for water-resource management and

The polygon features for Land Use Planning Area Boundary Existing Polygons features.

Mineral Material Disposal Sites -Â Depicts consolidated mineral material disposal site data from BLMÂ states submitted 12282012,Â
Â Locatable Mining Claims -Â Depicts consolidated locatable mining claims from data submitted on 12/27/2012., Link to data on BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf

Depicts oil & gas leases held by production on BLM lands within theÂ GRSG study area. Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf

See metadata and .PDF report for additional information.

Outlines of allotments found on the O'Toole Ranch put together from files from the BLM with edits to match the provided .PDF map in order to map where the area of interest (the ranch) is relative to PACs, core, and pph pgh to determine if this is a high conservation value
The following sources were used to compile this dataset:
http://www.blm.gov/wo/st/en/prog/more/sagegrouse/documents_and_resources.html (GRSG Preliminary PRIORITY Habitat (PPH) and Preliminary GENERAL Habitat (PGH) GIS Data as of 3/21/2012 CA: 20120229_003_SageGrouse_Habitat (California Fish and Game and California BLM cooperatively defined, http://www.geocommunicator.gov/shapefilesall/SG/California_GRSG_Habitat.zip) CO: GrSGPPHPGH10242013.shp (Colorado Parks and Wildlife Prelimary Priority Habitat is synonomous with Colorado BLM PPH, Colorado Parks and Wildlife Preliminary General Habitat is synonymous with CO BLM PGH and both also consider Habitat Linkages, http://wildlife.state.co.us/WildlifeSpecies/SpeciesOfConcern/Birds/Pages/GreaterSage-grousePriorityHabitat.aspx) ID: WLDLFE_SageGrouseIdahoPPH_PUB_100K_POLY_2012 (http://cloud.insideidaho.org/webApps/util/zip.ashx?fn=http://cloud.insideidaho.org/data/blm/WLDLFE_SageGrouseIdahoPPH_PUB_100K_POLY_2012.shp) and WLDLFE_SageGrouseIdahoPGH_PUB_100K_POLY_2012 (http://cloud.insideidaho.org/webApps/util/zip.ashx?fn=http://cloud.insideidaho.org/data/blm/WLDLFE_SageGrouseIdahoPGH_PUB_100K
Original data from: Chambers, et al. analysis of G-SSURGO 10 m, at https://www.sciencebase.gov/catalog/folder/538e5aa9e4b09202b547e56c?community=LC+MAP+-+Landscape+Conservation+Management+and+Analysis+Portal. Ranking categories 1 - 5 of relative soil moisture and temperature regimes, Source data derives from the BLM NOC:Â This dataset was derived for the purpose of range-wide modeling of GRSG occupancy. This dataset identifies sagebrush land cover cells which are within 120 meters of conifer or PJ land cover cells, as categorized in the GAP/ReGAP land cover raster, published on 10-26-2010. See file metadata for full information for derived rasters: PJint4miFM:Â The vectorized layer See data file for full metadata: dd5120m.img:Â Degree-days >5 degrees C (based on mean monthly temperature) The original ~ 1km data was resampled (bilinear) to 120m.Â Original data found at: Climate Spline Models: http://forest.moscowfsl.wsu.edu/climate/

Depicts oil & gas leases on BLM lands within the GRSG study area Link to data on the BLM Server:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf
Please see metadata for complete infomation on individual files.Â CanopyCover_LF_agg120_mean: Canopy cover percents aggregated up from 30 m native data to show mean percent within 120 m cells CC4miFM: 4 mile focal mean onÂ Canopy cover percents aggregated up

Description:Â A map service on the www depicting the boundary that encompasses a Ranger District. This map service provides display, identification, and analysis tools for determining current boundary information for Forest Service managers, GIS Specialists, and others. Copyright Text:Â The Forest Service uses the most current and complete data available. GIS data and product accuracy may vary. They may

Online source at:Ä http://wireless.fcc.gov/geographic/index.htm?job=licensing_database_extracts Ä With these data sets, you will be able to determine the locations and limited technical details of existing towers the FCC collects data on (i.e. Cellular, Paging, Microwave, AM, FM, etc...). This information can be extremely helpful in conducting analysis such as; current service deployment, need/feasibility determinations of new services, co-location of antenna structures, inventorying of structures, network planning, etc... This combination of data and software will allow you to view, query, and thematically create your own maps based on FCC licensing and/or your own compatible data sets. Click on the links below to view actualÂ screenshots: Cellular, Antenna Structure Registration, AM and FM databases on one map. (gif) Identify a particular Cellular site. (gif) All sites, backdropped by US Interstates, States and Virginia City boundaries. (gif)

Depicts allotments from the 2008 BLM Land Health data that are notÂ meeting land health standards due to livestock grazing, joined to theÂ GSSP National Allotment database. Link to data on the BLM Server:Â
http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf

Depicts consolidated submissions for locations close to oil & gasÂ development data from BLM states Nov 2011 through May 2012. Link to data on the BLM Server:Â
http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf
Depicts, as linear features, BLM & FS allotment & pasture polygons (used as a surrogate for fencing) within the GRSG study area. Link to data on the BLM Server:Â
http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf

Depicts solar rights-of-way & approved authorizations on BLM landsÂ within the GRSG study area. Link to data on the BLM Server:Â
http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf
See individual metadata files for additional information.Â TWI4miFM:Â The Topographic Wetness Index Plus LCAP ArcToolbox routine (see Tools and Scripts) was run on NHD Plus NED 30 meter elevation data, which was then aggregated to 120 m (mean). A 4 mile focal mean was then run on the 120 m data.Â TWI4miSD:Â The Topographic Wetness Index Plus LCAP ArcToolbox routine (see Tools and Description Link:Â http://www.landfire.gov/NationalProductDescriptions21.php Â The Existing Vegetation Type (EVT) layer represents the species composition currently present at a given site. Vegetation map units are primarily derived from NatureServe'sÂ Ecological SystemsÂ classification, which is a nationally consistent set of mid-scale ecological units. Additional units are derived from NLCD,Â National

-Depicts coal leases surface direct from data submitted for MT, ND, &Â SD on January 2nd 2013. -Depicts consolidated submissions for underground coal lease dataÂ from BLM states responding to the WO 300 data call on January 2ndÂ 2013. Use the link on th
See individual file metadata for more information. Slope4miFM:Â 4 mi. Focal mean based on 120 m aggregates (mean) of 30 m percent slope derived from NED, NHD Plus elevation base data. Slope4miSD:Â 4 mi. Focal standard deviaition based on 120 m aggregates (mean) of
For a link to more detailed processing information on your state's watershed data, please refer to links within the file that was also sent with this dataset called "wbd_state_metadata.html." This dataset is intended to be used as a tool for water-resource management and

Superseded by theÂ GRSG 2015 USFWS Status Review Base Data Population dataset.Â This layer produced through collaborative work done by the 2012 Sage-Grouse Conservation Objectives Team (COT). The COT consisted of State and FWS representatives tasked with developing conservation objectives by defining the degree to which the threats to Sage-Grouse need to be ameliorated to conserve the Sage-Grouse so that it is no longer in danger of extinction or likely to become in danger of extinction. This data layer represents Sage-
Superseded by theÂ GRSG 2015 USFWS Status Review Base Data WAFWA Management Zones data set.Â This data set depicts a preliminary version of the management zoneboundaries for Greater and Gunnison sage-grouse in the western UnitedStates and Canada. These
Superseded by the GRSG 2015 USFWS Status Review Base Data PACs dataset.Â This polygon data set represents the merged multi-state Sage-Grouse Priority Areas for Conservation (PACs) for CA, CO, ID, MT, ND, NV, OR, SD, UT, WA and WY as identified in the 2013 Sage-
See metadata in individual files for more information: Dist_NoAg2014_agg120_prop:Â aggregated up from 30 m native data to show proportion of disturbance types within 120 m cells Dis14_4mFM: 4 mile focal mean onÂ disturbance types aggregated up from 30 m native

Depicts surface management within the States that contain greater sage-grouse (GRSG) habitat. Use the link on the BLM server at:Â http://www.landscape.blm.gov/BER_layerpackages/BLM_SMA_FS_update.lpk

See individual file metadata for additional information. F00084miFM:Â Fire perimeter data from 2000 to 2008 was provided from the study by Chambers et al. and was converted from vector to raster data at 30 meters, aggregated for 120m pixels (mean) for processing with a 4-mile focal mean. F00084miSD:Â Fire perimeter data from 2000 to 2008 was provided from the study by Chambers et al. and was converted from vector to raster data at 30 meters, aggregated for 120m pixels (mean) for processing with a 4-mile standard deviation. F09134miFM:Â Fire perimeter data from 2009 to 2013 was provided from the study by Chambers et al. and was converted from vector to

nk Depicts geothermal leases & approved renewable energy projects onÂ BLM lands within the GRSG study area. Link to data on the BLM Server:Â
http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf

Please see metadata for complete infomation on individual files. All_SB_LF_agg120_prop: All sagebrush types aggregated up from 30 m native data to show proportion of that type within 120 m cells AllSB4miFM: 4 mile focal mean onÂ All sagebrush types aggregated up from 30 m native data to show proportion of that type within 120 m cells AllSB4miSD: 4 mile focal standard deviation onÂ All sagebrush types aggregated up from 30 m native data to show proportion of that type within 120 m cells Low_SB_LF_agg120_prop:Â Low sagebrush types aggregated up from 30 m native data to show proportion of that type within 120 m cells LowSB4miFM:Â Â 4 mile focal mean onÂ Low

Please see metadata for complete information.Â

A spatial join of Historic_GSG_Range_10km_Buffer_HUC12 and Historic_GSG_Range_10km_Buffer_States_and_Counties. Â The HUC12 features are shown and the attributes include those states and counties that each HUC12 feature overlaps For a link to more detailed processing information on your state's watershed data, please refer to links within the file that was also sent with this dataset called

The state and county features that intersect the Historic_GSG_Range_10km_Buffer Counties of the Continental United States at high resolution.

Depicts the FS Wild Horse & Burro (WHB) managed areas in the GRSGÂ study area to measure direct effects and Depicts BLM managed Wild Horse & Burro Herd Areas, HerdÂ Management Areas, & Historical Areas, within the GRSG study area, links to data on BLM server available
here:Â http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.

Layers and tables for use with the CED interactive map.

This metadata references the polygonal ARC/INFO GIS cover showing the current distribution of potential habitat, or range, of the Greater Sage-grouse (Centrocercus urophasianus) and Gunnison Sage-grouse (Centrocercus minimus) in Western North America. This data was initially researched and compiled by Dr. Michael A. Schroeder, research biologist for the Washington State Department of Fish and Wildlife.

Fire Perimeter and Conifer Expansion data sets with email from Amarina Wuenschel. Provided for the purpose of range-wide GRSG occupancy modeling.

From BLM REAs: https://connect.doi.gov/blm/NOC/REA/Pages/default.aspx. This dataset is a raster of predicted suitable bioclimate using statistical correlations between known habitat and current climate (1950-1999 average) , and then projecting that niche into the future.Â

Depicts Federal sub-surface mineral rights for the States of ColoradoÂ (CO), Montana (MT), Utah (UT), & Wyoming (WY).Â Find at BLM server: http://www.landscape.blm.gov/BER_layerpackages/BLM_All_subsurf_rights_dis.lpk

A spatial join of Historic_GSG_Range_10km_Buffer_States_and_Counties and Historic_GSG_Range_10km_Buffer_HUC12. Â The state and county features are shown and the attributes include those HUC12 features that each state and county feature overlaps. Â It is this feature

This metadata references the polygonal ARC/INFO GIS cover showing the current and historic distribution of potential habitat, or range, of the Greater Sage-grouse (Centrocercus urophasianus) and Gunnison Sage-grouse (Centrocercus minimus) in Western North America. This data was initially researched and compiled by Dr. Michael A. Schroeder, research biologist for the Washington State Department of Fish

GRSG 2015 USFWS Status Review Base Data File Geodatabase that contains 3 base data sets to be used for work invloving the FWS 2015 Status Review of the Greater Sage-Grouse. Â Data sets include 1) Populations, 2) PACs, and 3) Management Zones. These data sets have

This dataset represents the consolidated submissions for non-energyÂ minerals and prospecting permit application data from BLM statesÂ responding to the WO 300 data call during the time period ofÂ November 2011 through May 2012. Link to data on the BLM Server:Â
http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf

Depicts wind energy rights-of-way & approved authorization areasÂ on BLM lands within the GRSG study area. Link to data on the BLM Server:Â
http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf
http://www.firelab.org/project/wildland-fire-potential Â The wildland fire potential (WFP) map is a raster geospatial product produced by the USDA Forest Service, Fire Modeling Institute that is intended to be used in analyses of wildfire risk or hazardous fuels prioritization at large landscapes (100s of square miles) up through regional or national scales. The WFP map builds upon, and integrates, estimates of burn probability (BP) and conditional probabilities of fire intensity levels (FILs) generated for the national interagency Fire Program Analysis system (FPA) using a simulation modeling system called the Large Fire Simulator (FSim; Finney et al. 2011). The specific objective of the 2012 WFP map is to depict the relative potential for wildfire that would be difficult for suppression resources to contain, based on past fire occurrence, 2008 fuels data from LANDFIRE, and 2012 estimates of wildfire likelihood and intensity from FSim. Areas with higher WFP values, therefore, represent fuels with a higher probability of experiencing high-intensity fire with torching, crowning, and other forms of extreme fire behavior under conducive weather conditions. Using the FPA FSim products as inputs, as well as spatial data for vegetation

Depicts merged BLM & FS grazing data within the GRSG study area,Â dissolved to measure total acres.Â Link to data on the BLM Server:Â
http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf
Those allotments in which a land health evaluation has not yet beenÂ done. These allotments were then joined to the GSSP NationalÂ Allotment database on 6/28/12. Of the 10623 allotment recordsÂ from the spreadsheet, 158 were not able to be mapped. Link to data on the BLM Server:Â
http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf

Polygon features for active BLM Administrative areas.
The Historic_GSG_Range with a 10km buffer This metadata references the polygonal ARC/INFO GIS cover showing the current and historic distribution of potential habitat, or range, of the Greater Sage-grouse (Centrocercus urophasianus) and Gunnison Sage-grouse (Centrocercus minimus) in Western North America. This data was initially researched and compiled by Dr. Michael A. Schroeder, research

From BLM REAs: https://connect.doi.gov/blm/NOC/REA/Pages/default.aspx. This dataset is a raster summarizing the change in suitable bioclimate for GRSG by looking at the difference between current and A2 2050s. Value coding:-3 = Lost bioclimate; 0 = absence (current
See the file metadata for additional details. adi120m: Resampled mean annual precipitation.Â The original ~ 1km data was resampled (bilinear) to 120m.Â Original data found at: Climate Spline Models: http://forest.moscowfsl.wsu.edu/climate/
Depicts consolidated submissions for oil shale research,Â development, & demonstration lease data from 12/20/2012. Link to data on the BLM Server:Â
http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf
See file metadata for full descriptions. Western11GrassHerbLF_prop:Â Grassland and herbacious classes were extracted from LANDFIRE EVT 1.2 and were aggregated (mean) to get proportion of each new 120 meter grid cell with Grassland (physiognomy) and Herbacious
Description: Â A map service on the www depicting all the National Forest System lands administered by an unit. These areas encompasse private lands, other governmental agency lands, and may contain National Forest System lands within the proclaimed boundaries of another administrative unit. All National Forest System lands fall within one and only one Administrative Forest Area. This map service provides display, identification, and analysis tools for determining current boundary information for Forest Service managers, GIS
The TIGER/Line shapefiles and related database files (.dbf) are an extract of selected geographic and cartographic information from the U.S. Census Bureau's Master Address File / Topologically Integrated Geographic Encoding and Referencing (MAF/TIGER) Database (MTDB). The MTDB represents a seamless national file with no overlaps or gaps between parts, however, each TIGER/Line shapefile is designed to stand alone as an independent data set, or they can be combined to cover the entire nation. The primary legal divisions of most States are termed counties. In Louisiana, these divisions are known as parishes. In Alaska, which has no counties, the equivalent entities are the organized boroughs, city and boroughs, and municipalities, and for the unorganized area, census areas. The latter are delineated

This data set represents Greater Sage-Grouse Current Range to be used in work for the USFWS 2015 Status Review for the Greater Sage-Grouse. Current Range is defined as areas believed to be currently occupied. Therefore this data set represents occupied habitat for Greater Sage-Grouse. Current range for this data set was created by merging 1) Schroeder et al. 2004 current range and 2) Priority Areas Summary The Digital Obstacle File (updated every 56 days) describes all known obstacles of interest to aviation users in the United States, with limited coverage of the Pacific, the Caribbean, Canada, and Mexico. The obstacles are assigned unique numerical identifiers, accuracy codes, and are listed in order by state. To download a file, right-click, then select "Save" / "Save As" / "Save Target As" to save the desired http://www.horizon-systems.com/nhdplus/NHDPlusV2_home.php.Â NHDPlus is an integrated suite of application-ready geospatial data sets that incorporate many of the best features of theÂ National Hydrography Dataset (NHD) , the National Elevation Dataset (NED) , and The TIGER/Line shapefiles and related database files (.dbf) are an extract of selected geographic and cartographic information from the U.S. Census Bureau's Master Address File / Topologically Integrated Geographic Encoding and Referencing (MAF/TIGER) Database (MTDB). The MTDB represents a seamless national file with no overlaps or gaps between parts, however, each TIGER/Line shapefile is designed to Data Description:Â http://www.landfire.gov/NationalProductDescriptions6.php The Forest Canopy Cover (CC) layer describes the percent cover of the tree canopy in a stand. Specifically, canopy cover describes the vertical projection of the tree canopy onto an imaginary horizontal surface representing the ground's surface. CC is generated using a predictive modeling approach that relates Landsat imagery From BLM REAs: https://connect.doi.gov/blm/NOC/REA/Pages/default.aspx. This dataset is a raster of current predicted suitable bioclimate using statistical correlations between known habitat and current climate (1950-1999 average). 0=Absence; 1=Presence*see

URI

https://www.sciencebase.gov/catalog/item/52c7d845e4b0a753c7d3d502

https://www.sciencebase.gov/catalog/item/52e1949ae4b0d0c3df9a3a0f

https://www.sciencebase.gov/catalog/item/52e17c0ae4b0d0c3df9a3993

https://www.sciencebase.gov/catalog/item/533dcc8ae4b0e2f1c9d8c66a

https://www.sciencebase.gov/catalog/item/53e9387ee4b02d190f05ee3a

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https://www.sciencebase.gov/catalog/item/53e9303be4b02d190f05ee0e

https://www.sciencebase.gov/catalog/item/53eaa023e4b008eaa4f4c51f

https://www.sciencebase.gov/catalog/item/53da90a7e4b0477f68736f49

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https://www.sciencebase.gov/catalog/item/53eb9ce3e4b0461e44772d6b

https://www.sciencebase.gov/catalog/item/53ea70fae4b008eaa4f4c4be

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https://www.sciencebase.gov/catalog/item/53da7d30e4b0477f68736ece

https://www.sciencebase.gov/catalog/item/53da7d81e4b0477f68736ed0

https://www.sciencebase.gov/catalog/item/52c7d714e4b0a753c7d3cfc4

https://www.sciencebase.gov/catalog/item/53eb90cee4b0461e44772d5c

https://www.sciencebase.gov/catalog/item/53e937b9e4b02d190f05ee37

https://www.sciencebase.gov/catalog/item/53e946f2e4b0ccfda6714928

https://www.sciencebase.gov/catalog/item/53e9371be4b02d190f05ee33

https://www.sciencebase.gov/catalog/item/53e9481ae4b0ccfda6714933

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https://www.sciencebase.gov/catalog/item/53ebbb0de4b0461e44772da2

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https://www.sciencebase.gov/catalog/item/53e8c914e4b02d190f05dd93

https://www.sciencebase.gov/catalog/item/52c7832ce4b060b9ebca5bc4

https://www.sciencebase.gov/catalog/item/52c7d7c4e4b0a753c7d3d324

https://www.sciencebase.gov/catalog/item/52c7842ce4b060b9ebca5bd4

https://www.sciencebase.gov/catalog/item/53ea95cbe4b008eaa4f4c50a

https://www.sciencebase.gov/catalog/item/53e93660e4b02d190f05ee2a

https://www.sciencebase.gov/catalog/item/53eb86b2e4b0461e44772d02

https://www.sciencebase.gov/catalog/item/53e94592e4b0ccfda671491b

https://www.sciencebase.gov/catalog/item/53ea4579e4b008eaa4f4c45c

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https://www.sciencebase.gov/catalog/item/52e18b60e4b0d0c3df9a39e8

https://www.sciencebase.gov/catalog/item/52e18644e4b0d0c3df9a39c2

https://www.sciencebase.gov/catalog/item/53e94462e4b0ccfda6714911

https://www.sciencebase.gov/catalog/item/53d6d123e4b00d9e8ffa6124

https://www.sciencebase.gov/catalog/item/53875135e4b0aa26cd7b5440

https://www.sciencebase.gov/catalog/item/53da7c70e4b0477f68736ec8

https://www.sciencebase.gov/catalog/item/53da7dd1e4b0477f68736ed2

https://www.sciencebase.gov/catalog/item/53e5199be4b0fff4042966e1b

https://www.sciencebase.gov/catalog/item/53eb89e3e4b0461e44772d33

https://www.sciencebase.gov/catalog/item/53e933e2e4b02d190f05ee1c

https://www.sciencebase.gov/catalog/item/4f4e48b7e4b07f02db5344ca

https://www.sciencebase.gov/catalog/item/53da7ce8e4b0477f68736eca

https://www.sciencebase.gov/catalog/item/53da7e1de4b0477f68736ed6

https://www.sciencebase.gov/catalog/item/52e18f95e4b0d0c3df9a3a02

https://www.sciencebase.gov/catalog/item/52e17ac3e4b0d0c3df9a3968

https://www.sciencebase.gov/catalog/item/53da817ee4b0477f68736ef0

https://www.sciencebase.gov/catalog/item/53ee7978e4b0f61b386df439

https://www.sciencebase.gov/catalog/item/53e9472be4b0ccfda671492b

https://www.sciencebase.gov/catalog/item/53e94874e4b0ccfda6714935

https://www.sciencebase.gov/catalog/item/53ebb986e4b0461e44772d9b

https://www.sciencebase.gov/catalog/item/53e94674e4b0ccfda6714924

https://www.sciencebase.gov/catalog/item/53e94615e4b0ccfda6714921

https://www.sciencebase.gov/catalog/item/52c798f8e4b060b9ebca5bfe

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