Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
15km Snap Grid used for Hostetler/USGS Climate Data	This layer is only used in Process Models	Metadata	Download	NGB_CL_Snap_15km.lyr	NGB_CL_Snap_15km.img
2010 Census Population (Census Block Groups)	The TIGER/Line Files are shapefiles and related database files (.dbf) that 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	Metadata	Download	ngb_2010_Census_population_poly.lyr	ngb_2010_Census_population_poly
23km Bighorn Sheep Buffer	Change in Population based on ICLUS population estimates for 2010 and 2060 using the base case scenario.	Metadata	Download	ngb_TS_180711_BHS_23km_Buffer_poly.lyr	ngb_TS_180711_BHS_23km_Buffer_poly
303(d) lakes in the NGB	EPA 303(d) listed lakes in the ecoregion	Metadata	Download	ngb_DV_Pollution_303d_Poly.lyr	ngb_DV_Pollution_303d_Poly
303(d) streams in the NGB	EPA 303(d) listed streams in the ecoregion	Metadata	Download	ngb_DV_Pollution_303d_Ln.lyr	ngb_DV_Pollution_303d_Ln
303d Streams	Percentage of Streams in the analysis unit that are listed by the EPA as 303(d) for water quality.	Metadata	Download	ngb_AS_C_550546_SPFrog_Percent_303dStreams_4km_30m.lyr	ngb_AS_C_550546_SPFrog_Percent_303dStreams_4km_30m.img
Agricultural Areas (from Imagery)	Agricultural Areas extracted from ReGAP NW/SW and LANDFIRE and mosaicked into one raster layer (30m)	Metadata	Download	ngb_DV_C_ag_from_imagery_30m.lyr	ngb_DV_C_ag_from_imagery_30m.img
Agriculture	Agriculture from Landfire VCC colored Brown for a layer	Metadata	Download	ngb_Landfire_VCC_30m_Agriculture.lyr	ngb_Landfire_VCC_30m.img
Agriculture	Mask of Agriculture from Landfire VCC dataset	Metadata	Download	ngb_Landfire_VCC_30m_Agriculture_mask.lyr	ngb_Landfire_VCC_30m.img
Agriculture in GSG	Agricultural areas were extracted from state vegetation mapping and their location was compared to location of identified breeding bird density (75%) areas. Breeding bird density areas were mapped by Doherty et al. 2010. < 16% agriculture = good. 16 - 3	Metadata	Download	ngb_TS_C_175855_GSG_BBD_in_Ag_30m.lyr	ngb_TS_C_175855_GSG_BBD_in_Ag_30m.img
Agriculture in Riparian Corridor	Amount of agricultural areas within Riparian Corridors	Metadata	Download	NGB_AE_C_AgDevNatural_in_Riparian_Corridor_poly_Agriculture_in_Riparian_Corridor.lyr	NGB_AE_C_AgDevNatural_in_Riparian_Corridor_poly
Agriculture within 5km (4km Grid)	Agricultural areas extracted from state vegetation mapping (ReGAP) was used to determine the proximity of agriculture to analysis units containing pygmy rabbit modeled suitable habitat. < 9% of analysis unit containing agriculture = good	Metadata	Download	ngb_TS_C_552521_PRabbit_Dist_TO_Ag_4km_30m.lyr	ngb_TS_C_552521_PRabbit_Dist_TO_Ag_4km_30m.img
Amount of Agriculture within Golden Eagle Suitable Habitat	Proximity of urban areas to golden eagle maxent modeled suitable habitat	Metadata	Download	NGB_TS_C_175407_GE_Distance_to_Agr_4km_30m.lyr	NGB_TS_C_175407_GE_Distance_to_Agr_4km_30m.img
Anderson 13 Fuel Model	Anderson Fuel Model was used and symbolized as it was received from Landfire.	Metadata	Download	ngb_FI_Anderson_Fuel_model13_30m.lyr	ngb_FI_Anderson_Fuel_model13_30m.img
Annual Solar Potential (NREL)	National Renewable Energy Laboratory Direct Solar Energy Potential Dataset within the ecoregion	Metadata	Download	ngb_DV_Solar_Potential_DNI_NREL_poly.lyr	ngb_DV_Solar_Potential_DNI_NREL_poly

[1] Click these links to view metadata for the layer; [2] Click these links to download a data package (.lpk or.zip) containing the layer and data files; [3] The names of layer and data files in the downloaded data package

Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Annual Solar Potential (NREL)	National Renewable Energy Laboratory Photovoltaic Solar Energy Potential Dataset within the ecoregion	Metadata	Download	ngb_DV_Solar_potential_PV_NREL_poly.lyr	ngb_DV_Solar_potential_PV_NREL_poly
Aquatic Invasive Detections (USFS)	Aquatic Invasives from the USFS database	Metadata	Download	NGB_IV_Aquatic_Invasives_pt.lyr	NGB_IV_Aquatic_Invasives_pt
Aquifers in the NGB ecoregion	Aquifers from the USGS within the NGB ecoregion	Metadata	Download	ngb_AE_Groundwater_Aquifers_poly.lyr	ngb_AE_Groundwater_Aquifers_poly
Areas of Critical Environmental Concern	This is an aggregate national dataset describing the geographic boundaries of the ACEC within the BLM managed public lands. The designated ACECs are "areas within the public lands where special management attention is required to protect	Metadata	Download	ngb_PL_ACECs_poly.lyr	ngb_PL_ACECs_poly
Aspen	Aspen Distribution based on Landfire and ReGAP within the ecoregion	Metadata	Download	ngb_NV_C_Aspen_30m.lyr	ngb_NV_C_Aspen_30m.img
Aspen Cumulative Indicator Score	Mean score based on burn probability, distance to development and distance to sudden aspen decline	Metadata	Download	ngb_NV_C_Aspen_Cumulative_4km_30m.lyr	ngb_NV_C_Aspen_Cumulative_4km_30m.img
Aspen Distance to Development (30m)	Distance to various forms of development (roads, ag, etc.) for Aspen	Metadata	Download	ngb_NV_C_Aspen_Distance_to_Dev_30m.lyr	ngb_NV_C_Aspen_Distance_to_Dev_30m.img
Aspen FSIM Burn Probability (30m)	Fsim burn probability for Aspen	Metadata	Download	ngb_NV_C_Aspen_BurnProb_30m.lyr	ngb_NV_C_Aspen_BurnProb_30m.img
Aspen Proximity to Disease	Proximity to Sudden Aspen Decline sites based on a 4km analysis unit	Metadata	Download	ngb_NV_C_Aspen_SAD_MW_4km_30m.lyr	ngb_NV_C_Aspen_SAD_MW_4km_30m.img
Aspen Proximity to Disease and Pests (30m)	Proximity to Sudden Aspen Decline sites	Metadata	Download	ngb_NV_C_Aspen_SAD_30m.lyr	ngb_NV_C_Aspen_SAD_30m.img
Aspen Viability (2030)	Aspen using the USFS 2030 viability from their Climate change analysis	Metadata	Download	NGB_NV_N_Aspen_USFS_CC_2030_795m.lyr	NGB_NV_N_Aspen_USFS_CC_2030_795m.img
Aspen Viability (2060)	Aspen using the USFS 2060 viability from their Climate change analysis	Metadata	Download	NGB_NV_L_Aspen_USFS_CC_2060_795m.lyr	NGB_NV_L_Aspen_USFS_CC_2060_795m.img
Aspen Viability (Current)	Aspen using the USFS current viability from their Climate change analysis	Metadata	Download	NGB_NV_C_Aspen_USFS_CC_Current_795m.lyr	NGB_NV_C_Aspen_USFS_CC_Current_795m.img
Average GW Decline (ft.)	Average groundwater decline based on USGS monitoring wells	Metadata	Download	ngb_HUC12_poly_Average_GW_Decline_ft.lyr	ngb_HUC12_poly
Average GW Decline (ft.)	Groundwater decline by HUC 12 where extraction of groundwater exceeds recharge	Metadata	Download	ngb_HUC12_poly_Average_GW_Decline_ft_Springs.lyr	ngb_HUC12_poly
Average GW Decline (ft.)	Groundwater Levels were taken from USGS Groundwater monitoring wells and used to determine the average change in groundwater elevation.	Metadata	Download	ngb_AE_Groundwater_Decline_poly.lyr	ngb_AE_Groundwater_Decline_poly
Average GW Decline (ft.) Snails	Groundwater Levels were taken from USGS Groundwater monitoring wells and used to determine the average change in groundwater elevation.	Metadata	Download	ngb_AE_Groundwater_Decline_poly_snails.lyr	ngb_AE_Groundwater_Decline_poly

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Backcountry Byways (OR only)	Back_Country_Byways_arc: The BCB theme is graphical display of the centerline of Back Country Byways in Oregon. This layer is displayed as a single line. The source linework was extracted from the BLM's Ground Transportation Roads layer (GTRN).	Metadata	Download	ngb_DV_OR_Backcountry_Byways_ln.lyr	ngb_DV_OR_Backcountry_Byways_ln
Bald Eagle Distribution (GAP)	GAP Distribution Model for Bald Eagle showing winter, summer and year round modeled distribution.	Metadata	Download	NGB_TS_C_175420_BE_Distribution_30m.lyr	NGB_TS_C_175420_BE_Distribution_30m.img
Bald Eagle Foraging Habitat	Foraging habitat extent was derived from National Hydrological Dataset data to determine the extent of Bald eagle potential suitable habitat. The quality of a HUC in relation to habitat was defined as good (3), fair (2), or poor (1).	Metadata	Download	NGB_TS_C_175420_BE_Foraging_Habitat_30m.lyr	NGB_TS_C_175420_BE_Foraging_Habitat_30m.img
Bald Eagle Summer Habitat Present in 4km Grid	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	NGB_TS_C_175420_BE_Mask_Summer_4km_30m.lyr	NGB_TS_C_175420_BE_Mask_Summer_4km_30m.img
Bald Eagle Summer Habitat Present in HUC 12	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	NGB_TS_C_175420_BE_Mask_Summer_HUC12_30m.lyr	NGB_TS_C_175420_BE_Mask_Summer_HUC12_30m.img
Bald Eagle Winter Present in 4km Grid	4km grid analysis units in Bald Eagle Winter Habitat	Metadata	Download	NGB_TS_C_175420_BE_Mask_Winter_4km_30m.lyr	NGB_TS_C_175420_BE_Mask_Winter_4km_30m.img
Bald Eagle Winter Present in HUC 12	HUC 12 analysis units in Bald Eagle Winter Habitat	Metadata	Download	NGB_TS_C_175420_BE_Mask_Winter_HUC12_30m.lyr	NGB_TS_C_175420_BE_Mask_Winter_HUC12_30m.img
Bighorn Sheep (WAFWA)	Bighorn Sheep based on 2011 WAFWA boundaries	Metadata	Download	ngb_TS_180711_Bighorn_Sheep_Wafwa_poly.lyr	ngb_TS_180711_Bighorn_Sheep_Wafwa_poly
Bighorn Sheep Range (WAFWA 2011)	This Bighorn Sheep WAFWA layer was used to show the extent of bighorn sheep range within and near the ecoregion.	Metadata	Download	ngb_TS_180711_Bighorn_Sheep_Wafwa_not_Clipped_poly.lyr	ngb_TS_180711_Bighorn_Sheep_Wafwa_not_Clipped_poly
BLM Field Offices	BLM Field Office boundaries	Metadata	Download	NGB_BLM_FieldOffices.lyr	NGB_BLM_offc_poly
BLM Grazing Allotments	BLM Grazing Allotments provided by BLM (colored Brown for one figure)	Metadata	Download	ngb_DV_BLM_Grazing_Allotments_Brown_Poly.lyr	ngb_DV_BLM_Grazing_Allotments_Poly
BLM Grazing Allotments	BLM Grazing Allotments provided by BLM	Metadata	Download	ngb_DV_BLM_Grazing_Allotments_Poly.lyr	ngb_DV_BLM_Grazing_Allotments_Poly
BLM Herd Areas	Wild Horse and Burro Herd Areas (not supposed to be animals there)	Metadata	Download	ngb_PL_HerdAreas_poly.lyr	ngb_PL_HerdAreas_poly
BLM Herd Management Areas	Wild Horse and Burro Herd Management Areas (where BLM currently manages herds)	Metadata	Download	ngb_PL_Herd_Mgmt_Areas.lyr	ngb_PL_Herd_Mgmt_Areas_poly
BLM Herd Management Areas	Burro population based on population counts as of 2012 in wild horse and burro herd management areas	Metadata	Download	ngb_PL_Herd_Mgmt_Areas_Burro_population.lyr	ngb_PL_Herd_Mgmt_Areas_poly
BLM Herd Management Areas	Horse population based on population counts as of 2012 in wild horse and burro herd management areas	Metadata	Download	ngb_PL_Herd_Mgmt_Areas_Horse_population.lyr	ngb_PL_Herd_Mgmt_Areas_poly
BLM Herd Management Areas	Wild Horse and Burro Herd Management Areas (where BLM currently manages herds)	Metadata	Download	ngb_PL_Herd_Mgmt_Areas_poly.lyr	ngb_PL_Herd_Mgmt_Areas_poly

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
BLM Lands	BLM Surface Mgmt. Agency	Metadata	Download	NGB_SMA_BLM_Lands.lyr	ngb_DV_SMA_LandOwnership_poly
BLM Pasture Boundaries	Pastures within the BLM Grazing Allotments	Metadata	Download	ngb_DV_BLM_Grazing_Pastures_Poly.lyr	ngb_DV_BLM_Grazing_Pastures_Poly
BLM Sheep Goat Grazing Allotments	This feature class was created on 8/25/11 by joining the authorized pastures in the RAS data (11/2010) to the grazing GSSP layer.	Metadata	Download	NGB_DV_Sheep_Goat_allotments_poly.lyr	NGB_DV_Sheep_Goat_allotments_poly
BLM Sheep Goat Grazing Allotments Bills	Created by merging the updated shapefiles returned by each field office and selecting out the areas defined for sheep/goat use. The original shapefiles sent to each field office for review were generated by selecting out the billed allotments, billed pastures	Metadata	Download	NGB_DV_Sheep_Goat_Grazing_Bills_Poly.lyr	NGB_DV_Sheep_Goat_Grazing_Bills_Poly
Breeding Bird Density (75)	Greater Sage-Grouse Breeding Bird Densities showing areas containing 75% densities (Vector)	Metadata	Download	ngb_TS_175855_GSG_BBD_75_poly.lyr	ngb_TS_175855_GSG_BBD_75_poly
Bull Trout Flood Risk from Increased Temperature (Jan-Mar) (4km)	Resulting winter flood risk taking into account areas with low precipitation that were removed from consideration.	Metadata	Download	ngb_AS_L_162004_Bull_Trout_FloodRiskCombined_4km_30m.lyr	ngb_AS_L_162004_Bull_Trout_FloodRiskCombined_4km_30m.img
Bull Trout Aquatic Invasive Detections by HUC12	Aquatic Invasive detections based on a HUC 12 analysis unit for bull trout.	Metadata	Download	ngb_AS_C_162004_Bull_Trout_Aquatic_Invasives_HUC12_30m.lyr	ngb_AS_C_162004_Bull_Trout_Aquatic_Invasives_HUC12_30m.img
Bull Trout Aquatic Invasives Detections by 4km Grid	Aquatic Invasive detections based on a 4km grid analysis unit for bull trout.	Metadata	Download	ngb_AS_C_162004_Bull_Trout_Aquatic_Invasives_4km_30m.lyr	ngb_AS_C_162004_Bull_Trout_Aquatic_Invasives_4km_30m.img
Bull Trout Burn Probability (4km Grid)	FSim Burn Probability for bull trout based on a 4km grid analysis unit.	Metadata	Download	ngb_AS_C_162004_Bull_Trout_Burn_Prob_4km_30m.lyr	ngb_AS_C_162004_Bull_Trout_Burn_Prob_4km_30m.img
Bull Trout Critical Habitat	These data identify (in general) the areas where critical habitat for the bull trout (Salvelinus confluentus) occur.	Metadata	Download	ngb_AS_C_162004_Crit_Habitat_streams_ln.lyr	ngb_AS_C_162004_Crit_Habitat_streams_ln
Bull Trout Critical Habitat Lake	These data identify (in general) the areas where final critical habitat for the bull trout (Salvelinus confluentus) occur.	Metadata	Download	ngb_AS_C_162004_Critical_Habitat_Lakes_poly.lyr	ngb_AS_C_162004_Critical_Habitat_Lakes_poly
Bull Trout Cumulative Indicator Score (HUC12)	Cumulative Indicator score adding key ecological attributes ranked 1-3 (3 highest quality) based on a HUC12 analysis unit	Metadata	Download	ngb_AS_C_162004_Bull_Trout_Cumulative_HUC12_2000m.lyr	ngb_AS_C_162004_Bull_Trout_Cumulative_HUC12_2000m.img
Bull Trout Current Temperature Range in the NGB	Bull trout mean July max air temperature based on PRISM 1980-2010 normals.	Metadata	Download	ngb_AS_C_162004_BT_July_PRISM_TMax_30m.lyr	ngb_AS_C_162004_BT_July_PRISM_TMax_30m.img
Bull Trout Fish Barriers	Bull trout fish barriers from IDFG and USFWS	Metadata	Download	ngb_DV_Bull_trout_Fish_Barriers_pt.lyr	ngb_DV_Bull_trout_Fish_Barriers_pt
Bull Trout Fish Barriers by HUC 12	Bull Trout fish barrier count by analysis unit.	Metadata	Download	ngb_AS_C_162004_Bull_Trout_FishBarriers_HUC12_30m.lyr	ngb_AS_C_162004_Bull_Trout_FishBarriers_HUC12_30m.img
Bull Trout Fish Barriers in 4km Grid	Bull Trout fish barrier count by analysis unit.	Metadata	Download	ngb_AS_C_162004_Bull_Trout_FishBarriers_4km_30m.lyr	ngb_AS_C_162004_Bull_Trout_FishBarriers_4km_30m.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Bull Trout Flood Risk by 4km Grid	Winter flood risk of areas transitioning from snow to rain or transient.	Metadata	Download	ngb_AS_L_162004_Bull_Trout_Flood_Risk_4km_30m.lyr	ngb_AS_L_162004_Bull_Trout_Flood_Risk_4km_30m.img
Bull Trout Flood Risk by HUC 12 Watershed	Winter flood risk of areas transitioning from snow to rain or transient.	Metadata	Download	ngb_AS_L_162004_Bull_Trout_Flood_Risk_HUC12_30m.lyr	ngb_AS_L_162004_Bull_Trout_Flood_Risk_HUC12_30m.img
Bull Trout Flood Risk from Increased Temperature (Jan-Mar) (HUC12)	Resulting winter flood risk taking into account areas with low precipitation that were removed from consideration.	Metadata	Download	ngb_AS_L_162004_Bull_Trout_FloodRiskCombined_HUC12_30m.lyr	ngb_AS_L_162004_Bull_Trout_FloodRiskCombined_HUC12_30m.img
Bull Trout in the NGB (Raster)	This raster was created by merging the bull trout critical habitat lakes and streams from USFWS and bull trout streams from Streamnet. There are mostly the same but there are some differences. The raster was used in spatial operations	Metadata	Download	ngb_AS_C_162004_Bull_Trout_Distribution_30m.lyr	ngb_AS_C_162004_Bull_Trout_Distribution_30m.img
Bull Trout Modeled Future Suitable Temperature Range (4km)	Bull trout mean July max air temperature based on future increased temperature of 3 degrees C using the 4km analysis unit.	Metadata	Download	ngb_AS_L_162004_Bull_Trout_July_PRISM_TMAX_4km_30m.lyr	ngb_AS_L_162004_Bull_Trout_July_PRISM_TMAX_4km_30m.img
Bull Trout Modeled Future Suitable Temperature Range (HUC12)	Bull trout mean July max air temperature based on future increased temperature of 3 degrees C using the HUC12 analysis unit.	Metadata	Download	ngb_AS_L_162004_Bull_Trout_July_PRISM_TMAX_HUC12_30m.lyr	ngb_AS_L_162004_Bull_Trout_July_PRISM_TMAX_HUC12_30m.img
Bull Trout Range Present in 4km Grid	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	ngb_AS_C_162004_Bull_Trout_Present_4km_30m.lyr	ngb_AS_C_162004_Bull_Trout_Present_4km_30m.img
Bull Trout Range Present in HUC 12	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	ngb_AS_C_162004_Bull_Trout_Present_HUC12_30m.lyr	ngb_AS_C_162004_Bull_Trout_Present_HUC12_30m.img
Bull Trout Winter Precipitation (Nov-March) (4km)	PRISM winter precipitation showing the lowest class that was removed from consideration of winter flood risk due to low precip.	Metadata	Download	ngb_AS_C_162004_Bull_Trout_WinterPrecip_Nov_Mar_4km_mean_30m.lyr	ngb_AS_C_162004_Bull_Trout_WinterPrecip_Nov_Mar_4km_mean_30m.img
Bull Trout Winter Precipitation (Nov-March) (HUC12)	PRISM winter precipitation showing the lowest class that was removed from consideration of winter flood risk due to low precip.	Metadata	Download	ngb_AS_C_162004_Bull_Trout_WinterPrecip_Nov_Mar_HUC12_Mean_30m.lyr	ngb_AS_C_162004_Bull_Trout_WinterPrecip_Nov_Mar_HUC12_Mean_30m.img
Change in Convective Precip	Change in Mean Total Convective Precipitation for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in millimeters to show the change in mean Total Convective Precipitation.	Metadata	Download	NGB_CL_L_JLY_AUG_delta_RC_Total_15km.lyr	NGB_CL_L_JLY_AUG_delta_RC_Total_15km.img
Change in Housing Density 2010 - 2060	Change in Housing Density based on ICLUS datasets for 2010 and 2060 for the base case scenario. Housing Densities consist of Urban, suburban, exurban and rural based on population density.	Metadata	Download	ngb_DV_L_Housing_Density_2060_2010_100m.lyr	ngb_DV_L_Housing_Density_2060_2010_100m.img
Change in Mean Annual Temp	Change in Mean Temperature for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in degrees C to show the change in mean temperature.	Metadata	Download	NGB_CL_L_ANNUAL_delta_TA_15km.lyr	NGB_CL_L_ANNUAL_delta_TA_15km.img

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Change in Mean Temp (Jul-Aug)	Change in Mean Temperature for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in degrees C to show the change in mean temperature.	Metadata	Download	NGB_CL_L_JLY_AUG_delta_TA_15km.lyr	NGB_CL_L_JLY_AUG_delta_TA_15km.img
Change in Mean Temp (Nov-Feb)	Change in Mean Temperature for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in degrees C to show the change in mean temperature.	Metadata	Download	NGB_CL_L_NOV_FEB_delta_TA_15km.lyr	NGB_CL_L_NOV_FEB_delta_TA_15km.img
Change in Precip (Annual)	Change in Mean Total Precipitation for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in millimeters to show the change in mean Total Precipitation.	Metadata	Download	NGB_CL_L_ANNUAL_delta_RT_15km.lyr	NGB_CL_L_ANNUAL_delta_RT_15km.img
Change in Precip (Jul & Aug)	Change in Mean Total Precipitation for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in millimeters to show the change in mean Total Precipitation.	Metadata	Download	NGB_CL_L_JLY_AUG_delta_RT_Total_15km.lyr	NGB_CL_L_JLY_AUG_delta_RT_Total_15km.img
Change in Precip (June)	Change in Mean Total Precipitation for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in millimeters to show the change in mean Total Precipitation.	Metadata	Download	NGB_CL_L_JUN_delta_RT_Total_15km.lyr	NGB_CL_L_JUN_delta_RT_Total_15km.img
Change in Precip (March to May)	The change in March - May precipitation was calculated by subtracting the future climate scenario from the current. The results are displayed within this dataset.	Metadata	Download	NGB_CL_L_MAR_MAY_delta_RT_Total_15km.lyr	NGB_CL_L_MAR_MAY_delta_RT_Total_15km.img
Change in Precip (Nov to Feb)	Change in Mean Total Precipitation for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in millimeters to show the change in mean Total Precipitation.	Metadata	Download	NGB_CL_L_NOV_FEB_delta_RT_15km.lyr	NGB_CL_L_NOV_FEB_delta_RT_15km.img
Change in Precip (Sep & Oct)	Change in Mean Total Precipitation for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in millimeters to show the change in mean Total Precipitation.	Metadata	Download	NGB_CL_L_SEP_OCT_delta_RT_15km.lyr	NGB_CL_L_SEP_OCT_delta_RT_15km.img
Change in SWE (April)	Change in Mean Total Snow Water Equivalent for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in millimeters to show the change in mean Total Snow Water Equivalent.	Metadata	Download	NGB_CL_L_APR_delta_SWE_15km.lyr	NGB_CL_L_APR_delta_SWE_15km.img
Change in SWE (March)	Change in Mean Total Snow Water Equivalent for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in millimeters to show the change in mean Total Snow Water Equivalent.	Metadata	Download	NGB_CL_L_MAR_delta_SWE_15km.lyr	NGB_CL_L_MAR_delta_SWE_15km.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Change in Temperature (June)	Change in Mean Temperature for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in degrees C to show the change in mean temperature.	Metadata	Download	NGB_CL_L_JUN_delta_TA_15km.lyr	NGB_CL_L_JUN_delta_TA_15km.img
Change in Temperature (March - May)	Change in Mean Temperature for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in degrees C to show the change in mean temperature.	Metadata	Download	NGB_CL_L_MAR_MAY_delta_TA_15km.lyr	NGB_CL_L_MAR_MAY_delta_TA_15km.img
Change in Temperature (September - October)	Change in Mean Temperature for Future Climate scenario (2050 - 2069) to current (1980 - 1999) was displayed on a figure in degrees C to show the change in mean temperature.	Metadata	Download	NGB_CL_L_SEP_OCT_delta_TA_15km.lyr	NGB_CL_L_SEP_OCT_delta_TA_15km.img
Cheatgrass 2010 (EROS/USGS)	Cheatgrass from USGS/EROS study from 2010. This dataset was received at the end of the REA.	Metadata	Download	ngb_IV_Cheatgrass_EROS_250m.lyr	ngb_IV_Cheatgrass_EROS_250m.img
Cheatgrass Cover (Clinton)	Cheatgrass mapping from Clinton et al. 2009	Metadata	Download	ngb_IV_Clinton_Cheatgrass_30m.lyr	ngb_IV_Clinton_Cheatgrass_30m.img
Cheatgrass Cover (Singh and Glenn)	Cheatgrass mapping from Singh and Glenn in 2009	Metadata	Download	ngb_IV_Singh_Glenn_Cheatgrass_Cover_30m.lyr	ngb_IV_Singh_Glenn_Cheatgrass_Cover_30m.img
Cheatgrass Dieoff (Wylie)	Cheatgrass Dieoff mapping from Wylie et al. 2010	Metadata	Download	ngb_IV_Wylie_Cheatgrass_Dieoff_250m.lyr	ngb_IV_Wylie_Cheatgrass_Dieoff_250m.img
Cheatgrass in Salt Desert Shrub	Salt Desert Shrub communities containing cheatgrass based on 2010 EROS cheatgrass mapping	Metadata	Download	ngb_NV_C_SDS_Cheatgrass_30m.lyr	ngb_NV_C_SDS_Cheatgrass_30m.img
Cheatgrass Presence (Bradley and Mustard)	Cheatgrass mapping from Bradley and Mustard in 2005	Metadata	Download	ngb_IV_Bradley_Cheatgrass_1km.lyr	ngb_IV_Bradley_Cheatgrass_1km.img
Cheatgrass Risk (Peterson)	Cheatgrass Risk based on Peterson (2006, 2007)	Metadata	Download	ngb_IV_Cheat_risk_2160m.lyr	ngb_IV_Cheat_risk_2160m.img
Cities	Large Cities around the ecoregion were shown on all the maps to give the reader spatial context	Metadata	Download	NGB_Cities_ESRI_pt.lyr	NGB_Cities_ESRI_pt
Cities	Additional cities and towns not in the general cities dataset was added to the land use map to show more cities around the ecoregion.	Metadata	Download	NGB_detailed_Cities_ESRI_pt.lyr	NGB_detailed_Cities_ESRI_pt
Clinton Cheatgrass Study Area	Extent of Clinton cheatgrass Study area	Metadata	Download	ngb_IV_Boundary_Clinton_Study_Area_poly.lyr	ngb_IV_Boundary_Clinton_Study_Area_poly
Coldwater Fish Barriers	Coldwater fish assemblage fish barriers from redband trout and yellowstone cutthroat trout range-wide assessments and USFWS	Metadata	Download	ngb_DV_CWF_Fish_Barriers_pt.lyr	ngb_DV_CWF_Fish_Barriers_pt
Coldwater Fish Flood Risk by 4km Grid	Winter flood risk of areas transitioning from snow to rain or transient.	Metadata	Download	ngb_AG_L_CWF_Flood_Risk_4km_30m.lyr	ngb_AG_L_CWF_Flood_Risk_4km_30m.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Coldwater Fish Flood Risk by HUC 12 Watershed	Winter flood risk of areas transitioning from snow to rain or transient.	Metadata	Download	ngb_AG_L_CWF_Flood_Risk_HUC12_30m.lyr	ngb_AG_L_CWF_Flood_Risk_HUC12_30m.img
Columbia Spotted Frog Habitat Present in HUC 12	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	ngb_AS_C_550546_SPFrog_Presence_HUC12_30m.lyr	ngb_AS_C_550546_SPFrog_Presence_HUC12_30m.img
Columbia Spotted Frog (Maxent Modeled)	Maxent modeled potential suitable habitat within the ecoregion.	Metadata	Download	ngb_AS_C_550546_SPFrog_Distribution_30m.lyr	ngb_AS_C_550546_SPFrog_Distribution_30m.img
Columbia Spotted Frog Habitat Present in 4km Grid	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	ngb_AS_C_550546_SPFrog_presence_4km_30m.lyr	ngb_AS_C_550546_SPFrog_presence_4km_30m.img
Columbia Spotted Riparian Corridor	The riparian corridor was created based on previous maxent model completed by the Umpqua National Forest. In their methodology, NHD waterbodies and streams were buffered 100m to form the riparian corridor mask used my maxent.	Metadata	Download	ngb_AS_C_550546_SPFrog_Riparian_Corridor_30m.lyr	ngb_AS_C_550546_SPFrog_Riparian_Corridor_30m.img
Combined Goat and Sheep Grazing Allotments	Created by merging the updated shapefiles returned by each field office and selecting out the areas defined for sheep/goat use. The original shapefiles sent to each field office for review were generated by selecting out the billed allotments, billed pastures	Metadata	Download	ngb_DV_Combined_GoatSheep_Pasture_poly.lyr	ngb_DV_Combined_GoatSheep_Pasture_poly
Combined Grazing Allotments (USFS and BLM)	Combined Grazing Allotments (USFS and BLM)	Metadata	Download	ngb_DV_Combined_Grazing_Allotments_Poly.lyr	ngb_DV_Combined_Grazing_Allotments_Poly
Combined Indicator Quality	Overall Habitat Indicator Quality score for Columbia spotted frog. The higher the value the better the quality of the habitat.	Metadata	Download	ngb_AS_C_550546_SPFrog_Cumulative_indicatiors_4km_30m.lyr	ngb_AS_C_550546_SPFrog_Cumulative_indicatiors_4km_30m.img
Combined Indicator Score	Overall Habitat Indicator Quality score for white sturgeon The higher the value the better the quality of the habitat.	Metadata	Download	ngb_AS_C_161068_WSturgeon_Cumulative_HUC12_30m.lyr	ngb_AS_C_161068_WSturgeon_Cumulative_HUC12_30m.img
Combined Juniper	Combined (western and Utah) juniper from landfire and ReGAP vegetation mapping	Metadata	Download	ngb_NV_C_Juniper_30m.lyr	ngb_NV_C_Juniper_30m.img
Combined Juniper Distance to Development (30m)	Distance to various forms of development (roads, ag, etc.) for Juniper	Metadata	Download	ngb_NV_C_Juniper_Distance_to_Dev_30m.lyr	ngb_NV_C_Juniper_Distance_to_Dev_30m.img
Combined Juniper FSIM Burn Probability (30m)	Fsim burn probability for Juniper	Metadata	Download	ngb_NV_C_Juniper_Burn_Probability_30m.lyr	ngb_NV_C_Juniper_Burn_Probability_30m.img
Convective Precip (Jul & Aug)	Mean Total Convective Precipitation for 1980 - 1999 was displayed in millimeters to show the mean total Convective precipitation for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_JLY_AUG_80_99_RC_Total_15km.lyr	NGB_CL_C_JLY_AUG_80_99_RC_Total_15km.img
Convective Precip (Jul & Aug)	Mean Total Convective Precipitation for 2050 - 2069 was displayed in millimeters to show the mean total Convective precipitation for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_JLY_AUG_50_69_RC_Total_15km.lyr	NGB_CL_L_JLY_AUG_50_69_RC_Total_15km.img

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Counties	Counties are shown as labels on maps focusing on population growth. The county boundaries are contained in the population growth dataset.	Metadata	Download	NGB_Counties_ESRI_poly.lyr	NGB_Counties_ESRI_poly
Cropland Data Layer (2011)	Cropland Datalayer for 2011	Metadata	Download	ngb_Cropland_Data_Layer_2011_30m.lyr	ngb_Cropland_Data_Layer_2011_30m.img
Cumulative GSG PPH Indicator Score	Greater sage-grouse key ecological attributes (burn probability, distance to transmission lines, agriculture, etc.) were added together to determine an overall score for the analysis unit within the greater sage-grouse PPH.	Metadata	Download	ngb_TS_C_175855_GSG_Combined_indicators_4km_30m.lyr	ngb_TS_C_175855_GSG_Combined_indicators_4km_30m.img
Cumulative Indicator Score	Cumulation of scoring indicators for open water based on 303(d), aquatic invasives, distance from anthropogenic and native habitat by HUC 12	Metadata	Download	ngb_AE_C_Open_Water_Cum_Ind_poly.lyr	ngb_AE_C_Open_Water_Cum_Ind_poly
Cumulative Indicator Score	Overall Habitat Indicator Quality score for white sturgeon The higher the value the better the quality of the habitat.	Metadata	Download	ngb_AS_C_161068_WSturgeon_Cumulative_4km_30m.lyr	ngb_AS_C_161068_WSturgeon_Cumulative_4km_30m.img
Cumulative Indicator Score	Overall Habitat Indicator Quality score for golden eagle. The higher the value the better the quality of the habitat.	Metadata	Download	NGB_TS_C_175407_GE_Cumulative_Score_4km_grid_30m.lyr	NGB_TS_C_175407_GE_Cumulative_Score_4km_grid_30m.img
Cumulative Indicator Score	Overall Habitat Indicator Quality score for bald eagle summer habitat. The higher the value the better the quality of the habitat.	Metadata	Download	NGB_TS_C_175420_BE_Cumulative_Summer_4km_Grid_30m.lyr	NGB_TS_C_175420_BE_Cumulative_Summer_4km_Grid_30m.img
Cumulative Indicator Score	Overall Habitat Indicator Quality score for bald eagle winter habitat. The higher the value the better the quality of the habitat.	Metadata	Download	NGB_TS_C_175420_BE_Cumulative_Winter_4km_Grid_30m.lyr	NGB_TS_C_175420_BE_Cumulative_Winter_4km_Grid_30m.img
Cumulative Indicator Score	Each of the Key Ecological Attributes pronghorn were added together using their rankings of 1-3 (3 highest quality) to determine an overall quality that can be shown to compare and contrast mule deer summer within the ecoregion.	Metadata	Download	NGB_TS_C_180717_Pronghorn_Cumm_Score_4km_poly.lyr	NGB_TS_C_180717_Pronghorn_Cumm_Score_4km_poly
Cumulative Indicator Score	Pygmy rabbit key ecological attributes (burn probability, human footprint, agriculture, etc.) were added together to determine an overall score for the analysis unit within the pygmy rabbit modeled suitable habitat.	Metadata	Download	ngb_TS_C_552521_PRabbit_Cumlative_4km_30m.lyr	ngb_TS_C_552521_PRabbit_Cumlative_4km_30m.img
Cumulative Indicator Score (4km Grid)	Each of the Key Ecological Attributes for Bighorn sheep were added together using their rankings of 1-3 (3 highest quality) to determine an overall quality that can be shown to compare and contrast bighorn sheep within the ecoregion.	Metadata	Download	NGB_TS_C_180711_Bighorn_Sheep_Cumm_Score_4km_poly.lyr	NGB_TS_C_180711_Bighorn_Sheep_Cumm_Score_4km_poly

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Cumulative Indicator Score (Summer)	Each of the Key Ecological Attributes for Mule Deer were added together using their rankings of 1-3 (3 highest quality) to determine an overall quality that can be shown to compare and contrast mule deer summer within the ecoregion. To derive a total value	Metadata	Download	NGB_TS_C_180697_Mule_Deer_Summ_CummScore_4km_poly.lyr	NGB_TS_C_180697_Mule_Deer_Summ_CummScore_4km_poly
Cumulative Indicator Score (Winter)	Each of the Key Ecological Attributes mule deer were added together using their rankings of 1-3 (3 highest quality) to determine an overall quality that can be shown to compare and contrast mule deer summer within the ecoregion.	Metadata	Download	NGB_TS_C_180697_Mule_Deer_Wint_CummScore_4km_poly.lyr	NGB_TS_C_180697_Mule_Deer_Wint_CummScore_4km_poly
Cumulative Indicator Score for Perennial Streams	Groundwater condition, dam regulated watersheds, natural vegetation, 303(d) listed waters and aquatic invasives were ranked 1 - 3 (3 highest quality) and summed together using raster calculator.	Metadata	Download	NGB_AE_Perennial_Streams_Cumulative_2000m.lyr	NGB_AE_Perennial_Streams_Cumulative_2000m.img
CWF Aquatic Invasive Detections by HUC12	Aquatic Invasive detections based on a HUC 12 analysis unit for Coldwater fish assemblage.	Metadata	Download	ngb_AG_C_CWF_Aquatic_Invasives_HUC12_30m.lyr	ngb_AG_C_CWF_Aquatic_Invasives_HUC12_30m.img
CWF Aquatic Invasives by 4km Grid	Aquatic Invasive detections based on a 4km grid analysis unit for Coldwater fish assemblage.	Metadata	Download	ngb_AG_C_CWF_Aquatic_Invasives_4km_30m.lyr	ngb_AG_C_CWF_Aquatic_Invasives_4km_30m.img
CWF Barriers in 4km Grid	Coldwater fish barrier count by analysis unit.	Metadata	Download	ngb_AG_C_CWF_FishBarriers_4km_30m.lyr	ngb_AG_C_CWF_FishBarriers_4km_30m.img
CWF Burn Probability (4km Grid)	FSim Burn Probability for Coldwater Fish Assemblage based on a 4km grid analysis unit.	Metadata	Download	ngb_AG_C_CWF_BurnProb_4km_30m.lyr	ngb_AG_C_CWF_BurnProb_4km_30m.img
CWF Burn Probability (HUC 12)	FSim Burn Probability for Coldwater Fish Assemblage based on a HUC12 analysis unit.	Metadata	Download	ngb_AG_C_CWF_BurnProb_HUC12_30m.lyr	ngb_AG_C_CWF_BurnProb_HUC12_30m.img
CWF Cumulative Score	Cumulative Indicator score adding key ecological attributes ranked 1-3 (3 highest quality) based on a HUC12 analysis unit	Metadata	Download	ngb_AG_C_CWF_Cumulative_HUC12_2000m.lyr	ngb_AG_C_CWF_Cumulative_HUC12_2000m.img
CWF Fish Barriers by HUC 12	Coldwater fish barrier count by analysis unit.	Metadata	Download	ngb_AG_C_CWF_FishBarriers_HUC12_30m.lyr	ngb_AG_C_CWF_FishBarriers_HUC12_30m.img
CWF Flood Risk from Increased Temperature (Jan-Mar) (HUC12)	Resulting winter flood risk taking into account areas with low precipitation that were removed from consideration.	Metadata	Download	ngb_AG_L_CWF_Flood_Risk_Combined_HUC12_30m.lyr	ngb_AG_L_CWF_Flood_Risk_Combined_HUC12_30m.img
CWF Range in the Ecoregion (Raster)	Redband trout, mountain whitefish, Lahontan cutthroat trout and Yellowstone cutthroat trout were mosaicked to create one raster representing where any of these four species occupy within the Northern Great Basin.	Metadata	Download	ngb_AG_C_ColdWaterFish_30m.lyr	ngb_AG_C_ColdWaterFish_30m.img
CWF Range Present in 4km Grid	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	ngb_AG_C_CWF_Present_4km_30m.lyr	ngb_AG_C_CWF_Present_4km_30m.img
CWF Range Present in HUC 12	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	ngb_AG_C_CWF_Present_HUC12_30m.lyr	ngb_AG_C_CWF_Present_HUC12_30m.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
CWF Winter Precipitation (Nov-March) (4km)	PRISM winter precipitation showing the lowest class that was removed from consideration of winter flood risk due to low precip.	Metadata	Download	ngb_AG_C_CWF_WinterPrecip_Nov_Mar_4km_mean_30m.lyr	ngb_AG_C_CWF_WinterPrecip_Nov_Mar_4km_mean_30m.img
CWF Winter Precipitation (Nov-March) (HUC12)	PRISM winter precipitation showing the lowest class that was removed from consideration of winter flood risk due to low precip.	Metadata	Download	ngb_AG_C_CWF_WinterPrecip_Nov_Mar_HUC12_Mean_30m.lyr	ngb_AG_C_CWF_WinterPrecip_Nov_Mar_HUC12_Mean_30m.img
Dams	Major Dams classified by storage capacity in acre feet	Metadata	Download	ngb_DV_Major_Dams_pt_Max_Storage.lyr	ngb_DV_Major_Dams_pt
Dams Near White Sturgeon Range	Major dams on the Snake River within the range of the white sturgeon.	Metadata	Download	ngb_DV_Snake_river_Dams_pt.lyr	ngb_DV_Snake_river_Dams_pt
Density within 10km (Moving Window)	Density of Aspen within a Moving Window Analysis	Metadata	Download	ngb_NV_C_Aspen_MW_10km_30m.lyr	ngb_NV_C_Aspen_MW_10km_30m.img
Density within 10km (Moving Window)	Density of Combined Juniper within a moving window analysis	Metadata	Download	ngb_NV_C_Juniper_MW_10km_30m.lyr	ngb_NV_C_Juniper_MW_10km_30m.img
Density within 10km (Moving Window)	Density of Other Conifer within a moving window analysis	Metadata	Download	ngb_NV_C_Other_Conifer_MW_10km_30m.lyr	ngb_NV_C_Other_Conifer_MW_10km_30m.img
Density within 10km (Moving Window)	Density of Sagebrush within a moving window analysis	Metadata	Download	ngb_NV_C_Sagebrush_MW10km_30m.lyr	ngb_NV_C_Sagebrush_MW10km_30m.img
Density within 10km (Moving Window)	Density of Salt Desert Shrub within a moving window analysis	Metadata	Download	ngb_NV_C_SDS_MW10km_30m.lyr	ngb_NV_C_SDS_MW10km_30m.img
Distance from Urban Areas	Areas within two hours of urban areas that could experience increased amounts of OHV activity due to their proximity to Urban Areas greater than 20,000	Metadata	Download	ngb_DV_C_OHV_within2Hours_100m.lyr	ngb_DV_C_OHV_within2Hours_100m.img
Distance to Barriers (4km Grid)	Barriers were characterized as the minimum distance from forested regions, highways and perennial rivers. Forested regions were extracted from GAP/EVT landcover data by isolating pixels that were classed as forest.	Metadata	Download	NGB_TS_C_180711_Bighorn_Sheep_Dist_to_Barriers_4km_poly.lyr	NGB_TS_C_180711_Bighorn_Sheep_Dist_to_Barriers_4km_poly
Distance to Development	Mean Distance to various forms of development (roads, ag, etc.) based on a 4km analysis unit	Metadata	Download	ngb_NV_C_Aspen_Distance_to_Dev_4km_30m.lyr	ngb_NV_C_Aspen_Distance_to_Dev_4km_30m.img
Distance to Development	Mean Distance to various forms of development (roads, ag, etc.) based on a 4km analysis unit	Metadata	Download	ngb_NV_C_Juniper_Distance_to_Dev_4km_30m.lyr	ngb_NV_C_Juniper_Distance_to_Dev_4km_30m.img
Distance to Development	Mean Distance to various forms of development (roads, ag, etc.) based on a 4km analysis unit	Metadata	Download	ngb_NV_C_Other_Conifer_Distance_to_Dev_4km_30m.lyr	ngb_NV_C_Other_Conifer_Distance_to_Dev_4km_30m.img
Distance to Development	Mean Distance to various forms of development (roads, ag, etc.) based on a 4km analysis unit	Metadata	Download	ngb_NV_C_Sagebrush_Dist_to_Development_4km_30m.lyr	ngb_NV_C_Sagebrush_Dist_to_Development_4km_30m.img
Distance to Development	Mean Distance to various forms of development (roads, ag, etc.) based on a 4km analysis unit	Metadata	Download	ngb_NV_C_SDS_Distance_to_Dev_4km_30m.lyr	ngb_NV_C_SDS_Distance_to_Dev_4km_30m.img

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Distance to Diseased Stands	Other conifer proximity to pests and diseased sites based on a 4km analysis unit of USFS Aerial Detection surveys	Metadata	Download	ngb_NV_C_Other_Conifer_Distance_to_Disease_4km_30m.lyr	ngb_NV_C_Other_Conifer_Distance_to_Disease_4km_30m.img
Distance to Disturbance (4km Grid)	Human disturbance and presence was assumed to be adequately represented by the existence and proximity of trails, roads, highways and urbanized regions. TIGER road data was used to identify trail, road and highway features.	Metadata	Download	NGB_TS_C_180711_Bighorn_Sheep_Dist_to_Development_4km_poly.lyr	NGB_TS_C_180711_Bighorn_Sheep_Dist_to_Development_4km_poly
Distance to Domestic Sheep (4km Grid)	The risk of disease transmission from domestic sheep to bighorns was evaluated using a proximity analysis of BLM sheep allotments in relation to bighorn sheep occupied habitat. BLM allotment data were used to identify active domestic sheep grazing locations	Metadata	Download	NGB_TS_C_180711_Bighorn_Sheep_Dist_to_DomesticSheep_4km_poly.lyr	NGB_TS_C_180711_Bighorn_Sheep_Dist_to_DomesticSheep_4km_poly
Distance to Juniper	Mean Distance from Sagebrush to Juniper Stands	Metadata	Download	ngb_NV_C_Sagebrush_All_Dist_to_Juniper_30m.lyr	ngb_NV_C_Sagebrush_All_Dist_to_Juniper_30m.img
Distance to Juniper	Mean Distance from Low Sagebrush to Juniper Stands	Metadata	Download	ngb_NV_C_Sagebrush_Low_Dist_to_juniper_30m.lyr	ngb_NV_C_Sagebrush_Low_Dist_to_juniper_30m.img
Distance to Juniper	Mean Distance from Mountain Big Sagebrush to Juniper Stands	Metadata	Download	ngb_NV_C_Sagebrush_Mtn_Dist_to_Juniper_30m.lyr	ngb_NV_C_Sagebrush_Mtn_Dist_to_Juniper_30m.img
Distance to Juniper	Mean Distance from WY/Basin Big Sagebrush to Juniper Stands	Metadata	Download	ngb_NV_C_Sagebrush_WYBB_Dist_to_Juniper_30m.lyr	ngb_NV_C_Sagebrush_WYBB_Dist_to_Juniper_30m.img
Distance to Roads (4km Grid)	Average Distance to TIGER Roads within modeled pronghorn habitat based on a 4km grid analysis unit	Metadata	Download	NGB_TS_C_180717_Pronghorn_Dist_to_Roads_4km_poly.lyr	NGB_TS_C_180717_Pronghorn_Dist_to_Roads_4km_poly
Distance to Roads (Summer) (4km Grid)	Road features were identified using TIGER line data and those features mapped as freeways, secondary roads and local roads were selected.	Metadata	Download	NGB_TS_C_180697_Mule_Deer_Summ_Road_Dist_4km_poly.lyr	NGB_TS_C_180697_Mule_Deer_Summ_Road_Dist_4km_poly
Distance to Roads (Winter) (4km Grid)	Road features were identified using TIGER line data and those features mapped as freeways, secondary roads and local roads were selected.	Metadata	Download	NGB_TS_C_180697_Mule_Deer_Wint_Road_Dist_4km_poly.lyr	NGB_TS_C_180697_Mule_Deer_Wint_Road_Dist_4km_poly
Distance to Roads, Ag, Developed	Distance to development (roads) for each herd area	Metadata	Download	ngb_PL_C_WHB_HerdArea_DistancetoDev4km_30m.lyr	ngb_PL_C_WHB_HerdArea_DistancetoDev4km_30m.img
Distance to Roads, Ag, Developed	Distance to development (roads) for each herd area	Metadata	Download	ngb_PL_C_WHB_HMA_DistancetoDev4km_30m.lyr	ngb_PL_C_WHB_HMA_DistancetoDev4km_30m.img
Distribution (StreamNet 2012)	Streamnet distribution of bull trout within the ecoregion.	Metadata	Download	ngb_AS_C_162004_Streamnet_Dist_ln.lyr	ngb_AS_C_162004_Streamnet_Dist_ln
Distribution of Lahontan cutthroat trout in the NGB (Line)	Lahontan cutthroat trout streams in the ecoregion based on USFWS (2009)	Metadata	Download	ngb_AS_C_201902_LCT_2011_Streams_ln.lyr	ngb_AS_C_201902_LCT_2011_Streams_ln

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DOD and DOE Land Use	Department of Defense and Department of Energy Land Use within the ecoregion based on the Protected Areas Database	Metadata	Download	ngb_DV_DOD_DOE_Land_from_PADS_poly.lyr	ngb_DV_DOD_DOE_Land_from_PADS_poly
Domestic Sheep Grazing Allotments	USFS Sheep Grazing Allotments for 2011	Metadata	Download	ngb_DV_USFS_SheepGrazing_Allotments_poly.lyr	ngb_DV_USFS_SheepGrazing_Allotments_poly
Douglas fir Viability (2030)	Douglas Fir the USFS 2030 viability from their Climate change analysis	Metadata	Download	NGB_NV_N_OC_USFS_CC_Douglas_fir_2030_795m.lyr	NGB_NV_N_OC_USFS_CC_Douglas_fir_2030_795m.img
Douglas fir Viability (2060)	Douglas Fir using the USFS 2060 viability from their Climate change analysis	Metadata	Download	NGB_NV_L_OC_USFS_CC_Douglas_fir_2060_795m.lyr	NGB_NV_L_OC_USFS_CC_Douglas_fir_2060_795m.img
Douglas fir Viability (Current)	Douglas Fir using the USFS current viability from their Climate change analysis	Metadata	Download	NGB_NV_C_OC_USFS_CC_Current_Douglas_Fir_795m.lyr	NGB_NV_C_OC_USFS_CC_Current_Douglas_Fir_795m.img
Ecoregions	Ecoregions near the NGB	Metadata	Download	NGB_Boundary_terrestrial_Ecoregions_poly.lyr	ngb_Boundary_terrestrial_Ecoregions_poly
EGS Geothermal Potential (NREL)	National Renewable Energy Laboratory Geothermal Energy Potential Dataset within the ecoregion	Metadata	Download	ngb_DV_Geothermal_potential_NREL_poly.lyr	ngb_DV_Geothermal_potential_NREL_poly
Engelmann Spruce (2030)	Engelmann Spruce using the USFS 2030 viability from their Climate change analysis	Metadata	Download	NGB_NV_N_OC_USFS_CC_Engleman_Spruce_2030_795m.lyr	NGB_NV_N_OC_USFS_CC_Engleman_Spruce_2030_795m.img
Engelmann Spruce (2060)	Engelmann Spruce using the USFS 2060 viability from their Climate change analysis	Metadata	Download	NGB_NV_L_OC_USFS_CC_Engleman_Spruce_2060_795m.lyr	NGB_NV_L_OC_USFS_CC_Engleman_Spruce_2060_795m.img
Engelmann Spruce (Current)	Engelmann Spruce using the USFS current viability from their Climate change analysis	Metadata	Download	NGB_NV_C_OC_USFS_CC_Current_Engleman_Spruce_795m.lyr	NGB_NV_C_OC_USFS_CC_Current_Englemen_Spruce_795m.img
EPA Toxic Release Inventory Areas	EPA Toxic Release Inventory locations within the ecoregion	Metadata	Download	ngb_DV_EPA_ToxicReleaseInv_Sites_2010_pt.lyr	ngb_DV_EPA_ToxicReleaseInv_Sites_2010_pt
Escape Terrain (4km Grid)	Escape terrain for bighorn sheep was defined as habitat patches that occurred on slopes between 30-85%. Elevation data was retrieved from USGS NED website and slopes were extract that fell within the defined elevation range.	Metadata	Download	NGB_TS_C_180711_Bighorn_Sheep_Escape_4km_poly.lyr	NGB_TS_C_180711_Bighorn_Sheep_Escape_4km_poly
Estimated Travel Time	Urban Areas over 20,000 within 100 miles of the ecoregion were extracted and a cost distance calculation was used with the road network (with speeds assigned). Areas within 2 hours of urban areas were deemed potentially at risk from excessive use of SDA	Metadata	Download	ngb_DV_C_OHV_within2Hours_100m_SDAs.lyr	ngb_DV_C_OHV_within2Hours_100m.img

[1] Click these links to view metadata for the layer; [2] Click these links to download a data package (.lpk or.zip) containing the layer and data files; [3] The names of layer and data files in the downloaded data package

Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Extent of Suitable Habitat	Foraging habitat extent was derived from Existing Vegetation Type (EVT) landcover data to determine the extent of golden eagle potential suitable habitat. The quality of a HUC in relation to habitat extent was defined as good (3), fair (2), or poor (1)	Metadata	Download	NGB_TS_C_175407_GE_Foraging_Habitat_4km_30m.lyr	NGB_TS_C_175407_GE_Foraging_Habitat_4km_30m.img
FAA Wind Turbines (Raster)	Existing wind turbine locations were buffered and converted to a raster to be used in conjunction with other raster layers to form a development layer to be used to measure a distance to development for vegetative coarse filters	Metadata	Download	ngb_DV_C_Wind_Turbines_30m.lyr	ngb_DV_C_Wind_Turbines_30m.img
FAA Wind Turbines All	FAA Wind Turbines (all datasets combined) as a point layer	Metadata	Download	ngb_Wind_Turbines_All_pt.lyr	ngb_Wind_Turbines_All_pt
FAA Wind Turbines Determined Build Date	FAA Wind turbines that a determination of it being a hazard to navigation has taken place and there is a construction date	Metadata	Download	NGB_FAA_Wind_turbines_Determined_Build_Date_pt.lyr	NGB_FAA_Wind_turbines_Determined_Build_Date_pt
FAA Wind Turbines Determined Hazard	FAA Wind turbines that were determined to be a hazard to navigation	Metadata	Download	ngb_FAA_Wind_turbines_Determined_Hazard_pt.lyr	ngb_FAA_Wind_turbines_Determined_Hazard_pt
FAA Wind Turbines No Build Date	FAA Wind turbines that a determination of it being a hazard to navigation has taken place and there is no construction date	Metadata	Download	ngb_FAA_Wind_Turbines_Determined_NoBuildDate_pt.lyr	ngb_FAA_Wind_Turbines_Determined_NoBuildDate_pt
FAA Wind Turbines Not Yet Determined	FAA Wind turbines that a determination of it being a hazard to navigation has not taken place	Metadata	Download	ngb_FAA_Wind_Turbines_NotYet_Determined_pt.lyr	ngb_FAA_Wind_Turbines_NotYet_Determined_pt
Fire Frequency 1990-2012	Fire frequency was scaled from 1 - max number of fires. Some high frequency areas were grouped into the same value based on the fact if it has burned many times (>5) it could be treated the same. This also allows small areas that burn really frequently	Metadata	Download	ngb_FI_C_FireFrequency_1990_present_30m.lyr	ngb_FI_C_FireFrequency_1990_present_30m.img
Fire Frequency 2000-12	Fire frequency was scaled from 1 - max number of fires. Some high frequency areas were grouped into the same value based on the fact if it has burned many times (>5) it could be treated the same. This also allows small areas that burn really frequently	Metadata	Download	ngb_FI_C_FireFrequency_2000_present_30m.lyr	ngb_FI_C_FireFrequency_2000_present_30m.img
Fire Perimeters (2011- 2012)	Fire perimeters for 2011- 2012 were added to several maps to show recent fire activity.	Metadata	Download	ngb_FI_C_Fire_Perim_2011_2012_poly.lyr	ngb_FI_C_Fire_Perim_2011_2012_poly
Flow Regulated Watersheds	Watersheds containing upstream dams that regulate flow in the watershed	Metadata	Download	ngb_AE_Dam_Regulated_Watersheds_poly.lyr	ngb_AE_Dam_Regulated_Watersheds_poly

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Foraging Habitat (4km Grid)	Foraging habitat extent was derived from National Hydrological Dataset data to determine the extent of Bald eagle potential suitable habitat. The quality of a HUC in relation to habitat was defined as good (3), fair (2), or poor (1).	Metadata	Download	NGB_TS_C_175420_BE_Habitat_Summer_4km_30m.lyr	NGB_TS_C_175420_BE_Habitat_Summer_4km_30m.img
Foraging Habitat (4km Grid)	Foraging habitat extent was derived from National Hydrological Dataset data to determine the extent of Bald eagle potential suitable habitat. The quality of a HUC in relation to habitat was defined as good (3), fair (2), or poor (1).	Metadata	Download	NGB_TS_C_175420_BE_Habitat_Winter_4km_30m.lyr	NGB_TS_C_175420_BE_Habitat_Winter_4km_30m.img
FSIM Burn Probability	FSim Burn Probability for Columbia spotted frog based on a 4km grid analysis unit.	Metadata	Download	ngb_AS_C_550546_SPFrog_BurnProb_4km_30m.lyr	ngb_AS_C_550546_SPFrog_BurnProb_4km_30m.img
FSIM Burn Probability	FSim Burn Probability for pygmy rabbit based on a 4km grid analysis unit.	Metadata	Download	ngb_TS_C_552521_PRabbit_BurnProbability_4km_270m.lyr	ngb_TS_C_552521_PRabbit_BurnProbability_4km_270m.img
FSIM Burn Probability	FSIM burn probability was displayed as four classes. Unburnable was classed as 0, low = 1, moderate = 2 and high = 3.	Metadata	Download	ngb_FI_C_FSIM_Burn_Probablility_3classes_270m.lyr	ngb_FI_C_FSIM_Burn_Probablility_3classes_270m.img
FSIM Burn Probability	Fsim burn probability for Aspen based on 4km analysis unit	Metadata	Download	ngb_NV_C_Aspen_BurnProb_4km_30m.lyr	ngb_NV_C_Aspen_BurnProb_4km_30m.img
FSIM Burn Probability	Fsim burn probability for Combined juniper based on 4km analysis unit	Metadata	Download	ngb_NV_C_Juniper_Burn_Prob_4km_30m.lyr	ngb_NV_C_Juniper_Burn_Prob_4km_30m.img
FSIM Burn Probability	Fsim burn probability for Other Conifer based on 4km analysis unit	Metadata	Download	ngb_NV_C_Other_Conifer_Burn_Prob_4km_30m.lyr	ngb_NV_C_Other_Conifer_Burn_Prob_4km_30m.img
FSIM Burn Probability	Fsim burn probability for All Sagebrush types based on 4km analysis unit	Metadata	Download	ngb_NV_C_Sagebrush_Burn_Prob_4km_30m.lyr	ngb_NV_C_Sagebrush_Burn_Prob_4km_30m.img
FSIM Burn Probability	Fsim burn probability for Low Sagebrush based on 4km analysis unit	Metadata	Download	ngb_NV_C_Sagebrush_Low_Burn_Prob_4km_30m.lyr	ngb_NV_C_Sagebrush_Low_Burn_Prob_4km_30m.img
FSIM Burn Probability	Fsim burn probability for Mountain Big Sagebrush on 4km analysis unit	Metadata	Download	ngb_NV_C_Sagebrush_Mtn_Burn_Prob_4km_30m.lyr	ngb_NV_C_Sagebrush_Mtn_Burn_Prob_4km_30m.img
FSIM Burn Probability	Fsim burn probability for WY / Basin Big Sagebrush based on 4km analysis unit	Metadata	Download	ngb_NV_C_Sagebrush_WYBB_Burn_Prob_4km_30m.lyr	ngb_NV_C_Sagebrush_WYBB_Burn_Prob_4km_30m.img
FSIM Burn Probability	Fsim burn probability for Salt Desert Shrub based on 4km analysis unit	Metadata	Download	ngb_NV_C_SDS_Burn_Prob_4km_30m.lyr	ngb_NV_C_SDS_Burn_Prob_4km_30m.img
FSIM Burn Probability	FSIM burn probability data from the perspective of comparing it to the rest of the US	Metadata	Download	ngb_FI_burn_probability_raw_lower48_270m.lyr	ngb_FI_burn_probability_raw_lower48_270m.img
FSIM Burn Probability	Raw burn probability values for the ecoregion used in the process to create the equal areas of low, moderate and high	Metadata	Download	ngb_FI_fsim_burn_prob_raw_270m.lyr	ngb_FI_fsim_burn_prob_raw_270m.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
FSIM Burn Probability	Raw burn probability values for the ecoregion used in the process to create the equal areas of low, moderate and high	Metadata	Download	ngb_FI_fsim_burn_prob_raw_270m.lyr	ngb_FI_fsim_burn_prob_raw_270m.img
FSIM Burn Probability	Raw burn probability values for the ecoregion used in the process to create the equal areas of low, moderate and high	Metadata	Download	ngb_FI_fsim_burn_prob_raw_270m.lyr	ngb_FI_fsim_GSG_Range_burn_prob_3cat_270m.img
FSIM Burn Probability	The burn probability was classed into four groups (unburnable = 0, low =1, moderate = 2, and high =3)	Metadata	Download	ngb_FI_fsim_GSG_Range_burn_prob_3cat_270m.lyr	ngb_FI_fsim_GSG_Range_burn_prob_3cat_270m.img
FSIM Burn Probability (legend only)	FSIM Burn Probability for the NGB classified into three equal categories of low, moderate and high	Metadata	Download	ngb_FI_burn_probability_raw_lower48_270m.lyr	ngb_FI_fsim_GSG_Range_burn_prob_3cat_270m.img
FSIM Burn Probability by 4km Grid	Fsim Burn Probability by Wild Horse and Burro Herd Areas	Metadata	Download	ngb_PL_C_WHB_BurnProbability_HAs_4km_30m.lyr	ngb_PL_C_WHB_BurnProbability_HAs_4km_30m.img
FSIM Burn Probability by 4km Grid	Fsim Burn Probability by Wild Horse and Burro Herd Management Area	Metadata	Download	ngb_PL_C_WHB_BurnProbability_HMAs_4km_30m.lyr	ngb_PL_C_WHB_BurnProbability_HMAs_4km_30m.img
FSim Burn Probability by Allotment	Fsim burn probability within BLM Grazing Allotments	Metadata	Download	ngb_GR_C_BurnProbability_in_BLM_Allotment_30m.lyr	ngb_GR_C_BurnProbability_in_BLM_Allotment_30m.img
FSim Burn Probability by Allotment (USFS)	Fsim burn probability within USFS Grazing Allotments	Metadata	Download	ngb_GR_C_BurnProbability_in_USFS_Allotment_30m.lyr	ngb_GR_C_BurnProbability_in_USFS_Allotment_30m.img
Fsim Burn Probability in Bull Trout Range (HUC 12)	FSim Burn Probability for bull trout based on a HUC 12 analysis unit.	Metadata	Download	ngb_AS_C_162004_Bull_Trout_BurnProb_HUC12_30m.lyr	ngb_AS_C_162004_Bull_Trout_BurnProb_HUC12_30m.img
FSIM Burn Probability in GSG PPH	FSim Burn Probability for greater sage-grouse based on a 4km grid analysis unit.	Metadata	Download	ngb_TS_C_175855_GSG_Burn_Probability_4km_30m.lyr	ngb_TS_C_175855_GSG_Burn_Probability_4km_30m.img
GeoMAC Fire Perimeters (2000 - 2012)	GeoMAC fire perimeters used in a process model only.	Metadata	Download	NGB_FI_GeoMAC_fire_perimeter_poly.lyr	NGB_FI_GeoMAC_fire_perimeter_poly
Geopolitical States	United States Borders that intersect NGB boundary	Metadata	Download	NGB_Geopolitical_States.lyr	NGB_states
Geothermal Facilities Operating by 2025	Geothermal Energy Sites in the ecoregion based upon rnp.org website (limited to Oregon and Idaho) that are permitting, operating or in development and may be operational by 2025	Metadata	Download	ngb_DV_Geothermal_power_Plants_Operating_pt.lyr	ngb_DV_Geothermal_power_Plants_pt
Geothermal Facilities Operating by 2025 (RNP)	Geothermal Energy Sites in the ecoregion based upon rnp.org website (limited to Oregon and Idaho) that are permitting, operating or in development and may be operational by 2025	Metadata	Download	ngb_DV_Alt_Energy_rnp_org_GeoThermal_Operating_Status_pt.lyr	ngb_DV_Alt_Energy_rnp_org_pt
Geothermal Power Plants	Geothermal Power Plants based on U of Nevada (Reno) dataset	Metadata	Download	ngb_DV_Geothermal_power_Plants_pt.lyr	ngb_DV_Geothermal_power_Plants_pt
Geothermal Sites	Geothermal Energy Sites in the ecoregion based upon rnp.org website (limited to Oregon and Idaho)	Metadata	Download	ngb_DV_Alt_Energy_rnp_org_geothermal_pt.lyr	ngb_DV_Alt_Energy_rnp_org_pt
Golden Eagle	Maxent modeled potential suitable nesting and foraging habitat in the ecoregion.	Metadata	Download	NGB_TS_C_175407_Golden_Eagle_Maxent_30m.lyr	NGB_TS_C_175407_Golden_Eagle_Maxent_30m.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Golden Eagle Habitat Present in 4km Grid	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	NGB_TS_C_175407_GE_Mask_4km_30m.lyr	NGB_TS_C_175407_GE_Mask_4km_30m.img
Golden Eagle Habitat Present in HUC 12	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	NGB_TS_C_175407_GE_Mask_HUC12_30m.lyr	NGB_TS_C_175407_GE_Mask_HUC12_30m.img
Grazing Allotment Land Health (USGS)	Rangeland Health based on USGS study of BLM range land health in grazing allotments within the ecoregion	Metadata	Download	ngb_GR_C_LandHealth_in_GrazingAllot_30m.lyr	ngb_GR_C_LandHealth_in_GrazingAllot_30m.img
Grazing Allotment Land Health (USGS)	The Range Health classification of grazing allotments that are within the wild horse and burro herd areas.	Metadata	Download	ngb_PL_C_WHB_HA_Land_Health_30m.lyr	ngb_PL_C_WHB_HA_Land_Health_30m.img
Grazing Allotment Land Health (USGS)	The Range Health classification of grazing allotments that are within the wild horse and burro herd management areas.	Metadata	Download	ngb_PL_C_WHB_HMA_LandHealth_30m.lyr	ngb_PL_C_WHB_HMA_LandHealth_30m.img
Grazing Allotments (BLM/USFS)	USFS Grazing Allotments provided by USFS	Metadata	Download	ngb_DV_USFS_Grazing_Allotments_Poly.lyr	ngb_DV_USFS_Grazing_Allotments_Poly
Greater sage-grouse Breeding Bird Density (75)	GSG Breeding Bird Density raster using the 75% breeding density areas.	Metadata	Download	ngb_TS_C_175855_GSG_BLM_BBD_75_30m.lyr	ngb_TS_C_175855_GSG_BLM_BBD_75_30m.img
Greater sage-grouse Habitat Present in 4km Grid	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	ngb_TS_C_175855_GSG_Presence_4km_30m.lyr	ngb_TS_C_175855_GSG_Presence_4km_30m.img
Greater sage-grouse Habitat Present in HUC 12	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	ngb_TS_C_175855_GSG_Presence_HUC12_30m.lyr	ngb_TS_C_175855_GSG_Presence_HUC12_30m.img
Greater Sage-grouse PPH	State PPH datasets from Oregon, Nevada, California, Utah and Idaho were merged and clipped to the ecoregion and converted to a raster. The resulting raster PPH was used as a mask for spatial operations for greater sage-grouse PPH.	Metadata	Download	NGB_TS_C_175855_GSG_PPH_30m.lyr	NGB_TS_C_175855_GSG_PPH_30m.img
Groundwater Recharge	Natural groundwater recharge based on USGS estimates in the ecoregion	Metadata	Download	ngb_AE_Groundwater_Recharge_poly.lyr	ngb_AE_Groundwater_Recharge_poly
Groundwater Use by HUC12	Groundwater use based on 2005 county estimates by the USGS shown by HUC 12 watershed	Metadata	Download	ngb_AE_C_Groundwater_Use_by_HUC_poly.lyr	ngb_AE_C_Groundwater_Use_by_HUC_poly
GSG Human Population Density in PPH	Human density was calculated from 2010 US Census Bureau's P2 dataset to determine the population per square kilometer. < 2 persons/km2 = good 2 - 27 persons/km2 = moderate > 27 persons/km2 = lower quality	Metadata	Download	ngb_TS_C_175855_GSG_PopDensity_4km_30m.lyr	ngb_TS_C_175855_GSG_PopDensity_4km_30m.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
GSG PPH Distance to Primary Roads	TIGER primary roads (top two classes) or highways was used to determine the average distance within the analysis unit to a highway. The following are the metrics used to analyzed this indicator. > 9 miles = good 5 - 9 miles = moderate < 5 miles = low	Metadata	Download	ngb_TS_C_175855_GSG_Distance_to_Roads_4km_30m.lyr	ngb_TS_C_175855_GSG_Distance_to_Roads_4km_30m.img
GSG PPH Distance to Towers	The euclidean distance was calculated from communication towers within the ecoregion to greater sage-grouse PPH. The mean distance within the analysis unit was calculated using zonal statistics. > 21 miles = good 12- 21 miles = moderate <12 miles = l	Metadata	Download	ngb_TS_C_175855_GSG_Distance_to_Towers_4km_30m.lyr	ngb_TS_C_175855_GSG_Distance_to_Towers_4km_30m.img
GSG PPH Distance to Transmission Lines	The euclidean distance was calculated from transmission lines within the ecoregion to greater sage-grouse PPH. The mean distance within the analysis unit was calculated using zonal statistics. > 15km = good 6 - 15 km = moderate < 6 km = lower quality	Metadata	Download	ngb_TS_C_175855_GSG_Distance_to_Trans_4km_30m.lyr	ngb_TS_C_175855_GSG_Distance_to_Trans_4km_30m.img
GSG PPH in Agriculture	PPH in agricultural lands was identified as a key ecological attribute. Areas with less than 9% agricultural areas in PPH was identified as preferred (based on a 4km analysis unit).	Metadata	Download	ngb_TS_C_175855_GSG_Percent_PPH_in_Ag_4km_30m.lyr	ngb_TS_C_175855_GSG_Percent_PPH_in_Ag_4km_30m.img
GSG PPH in Protected Areas	GAP Status 1 and 2 areas extracted from USGS Protected Areas database were used to identify PPH within protected areas. Zonal statistics were used to determine the percent of the analysis unit contain protected areas. > 64 % = good 26 - 64% = moderate	Metadata	Download	ngb_TS_C_175855_GSG_Percent_PPH_in_PAD_4km_30m.lyr	ngb_TS_C_175855_GSG_Percent_PPH_in_PAD_4km_30m.img
GSG Preliminary Priority Habitat (California)	California Greater Sage-Grouse Preliminary Priority Habitat	Metadata	Download	NGB_TS_175855_GSG_PPH_CA_poly.lyr	NGB_TS_175855_GSG_PPH_CA_poly
GSG Preliminary Priority Habitat (Idaho)	This data set contains landscape-scale greater sage-grouse Preliminary Priority Habitat. A combination of Key Habitat (Sather-Blair et al., 2000; ISAC 2006; BLM 2012), important winter and breeding habitat, local priority areas	Metadata	Download	ngb_TS_175855_GSG_PPH_ID_poly.lyr	ngb_TS_175855_GSG_PPH_ID_poly

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
GSG Preliminary Priority Habitat (Nevada)	Nevada Greater Sage Grouse PPH	Metadata	Download	ngb_TS_175855_GSG_PPH_Nevada_100m.lyr	ngb_TS_175855_GSG_PPH_Nevada_100m.img
GSG Preliminary Priority Habitat (Oregon)	This data has been modified from the original version submitted to the NOC at the request of wildlife biologists in Oregon. Currently occupied GRSG habitat, as identified by Durtsche et al. in 2006, falling outside of identified Core and Low Density area	Metadata	Download	NGB_TS_175855_GSG_PPH_OR_poly.lyr	NGB_TS_175855_GSG_PPH_OR_poly
GSG Preliminary Priority Habitat (Utah)	Utah Greater Sage-Grouse Preliminary Priority Habitat	Metadata	Download	NGB_TS_175855_GSG_PPH_UT_poly.lyr	NGB_TS_175855_GSG_PPH_UT_poly
GW Withdrawals/ GW Recharge	Comparison of water withdrawals vs natural recharge based on a HUC 12 watershed.	Metadata	Download	ngb_AE_Groundwater_Recharge_poly_GW Withdrawals_GW Recharge.lyr	ngb_AE_Groundwater_Recharge_poly
GW Withdrawals/ GW Recharge, Springs	Groundwater withdrawal by HUC 12 where extraction of groundwater exceeds recharge	Metadata	Download	ngb_AE_Groundwater_Recharge_poly_GW_Withdrawals_GW Recharge_Springs.lyr	ngb_AE_Groundwater_Recharge_poly
Historic District	The Protected Areas Database of the United States (PAD-US) is a geodatabase that illustrates and describes public land ownership, management and conservation lands nationally, including voluntarily provided privately protected areas.	Metadata	Download	ngb_PL_Historic_Districts_poly.lyr	ngb_PL_Historic_Districts_poly
Horizontal Visibility (4km Grid)	Habitat patches were assessed and scored on the basis of horizontal visibility. Three datasets were required to support the analysis, including Landfire canopy cover, GAP/EVT landcover data and Landfire existing vegetation height (EVH).	Metadata	Download	NGB_TS_C_180711_Bighorn_Sheep_Horizontal_Viz_4km_poly.lyr	NGB_TS_C_180711_Bighorn_Sheep_Horizontal_Viz_4km_poly
Horse and Burro Occupancy	Status of population of horse and burros in designated herd management areas compared to appropriate management level.	Metadata	Download	ngb_PL_Herd_Mgmt_Areas_Horse_and_Burro_Occupancy.lyr	ngb_PL_Herd_Mgmt_Areas_poly
HUC 10 Polygons (vector)	This data set is a complete digital hydrologic unit boundary layer to the Sub-watershed (12-digit) 6th level for the entire United States. This data set consists of geo-referenced digital data and associated attributes	Metadata	Download	NGB_HUC10_poly.lyr	ngb_HUC10_poly
HUC 12 Polygons (vector)	This data set is a complete digital hydrologic unit boundary layer to the Sub-watershed (12-digit) 6th level for the entire United States. This data set consists of geo-referenced digital data and associated attributes	Metadata	Download	NGB_HUC12_poly.lyr	ngb_HUC12_poly

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HUC12 Watershed with Impaired Water Bodies	EPA listed lakes meeting the 303(d) water quality criteria	Metadata	Download	ngb_DV_pollution_HUC12_with_303D_Poly.lyr	ngb_DV_pollution_HUC12_with_303D_Poly
Human Footprint	Human Footprint based on Leu et al. 2008 (downloaded from sage map)	Metadata	Download	NGB_DV_Human_Footprint_180m.lyr	NGB_DV_Human_Footprint_180m.img
Human Footprint (4km Grid)	Human footprint (downloaded from sage map) was used to determine the amount of human disturbance near pygmy rabbit modeled habitat. Human footprint ranks data on a scale of 1 - 10 (with 1 being the most pristine and 10 being the most anthropogenic)	Metadata	Download	ngb_TS_C_552521_PRabbit_HumanFootprint_4km_30m.lyr	ngb_TS_C_552521_PRabbit_HumanFootprint_4km_30m.img
Human Footprint within 2km	The mean human footprint score within the moving window rolled up to a 4km analysis unit. The lower the value the more pristine the values, the higher the more anthropogenic.	Metadata	Download	ngb_AS_C_550546_SPFrog_Human_Footprint_2km_4km_30m.lyr	ngb_AS_C_550546_SPFrog_Human_Footprint_2km_4km_30m.img
ICLUS Housing Density (be) 2010	ICLUS housing density for 2010 for the base case scenario divided up into categories based on population density	Metadata	Download	ngb_DV_ICLUS_Housing_Density_2010bc_100m.lyr	ngb_DV_ICLUS_Housing_Density_2010bc_100m.img
ICLUS Housing Density (be) 2060	Projected ICLUS housing density for 2060 for the base case scenario divided up into categories based on population density	Metadata	Download	ngb_DV_ICLUS_Housing_Density_2060bc_100m.lyr	ngb_DV_ICLUS_Housing_Density_2060bc_100m.img
ICLUS Population Growth (2060 - 2010)	Change in Population based on ICLUS population estimates for 2010 and 2060 using the base case scenario.	Metadata	Download	ngb_DV_L_ICLUS_pop_Growth_County_poly.lyr	ngb_DV_L_ICLUS_pop_Growth_County_poly
Idaho Wetlands	Idaho State level wetlands mapping	Metadata	Download	ngb_AE_Wetlands_Idaho_poly.lyr	ngb_AE_Wetlands_Idaho_poly
Juniper Cumulative Indicator Score	Mean score based on burn probability and distance to development	Metadata	Download	ngb_NV_C_Juniper_Cumulative_4km_30m.lyr	ngb_NV_C_Juniper_Cumulative_4km_30m.img
Lahontan Cutthroat Trout Current Temperature Range in the NGB	Lahontan cutthroat trout mean July max air temperature based on PRISM 1980-2010 normals.	Metadata	Download	ngb_AS_C_201902_LCT_July_PRISM_TMAX_30m.lyr	ngb_AS_C_201902_LCT_July_PRISM_TMAX_30m.img
Lahontan Cutthroat Trout in the NGB (raster)	Lahontan cutthroat trout range within the ecoregion converted to a raster for analysis.	Metadata	Download	ngb_AS_C_201902_Lahontan_30m.lyr	ngb_AS_C_201902_Lahontan_30m.img
Land Treatment Projects	The Land Treatment Digital Library (LTDL) is a database that incorporates tabular data, documents, photos, and GIS data. The allProjectsPoly dataset contains the project level polygon perimeters. All efforts are made to ensure that the data are accurate	Metadata	Download	ngb_DV_Land_Treatment_Projects_poly.lyr	ngb_DV_Land_Treatment_Projects_poly
Land Treatments from the Land Treatment Digital Library (Raster)	Land Treatment polygons were extracted from the digital treatment library and used as a layer to show where development or treatments have occurred. This information was used a part of the general development datasets	Metadata	Download	ngb_DV_C_LandTreaments_30m.lyr	ngb_DV_C_LandTreaments_30m.img

[1] Click these links to view metadata for the layer; [2] Click these links to download a data package (.lpk or.zip) containing the layer and data files; [3] The names of layer and data files in the downloaded data package

Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
LANDFIRE EVC	Landfire Existing Vegetation Cover (EVC) for the ecoregion	Metadata	Download	ngb_Landfire_ExistVegCover_30m.lyr	ngb_Landfire_ExistVegCover_30m.img
LANDFIRE EVH	Landfire Existing Vegetation Height (EVH) for the ecoregion	Metadata	Download	ngb_Landfire_ExistVegHeight_30m.lyr	ngb_Landfire_ExistVegHeight_30m.img
LANDFIRE EVT	The LANDFIRE existing vegetation layers describe the following elements of existing vegetation for each LANDFIRE mapping zone: existing vegetation type, existing vegetation canopy cover, and existing vegetation height.	Metadata	Download	ngb_Landfire_EVT_30m.lyr	ngb_Landfire_EVT_30m.img
Landscape Condition Model	Western Governors Association Landscape Integrity Score based on Nature serve's Landscape Condition Model	Metadata	Download	NGB_EI_WGA_LI_lcv41_270m.lyr	NGB_EI_WGA_LI_lcv41_270m.img
Large Intact Blocks Level 1	Western Governors Association Large Intact Blocks (Level 1) based on their Landscape Integrity scores	Metadata	Download	NGB_WGA_LIB_lvl1_poly.lyr	NGB_WGA_LIB_lvl1_poly
Large Intact Blocks Level 2	Western Governors Association Large Intact Blocks (Level 2) based on their Landscape Integrity scores	Metadata	Download	NGB_WGA_LIB_lvl2_poly.lyr	NGB_WGA_LIB_lvl2_poly
Large Intact Blocks Level 3	Western Governors Association Large Intact Blocks (Level 3) based on their Landscape Integrity scores	Metadata	Download	NGB_WGA_LIB_lvl3_poly.lyr	NGB_WGA_LIB_lvl3_poly
LCT Lakes	Lakes identified containing Lahontan cutthroat trout in the ecoregion	Metadata	Download	ngb_AS_C_201902_LCT_2011_Lakes_poly.lyr	ngb_AS_C_201902_LCT_2011_Lakes_poly
LCT Modeled Future Suitable Temperature Range (HUC12)	Lahontan cutthroat trout mean July max air temperature based on future increased temperature of 3 degrees C using the HUC12 analysis unit.	Metadata	Download	ngb_AS_L_201902_LCT_July_PRISM_TMAX_HUC12_30m.lyr	ngb_AS_L_201902_LCT_July_PRISM_TMAX_HUC12_30m.img
Lodgepole pine (2030)	Lodgepole Pine using the USFS 2030 viability from their Climate change analysis	Metadata	Download	NGB_NV_N_OC_USFS_CC_Lodgepole_pine_2030_795m.lyr	NGB_NV_N_OC_USFS_CC_Lodgepole_pine_2030_795m.img
Lodgepole pine (2060)	Lodgepole Pine using the USFS 2060 viability from their Climate change analysis	Metadata	Download	NGB_NV_L_OC_USFS_CC_Lodgepole_pine_2060_795m.lyr	NGB_NV_L_OC_USFS_CC_Lodgepole_pine_2060_795m.img
Lodgepole pine (Current)	Lodgepole Pine using the USFS current viability from their Climate change analysis	Metadata	Download	NGB_NV_C_OC_USFS_CC_Current_Lodgepole_Pine_795m.lyr	NGB_NV_C_OC_USFS_CC_Current_Lodgepole_Pine_795m.img
Major Dams (National Atlas)	Major Dams in the ecoregion from the National Atlas	Metadata	Download	ngb_DV_Major_Dams_pt.lyr	ngb_DV_Major_Dams_pt
Major Highways	Selected major interstates and highways near the ecoregion	Metadata	Download	ngb_MajorHighways_ln.lyr	ngb_MajorHighways_ln

[1] Click these links to view metadata for the layer; [2] Click these links to download a data package (.lpk or.zip) containing the layer and data files; [3] The names of layer and data files in the downloaded data package

Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Major Streams	U.S. National Atlas Water Feature Lines represents the linear water features (for example, aqueducts, canals, intracoastal waterways, and streams) of the United States.	Metadata	Download	ngb_AE_MajorStreams_line.lyr	ngb_AE_MajorStreams_line
Major Streams (NHD)	Perennial Streams in the ecoregion based on the USGS National Hydrographic Dataset	Metadata	Download	ngb_AE_C_Perennial_Streams_line.lyr	ngb_AE_C_Perennial_Streams_line
Mask of Landfire VCC	Masking out non Agricultural Areas using Landfire VCC	Metadata	Download	ngb_Landfire_VCC_30m_mask.lyr	ngb_Landfire_VCC_30m.img
Mask of NGB Ecoregion	U.S. States represents the 50 states, the District of Columbia, and Puerto Rico of the United States.	Metadata	Download	NGB_REA_Boundary_HUC10_Mask__poly.lyr	NGB_REA_Boundary_HUC10_Mask__poly
Mask of Urban Development (VCC)	Vegetation Condition Class (VCC) for the ecoregion	Metadata	Download	ngb_Landfire_VCC_30m.lyr	ngb_Landfire_VCC_30m.img
Mean Annual Temp	Mean Temperature for 1980 - 1999 was displayed in degrees C to show the mean temperature for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_ANNUAL_80_99_TA_15km.lyr	NGB_CL_C_ANNUAL_80_99_TA_15km.img
Mean Annual Temp	Mean Temperature for 2050 - 2069 was displayed in degrees C to show the mean temperature for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_ANNUAL_50_69_TA_15km.lyr	NGB_CL_L_ANNUAL_50_69_TA_15km.img
Mean Distance to Roads by Allotment	Distance to TIGER Roads from BLM Grazing Allotments	Metadata	Download	ngb_GR_C_Distance_to_Roads_in_BLM_Allotment_30m.lyr	ngb_GR_C_Distance_to_Roads_in_BLM_Allotment_30m.img
Mean Distance to Roads by Allotment (USFS)	Distance to TIGER Roads from USFS Grazing Allotments	Metadata	Download	ngb_GR_C_Distance_to_Roads_in_USFS_Allotment_30m.lyr	ngb_GR_C_Distance_to_Roads_in_USFS_Allotment_30m.img
Mean Lateral Distance of Open Water from Anthropogenic Influences	Distance from Anthropogenic features to open water in the ecoregion	Metadata	Download	ngb_AE_C_Open_water_mean_distance_anthro_poly.lyr	ngb_AE_C_Open_water_mean_distance_anthro_poly
Mean Temp (Jul-Aug)	Mean Temperature for 1980 - 1999 was displayed in degrees C to show the mean temperature for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_JLY_AUG_80_99_TA_15km.lyr	NGB_CL_C_JLY_AUG_80_99_TA_15km.img
Mean Temp (Jul-Aug)	Mean Temperature for 2050 - 2069 was displayed in degrees C to show the mean temperature for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_JLY_AUG_50_69_TA_15km.lyr	NGB_CL_L_JLY_AUG_50_69_TA_15km.img
Mean Temp (June)	Mean Temperature for 1980 - 1999 was displayed in degrees C to show the mean temperature for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_JUN_80_99_TA_15km.lyr	NGB_CL_C_JUN_80_99_TA_15km.img
Mean Temp (June)	Temperature was measured using the TA variable from the USGS/Hostetler dataset for the future climate scenario (2050-69).The temperature was calculated by extracting the month of June as a monthly bin .	Metadata	Download	NGB_CL_L_JUN_50_69_TA_15km.lyr	NGB_CL_L_JUN_50_69_TA_15km.img
Mean Temp (Mar - May)	Mean Temperature for 1980 - 1999 was displayed in degrees C to show the mean temperature for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_MAR_MAY_80_99_TA_15km.lyr	NGB_CL_C_MAR_MAY_80_99_TA_15km.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Mean Temp (Mar - May)	Mean Temperature for 2050 - 2069 was displayed in degrees C to show the mean temperature for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_MAR_MAY_50_69_TA_15km.lyr	NGB_CL_L_MAR_MAY_50_69_TA_15km.img
Mean Temp (Nov - Feb)	Mean Temperature for 1980 - 1999 was displayed in degrees C to show the mean temperature for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_NOV_FEB_80_99_TA_15km.lyr	NGB_CL_C_NOV_FEB_80_99_TA_15km.img
Mean Temp (Nov - Feb)	Mean Temperature for 2050 - 2069 was displayed in degrees C to show the mean temperature for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_NOV_FEB_50_69_TA_15km.lyr	NGB_CL_L_NOV_FEB_50_69_TA_15km.img
Mean Temp (Sep - Oct)	Mean Temperature for 1980 - 1999 was displayed in degrees C to show the mean temperature for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_SEP_OCT_80_99_TA_15km.lyr	NGB_CL_C_SEP_OCT_80_99_TA_15km.img
Mean Temp (Sep - Oct)	Mean Temperature for 2050 - 2069 was displayed in degrees C to show the mean temperature for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_SEP_OCT_50_69_TA_15km.lyr	NGB_CL_L_SEP_OCT_50_69_TA_15km.img
Meteorological Towers from FAA	Meteorological Towers from the FAA dataset that could identify possible areas where future wind energy sites could be.	Metadata	Download	ngb_Wind_Turbines_Met_Towers_pt.lyr	ngb_Wind_Turbines_All_pt
Mining from Imagery	Agricultural land use were extracted from Landfire. This was lumped together with other development features.	Metadata	Download	ngb_DV_C_mining_from_imagery_30m.lyr	ngb_DV_C_mining_from_imagery_30m.img
Mixed Conifer Aspen	Mixed Conifer Aspen Distribution based on Landfire and ReGAP within the ecoregion	Metadata	Download	ngb_NV_C_Aspen_MixedConiferAspenonly_30m.lyr	ngb_NV_C_Aspen_MixedConiferAspenonly_30m.img
Modeled Habitat within 40m of Road	The percentage of roads that are within 40m of Columbia spotted frog modeled habitat. Any analysis unit greater than 2.5 % was classified as lower quality habitat.	Metadata	Download	ngb_AS_C_550546_SPFrog_within_40m_of_Road_4km_30m.lyr	ngb_AS_C_550546_SPFrog_within_40m_of_Road_4km_30m.img
Modeled Pronghorn Habitat	Modeled pronghorn habitat patches within the Northern Great Basin	Metadata	Download	NGB_TS_C_180717_Pronghorn_Modeled_Habitat_poly.lyr	NGB_TS_C_180717_Pronghorn_Modeled_Habitat_poly
Modeled Riparian Corridor in the NGB Ecoregion	Combination of modeled riparian corridor based on bank full width of stream and riparian vegetation extracted from state vegetation mapping (ReGAP)	Metadata	Download	ngb_AE_C_Riparian_Corridor_30m.lyr	ngb_AE_C_Riparian_Corridor_30m.img
Modeled Stream Temperature Change (Suitability) for Lahontan Cutthroat trout (4km)	Lahontan cutthroat trout mean July max air temperature based on future increased temperature of 3 degrees C using the 4km analysis unit.	Metadata	Download	ngb_AS_L_201902_LCT_July_PRISM_TMAX_4km_30m.lyr	ngb_AS_L_201902_LCT_July_PRISM_TMAX_4km_30m.img
Modeled Stream Temperature Change (Suitability) for Yellowstone Cutthroat Trout (HUC12)	Using temperature range derived in earlier datasets for the range of Yellowstone cutthroat trout in the ecoregion, the following assumptions are made of a future climate scenario. Suitable is <= current Mean July Air Temp + 1 Standard Deviation (<=2	Metadata	Download	ngb_AS_L_553416_YCT_July_PRISM_TMAX_HUC12_30m.lyr	ngb_AS_L_553416_YCT_July_PRISM_TMAX_HUC12_30m.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Modeled Summer and Year Long Habitat (Vector)	The Habitat Concentration Area model uses attributes representative of the focal species and on the distribution of natural conditions. Habitat Concentration Area toolset developed by WHCWG identifies large, contiguous areas that have retained high level	Metadata	Download	NGB_TS_C_180697_Mule_Deer_Summer_Patch_poly.lyr	NGB_TS_C_180697_Mule_Deer_Summer_Patch_poly
Modeled Summer Mule Deer Habitat	Modeled summer mule deer habitat based on HCA Resistance model.	Metadata	Download	NGB_TS_C_180697_MuleDeer_SummerHabitat_100m.lyr	NGB_TS_C_180697_MuleDeer_SummerHabitat_100m.img
Modeled Winter and Year Long Habitat (Vector)	The Habitat Concentration Area model uses attributes representative of the focal species and on the distribution of natural conditions. Habitat Concentration Area toolset developed by WHCWG identifies large, contiguous areas that have retained high level	Metadata	Download	NGB_TS_C_180697_Mule_Deer_Winter_Patch_poly.lyr	NGB_TS_C_180697_Mule_Deer_Winter_Patch_poly
Modeled Winter Mule Deer Habitat	Modeled winter mule deer habitat based on HCA Resistance model.	Metadata	Download	NGB_TS_C_180697_Mule_Deer_WinterHabitat_100m.lyr	NGB_TS_C_180697_Mule_Deer_WinterHabitat_100m.img
Moderate to High Cheatgrass (Bradley)	Moderate to High Cheatgrass mapping from Bradley and Mustard in 2005	Metadata	Download	ngb_IV_Bradley_Mod_High_Cheatgrass_2160m.lyr	ngb_IV_Bradley_Mod_High_Cheatgrass_2160m.img
Mountain Whitefish (IDFG)	Streams identified containing mountain whitefish	Metadata	Download	ngb_AS_C_162009_MWhitefish_Streams_ln.lyr	ngb_AS_C_162009_MWhitefish_Streams_ln
Mountain Whitefish Current Temperature Range in the NGB	Mountain whitefish mean July max air temperature based on PRISM 1980-2010 normals.	Metadata	Download	ngb_AS_C_162009_MW_July_PRISM_TMAX_30m.lyr	ngb_AS_C_162009_MW_July_PRISM_TMAX_30m.img
Mountain Whitefish in the NGB (raster)	Mountain whitefish range within the ecoregion converted to a raster for analysis.	Metadata	Download	ngb_AS_C_162009_MWhitefish_30m.lyr	ngb_AS_C_162009_MWhitefish_30m.img
Mountain Whitefish Modeled Future Suitable Temperature Range (4km)	Mountain whitefish mean July max air temperature based on future increased temperature of 3 degrees C using the 4km analysis unit.	Metadata	Download	ngb_AS_L_162009_MW_July_PRISM_TMAX_4km_30m.lyr	ngb_AS_L_162009_MW_July_PRISM_TMAX_4km_30m.img
Mountain Whitefish Modeled Future Suitable Temperature Range (HUC12)	Mountain whitefish mean July max air temperature based on future increased temperature of 3 degrees C using the HUC12 analysis unit.	Metadata	Download	ngb_AS_L_162009_MW_July_PRISM_TMAX_HUC12_30m.lyr	ngb_AS_L_162009_MW_July_PRISM_TMAX_HUC12_30m.img
MRDS Mines	Number of mines in the analysis unit. No mines was an indicator of good habitat while any mines were a lower quality indicator.	Metadata	Download	ngb_AS_C_550546_SPFrog_Mines_4km_30m.lyr	ngb_AS_C_550546_SPFrog_Mines_4km_30m.img
Mule Deer Snow Depth (Winter)	Snow depth was determined to be a potential limiting factor in the distribution of mule deer	Metadata	Download	NGB_TS_C_180697_Mule_Deer_Snow_depth_4km_poly.lyr	NGB_TS_C_180697_Mule_Deer_Snow_depth_4km_poly
MWhitefish Lakes	Lakes identified containing Mountain whitefish in the ecoregion	Metadata	Download	ngb_AS_C_162009_MWhitefish_Lakes_poly.lyr	ngb_AS_C_162009_MWhitefish_Lakes_poly
NADP Hg Deposition 2011	Mercury Deposition for 2011 based on NADP datasets	Metadata	Download	ngb_DV_NADP_Hg_dep_2011_2400m.lyr	ngb_DV_NADP_Hg_dep_2011_2400m.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
NADP Stations	National Atmospheric Deposition Program monitoring stations with the ecoregion	Metadata	Download	NGB_DV_NADP_Stations_pt.lyr	NGB_DV_NADP_Stations_pt
NADP Total N Deposition 2011	Total Nitrogen Deposition for 2011 based on NADP datasets	Metadata	Download	ngb_DV_NADP_TotalN_dep_2011_2400m.lyr	ngb_DV_NADP_TotalN_dep_2011_2400m.img
NADP Total S + N Deposition 2011	Acid Deposition (Sulphur and Nitrogen) for 2011 based on NADP datasets	Metadata	Download	ngb_DV_NADP_ACID_dep_SplusN_2011_2400m.lyr	ngb_DV_NADP_ACID_dep_SplusN_2011_2400m.img
National Conservation Area	National Conservation Areas from Protected Areas Database	Metadata	Download	ngb_PL_NCAs_Poly.lyr	ngb_PL_NCAs_Poly
National Land Cover Dataset	National Land Cover Dataset from 2006 for the ecoregion	Metadata	Download	ngb_NLCD_30m.lyr	ngb_NLCD_30m.img
National Monument	The Protected Areas Database of the United States (PAD-US) is a geodatabase that illustrates and describes public land ownership, management and conservation lands nationally, including voluntarily provided privately protected areas.	Metadata	Download	ngb_PL_National_Monuments_poly.lyr	ngb_PL_National_Monuments_poly
National Wildlife Refuge	The Protected Areas Database of the United States (PAD-US) is a geodatabase that illustrates and describes public land ownership, management and conservation lands nationally, including voluntarily provided privately protected areas.	Metadata	Download	ngb_PL_NWRs_Poly.lyr	ngb_PL_NWRs_Poly
NED Elevation	NED Elevation for the Northern Great Basin	Metadata	Download	ngb_NED_Elevation_30m.lyr	ngb_NED_Elevation_30m.img
NED Elevation Percent Slope 30m	Percent Slope calculated for the ecoregion.	Metadata	Download	ngb_NED_Perc_Slope_30m.lyr	ngb_NED_Perc_Slope_30m.img
NGB REA Boundary	The REA boundary was used on most figures to show the extent of the analysis.	Metadata	Download	NGB_REA_Boundary_HUC10_poly.lyr	NGB_REA_Boundary_HUC10_poly
NGB Sections	PLSS Sections	Metadata	Download	NGB_PLSS_Sections.lyr	NGB_PLSS_Sections
NGB Townships	PLSS Townships	Metadata	Download	NGB_PLSS_Townships.lyr	NGB_PLSS_Township
NHD Area Perennial Stream/River Waterbodies	All National Hydrographic Datasets Water Areas	Metadata	Download	ngb_AE_NHD_Area_poly.lyr	ngb_AE_NHD_Area_poly
NHD Open Water	Open water features in the ecoregion based on National Hydrographic Dataset	Metadata	Download	ngb_AE_NHD_Waterbody_poly.lyr	ngb_AE_NHD_Waterbody_poly
NHD Streams with NHD Plus Attributes	The National Hydrography Dataset (NHD) is a feature-based database that interconnects and uniquely identifies the stream segments or reaches that make up the nation's surface water drainage system. NHD data was originally developed at 1:100,000-scale	Metadata	Download	ngb_AE_NHD_Streams_Plus_Attributes_ln.lyr	ngb_AE_NHD_Streams_Plus_Attributes_ln
NISIMS Weed Data	Weed Data from the BLM National Invasive Species Management System (California, Idaho and Utah)	Metadata	Download	ngb_IV_Weed_Data_NISIMS_ID_CA_UT_pt.lyr	ngb_IV_Weed_Data_NISIMS_ID_CA_UT_pt
NLCD Canopy Cover	Tree canopy cover from NLCD 2006 datasets	Metadata	Download	ngb_Canopy_Cover_30m.lyr	ngb_Canopy_Cover_30m.img
NLCD Impervious Area	Impervious areas extracted from NLCD 2006 for the ecoregion.	Metadata	Download	ngb_NLCD_Impervious_30m.lyr	ngb_NLCD_Impervious_30m.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
NOAA Snow Depth	NOAA March Snow Depth in inches	Metadata	Download	NGB_CL_Snow_Depth_poly.lyr	NGB_CL_Snow_Depth_poly
NV NHP Weed Data	Weed Data from the Nevada Natural Heritage Program	Metadata	Download	ngb_IV_Weed_Data_NV_pt.lyr	ngb_IV_Weed_Data_NV_pt
OHV Areas (ID Only)	BLM ID State OHV Areas based on their Transportation OHV Designation dataset	Metadata	Download	ngb_DV_ID_OHV_Areas_poly.lyr	ngb_DV_ID_OHV_Areas_poly
OHV Locations (OR)	OHV location in Oregon based on State mapping.	Metadata	Download	ngb_DV_OR_OHV_Pt.lyr	ngb_DV_OR_OHV_Pt
OHV Recreation Areas (CA)	OHV Areas in California (only one OHV area in the ecoregion was located at Fort Sage)	Metadata	Download	ngb_DV_CA_OHV_Areas_poly.lyr	ngb_DV_CA_OHV_Areas_poly
Open Water (NHD)	Open Water in the ecoregion based on the USGS National Hydrographic Dataset	Metadata	Download	ngb_AE_C_Open_Water_Poly.lyr	ngb_AE_C_Open_Water_Poly
Open Water (NHD)	Open Water in the ecoregion based on the USGS National Hydrographic Dataset	Metadata	Download	ngb_AE_Open_Water_NHD_poly.lyr	ngb_AE_Open_Water_NHD_poly
Oregon BLM Weed Data	Weed Data from BLM Oregon State Office	Metadata	Download	ngb_IV_Weed_Data_OR_pt.lyr	ngb_IV_Weed_Data_OR_pt
Other Conifer Cumulative Indicator Score	Mean score based on burn probability, distance to development and distance to disease	Metadata	Download	ngb_NV_C_OtherConifer_Cumulative_4km_30m.lyr	ngb_NV_C_OtherConifer_Cumulative_4km_30m.img
Other Conifer Distance to Development (30m)	Distance to various forms of development (roads, ag, etc.) for Other conifer	Metadata	Download	ngb_NV_C_Other_Conifer_Distance_to_Dev_30m.lyr	ngb_NV_C_Other_Conifer_Distance_to_Dev_30m.img
Other Conifer FSIM Burn Probability (30m)	Fsim burn probability for Other Conifer	Metadata	Download	ngb_NV_C_Other_Conifer_Burn_Prob_30m.lyr	ngb_NV_C_Other_Conifer_Burn_Prob_30m.img
Other Conifer in the NGB	Other Conifer extracted from the Landfire and ReGAP vegetation mapping	Metadata	Download	ngb_NV_C_Other_Conifer_30m.lyr	ngb_NV_C_Other_Conifer_30m.img
Other Conifer Pests (2011 ADS)	Other Conifer Pests and Diseases from the USFS 2011 Aerial detection survey	Metadata	Download	ngb_DIS_C_Other_Conifer_Pests_30m.lyr	ngb_DIS_C_Other_Conifer_Pests_30m.img
Other Conifer Proximity to Disease and Pests (30m)	Other conifer proximity to pests and diseased sites based on USFS Aerial Detection surveys	Metadata	Download	ngb_NV_C_Other_Conifer_Distance_to_Disease_30m.lyr	ngb_NV_C_Other_Conifer_Distance_to_Disease_30m.img
Parks	Parks and Recreation for California and Nevada based on GNIS names database	Metadata	Download	ngb_DV_CA_NV_Recreation_Pt.lyr	ngb_DV_CA_NV_Recreation_Pt
Parks (UT)	Parks and Recreation for Oregon based on state mapping of resources	Metadata	Download	ngb_DV_UT_Recreation_PT.lyr	ngb_DV_UT_Recreation_PT
Parks and Recreation (ID)	Parks and Recreation for Idaho based on state mapping of resources	Metadata	Download	ngb_DV_ID_Recreation_pt.lyr	ngb_DV_ID_Recreation_pt
Parks and Recreation (OR)	recsite_point: This data set includes all recreation features under BLM management in Oregon which are best represented as points such as trailheads, dispersed campsites, and interpretive signs.	Metadata	Download	ngb_DV_OR_Recreation_pt.lyr	ngb_DV_OR_Recreation_pt

[1] Click these links to view metadata for the layer; [2] Click these links to download a data package (.lpk or.zip) containing the layer and data files; [3] The names of layer and data files in the downloaded data package

Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Patch Fragmentation (Summer) (4km Grid)	Habitat fragmentation was assessed by using the core habitat developed for the core habitat patch size analysis for both summer and winter ranges. Each dataset was evaluated by applying the following patch density equation to assess the level of habitat heterogeneity: PD = N/ A, where PD = Patch Density, N = number of unique patches, and A = unit area (100 ha)	Metadata	Download	NGB_TS_C_180697_Mule_Deer_Summ_PatchDens_4km_poly.lyr	NGB_TS_C_180697_Mule_Deer_Summ_PatchDens_4km_poly
Patch Fragmentation (Winter) (4km Grid)	Habitat fragmentation was assessed by using the core habitat developed for the core habitat patch-size analysis for both summer and winter ranges. Each dataset was evaluated by applying the following patch density equation to assess the level of habitat	Metadata	Download	NGB_TS_C_180697_Mule_Deer_Wint_PatchDens_4km_poly.lyr	NGB_TS_C_180697_Mule_Deer_Wint_PatchDens_4km_poly
Patch Size (Summer) (4km Grid)	Habitat patch size was selected as an indicator of spatial distribution (home-range) which has been related to a variety of factors including body size, trophic level, sex and age reproductive status, season availability of forage and water, and intra- and inter-specific competition.	Metadata	Download	NGB_TS_C_180697_Mule_Deer_Summ_PatchSize_4km_poly.lyr	NGB_TS_C_180697_Mule_Deer_Summ_PatchSize_4km_poly
Patch Size (Winter) (4km Grid)	Habitat patch size was selected as an indicator of spatial distribution (home-range) which has been related to a variety of factors including body size, trophic level, sex and age reproductive status, season availability of forage and water, and intra- and inter-specific competition.	Metadata	Download	NGB_TS_C_180697_Mule_Deer_Wint_PatchSize_4km_poly.lyr	NGB_TS_C_180697_Mule_Deer_Wint_PatchSize_4km_poly
Patch Size Score (4km Grid)	Patch Size of modeled pronghorn habitat based on a 4km analysis grid	Metadata	Download	NGB_TS_C_180717_Pronghorn_Patch_Size_4km_poly.lyr	NGB_TS_C_180717_Pronghorn_Patch_Size_4km_poly
Patchsize (4km grid)	Habitat size refers to the size of the habitat patch extracted from the WAFWA dataset and is used to characterize the quality of the analysis unit by determining the size of patches and grading them based on size thresholds (>75 km2 is considered good	Metadata	Download	NGB_TS_C_180711_Bighorn_Sheep_PatchSize_4km_poly.lyr	NGB_TS_C_180711_Bighorn_Sheep_PatchSize_4km_poly
Percent Ag within 2km	The percent of the analysis unit with agricultural area within 2km of Columbia spotted frog modeled habitat. Greater than 6% agriculture was deemed a lower quality habitat.	Metadata	Download	ngb_AS_C_550546_SPFrog_Perc_Agwithin2km_4km_30m.lyr	ngb_AS_C_550546_SPFrog_Perc_Agwithin2km_4km_30m.img
Percent Agriculture	The percent of the analysis unit with agricultural areas. Greater than 60% agriculture was deemed a lower quality habitat.	Metadata	Download	ngb_AS_C_550546_SPFrog_Perc_Ag_4km_30m.lyr	ngb_AS_C_550546_SPFrog_Perc_Ag_4km_30m.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Percent Impervious	The amount of impervious areas within the analysis unit. Greater than 10% impervious was classified as a lower quality habitat.	Metadata	Download	ngb_AS_C_550546_SPFrog_Perc_Imperv_4km_30m.lyr	ngb_AS_C_550546_SPFrog_Perc_Imperv_4km_30m.img
Percent Native Habitat by HUC 12	Amount of undeveloped areas within Riparian Corridor	Metadata	Download	NGB_AE_C_AgDevNatural_in_Riparian_Corridor_poly_Percent_Native_Habitat_by_HUC_12.lyr	NGB_AE_C_AgDevNatural_in_Riparian_Corridor_poly
Percent Native Habitat by HUC 12	Amount of undeveloped areas within Riparian Corridors	Metadata	Download	NGB_AE_C_AgDevNatural_in_Riparian_Corridor_poly_Percent_Native_Habitat_by_HUC12.lyr	NGB_AE_C_AgDevNatural_in_Riparian_Corridor_poly
Percent of Allotment with	Percentage of Western Governors Association Large Intact Blocks (Level 1) within Grazing Allotments	Metadata	Download	ngb_GR_C_LIB1_in_GrazingAllotment_30m.lyr	ngb_GR_C_LIB1_in_GrazingAllotment_30m.img
Percent of Allotment with	Percentage of Western Governors Association Large Intact Blocks (Level 2) within Grazing Allotments	Metadata	Download	ngb_GR_C_LIB2_in_GrazingAllotment_30m.lyr	ngb_GR_C_LIB2_in_GrazingAllotment_30m.img
Percent of Rip Corridor (Natural)	The amount of Natural areas within the analysis unit. Less than 25% natural was classified as a lower quality habitat.	Metadata	Download	ngb_AS_C_550546_SPFrog_Perc_NLCD_Natural_Rip_Cor_4km_30m.lyr	ngb_AS_C_550546_SPFrog_Perc_NLCD_Natural_Rip_Cor_4km_30m.img
Percent of Rip Corridor Impervious	The amount of impervious areas within the riparian corridor by analysis unit. Greater than 10% impervious was classified as a lower quality habitat.	Metadata	Download	ngb_AS_C_550546_SPFrog_Perc_Imperv_Rip_Cor_4km_30m.lyr	ngb_AS_C_550546_SPFrog_Perc_Imperv_Rip_Cor_4km_30m.img
Percent of Streams in 4km Grid listed as 303(d)	Percentage of Streams in the analysis unit that are listed by the EPA as 303(d) for water quality.	Metadata	Download	ngb_AS_C_161068_WSturgeon_Percent_303dStreams_4km_30m.lyr	ngb_AS_C_161068_WSturgeon_Percent_303dStreams_4km_30m.img
Percent of Streams in 4km Grid listed as 303d	Percentage of Streams in the analysis unit that are listed by the EPA as 303(d) for water quality.	Metadata	Download	ngb_AG_C_CWF_Percent_303d_Streams_4km_30m.lyr	ngb_AG_C_CWF_Percent_303d_Streams_4km_30m.img
Percent of Streams in 4km Grid listed as 303d	Percentage of Streams in the analysis unit that are listed by the EPA as 303(d) for water quality.	Metadata	Download	ngb_AS_C_162004_Bull_Trout_Percent_303dStreams_4km_30m.lyr	ngb_AS_C_162004_Bull_Trout_Percent_303dStreams_4km_30m.img
Percent of Streams in HUC12 Grid listed as 303d	Percentage of Streams in the analysis unit that are listed by the EPA as 303(d) for water quality.	Metadata	Download	ngb_AG_C_CWF_Percent_303d_streams_huc12_30m.lyr	ngb_AG_C_CWF_Percent_303d_streams_huc12_30m.img
Percent of Streams in HUC12 listed as 303(d)	Percentage of Streams in the analysis unit that are listed by the EPA as 303(d) for water quality.	Metadata	Download	ngb_AS_C_161068_WSturgeon_Percent_303d_streams_huc12_30m.lyr	ngb_AS_C_161068_WSturgeon_Percent_303d_streams_huc12_30m.img
Percent of Streams in HUC12 listed as 303(d)	Percentage of Streams in the analysis unit that are listed by the EPA as 303(d) for water quality.	Metadata	Download	ngb_AS_C_162004_Bull_Trout_Percent_303d_streams_huc12_30m.lyr	ngb_AS_C_162004_Bull_Trout_Percent_303d_streams_huc12_30m.img
Percent Slope (4km Grid)	Average percent slope within modeled pronghorn habitat based on a 4km grid analysis unit	Metadata	Download	NGB_TS_C_180717_Pronghorn_Slope_4km_poly.lyr	NGB_TS_C_180717_Pronghorn_Slope_4km_poly
Perennial Streams	National Hydrographic Dataset perennial streams	Metadata	Download	ngb_AE_Perennial_Streams_ln.lyr	ngb_AE_Perennial_Streams_ln
Perennial Streams and flow lines (NHD)	NHD Perennial Streams and Flowlines	Metadata	Download	ngb_AE_Peren_Streams_All_NHDPlusFlowLines_30m.lyr	ngb_AE_Peren_Streams_All_NHDPlusFlowLines_30m.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Perennial Streams Cumulative	Cumulation of scoring indicators for perennial streams based on 303(d), aquatic invasives, flow regulated watersheds, groundwater condition and native habitat by HUC 12	Metadata	Download	NGB_AE_C_Perennial_Streams_Cum_Poly.lyr	NGB_AE_C_Perennial_Streams_Cum_Poly
Peterson Cheatgrass Cover	Cheatgrass Cover based on Peterson (2006, 2007)	Metadata	Download	ngb_IV_Peterson_Cheatgrass_Cover_28m.lyr	ngb_IV_Peterson_Cheatgrass_Cover_28m.img
Ponderosa Pine (2030)	Ponderosa Pine using the USFS 2030 viability from their Climate change analysis	Metadata	Download	NGB_NV_N_OC_USFS_CC_Ponderosa_Pine_2030_795m.lyr	NGB_NV_N_OC_USFS_CC_Ponderosa_Pine_2030_795m.img
Ponderosa Pine (2060)	Ponderosa Pine using the USFS 2060 viability from their Climate change analysis	Metadata	Download	NGB_NV_L_OC_USFS_CC_Ponderosa_pine_2060_795m.lyr	NGB_NV_L_OC_USFS_CC_Ponderosa_pine_2060_795m.img
Ponderosa Pine (Current)	Ponderosa Pine using the USFS current viability from their Climate change analysis	Metadata	Download	NGB_NV_C_OC_USFS_CC_Current_Ponderosa_Pine_795m.lyr	NGB_NV_C_OC_USFS_CC_Current_Ponderosa_Pine_795m.img
Precip (Annual)	Mean Total Precipitation for 1980 - 1999 was displayed in millimeters to show the mean total precipitation for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_ANNUAL_80_99_RT_Total_15km.lyr	NGB_CL_C_ANNUAL_80_99_RT_Total_15km.img
Precip (Annual)	Mean Total Precipitation for 2050 - 2069 was displayed in millimeters to show the mean total precipitation for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_ANNUAL_50_69_RT_Total_15km.lyr	NGB_CL_L_ANNUAL_50_69_RT_Total_15km.img
Precip (Jul & Aug)	Mean Total Precipitation for 1980 - 1999 was displayed in millimeters to show the mean total precipitation for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_JLY_AUG_80_99_RT_Total_15km.lyr	NGB_CL_C_JLY_AUG_80_99_RT_Total_15km.img
Precip (Jul & Aug)	Mean Total Precipitation for 2050 - 2069 was displayed in millimeters to show the mean total precipitation for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_JLY_AUG_50_69_RT_Total_15km.lyr	NGB_CL_L_JLY_AUG_50_69_RT_Total_15km.img
Precip (June)	Mean Total Precipitation for 1980 - 1999 was displayed in millimeters to show the mean total precipitation for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_JUN_80_99_RT_Total_15km.lyr	NGB_CL_C_JUN_80_99_RT_Total_15km.img
Precip (June)	Mean Total Precipitation for 2050 - 2069 was displayed in millimeters to show the mean total precipitation for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_JUN_50_69_RT_Total_15km.lyr	NGB_CL_L_JUN_50_69_RT_Total_15km.img
Precip (March to May)	Mean Total Precipitation for 1980 - 1999 was displayed in millimeters to show the mean total precipitation for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_MAR_MAY_80_99_RT_Total_15km.lyr	NGB_CL_C_MAR_MAY_80_99_RT_Total_15km.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Precip (March to May)	Mean Total Precipitation for 2050 - 2069 was displayed in millimeters to show the mean total precipitation for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_MAR_MAY_50_69_RT_Total_15km.lyr	NGB_CL_L_MAR_MAY_50_69_RT_Total_15km.img
Precip (Nov to Feb)	Total Precipitation from Nov to Feb 1980-1999 in mm.	Metadata	Download	NGB_CL_C_NOV_FEB_80_99_RT_Total_15km.lyr	NGB_CL_C_NOV_FEB_80_99_RT_Total_15km.img
Precip (Nov to Feb)	Mean Total Precipitation for 2050 - 2069 was displayed in millimeters to show the mean total precipitation for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_NOV_FEB_50_69_RT_Total_15km.lyr	NGB_CL_L_NOV_FEB_50_69_RT_Total_15km.img
Precip (Sep & Oct)	Mean Total Precipitation for 1980 - 1999 was displayed in millimeters to show the mean total precipitation for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_SEP_OCT_80_99_RT_Total_15km.lyr	NGB_CL_C_SEP_OCT_80_99_RT_Total_15km.img
Precip (Sep & Oct)	Mean Total Precipitation for 2050 - 2069 was displayed in millimeters to show the mean total precipitation for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_SEP_OCT_50_69_RT_Total_15km.lyr	NGB_CL_L_SEP_OCT_50_69_RT_Total_15km.img
Present and Dominant (Bradley and Mustard)	Present and Dominant Cheatgrass (Bradley and Mustard 2005)	Metadata	Download	ngb_IV_Bradley_Cheatgrass_Present_Dominant_1km.lyr	ngb_IV_Bradley_Cheatgrass_1km.img
Prey Base Condition (4 km Grid)	Prey base condition data were extracted from the EPA 303d listing and analyzed to determine the prey base quality within Bald eagle potential suitable habitat. The quality of a HUC in relation to distance to agricultural areas was defined as good (3), fair (2), or poor(1).	Metadata	Download	NGB_TS_C_175420_BE_Prey_Condition_Summer_4km_30m.lyr	NGB_TS_C_175420_BE_Prey_Condition_Summer_4km_30m.img
Prey Base Condition (4 km Grid)	Prey base condition data were extracted from the EPA 303d listing and analyzed to determine the prey base quality within Bald eagle potential suitable habitat. The quality of a HUC in relation to distance to agricultural areas was defined as good (3), fair (2), or poor(1).	Metadata	Download	NGB_TS_C_175420_BE_Prey_Condition_Winter_4km_30m.lyr	NGB_TS_C_175420_BE_Prey_Condition_Winter_4km_30m.img
Primary Roads	TIGER Roads for each county in the ecoregion for 2010 clipped to the ecoregion and filtered to show only the two highest classifications (primary roads)	Metadata	Download	ngb_DV_Tiger_Roads_Primary_ln.lyr	ngb_DV_Tiger_Roads_Primary_ln
PRISM 4km Grid (Raster)	The PRISM 4km grid that was converted to a raster (30m pixel size).	Metadata	Download	ngb_Boundary_4kmGrid_30m.lyr	ngb_Boundary_4kmGrid_30m.img
PRISM 4km Grid (Vector)	The PRISM 4km grid.	Metadata	Download	NGB_Boundary_4kmgrid_poly.lyr	ngb_Boundary_4kmgrid_poly

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
PRISM Precipitation (Nov - March) 1980 - 2010	This data set contains spatially gridded average monthly and annual precipitation for the climatological period 1981-2010. Distribution of the point measurements to a spatial grid was accomplished using the PRISM model, developed and applied	Metadata	Download	ngb_CL_C_PRISM_PPT_Nov_Mar_1980_2010cm_800m.lyr	ngb_CL_C_PRISM_PPT_Nov_Mar_1980_2010cm_800m.img
PRISM Temperature (Jan - March) 1980 - 2010	This data set contains spatially gridded average monthly and annual maximum temperature for the climatological period 1981-2010. Distribution of the point measurements to a spatial grid was accomplished using the PRISM model, developed and applied	Metadata	Download	ngb_CL_C_PRISM_TMAX_Jan_Mar_1980_2010cm_800m.lyr	ngb_CL_C_PRISM_TMAX_Jan_Mar_1980_2010cm_800m.img
PRISM Temperature (Jan - March) 1980 - 2010 (increased by 3 degrees C)	Modeled future winter temperature based on PRISM (Jan-March) increased 3 degrees C	Metadata	Download	ngb_CL_L_PRISM_TMAX_Jan_Mar_1980_2010cm_800m.lyr	ngb_CL_L_PRISM_TMAX_Jan_Mar_1980_2010cm_800m.img
PRISM Temperature (July) 1980 - 2010	This data set contains spatially gridded average monthly and annual maximum temperature for the climatological period 1981-2010. Distribution of the point measurements to a spatial grid was accomplished using the PRISM model, developed and applied	Metadata	Download	ngb_CL_C_PRISM_TMax_july_1980_2010_800m.lyr	ngb_CL_C_PRISM_TMax_july_1980_2010_800m.img
PRISM Temperature (July) 1980 - 2010 (increased by 3 degrees C)	PRISM July temperature increased 3 degrees C to model a future temperature increase.	Metadata	Download	ngb_CL_L_PRISM_TMax_july_1980_2010_800m.lyr	ngb_CL_L_PRISM_TMax_july_1980_2010_800m.img
Pronghorn Habitat (CA)	California Pronghorn Habitat	Metadata	Download	NGB_TS_180717_Pronghorn_CA_Habitat_poly.lyr	NGB_TS_180717_Pronghorn_CA_Habitat_poly
Pronghorn Habitat (ID)	Idaho Pronghorn Habitat	Metadata	Download	NGB_TS_180717_Pronghorn_ID_Habitat_poly.lyr	NGB_TS_180717_Pronghorn_ID_Habitat_poly
Pronghorn Habitat (NV)	Nevada Pronghorn Habitat	Metadata	Download	NGB_TS_180717_Pronghorn_NV_Habitat_poly.lyr	NGB_TS_180717_Pronghorn_NV_Habitat_poly
Proportion of Native Habitat (4km Grid)	Modeled pronghorn habitat based on vegetation, road density and barriers	Metadata	Download	NGB_TS_C_180717_Pronghorn_NativeHabitat_4km_poly.lyr	NGB_TS_C_180717_Pronghorn_NativeHabitat_4km_poly
Proportion of Native Land	This data set is a complete digital hydrologic unit boundary layer to the Sub-watershed (12-digit) 6th level for the entire United States. This data set consists of geo-referenced digital data and associated attributes	Metadata	Download	ngb_DV_C_undeveloped_land_poly.lyr	ngb_DV_C_undeveloped_land_poly
Protected Areas (GAP Status 1 & 2) from PADS	GAP Status 1 and 2 areas from the Protected Areas Database	Metadata	Download	ngb_DV_C_PADS_GAP_Status_1_2_30m.lyr	ngb_DV_C_PADS_GAP_Status_1_2_30m.img

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Protected Areas from Protected Areas Database	The Protected Areas Database of the United States (PAD-US) is a geodatabase that illustrates and describes public land ownership, management and conservation lands nationally, including voluntarily provided privately protected areas.	Metadata	Download	ngb_DV_REC_Protected_Areas_poly.lyr	ngb_DV_REC_Protected_Areas_poly
Protected Ponds and Wetlands	The amount of the analysis unit containing GAP status 1 or 2 protected areas. Greater that 60% was classified as good habitat indicator.	Metadata	Download	ngb_AS_C_550546_SPFrog_in_ProtArea_4km_30m.lyr	ngb_AS_C_550546_SPFrog_in_ProtArea_4km_30m.img
Proximity to Agriculture	The distance to agriculture is calculated for bald eagle summer habitat and the mean is determined using a 4km analysis unit. Areas that average less than 1km are classified as lower quality habitats.	Metadata	Download	NGB_TS_C_175420_BE_Agriculture_Summer_4km_30m.lyr	NGB_TS_C_175420_BE_Agriculture_Summer_4km_30m.img
Proximity to Agriculture	The distance to agriculture is calculated for bald eagle winter habitat and the mean is determined using a 4km analysis unit. Areas that average less than 1km are classified as lower quality habitats.	Metadata	Download	NGB_TS_C_175420_BE_Agriculture_Winter_4km_30m.lyr	NGB_TS_C_175420_BE_Agriculture_Winter_4km_30m.img
Proximity to Forested Areas	Nest site and perch locations were derived from the NLCD (all forested cover types) were analyzed to determine the distance from Bald eagle potential suitable habitat.	Metadata	Download	NGB_TS_C_175420_BE_Forage_Perch_Summer_4km_30m.lyr	NGB_TS_C_175420_BE_Forage_Perch_Summer_4km_30m.img
Proximity to Forested Areas	Night roost availability was derived from the NLCD (coniferous forested cover types) were analyzed to determine the distance from Bald eagle potential suitable habitat.	Metadata	Download	NGB_TS_C_175420_BE_Forage_Perch_Winter_4km_30m.lyr	NGB_TS_C_175420_BE_Forage_Perch_Winter_4km_30m.img
Proximity to NWR (4km Grid)	Waterfowl (prey species) habitat availability was derived from the NWR dataset to characterize the potential quality Bald eagle potential suitable habitat. The quality of a HUC in relation to waterfowl availability was defined as good (3), fair (2), or poor(1).	Metadata	Download	NGB_TS_C_175420_BE_NWR_Winter_4km_30m.lyr	NGB_TS_C_175420_BE_NWR_Winter_4km_30m.img
Proximity to Urban Areas	The distance to urban areas calculated for golden eagle and the mean is determined using a 4km analysis unit. Areas that average less than 6km are classified as lower quality habitats.	Metadata	Download	NGB_TS_C_175407_GE_Distance_to_Urban_4km_30m.lyr	NGB_TS_C_175407_GE_Distance_to_Urban_4km_30m.img
Proximity to Urban Areas	The distance to urban areas calculated for bald eagle summer habitat and the mean is determined using a 4km analysis unit. Areas that average less than 6km are classified as lower quality habitats.	Metadata	Download	NGB_TS_C_175420_BE_Distance_to_Urban_Summer_4km_30m.lyr	NGB_TS_C_175420_BE_Distance_to_Urban_Summer_4km_30m.img

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Proximity to Urban Areas	The distance to urban areas calculated for bald eagle winter habitat and the mean is determined using a 4km analysis unit. Areas that average less than 6km are classified as lower quality habitats.	Metadata	Download	NGB_TS_C_175420_BE_Distance_to_Urban_Winter_4km_30m.lyr	NGB_TS_C_175420_BE_Distance_to_Urban_Winter_4km_30m.img
Proximity to Wind Turbines	The distance to wind turbines is calculated for golden eagle and the mean is determined using a 4km analysis unit. Areas that average less than 10km are classified as lower quality habitats.	Metadata	Download	NGB_TS_C_175407_GE_Distance_to_Wind_4km_30m.lyr	NGB_TS_C_175407_GE_Distance_to_Wind_4km_30m.img
Pygmy Rabbit Habitat Present in 4km Grid	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	ngb_TS_C_552521_PRabbit_Habitat_in_4kmGrid_30m.lyr	ngb_TS_C_552521_PRabbit_Habitat_in_4kmGrid_30m.img
Pygmy Rabbit Habitat Present in HUC 12	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	ngb_TS_C_552521_PRabbit_Habitat_in_HUC12_30m.lyr	ngb_TS_C_552521_PRabbit_Habitat_in_HUC12_30m.img
Pygmy Rabbit Modeled Suitable Habitat	Modeled Pygmy rabbit habitat based on methodology from Rachlow and Svancara.	Metadata	Download	ngb_TS_C_552521_PR_Distribution_30m.lyr	ngb_TS_C_552521_PR_Distribution_30m.img
Pygmy Rabbit Suitable Habitat (recent fires removed)	This layer pulls out only suitable habitat matching all the criteria and is used in spatial analysis operations.	Metadata	Download	ngb_TS_C_552521_PR_Priority_habitat_30m.lyr	ngb_TS_C_552521_PR_Priority_habitat_30m.img
Railroads (Line)	Railroads in the ecoregion	Metadata	Download	ngb_DV_Railroads_ln.lyr	ngb_DV_Railroads_ln
Railroads (Raster)	The TIGER/Line Files are shapefiles and related database files (.dbf) that 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	Metadata	Download	ngb_DV_C_Railroads_30m.lyr	ngb_DV_C_Railroads_30m.img
Rainfall Erosivity (R)	Rainfall Erosivity within the NGB used in the RUSLE equation	Metadata	Download	NGB_TES_Soil_Rainfall Erosivity_30m.lyr	NGB_TES_Soil_Rainfall Erosivity_30m.img
RBT Lakes	Lakes identified containing redband trout in the range-wide assessment.	Metadata	Download	ngb_AS_C_161989_RBT_2012_lakes_poly.lyr	ngb_AS_C_161989_RBT_2012_lakes_poly
RBT Modeled Future Suitable Temperature Range (4km)	Redband trout mean July max air temperature based on future increased temperature of 3 degrees C using the 4km analysis unit.	Metadata	Download	ngb_AS_L_161989_RBT_July_PRISM_TMAX_4km_30m.lyr	ngb_AS_L_161989_RBT_July_PRISM_TMAX_4km_30m.img
RBT Modeled Future Suitable Temperature Range (HUC12)	Redband trout mean July max air temperature based on future increased temperature of 3 degrees C using the HUC12 analysis unit.	Metadata	Download	ngb_AS_L_161989_RBT_July_PRISM_TMAX_HUC12_30m.lyr	ngb_AS_L_161989_RBT_July_PRISM_TMAX_HUC12_30m.img
Recent Groundwater Levels as a Percentile	Average change in Groundwater elevation based on USGS monitoring wells	Metadata	Download	ngb_AE_Groundwater_USGS_wells_2012_10_02_pt.lyr	ngb_AE_Groundwater_USGS_wells_2012_10_02_pt

[1] Click these links to view metadata for the layer; [2] Click these links to download a data package (.lpk or.zip) containing the layer and data files; [3] The names of layer and data files in the downloaded data package

Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Recent GW Levels (Percentile)	Recent groundwater monitoring wells by the USGS with their current status as a percent of normal condition	Metadata	Download	ngb_AE_Groundwater_USGS_wells_2012_10_02_pt_Recent GW Levels_Percentile.lyr	ngb_AE_Groundwater_USGS_wells_2012_10_02_pt
Redband Trout	Streams identified containing redband trout in the range-wide assessment.	Metadata	Download	ngb_AS_C_161989_RBT_2012_streams_ln.lyr	ngb_AS_C_161989_RBT_2012_streams_ln
Redband Trout Current Temperature Range in the NGB	Redband trout mean July max air temperature based on PRISM 1980-2010 normals.	Metadata	Download	ngb_AS_C_161989_RBT_July_PRISM_TMAX_30m.lyr	ngb_AS_C_161989_RBT_July_PRISM_TMAX_30m.img
Redband Trout in the NGB (raster)	Lakes and streams identified containing redband trout in the range-wide assessment were converted to a raster.	Metadata	Download	ngb_AS_C_161989_RedbandTrout_30m.lyr	ngb_AS_C_161989_RedbandTrout_30m.img
REGAP NW Idaho	NW ReGAP data was provided by BLM for use in the NGB REA	Metadata	Download	ngb_NWREGAP_ID_30m.lyr	ngb_NWREGAP_ID_30m.img
REGAP NW Montana	NW ReGAP data was provided by BLM for use in the NGB REA	Metadata	Download	ngb_NWREGAP_MT_30m.lyr	ngb_NWREGAP_MT_30m.img
REGAP NW Oregon	NW ReGAP data was provided by BLM for use in the NGB REA	Metadata	Download	ngb_NWREGAP_OR_30m.lyr	ngb_NWREGAP_OR_30m.img
REGAP NW Wyoming	Vegetation classification for Wyoming based on Northwest ReGAP	Metadata	Download	ngb_NWREGAP_WY_30m.lyr	ngb_NWREGAP_WY_30m.img
REGAP SW Nevada	SW ReGAP data was provided by BLM for use in the NGB REA	Metadata	Download	ngb_SWREGAP_NV_30m.lyr	ngb_SWREGAP_NV_30m.img
REGAP SW Utah	SW ReGAP data was provided by BLM for use in the NGB REA	Metadata	Download	ngb_SWREGAP_UT_30m.lyr	ngb_SWREGAP_UT_30m.img
Riparian Corridor Development	Amount of developed areas within Riparian Corridors	Metadata	Download	NGB_AE_C_AgDevNatural_in_Riparian_Corridor_poly_Riparian_Corridor_Development.lyr	NGB_AE_C_AgDevNatural_in_Riparian_Corridor_poly
Riparian Vegetation extracted from Landfire and ReGAP	Riparian vegetation communities extracted from landfire and ReGAP state vegetation mapping	Metadata	Download	ngb_AE_C_Riparian_Vegetation_30m.lyr	ngb_AE_C_Riparian_Vegetation_30m.img
Road Density (4km Grid)	The road density (km/km2) is calculated for golden eagle and the mean is determined using a 4km analysis unit. Areas that average greater than 10km/km2 are classified as lower quality habitats.	Metadata	Download	NGB_TS_C_175407_GE_Road_Density_4km_30m.lyr	NGB_TS_C_175407_GE_Road_Density_4km_30m.img
Road Density (4km Grid)	Road densities derived from the TIGER data were analyzed to determine the relationship between road density and Bald eagle potential suitable habitat. The quality of a HUC in relation to road density was defined as good (3), fair (2), or poor (1)	Metadata	Download	NGB_TS_C_175420_BE_Road_Density_Summer_4km_30m.lyr	NGB_TS_C_175420_BE_Road_Density_Summer_4km_30m.img
Road Density (km/km2) (4km Grid)	Road Density of TIGER Roads within modeled pronghorn habitat based on a 4km grid analysis unit	Metadata	Download	NGB_TS_C_180717_Pronghorn_Road_Density_4km_poly.lyr	NGB_TS_C_180717_Pronghorn_Road_Density_4km_poly

[1] Click these links to view metadata for the layer; [2] Click these links to download a data package (.lpk or.zip) containing the layer and data files; [3] The names of layer and data files in the downloaded data package

Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Road Density (miles/640ac) Summer	Road features were identified using TIGER line data and those features mapped as freeways, secondary roads and local roads were selected. A moving window analysis was applied, which used a window area of 640 acres to determine the miles of road per 640 acres	Metadata	Download	NGB_TS_C_180697_Mule_Deer_Summ_Road_Dens_4km_poly.lyr	NGB_TS_C_180697_Mule_Deer_Summ_Road_Dens_4km_poly
Road Density (miles/640ac) Winter	Road features were identified using TIGER line data and those features mapped as freeways, secondary roads and local roads were selected. A moving window analysis was applied, which used a window area of 640 acres to determine the miles of road per 640 acres	Metadata	Download	NGB_TS_C_180697_Mule_Deer_Wint_Road_Dens_4km_poly.lyr	NGB_TS_C_180697_Mule_Deer_Wint_Road_Dens_4km_poly
Road Density near Bald Eagle suitable habitat (GAP) (Winter)	Density of TIGER roads within bald eagle GAP winter suitable habitat	Metadata	Download	NGB_TS_C_175420_BE_Road_Density_Winter_4km_30m.lyr	NGB_TS_C_175420_BE_Road_Density_Winter_4km_30m.img
Rocky Mountain Aspen	Rocky Mountain Aspen Distribution based on Landfire and ReGAP within the ecoregion	Metadata	Download	ngb_NV_C_Aspen_RockyMountainAspenonly_30m.lyr	ngb_NV_C_Aspen_RockyMountainAspenonly_30m.img
Ruby Pipeline for Nevada (Line)	Ruby Pipeline for Nevada as a line	Metadata	Download	ngb_DV_Ruby_Pipeline_NV_only_ln.lyr	ngb_DV_Ruby_Pipeline_NV_only_ln
Ruby Pipeline for Nevada (Raster)	The Ruby pipeline was converted to a raster to be used in conjunction with other development layers (distance to development).	Metadata	Download	ngb_DV_C_Ruby_pipeline_NV_Only_30m.lyr	ngb_DV_C_Ruby_pipeline_NV_Only_30m.img
Sage Map Western Fire Perimeter (1870 - 2007)	GeoMAC fire perimeters used in a process model only.	Metadata	Download	NGB_FI_Sagemap_WesternFires_1870_2007_poly.lyr	NGB_FI_Sagemap_WesternFires_1870_2007_poly
Sagebrush Burn Probability (30m)	Sagebrush burn probability used in intactness calculation, no zonal statistics done by 4km	Metadata	Download	ngb_NV_C_Sagebrush_Burn_Probability_30m.lyr	ngb_NV_C_Sagebrush_Burn_Probability_30m.img
Sagebrush Cover in GSG	Agricultural areas were extracted from state vegetation mapping and their location was compared to location of identified breeding bird density (75%) areas. Breeding bird density areas were mapped by Doherty et al. 2010. > 65% sagebrush cover = good	Metadata	Download	ngb_TS_C_175855_GSG_BBD_SagebrushCover_30m.lyr	ngb_TS_C_175855_GSG_BBD_SagebrushCover_30m.img
Sagebrush Cumulative Indicator Score	Mean score based on burn probability and distance to development	Metadata	Download	ngb_NV_C_Sagebrush_Cumulative_4km_30m.lyr	ngb_NV_C_Sagebrush_Cumulative_4km_30m.img
Sagebrush Distance to Development (30m)	Sagebrush distance to development used in intactness calculation, no zonal statistics done by 4km	Metadata	Download	ngb_NV_C_Sagebrush_Distance_to_Development_30m.lyr	ngb_NV_C_Sagebrush_Distance_to_Development_30m.img
Sagebrush in the NGB	Sagebrush extracted from the Landfire and ReGAP vegetation mapping	Metadata	Download	ngb_NV_C_Sagebrush_30m.lyr	ngb_NV_C_Sagebrush_30m.img
Salt Desert Shrub	Salt Desert Shrub extracted from the Landfire and ReGAP vegetation mapping	Metadata	Download	ngb_NV_C_Salt_desert_Shrub_30m.lyr	ngb_NV_C_Salt_desert_Shrub_30m.img

[1] Click these links to view metadata for the layer; [2] Click these links to download a data package (.lpk or.zip) containing the layer and data files; [3] The names of layer and data files in the downloaded data package

Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Salt Desert Shrub Burn Probability (30m)	The FSim data represents burn probability with values ranging from 0 - 3. Unburnable areas are listed as 0, low burn probability as 1, moderate burn probability as 2 and high burn probability as 3. The resulting majority values are then run	Metadata	Download	ngb_NV_C_SDS_Burn_Probability_30m.lyr	ngb_NV_C_SDS_Burn_Probability_30m.img
Salt Desert Shrub Cumulative	Mean score based on burn probability and distance to development	Metadata	Download	ngb_NV_C_SDS_Intact_4km_30m.lyr	ngb_NV_C_SDS_Intact_4km_30m.img
Salt Desert Shrub Distance to Development (30m)	The distance to development was calculated using the SDS_vs_Development model builder process. Development features included roads, railroads, land treatments, ski resorts, mines, developed areas, agricultural areas, etc.	Metadata	Download	ngb_NV_C_SDS_Distance_to_Development_30m.lyr	ngb_NV_C_SDS_Distance_to_Development_30m.img
Scott and Burgan 40 Fuel Model	Scott and Burgan 40 Fuel Model was used and symbolized as it was received from Landfire.	Metadata	Download	ngb_FI_Scott_Bargan_Fuel_model_40_30m.lyr	ngb_FI_Scott_Bargan_Fuel_model_40_30m.img
Ski Resorts	Ski Resorts within the ecoregion based on Google Maps and web search of active resorts.	Metadata	Download	ngb_DV_Ski_Resorts_pt.lyr	ngb_DV_Ski_Resorts_pt
Ski Resorts (Polygon)	Ski Resorts as a polygon attempting to cover their extent	Metadata	Download	ngb_DV_Ski_Resorts_Buffer_poly.lyr	ngb_DV_Ski_Resorts_Buffer_poly
Ski Resorts (Raster)	Ski areas were located using aerial imagery, ESRI basemap data (recreation areas), and Google Earth search. The locations were buffered to try encapsulate the area of development of the ski areas. The resulting polygons were converted to a raster	Metadata	Download	ngb_DV_C_ski_areas_30m.lyr	ngb_DV_C_ski_areas_30m.img
SMA Land Ownership	BLM Surface Mgmt. Agency	Metadata	Download	BLM_SMA.lyr	ngb_DV_SMA_LandOwnership_poly
SMA Land Ownership	BLM Surface Mgmt. Agency	Metadata	Download	ngb_DV_SMA_LandOwnership_poly.lyr	ngb_DV_SMA_LandOwnership_poly
Snake River Reaches	Length of reaches between major dams on the Snake River within white sturgeon habitat.	Metadata	Download	ngb_DV_Reaches_Between_Dams_ln.lyr	ngb_DV_Reaches_Between_Dams_ln
Snap Grid (30m)	30m Snap Grid used for defining the extent of spatial operations	Metadata	Download	NGB_Snap_grid_30m.lyr	NGB_Snap_grid_30m.img
Snow Depth (March) (4km Grid)	Average snow depth within modeled pronghorn habitat based on a 4km grid analysis unit	Metadata	Download	NGB_TS_C_180717_Pronghorn_SnowDepth_4km_poly.lyr	NGB_TS_C_180717_Pronghorn_SnowDepth_4km_poly
Soil Erodibility (K)	K factor used in Soil Erodibility equation	Metadata	Download	NGB_TES_Soil_SSURGO_STATSGO_30m_Soil_Erodibility_K.lyr	NGB_TES_Soil_SSURGO_STATSGO_30m.img

[1] Click these links to view metadata for the layer; [2] Click these links to download a data package (.lpk or.zip) containing the layer and data files; [3] The names of layer and data files in the downloaded data package

Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Soil Erosion Wind C Factor	The shapefile æuscvals-aea.shpÆ was re-projected to match the 30 m snap grid. Topo to Raster was used to convert the C factor to a raster. There was no metadata provided for this shapefile. Background on the wind erosion equation can be found	Metadata	Download	ngb_TES_Soil_Wind_CFactor_30m.lyr	ngb_TES_Soil_Wind_CFactor_30m.img
Solar Facilities	Solar Energy Sites in the ecoregion based upon rnp.org website (limited to Oregon and Idaho) that are permitting, operating or in development and may be operational by 2025	Metadata	Download	ngb_DV_Alt_Energy_rnp_org_Solar_Operating_pt.lyr	ngb_DV_Alt_Energy_rnp_org_pt
Solar Sites	Solar Energy Sites in the ecoregion based upon rnp.org website (limited to Oregon and Idaho)	Metadata	Download	ngb_DV_Alt_Energy_rnp_org_solar_pt.lyr	ngb_DV_Alt_Energy_rnp_org_pt
Spring Snails	Spring snail locations within the ecoregion provided by the Smithsonian	Metadata	Download	ngb_AE_Spring_Snails_pt.lyr	ngb_AE_Spring_Snails_pt
Spring/Seep	Springs and seeps within the ecoregion based on NHD dataset.	Metadata	Download	ngb_AE_NHD_pt.lyr	ngb_AE_NHD_pt
SSURGO Soils (Raster)	SSURGO soils was modified for the ecoregion by supplementing gaps in the SSURGO coverage with STATSGO data. This layer was then converted to a raster to make the layer more manageable with spatial modeling. Recently, NRCS has released a new SSURGO layers	Metadata	Download	NGB_TES_Soil_SSURGO_STATSGO_30m.lyr	NGB_TES_Soil_SSURGO_STATSGO_30m.img
SSURGO Soils (Raster)	SSURGO soils was modified for the ecoregion by supplementing gaps in the SSURGO coverage with STATSGO data. This layer was then converted to a raster to make the layer more manageable with spatial modeling. Recently, NRCS has released a new SSURGO layers	Metadata	Download	NGB_TES_Soil_SSURGO_STATSGO_30m_noName.lyr	NGB_TES_Soil_SSURGO_STATSGO_30m.img
SSURGO Soils (Raster)	Soil Mapping Locations with Non Erodible Soils	Metadata	Download	NGB_TES_Soil_SSURGO_STATSGO_30m_noName_mask.lyr	NGB_TES_Soil_SSURGO_STATSGO_30m.img
State Boundaries	The REA state boundaries were shown on all the maps to give the reader spatial context	Metadata	Download	NGB_State_ESRI_poly.lyr	NGB_State_ESRI_poly
State Boundaries (Lower 48)	U.S. States represents the 50 states, the District of Columbia, and Puerto Rico of the United States. The lower 48 state boundaries was used on one map that showed a nation wide extent.	Metadata	Download	NGB_State_ESRI_Lower48_poly.lyr	NGB_State_ESRI_Lower48_poly
State of California clipped to the ecoregion (ESRI Dataset)	This dataset was used in the Northern Great Basin Rapid Ecoregional Assessment by BLM. No changes were made to the data but the dataset selected California and clipped to the ecoregion boundary.	Metadata	Download	NGB_CA_State_ESRI_Clip2REA_poly.lyr	ngb_CA_State_ESRI_Clip2REA_poly

[1] Click these links to view metadata for the layer; [2] Click these links to download a data package (.lpk or.zip) containing the layer and data files; [3] The names of layer and data files in the downloaded data package

Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
State of Nevada from ESRI state dataset	This data layer was only used in a process model.	Metadata	Download	NGB_State_justNV_ESRI_poly.lyr	ngb_State_justNV_ESRI_poly
State Park	The Protected Areas Database of the United States (PAD-US) is a geodatabase that illustrates and describes public land ownership, management and conservation lands nationally, including voluntarily provided privately protected areas.	Metadata	Download	ngb_PL_State_Parks_poly.lyr	ngb_PL_State_Parks_poly
STATSGO Data	Locations within in the NGB where SSURGO soils mapping wasn't available and only STATSGO soil mapping was available	Metadata	Download	NGB_SS_STATSGO_Coverage_Only_poly.lyr	NGB_SS_STATSGO_Coverage_Only_poly
Steepness (S)	Calculated steepness based on the Revised Universal Soil Loss Equation	Metadata	Download	ngb_TES_C_Soil_Steepness_30m_mask.lyr	ngb_TES_C_Soil_Steepness_30m.img
Steepness (S)	Calculated steepness based on the Revised Universal Soil Loss Equation	Metadata	Download	ngb_TES_C_Soil_Steepness_30m_purple.lyr	ngb_TES_C_Soil_Steepness_30m.img
Sudden Aspen Decline (2011 ADS)	Sudden Aspen Decline from the USFS 2011 Aerial detection survey	Metadata	Download	ngb_DIS_C_Sudden_Aspen_Decline_30m.lyr	ngb_DIS_C_Sudden_Aspen_Decline_30m.img
Surface Water USE	Surface water use based on 2005 county level estimates and land use	Metadata	Download	ngb_AE_C_Surface_water_withdrawl_poly.lyr	ngb_AE_C_Surface_water_withdrawl_poly
SWE (April)	Mean Total Snow Water Equivalent for 1980 - 1999 was displayed in millimeters to show the mean total Snow Water Equivalent for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_NCEP_80_99_SWE_APR_15km.lyr	NGB_CL_C_NCEP_80_99_SWE_APR_15km.img
SWE (April)	Mean Total Snow Water Equivalent for 2050 - 2069 was displayed in millimeters to show the mean total Snow Water Equivalent precipitation for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_NCEP_50_69_SWE_APR_15km.lyr	NGB_CL_L_NCEP_50_69_SWE_APR_15km.img
SWE (March)	Mean Total Snow Water Equivalent for 1980 - 1999 was displayed in millimeters to show the mean total Snow Water Equivalent for this two decade period (Current Climate).	Metadata	Download	NGB_CL_C_NCEP_80_99_SWE_MAR_15km.lyr	NGB_CL_C_NCEP_80_99_SWE_MAR_15km.img
SWE (March)	Mean Total Snow Water Equivalent for 2050 - 2069 was displayed in millimeters to show the mean total Snow Water Equivalent precipitation for this two decade period (Future Climate).	Metadata	Download	NGB_CL_L_NCEP_50_69_SWE_MAR_15km.lyr	NGB_CL_L_NCEP_50_69_SWE_MAR_15km.img
TIGER 4WD or Private (Ranch, Logging, etc.) Road	TIGER Roads for each county in the ecoregion for 2010 clipped to the ecoregion	Metadata	Download	ngb_DV_Tiger_Roads_OHV_ln.lyr	ngb_DV_Tiger_Roads_ln
TIGER Roads (Raster)	The TIGER/Line Files are shapefiles and related database files (.dbf) that 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	Metadata	Download	ngb_DV_C_Tiger_Roads_All_30m.lyr	ngb_DV_C_Tiger_Roads_All_30m.img

[1] Click these links to view metadata for the layer; [2] Click these links to download a data package (.lpk or.zip) containing the layer and data files; [3] The names of layer and data files in the downloaded data package

Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Towers (Cell, AM/FM, etc.)	Communication Towers (Cellular, AM/FM, TV, etc.) from the FCC	Metadata	Download	ngb_DV_Comm_Towers_pt.lyr	ngb_DV_Comm_Towers_pt
Toxic Release Inventory Sites	Number of EPA Toxic Release Inventory sites within the analysis unit.	Metadata	Download	ngb_AS_C_550546_SPFrog_Tri_Sites_4km_30m.lyr	ngb_AS_C_550546_SPFrog_Tri_Sites_4km_30m.img
Transmission Lines	Transmission Lines from Argonne National Laboratory (Section 368)	Metadata	Download	ngb_DV_Transmission_Lines_ln.lyr	ngb_DV_Transmission_Lines_ln
Transmission Lines (Raster)	The Transmission Lines layer is a comprehensive layer consisting of market significant transmission lines in North America. Depicted lines are generally greater than 115 kV and tie major power plants to the electrical grid.	Metadata	Download	ngb_DV_C_TransmissonLines_30m.lyr	ngb_DV_C_TransmissonLines_30m.img
Undeveloped Land in Riparian Corridor	Amount of undeveloped areas within Riparian Corridors	Metadata	Download	NGB_AE_C_AgDevNatural_in_Riparian_Corridor_poly_Undeveloped_Land_in_Riparian_Corridor.lyr	NGB_AE_C_AgDevNatural_in_Riparian_Corridor_poly
Urban Areas	Urban areas were shown on a map where they were used in an analysis of distance from urban areas. Only urban areas with a population over 20k were included.	Metadata	Download	NGB_UrbanAreas_GT_20k_ESRI_poly.lyr	ngb_UrbanAreas_GT_20k_ESRI_poly
Urban Development	Urban from Landfire VCC colored Grey for a layer	Metadata	Download	ngb_Landfire_VCC_30m_Urban_Development.lyr	ngb_Landfire_VCC_30m.img
Urban Development	Mask of Urban from Landfire VCC dataset	Metadata	Download	ngb_Landfire_VCC_30m_Urban_Development_Mask.lyr	ngb_Landfire_VCC_30m.img
Urban/Developed Areas (from Imagery)	Urban Areas extracted from ReGAP NW/SW and LANDFIRE and mosaicked into one raster layer (30m)	Metadata	Download	ngb_DV_C_urban_from_imagery_30m.lyr	ngb_DV_C_urban_from_imagery_30m.img
USFS Aerial Disease Survey (2011)	This is part of a 3-tiered dataset consisting ofIDS_shapes: footprint polygon featuresIDS_attrib: attribute descriptions of polygonsIDS_rollup: lookup information for features that are summarized as a group (rollup)This dataset is a compilation of forest	Metadata	Download	ngb_DIS_Aerial_Disease_Surveys_2011_poly.lyr	ngb_DIS_Aerial_Disease_Surveys_2011_poly
USFS Grazing Allotments	USFS Grazing Allotments provided by USFS (colored Green for one figure)	Metadata	Download	ngb_DV_USFS_Grazing_Allotments_Green_Poly.lyr	ngb_DV_USFS_Grazing_Allotments_Poly
USFS Recreation Sites	USFS Recreation sites for National Forests in the ecoregion (where data was available).	Metadata	Download	ngb_DV_USFS_Recreation_Sites_pt.lyr	ngb_DV_USFS_Recreation_Sites_pt
USGS Active Stream Gages	Selected USGS stream gages highlighted for study for the Perennial Stream conservation element	Metadata	Download	ngb_AE_USGS_Active_Stream_Gage_pt.lyr	ngb_AE_USGS_Active_Stream_Gage_pt
USGS MRDS Minerals Resource Areas (Raster)	Mineral resource occurrence data covering the world, most thoroughly within the U.S. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator	Metadata	Download	ngb_DV_C_Mining_MRDS_Mines_30m.lyr	ngb_DV_C_Mining_MRDS_Mines_30m.img

[1] Click these links to view metadata for the layer; [2] Click these links to download a data package (.lpk or.zip) containing the layer and data files; [3] The names of layer and data files in the downloaded data package

Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
USGS MRDS Mines	USGS Mineral Resources Database System inventory of mineral resources for the ecoregion (as a raster)	Metadata	Download	ngb_DV_mining_USGS_MRDS_pt.lyr	ngb_DV_mining_USGS_MRDS_pt
USGS Stream Discharge Gages Reviewed in Coldwater Fish Range	USGS Stream gages measuring discharge sampled for the coldwater fish assemblage	Metadata	Download	ngb_USGS_Stream_Gages_Discharge_Near_CWF_pt.lyr	ngb_USGS_Stream_Gages_Near_CWF_pt
USGS Stream Discharge Gages Reviewed in White Sturgeon Range	USGS Stream gages measuring discharge sampled for the white sturgeon.	Metadata	Download	ngb_USGS_Stream_Gage_Discharge_near_WSturgeon_pt.lyr	ngb_USGS_Stream_Gage_near_WSturgeon_pt
USGS Stream Gages	USGS Stream gages measuring stream temperature sampled for the white sturgeon.	Metadata	Download	ngb_USGS_Stream_Gage_Temperature_near_WSturgeon_pt.lyr	ngb_USGS_Stream_Gage_near_WSturgeon_pt
USGS stream gages (Discharge)	USGS Stream gages measuring discharge sampled for the bull trout	Metadata	Download	ngb_USGS_Stream_Gages_Discharge_near_Bull_trout_pt.lyr	ngb_USGS_Stream_Gages_near_Bull_trout_pt
USGS Stream Gages (Dissolved Oxygen)	USGS Stream gages measuring dissolved oxygen sampled for the white sturgeon.	Metadata	Download	ngb_USGS_Stream_Gage_DO_near_WSturgeon_pt.lyr	ngb_USGS_Stream_Gage_near_WSturgeon_pt
USGS stream gages (Temperature)	USGS Stream gages measuring stream temperature sampled for the bull trout	Metadata	Download	ngb_USGS_Stream_Gages_Temperature_near_Bull_trout_pt.lyr	ngb_USGS_Stream_Gages_near_Bull_trout_pt
USGS stream gages (Temperature)	USGS Stream gages measuring stream temperature sampled for the coldwater fish assemblage	Metadata	Download	ngb_USGS_Stream_Gages_Temperature_Near_CWF_pt.lyr	ngb_USGS_Stream_Gages_Near_CWF_pt
Utah Juniper	Utah juniper extracted from Landfire and ReGAP vegetation mapping	Metadata	Download	ngb_NV_C_Utah_Juniper_30m.lyr	ngb_NV_C_Utah_Juniper_30m.img
Utah juniper Viability (2030)	Utah juniper using the USFS 2030 viability from their Climate change analysis	Metadata	Download	NGB_NV_N_Utah_Juniper_USFS_CC_2030_795m.lyr	NGB_NV_N_Utah_Juniper_USFS_CC_2030_795m.img
Utah juniper Viability (2060)	Utah juniper using the USFS 2060 viability from their Climate change analysis	Metadata	Download	NGB_NV_L_Utah_Juniper_USFS_CC_2060_795m.lyr	NGB_NV_L_Utah_Juniper_USFS_CC_2060_795m.img
Utah juniper Viability (Current)	Utah juniper using the USFS current viability from their Climate change analysis	Metadata	Download	NGB_NV_C_Utah_Juniper_USFS_CC_Current_795m.lyr	NGB_NV_C_Utah_Juniper_USFS_CC_Current_795m.img
VCC Value (4km Grid)	Vegetation condition class is based on departure of current vegetation conditions from reference vegetation conditions only. Wildfire is one of the main components that would alter the VCC from historical reference state. VCC1 is the preferred condition	Metadata	Download	NGB_TS_C_175407_GE_VCC_4km_30m.lyr	NGB_TS_C_175407_GE_VCC_4km_30m.img
Vegetation Condition Class by County	Selected major interstates and highways near the ecoregion	Metadata	Download	ngb_Landfire_VCC_county_extent_30m.lyr	ngb_Landfire_VCC_county_extent_30m.img
Vegetation Cover (4km Grid)	Vegetation cover was extracted from the Landfire Existing Vegetation Cover dataset. The percent cover of sagebrush was extracted from this dataset and used in the analysis. > 40% of analysis unit containing sagebrush cover = good 20-40% of analysis	Metadata	Download	ngb_TS_C_552521_PRabbit_VegCover_4km_30m.lyr	ngb_TS_C_552521_PRabbit_VegCover_4km_30m.img

[1] Click these links to view metadata for the layer; [2] Click these links to download a data package (.lpk or.zip) containing the layer and data files; [3] The names of layer and data files in the downloaded data package

Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
Vegetation Height (4km Grid)	Vegetation cover was extracted from the Landfire Existing Vegetation Height dataset. > 100cm vegetation height = good 60 - 100cm vegetation height = moderate < 60cm vegetation height = lower quality	Metadata	Download	ngb_TS_C_552521_PRabbit_VegHeight_4km_30m.lyr	ngb_TS_C_552521_PRabbit_VegHeight_4km_30m.img
WAFWA (Summer and Year Long)	Mule Deer WAFWA Summer and Year long Range in the ecoregion.	Metadata	Download	NGB_TS_180697_MuleDeer_WAFWA_Summ_YearLong_poly.lyr	NGB_TS_180697_MuleDeer_WAFWA_Summ_YearLong_poly
WAFWA (Winter and Year Long)	Mule Deer WAFWA Winter and Year long Range in the ecoregion.	Metadata	Download	NGB_TS_180697_MuleDeer_WAFWA_Wint_YearLong_poly.lyr	NGB_TS_180697_MuleDeer_WAFWA_Wint_YearLong_poly
WAFWA Bighorn Sheep 2011 (Raster)	This data set represents the 2008 bighorn sheep seasonal range boundaries for Wyoming. Seasonal range delineations depict lands that are important in each season for certain biological processes within a herd unit.	Metadata	Download	NGB_TS_180711_WAFWA_BighornSheep_30m.lyr	NGB_TS_180711_WAFWA_BighornSheep_30m.img
Water Access	Water Access Points (Boat Launching Ramps) for Utah based on state of Utah GIS website	Metadata	Download	ngb_DV_BoatRamps_UT_pt.lyr	ngb_DV_BoatRamps_UT_pt
Water Erosion Potential	Water erosion potential based on the Revised Universal Soil Loss Equation	Metadata	Download	NGB_TES_C_Soils_Water_ERosion_Potential_30m.lyr	NGB_TES_C_Soils_Water_ERosion_Potential_30m.img
Watersheds with Aquatic Invasives	Watersheds containing aquatic invasive detections.	Metadata	Download	NGB_IV_Watersheds_With_Aquatic_Invasives_poly.lyr	NGB_IV_Watersheds_With_Aquatic_Invasives_poly
Western Juniper	Western juniper extracted from Landfire and ReGAP vegetation mapping	Metadata	Download	ngb_NV_C_Western_Juniper_30m.lyr	ngb_NV_C_Western_Juniper_30m.img
Western juniper Viability (2030)	Western juniper using the USFS 2030 viability from their Climate change analysis	Metadata	Download	NGB_NV_N_Western_Juniper_USFS_CC_2030_795m.lyr	NGB_NV_N_Western_Juniper_USFS_CC_2030_795m.img
Western juniper Viability (2060)	Western juniper using the USFS 2060 viability from their Climate change analysis	Metadata	Download	NGB_NV_L_Western_Juniper_USFS_CC_2060_795m.lyr	NGB_NV_L_Western_Juniper_USFS_CC_2060_795m.img
Western juniper Viability (Current)	Western juniper using the USFS current viability from their Climate change analysis	Metadata	Download	NGB_NV_C_Western_Juniper_USFS_CC_Current_795m.lyr	NGB_NV_C_Western_Juniper_USFS_CC_Current_795m.img
Wetlands (NWI, UT, ID)	National Wetlands Inventory Mapping for the NGB	Metadata	Download	ngb_AE_Wetlands_NWI_poly.lyr	ngb_AE_Wetlands_NWI_poly
Wetlands Cumulative Indicator	Cumulation of scoring indicators for wetlands based on 303(d), aquatic invasives, groundwater condition and native habitat by HUC 12	Metadata	Download	ngb_AE_C_Wetland_Cum_Indicator_poly.lyr	ngb_AE_C_Wetland_Cum_Indicator_poly
WGA Landscape Integrity Interconnect Zones (Cool Desert Biome)	Western Governors Association Interconnection Zones between Level 1 and Level 2 Large Intact Blocks for the cool desert biome	Metadata	Download	NGB_WGA_ICZ_cool_desert_poly.lyr	NGB_WGA_ICZ_cool_desert_poly
WGA Landscape Integrity Interconnect Zones (Forest Biome)	Western Governors Association Interconnection Zones between Level 1 and Level 2 Large Intact Blocks for the forest biome	Metadata	Download	NGB_WGA_ICZ_forest_poly.lyr	NGB_WGA_ICZ_forest_poly

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Layer Title	Layer Description	Metadata Link[1]	Download Link[2]	Layer File Name[3]	Data File Name [3]
WGA Landscape Integrity Interconnect Zones (Grassland Biome)	Western Governors Association Interconnection Zones between Level 1 and Level 2 Large Intact Blocks for the grassland biome	Metadata	Download	NGB_WGA_ICZ_grassland_poly.lyr	NGB_WGA_ICZ_grassland_poly
WGA Landscape Integrity Large Intact Blocks (Level 1)	Percentage of Western Governors Association Large Intact Blocks (Level 1) within Grazing Allotments	Metadata	Download	ngb_EI_WGA_LIB_Level1_30m.lyr	ngb_EI_WGA_LIB_Level1_30m.img
WGA Landscape Integrity Large Intact Blocks (Level 2)	Percentage of Western Governors Association Large Intact Blocks (Level 2) within Grazing Allotments	Metadata	Download	ngb_EI_WGA_LIB_Level2_30m.lyr	ngb_EI_WGA_LIB_Level2_30m.img
White Sturgeon (StreamNet)	Streamnet White Sturgeon Distribution within the Snake River	Metadata	Download	ngb_AS_C_161068_WSturgeon_Ln.lyr	ngb_AS_C_161068_WSturgeon_Ln
White Sturgeon Aquatic Invasive Detections by HUC12	Aquatic Invasive detections based on a HUC 12 analysis unit for white sturgeon.	Metadata	Download	ngb_AS_C_161068_WSturgeon_Aquatic_Invasives_HUC12_30m.lyr	ngb_AS_C_161068_WSturgeon_Aquatic_Invasives_HUC12_30m.img
White Sturgeon Aquatic Invasives Detections by 4km Grid	Aquatic Invasive detections based on a 4km grid analysis unit for white sturgeon.	Metadata	Download	ngb_AS_C_161068_WSturgeon_Aquatic_Invasives_4km_30m.lyr	ngb_AS_C_161068_WSturgeon_Aquatic_Invasives_4km_30m.img
White Sturgeon Burn Probability (4km Grid)	FSim Burn Probability for white sturgeon based on a 4km grid analysis unit.	Metadata	Download	ngb_AS_C_161068_WSturgeon_Burn_Probability_4km_30m.lyr	ngb_AS_C_161068_WSturgeon_Burn_Probability_4km_30m.img
White Sturgeon Burn Probability (HUC 12)	FSim Burn Probability for white sturgeon based on a HUC 12 analysis unit.	Metadata	Download	ngb_AS_C_161068_WSturgeon_BurnProbabilty_HUC12_30m.lyr	ngb_AS_C_161068_WSturgeon_BurnProbabilty_HUC12_30m.img
White Sturgeon in the NGB (Raster)	This dataset is a record of fish distribution and activity for WHITE STURGEON contained in the StreamNet database. This feature class was created based on linear event data extracted from the StreamNet database on January 12, 2012. Distribution is based	Metadata	Download	ngb_AS_C_161068_WSturgeon_Distribution_30m.lyr	ngb_AS_C_161068_WSturgeon_Distribution_30m.img
White Sturgeon Range Present in 4km Grid	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	ngb_AS_C_161068_WSturgeon_Present_in_4kmGrid_30m.lyr	ngb_AS_C_161068_WSturgeon_Present_in_4kmGrid_30m.img
White Sturgeon Range Present in HUC 12	Analysis units where this species is present within the Northern Great Basin ecoregion.	Metadata	Download	ngb_AS_C_161068_WSturgeon_Present_in_HUC12_30m.lyr	ngb_AS_C_161068_WSturgeon_Present_in_HUC12_30m.img
Wild and Scenic River	Wild and Scenic Rivers from Rivers.gov and PADS	Metadata	Download	ngb_PL_Wild_Scenic_Rivers_line.lyr	ngb_PL_Wild_Scenic_Rivers_line
Wilderness Area	Wilderness Areas from Wilderness.net	Metadata	Download	ngb_PL_WAs_poly.lyr	ngb_PL_WAs_poly
Wilderness Study Area (Suitable)	Wilderness Study Areas from Protected Areas Database	Metadata	Download	ngb_PL_WSAs_poly.lyr	ngb_PL_WSAs_poly
Wildfire Risk / Ignition Sources	Areas where grazing could be beneficial to reduce fuel loads based on burn probability, ignition sources and fire frequency	Metadata	Download	ngb_GR_C_Grazing_to_reduce_Fuel_30m.lyr	ngb_GR_C_Grazing_to_reduce_Fuel_30m.img
Wind Direction (Annual)	Airports located near the ecoregion used for mapping the prevailing winds for deposition figures	Metadata	Download	ngb_DV_GNIS_Airports_Near_REA_pt.lyr	ngb_DV_GNIS_Airports_Near_REA_pt
Wind Energy Sites	Wind Energy Sites in the ecoregion based upon rnp.org website (limited to Oregon and Idaho) that are permitting, operating or in development and may be operational by 2025	Metadata	Download	ngb_DV_Alt_Energy_rnp_org_Wind_operating_pt.lyr	ngb_DV_Alt_Energy_rnp_org_pt

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Wind Energy Sites	Wind Energy Sites in the ecoregion based upon rnp.org website (limited to Oregon and Idaho)	Metadata	Download	ngb_DV_Alt_Energy_rnp_org_Wind_pt.lyr	ngb_DV_Alt_Energy_rnp_org_pt
Wind Erosion Potential based on WEQ	Wind erosion based on SSURGO Wind Erodibility attribute	Metadata	Download	NGB_TES_C_Soils_Wind_Erosion_Potential_WEQ_30m.lyr	NGB_TES_C_Soils_Wind_Erosion_Potential_WEQ_30m.img
Wind Resource Potential (NREL)	National Renewable Energy Laboratory Wind Energy Potential Dataset within the ecoregion	Metadata	Download	ngb_DV_Wind_Potential_NREL_Poly.lyr	ngb_DV_Wind_Potential_NREL_Poly
Wind Turbines	FAA Wind Turbines (all datasets combined)	Metadata	Download	ngb_Wind_Turbines_including_Met_Towers_pt.lyr	ngb_Wind_Turbines_All_pt
Winter Flood Risk in Coldwater Fish Areas (4km)	Resulting winter flood risk taking into account areas with low precipitation that were removed from consideration.	Metadata	Download	ngb_AG_L_CWF_Flood_Risk_Combined_4km_30m.lyr	ngb_AG_L_CWF_Flood_Risk_Combined_4km_30m.img
YCT Lakes	Lakes identified containing Yellowstone cutthroat trout in the ecoregion	Metadata	Download	ngb_AS_C_553416_YCT_2011_Lakes_poly.lyr	ngb_AS_C_553416_YCT_2011_Lakes_poly
YCT Modeled Future Suitable Temperature Range (4km)	Yellowstone cutthroat trout mean July max air temperature based on future increased temperature of 3 degrees C using the 4km analysis unit.	Metadata	Download	ngb_AS_L_553416_YCT_July_PRISM_TMAX_4km_30m.lyr	ngb_AS_L_553416_YCT_July_PRISM_TMAX_4km_30m.img
Yellowstone Cutthroat Trout	Streams identified containing Yellowstone cutthroat trout in the range-wide assessment.	Metadata	Download	ngb_AS_C_553416_YCT_2011_Streams_ln.lyr	ngb_AS_C_553416_YCT_2011_Streams_ln
Yellowstone Cutthroat Trout Current Temperature Range in the NGB	Yellowstone cutthroat trout mean July max air temperature based on PRISM 1980-2010 normals.	Metadata	Download	ngb_AS_C_553416_YCT_July_PRISM_TMAX_30m.lyr	ngb_AS_C_553416_YCT_July_PRISM_TMAX_30m.img
Yellowstone Cutthroat Trout in the NGB (raster)	Yellowstone cutthroat trout range within the ecoregion converted to a raster for analysis.	Metadata	Download	ngb_AS_C_553416_YellowstoneCT_30m.lyr	ngb_AS_C_553416_YellowstoneCT_30m.img

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