
APPENDIX B- GIS METADATA

NATURAL HAZARD MITIGATION PLAN GIS METADATA

A Geographic Information System was used, to the extent that data was available, to identify specific natural hazards and provide a vulnerability assessment as it relates to natural hazard events in the Five County region. Information about the data used to create the maps is contained in this appendix. For further information about the data used or the process involved in generating hazard identification maps, contact the Five County Association of Governments Community and Economic Development staff.

BACKGROUND IMAGERY

<u>File</u>	<u>Name</u>	<u>Source</u>
DEM5m.gdb/DEMasc5m	Digital Elevation Model 5 meter	AGRC, FCAOG
DEM5m.gdb/HillShade5m	Hillshade 5 meter accuracy	AGRC, FCAOG

BOUNDARIES/CADASTRAL

<u>File</u>	<u>Name</u>	<u>Source</u>
B_Output.gdb/B_Owner	Beaver Land Ownership	AGRC
B_Output.gdb/B_Owner09	Beaver Land Ownership	AGRC
B_Output.gdb/BeaverCounty	Beaver County Boundary	AGRC
B_Output.gdb/BeaverMunicipalities	Beaver County Municipalities	AGRC
G_Output.gdb/G_ControlPnt	Garfield County PLSS Control Points	AGRC
G_Output.gdb/G_Municipalities	Garfield County Municipalities	AGRC
G_Output.gdb/G_Owner	Garfield Land Ownership	AGRC
G_Output.gdb/G_Quarter	Garfield County PLSS Quarter Divisions	AGRC
G_Output.gdb/G_SecDiv	Garfield County PLSS Second Div Quarter	AGRC
G_Output.gdb/G_Sections	Garfield County PLSS Sections	AGRC
G_Output.gdb/G_Township	Garfield County PLSS Townships	AGRC
G_Output.gdb/GarfieldCounty	Garfield County Boundary	AGRC
G_Output.gdb/Municipalities	Garfield County Municipalities	AGRC
I_Output.gdb/I_Municipalities	Iron County Municipalities	AGRC
I_Output.gdb/I_Owner	Iron Land Ownership	AGRC
I_Output.gdb/IronCounty	Iron County Boundary	AGRC
K_Output.gdb/K_Municipalities	Kane County Municipalities	AGRC
K_Output.gdb/K_Owner	Kane County Land Ownership	AGRC
K_Output.gdb/K_Owner09	Kane County Land Ownership	AGRC
K_Output.gdb/K_Township	Kane County PLSS Township	AGRC
K_Output.gdb/KaneConty	Kane County Boundary	AGRC
W_Output.gdb/W_Municipalities	Washington County Municipalities	AGRC
W_Output.gdb/W_Owner	Washington County Land Ownership	AGRC
W_Output.gdb/W_Parcels	Washington County Parcels	AGRC
W_Output.gdb/WashingtonCounty	Washington County Boundary	AGRC
Counties.shp	State Wide County Boundaries	AGRC
FiveCounties.shp	Region Wide County Boundaries	AGRC
Municipalities.shp	Region Wide Municipalities	AGRC
Overlap.shp	Overlap of Region Boundaries	FCAOG GIS
Quads100k.shp	Region PLSS Quads 100k Scale	AGRC
Quads24k.shp	Region PLSS Quads 24k Scale	AGRC

Sections.shp	Region PLSS Sections	AGRC
State.shp	State Boundary	AGRC
StateOwner.shp	State Wide Ownership 2009	AGRC

CRITICAL FACILITIES

<u>File</u>	<u>Name</u>	<u>Source</u>
CritFacil.gdb/Airports500k	500k State Wide Airports	AGRC
CritFacil.gdb/CommunicationTowersGNIS	Radio, Television, Transmission Towers	AGRC
CritFacil.gdb/ElectricalLines	State Wide Electrical Lines	AGRC
CritFacil.gdb/FireStations	State Wide Fire Stations	AGRC
CritFacil.gdb/HealthCareFacilities	State Wide Health Care Facilities	AGRC
CritFacil.gdb/Hospitals	State Wide Hospitals	AGRC
CritFacil.gdb/HospitalsGNIS	State Wide Hospitals	AGRC
CritFacil.gdb/LawEnforcement	State Wide Law Enforcement Offices	AGRC
CritFacil.gdb/OilGasPipelines	State Wide Oil and Gas Pipelines	AGRC
CritFacil.gdb/PoliceStations	State Wide Police Stations	AGRC
CritFacil.gdb/PublicFacilitiesESRI	Schools, prisons, cemeteries, etc.	AGRC
CritFacil.gdb/Schools	Schools, Colleges, Private Schools	AGRC
CritFacil.gdb/StateFacilities	State Controlled or Operated Facilities	AGRC
CritFacil.gdb/StateGovernmentBuildings	State Controlled or Operated Facilities	AGRC
CritFacil.gdb/TransmissionLines	Major Power Lines	AGRC
FiveCritFac.gdb/Airports500k	500k Region Wide Airports	AGRC
FiveCritFac.gdb/CommunicationTowers	Radio, Television, Transmission Towers	AGRC
FiveCritFac.gdb/FireStations	Region Wide Fire Stations	AGRC
FiveCritFac.gdb/HealthCareFacilities	Region Wide Health Care Facilities	AGRC
FiveCritFac.gdb/LawEnforcement	Region Wide Law Enforcement Offices	AGRC
FiveCritFac.gdb/PublicFacilitiesESRI	Schools, prisons, cemeteries, etc.	AGRC
FiveCritFac.gdb/Schools	Schools, Colleges, Private Schools	AGRC
FiveCritFac.gdb/StateFacilities	State Controlled or Operated Facilities	AGRC
Hospitals_SW.shp	State Wide Hospitals	AGRC
LawEnforcement_SW.shp	State Wide Law Enforcement Offices	AGRC
PoliceStations_SW.shp	State Wide Police Stations	AGRC
PowerLinesAGRC.shp	State Wide Power Lines	AGRC
SGID_U024_FireStations.shp	State Wide Fire Stations	AGRC
StateFacilities_SW.shp	State Controlled or Operated Facilities	AGRC

DROUGHT

<u>File</u>	<u>Name</u>	<u>Source</u>
Drought.gdb/Climate_Divisions	State Wide Climate Divisions	AGRC
Drought.gdb/ClimateDivisions_5C GIS	State Wide Climate Divisions	AGRC, NOAA, FCAOG
Pdi1895.gif	Palmer Drought Severity Index Map	NOAA

EARTHQUAKE

<u>File</u>	<u>Name</u>	<u>Source</u>
Earthquake.gdb/Faults500k	Faults at 500k scale	AGRC
Earthquake.gdb/Fin_FltBuf	Surface Rupture Zones	FCAOG, AGRC, UGS

FLOOD

<u>File</u>	<u>Name</u>	<u>Source</u>
Flood.gdb/WashFlood	Washington Flood Zones	FEMA
bcfloodzones.shp	Beaver Flood Zones	FEMA, FCAOG
gcfloodzones.shp	Garfield Flood Zones	FEMA, FCAOG
icfloodzones.shp	Iron Flood Zones	FEMA, FCAOG
kcfloodzones.shp	Kane Flood Zones	FEMA, FCAOG

HYDROLOGY

<u>File</u>	<u>Name</u>	<u>Source</u>
B_Output.gdb/B_Rivers	Beaver Rivers	AGRC
B_Output.gdb/BHLakes	Beaver High Resolution Lakes	AGRC
G_Output.gdb/G_Lakes	Garfield Lakes	AGRC
G_Output.gdb/G_Rivers	Garfield Rivers	AGRC
G_Output.gdb/Lakes	Garfield Lakes	AGRC
G_Output.gdb/Rivers	Garfield Rivers	AGRC
I_Output.gdb/I_Lakes	Iron Lakes	AGRC
I_Output.gdb/I_Rivers	Iron Rivers	AGRC
I_Output.gdb/Lakes	Iron Lakes	AGRC
I_Output.gdb/Rivers	Iron Rivers	AGRC
K_Output.gdb/K_Lakes	Kane Lakes	AGRC
K_Output.gdb/K_Rivers	Kane Rivers	AGRC
W_Output.gdb/W_Lakes	Washington Lakes	AGRC
W_Output.gdb/W_River	Washington River	AGRC
HighResLakes.shp	Statewide High Resolution Lakes	AGRC
HighResStream.shp	Region Wide High Resolution Streams	AGRC
Lakes.shp	Statewide Lakes	AGRC
Rivers.shp	Statewide Rivers	AGRC

LANDSLIDE

<u>File</u>	<u>Name</u>	<u>Source</u>
landslide1	Region Wide Landslide Potential	AGRC, FCAOG
BeavLand.gdb/B_Slide	Beaver Landslide Potential Polygon	AGRC, FCAOG
GarLand.gdb/G_Slide	Garfield Landslide Potential Polygon	AGRC, FCAOG
IronLand.gdb/I_Slide	Iron Landslide Potential Polygon	AGRC, FCAOG
KaneLand.gdb/K_Slide	Kane Landslide Potential Polygon	AGRC, FCAOG
WashLand.gdb/W_Slide	Washington Landslide Potential Polygon	AGRC, FCAOG

PARCELS

<u>File</u>	<u>Name</u>	<u>Source</u>
BeaverParcels.shp	Beaver County Parcels	Beaver County
Beaver.gdb/B_Sections_Erase	Sections used to fill gaps in Parcels	AGRC, FCAOG
Beaver.gdb/B_Sections	Beaver Sections	AGRC
Beaver.gdb/B_TaxImprove	Tax Database of all Improved Parcels	Beaver County
Beaver.gdb/BeaverParcels	Beaver Parcels	Beaver County
Beaver.gdb/BeaverTax	Full Beaver Tax Database	Beaver County

Beaver.gdb/Improv_Sec	Tax Database for related Sections	FCAOG
Reference.gdb/working/Gar_Par	Garfield Parcels	FCAOG, Garfield County
Reference.gdb/working/GarPar_Topology	Garfield Parcel Topology	FCAOG, Garfield County
Reference.gdb/ Gar_Par_Analysis	Garfield Parcels for Analysis	FCAOG, Garfield County
Reference.gdb/GarImprove	Garfield Improved Parcel Tax Database	Garfield County
Iron09_Parcels.gdb/Iron09_Edits	Iron Parcels	Iron County
IronTax.gdb/IronTaxdb	Iron Tax Database	Iron County
Kane.gdb/Kane44_41Comp	Kane Parcels	Kane County
Kane.gdb/Kane_ParT	Kane Parcels	AGRC
K_Output.gdb/K_Owner_PLS_Erase_all	Sections used to fill gaps in Parcels	FCAOG,AGRC
Kane.gdb/KaneTax	Kane Tax Database	Kane County
Kane.gdb/TaxSections2	Kane Tax Database For Sections	Kane County
W_Tax.gdb/ParcelsGD	Washington Parcels	Washington GIS
W_Tax.gdb/W_TaxGD	Washington Tax Database	Washington County

PROBLEM SOILS

<u>File</u>	<u>Name</u>	<u>Source</u>
Soils.gdb/AGRCSoil24k	AGRC Soils at 24k scale	AGRC
Soils.gdb/ProblemSoils500	AGRC Problem Soils at 500k scale	AGRC
hydrocompaction soils.shp	Cedar City Problem Soils	Cedar City GIS Department
hydrocompaction soils point.shp	Cedar City Problem Soils Point	Cedar City GIS Department

RADON

<u>File</u>	<u>Name</u>	<u>Source</u>
Radon.gdb/Radon	Radon Risk Areas	FCAOG

TRANSPORTATION

<u>File</u>	<u>Name</u>	<u>Source</u>
B_Output.gdb/B_Hwy	Beaver Highways	AGRC
B_Output.gdb/B_Hwy_Clip	Beaver Highways	AGRC
B_Output.gdb/B_Streets	Beaver Streets	AGRC
B_Output.gdb/B_Streets09	Beaver Streets	AGRC
G_Output.gdb/G_Hwy	Garfield Highways	AGRC
G_Output.gdb/G_Streets	Garfield Streets	AGRC
G_Output.gdb/Hwy	Garfield Highways	AGRC
I_Output.gdb/Hwy	Iron Highways	AGRC
I_Output.gdb/I_Hwy	Iron Highways	AGRC
I_Output.gdb/I_Streets	Iron Streets	AGRC
I_Output.gdb/I_Streets09	Iron Streets	AGRC
K_Output.gdb/K_Highways	Kane Highways	AGRC
K_Output.gdb/K_Streets	Kane Streets	AGRC
K_Output.gdb/K_Streets09	Kane Streets	AGRC
W_Output.gdb/W_Highways	Washington Highways	AGRC
W_Output.gdb/W_Streets09	Washington Streets	AGRC
FiveCnty.gdb/Five_Streets09	Region wide 2009 Streets	AGRC
Highways.shp	Region wide highways	AGRC
HighwaysRegion.shp	Modified Region wide highways	AGRC
Streets09.shp	Statewide streets 2009	AGRC

VOLCANO

File	Name	Source
Volcano.gdb/VolcanicFlow100k	Volcanic Flows	AGRC
Volcano.gdb/VolcanicVents100k	Volcanic Vents	AGRC
VolcanicFlow100k.shp	Volcanic Flows	AGRC
VolcanicFlow100k.shp	Volcanic Flows	AGRC

VULNERABILITY ASSESSMENT TABLES

File	Name	Source
beaver_com_par_fault.csv	Beaver Property Values Faults	FCAOG GIS, Tax Database
beaver_res_par_fault.csv	Beaver Property Values Faults	FCAOG GIS, Tax Database
beaver_com_par_Fire3.csv	Beaver Property Values Wildfire	FCAOG GIS, Tax Database
beaver_com_sec_Fire4.csv	Beaver Property Values Wildfire	FCAOG GIS, Tax Database
beaver_res_par_Fire3.csv	Beaver Property Values Wildfire	FCAOG GIS, Tax Database
beaver_res_par_Fire4.csv	Beaver Property Values Wildfire	FCAOG GIS, Tax Database
beaver_com_sec_Slide3.csv	Beaver Property Values Landslide	FCAOG GIS, Tax Database
beaver_res_par_Slide3.csv	Beaver Property Values Landslide	FCAOG GIS, Tax Database
beaver_res_lstn.csv	Beaver Property Values Problem Soils	FCAOG GIS, Tax Database
beaver_com_sec_weather.csv	Beaver Property Values Weather	FCAOG GIS, Tax Database
beaver_res_lighting3.csv	Beaver Property Values Weather	FCAOG GIS, Tax Database
beaver_res_sec_weather.csv	Beaver Property Values Weather	FCAOG GIS, Tax Database
G_Faults_Com_Statistics.csv	Garfield Property Values Faults	FCAOG GIS, Tax Database
G_Faults_Res_Statistics.csv	Garfield Property Values Faults	FCAOG GIS, Tax Database
G_Fire3_Com_Statistics.csv	Garfield Property Values Wildfire	FCAOG GIS, Tax Database
G_Fire3_Res_Statistics.csv	Garfield Property Values Wildfire	FCAOG GIS, Tax Database
G_Fire4_Com_Statistics.csv	Garfield Property Values Wildfire	FCAOG GIS, Tax Database
G_Fire4_Res_Statistics.csv	Garfield Property Values Wildfire	FCAOG GIS, Tax Database
G_Flood_Com_Statistics.csv	Garfield Property Values Flood	FCAOG GIS, Tax Database
G_Flood_Res_Statistics.csv	Garfield Property Values Flood	FCAOG GIS, Tax Database
G_Slide3_Com_Statistics.csv	Garfield Property Values Landslide	FCAOG GIS, Tax Database
G_Slide3_Res_Statistics.csv	Garfield Property Values Landslide	FCAOG GIS, Tax Database
G_Soils_Com_Statistics.csv	Garfield Property Values Problem Soils	FCAOG GIS, Tax Database
G_Soils_Res_Statistics.csv	Garfield Property Values Problem Soils	FCAOG GIS, Tax Database
G_Volcano_Res_Statistics.csv	Garfield Property Values Volcanoes	FCAOG GIS, Tax Database
G_Weather3_Com_Statistics.csv	Garfield Property Values Weather	FCAOG GIS, Tax Database
G_Weather3_Res_Statistics.csv	Garfield Property Values Weather	FCAOG GIS, Tax Database
G_Weather4_Com_Statistics.csv	Garfield Property Values Weather	FCAOG GIS, Tax Database
G_Weather4_Res_Statistics.csv	Garfield Property Values Weather	FCAOG GIS, Tax Database
i_fualts_com_sum.csv	Iron Property Values Faults	FCAOG GIS, Tax Database
i_fualts_res_sum.csv	Iron Property Values Faults	FCAOG GIS, Tax Database
I_Fire3_Com_Statistics.csv	Iron Property Values Wildfire	FCAOG GIS, Tax Database
I_Fire3_Res_Statistics.csv	Iron Property Values Wildfire	FCAOG GIS, Tax Database
I_Fire4_Res_Statistics.csv	Iron Property Values Wildfire	FCAOG GIS, Tax Database
I_Floods_Com_Statistics.csv	Iron Property Values Floods	FCAOG GIS, Tax Database
I_Floods_Res_Statistics.csv	Iron Property Values Floods	FCAOG GIS, Tax Database
I_Slide3_Com_Statistics.csv	Iron Property Values Landslide	FCAOG GIS, Tax Database
I_Slide3_Res_Statistics.csv	Iron Property Values Landslide	FCAOG GIS, Tax Database
I_Slide4_Res_Statistics.csv	Iron Property Values Landslide	FCAOG GIS, Tax Database
I_Soils_Com_Statistics.csv	Iron Property Values Problem Soils	FCAOG GIS, Tax Database
I_Soils_Res_Statistics.csv	Iron Property Values Problem Soils	FCAOG GIS, Tax Database

I_Volcano_Com_Statistics.csv	Iron Property Values Volcanoes	FCAOG GIS, Tax Database
I_Volcano_Res_Statistics.csv	Iron Property Values Volcanoes	FCAOG GIS, Tax Database
i_lightning3_com_statistics.csv	Iron Property Values Weather	FCAOG GIS, Tax Database
i_lightning3_res_statistics.csv	Iron Property Values Weather	FCAOG GIS, Tax Database
K_Faults_Com_Statistics.csv	Kane Property Values Faults	FCAOG GIS, Tax Database
K_Faults_Res_Statistics.csv	Kane Property Values Faults	FCAOG GIS, Tax Database
K_Fire3_Com_Statistics.csv	Kane Property Values Wildfire	FCAOG GIS, Tax Database
K_Fire3_Res_Statistics.csv	Kane Property Values Wildfire	FCAOG GIS, Tax Database
K_Fire4_Com_Statistics.csv	Kane Property Values Wildfire	FCAOG GIS, Tax Database
K_Fire4_Res_Statistics.csv	Kane Property Values Wildfire	FCAOG GIS, Tax Database
K_Flood_Com_Statistics.csv	Kane Property Values Flood	FCAOG GIS, Tax Database
K_Flood_Res_Statistics.csv	Kane Property Values Flood	FCAOG GIS, Tax Database
K_Slide3_Com_Statistics.csv	Kane Property Values Landslide	FCAOG GIS, Tax Database
K_Slide3_Res_Statistics.csv	Kane Property Values Landslide	FCAOG GIS, Tax Database
K_Slide4_Res_Statistics.csv	Kane Property Values Landslide	FCAOG GIS, Tax Database
K_SoilDun_Res_Statistics.csv	Kane Property Values Problem Soils	FCAOG GIS, Tax Database
K_SoilsExpan_Res_Statistics.csv	Kane Property Values Problem Soils	FCAOG GIS, Tax Database
K_SoilsExpan_sec_Com_Statistics.csv	Kane Property Values Problem Soils	FCAOG GIS, Tax Database
K_VolFlow_Res_Statistics.csv	Kane Property Values Volcanoes	FCAOG GIS, Tax Database
K_VolFlow_sec_Com_Statistics.csv	Kane Property Values Volcanoes	FCAOG GIS, Tax Database
K_lghting3_Res_Statistics.csv	Kane Property Values Weather	FCAOG GIS, Tax Database
W_Faults_Com_Statistics.csv	Washington Property Values Faults	FCAOG GIS, Tax Database
W_Faults_Res_Statistics.csv	Washington Property Values Faults	FCAOG GIS, Tax Database
W_Fire3_Com_Statistics.csv	Washington Property Values Wildfire	FCAOG GIS, Tax Database
W_Fire3_Res_Statistics.csv	Washington Property Values Wildfire	FCAOG GIS, Tax Database
W_Fire4_Res_Statistics.csv	Washington Property Values Wildfire	FCAOG GIS, Tax Database
W_Floods_Com_Statistics.csv	Washington Property Values Flood	FCAOG GIS, Tax Database
W_Floods_Res_Statistics.csv	Washington Property Values Flood	FCAOG GIS, Tax Database
W_Landslide3_Com_Statistics.csv	Washington Property Values Landslide	FCAOG GIS, Tax Database
W_Landslide3_Res_Statistics.csv	Washington Property Values Landslide	FCAOG GIS, Tax Database
W_Landslide4_Com_Statistics.csv	Washington Property Values Landslide	FCAOG GIS, Tax Database
W_Landslide4_Res_Statistics.csv	Washington Property Values Landslide	FCAOG GIS, Tax Database
W_Soils_Com_Statistics.csv	Washington Property Values Problem Soils	FCAOG GIS, Tax Database
W_Soils_Res_Statistics.csv	Washington Property Values Problem Soils	FCAOG GIS, Tax Database
W_Volcanic_Com_Statistics.csv	Washington Property Values Volcanoes	FCAOG GIS, Tax Database
W_Volcanic_Res_Statistics.csv	Washington Property Values Volcanoes	FCAOG GIS, Tax Database
W_lightning3_com_Statistics.csv	Washington Property Values Weather	FCAOG GIS, Tax Database
W_lightning3_res_Statistics.csv	Washington Property Values Weather	FCAOG GIS, Tax Database

WEATHER

File	Name	Source
density3and4	Lightning Density High and Medium Risk	USPLN /WSI, FCAOG
density8	Lightning Density in 8 categories	USPLN /WSI, FCAOG
k1	Lightning Density Raw Data	USPLN /WSI, FCAOG
Weather.gdb/Lightning_Death	Lightning Strike Deaths	NOAA, FCAOG
Weather.gdb/Tornado_Touchdown	Tornado Touch Downs	NOAA

WILDFIRE

File	Name	Source
Fire.gdb/Poly_bc_wui_risk	Beaver Wildfire Risk areas	FCAOG

Fire.gdb/Poly_gc_wui_risk	Garfield Wildfire Risk areas	FCAOG
Fire.gdb/Poly_ic_wui_risk	Iron Wildfire Risk areas	FCAOG
Fire.gdb/Poly_kc_wui_risk	Kane Wildfire Risk areas	FCAOG
Fire.gdb/Poly_wc_wui_risk1	Washington Wildfire Risk areas	FCAOG
Fire.gdb/Poly_wc_wui_risk2	Washington Wildfire Risk areas	FCAOG
bc_f_s_a_fo	Beaver County Risk Areas	FCAOG
BC_WUI.shp	Beaver Wilderness Urban Interface	FCAOG
bc_wui_risk	Beaver Wildfire Risk areas	FCAOG
gc_wui_risk	Garfield Wildfire Risk areas	FCAOG
ic_wui_risk	Iron Wildfire Risk areas	FCAOG
kc_wui_risk	Kane Wildfire Risk areas	FCAOG
wc_wui_risk1	Washington Wildfire Risk areas	FCAOG
wc_wui_risk2	Washington Wildfire Risk areas	FCAOG
gc_f_s_a_fo	Garfield County Risk Areas	FCAOG
ic_f_s_a_fo	Iron County Risk Areas	FCAOG
kc_f_s_a_fo	Kane County Risk Areas	FCAOG
wc_f_s_a_fo	Garfield County Risk Areas	FCAOG
GC_WUI.shp	Garfield Wilderness Urban Interface	FCAOG
IC_WUI.shp	Iron Wilderness Urban Interface	FCAOG
KC_WUI_calc.shp	Kane Wilderness Urban Interface	FCAOG
WC_WUI.shp	Washington Wilderness Urban Interface	FCAOG
WC_WUI_Cat3.shp	Washington Wilderness Urban Interface	FCAOG

