United States Department of Agriculture Forest Service

Southwestern Region

Due to a lapse in federal funding, this USDA website will not be actively updated. Once funding has been reestablished, online operations will continue

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Cal Joyner, Regional Forester

KMZ 3.0 MB Metadata Posted 12/14/2018

Contact Us

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	Southwestern Region GIS Data			
	Selected GIS Datasets for the Southwestern Region			
	GIS Data Download Instruction			
	Category/Feature Class	Abstract		
	Aerial Photography Project I	'		
	Photo Project Area	Historical Aerial Photography Archive Project (HAPAP) is a geodatabase		
	Polygons	that interfaces with a Map Viewer Search engine of all aerial photography		
	Photo Centers	projects completed in the Southwestern Region of the Forest Service. This		
	Feature Service	database contains metadata on each project indicating the original		
	ArcGIS Layer File	project specifications and information on how to locate the associated		
	Service Uptated Weekly	rolls of film.		
	Forest Health – Insect Disea			
	Forest Health – Insect Disea	Se		
	Disease, See web page			
	Ecological Response Units (Southwestern Pegian)		
	Ecological Response Units (.	-		
		Ecological Response Units - The purpose of this feature class is to be an		
	Ecological Response Units	ecosystem mapping tool across all of Arizona and New Mexico.		
	(Version 5.2)	Ecological Response Units (ERUs) facilitate landscape analyses and planning. The		
	Feature Service	framework represents all major ecosystem types of the southwest region, and		
	ArcGIS Layer File	represents a stratification of biophysical themes. ERUs are used to define		
	Shapefile Tile AZN 252 MB	historic/reference conditions within a mapping unit by integrating site potential		
	Shapefile Tile AZ S 292 MB	(soil physical and chemical properties, geology, geomorphology, aspect, slope,		
	Shapefile Tile NMN 313 MB	climate variables, and geographic location), fire regime (historic and		
	Shapefile Tile NMS 267 MB			
	Metadata	contemporary), neighboring vegetation communities, and seral state sequence.		
	Posted 9/28/2018	The shapefile data is tiled into four tiles: Arizona North, Arizona South, New		
		Mexico North, New Mexico South. Sample image of the tile locations		
		The CCVA is an all-lands vulnerability assessment for major upland		
		ecosystems of AZ and NM (Triepke 2016). Based on the anticipated		
	Climate Change	effects of climate and uncharacteristic drought to site potential, the		
	Vulnerability Assessment	vulnerability of individual plant communities was identified by the level of		
	GeoTIFF Image 36.6 MB	future climate departure from the climate envelope for given ecosystem		
	GEO PDF Image 68.6 MB	types. The CCVA was an ecosystems approach to predicting vulnerability		
	CCVA Executive Summary	based on climate projections at the year 2090. Much of the underpinning		
	PDF 507 KB	knowledge and geography of vegetation-climate relationships stems from		
		the Terrestrial Ecological Unit Inventory of the USFS Southwestern Region		
		(USDA Forest Service 1986, Winthers et al. 2005).		
General Terrestrial Ecosystem Survey (Southwestern Region)				
	General Terrestrial			
	Ecosystem Survey	General Terrestrial Ecosystem Survey - (United States Forest Service Southwest		
	Feature Service	Region) Image		
	ArcGIS Layer File	The data set is composed of polygon features denoting soil condition, erosion		
	Shapfile 4.6 MB	hazard, revegetation potential and vegetation cover. The scale is 1:250000. This		
	Metadata	data set was created for the USFS General Terrestrial Ecosystem Survey. It's		
	Posted 12/2001	purpose is to delineate the locations and areas of varying GTES characteristics.		
	Land (Southwestern Region			
	Administrative Forest	Administrative Forest - An area encompassing all the National Forest		
	AGOL Service	System lands administered by a unit. The area encompasses private		
	ArcGIS Layer File	lands, other governmental agency lands, and may contain National Forest		
	Shapefile 1.1 MB	System lands within the proclaimed boundaries of another administrative		
	KMZ 1.4 MB	unit. All National Forest System lands fall within one and only one		
	Metadata	Administrative Forest Area.		
	Posted 12/14/2018	tanimati att vo 1 or ost 711 od.		
	Ranger District			
	AGOL Service			
	ArcGIS Layer File	Ranger District - A depiction of the boundary that encompasses a Ranger		
	Shapefile 2.2 MB	District.		
	KMZ 3.0 MB			

Administrative Region AGOL Service ArcGIS Layer File Shapefile 341 KB KMZ 469 KB Metadata Posted 12/14/2018	Administrative Region - An area encompassing all the National Forest System lands administered by a Region. The area encompasses private lands, other governmental agency lands. All National Forest System lands fall within one and only one Administrative Region Area.
Military Reserve AGOL Service ArcGIS Layer File Shapefile 30 KB KMZ 17 KB Metadata Posted 12/14/2018	Military Reserve - An area depicting National Forest System land parcels that have management or use limits of Military Reserve or Hazardous Area.
National Grassland AGOL Service ArcGIS Layer File Shapefile 42 KB KMZ 34 KB Metadata Posted 12/14/2018	National Grassland - A National Grassland unit designated by the Secretary of Agriculture and permanently held by the Department of Agriculture under Title III of the Bankhead-Jones Farm Tenant Act.
Other National Designated Area AGOL Service ArcGIS Layer File Shapefile 1.0 MB KMZ 1.4 MB Metadata	Other National Designated Area - An area depicting National Forest System land parcels that have management or use limits placed on them by legal authority. Examples are: National Recreation Area, National Monument, and National Game Refuge.
Proclaimed Forest AGOL Service ArcGIS Layer File Shapefile 1.1 MB KMZ 1.4 MB Metadata Posted 12/14/2018	Proclaimed Forest - A depiction of the boundaries encompassing the National Forest System (NFS) lands within the original proclaimed National Forests, along with subsequent Executive Orders, Proclamations, Public Laws, Public Land Orders, Secretary of Agriculture Orders, and Secretary of Interior Orders creating modifications thereto, along with lands added to the NFS which have taken on the status of 'reserved from the public domain' under the General Exchange Act. The following area types are included: National Forest, Experimental Area, Experimental Forest, Experimental Range, Land Utilization Project, National Grassland, Purchase Unit, and Special Management Area.
PLSS - Public Land Survey System AGOL Service ArcGIS Layer File Shapefiles 16.9 MB Section KMZ 16.1 MB Metadata Township KMZ 2.7 MB Metadata Posted 12/14/2018	PLSS Section - An area defined by the Public Lands Survey System Grid. Normally, 36 sections make up a township. Township - An area defined by the Public Lands Survey System grid that is referenced by its tier and range numbers, and is normally a rectangle approximately 6 miles on a side with boundaries conforming to meridians and parallels.
Special Interest Management Area AGOL Service ArcGIS Layer File Shapefile 1.2 MB KMZ 1.7 MB Metadata	Special Interest Management Area - A depiction of National Forest System land parcels that have management or use limits placed on them by the Forest Service. Examples include: Anadromous Spawning Area, Indian Reserve Classification Area, Archeological Area, and Scenic Area.
Surface Ownership AGOL Service ArcGIS Layer File Shapefile 8.0 MB KMZ 11.2 MB Metadata Posted 12/14/2018 Surface Ownership Dissolve	Surface Ownership - An area depicting ownership parcels of the surface estate. Each surface ownership parcel is tied to a particular legal transaction. The same individual or organization may currently own many parcels that may or may not have been acquired through the same legal transaction. Therefore, they are captured as separate entities rather than merged together. This is in contrast to Basic Ownership, in which the surface ownership parcels having the same owner are merged together. Basic Ownership provides the general user with the Forest Service versus non-Forest Service view of land ownership within National Forest boundaries. Surface Ownership within National Forest boundaries.
AGOL Service ArcGIS Layer File Shapefile 3.1 MB Metadata Posted 12/14/2018 Wilderness AGOL Service	Surface Ownership Dissolve -This is a Basic ownership layer mergered from Surface Ownership. Ownership is depicted (dissolved) by FS_Own_Code (USFS or OTHER.)

Shapefile 1.5 MB KMZ 2.1 MB Metadata	Wilderness - The Land Status view of National Forest System land parcels that have legal descriptions such as National Wilderness Area, Primitive Area, or Wilderness Study Area.			
Posted 12/14/2018 Wild Scenic River AGOL Service ArcGIS Layer File Shapefile 174 KB KMZ 214 KB Metadata Posted 12/14/2018	Wild Scenic River - The Land Status view of a Wild and Scenic River.			
	nits (Southwestern Region)			
RMU - Range Management Units (Southwestern Region) RMU Unit & RMU SubUnit				
Feature Service ArcGIS Layer File Shapefiles xxx MB Metadata Posted 4/19/2018 - Service Weekly	RMU_Unit (Allotments) - Depicts the gross grazing management area (allotment) boundaries, range general resource area boundaries, and wild horse territories boundaries. RMU_SubUnit (Pastures) - Depicts grazing implementation monitoring area boundaries within each Pasture.			
Vegetation (Southwestern R	egion)			
Riparian Vegetation Feature Service ArcGIS Layer File Shapefile 58.7 MB KMZ 32.9 MB Metadata Posted 3/2014	Riparian Vegetation - Riparian plant communities across Forests and Grasslands of the US Forest Service Southwestern Region. Regional Riparian Mapping Project Report (PDF)			
Wild Land Fire Perimeters (S	Southwestern Region)			
Wildfire perimeters > 100 acres Feature Service ArcGIS Layer Shapefile 5.7 MB KMZ 8.1 MB Metadata Posted 4/17/2018	Wildfire perimeters > 100 acres on Forests Service Lands in the Southwest Region of the Forest Service for the years 2000 - 2017.			
Wildland Urban Interface (WUI) Areas (Southwestern Region)				
Wildland Urban Interface Feature Service ArcGIS Layer File Shape 2.2 MB Metadata Posted 12/2001	Wildland Urban Interface (WUI) Areas Adjacent to Forest Service Lands in the South Western Region of the Forest Service Image			
Constructed Features (South	nwestern Region)			
Constructed Features Feature Service	This feature dataset includes constructed and non constructed features that support management needs and mapping. This dataset includes a variety of constructed features, (e.g, fences, bridges, culverts, buildings,			
ArcGIS Layer File	communication systems, gates, helipads, parking lots, shooting range,			
Posted 07/12/2018	etc.) and non-constructed features which may include natural barriers and other features that need to be maintained spatially.			
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