

Table 4-1 GIS Data Inventory

Data Description	Format	Dona Ana	Sierra	Otero	Date Transferred to URS	Alternate Source/Notes
Base Data						
Quickbird Imagery						
PLSS	shape	X	X	X	12/21/04	Trapped ranges, revisions necessary
DEMs		X	X	X		
DOQQs		X	X	X	12/21/04	
DRG's		X	X	X	2/10/05	
Cities	shape	X	X	X	1/20/05	Polygons of urban areas from ESRI
County Boundaries	shape	X	X	X	5/16/05	
Planning Area Boundary	coverage	X	X	X	5/4/05	Derived from counties coverage
Decision Area Boundary						Need mineral ownership
Lands & Access						
Disposal Lands	coverage	X	X	X	4/13/05	Multipule labelerrors. Update of disposal land for old_mimbres_disposal.shp. Attribute field with 31/289 polygons labeled as "disp"
ROW Avoidance and Exclusion Areas		X				
Open Space	shape				4/7/05	
Military Range boundaries						Thought of after project initiation. Is there a need for this? Nothing Available beyond Surface Ownership.
Air Quality						
Class 1 Areas						
National Weather Service Meteorological Stations						
Non-attainment Areas						
Air Quality Monitor sites						
IMPROVE Monitoring Stations						
Remote Automatic Weather Stations						
Cultural Resources						
NMCRST						
El Camino Real Trail	coverage				1/26/05	tri_camino only portion that is known; also have statewide cover that identifies probable location.
Energy & Minerals						
Subsurface Mineral Estate	shape	X	X	X	1/20/05	
Mining Districts						LR2000
Mining Claims						LR2000
Mineral Resource Data System (MRDS)					1/24/05	Transfer contained only a text file. Need to transfer again.
Existing Pits and Quarries						LR2000
Coal Leases						
Existing Oil and Gas Leases		X	X	X		
Physiographic Provinces						MLRA updated at NM-NRCS web site
Tectonic Features (troughs, belt boundaries)						
Locatable Mineral Occurrence Potential and Development Potential (Planning Area Wide)						
Saleable Mineral Occurrence Potential and Development Potential (Planning Area Wide)						
Geothermal Occurrence Potential and Development Potential (Planning Area Wide)	coverage		X	X		FROM WHITE SANDS FLUID MINERAL FEIS

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CO2 Occurrence Potential and Development Potential (Planning Area Wide)						
Oil & Gas Occurrence Potential and Development Potential (Planning Area Wide)	coverage		X	X		FROM WHITE SANDS FLUID MINERAL FEIS
Uranium Occurrence Potential and Development Potential (Planning Area Wide)						
Sodium Occurrence Potential and Development Potential (Planning Area Wide)						
Coal Occurrence Potential and Development Potential (Planning Area Wide)						
Coalbed Methane Occurrence Potential and Development Potential (Planning Area Wide)						
Wind Power Classification						
Solar Flat-plate Collection Classification						
Solar Concentrating Collection Classification						
Environmental Justice						
Census Tracts 1990 and 2000		X	X	X	URS	ESRI Data CD/ Census Web site.
Fire						
Fire History	coverage	X	X	X	1/26/05	Projection system needs to be revised
Statewide Fire Plan	coverage	X	X	X	4/26/05	
Geology						
Geology		X	X	X		
Cave Locations						Old mine shaft dataset for Horita Mountains
Palaeoecological Resources						
Jurisdiction						
Surface Management	shape	X	X	X	12/21/04	10 polygons with out own attribute populated.
Incorporated City Limits	shp	x			4/15/05	For Las Cruces only
Hazardous Materials						
Active/Closed Landfills						Old bombing range in Oterro may be a hazardous materials site
Non-point Source						
Superfund Sites						
UST Sites						
LUST Sites						
CERCLA Sites						
RCRA Sites						
Range Resources						
Fraglands	coverage	X			4/27/05	Areas on the threshold of breaking apart.
Grazing Allotments	shape	X	X	X	12/21/04	
Range Improvements	coverage	X	X	X	5/4/05	
Recreation						
El Camino Real Trail	coverage	X	X		URS	URS data library
Jornada del Muerto Trail					1/27/05	
Butterfield Trail	coverage	X	X		1/27/05	
Mormon Battalion Trail	coverage					
Butterfield Trail	coverage	X	X		1/27/05	Extends beyond Planning Area
Recreation Trails	coverage	X				

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Recreation Opportunity Spectrum Classes						
OHV Designations	coverage	X	X		4/25/05	Two areas of Open in Planning Area
Chihuahuan Desert Nature Park						
West Mesa Regional Park						
State Parks						Mesilla Valley Bosque; Elephant Butte; Cabillo
Soils						
NRCS STATSGO/SURGO		X	X			URS data library, need to revise county boundaries
Soils	coverage	X				Dona_anna_soils, polygons and points. Polygons have incorrect projection definition
Prime and Unique Farmlands						
Erosive and Fragile Soils						
T&E						
Aplomado Falcon Model		X	X	X	5/12/04	URS data library
Prairie Dot Town Locations	coverage			X	1/26/05	Two coverages with same data
Transportation						
Transporation Network	shape	X	X	X	12/21/04	Missing attribution for "adminstra" to pull in all of 506 and 70
MPO's	coverage	X			1/26/05	Updated twice/year. Received proposed and through_fare
Utilities						
Communication Sites						
Pipelines						
Electric Transmission Lines	shape			X	1/24/05	Two coverages
Sierra County Electric Transmission Lines	shape		X		2/1/05	
Utility Corridors		X				General scale only
Wind Powered Generation Sites						
Utility Withdrawals						
Vegetation						
Riparian	coverage	X			1/28/05	Four coverages - Hatch and LASCR; lascr_rip_x us outline of LC 100k
Vegetation						Download REGAP landcover from SWREGAP, BLM is currently reviewing it
SWA	shape	X	X	X	1/26/05	Partial coverage in all three counties
Habitat Management Plan Areas	coverage	X			4/25/05	
Noxious weeds/non-native plants	coverage		X	X	1/25/05	Statewide geodatabase, includes treatments. 3/13 covers have data in Planning Area
Ecological Condition		X	X			
Brush Control Treatment Areas	coverage	X	X	X	5/18/05	One label error
Site Write-up Areas		X	X			Vegetation and soils
Geographic Provinces	coverage	X	X	X	1/26/05	Multiple label errors. Extends beyond Planning Area
Special Designations						
Areas of Critical Environmental Concern	shape	X	X	X	12/21/04	
Propetary ACEC	coverage	X			2/1/05	Will not be displayed on maps for public distribution
Nominated ACEC						
Special Cultural Management Areas						
Lake Valley Scenic Byway	coverage				4/13/05	
Special Recreation Management Areas (SRMA)	coverage				4/27/05	
Wilderness Study Areas	shape	x	x	x	5/12/05	Missing labels for a Sacramento Escarpment and Robledos
Surface Water Resources						
Annual Precipitation						BLM has some data

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National Hydrography Database		X	X	X	URS	URS data library
Watershed Boundaries	coverage	X	X	X	5/23/05	Extent differs from Planning Area at west side of Sierra County; and south side of Dona Ana
Wells						
Streams	shp	x	x		1/5/05	Matches NHD for Rio Grande. Plus streams in Sierra/Decision Area
Floodplains	shp	X	X		1/24/05	FEMA data
Groundwater Resources						
Groundwater Basins	coverage		X	X		URS data library
Visual						
Visual Resource Management Classes	coverage	X			5/4/05	
El Camino Real Trail Associated VRM						Identified in Management Plan with classes.
Wildlife Resources						
Wildlife Migration Corridors						
NMGF Hunt Units		X	X	X	5/23/05	Downloaded from NMGF site
Antelope Hunt Units						Requested from NMGF 6-1-05
Wildlife Distributions						REGAP, BLM to finalize data set