



Cover photos by the Lincoln County Fire Services.

The Earth Data Analysis Center would like to recognize Mike Camponovo who initiated the Multi-Hazard Risk Portfolio program for the state of New Mexico in 2015 and contributed valuable insight to the program.

The Earth Data Analysis Center would like to acknowledge Ryan McDaniel with the Idaho Bureau of Homeland Security for his guidance in producing this Multi-Hazard Risk Portfolio. The Idaho Flood and Seismic Risk Portfolio, which inspired this project, is available online at [https://ioem.idaho.gov/Pages/Plans/RiskMap/IMHRP2015\\_FINAL\\_DRAFT.pdf](https://ioem.idaho.gov/Pages/Plans/RiskMap/IMHRP2015_FINAL_DRAFT.pdf).

Numerous state, federal, and local partners provided valuable data, insight, and support in order to complete this project. The Earth Data Analysis Center would like to especially mention the contributions of the New Mexico Silver Jackets members including the NM Department of Homeland Security and Emergency Management, The US Army Corp of Engineers Albuquerque District, The National Weather Service Albuquerque Office, The NM State Forestry Department, FEMA Region VI, and The Nature Conservancy. Many local officials took time out of their schedule to complete our Flood Risk Survey. Those individuals and their communities are listed in the Acknowledgements section of this report.

This project was funded by FEMA Region VI as part of the [Cooperating Technical Partnership](#) (CTP) through the [Risk Mapping, Assessment, and Planning](#) (Risk MAP) program.

Data within this report was compiled from a variety of local, state, and federal sources. The data within this report and the products derived from that data are presented without warranty for informational purposes only.

Report date September 30, 2016

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## Introduction

Natural disasters have a significant impact on New Mexico. Flooding, wildfires, landslides, high winds, thunderstorms, and other hazards impact homes, businesses, and infrastructure across the State. In addition to causing damage to physical structures, they also disrupt lives and cause stress as people and businesses try to recover. The New Mexico Multi-Hazard Risk Portfolio (MHRP) consists of interactive maps, geospatial data, and this desk reference in order to present a geospatial hazard risk inventory for New Mexico. The multi-year program will focus on a different hazard each year in order to provide a comprehensive view of natural hazard risk for the State. To learn more about natural hazards in the State, refer to the [New Mexico Hazard Mitigation Plan](#).

As the costliest and most damaging disaster category in New Mexico, the first version of the MHRP focused on flood risk. Flooding impacts all communities within New Mexico and can be caused by riverine flooding, high intensity monsoon rains, rain on snow events, ice dams, sheet flow over flat surfaces, or even dam failures. The second version focuses on wildfire risk. This hazard can also contribute to increased flooding post-wildfire due to increase runoff.

### MHRP Format

The MHRP is designed to provide a state level or regional level of risk in order to better plan long term projects to mitigate the impacts of natural hazards. The majority of this desk reference contains high level descriptions of each of the 85 watersheds that intersect New Mexico. The first edition of the New Mexico MHRP was devoted to flood risk in New Mexico. As part of the analysis of flood risk and in an effort to collect and present local data as well, in 2015 a 16 question survey was mailed to each community and county with jurisdictional authority in New Mexico. The flood risk methodology and statewide results as well as the survey results are provided in Appendix A. The watershed maps presenting flood risk are included next to the wildfire risk maps in the following pages.

### Where to Learn More

The New Mexico State Forestry is a part of the New Mexico Department of Energy, Minerals and Natural Resources Department and is responsible for wildfire suppression on all non-federal, non-municipal, non-tribal, and non-pueblo lands. They also partner with many organizations around the state to undertake mitigation projects to protect vulnerable regions from natural hazards. They offer technical management advice, including tree care and pest identification and for private landowners. The State Forestry division also provides vital engagement through the Returning Heroes Wildland Firefighter program for veterans, Urban and Community Forestry, Conservation Seedlings, and the state's many Firewise communities. The Community Wildfire Protection Plans for New Mexico communities can be found on the State Forestry website (<http://www.emnrd.state.nm.us/SFD/FireMgt/Fire.html>).

The best source of information about flood risk in your community is your local floodplain administrator. If you do not know who your local floodplain administrator is, contact the New Mexico Floodplain Managers Association and they will help you identify your local official. Questions related to hazard mitigation grants, the National Flood Insurance Program, or other state or regional natural disaster information can be obtained from the New Mexico Department of Homeland Security and Emergency Management. New Mexico is part of FEMA Region VI. The region provides information related to the Community Rating System, the National Flood Insurance Program, and Flood Insurance Rate Maps. Long term plans for flood risk reduction in New Mexico are coordinated through a partnership with federal, local, and state agencies through the US Army Corp of Engineers' Silver Jackets Program. The geospatial data and maps presented in this desk reference as well as the interactive maps online were collected and created by the Earth Data Analysis Center at the University of New Mexico as part of the FEMA Cooperating Technical Partners program and funded by the FEMA Risk Mapping, Assessment, and Planning Program.

## Contact Information and Websites

New Mexico Floodplain Managers Association  
<http://www.nmfma.org/>  
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New Mexico State Forest, New Mexico Energy, Minerals and Natural Resources Department  
Susan Rich, Forest and Watershed Health Coordinator, [Susan.Rich@state.nm.us](mailto:Susan.Rich@state.nm.us)

New Mexico Department of Homeland Security and Emergency Management  
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## New Mexico Overview

Flood risk data collection and flood risk analysis are conducted at a watershed level in New Mexico rather than political or administrative boundaries such as counties. Changes to upstream sections of a watershed influence the people, businesses, and essential facilities located downstream regardless if they are in the same county or state. The recent Gold King Mine spill near Silverton, Colorado is unfortunately a perfect example of this. Despite the spill happening in Colorado, communities along the Animas and San Juan Rivers in Northwestern New Mexico were affected. Watersheds come in various sizes depending on their drainage area and are organized into a hierarchical system by the US Geologic Survey. In this report, the generic term watershed equates to the USGS Hydrologic Unit Code 8 (HUC-8) Subbasin category (Table 1). Watersheds become smaller as the HUC number increases. Watershed data is available from the USGS National Hydrography Dataset.

**USGS Hydrologic Unit Codes**

Name	Level	Digits
<b>Region</b>	1	2
<b>Subregion</b>	2	4
<b>Basin</b>	3	6
<b>Subbasin</b>	4	8
<b>Watershed</b>	5	10
<b>Subwatershed</b>	6	12

Table 1 – USGS Hydrologic Unit Codes.

New Mexico is comprised of part or all of 85 different HUC-8 watersheds (Figure 1). Of the 85 HUC-8 watersheds that intersect New Mexico, 33 are completely within the state and 52 are partially in the state. Of those that are only partially within New Mexico, 5 have very little (less than 10 square miles) of their area within the state. Within New Mexico, the watersheds cover areas from less than 1 square mile to nearly 6,600 square miles.

Figure 1 – This map shows the 85 different HUC-8 watersheds in New Mexico.

The needs of the communities within each of New Mexico's watersheds varies greatly in terms of flood and wildfire risk data and risk analysis as a result of New Mexico's varied topography, climate, and population (Figure 2). With elevations ranging from 2,800 feet to more than 13,000 feet, watersheds can have significant topographic relief. The flood and wildfire risk needs of mountain towns can be significantly different from those in the Eastern Plains. Changes in latitude and elevation also have a significant impact on New Mexico's climate. For instance, parts of New Mexico may receive more than 20" of rain in a year while others will receive less than 10". For areas that normally receive lower rainfall amounts, summer monsoon events can result in serious flooding. Climate and elevation combine to affect vegetation patterns across the state. Parts of New Mexico fall within the Chihuahuan Desert consisting of yucca, creosote, and mesquite while other areas fall within the Sangre de Cristo Mountains with oak, aspen, and spruce. If forest vegetation is destroyed due to wildfires, monsoon rain events falling on those burn scars can cause catastrophic damage downstream. Within New Mexico's watersheds the population can vary from fewer than 50 people to more than 800,000. While more people increase the need to develop in at-risk areas of a watershed, they also provide more resources that can support dedicated floodplain management staff and the acquisition and production of flood risk data and analysis.

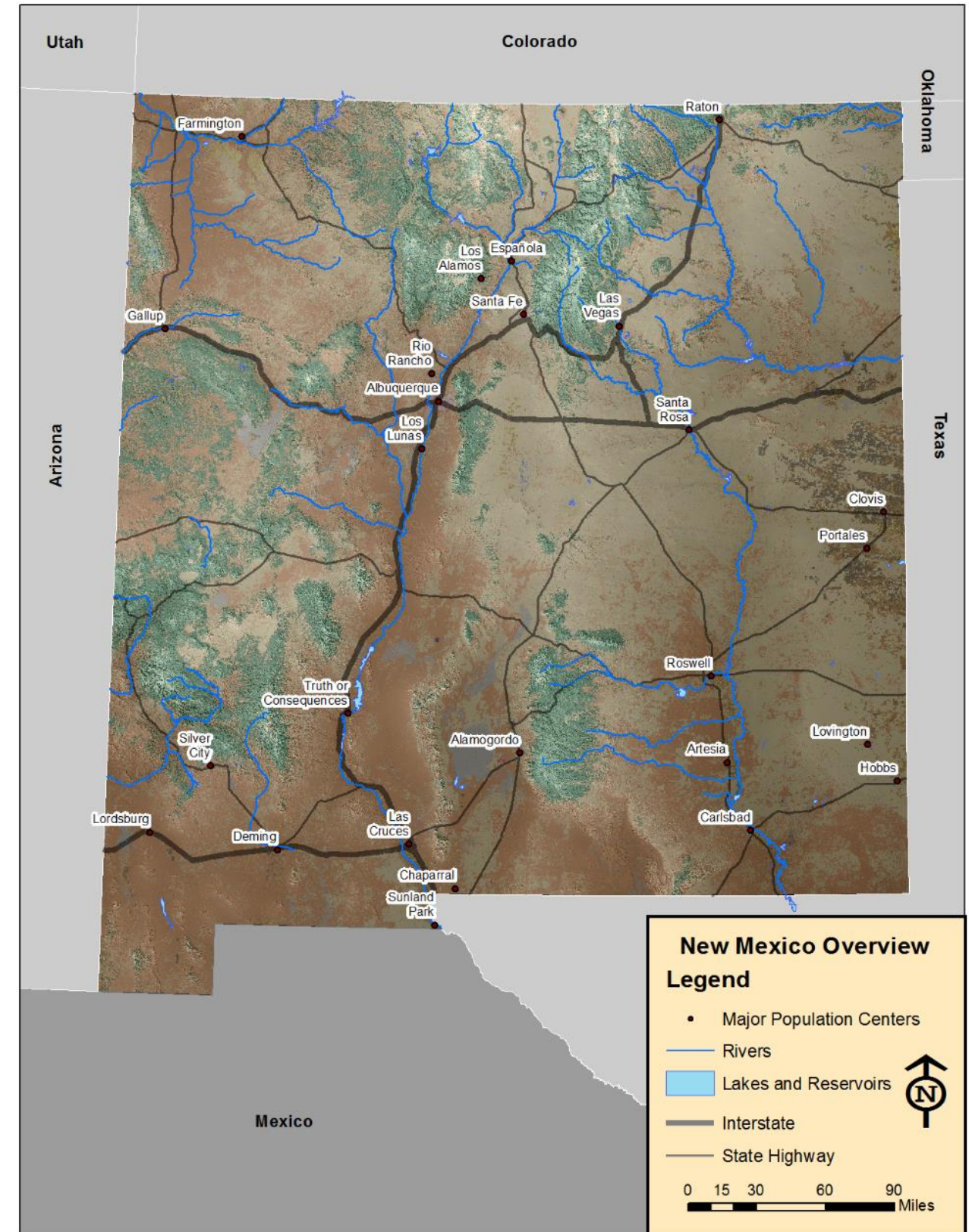


Figure 2 – The locations of major population centers in New Mexico projected on a landcover basemap of New Mexico.

## Wildfire Risk Criteria

The criteria used to prioritize watersheds within New Mexico were designed to be as objective and repeatable as possible while including factors that meet the needs of communities within the State and increasing the likelihood to receive federal funding. This methodology replicates the methodology used by the State of Idaho in their Wildfire Risk Portfolio. These criteria include:

- Watershed Population
- Structures in the Wildland Urban Interface
- Wildfire Risk Score

### Watershed Population

Watershed population was assigned a ranking value from 1 to 85 with the watershed with the largest population being assigned the rank of 85. The Rio Grande-Albuquerque watershed has the highest population and the Cloverdale watershed has the lowest population with 35 inhabitants within the watershed boundaries. See Figure 3.

### Structures in the Wildland Urban Interface

The Wildland Urban Interface (WUI) data was obtained from the SILVAS lab at the University of Wisconsin, Madison. The SILVAS lab map two types of WUI: intermix and interface. Intermix WUI are areas where housing and vegetation intermingle; interface WUI are areas with housing in the vicinity of contiguous wildland vegetation. The individual watershed map reports structures within each type to provide more refined information about the of nature of the Wildland Urban Interface. The structure information was obtained from the New Mexico Department of Finance and Administration’s E-911 program. This is the best available data set for the location of structures in New Mexico. The data represents addressed structures reported by local governments to the New Mexico E-911 program. One deficit of this data set is that there is no structure information for the tribal lands within New Mexico. The number of structures in the WUI in each watershed was used to rank the watersheds. See Figure 5 for the Wildland Urban Interface.

### Wildfire Risk Score

The Wildfire Hazard Potential (WHP) data created by the Fire Modeling Institute, USDA Forest Service, Rocky Mountain Research Station and Fire and Aviation Management was used to calculate the wildfire risk score. This data set was created in 2014 and is the most recent statewide evaluation of wildfire risk for New Mexico. The state is characterized in seven categories including areas of very low, low, moderate, high, very high, non-burnable and water in the WHP data. The area of each category was calculated for each watershed, the high and very high areas were combined as they represent the area of greatest wildfire risk and weighted according to their relative contribution to wildfire risk. Figure 5 shows the Wildfire Hazard Potential for New Mexico.

## Methodology

The overall Wildfire Risk Score was generated using the following calculation:

$$Risk\ Score = C(P_s + W_w) * H(R_w)$$

$P_w$  = Weighted Population score

$W_w$  = Weighted Structures in WUI score

$R_w$  = Weighted Overall Wildfire Risk Score

### Highest Risk Watersheds

Utilizing the criteria and methods listed above, the most at-risk watersheds were identified within New Mexico. The watersheds were then classified into high, medium and low risk with the top 25 watersheds having the highest risk, the next 25 having medium risk and the remaining 35 watersheds having low risk. The low category includes watersheds that have only a small portion within the state of New Mexico. Table 2 lists the most at-risk watersheds. Figure 6 illustrates the HUC -8 Watersheds Ranked by Wildfire Risk.

HUC-8	Name
13020101	Upper Rio Grande
13020201	Rio Grande-Santa Fe
13060008	Rio Hondo
13060007	Upper Pecos-Long Arroyo
11080006	Upper Canadian-Ute Reservoir
12080003	Monument-Seminole Draws
13030101	Caballo
15020004	Zuni
13060001	Pecos Headwaters
13020202	Jemez
13060010	Rio Peñasco
15040004	San Francisco

Table 2 – Highest risk watersheds (HUC-8) in New Mexico.



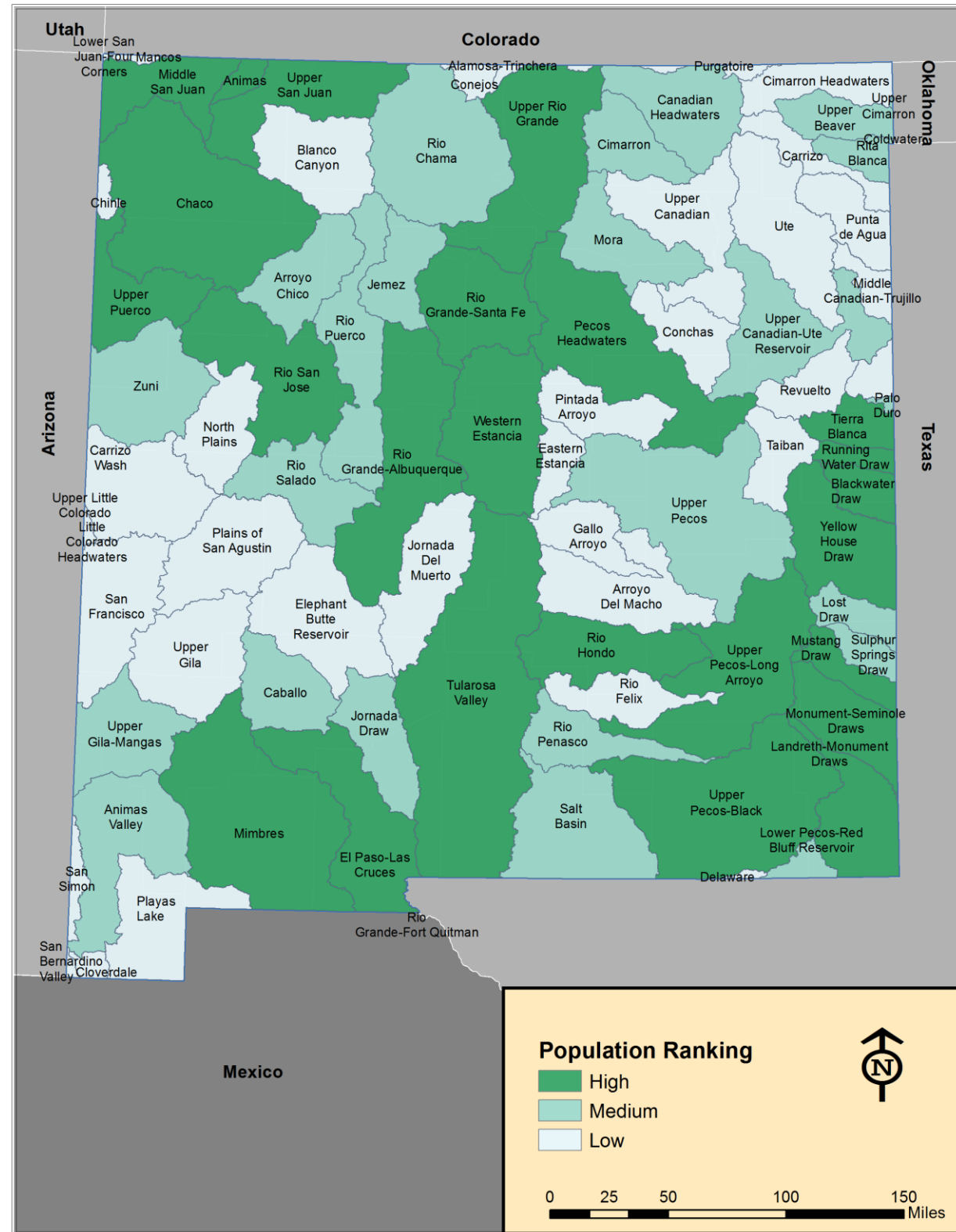


Figure 3 – Population Ranking.

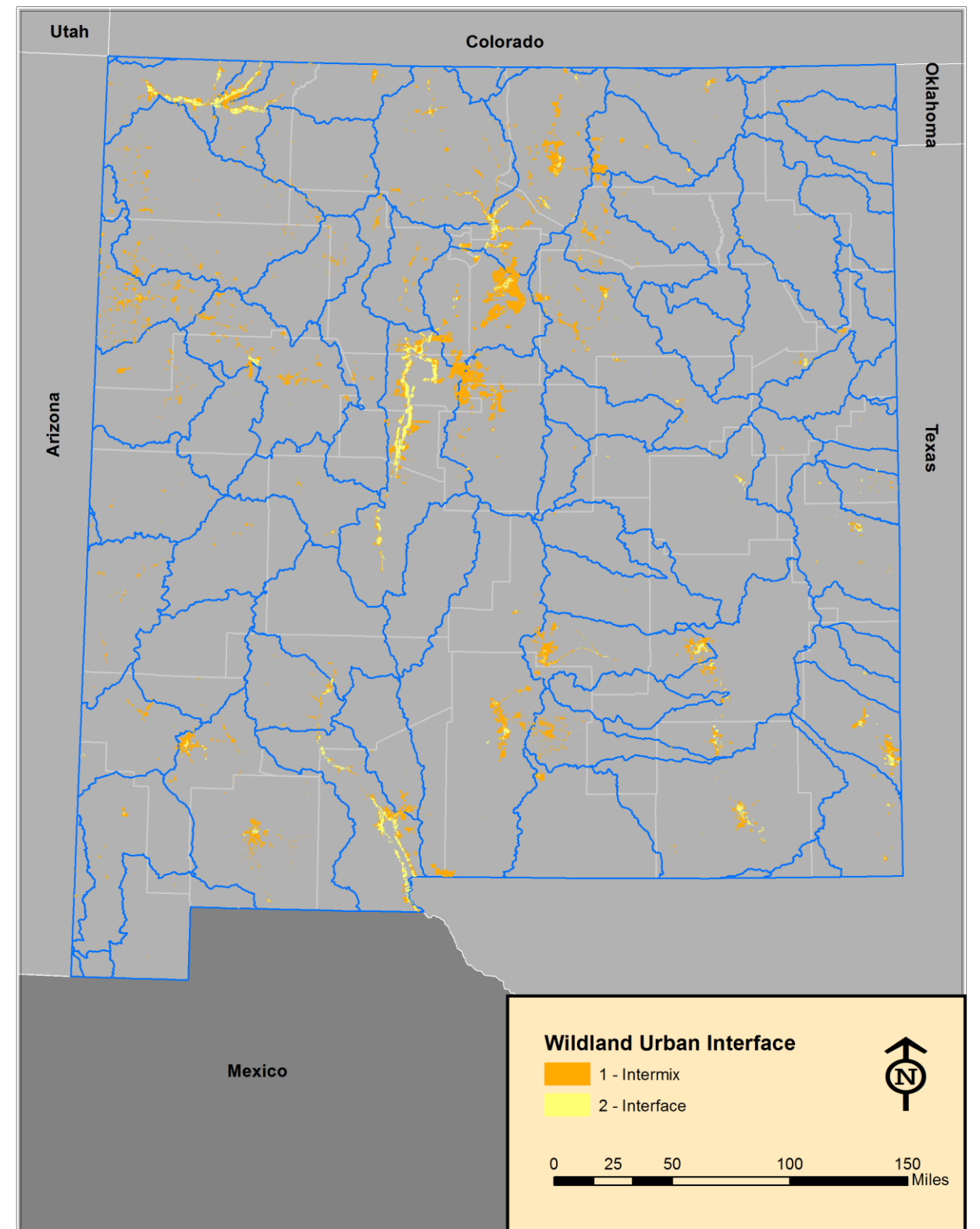


Figure 4 – Wildland Urban Interface in New Mexico.

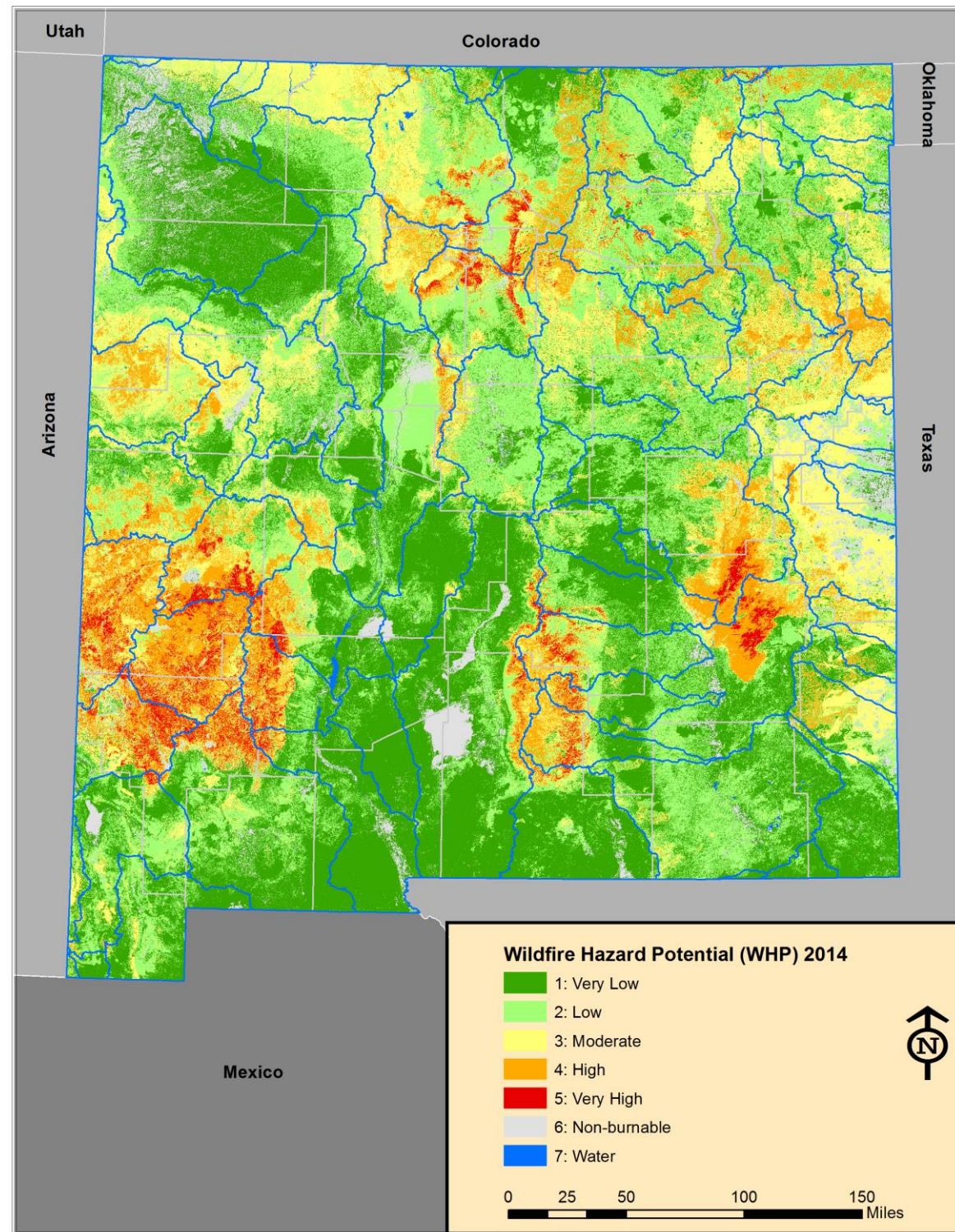


Figure 5 – The 2014 Wildfire Hazard Potential for New Mexico Fire Modeling Institute, USDA Forest Service, Rocky Mountain.

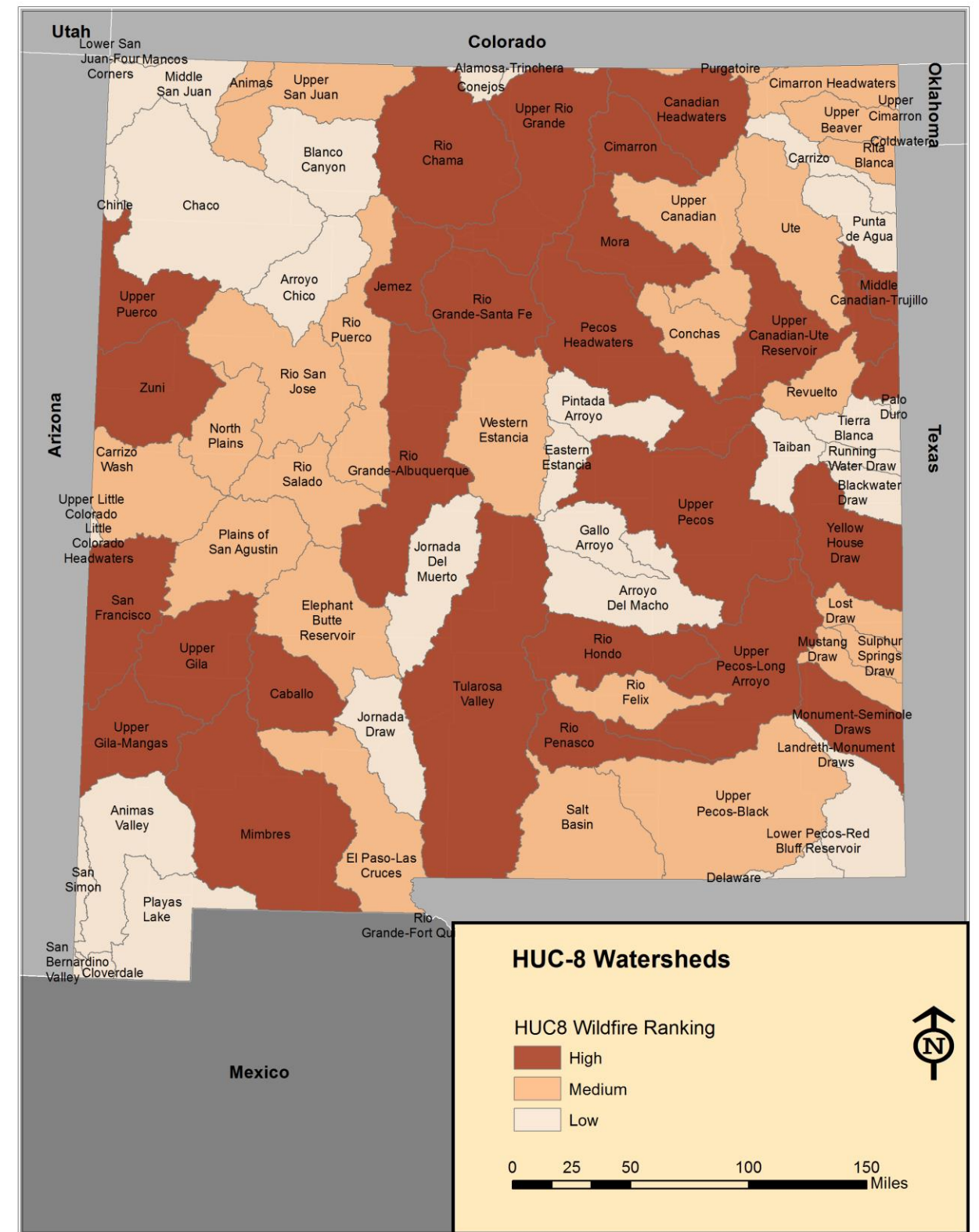


Figure 6 – HUC-8 Watersheds Ranked by Wildfire Risk.

## Wildfire MHRP Individual Watershed Page Glossary

The MHRP page for each watershed contains a summary of wildfire information for that area.

### Watershed Fire Risk

This table provides a breakdown of percentage of each wildfire hazard potential for the watershed.

### Watershed Characteristics

This table has the total numbers of wildfire occurring in the watershed over the past 10 years. This information was collected from the United States Forest Service wildfire database and the Geospatial Multi-Agency Coordination Center (GEOMAC) fire database. These wildfire databases do not include small fires that occurred on private land in New Mexico, they only have perimeters of wildfires on Federal land. The wildfire data is available at <http://rgis.unm.edu/>.

### Wildland Urban Interface

This table breaks down the percent and acres of the watershed by Interface and Intermix categories and lists the number of addressed structures within the Wildland Urban Interface. More information on the WUI data is available at <http://silvis.forest.wisc.edu/maps/wui> and the New Mexico data is available on <http://rgis.unm.edu/>.

### Communities at Risk from Wildland Fire

This table has the number of communities listed as at risk of wildland fire in local Community Wildland Program Plans and was published by the New Mexico State Forest in the 2015 New Mexico Communities at Risk Assessment Plan. See the report at <http://www.emnrd.state.nm.us/SFD/FireMgt/Fire.html>.

### Nature Conservancy HUC-12 At-Risk Watershed Rankings

The Nature Conservancy as part of the Rio Grande Water Fund (which is concerned with watershed health in New Mexico) conducted a statewide analysis of five contributing factors—fire threat, risk to water supplies, forest health decline, risk to fish and wildlife habitat, and economic opportunities to identify Watersheds at highest risk. The table lists the number of HUC-12 watersheds that were identified in this analysis as high and very high priority (See Figure 7). More information about the Rio Grande Water Fund and its projects and priorities is available at <http://www.nature.org/ourinitiatives/regions/northamerica/unitedstates/newmexico/new-mexico-rio-grande-water-fund.xml>

### Vegetation Treatments 2006-2016

The New Mexico Forest and Watershed Restoration Institute, Highlands University has been working to create a database of vegetation treatments across the state of New Mexico. This database contains completed and planned watershed treatments. The data is collected from NM State Forestry, United States Forest Service, Bureau of Land Management, the New Mexico State Land Office, National Resource Conservation Service, various tribal agencies, private individuals, and others. This project is on-going and projects will be added as information is collected and is not a database of all treatments. This field has number of acres treated from 2006 to 2016. The data is available from the All About Watersheds website at <http://allaboutwatersheds.org/>.

### Lidar Data Availability

This field lists any lidar data available for the watershed.

## Debris Flow Modeling

The United States Geologic Survey has been modeling post-wildfire debris flow potential across the state of New Mexico. This field lists any modeling done in the individual watershed along with a reference to the study. See Figure 8 – Debris Flow Modeling in New Mexico.

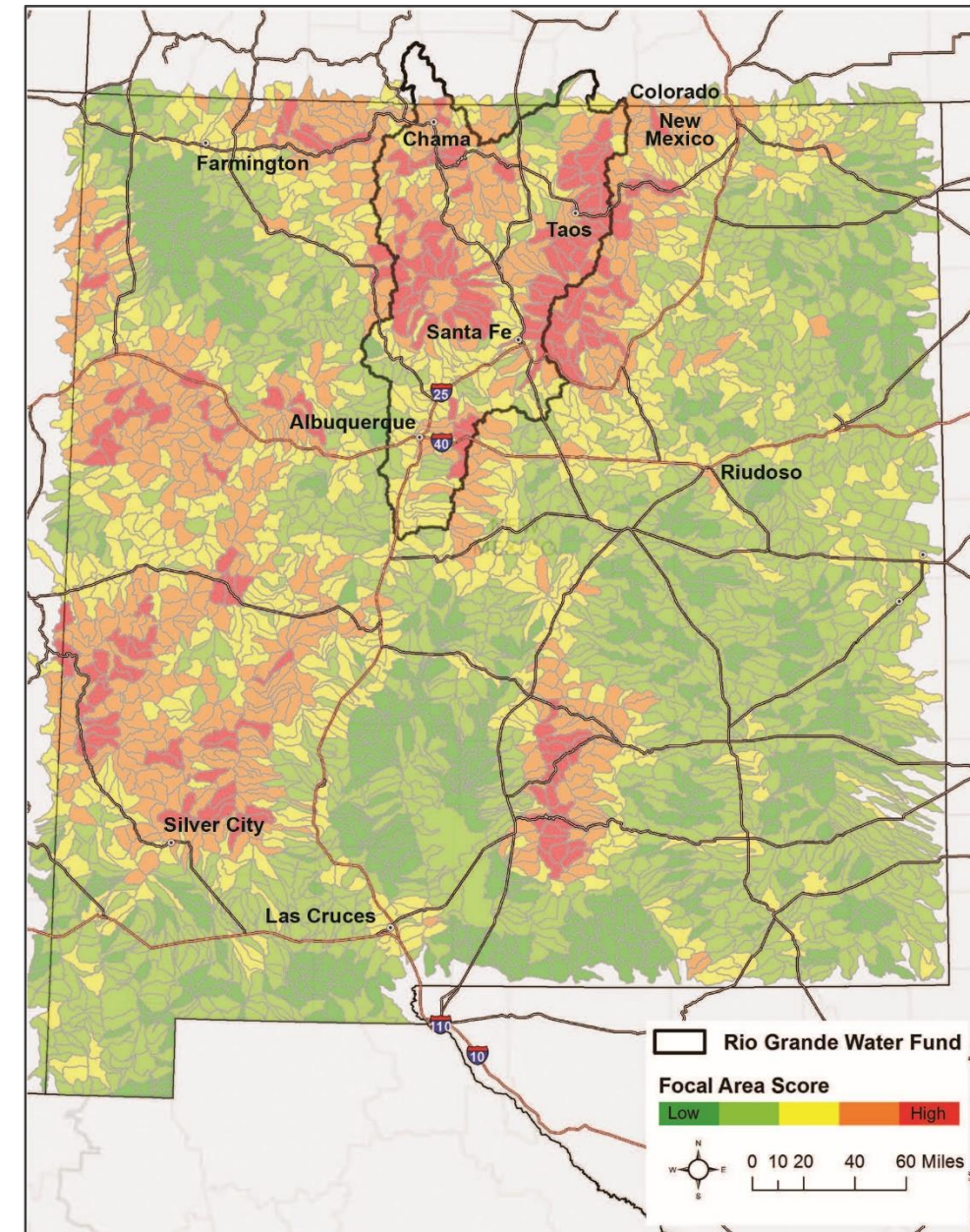


Figure 7 – The Rio Grande Water Fund most at-risk watersheds in New Mexico (Rio Grande Water Fund Comprehensive Plan 2014, Updated 2015).

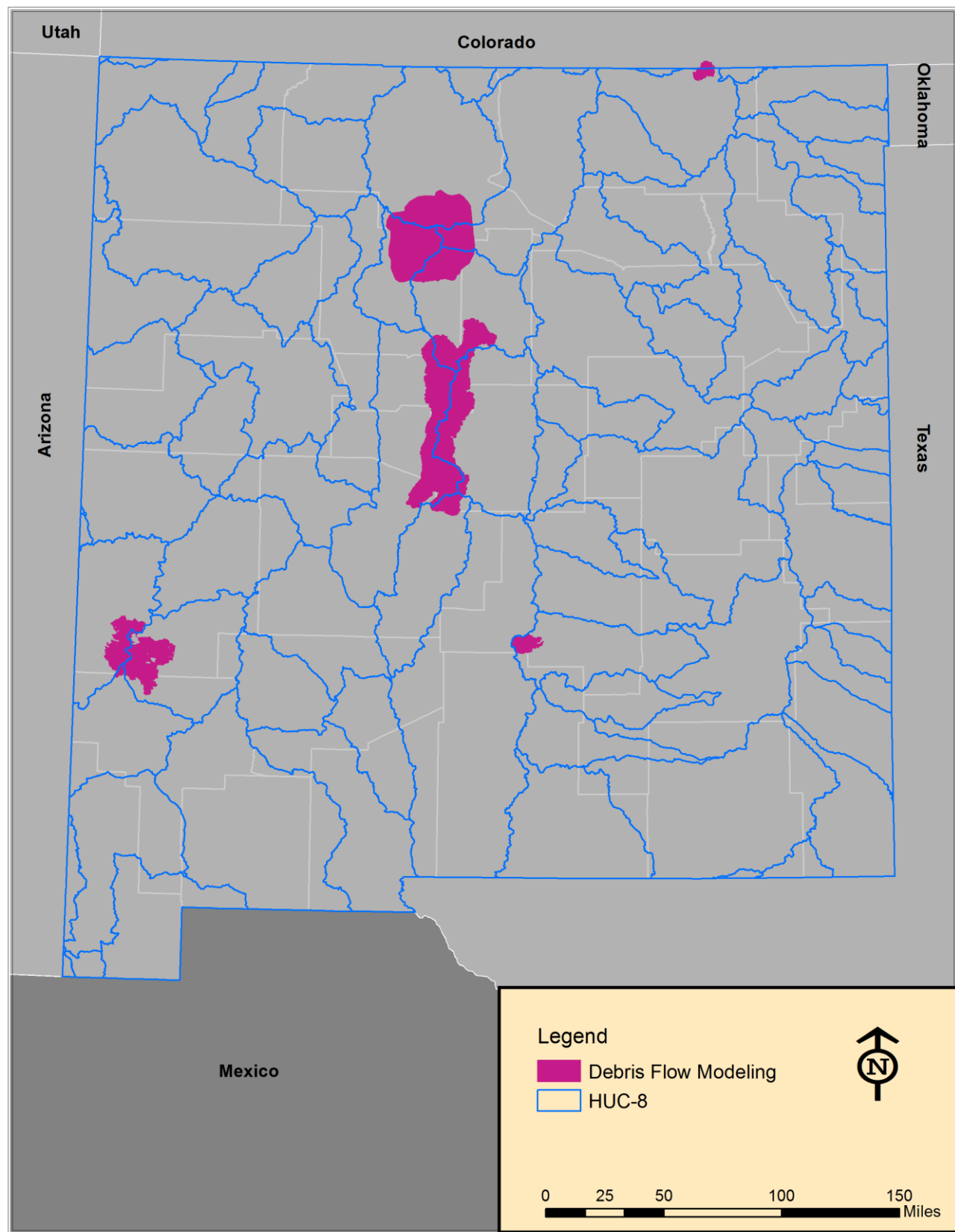


Figure 8 – Debris Flow Modeling in New Mexico.

### Interactive Maps and Data

An interactive map with watershed aggregated data is available online at <http://arcg.is/1NKif1U>.

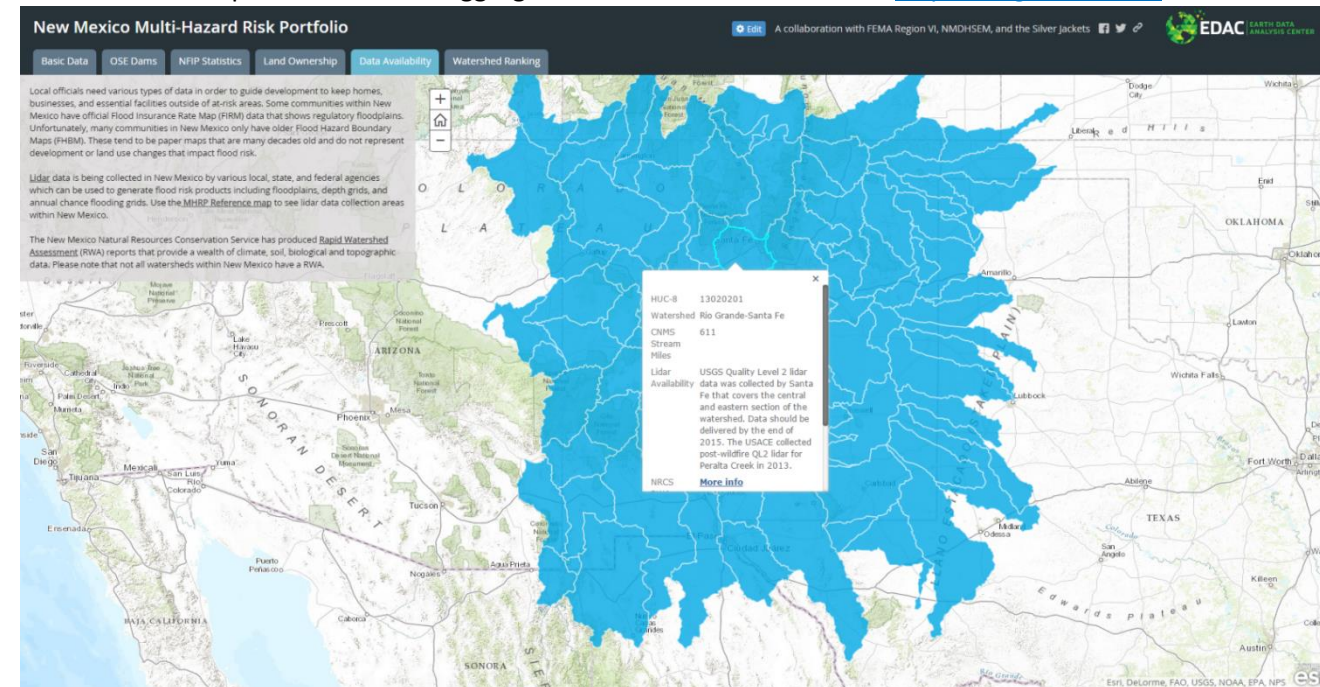
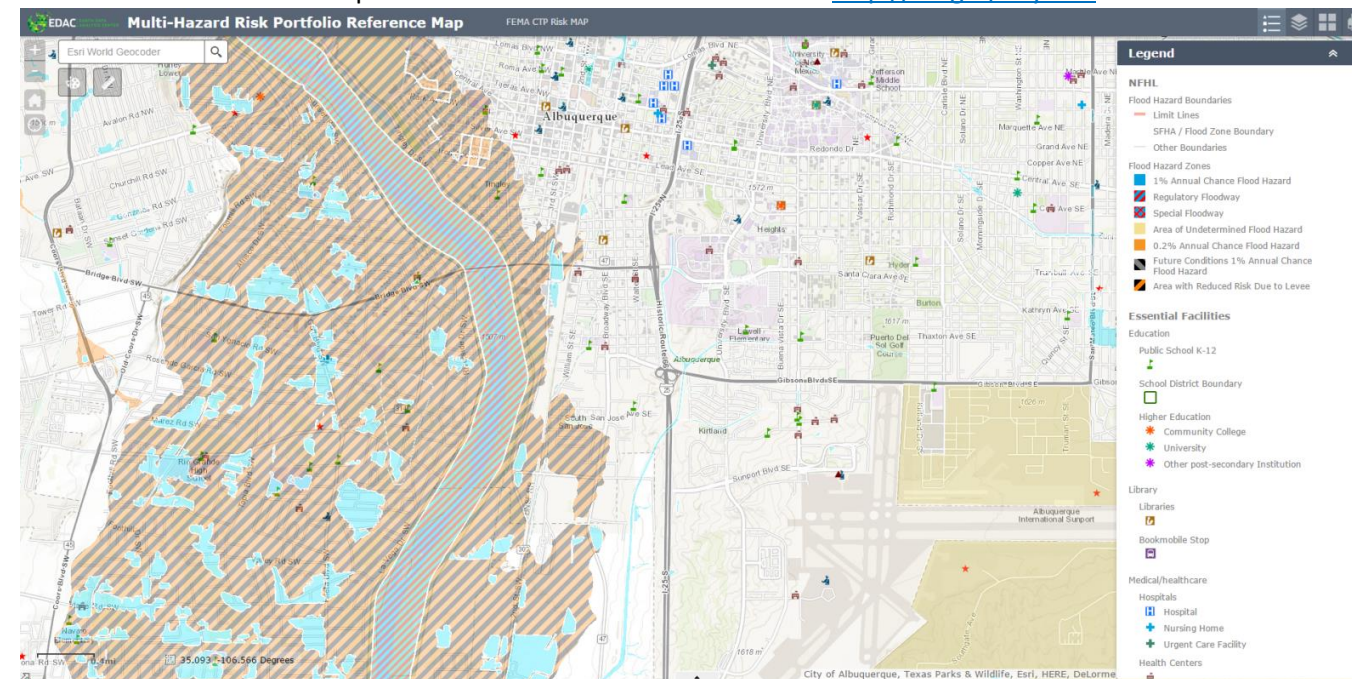


Figure 9 – MHRP Storymap

There is also a reference map with detailed information available at <http://arcg.is/1KylcAE>.



Data used to create these maps is available from the RGIS Geospatial Clearinghouse at <http://rgis.unm.edu/>.

Figure 10 – Interactive Web-map of MHRP data.

## Flood Update

In 2015 the final two counties with preliminary DFIRM maps, Dona Ana and Socorro, became final. Figure 11 below shows the updated map of FEMA floodplain mapping. Watersheds with fewer people are less likely to have FEMA designated floodplains (Flood Insurance Rate Map (FIRM) data) which help guide development in and around the floodplain and utilize advanced geospatial technology. Counties with fewer people are more likely to have FEMA Flood Hazard Boundary Maps (FHBM) which were created without hydrologic and hydraulic modeling. These maps are often decades old and do not reflect changes in development or risk within a community. In some cases, the FHBM data only covers a small percentage of a county. Some counties in New Mexico lack both FIRM and FHBM data. See Figure 12.

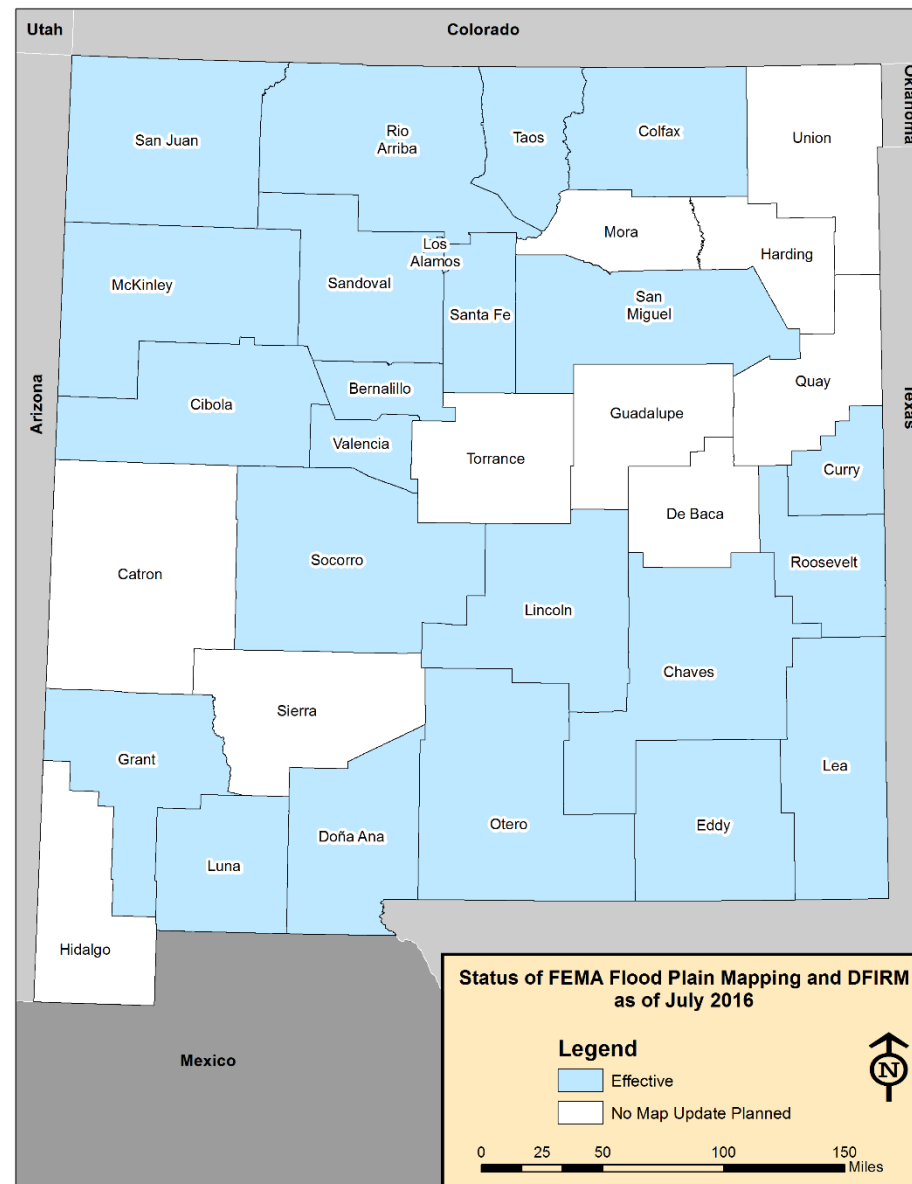


Figure 11 – DFIRM Status in each of the counties in New Mexico.

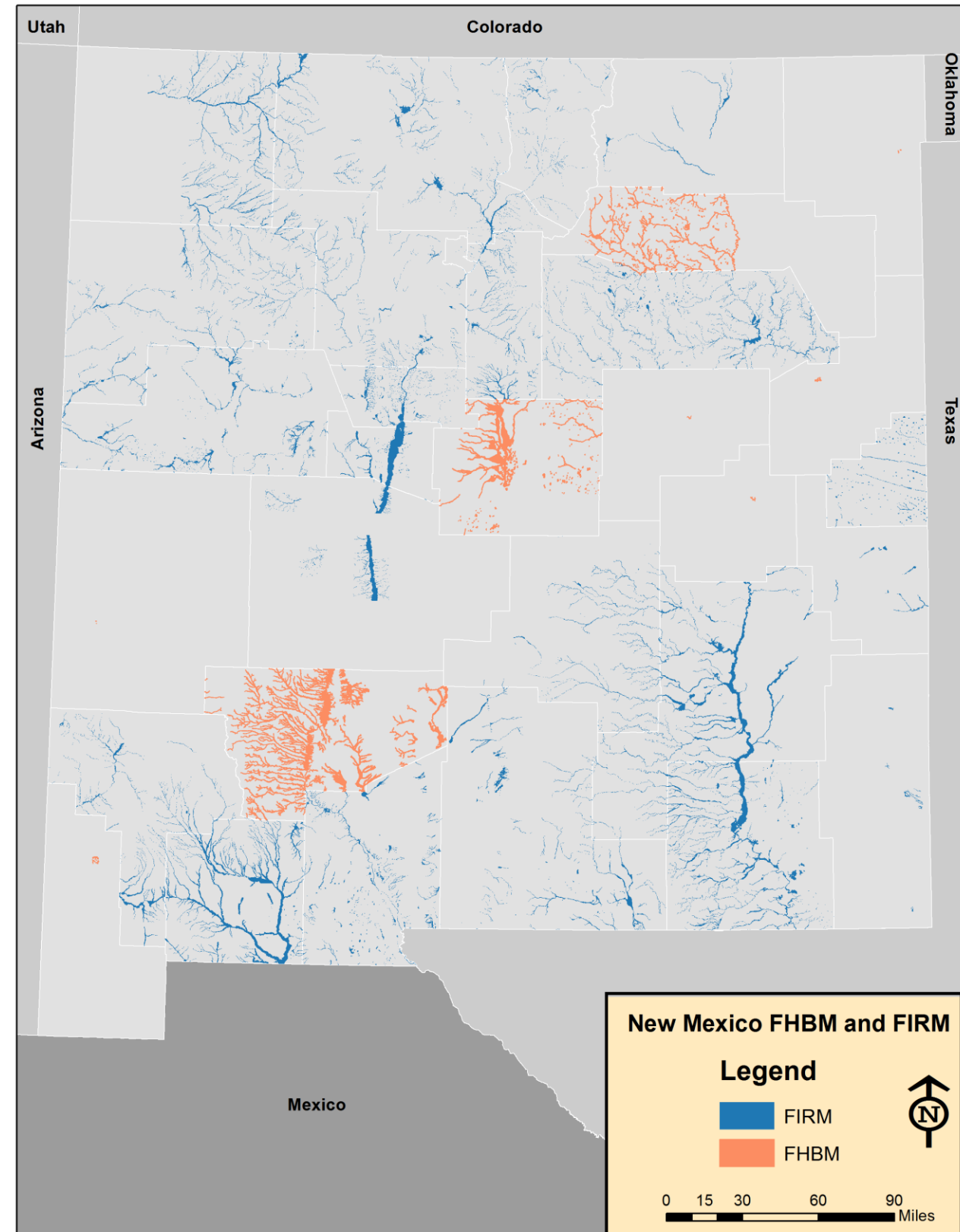


Figure 12 – The extent of FIRM and FHBM data in New Mexico.

## Lidar Update

The latest resource which is being utilized to collect prerequisite data to conduct flood risk analysis is lidar. For large area lidar acquisitions, such as those used to develop flood risk data, lidar consists of a laser that emits pulses of light, sensors that calculate how long it takes for those pulses of light to bounce off of a surface and return to the sensor, and navigation equipment such as GPS and an Inertial Measurement Unit (IMU). All of these objects are attached to an airborne platform such as an airplane. Using GPS and the IMU, the plane calculates its location. Simultaneously, the sensors determine the distance from the plane to the ground using the time it takes for the laser to leave the sensor and bounce back. This information is combined to create a highly detailed model of the earth's surface known as a digital elevation model (DEM). The DEM is incorporated into hydrologic and hydraulic modeling software to improve the accuracy of flood risk products and analysis. Lidar data is typically at least an order of magnitude greater in terms of spatial and vertical accuracy and replaces the USGS 10 meter DEMs that were a source of problems in past mapping and analysis efforts. New Mexico has formed a [3D Elevation Program Subcommittee](#) to plan the acquisition of lidar for the State and has succeeded in collecting data for the Rio Hondo, Animas, and Upper Rio Grande Watersheds and Curry, Roosevelt, and Santa Fe Counties and additional watersheds and areas are scheduled for collection in FY2016 (Figure 13 – Lidar Extent in New Mexico).

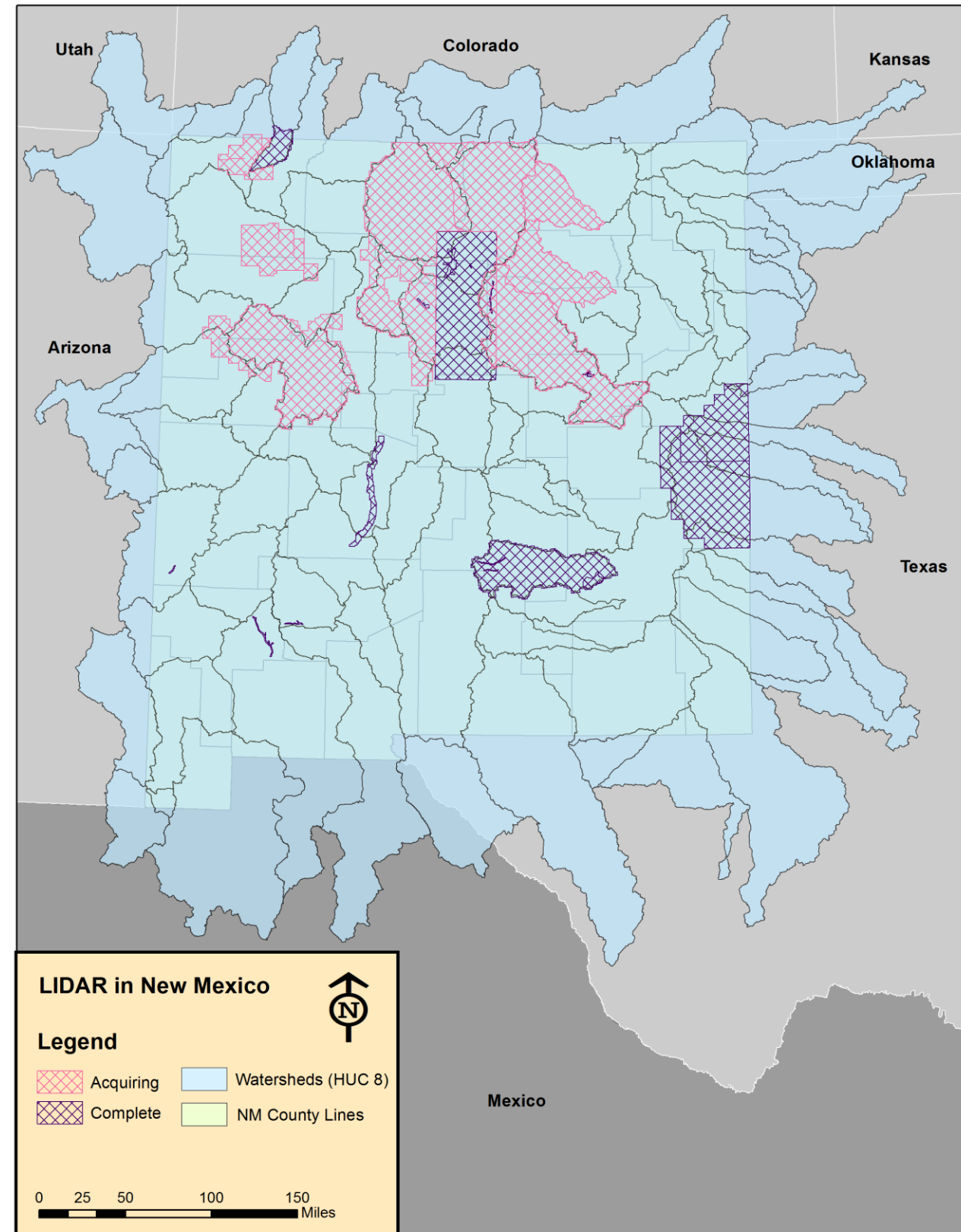
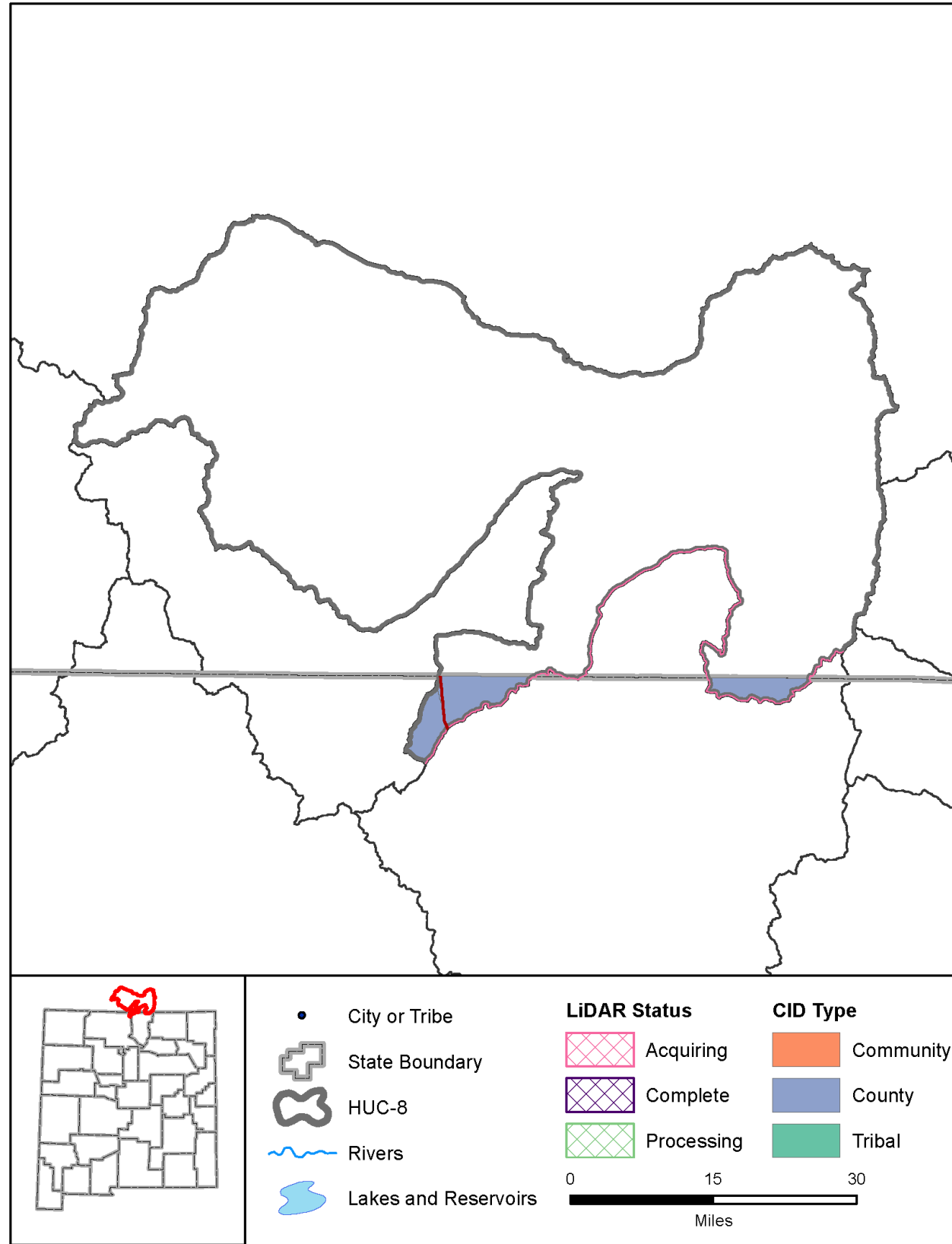


Figure 13 – Lidar Extent in New Mexico.

## Alamosa-Trinchera



### Description

The Alamosa-Trinchera watershed is home to approximately 1,000 people along the northern border of New Mexico. The watershed has significant topographic relief from the San Juan and Sangre de Cristo Mountains. Vega Creek, Jarocito Creek, and Ventero Creek are the major hydrologic features. FIRM data is limited within the watershed. No lidar data is available. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Colorado.

### Lidar Data Availability

No significant lidar available.

### Counties

Rio Arriba, Taos

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 13010002

#### Watershed Characteristics

Area (sq mi)	2,538
Population in NM	906
CNMS Streams (mi)	16
Maximum Elevation (feet)	12,885
Minimum Elevation (feet)	7,569
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	2.87 %
Private	29.95 %
State	6.71 %
Tribal	0 %
Federal	63.23 %
States	CO, NM

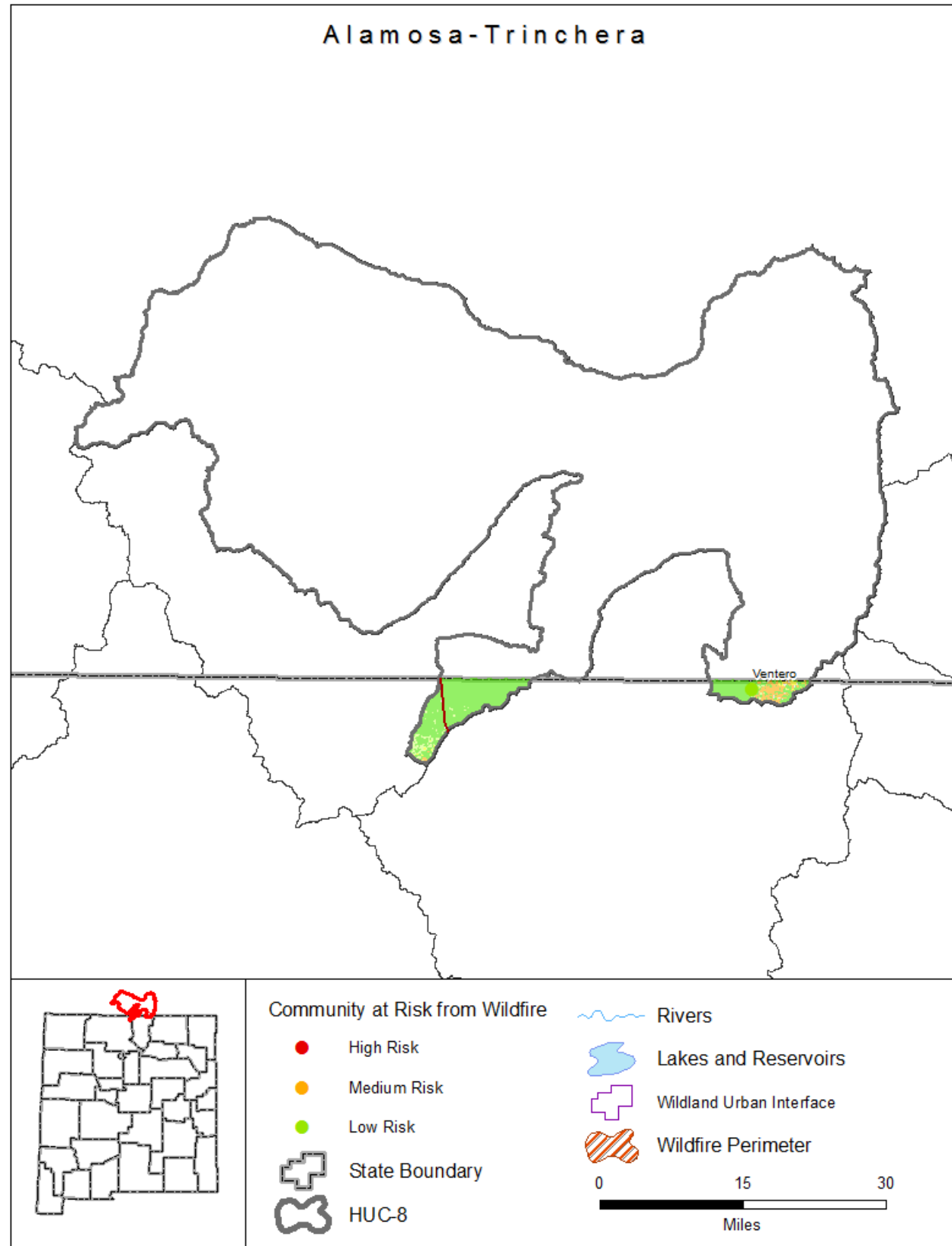
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	2
NFIP Communities	2
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Alamosa-Trinchera



**Risk Rank:** Low

**Description**

The Alamosa-Trinchera watershed is at low risk of wildfire. No communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**

A collection of federal agencies anticipates collecting USGS QL2 lidar for the New Mexico portion of the watershed in FY 2017.

**Counties**

Rio Arriba, Taos

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 13010002**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	83%
Low	6%
Moderate	2%
High	8%
Very High	0%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	0
Acres Burned 2006-2016	0

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
Acres	
Interface	0
Intermix	0
WUI Addressed Structures	0

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	1

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

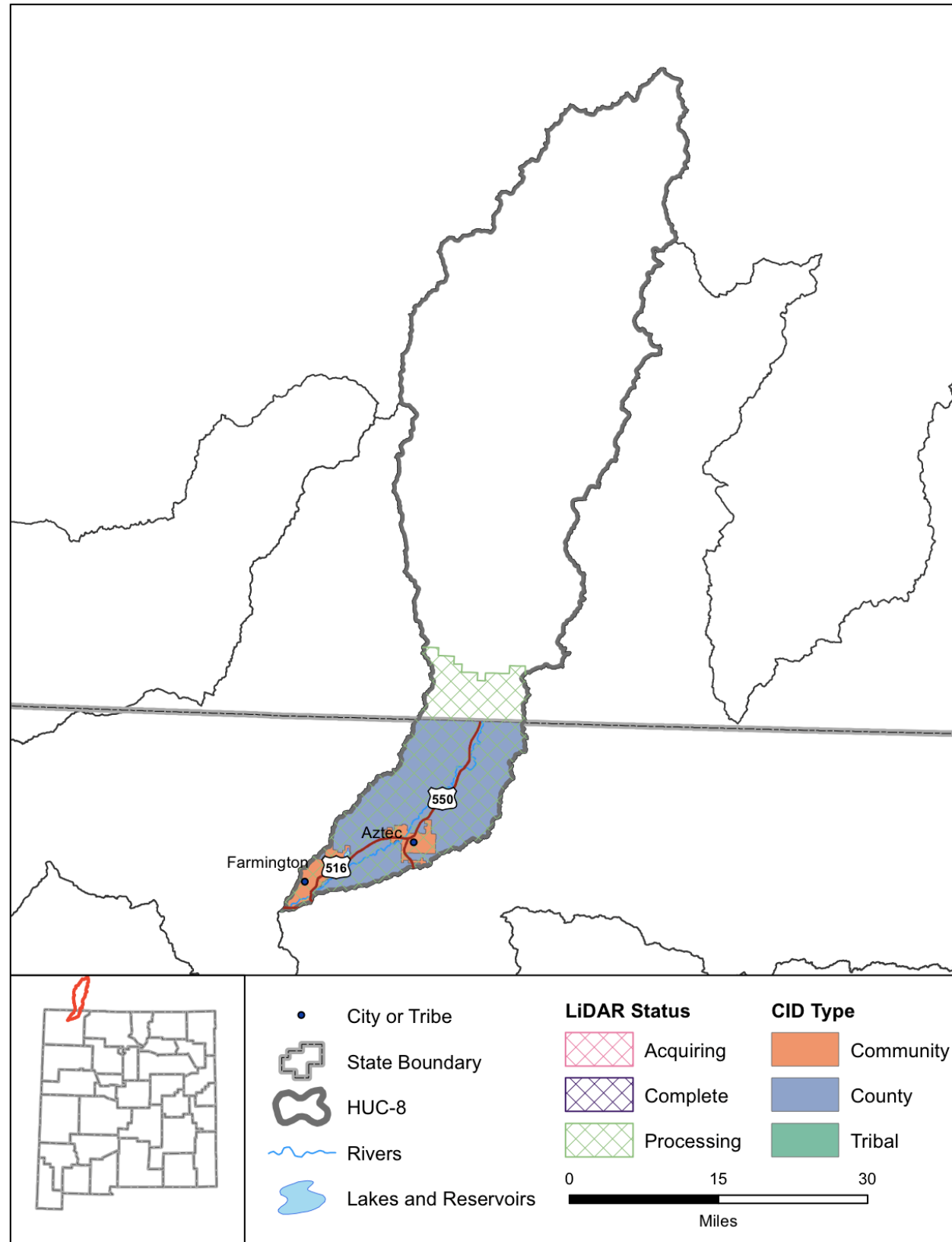
High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Animas



### Description

The Animas watershed is home to approximately 38,000 people in New Mexico and is located on the northern border of the state. Approximately 17% of the watershed is located in New Mexico. The watershed is part of the San Juan mountains. The Animas River is the primary hydrologic feature with smaller intermittent tributaries. FIRM data is fairly extensive within the watershed and lidar data will be available in 2015. The Risk MAP program will be started in 2015 for the watershed.

### Lidar Data Availability

USGS Quality Level 2 lidar data was collected in the fall of 2014 for the entire New Mexico portion of the watershed with an expected delivery in fall or 2015.

### Counties

San Juan

### Communities

Aztec, Farmington

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 14080104

#### Watershed Characteristics

Area (sq mi)	1,371
Population in NM	38,156
CNMS Streams (mi)	117
Maximum Elevation (feet)	7,227
Minimum Elevation (feet)	5,250
High Hazard Potential Dams	0
Significant Hazard Potential Dams	1
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	16.45 %
Private	40.7 %
State	7.87 %
Tribal	0 %
Federal	51.37 %
States	CO, NM

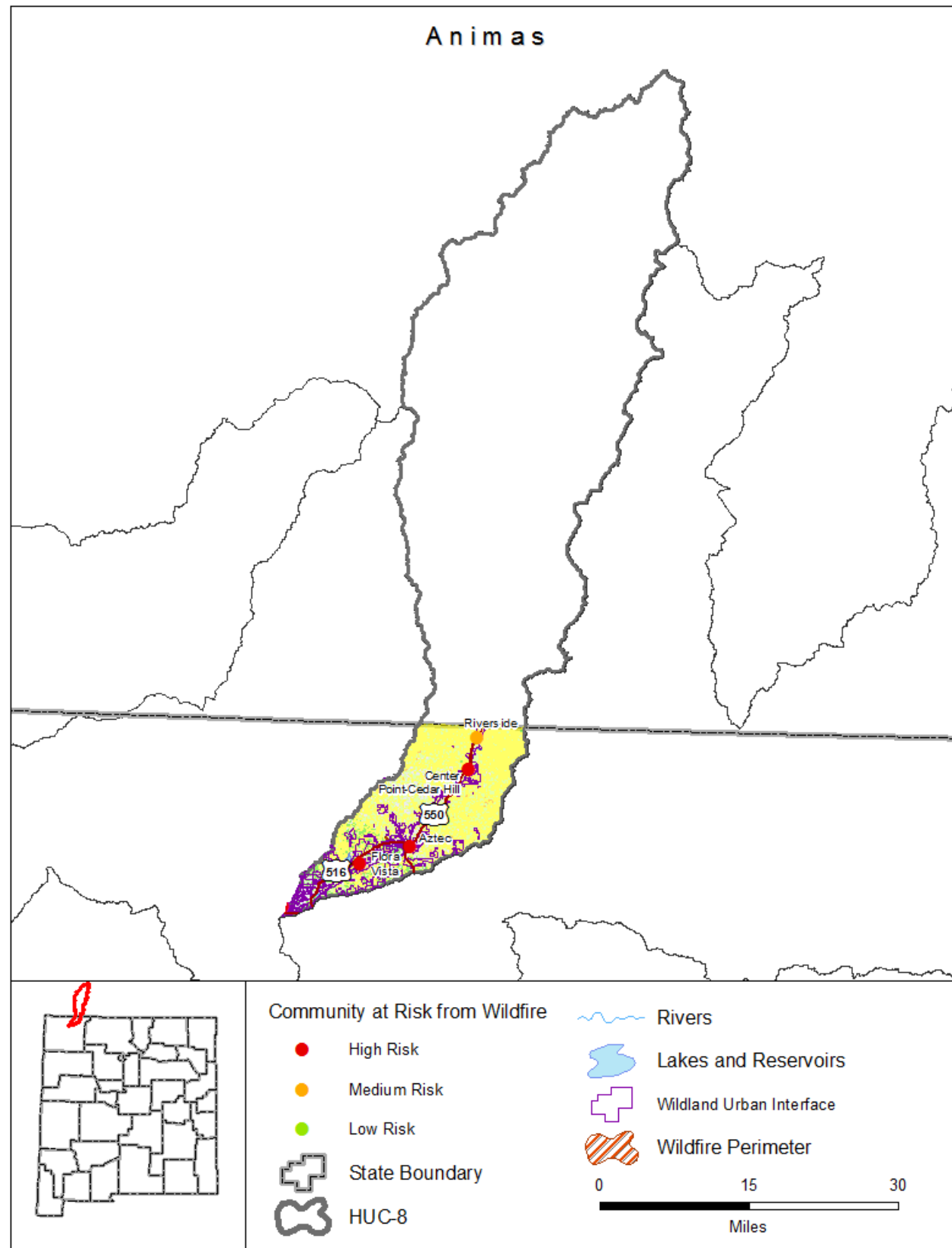
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	3
NFIP Communities	3
NFIP Policies	171
Policies within the SFHA	88
Policies outside of the SFHA	83
NFIP Premium Total	\$ 166,595
NFIP Claims	21
Claims within the SFHA	12
Claims outside of the SFHA	9
Paid Claims	\$ 272,308
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Animas



**Risk Rank: Medium**

### Description

The Animas watershed is at medium risk of wildfire, although the local Community Wildfire Protection Plan identified a total of 4 communities at risk. The communities of Aztec, Center Point-Cedar Hill, Flora Vista were identified as high risk. The Risk MAP program conducted Discovery for the watershed in July of 2016.

### Lidar Data Availability

USGS Quality Level 2 lidar data was collected in the fall of 2014 by FEMA.

### Counties

San Juan

### Communities

Aztec, Farmington

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

Aztec, Center Point-Cedar Hill, Flora Vista

### Watershed 14080104

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	8%
Low	23%
Moderate	57%
High	1%
Very High	0%
Non-Burnable	11%
Water	1%

#### Watershed Characteristics

Wildfires 2006-2016	1
Acres Burned 2006-2016	17

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	11.1%
Intermix	14.73%
Acres	
Interface	16,026
Intermix	21,274
WUI Addressed Structures	281

#### Communities at Risk from Wildland Fire

High Risk	3
Medium Risk	1
Low Risk	0

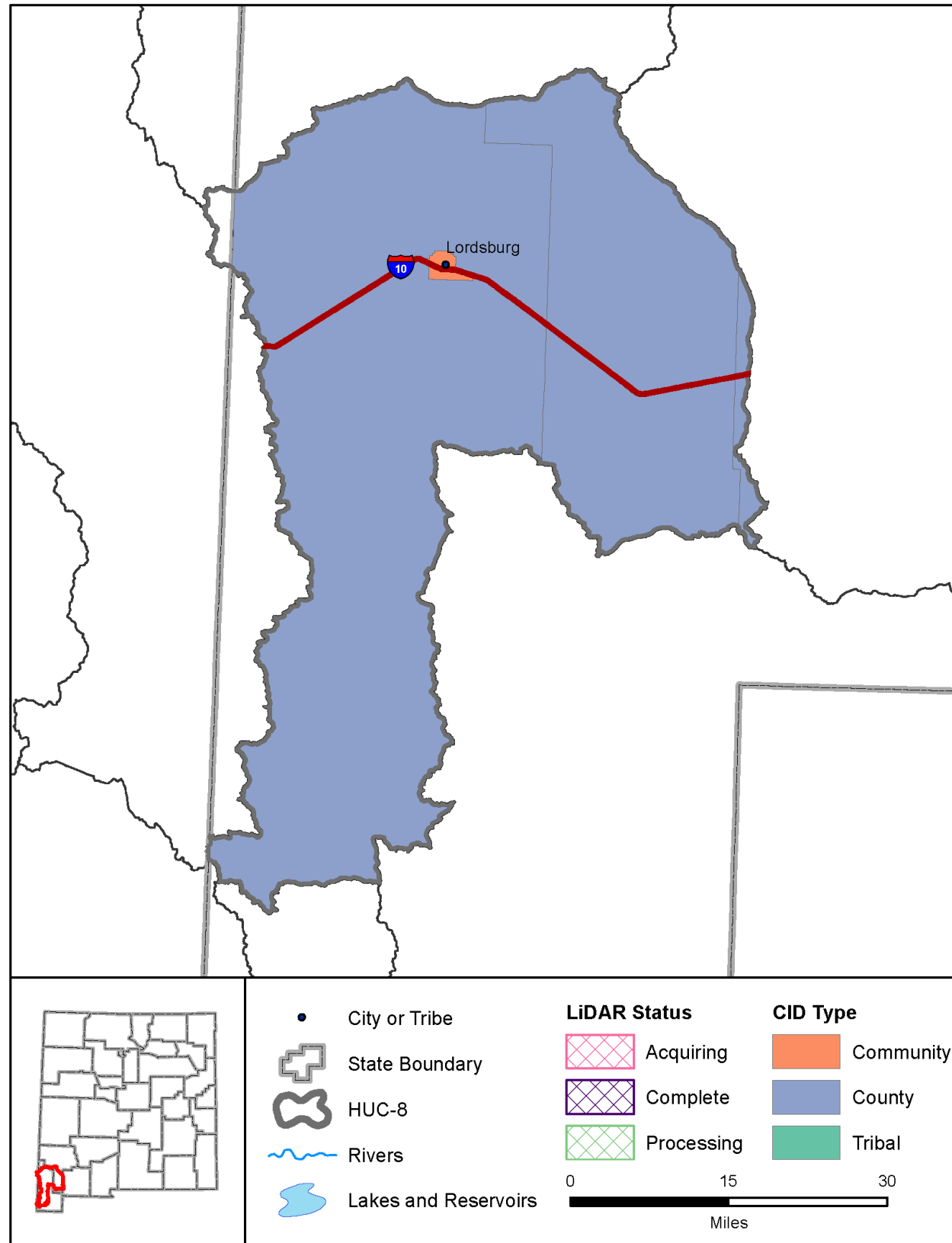
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	4
Very High Priority	0

#### Vegetation Treatments 2006-2016

Acres Treated	1,280
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## Animas Valley



### Description

The Animas Valley watershed is home to approximately 5,000 people and is located in southwestern New Mexico. The major topographic feature is the Animas Valley with small intermittent streams. There is limited FIRM data within the watershed and no lidar data. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Grant, Hidalgo, Luna

### Communities

Lordsburg

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066032.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066032.pdf)

### Watershed 15040003

#### Watershed Characteristics

Area (sq mi)	2,269
Population in NM	5,222
CNMS Streams (mi)	288
Maximum Elevation (feet)	8,581
Minimum Elevation (feet)	4,135
High Hazard Potential Dams	0
Significant Hazard Potential Dams	3
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	99.23 %
Private	33.02 %
State	28.06 %
Tribal	0 %
Federal	38.92 %
States	NM, AZ

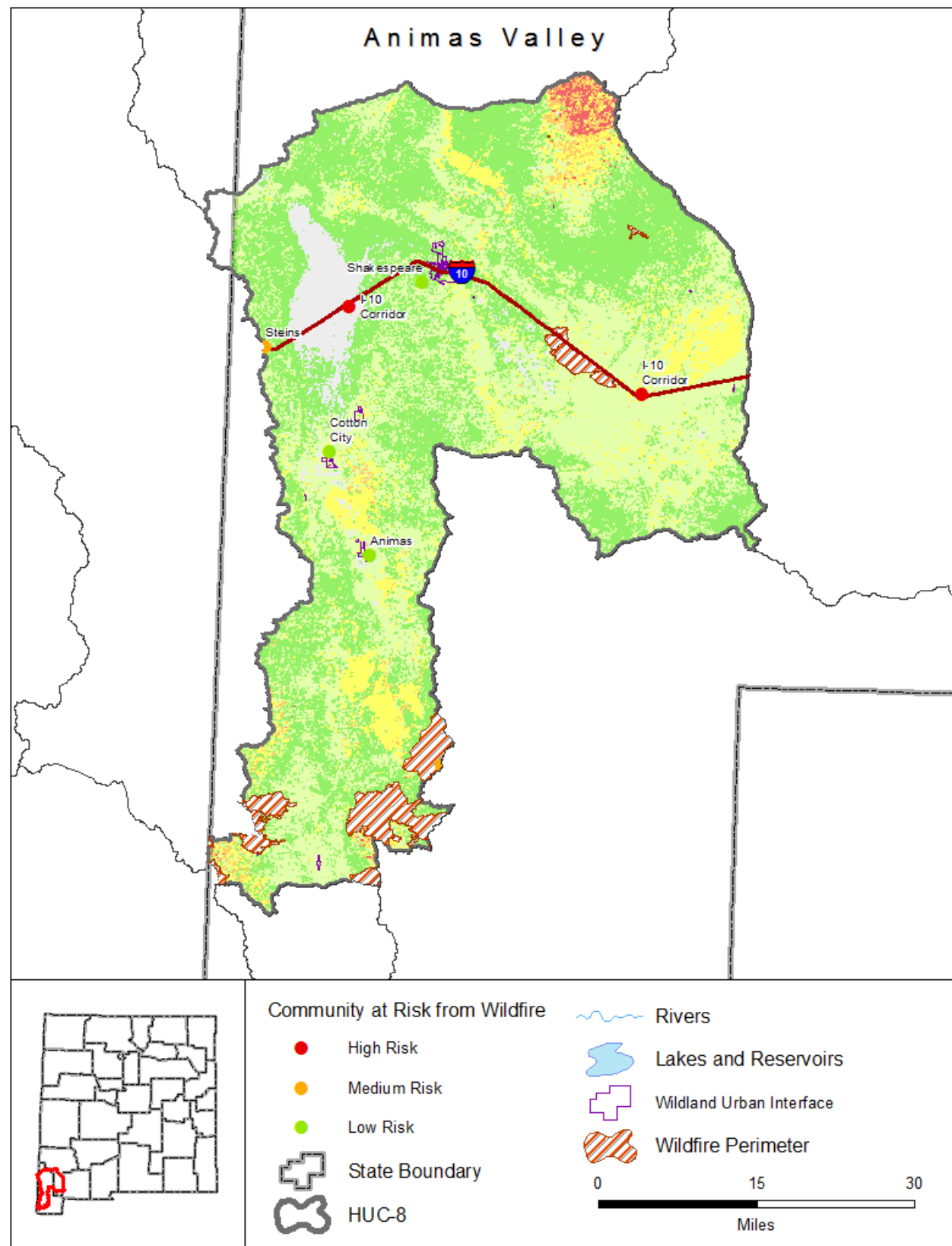
#### Flood Maps

DFIRM Available	Yes
FHBM Available	Yes

#### NFIP Statistics

CID Communities	4
NFIP Communities	4
NFIP Policies	6
Policies within the SFHA	5
Policies outside of the SFHA	1
NFIP Premium Total	\$ 2,416
NFIP Claims	3
Claims within the SFHA	2
Claims outside of the SFHA	1
Paid Claims	\$ 27,828
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Animas Valley



Risk Rank: Low

### Description

The Animas Valley watershed is at low risk of wildfire. The communities that were identified in the local Community Wildfire Protection Plan as being at high risk of wildfire are along the Interstate 10 corridor that runs east to west through the watershed. A total of 47,207 acres of land have burned during 20 wildfire events over the past ten years.

### Lidar Data Availability

No significant lidar available.

### Counties

Grant, Hidalgo, Luna

### Communities

Lordsburg

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

I-10 Corridor

### Watershed 15040003

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	44%
Low	39%
Moderate	10%
High	2%
Very High	1%
Non-Burnable	5%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	20
Acres Burned 2006-2016	47,207

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.04%
Intermix	0.32%
	Acres
Interface	559
Intermix	4,620
WUI Addressed Structures	94

#### Communities at Risk from Wildland Fire

High Risk	2
Medium Risk	1
Low Risk	3

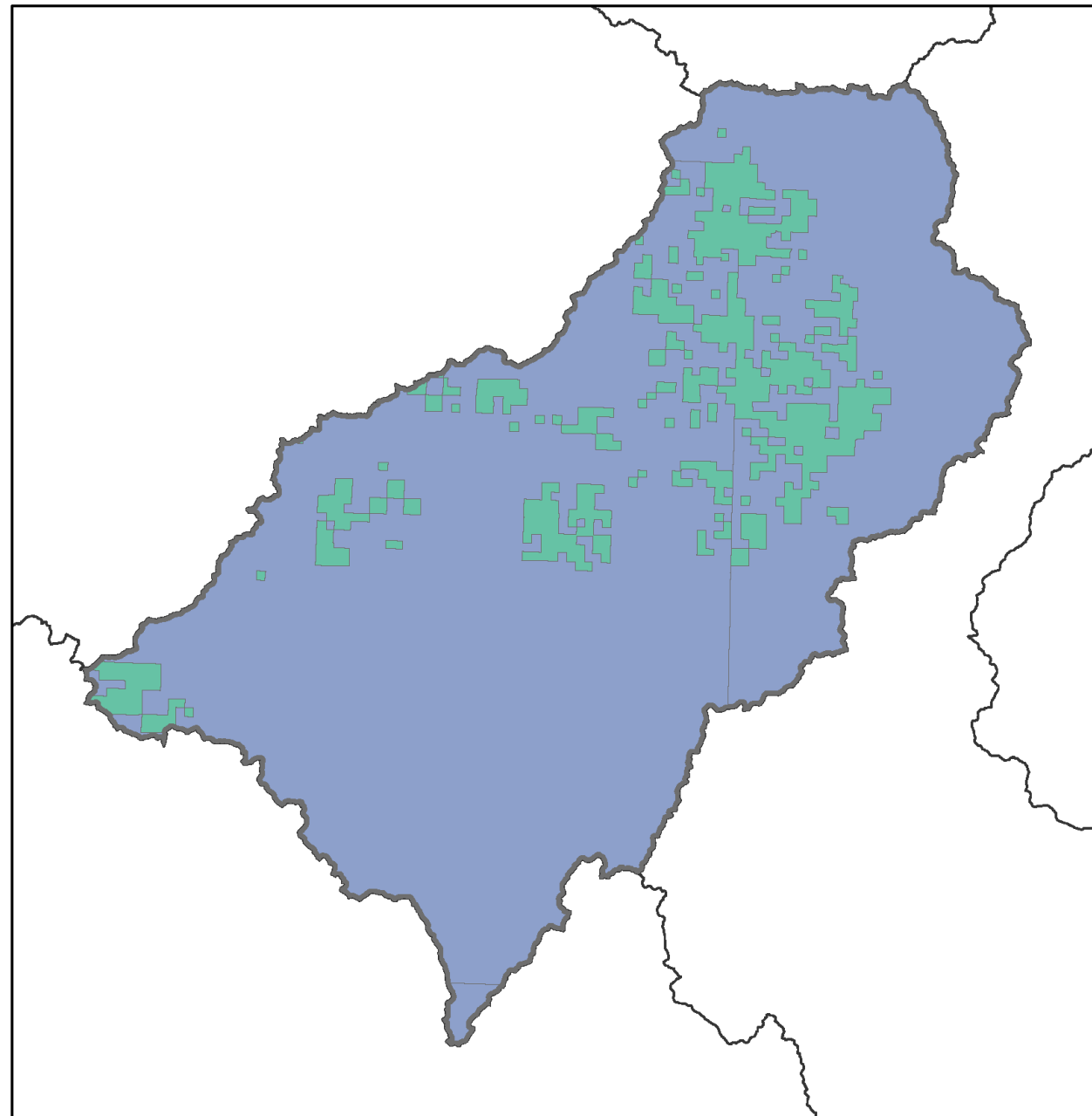
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	1
Very High Priority	0

#### Vegetation Treatments 2006-2016

Acres Treated	7,040
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## Arroyo Chico



### Description

The Arroyo Chico watershed is home to approximately 4,000 people in central New Mexico. The watershed has significant topographic relief including both Chaco and San Mateo Mesas. Arroyo Chico is the major hydrologic feature. FIRM data is widely available except on tribal land. There is no lidar data available within the watershed. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Cibola, McKinley, Sandoval

### Communities

No communities within this watershed.

### Tribal Nations

Navajo Nation

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066023.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066023.pdf)

### Watershed 13020205

#### Watershed Characteristics

Area (sq mi)	1,376
Population in NM	3,733
CNMS Streams (mi)	542
Maximum Elevation (feet)	10,753
Minimum Elevation (feet)	5,889
High Hazard Potential Dams	0
Significant Hazard Potential Dams	1
Low Hazard Potential Dams	9

#### Ownership

Percent in New Mexico	100 %
Private	34.33 %
State	6.01 %
Tribal	18.12 %
Federal	41.54 %
States	NM

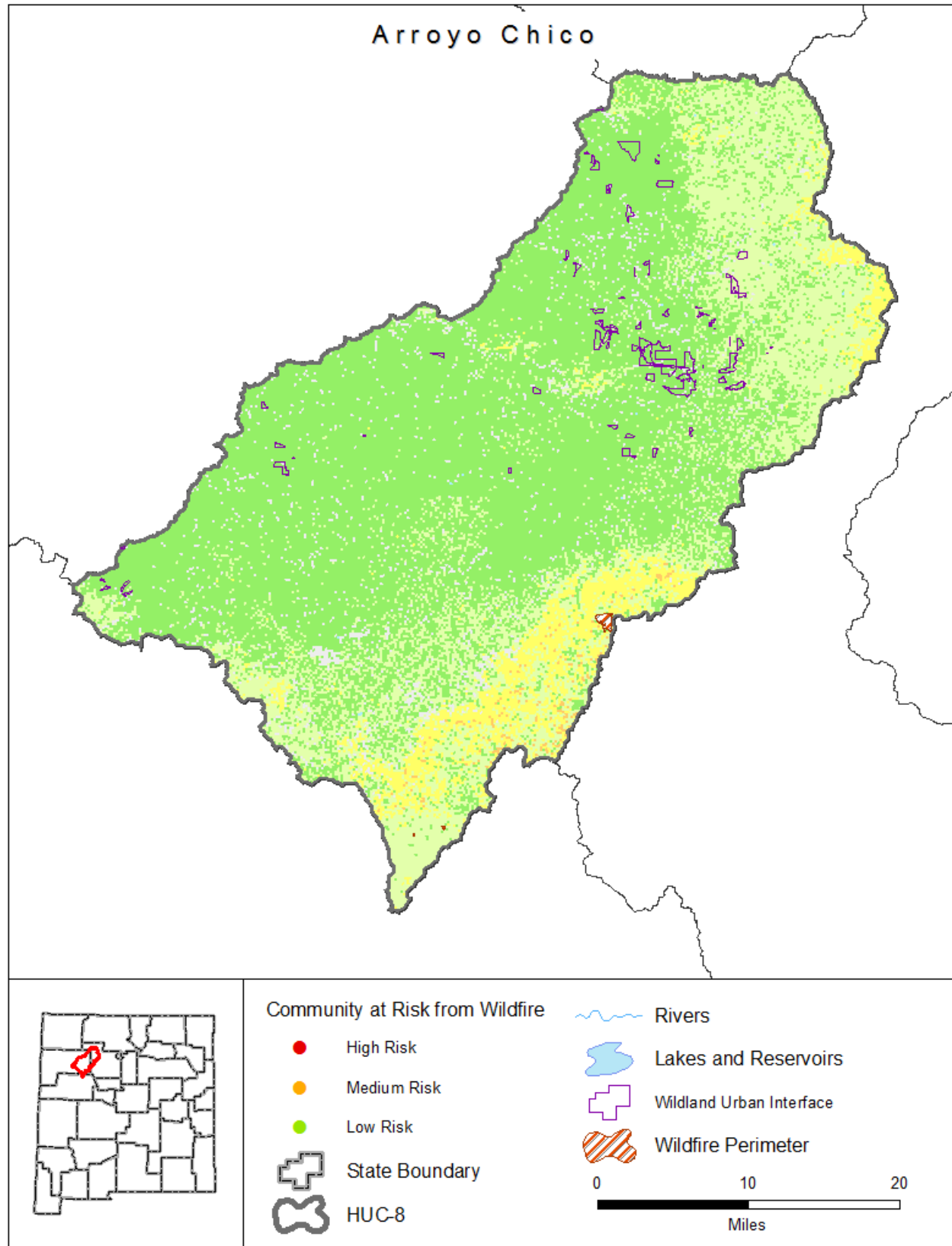
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	4
NFIP Communities	3
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Arroyo Chico



**Risk Rank:** Low

**Description**

The Arroyo Chico watershed is at low risk of wildfire. No communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**

A collection of federal agencies anticipates collecting USGS QL2 lidar in FY 2017 for small portions of the watershed in the south and west.

**Counties**

Cibola, McKinley, Sandoval

**Communities**

No communities within this watershed.

**Tribal Nations**

Navajo Nation

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 13020205**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	63%
Low	26%
Moderate	7%
High	0%
Very High	0%
Non-Burnable	4%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	3
Acres Burned 2006-2016	547

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0.94%
Acres	
Interface	1
Intermix	8,242
WUI Addressed Structures	105

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

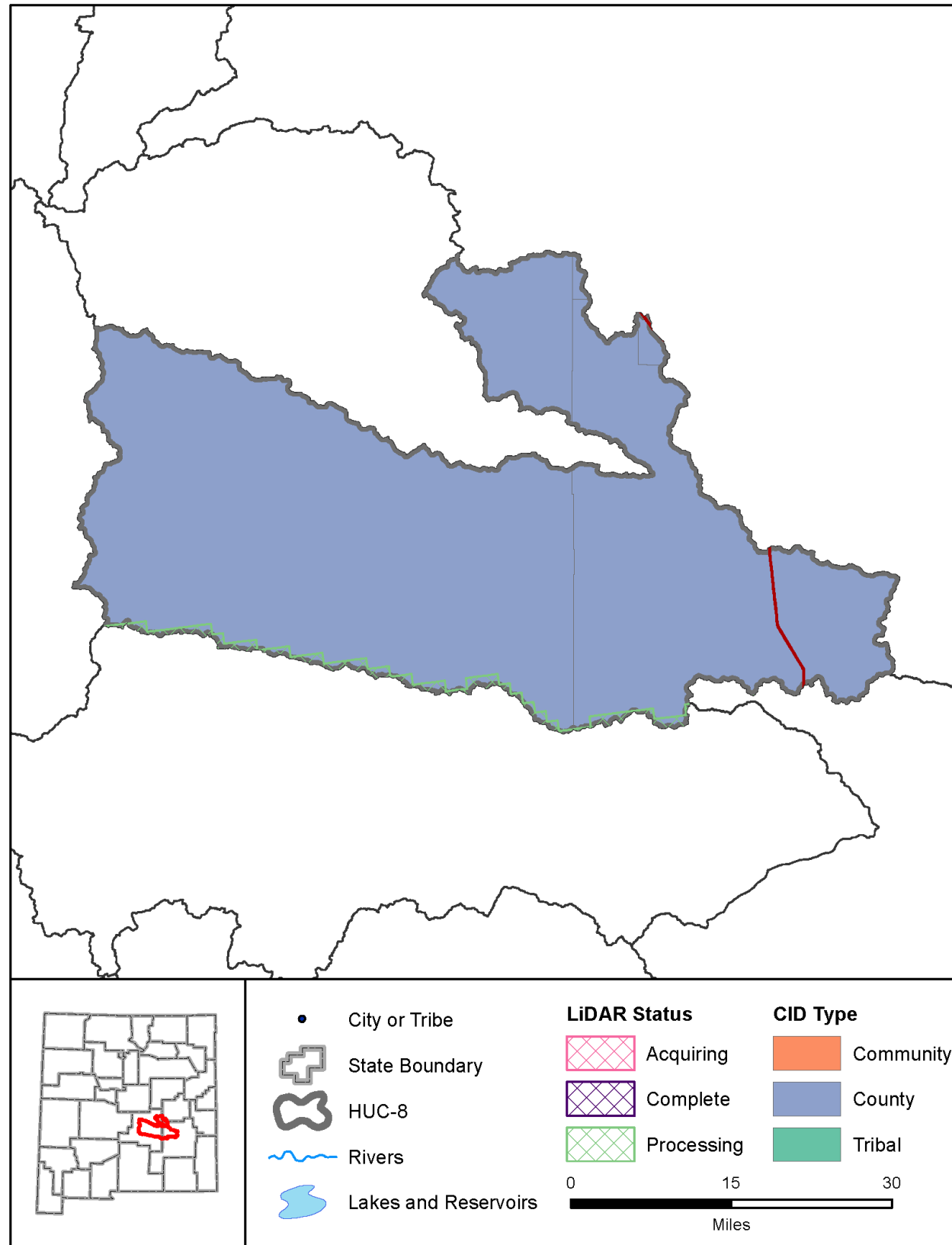
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	3
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	29,440
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## Arroyo del Macho



### Description

The Arroyo del Macho watershed is home to approximately 2,000 people in the south-central portion of New Mexico. The watershed has significant topographic relief with mountains along the southwest border. The Arroyo del Macho is the primary hydrologic feature with many smaller tributaries. FIRM data is extensive throughout the watershed. No lidar data is available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Chaves, De Baca, Lincoln

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066672.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066672.pdf)

### Watershed 13060005

#### Watershed Characteristics

Area (sq mi)	1,870
Population in NM	1,713
CNMS Streams (mi)	545
Maximum Elevation (feet)	10,241
Minimum Elevation (feet)	3,523
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	100 %
Private	49.93 %
State	11.49 %
Tribal	0 %
Federal	38.58 %
States	NM

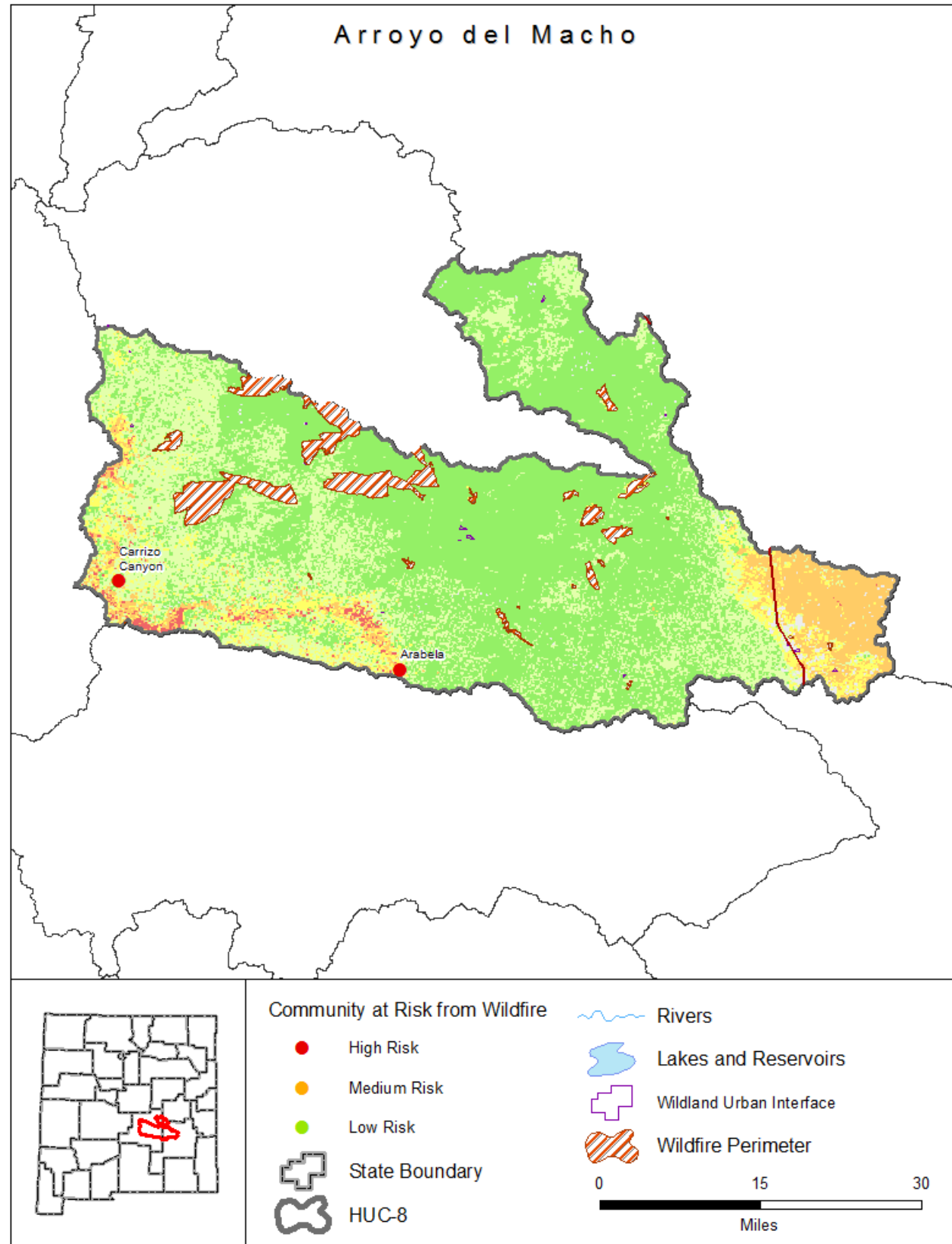
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	3
NFIP Communities	2
NFIP Policies	4
Policies within the SFHA	4
Policies outside of the SFHA	0
NFIP Premium Total	\$ 908
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Arroyo del Macho



**Risk Rank:** Low

**Description**

The Arroyo del Macho watershed is low risk of wildfire. A total of 49,231 acres of land have burned during 23 wildfire events over the past ten years. Arabela and Carrizo Canyon were identified in the local Community Wildfire Protection Plan as being at high risk of wildfire.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Chaves, De Baca, Lincoln

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Arabela, Carrizo Canyon

### Watershed 13060005

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	58%
Low	27%
Moderate	6%
High	7%
Very High	1%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	23
Acres Burned 2006-2016	49,321

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0.03%
Acres	
Interface	0
Intermix	369
WUI Addressed Structures	14

**Communities at Risk from Wildland Fire**

High Risk	2
Medium Risk	0
Low Risk	0

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

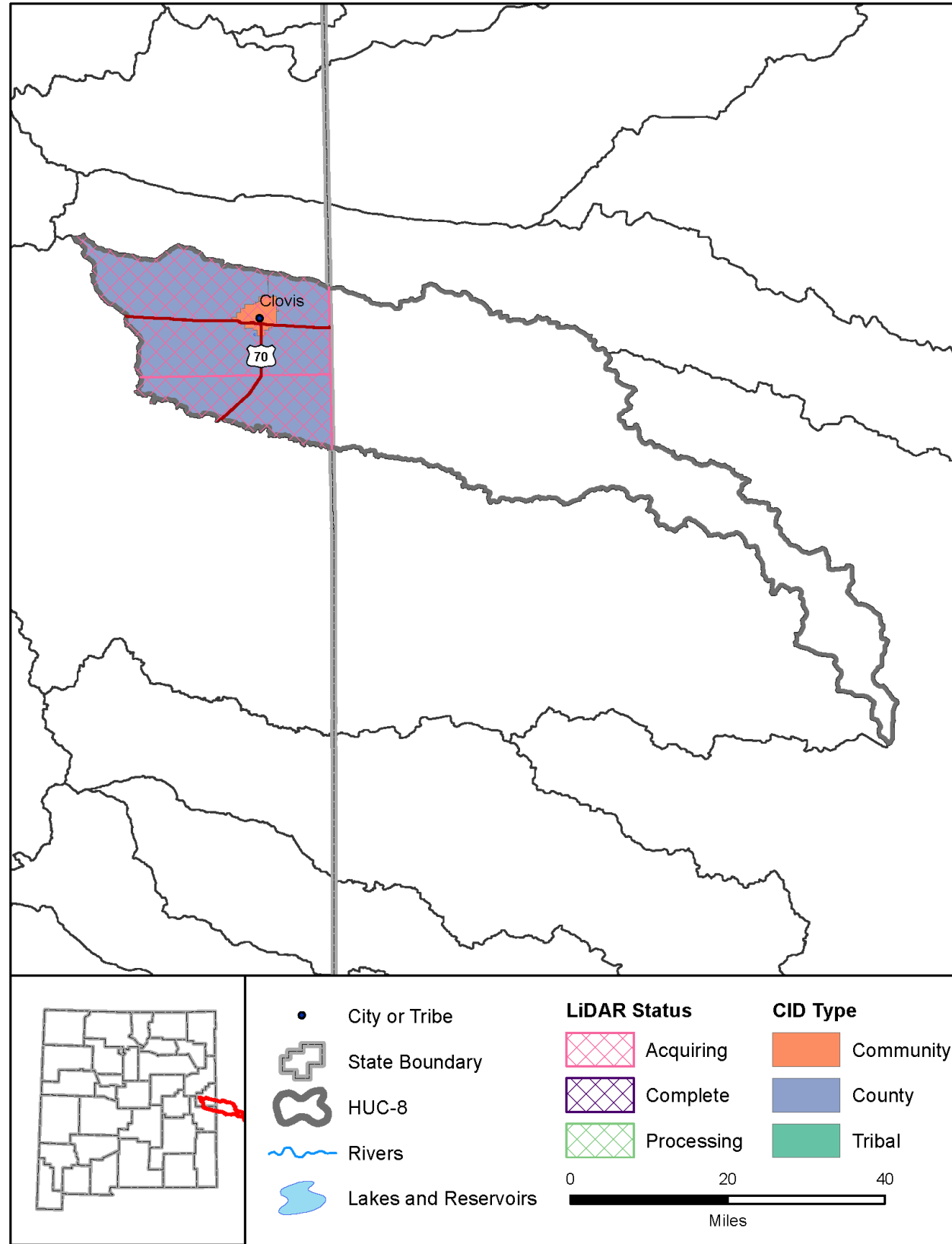
High Priority	5
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	15,360
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## Blackwater Draw



### Description

The Blackwater Draw watershed is home to approximately 45,000 people along the eastern border of New Mexico. The watershed is part of the eastern plains. Within New Mexico, hydrologic features consists of multiple areas with intermittent ponds/lakes. Extensive FIRM data exists within the watershed. Lidar data is anticipated being collected in 2015 for regulatory and non-regulatory flood risk projects. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Texas.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for the western portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Curry, Roosevelt

### Communities

Clovis

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 12050002

#### Watershed Characteristics

Area (sq mi)	1,689
Population in NM	45,397
CNMS Streams (mi)	58
Maximum Elevation (feet)	4,608
Minimum Elevation (feet)	3,963
High Hazard Potential Dams	0
Significant Hazard Potential Dams	1
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	32.15 %
Private	90.97 %
State	7.9 %
Tribal	0 %
Federal	1.04 %
States	NM, TX

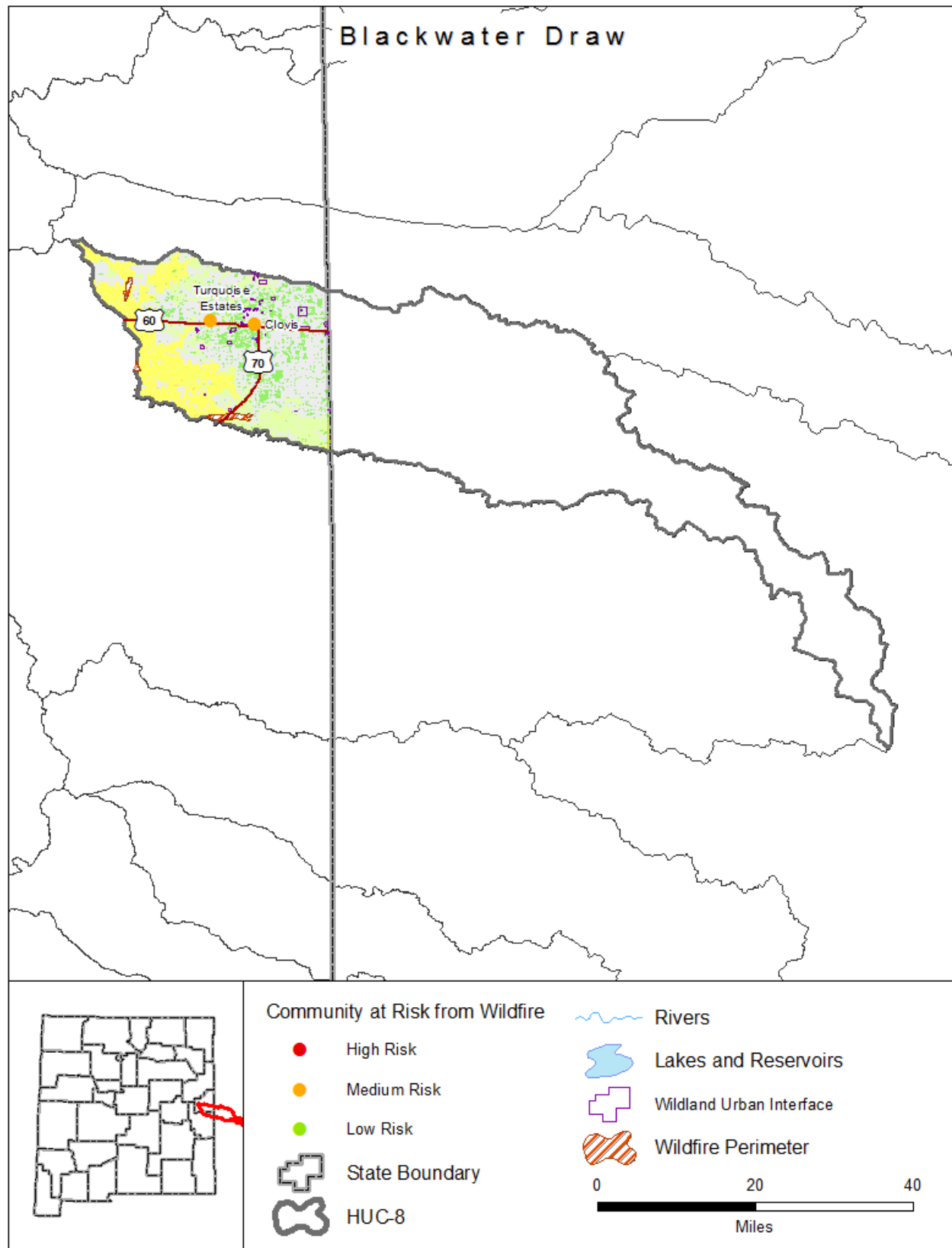
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	3
NFIP Communities	3
NFIP Policies	376
Policies within the SFHA	324
Policies outside of the SFHA	52
NFIP Premium Total	\$ 382,049
NFIP Claims	48
Claims within the SFHA	39
Claims outside of the SFHA	9
Paid Claims	\$ 443,131
Repetitive Loss Structures	1
Repetitive Loss Claims	5
Rep Loss Structures within SFHA	1
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 234,322

## Blackwater Draw



**Risk Rank:** Low

### Description

The Blackwater Draw watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 3,535 acres have burned during 3 wildfire events over the last ten years. Lidar data is available for the portion of the watershed within the state of New Mexico.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for the western portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Curry, Roosevelt

### Communities

Clovis

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

None.

### Watershed 12050002

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	12%
Low	18%
Moderate	25%
High	0%
Very High	0%
Non-Burnable	45%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	3
Acres Burned 2006-2016	3,525

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.16%
Intermix	0.87%
	Acres
Interface	544
Intermix	3,014
WUI Addressed Structures	53

#### Communities at Risk from Wildland Fire

High Risk	0
Medium Risk	2
Low Risk	0

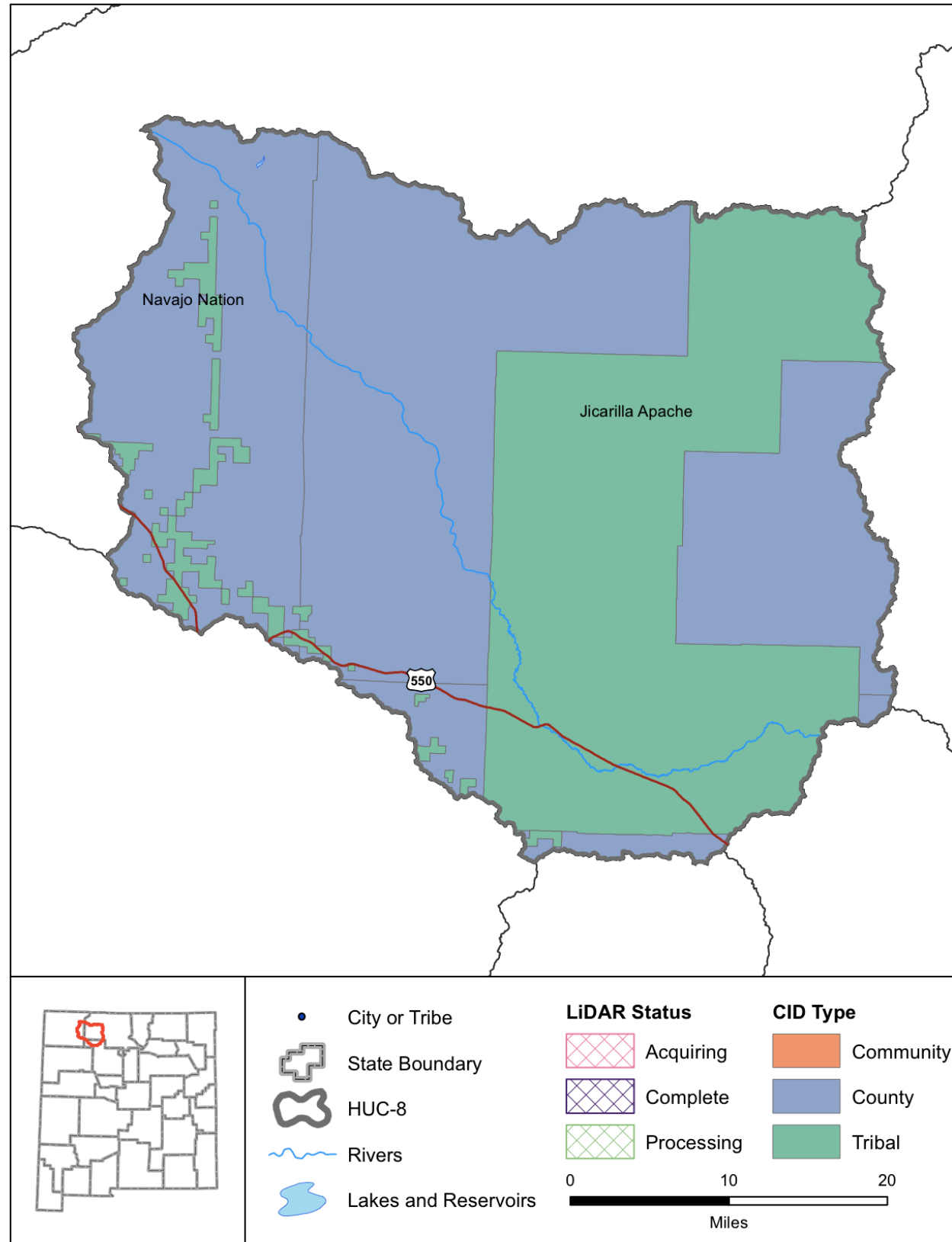
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	0
Very High Priority	0

#### Vegetation Treatments 2006-2016

Acres Treated	0
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## Blanco Canyon



### Description

The Blanco Canyon watershed is home to approximately 1,600 people in New Mexico and is located in the northwestern corner of the state. The watershed has moderate topographic relief with several canyons and mesas. The Blanco Wash and Canon Largo are the primary hydrologic feature with smaller intermittent tributaries. FIRM data is fairly extensive within the watershed except in tribal land but no lidar data is available. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Rio Arriba, San Juan, Sandoval

### Communities

No communities within this watershed.

### Tribal Nations

Jicarilla Apache Nation Reservation, Navajo Nation

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_067318.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_067318.pdf)

### Watershed 14080103

#### Watershed Characteristics

Area (sq mi)	1,714
Population in NM	1,578
CNMS Streams (mi)	534
Maximum Elevation (feet)	8,163
Minimum Elevation (feet)	5,537
High Hazard Potential Dams	1
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	100 %
Private	11.67 %
State	4.71 %
Tribal	38.6 %
Federal	45.02 %
States	NM

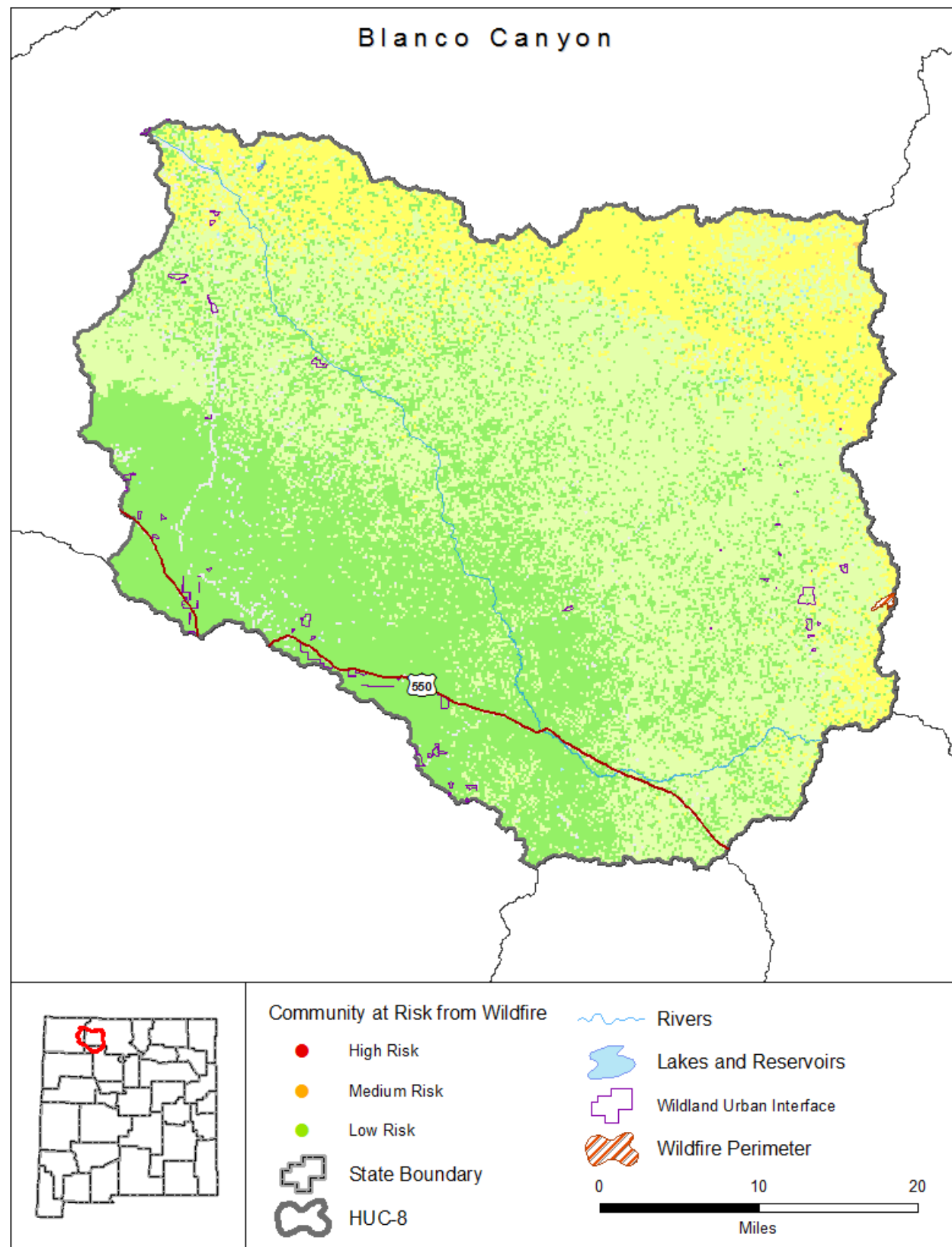
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	5
NFIP Communities	3
NFIP Policies	1
Policies within the SFHA	0
Policies outside of the SFHA	1
NFIP Premium Total	\$ 460
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Blanco Canyon



**Risk Rank:** Low

**Description**

The Blanco Canyon watershed is at low risk of wildfire. No communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Rio Arriba, San Juan, Sandoval

**Communities**

No communities within this watershed.

**Tribal Nations**

Jicarilla Apache Nation Reservation, Navajo Nation

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

### Watershed 14080103

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	38%
Low	44%
Moderate	15%
High	0%
Very High	0%
Non-Burnable	2%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	1
Acres Burned 2006-2016	418

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0.36%
Acres	
Interface	1
Intermix	3,930
WUI Addressed Structures	72

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

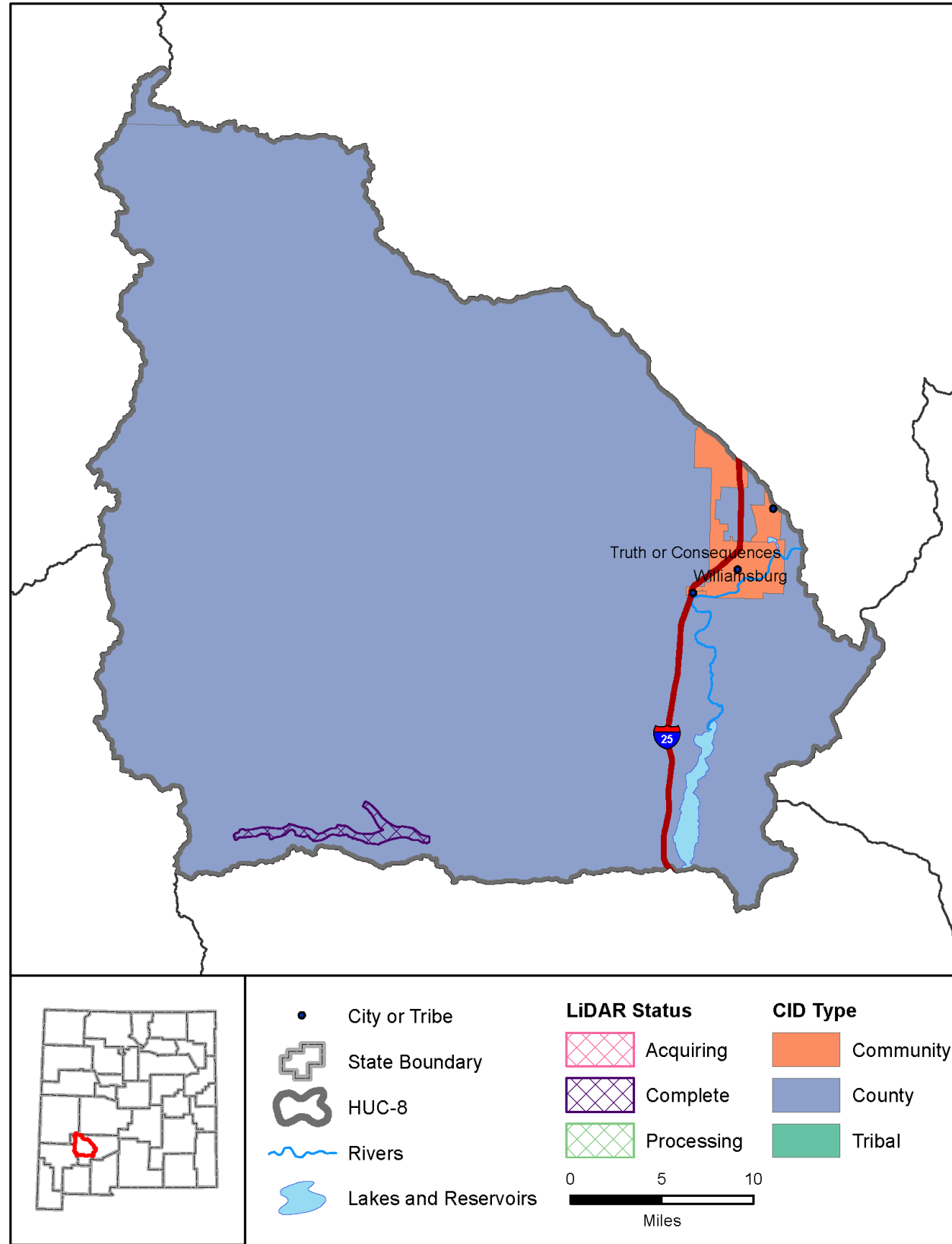
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	8
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	85,760
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## Caballo



### Description

The Caballo watershed is home to approximately 8,500 people in central New Mexico. The watershed is bound by the Black Range to the west. The major hydrologic feature is the Rio Grande including Caballo Reservoir. FHBM data is available throughout the watershed. Limited lidar data is available from the USACE from the Silver fire. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

The USACE collected post-wildfire lidar for the Silver Fire in 2013.

### Counties

Catron, Grant, Sierra

### Communities

Elephant Butte, Truth or Consequences, Williamsburg

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066982.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066982.pdf)

### Watershed 13030101

#### Watershed Characteristics

Area (sq mi)	1,241
Population in NM	8,408
CNMS Streams (mi)	890
Maximum Elevation (feet)	10,194
Minimum Elevation (feet)	4,152
High Hazard Potential Dams	5
Significant Hazard Potential Dams	1
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	100 %
Private	36.63 %
State	8.73 %
Tribal	0 %
Federal	54.64 %
States	NM

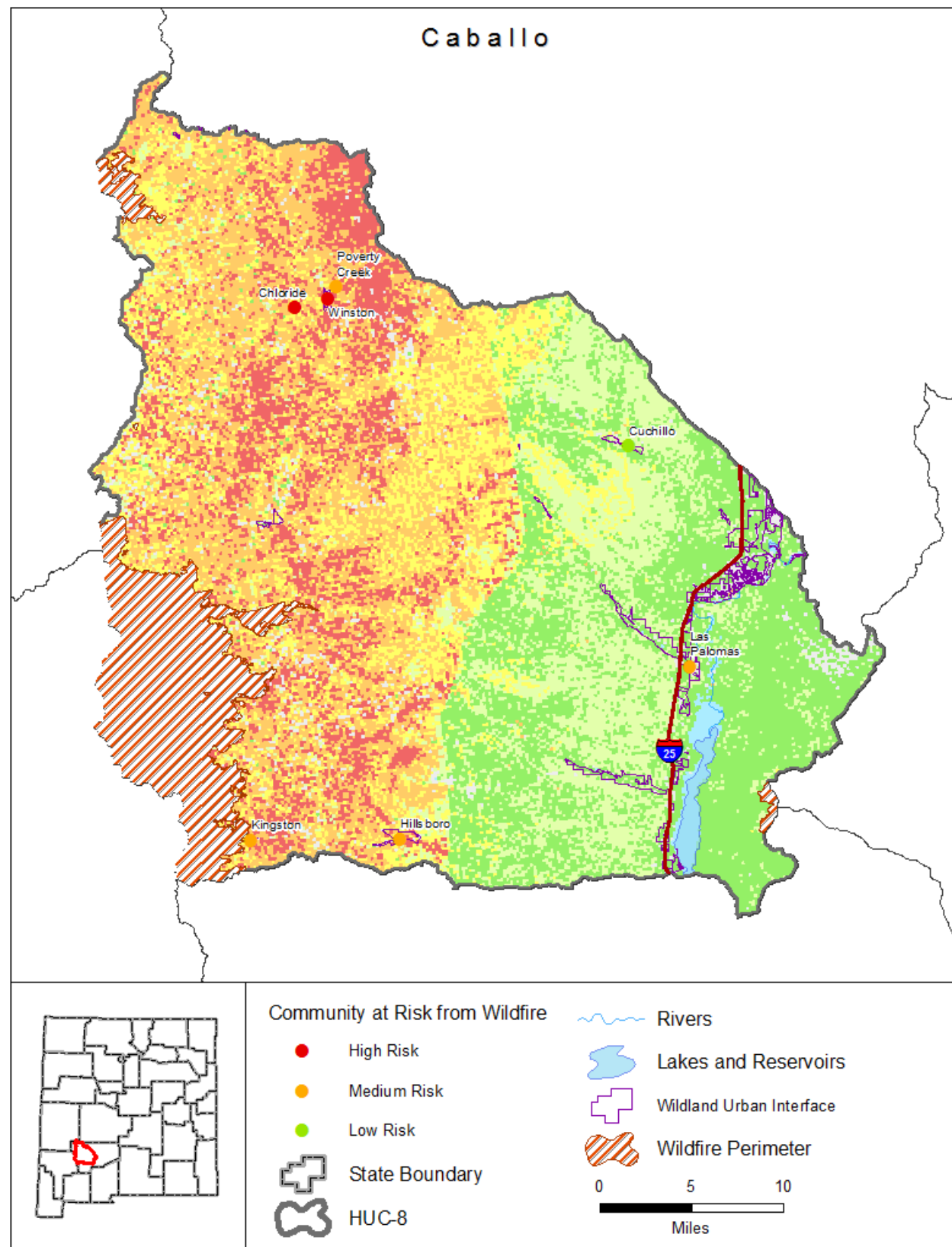
#### Flood Maps

DFIRM Available	No
FHBM Available	Yes

#### NFIP Statistics

CID Communities	6
NFIP Communities	6
NFIP Policies	108
Policies within the SFHA	88
Policies outside of the SFHA	20
NFIP Premium Total	\$ 101,239
NFIP Claims	14
Claims within the SFHA	10
Claims outside of the SFHA	4
Paid Claims	\$ 150,013
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Caballo



**Risk Rank:** High

**Description**

The Caballo watershed is at high risk of wildfire and Chloride and Winston were identified as high risk in the local Community Wildfire Protection Plan. A total of 75,490 acres have burned during 30 wildfire events over the last ten years, with the Silver Fire in 2013 burning approximately 61,938 acres in the watershed.

**Lidar Data Availability**

The USACE collected post-wildfire lidar for the Silver Fire in 2013.

**Counties**

Catron, Grant, Sierra

**Communities**

Elephant Butte, Truth or Consequences, Williamsburg

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Chloride, Winston

**Watershed 13030101**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	22%
Low	17%
Moderate	17%
High	25%
Very High	15%
Non-Burnable	3%
Water	1%

**Watershed Characteristics**

Wildfires 2006-2016	30
Acres Burned 2006-2016	75,490

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.36%
Intermix	1.35%
	Acres
Interface	2,881
Intermix	10,736
WUI Addressed Structures	131

**Communities at Risk from Wildland Fire**

High Risk	2
Medium Risk	4
Low Risk	1

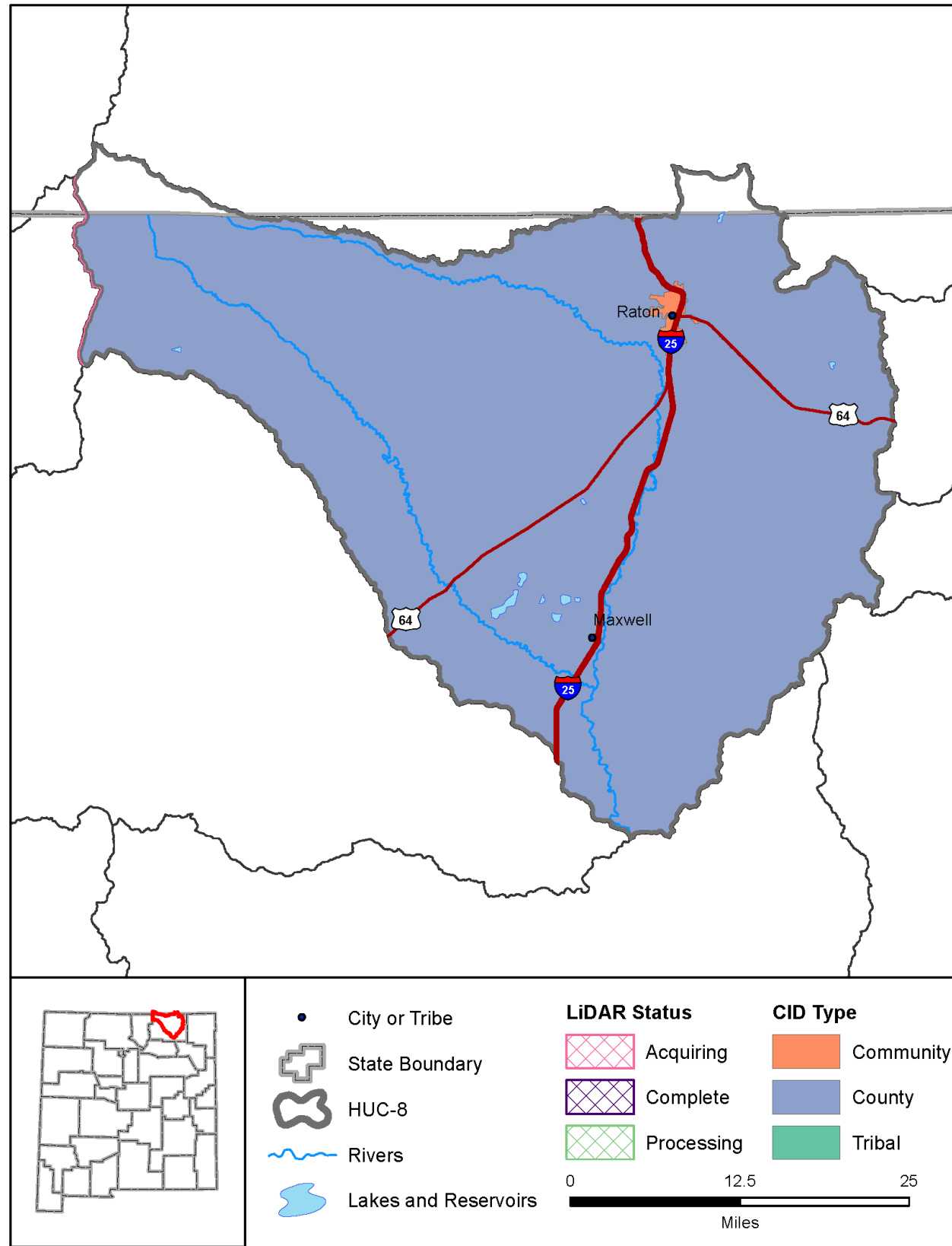
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	12
Very High Priority	3

**Vegetation Treatments 2006-2016**

Acres Treated	67,840
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## Canadian Headwaters



### Description

The Canadian Headwaters watershed is home to approximately 8,000 people in northeastern New Mexico. The watershed is topographically varied with a change in elevation of almost 7,000 feet and is bordered on the western side by the Sangre De Cristo Mountain Range. The primary hydrologic feature is the Canadian River. The watershed has limited FIRM data. There is no lidar data available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Colfax, Taos

### Communities

Maxwell, Raton

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11080001

#### Watershed Characteristics

Area (sq mi)	1,724
Population in NM	8,003
CNMS Streams (mi)	122
Maximum Elevation (feet)	12,590
Minimum Elevation (feet)	5,669
High Hazard Potential Dams	1
Significant Hazard Potential Dams	4
Low Hazard Potential Dams	13

#### Ownership

Percent in New Mexico	96.9 %
Private	93.33 %
State	5.9 %
Tribal	0 %
Federal	0.77 %
States	NM, CO

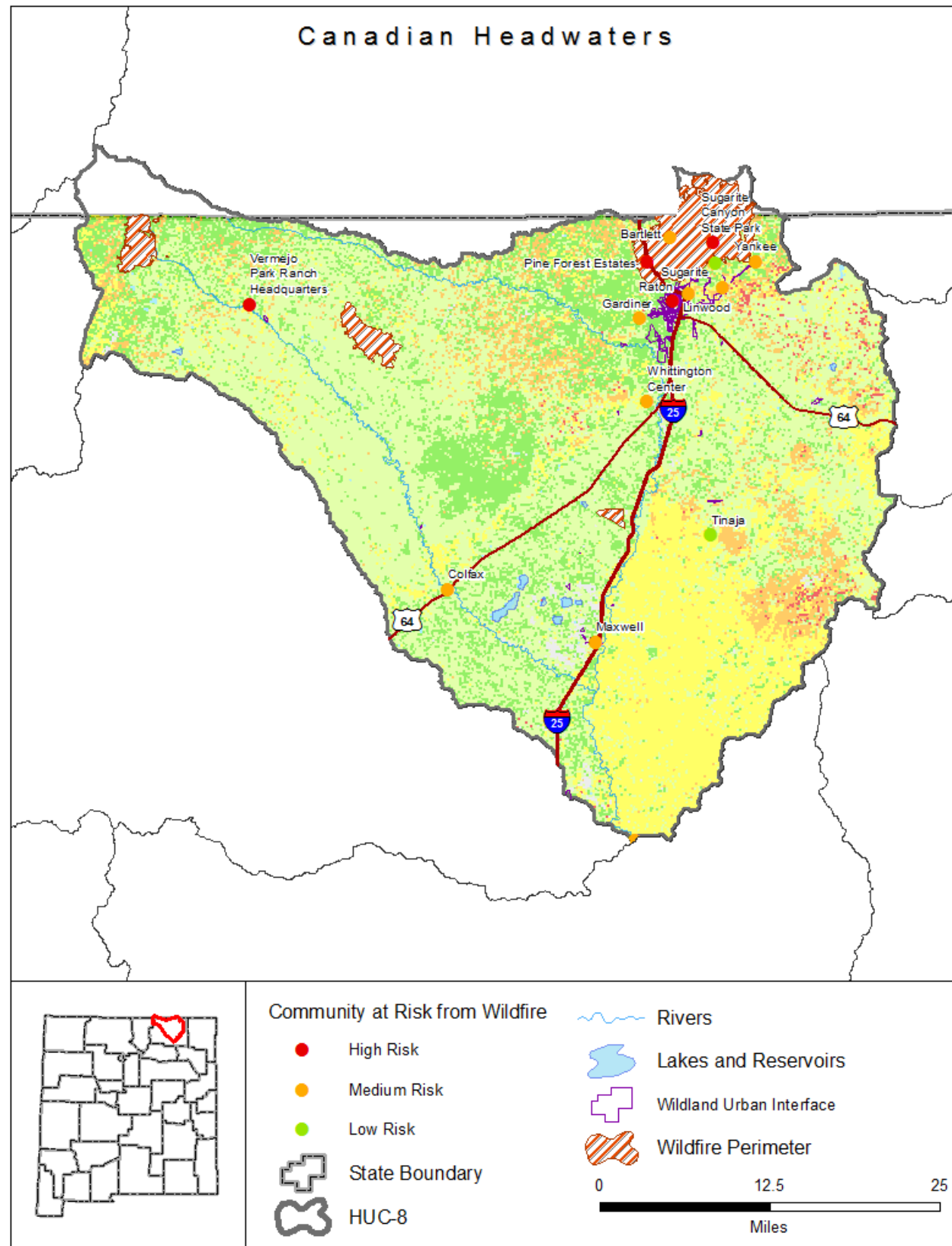
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	4
NFIP Communities	4
NFIP Policies	29
Policies within the SFHA	17
Policies outside of the SFHA	12
NFIP Premium Total	\$ 22,217
NFIP Claims	6
Claims within the SFHA	3
Claims outside of the SFHA	3
Paid Claims	\$ 762
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Canadian Headwaters



**Risk Rank:** High

**Description**

The Canadian Headwaters watershed is at high risk of wildfire. The communities of Pine Forest Estates, Raton, Sugarite Canyon State Park, Vermejo Park Ranch Headquarters were identified as high risk in the local Community Wildfire Protection Plan. A small portion of the watershed that was burned during the 2011 Track Fire has been studied in a postwildfire debris flows hazard assessment done by the United States Geological Survey.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Colfax, Taos

**Communities**

Maxwell, Raton

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

Tillery, A.C., Darr, M.J., Cannon, S.H., and Michael, J.A., 2011, Postwildfire debris flows hazard assessment for the area burned by the 2011 Track Fire, northeastern New Mexico and southeastern Colorado: U.S. Geological Survey Open-File Report 2011-1257, 9 p.

**Communities at High Risk of Wildland Fire**

Pine Forest Estates, Raton, Sugarite Canyon State Park, Vermejo Park Ranch Headquarters

**Watershed 11080001**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	21%
Low	50%
Moderate	19%
High	8%
Very High	1%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	7
Acres Burned 2006-2016	33,158

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.12%
Intermix	0.53%
	Acres
Interface	1,336
Intermix	5,626
WUI Addressed Structures	170

**Communities at Risk from Wildland Fire**

High Risk	4
Medium Risk	8
Low Risk	2

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

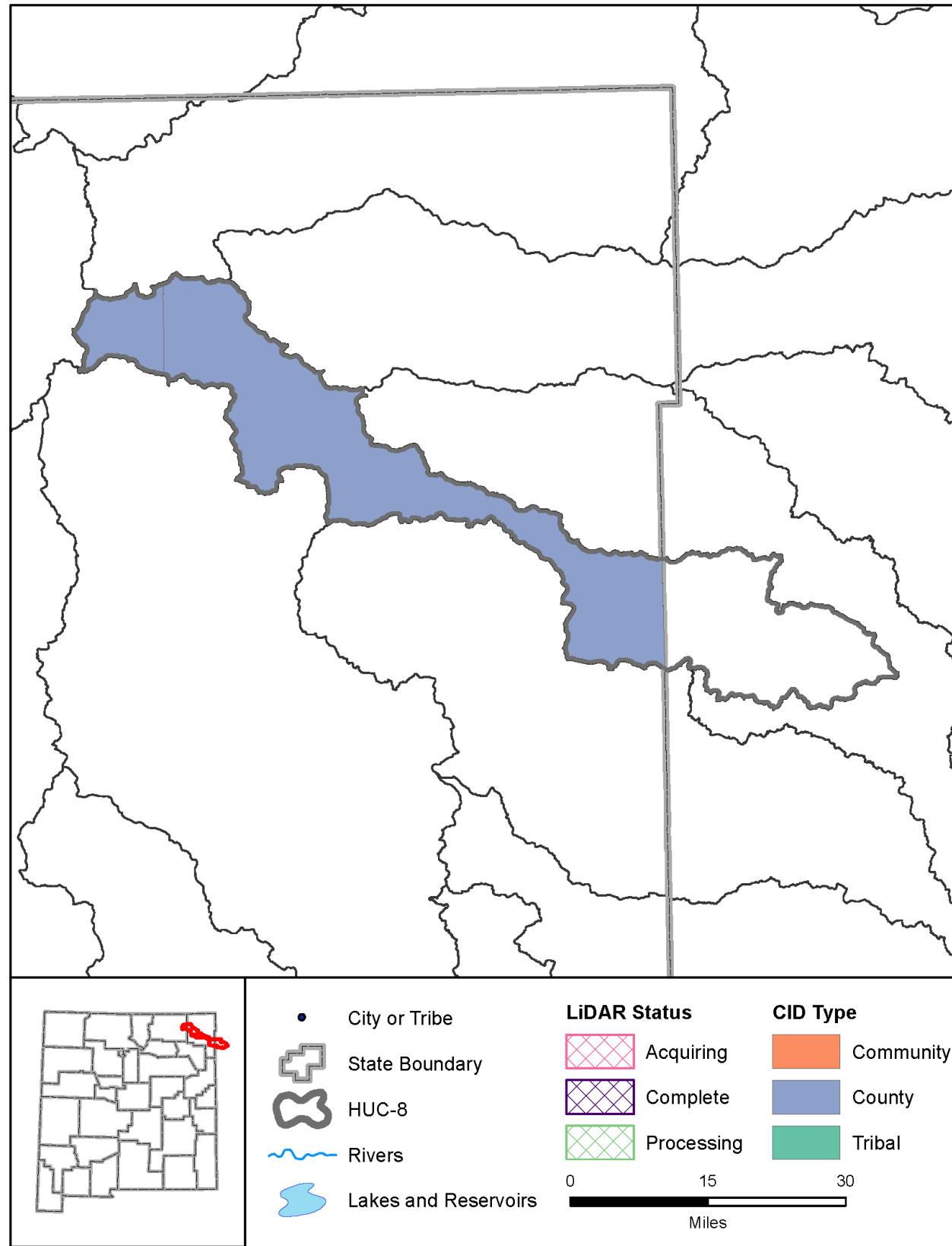
High Priority	18
Very High Priority	1

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Carrizo



### Description

The Carrizo watershed is home to fewer than 400 people along the northeastern border of New Mexico. The watershed contains the Sierra Grande Range and Kiowa Flats. The primary hydrographic features are Carrizo Creek and multiple intermittent tributaries. No FHBM or FIRM data is available for the watershed. No lidar data is available. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Texas.

### Lidar Data Availability

No significant lidar available.

### Counties

Colfax, Union

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

## Watershed 11090104

### Watershed Characteristics

Area (sq mi)	914
Population in NM	374
CNMS Streams (mi)	0
Maximum Elevation (feet)	8,819
Minimum Elevation (feet)	4,468
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	1

### Ownership

Percent in New Mexico	68.73 %
Private	75.04 %
State	24.11 %
Tribal	0 %
Federal	0.85 %
States	NM, TX

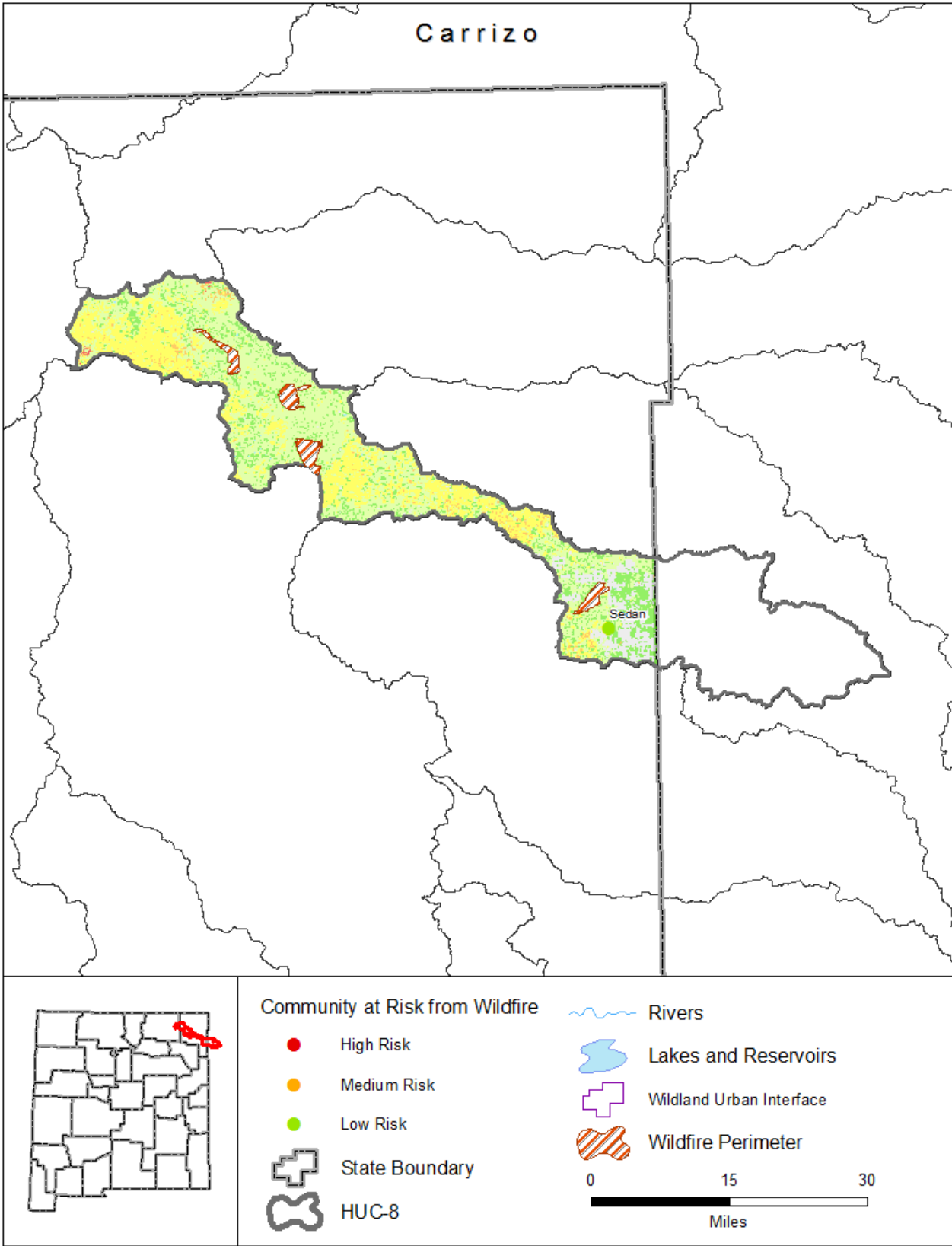
### Flood Maps

DFIRM Available	No
FHBM Available	No

### NFIP Statistics

CID Communities	2
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

Carrizo



Risk Rank: Low

Description

The Carrizo watershed at low risk of wildfires and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 13,200 acres have burned during 4 wildfire events over the last ten years.

Lidar Data Availability

No significant lidar available.

Counties

Colfax, Union

Communities

No communities within this watershed.

Tribal Nations

No tribal nations within this watershed.

Debris Flow Modeling

None.

Communities at High Risk of Wildland Fire

None.

Watershed 11090104

Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	18%
Low	47%
Moderate	26%
High	2%
Very High	0%
Non-Burnable	6%
Water	0%

Watershed Characteristics

Wildfires 2006-2016	4
Acres Burned 2006-2016	13,200

Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
Acres	
Interface	0
Intermix	0
WUI Addressed Structures	0

Communities at Risk from Wildland Fire

High Risk	0
Medium Risk	0
Low Risk	1

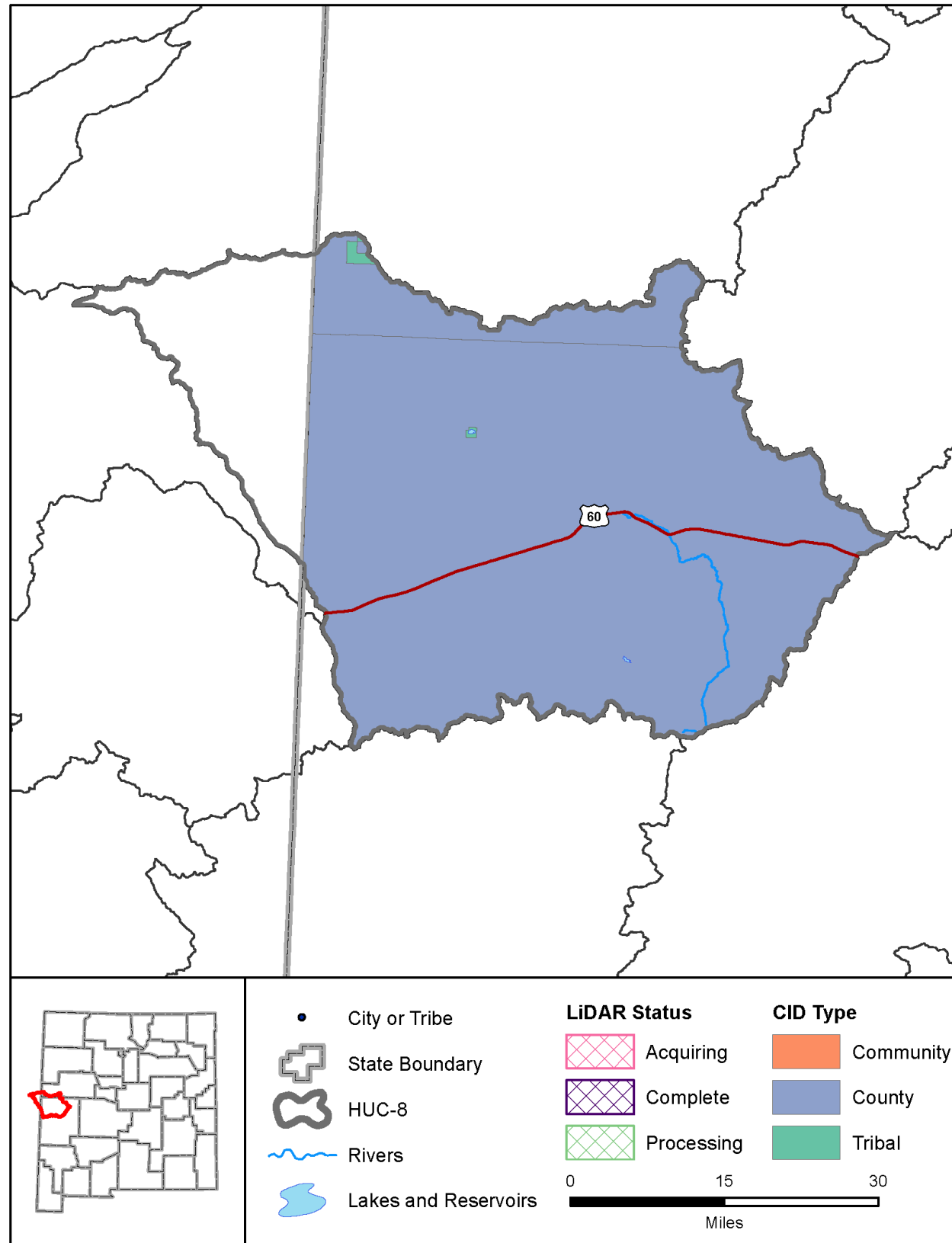
Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	0
Very High Priority	0

Vegetation Treatments 2006-2016

Acres Treated	0
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## Carrizo Wash



### Description

The Carrizo Wash watershed is home to approximately 1,000 people in New Mexico and is located on the western border of the state. The watershed is bound by the Gallo and Mangas Mountains to the south. The watershed has several intermittent streams including Carrizo Wash and Largo Creek. There is very limited FIRM data for and no lidar data for the watershed. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Catron, Cibola

### Communities

No communities within this watershed.

### Tribal Nations

Zuni Pueblo

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 15020003

#### Watershed Characteristics

Area (sq mi)	2,264
Population in NM	961
CNMS Streams (mi)	25
Maximum Elevation (feet)	10,257
Minimum Elevation (feet)	6,028
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	85.34 %
Private	34.69 %
State	18.64 %
Tribal	0.05 %
Federal	46.62 %
States	AZ, NM

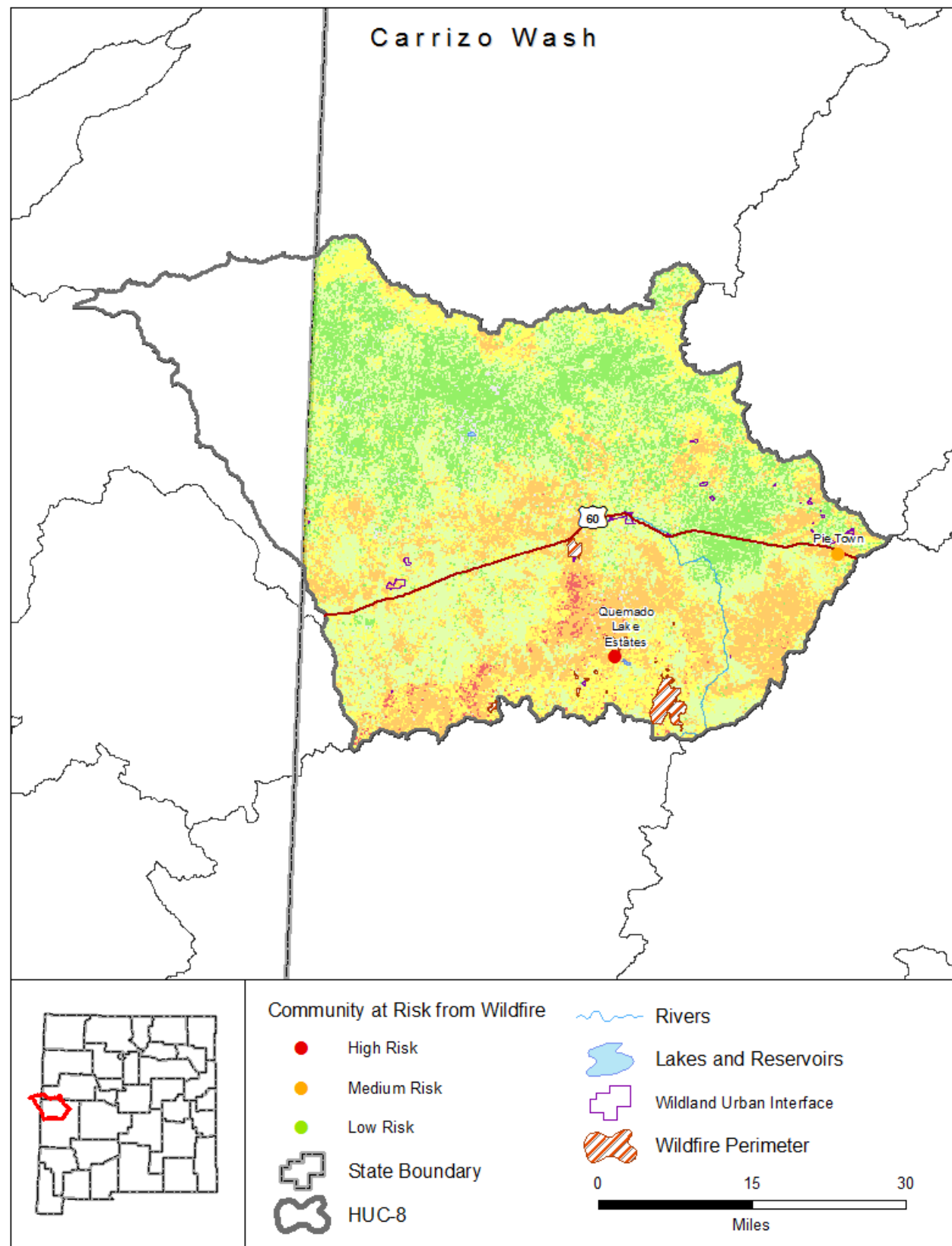
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	3
NFIP Communities	3
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Carrizo Wash



**Risk Rank:** Medium

**Description**

The Carrizo Wash watershed is at medium risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 8,702 acres have burned during 16 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Catron, Cibola

**Communities**

No communities within this watershed.

**Tribal Nations**

Zuni Pueblo

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 15020003**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	20%
Low	34%
Moderate	24%
High	20%
Very High	1%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	16
Acres Burned 2006-2016	8,702

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.01%
Intermix	0.22%
Acres	
Interface	88
Intermix	2,707
WUI Addressed Structures	48

**Communities at Risk from Wildland Fire**

High Risk	1
Medium Risk	1
Low Risk	0

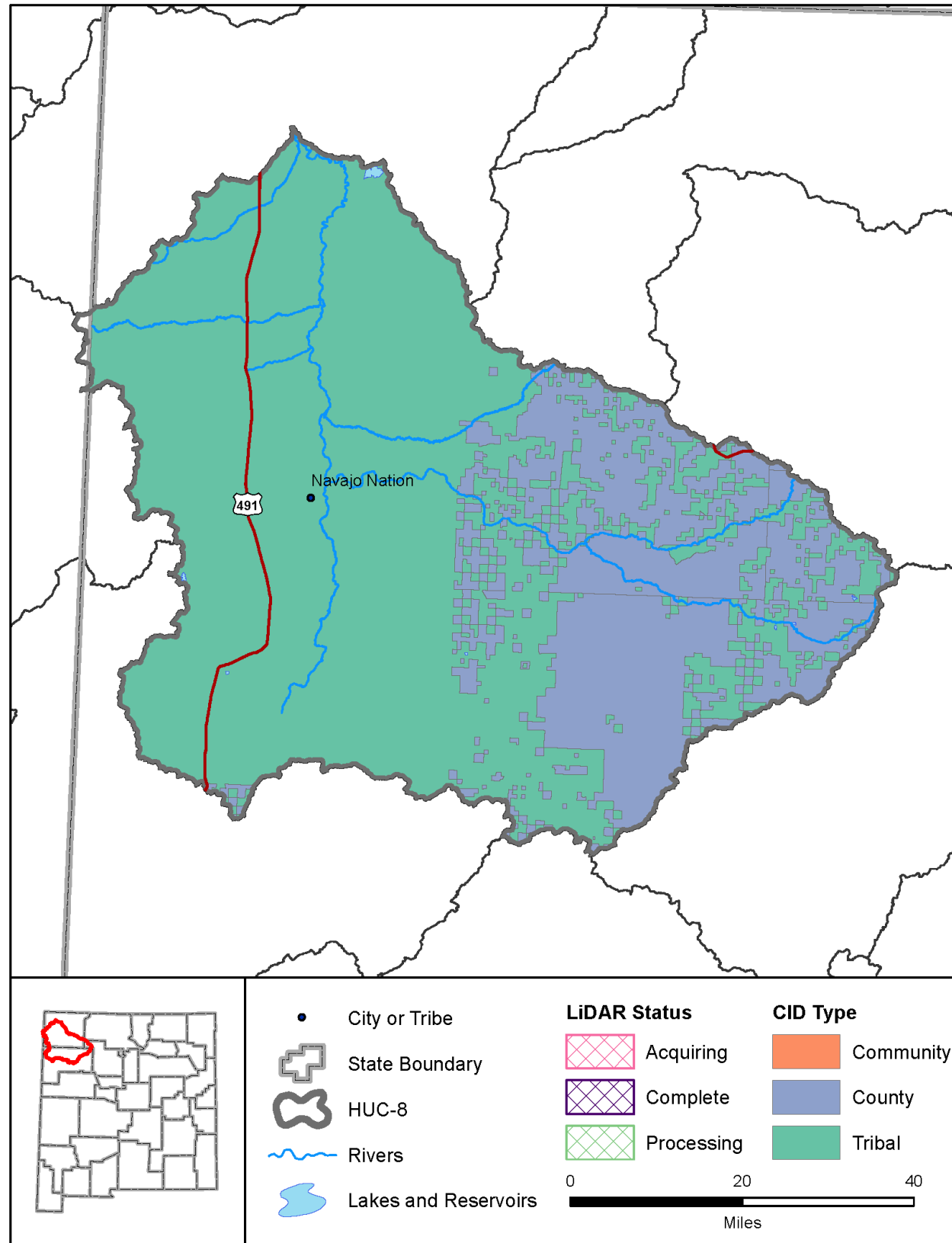
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	11
Very High Priority	1

**Vegetation Treatments 2006-2016**

Acres Treated	17,920
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## Chaco



### Description

The Chaco watershed is home to approximately 26,000 people in New Mexico and is located on the northwestern border of the state. The watershed is primarily tribal land. The watershed has significant topographic relief from the Chuska Mountains. The Chaco River is the primary hydrologic feature with smaller intermittent tributaries. FIRM data is fairly extensive within the watershed except within tribal land. Lidar data is not available for the watershed. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

McKinley, Rio Arriba, San Juan, Sandoval

### Communities

No communities within this watershed.

### Tribal Nations

Jicarilla Apache Nation Reservation, Navajo Nation

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066673.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066673.pdf)

## Watershed 14080106

### Watershed Characteristics

Area (sq mi)	4,580
Population in NM	25,682
CNMS Streams (mi)	978
Maximum Elevation (feet)	9,412
Minimum Elevation (feet)	4,937
High Hazard Potential Dams	1
Significant Hazard Potential Dams	2
Low Hazard Potential Dams	8

### Ownership

Percent in New Mexico	99.8 %
Private	2.58 %
State	3.41 %
Tribal	82.17 %
Federal	11.84 %
States	NM, AZ

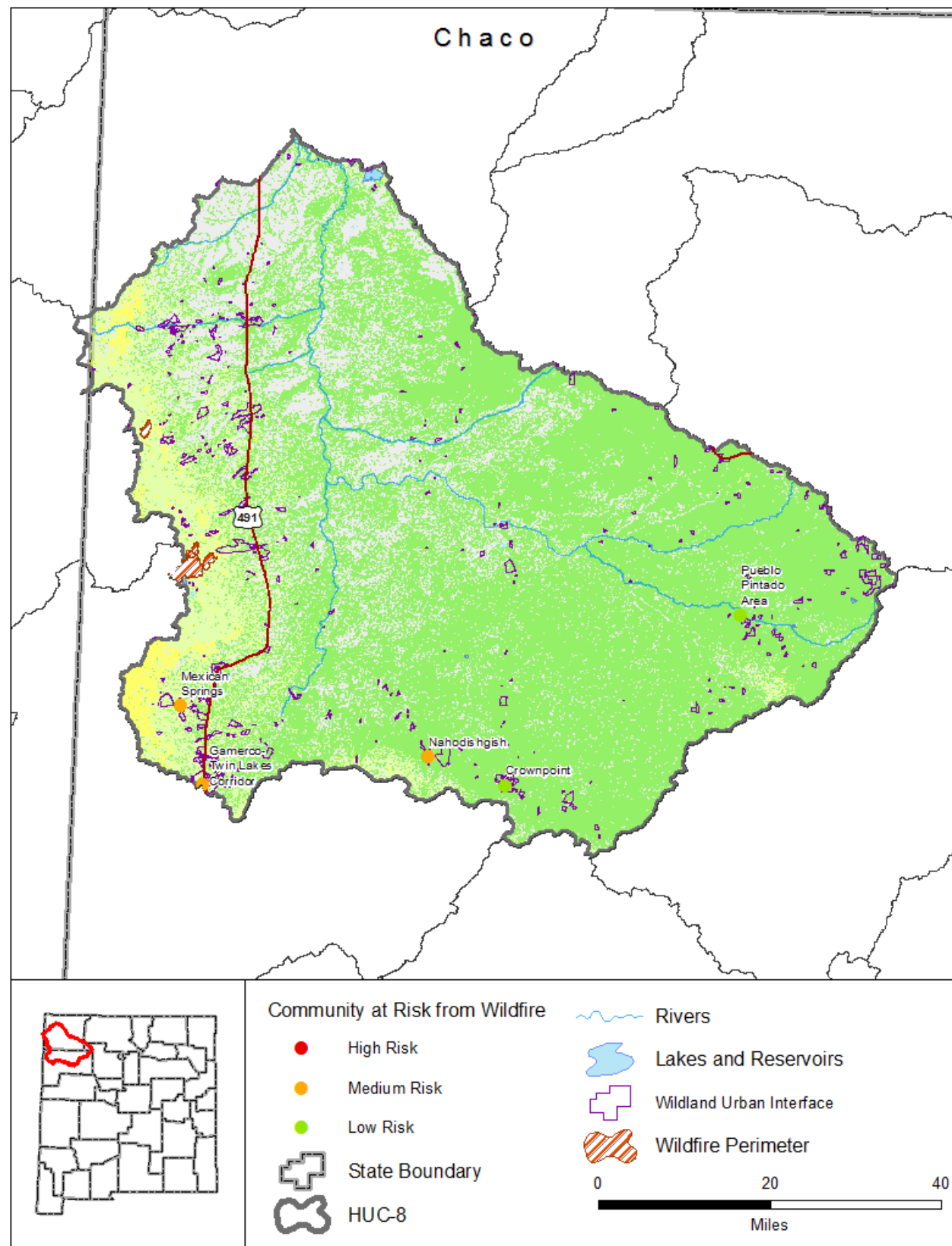
### Flood Maps

DFIRM Available	Yes
FHBM Available	No

### NFIP Statistics

CID Communities	6
NFIP Communities	4
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Chaco



**Risk Rank:** Low

### Description

The Chaco watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 7,076 acres have burned during 5 wildfire events over the last ten years.

### Lidar Data Availability

The BLM anticipates collecting USGS QL2 lidar in FY 2017 for a portion of the east central part of the watershed.

### Counties

McKinley, Rio Arriba, San Juan, Sandoval

### Communities

No communities within this watershed.

### Tribal Nations

Jicarilla Apache Nation Reservation, Navajo Nation

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

None.

### Watershed 14080106

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	67%
Low	11%
Moderate	2%
High	0%
Very High	0%
Non-Burnable	20%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	5
Acres Burned 2006-2016	7,076

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.01%
Intermix	1.59%
Acres	
Interface	409
Intermix	46,412
WUI Addressed Structures	699

#### Communities at Risk from Wildland Fire

High Risk	0
Medium Risk	3
Low Risk	2

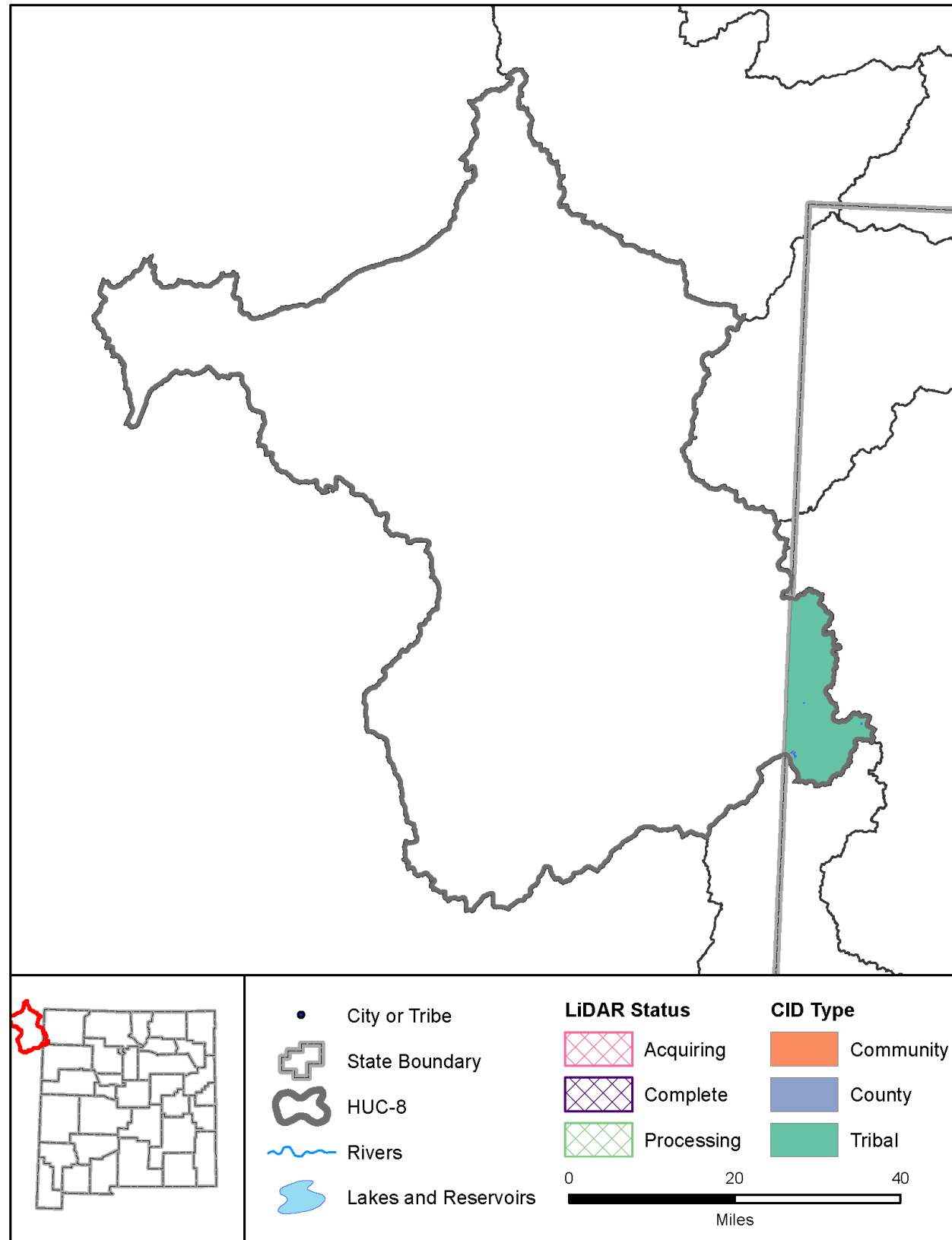
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	9
Very High Priority	1

#### Vegetation Treatments 2006-2016

Acres Treated	58,240
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## Chinle



### Description

The Chinle watershed is home to approximately 1,000 people in New Mexico and is located on the northwestern border of the state. The watershed is entirely tribal land with less than 4% of the watershed within New Mexico. The New Mexico portion of the watershed is located in the Chuska Mountains. Within New Mexico, Whiskey Creek is the primary hydrologic feature with smaller intermittent tributaries. There is no FIRM data or lidar data for the watershed. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

San Juan

### Communities

No communities within this watershed.

### Tribal Nations

Navajo Nation

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 14080204

#### Watershed Characteristics

Area (sq mi)	4,113
Population in NM	1,099
CNMS Streams (mi)	0
Maximum Elevation (feet)	9,414
Minimum Elevation (feet)	7,253
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	3.52 %
Private	0 %
State	0 %
Tribal	99.98 %
Federal	0 %
States	AZ, NM, UT

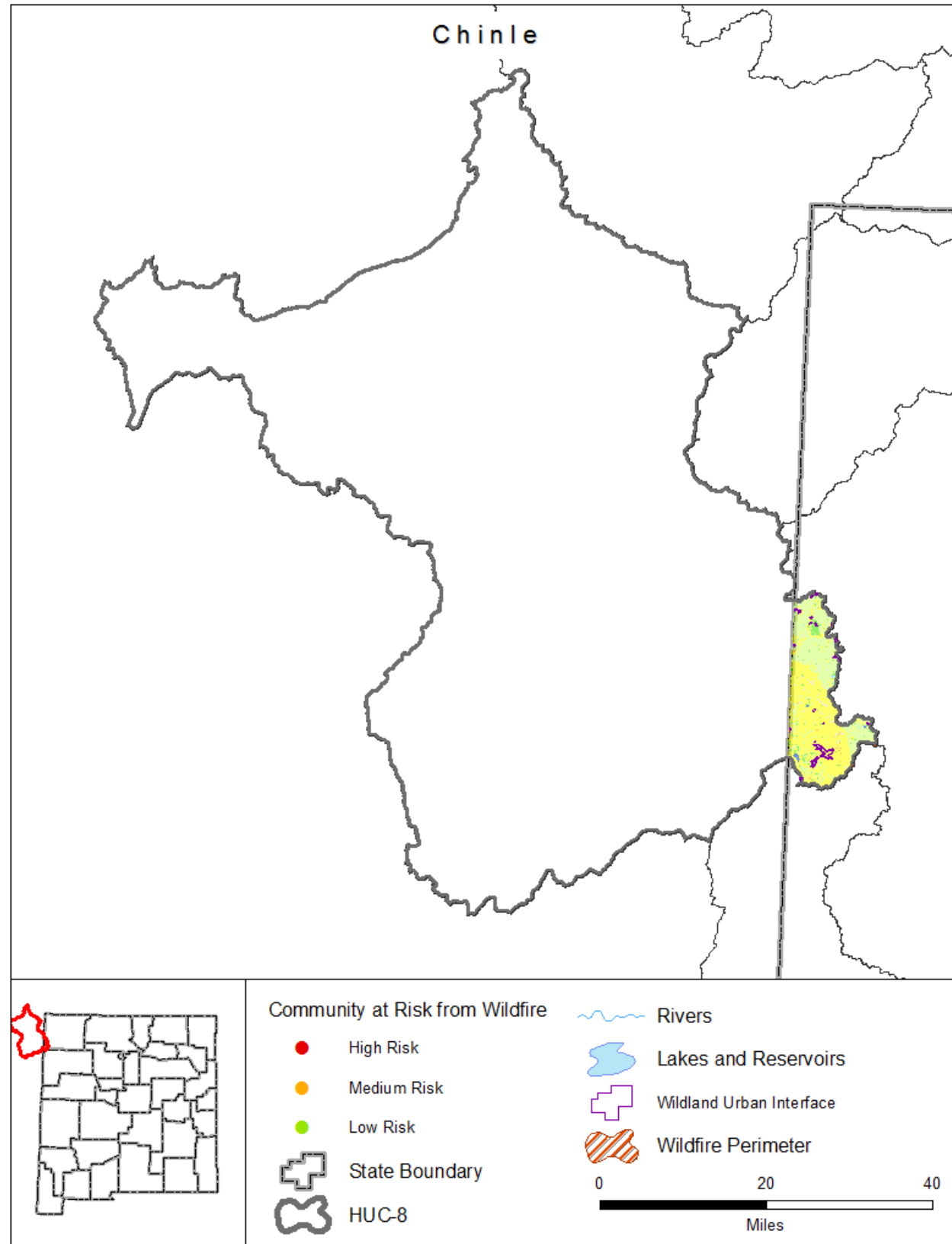
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	2
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Chinle



**Risk Rank:** Low

**Description**

The Chinle watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**

No significant lidar available.

**Counties**

San Juan

**Communities**

No communities within this watershed.

**Tribal Nations**

Navajo Nation

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

### Watershed 14080204

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	5%
Low	39%
Moderate	53%
High	0%
Very High	0%
Non-Burnable	2%
Water	1%

**Watershed Characteristics**

Wildfires 2006-2016	1
Acres Burned 2006-2016	36

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	1.77%
	Acres
Interface	2
Intermix	1,637
WUI Addressed Structures	41

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

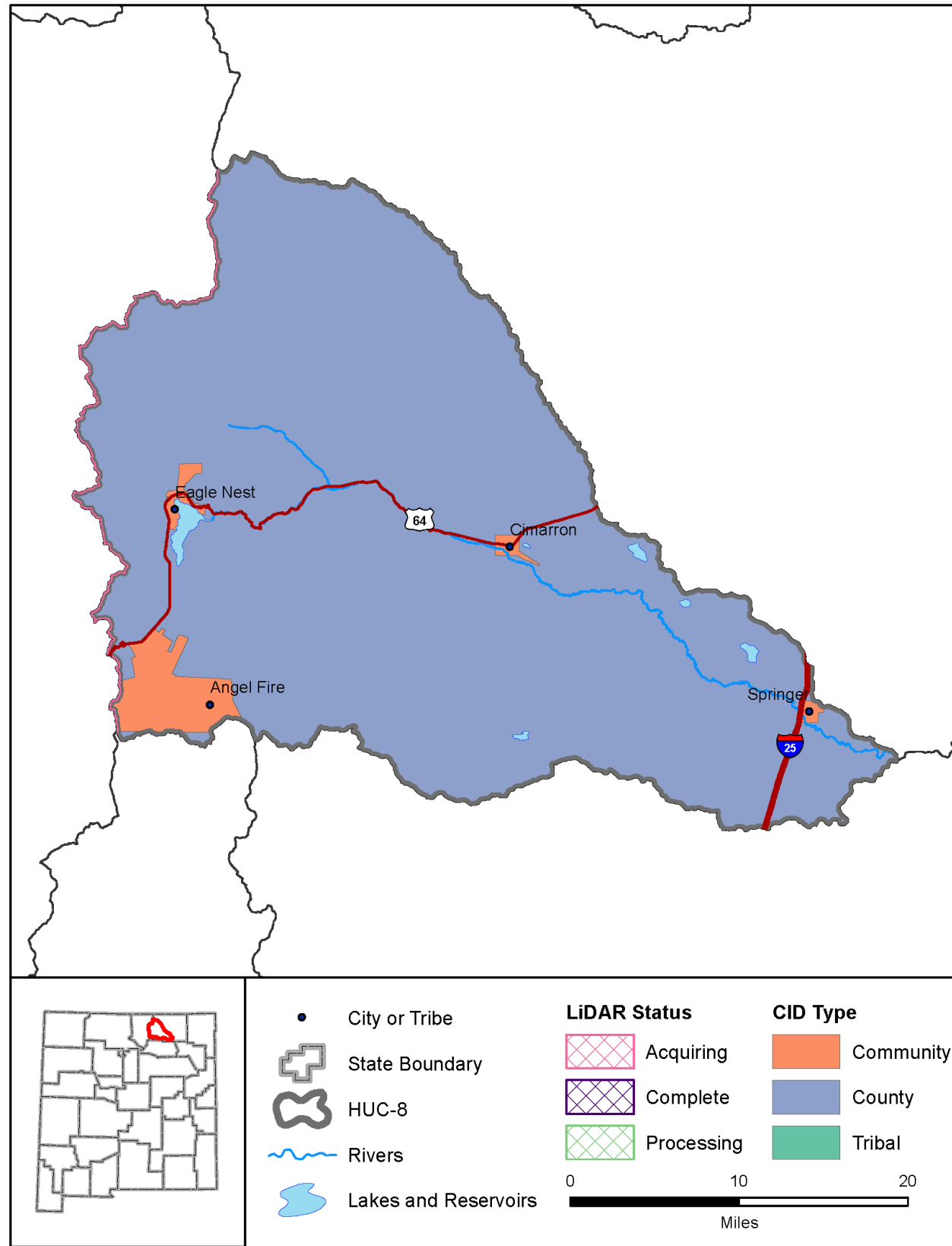
High Priority	5
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Cimarron



### Description

The Cimarron watershed is home to approximately 14,000 people in northeastern New Mexico. The watershed is topographically varied with a change in elevation of almost 7,000 feet and is bordered on the western side by the Sangre De Cristo Mountain Range and the Park Plateau along the northeastern boundary. Additionally, the Cimarron Range is located within this watershed. The primary hydrologic features are the Cimarron River and Eagle Nest and Miami Lake. The watershed has limited FIRM data. There is no lidar data available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Colfax, Taos

### Communities

Angel Fire, Cimarron, Eagle Nest, Springer

### Tribal Nations

Taos Pueblo

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11080002

#### Watershed Characteristics

Area (sq mi)	1,049
Population in NM	3,837
CNMS Streams (mi)	104
Maximum Elevation (feet)	12,575
Minimum Elevation (feet)	5,671
High Hazard Potential Dams	10
Significant Hazard Potential Dams	1
Low Hazard Potential Dams	5

#### Ownership

Percent in New Mexico	100 %
Private	82.75 %
State	2.03 %
Tribal	0.01 %
Federal	15.21 %
States	NM

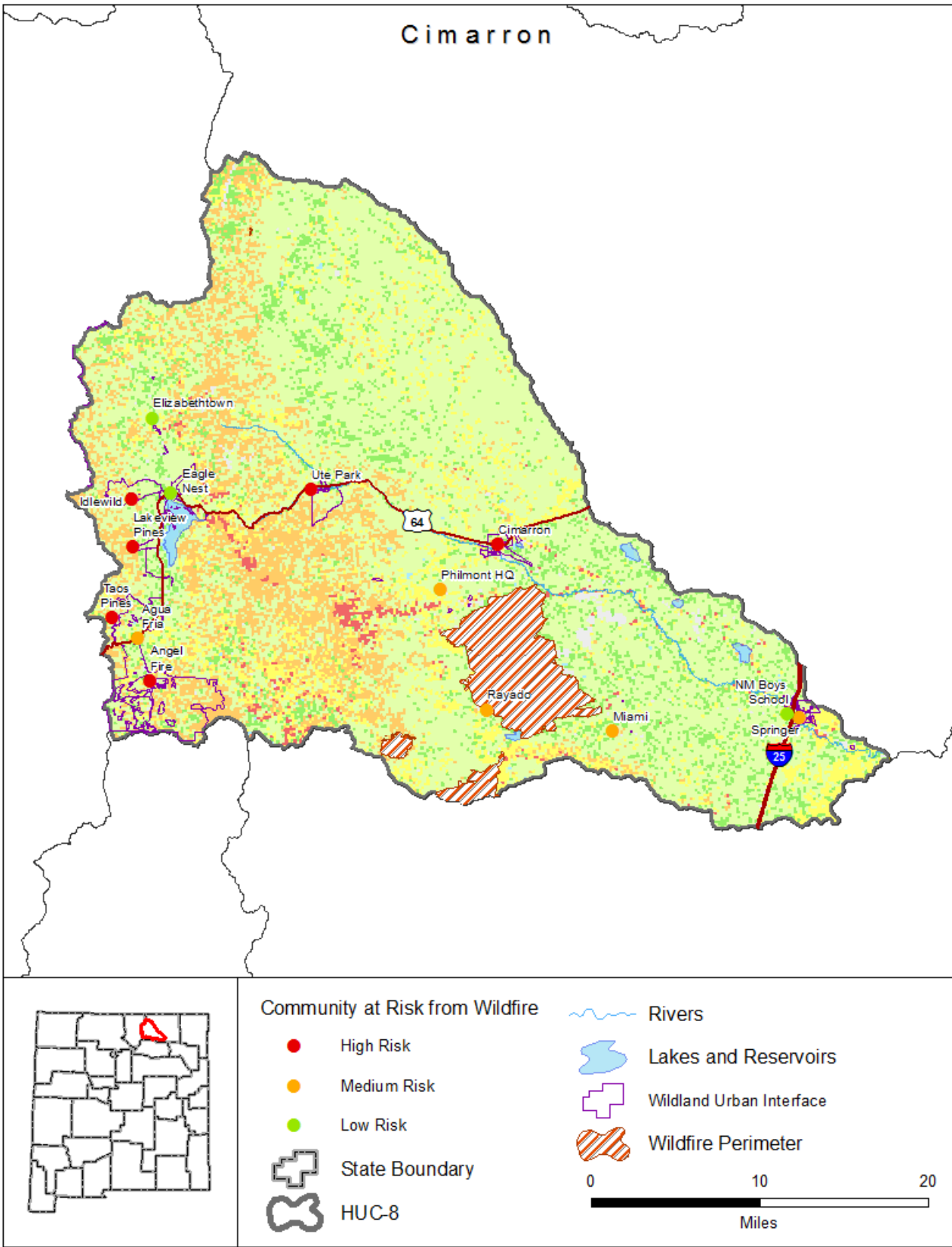
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	7
NFIP Communities	5
NFIP Policies	10
Policies within the SFHA	3
Policies outside of the SFHA	7
NFIP Premium Total	\$ 6,714
NFIP Claims	2
Claims within the SFHA	0
Claims outside of the SFHA	2
Paid Claims	\$ 12,288
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Cimarron



Risk Rank: High

**Description**

The Cimarron watershed is at high risk of wildfire and the communities of Angel Fire, Cimarron, Idlewild, Lakeview Pines, Taos Pines, Ute Park were identified as high risk in the local Community Wildfire Protection Plan. A total of 31,724 acres have burned during 4 wildfire events over the last ten years. Lidar data will be collected in FY 2017 by NRCS.

**Lidar Data Availability**

USGS Quality Level 2 lidar data will be collected in FY 2017 by NRCS.

**Counties**

Colfax, Taos

**Communities**

Angel Fire, Cimarron, Eagle Nest, Springer

**Tribal Nations**

Taos Pueblo

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Angel Fire, Cimarron, Idlewild, Lakeview Pines, Taos Pines, Ute Park

**Watershed 11080002**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	14%
Low	58%
Moderate	10%
High	14%
Very High	1%
Non-Burnable	1%
Water	1%

**Watershed Characteristics**

Wildfires 2006-2016	4
Acres Burned 2006-2016	31,724

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.12%
Intermix	3.87%
Acres	
Interface	821
Intermix	26,023
WUI Addressed Structures	286

**Communities at Risk from Wildland Fire**

High Risk	6
Medium Risk	5
Low Risk	3

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	13
Very High Priority	4

**Vegetation Treatments 2006-2016**

Acres Treated	7,040
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## Cimarron Headwaters

### Description

The Cimarron Headwaters watershed is home to approximately 500 people in northeastern New Mexico. Topographically, the watershed is bound by the Pinon Ridge, multiple mesas and multiple canyons. The primary hydrologic feature is the Cimarron River. The watershed has no FIRM or FHBM data. There is no lidar data available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Colfax, Union

### Communities

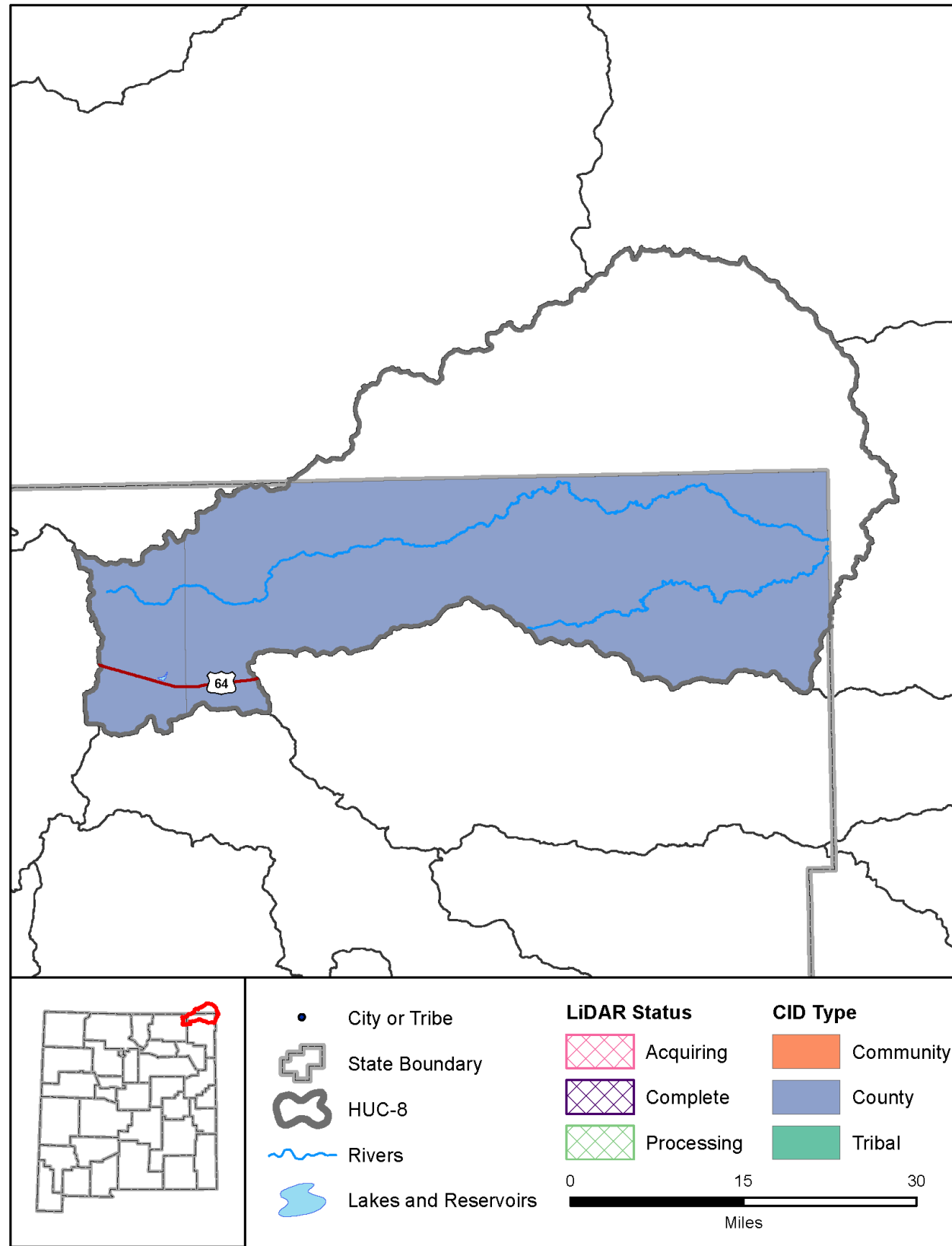
No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.



### Watershed 11040001

#### Watershed Characteristics

Area (sq mi)	1,677
Population in NM	480
CNMS Streams (mi)	0
Maximum Elevation (feet)	8,716
Minimum Elevation (feet)	4,326
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	58.81 %
Private	78.6 %
State	21.22 %
Tribal	0 %
Federal	0.16 %
States	CO, NM, OK

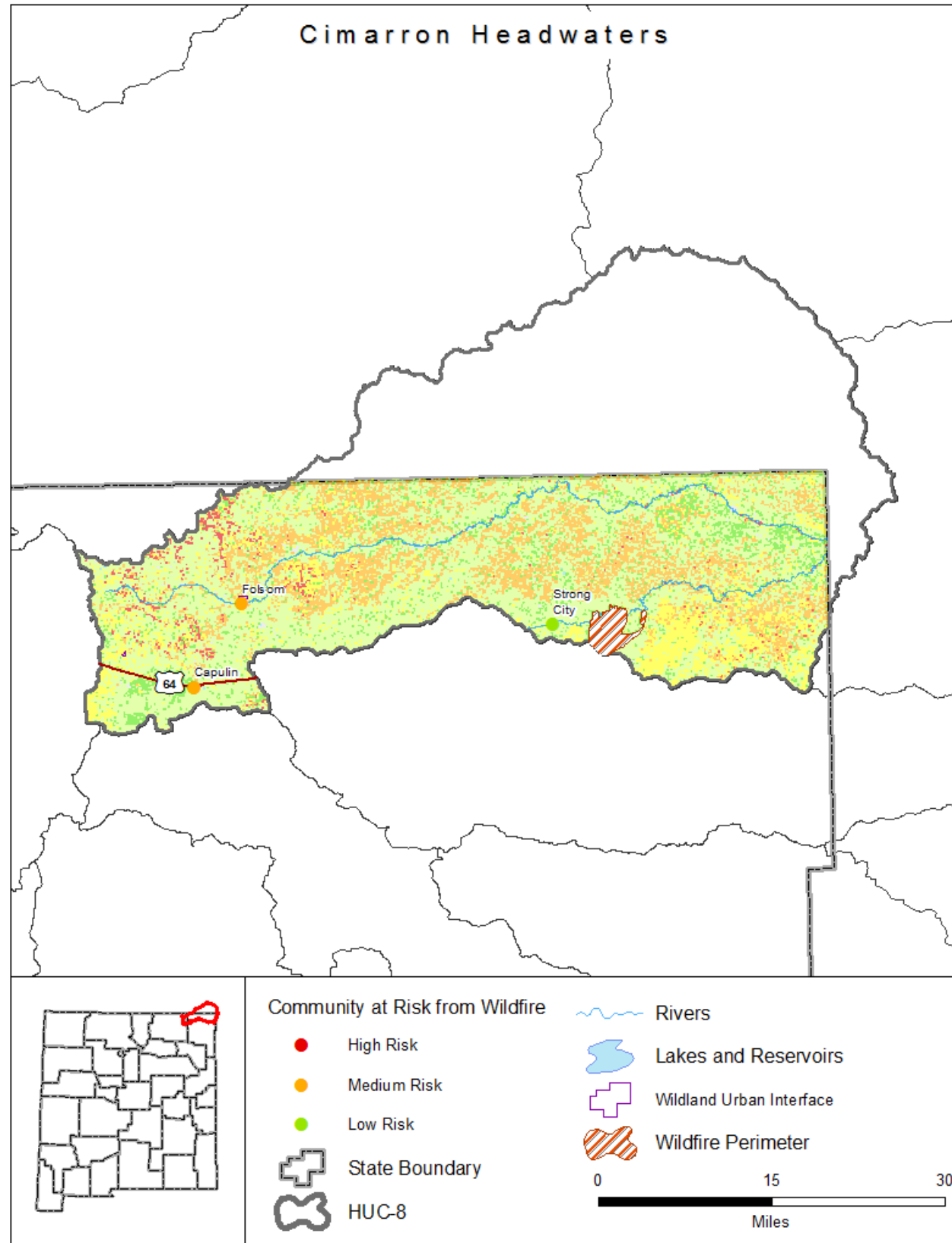
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	2
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Cimarron Headwaters



**Risk Rank: Medium**

**Description**

The Cimarron Headwaters watershed is at medium risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 7,638 acres have burned during 1 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Colfax, Union

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 11040001**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	11%
Low	54%
Moderate	13%
High	19%
Very High	2%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	1
Acres Burned 2006-2016	7,638

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0.07%
Acres	
Interface	16
Intermix	473
WUI Addressed Structures	20

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	2
Low Risk	1

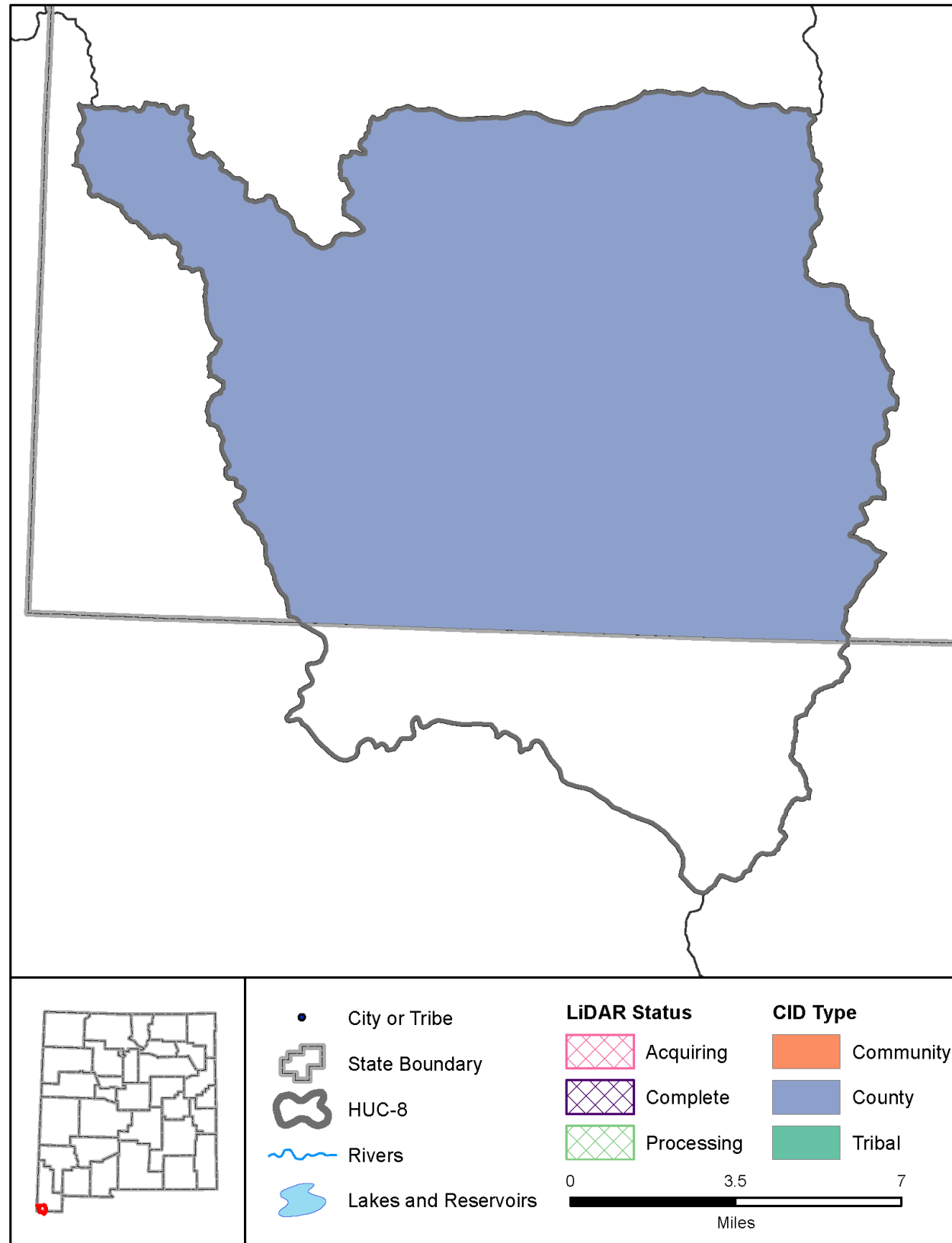
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	2
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Cloverdale



### Description

The Cloverdale watershed is home to fewer than 100 people and is located on the southwestern border of New Mexico. The watershed is bound by the Guadalupe Mountains and the San Luis Mountains. The major hydrologic feature is Cloverdale Creek with smaller intermittent tributaries. There is no FIRM data or FHBM data within the watershed and no large area lidar data. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Hidalgo

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066993.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066993.pdf)

### Watershed 15080303

#### Watershed Characteristics

Area (sq mi)	183
Population in NM	35
CNMS Streams (mi)	0
Maximum Elevation (feet)	6,788
Minimum Elevation (feet)	5,149
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	80.57 %
Private	81.91 %
State	1.03 %
Tribal	0 %
Federal	17.06 %
States	NM, MX

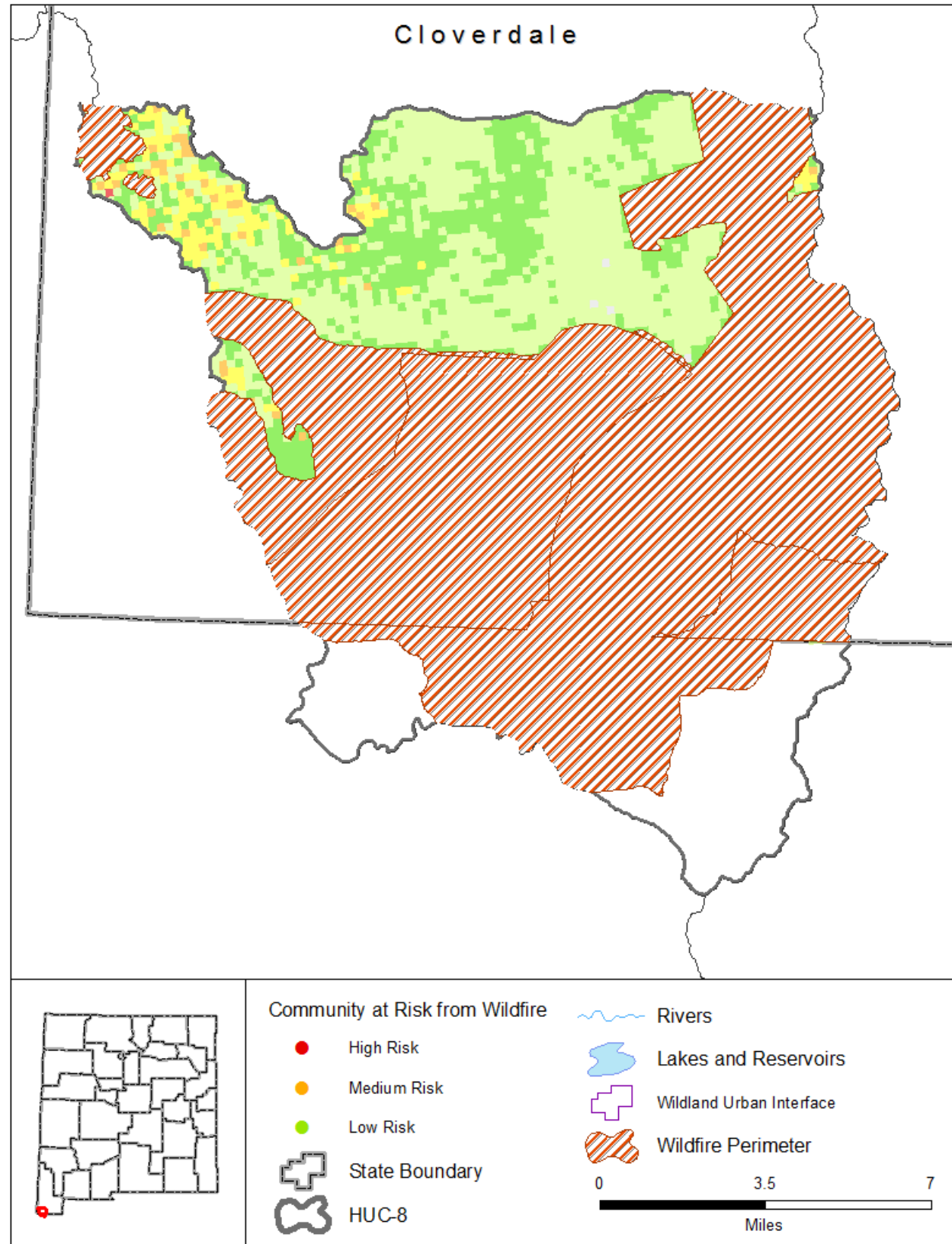
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	1
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Cloverdale



**Risk Rank:** Low

**Description**

The Cloverdale watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 87,596 acres have burned during 17 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Hidalgo

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

**Communities at High Risk of Wildland Fire**  
None.

**Watershed 15080303**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	72%
Low	23%
Moderate	3%
High	1%
Very High	0%
Non-Burnable	0%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	17
Acres Burned 2006-2016	87,596

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
Acres	
Interface	0
Intermix	0
WUI Addressed Structures	0

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

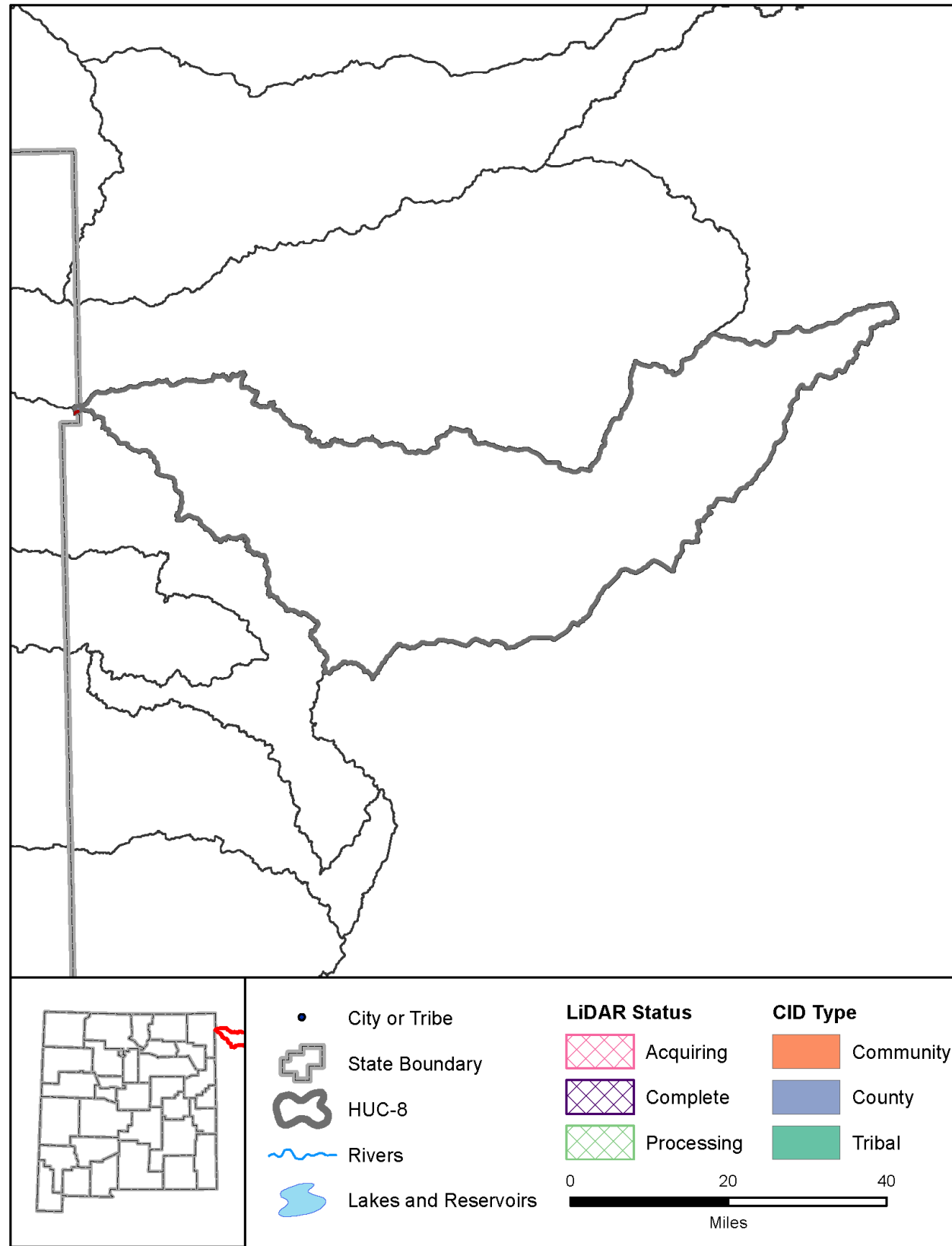
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	13,440
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## Coldwater



### Description

The Coldwater watershed contains less than 1 square mile within New Mexico. Unless requested by local officials, future flood studies should be coordinated by either Texas or Oklahoma.

### Lidar Data Availability

No significant lidar available.

### Counties

Union

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11100103

#### Watershed Characteristics

Area (sq mi)	1,964
Population in NM	23
CNMS Streams (mi)	0
Maximum Elevation (feet)	4,787
Minimum Elevation (feet)	4,734
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	0.04 %
Private	71.44 %
State	0 %
Tribal	0 %
Federal	27.4 %
States	TX, OK, NM

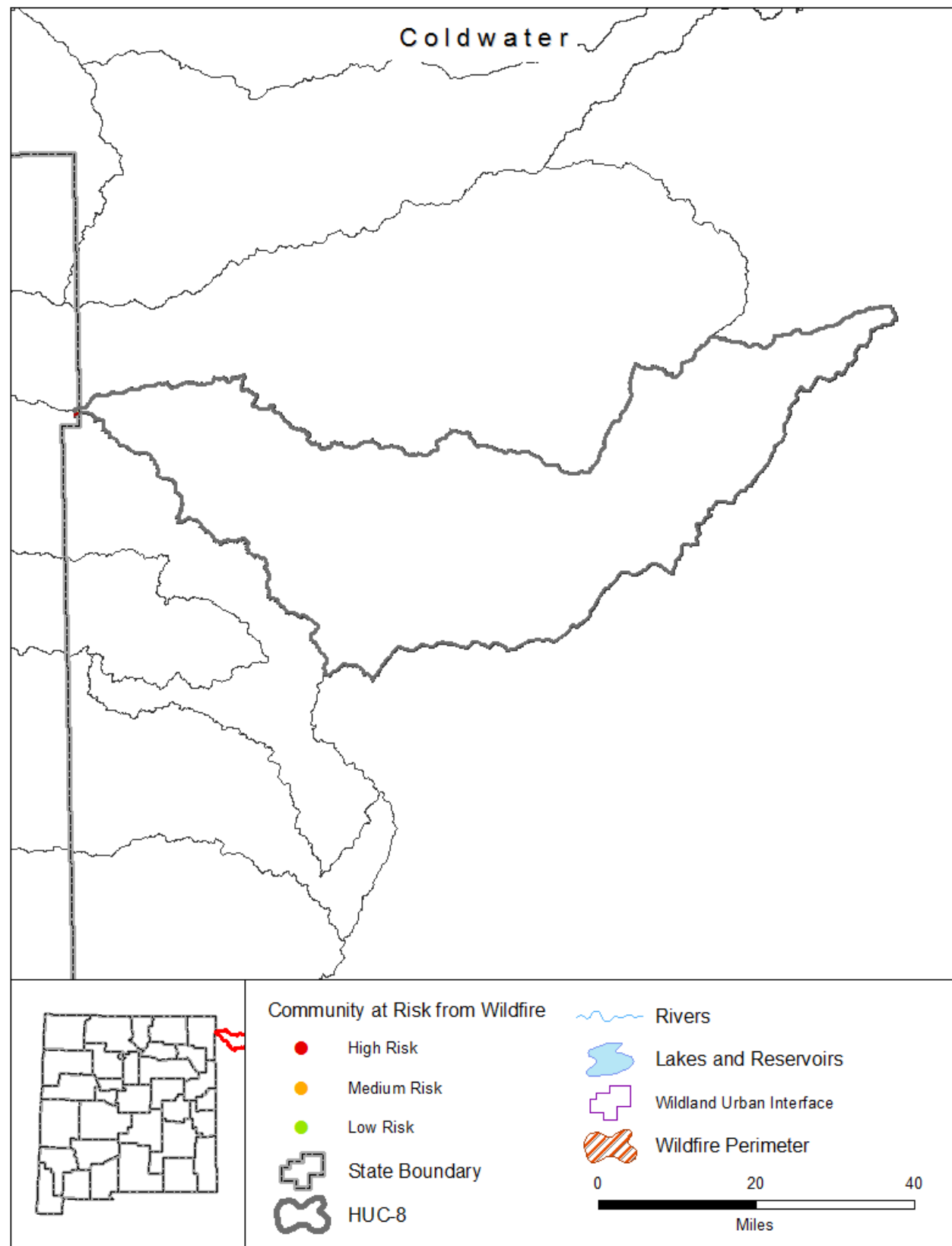
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	1
NFIP Communities	0
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Coldwater



**Risk Rank:** Low

**Description**

The Coldwater watershed contains less than 1 square mile within New Mexico. It is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Union

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

### Watershed 11100103

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	25%
Low	52%
Moderate	0%
High	0%
Very High	0%
Non-Burnable	23%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	0
Acres Burned 2006-2016	0

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
	Acres
Interface	0
Intermix	0
WUI Addressed Structures	0

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

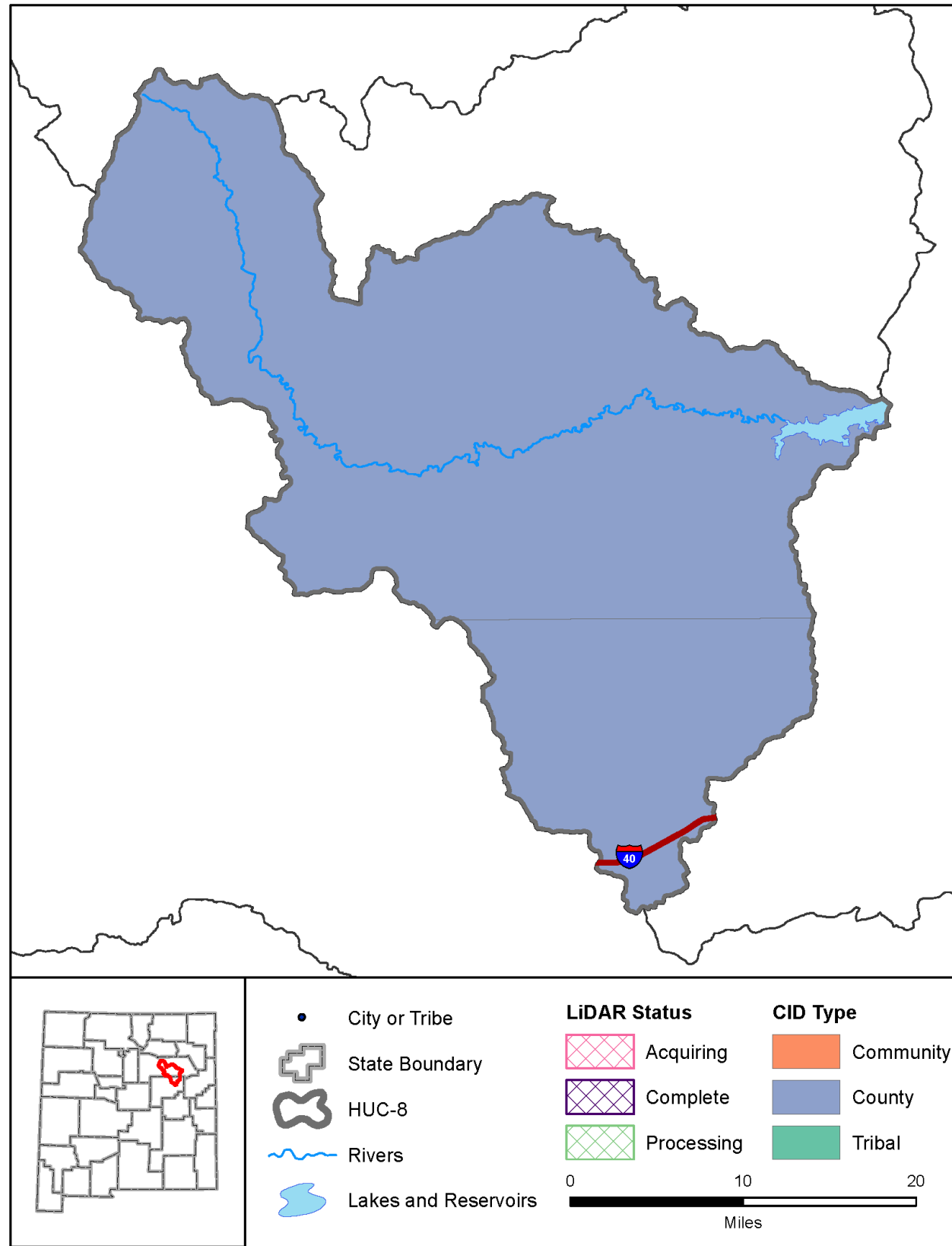
High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Conchas



### Description

The Upper Canadian-Ute Reservoir watershed is home to approximately 500 people in northeastern New Mexico. Topographically, this area includes many mesas, valleys and arroyos. The primary hydrologic features include Conchas Lake, Conchas River, Corazon Creek, and many tributaries and estuaries. There is extensive FIRM data within San Miguel County but none in Guadalupe. There is no lidar data available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Guadalupe, San Miguel

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11080005

#### Watershed Characteristics

Area (sq mi)	1,016
Population in NM	462
CNMS Streams (mi)	354
Maximum Elevation (feet)	6,996
Minimum Elevation (feet)	4,130
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	100 %
Private	88.91 %
State	9.95 %
Tribal	0 %
Federal	1.14 %
States	NM

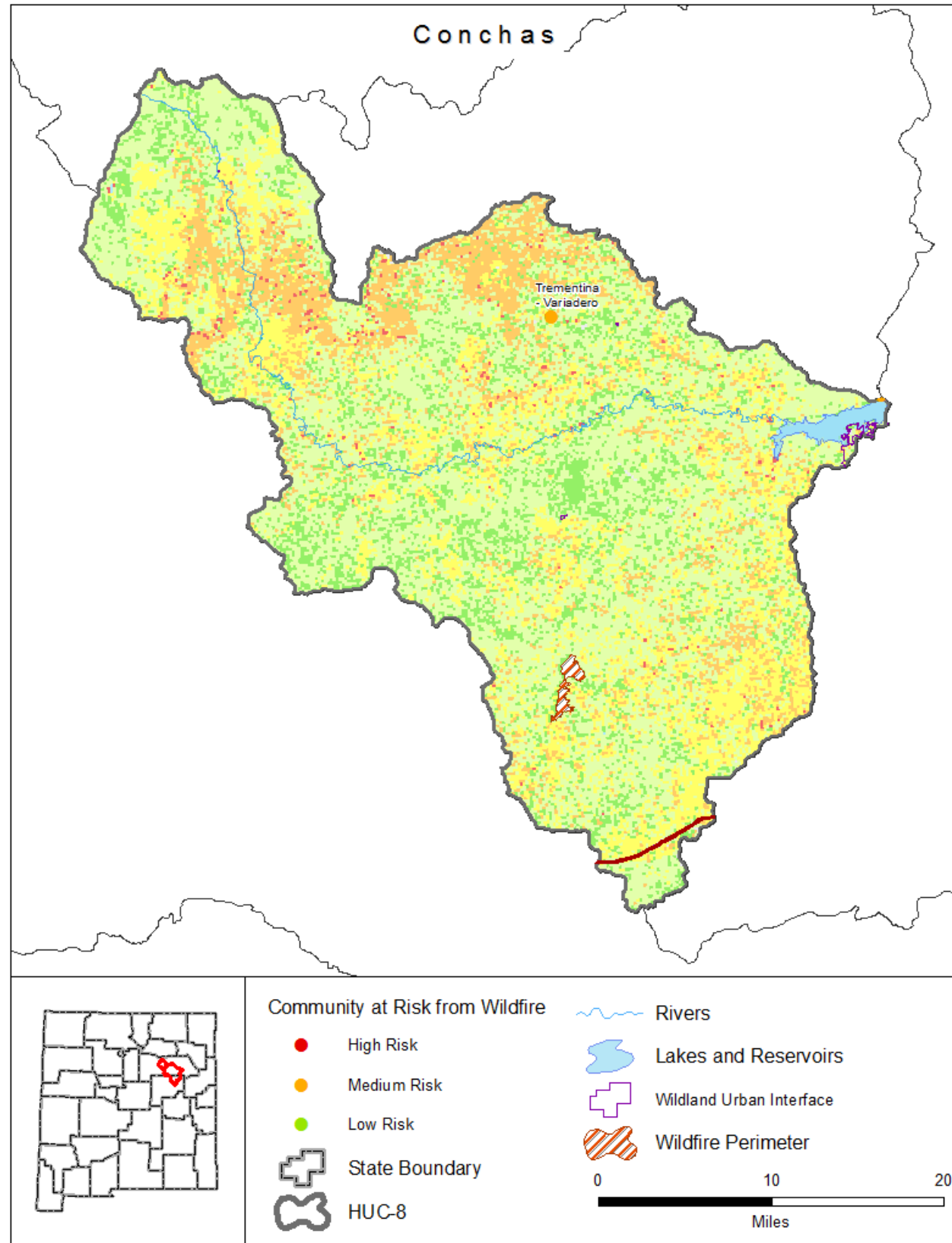
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	2
NFIP Communities	1
NFIP Policies	8
Policies within the SFHA	8
Policies outside of the SFHA	0
NFIP Premium Total	\$ 9,225
NFIP Claims	1
Claims within the SFHA	1
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Conchas



**Risk Rank: Medium**

### Description

The Conchas watershed is at medium risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 1,536 acres have burned during 1 wildfire event over the last ten years.

### Lidar Data Availability

No significant lidar available.

### Counties

Guadalupe, San Miguel

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

None.

### Watershed 11080005

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	15%
Low	50%
Moderate	20%
High	13%
Very High	1%
Non-Burnable	0%
Water	1%

#### Watershed Characteristics

Wildfires 2006-2016	1
Acres Burned 2006-2016	1,536

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0.19%
Acres	
Interface	8
Intermix	1,263
WUI Addressed Structures	47

#### Communities at Risk from Wildland Fire

High Risk	0
Medium Risk	1
Low Risk	0

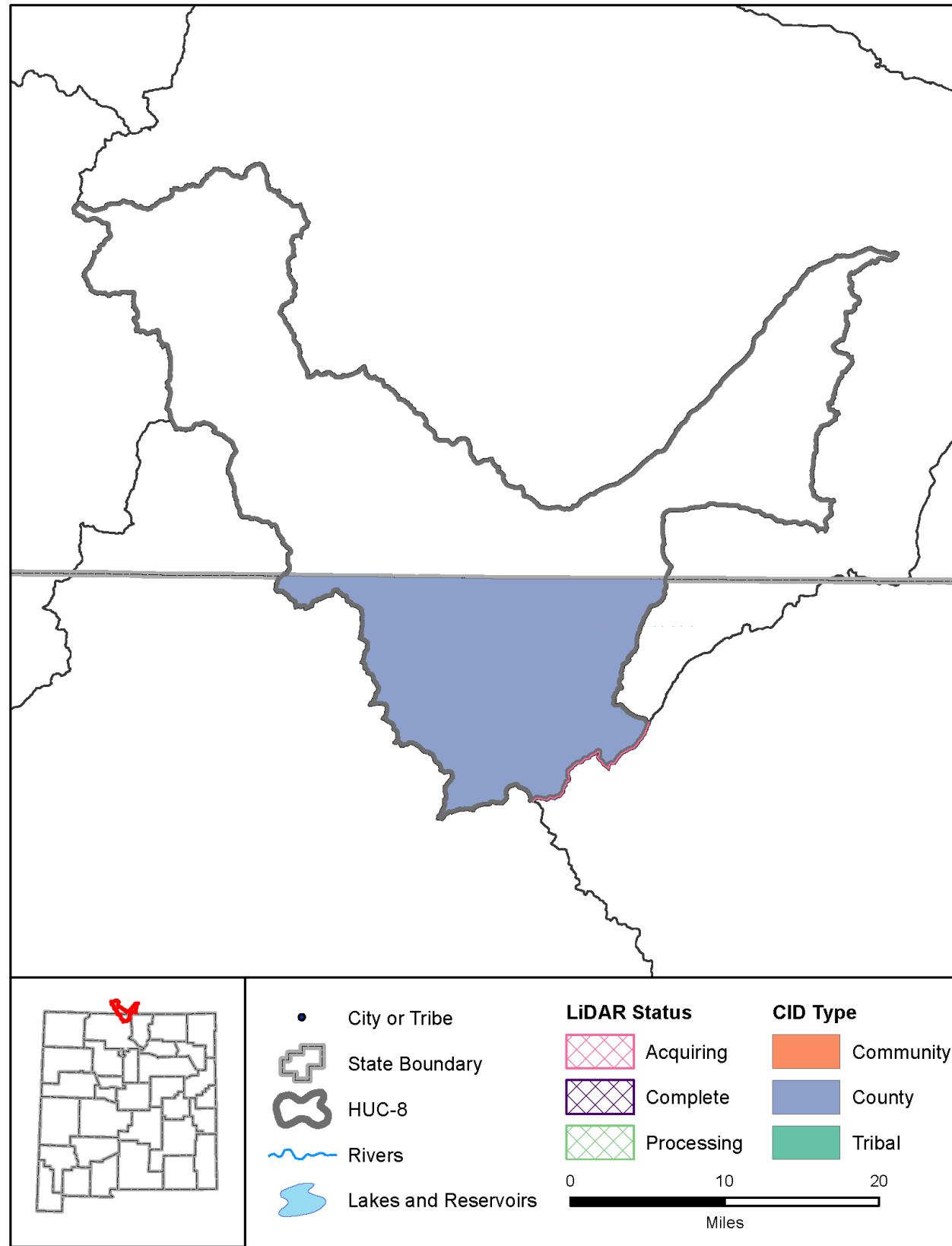
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	1
Very High Priority	0

#### Vegetation Treatments 2006-2016

Acres Treated	0
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## Conejos



### Description

The Conejos watershed is home to approximately 1,000 people along the northern border of New Mexico. The watershed has significant topographic relief from the San Juan Mountains. The Conejos River, Rio San Antonio, and Rio de los Pinos, are the major hydrologic features. FIRM data is limited within the watershed. No lidar data is available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Rio Arriba, Taos

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 13010005

#### Watershed Characteristics

Area (sq mi)	767
Population in NM	983
CNMS Streams (mi)	13
Maximum Elevation (feet)	11,110
Minimum Elevation (feet)	7,976
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	30.18 %
Private	5.86 %
State	1.3 %
Tribal	0 %
Federal	92.83 %
States	CO, NM

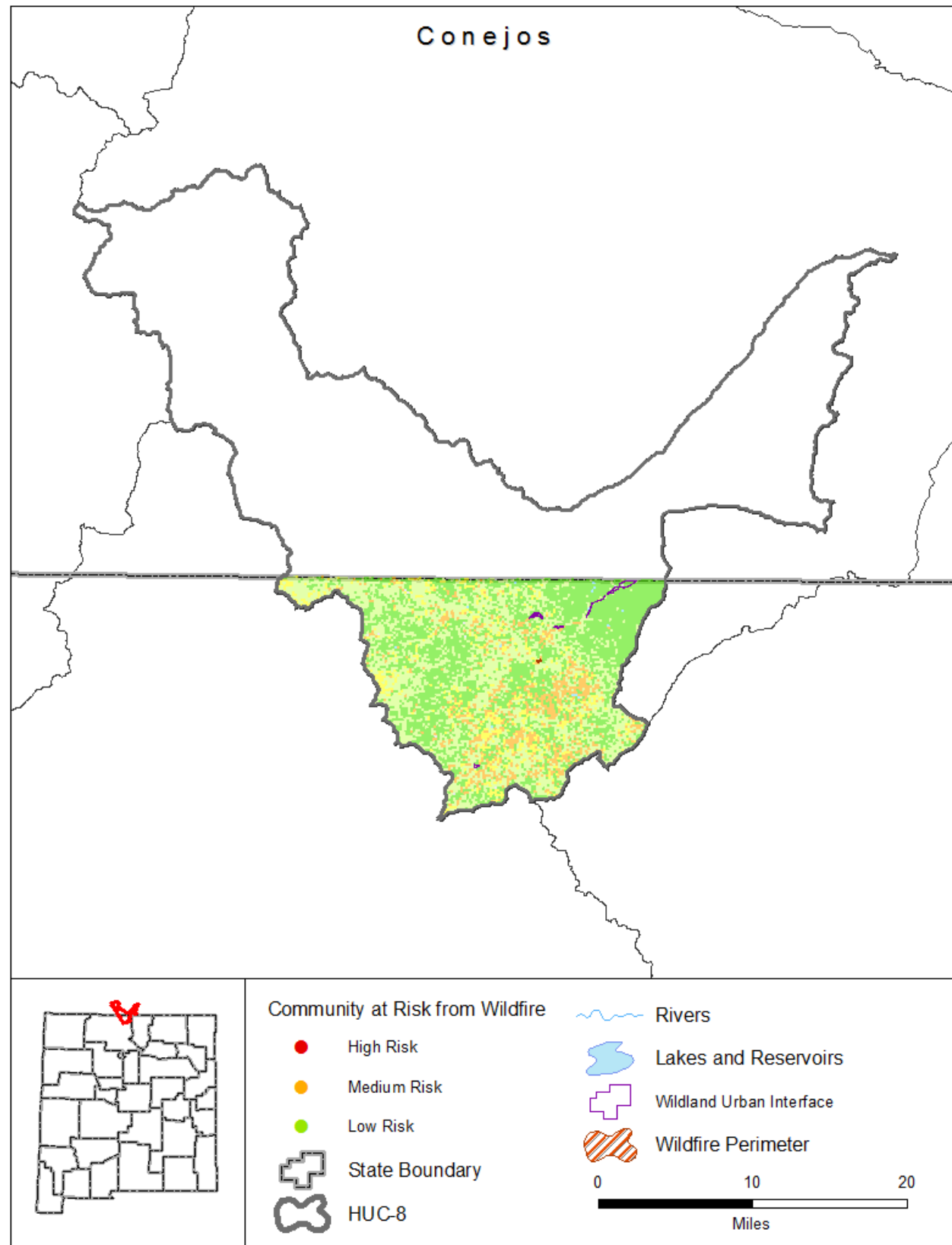
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	2
NFIP Communities	2
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Conejos



**Risk Rank:** Low

### Description

The Conejos watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for the New Mexico portion of the watershed in FY 2017.

### Counties

Rio Arriba, Taos

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

None.

### Watershed 13010005

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	42%
Low	39%
Moderate	8%
High	10%
Very High	0%
Non-Burnable	0%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	1
Acres Burned 2006-2016	23

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.24%
Intermix	0.06%
	Acres
Interface	351
Intermix	85
WUI Addressed Structures	4

#### Communities at Risk from Wildland Fire

High Risk	0
Medium Risk	0
Low Risk	0

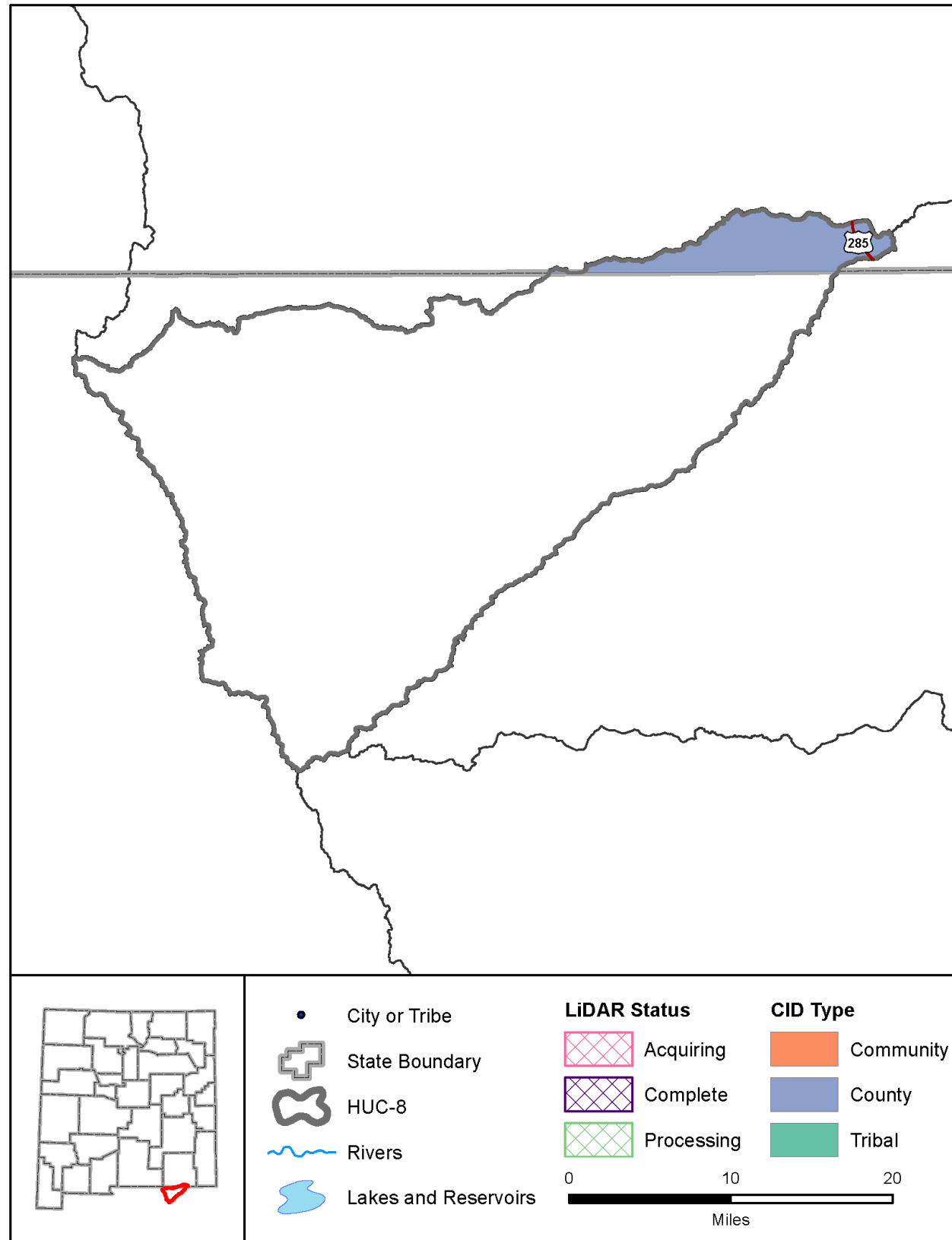
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	3
Very High Priority	0

#### Vegetation Treatments 2006-2016

Acres Treated	2,560
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## Delaware



### Description

The Delaware watershed is home to less than 200 people in New Mexico and is located along the southern border of the state. Less than 6% of the watershed is located within New Mexico. The watershed has little topographic relief. The Delaware River is the primary hydrologic feature with smaller intermittent tributaries. FIRM data is available within Eddy County but no lidar data is available. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Eddy

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_067593.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_067593.pdf)

## Watershed 13070002

### Watershed Characteristics

Area (sq mi)	787
Population in NM	138
CNMS Streams (mi)	19
Maximum Elevation (feet)	3,736
Minimum Elevation (feet)	2,843
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

### Ownership

Percent in New Mexico	5.72 %
Private	6.71 %
State	34.87 %
Tribal	0 %
Federal	58.31 %
States	TX, NM

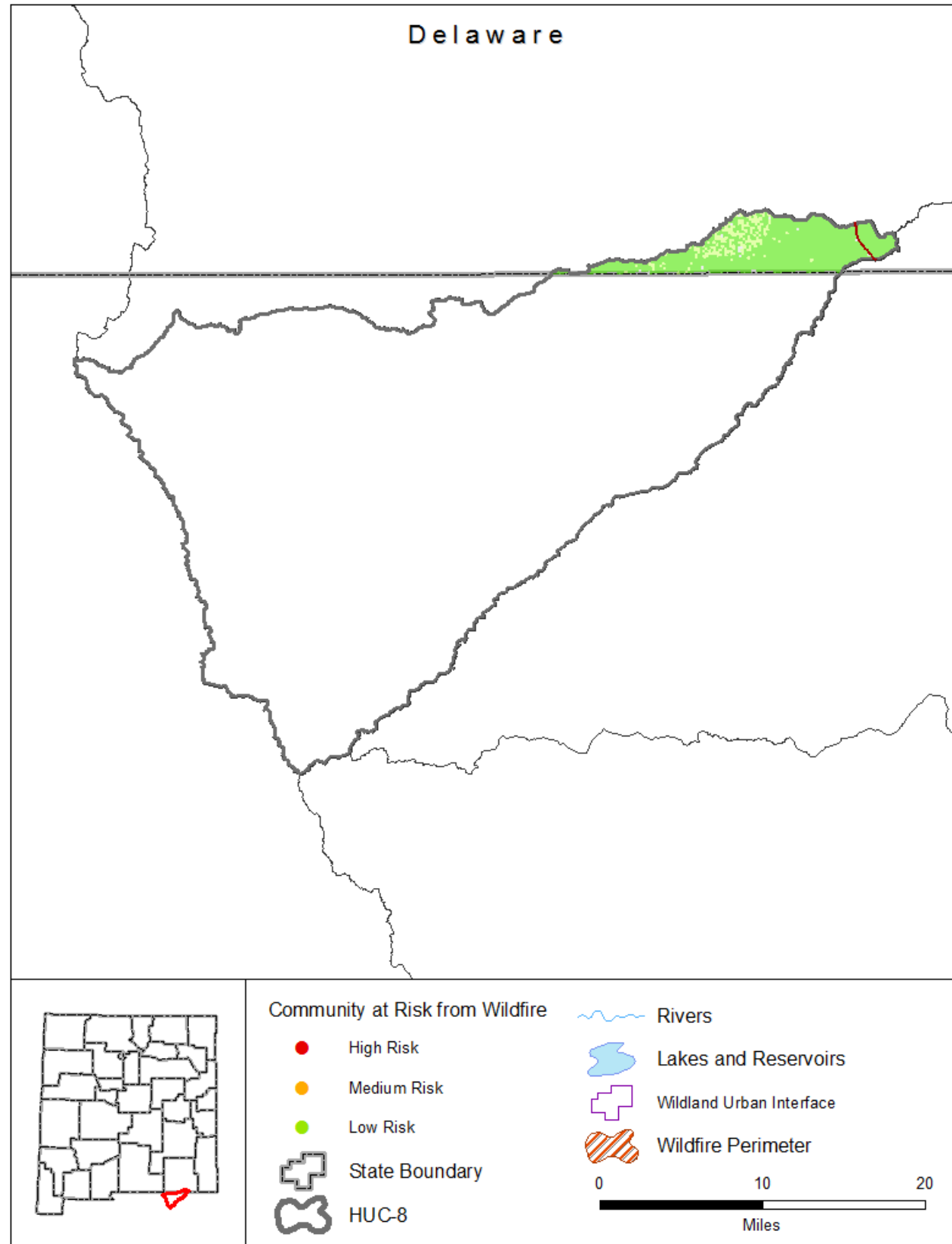
### Flood Maps

DFIRM Available	Yes
FHBM Available	No

### NFIP Statistics

CID Communities	1
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Delaware



**Risk Rank:** Low

**Description**

The Delaware watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Eddy

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

### Watershed 13070002

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	87%
Low	12%
Moderate	0%
High	0%
Very High	0%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	0
Acres Burned 2006-2016	0

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
	Acres
Interface	0
Intermix	0
WUI Addressed Structures	0

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

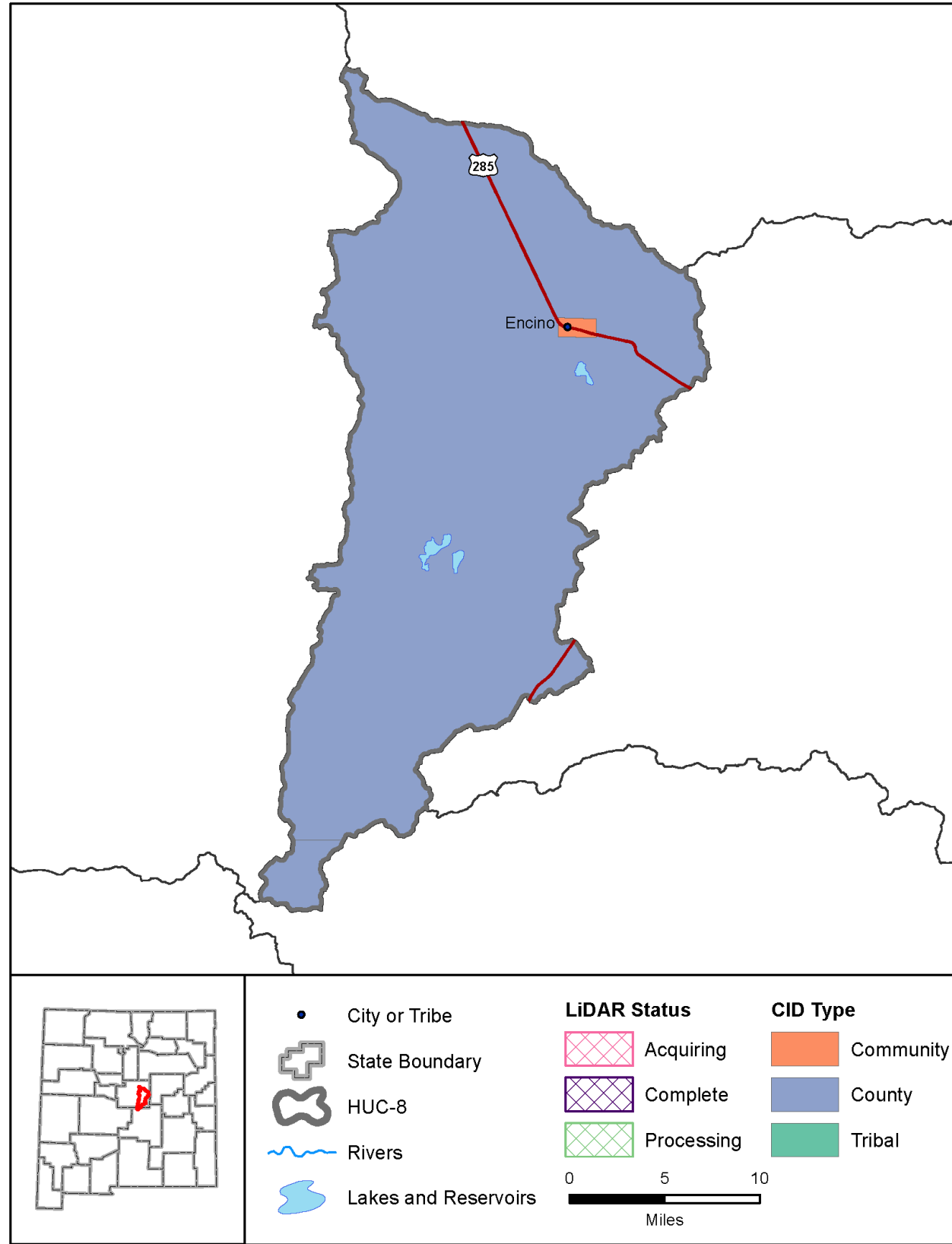
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	5,120
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## Eastern Estancia



### Description

The Eastern Estancia watershed is home to fewer than 400 people in central New Mexico. There are no named streams within the watershed. The watershed has limited FHBM and no FIRM data. No lidar data is available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Lincoln, Torrance

### Communities

Encino

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_068018.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_068018.pdf)

## Watershed 13050002

### Watershed Characteristics

Area (sq mi)	514
Population in NM	347
CNMS Streams (mi)	14
Maximum Elevation (feet)	8,159
Minimum Elevation (feet)	5,987
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

### Ownership

Percent in New Mexico	100 %
Private	83.8 %
State	11.11 %
Tribal	0 %
Federal	5.09 %
States	NM

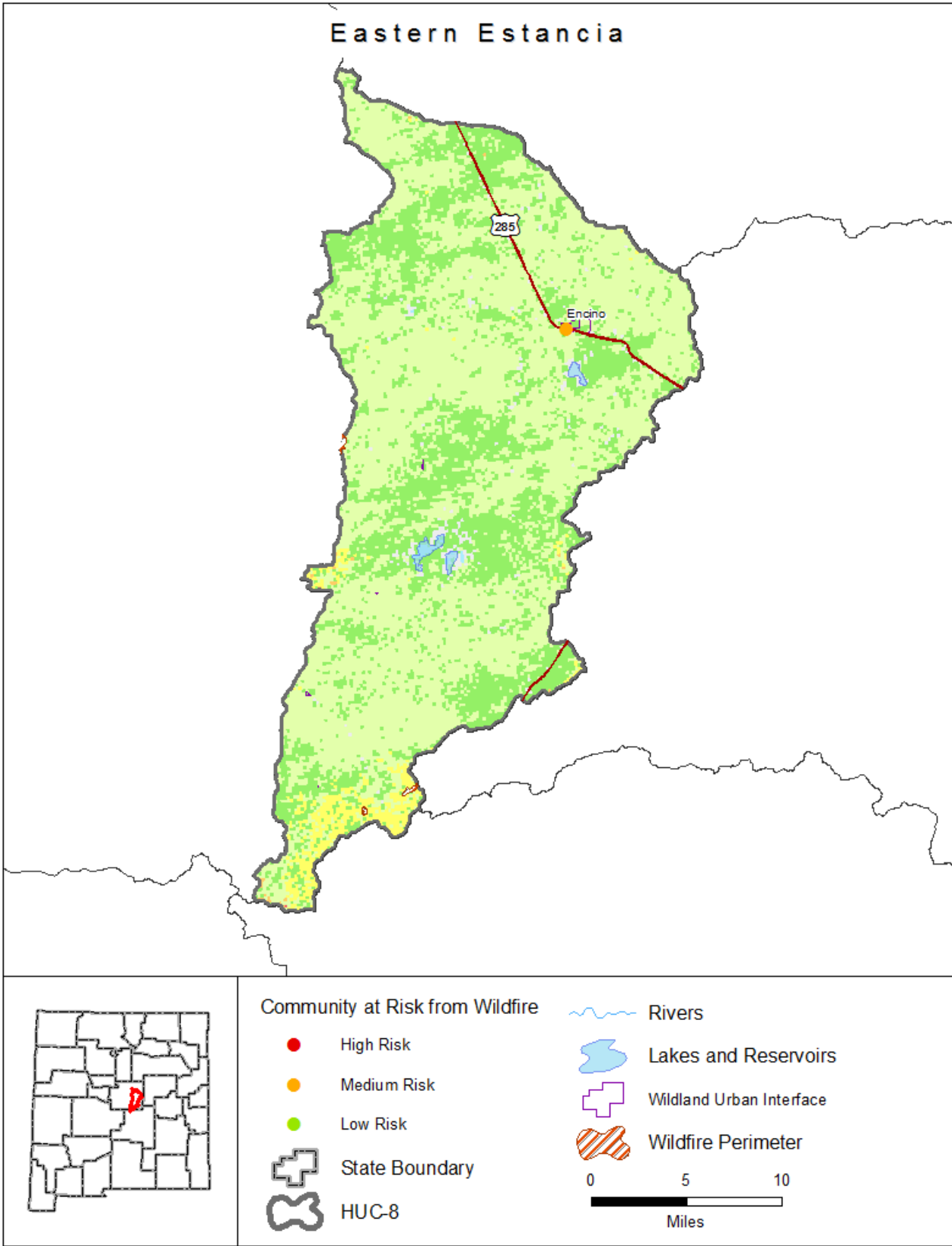
### Flood Maps

DFIRM Available	No
FHBM Available	Yes

### NFIP Statistics

CID Communities	3
NFIP Communities	2
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Eastern Estancia



**Risk Rank:** Low

**Description**

The Eastern Estancia watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Lincoln, Torrance

**Communities**

Encino

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 13050002**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	32%
Low	63%
Moderate	3%
High	0%
Very High	0%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	3
Acres Burned 2006-2016	269

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.01%
Intermix	0.13%
	Acres
Interface	23
Intermix	426
WUI Addressed Structures	20

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	1
Low Risk	0

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

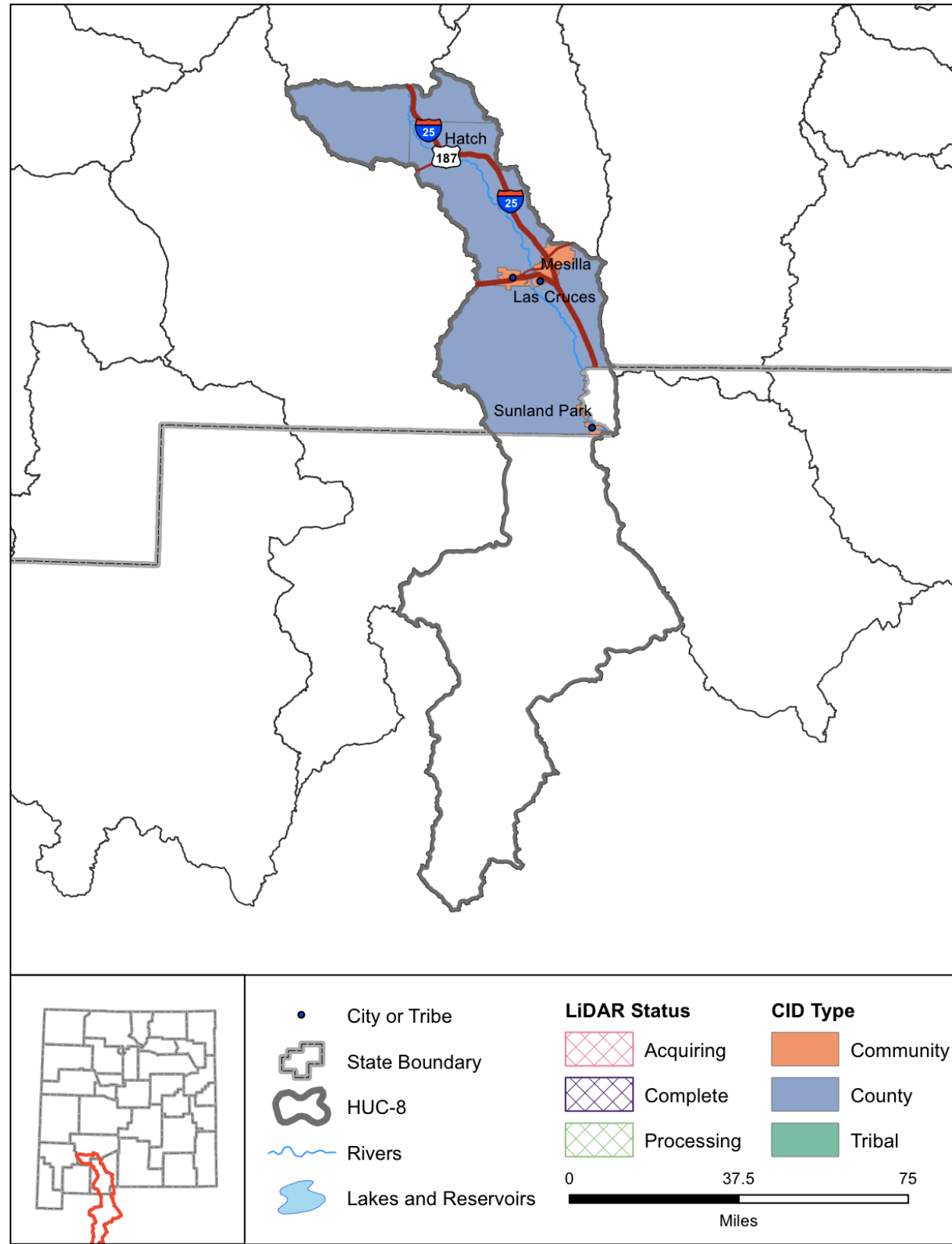
High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## El Paso-Las Cruces



### Description

The Las Cruces - El Paso watershed is home to approximately 300,000 people along the southern border of New Mexico. The watershed is bound by the San Andres Mountains to the east. The major hydrologic feature is the Rio Grande. FHBM data is available in Sierra County and Dona Ana county has preliminary FIRM data. There is no publically available lidar data for the watershed. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Dona Ana, Grant, Sierra

### Communities

Hatch, Las Cruces, Mesilla, Sunland Park

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_067592.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_067592.pdf)

### Watershed 13030102

#### Watershed Characteristics

Area (sq mi)	5,519
Population in NM	301,936
CNMS Streams (mi)	818
Maximum Elevation (feet)	9,626
Minimum Elevation (feet)	3,727
High Hazard Potential Dams	37
Significant Hazard Potential Dams	9
Low Hazard Potential Dams	9

#### Ownership

Percent in New Mexico	42.48 %
Private	25.23 %
State	13.98 %
Tribal	0 %
Federal	60.79 %
States	MX, NM, TX

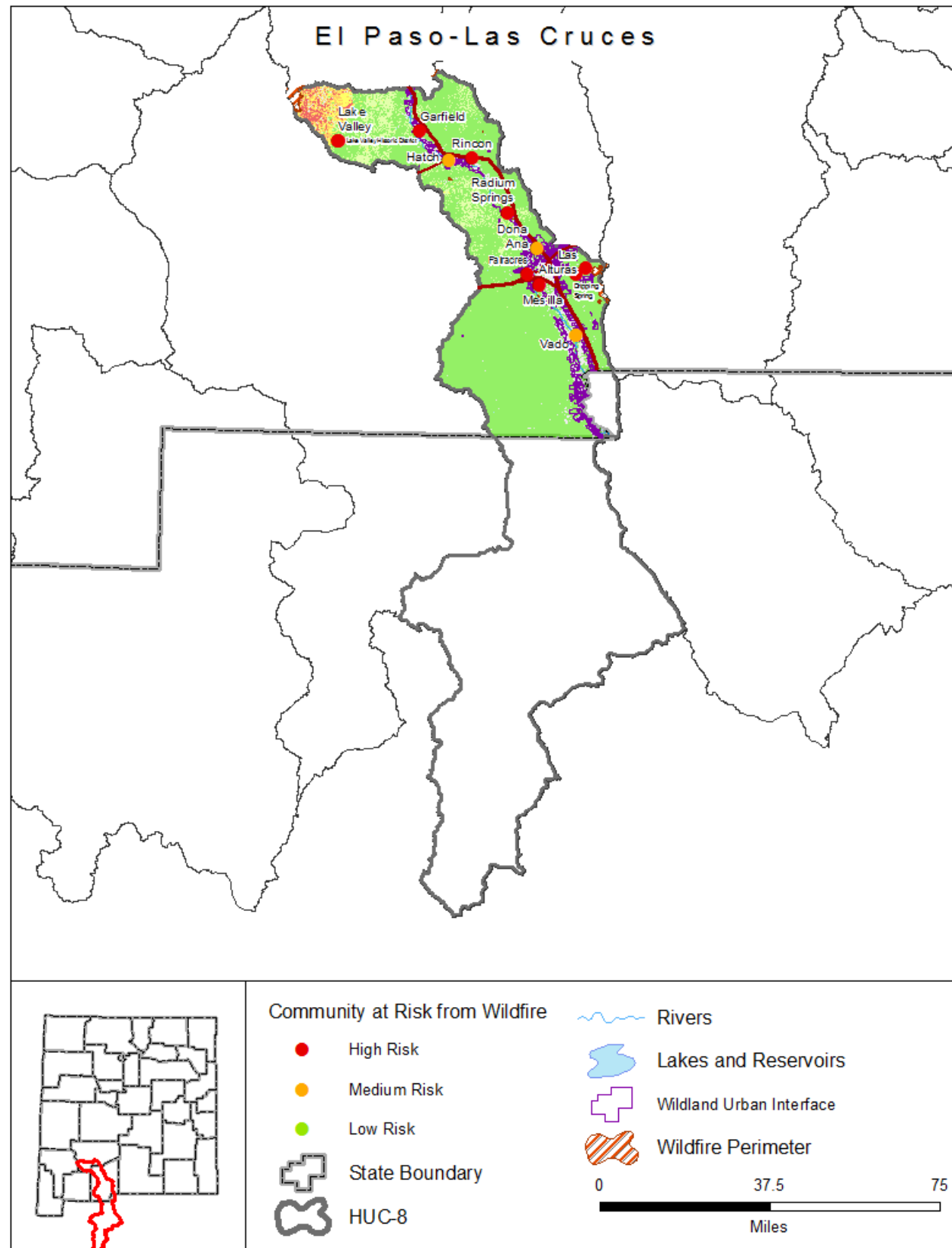
#### Flood Maps

DFIRM Available	No
FHBM Available	Yes

#### NFIP Statistics

CID Communities	7
NFIP Communities	7
NFIP Policies	1545
Policies within the SFHA	0
Policies outside of the SFHA	1545
NFIP Premium Total	\$ 1,256,706
NFIP Claims	163
Claims within the SFHA	0
Claims outside of the SFHA	163
Paid Claims	\$ 4,332,515
Repetitive Loss Structures	3
Repetitive Loss Claims	10
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	3
Repetitive Loss Total	\$ 96,311

## El Paso-Las Cruces



**Risk Rank: Medium**

### Description

The Las Cruces - El Paso watershed is at medium risk of wildfire. The communities of Dripping Spring, Fairacres, Garfield, Lake Valley, Lake Valley Historic District, Las Alturas, Mesilla, Radium Springs, and Rincon were identified as high risk in the local Community Wildfire Protection Plan. A total of 12,367 acres have burned during 25 wildfire events over the last ten years.

### Lidar Data Availability

No significant lidar available.

### Counties

Dona Ana, Grant, Sierra

### Communities

Hatch, Las Cruces, Mesilla, Sunland Park

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

Dripping Spring, Fairacres, Garfield, Lake Valley, Lake Valley Historic District, Las Alturas, Mesilla, Radium Springs, Rincon

### Watershed 13030102

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	80%
Low	8%
Moderate	2%
High	2%
Very High	1%
Non-Burnable	7%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	25
Acres Burned 2006-2016	12,367

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	3.51%
Intermix	2.98%
	Acres
Interface	52,640
Intermix	44,695
WUI Addressed Structures	701

#### Communities at Risk from Wildland Fire

High Risk	9
Medium Risk	3
Low Risk	0

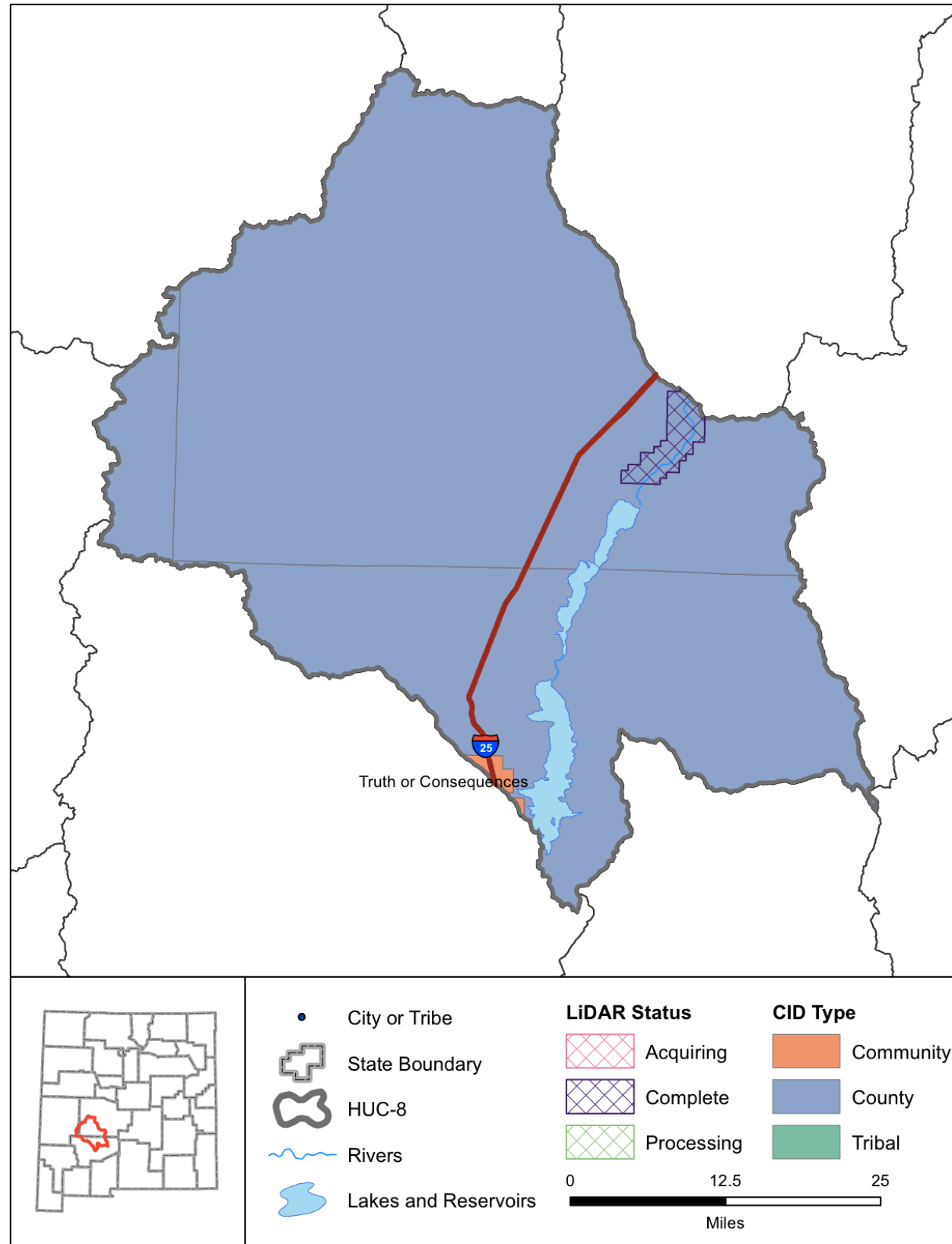
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	3
Very High Priority	0

#### Vegetation Treatments 2006-2016

Acres Treated	19,200
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## Elephant Butte Reservoir



### Description

The Elephant Butte Reservoir watershed is home to approximately 1,500 people in central New Mexico. The watershed contains part of the San Mateo Mountains and several large draws. The major hydrologic feature is the Rio Grande including Elephant Butte Reservoir. Despite containing the largest reservoir in the state, the watershed only has FHBM data available. Limited lidar data is available as part of the USACE Middle Rio Grande project. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

The USACE collected lidar as part of a Middle Rio Grande 500 year floodplain study in 2010.

### Counties

Catron, Sierra, Socorro

### Communities

Elephant Butte, Truth or Consequences

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_068348.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_068348.pdf)

### Watershed 13020211

#### Watershed Characteristics

Area (sq mi)	2,189
Population in NM	1,462
CNMS Streams (mi)	556
Maximum Elevation (feet)	10,783
Minimum Elevation (feet)	4,350
High Hazard Potential Dams	1
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	100 %
Private	39.63 %
State	8.37 %
Tribal	0 %
Federal	52 %
States	NM

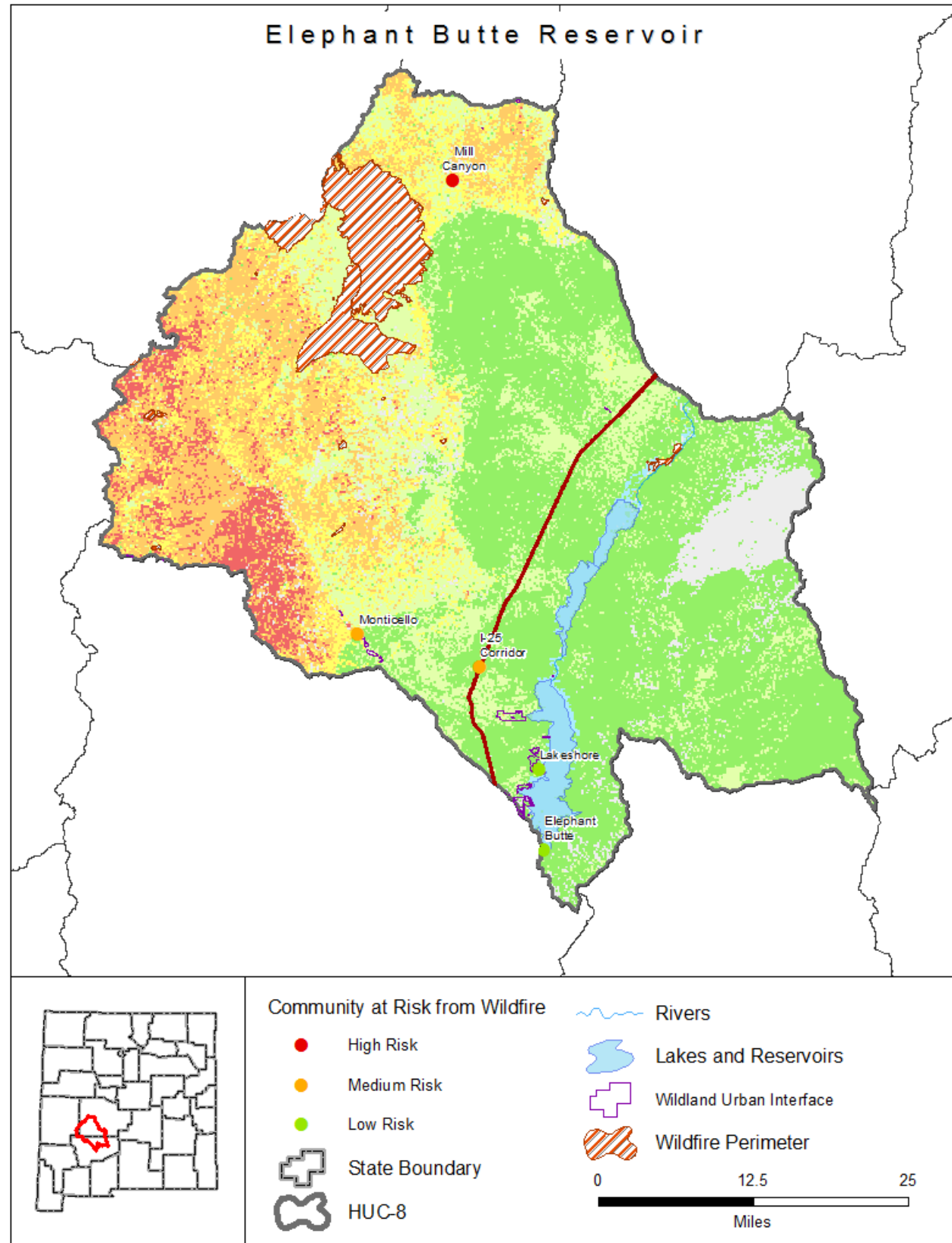
#### Flood Maps

DFIRM Available	No
FHBM Available	Yes

#### NFIP Statistics

CID Communities	5
NFIP Communities	5
NFIP Policies	12
Policies within the SFHA	1
Policies outside of the SFHA	11
NFIP Premium Total	\$ 6,087
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Elephant Butte Reservoir



**Risk Rank: Medium**

**Description**

The Elephant Butte Reservoir watershed is at medium risk of wildfire and only the community of Mill canyon has been identified as high risk in the local Community Wildfire Protection Plan. A total of 67,014 acres have burned during 30 wildfire events over the last ten years.

**Lidar Data Availability**

The USACE collected lidar as part of a Middle Rio Grande 500 year floodplain study in 2010.

**Counties**

Catron, Sierra, Socorro

**Communities**

Elephant Butte, Truth or Consequences

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Mill Canyon

**Watershed 13020211**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	40%
Low	21%
Moderate	11%
High	15%
Very High	5%
Non-Burnable	6%
Water	2%

**Watershed Characteristics**

Wildfires 2006-2016	30
Acres Burned 2006-2016	67,014

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.05%
Intermix	0.18%
Acres	
Interface	698
Intermix	2,580
WUI Addressed Structures	53

**Communities at Risk from Wildland Fire**

High Risk	1
Medium Risk	2
Low Risk	2

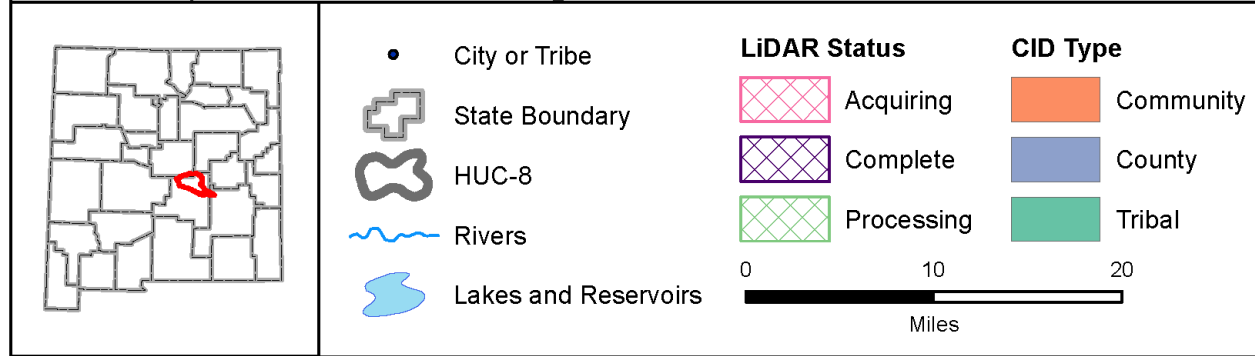
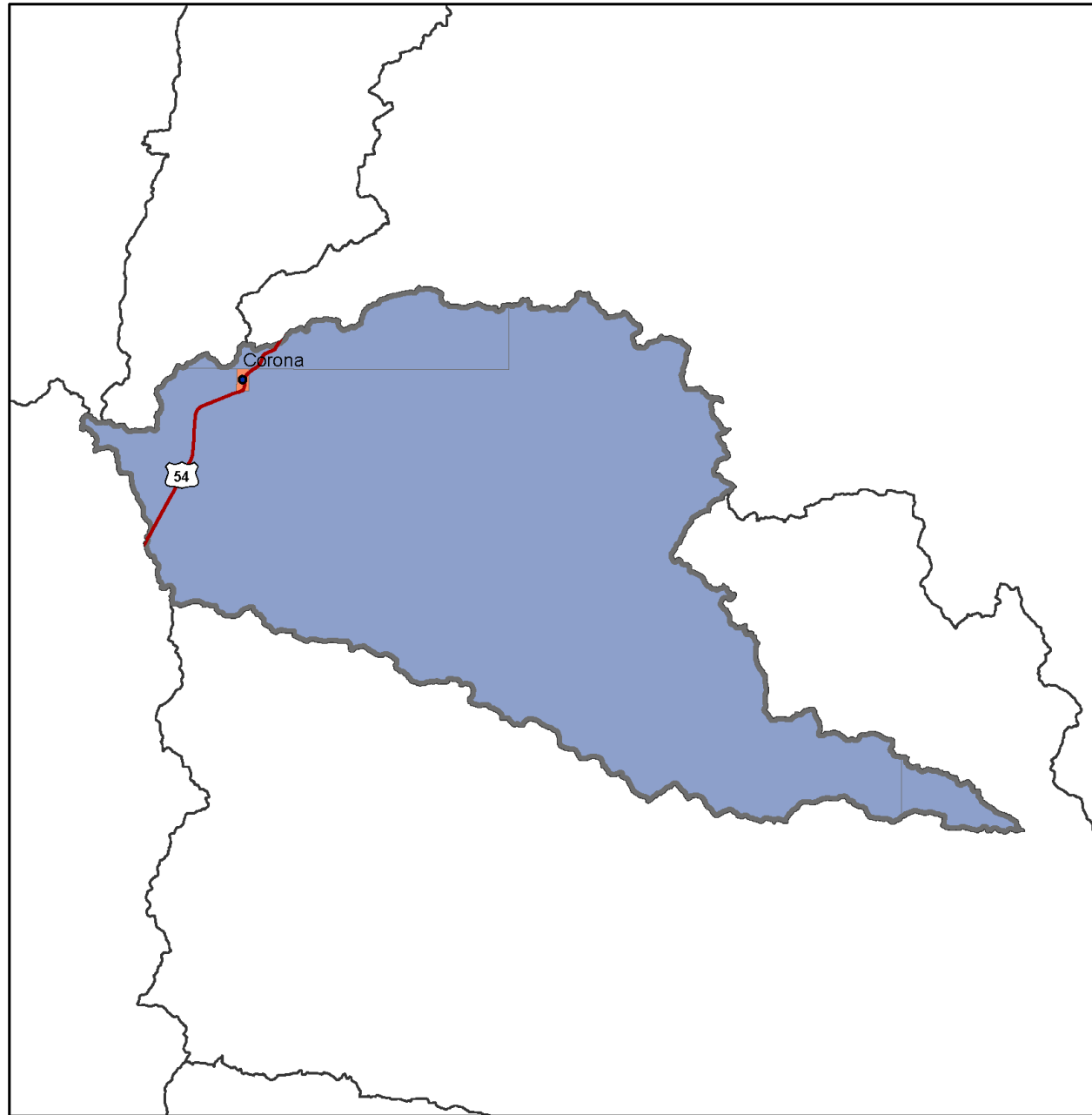
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	14
Very High Priority	2

**Vegetation Treatments 2006-2016**

Acres Treated	64,640
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## Gallo Arroyo



### Description

The Gallo Arroyo watershed is home to fewer than 400 people in the south-central portion of New Mexico. The watershed has significant topograph relief with numerous canyons. The Gallo Arroyo is the primary hydrologic feature with many smaller tributaries. FIRM data is extensive in the central and southeast corner of the watershed. No lidar data is available. Local officials should be contacted to determine their need for flood risk products. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Chaves, Lincoln, Torrance

### Communities

Corona

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_068020.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_068020.pdf)

### Watershed 13060006

#### Watershed Characteristics

Area (sq mi)	871
Population in NM	381
CNMS Streams (mi)	126
Maximum Elevation (feet)	8,469
Minimum Elevation (feet)	4,172
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	100 %
Private	58.47 %
State	15.37 %
Tribal	0 %
Federal	26.16 %
States	NM

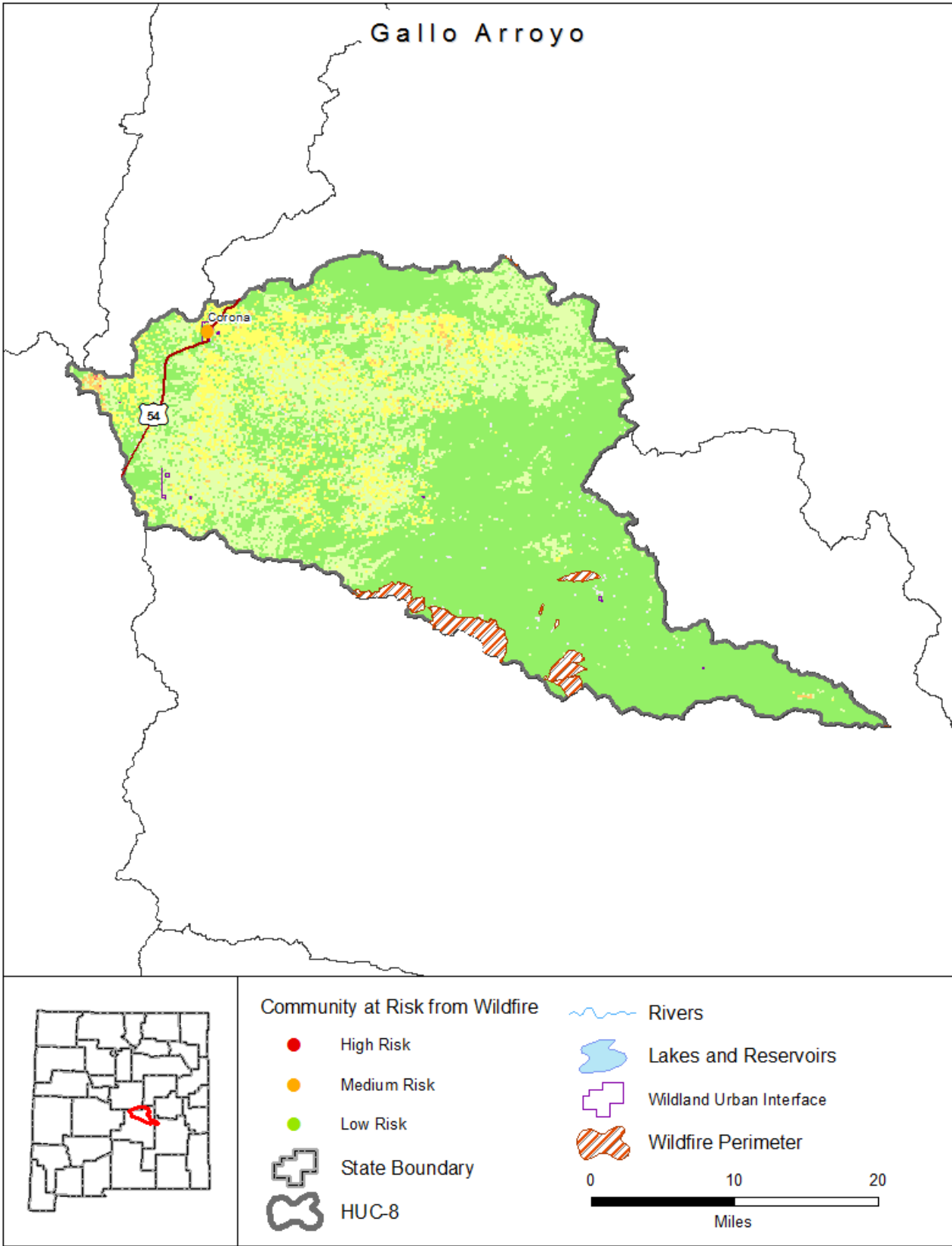
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	4
NFIP Communities	3
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Gallo Arroyo



**Risk Rank:** Low

**Description**

The Gallo Arroyo watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 12,163 acres have burned during 11 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Chaves, Lincoln, Torrance

**Communities**

Corona

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 13060006**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	63%
Low	27%
Moderate	9%
High	1%
Very High	0%
Non-Burnable	0%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	11
Acres Burned 2006-2016	12,163

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.01%
Intermix	0.11%
	Acres
Interface	34
Intermix	636
WUI Addressed Structures	28

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	1
Low Risk	0

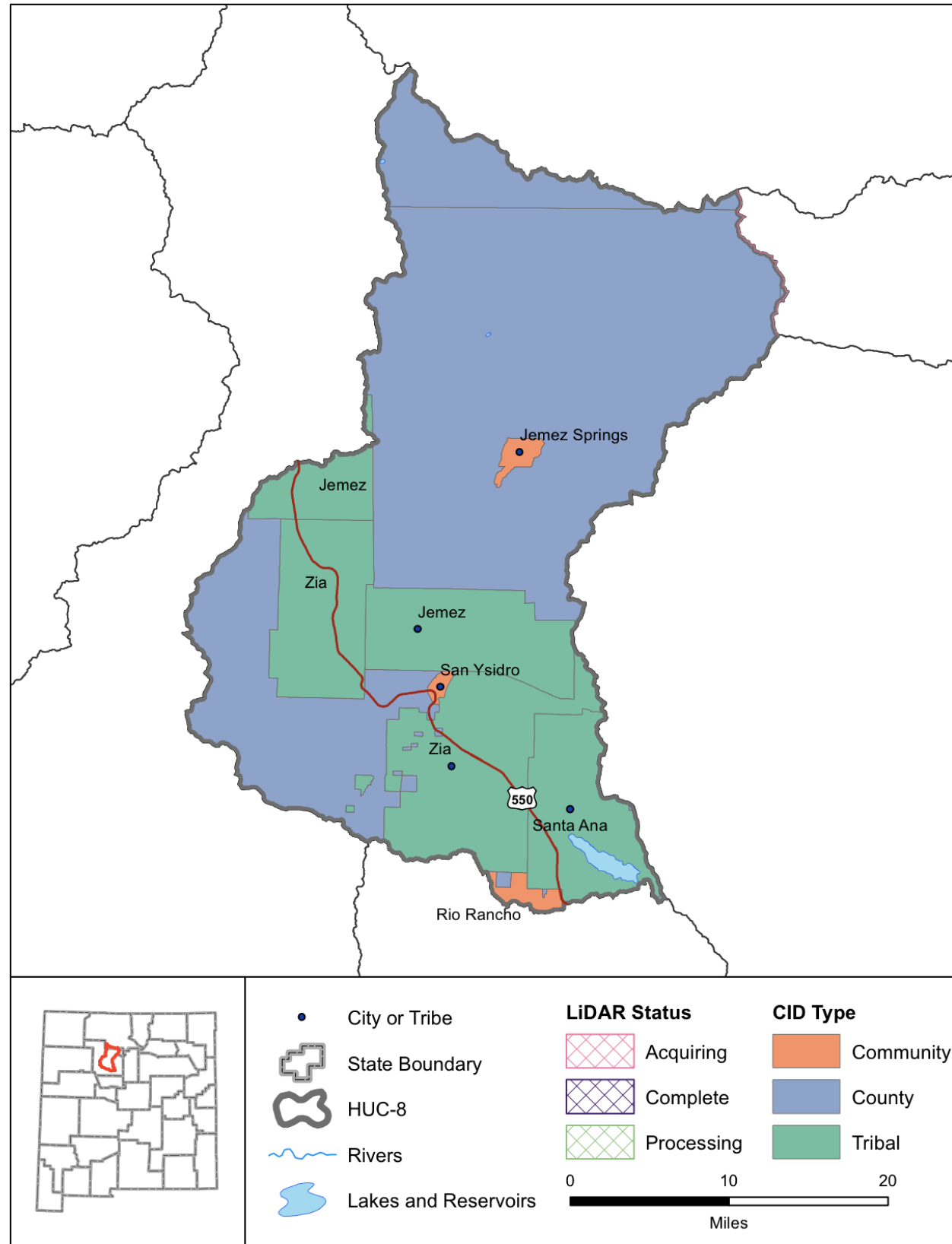
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	1
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Jemez



### Description

The Jemez watershed is home to approximately 8,000 people in central New Mexico. The watershed has significant topographic relief from the Jemez Mountains and Valle Caldera. The Jemez River is the major hydrologic feature. FIRM data is widely available throughout the watershed except for tribal land. No lidar data is available for the watershed. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Los Alamos, Rio Arriba, Sandoval

### Communities

Jemez Springs, Rio Rancho, San Ysidro

### Tribal Nations

Jemez Pueblo, Santa Ana Pueblo, Zia Pueblo

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066022.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066022.pdf)

### Watershed 13020202

#### Watershed Characteristics

Area (sq mi)	1,039
Population in NM	7,723
CNMS Streams (mi)	155
Maximum Elevation (feet)	11,319
Minimum Elevation (feet)	5,077
High Hazard Potential Dams	3
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	3

#### Ownership

Percent in New Mexico	100 %
Private	4.83 %
State	1.12 %
Tribal	35.11 %
Federal	58.94 %
States	NM

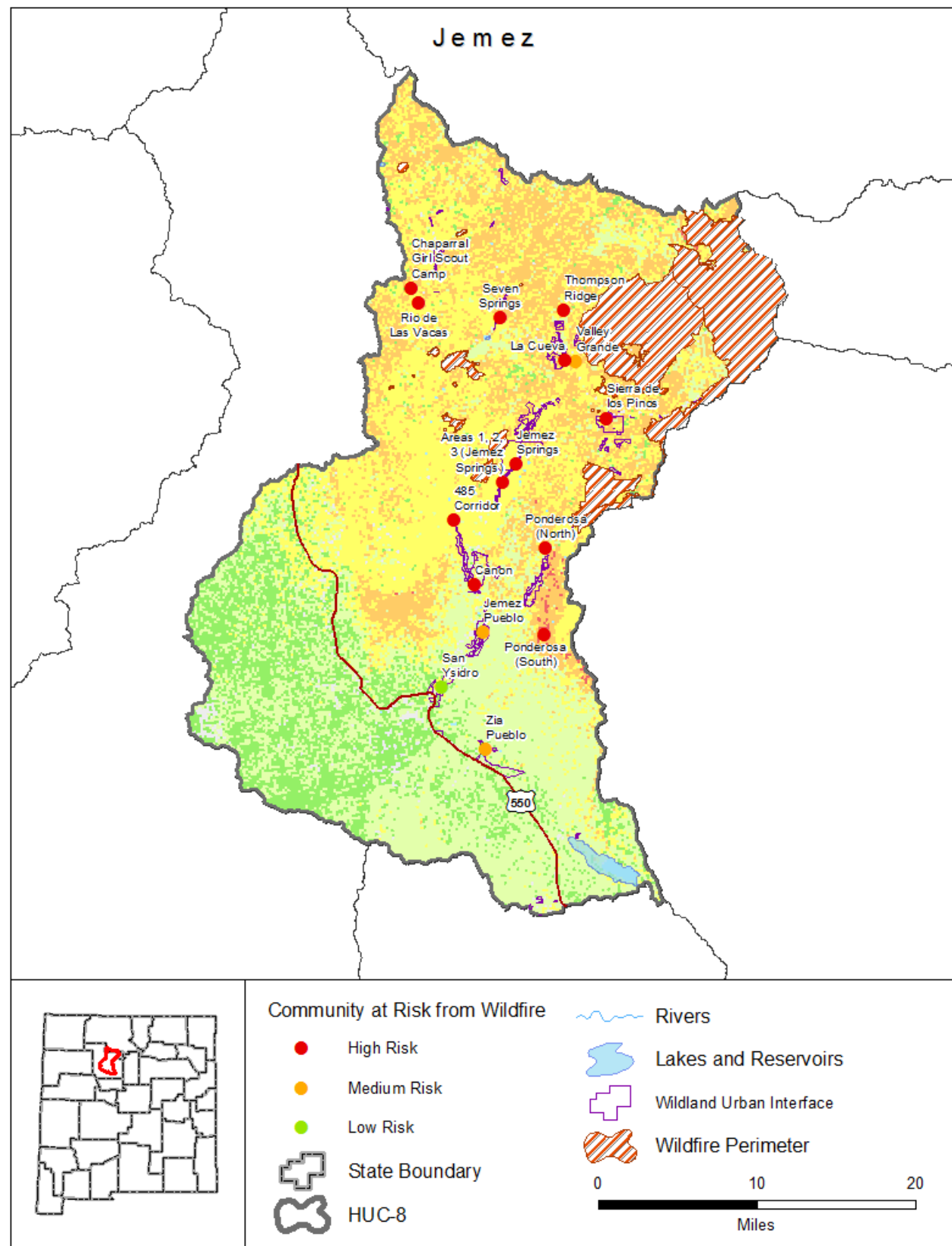
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	9
NFIP Communities	5
NFIP Policies	35
Policies within the SFHA	14
Policies outside of the SFHA	21
NFIP Premium Total	\$ 27,895
NFIP Claims	2
Claims within the SFHA	1
Claims outside of the SFHA	1
Paid Claims	\$ 7,371
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Jemez



**Risk Rank: High**

### Description

The Jemez watershed is at high risk of wildfire. The communities of 485 Corridor, "Areas 1, 2, 3 (Jemez Springs)", Canon, Chaparral Girl Scout Camp, Jemez Springs, La Cueva, Ponderosa (North), Ponderosa (South), Rio de Las Vacas, Seven Springs, Sierra de los Pinos, and Thompson Ridge were identified as high risk in the local Community Wildfire Protection Plan. A total of 65,649 acres have burned during 25 wildfire events over the last ten years. A collection of federal agencies anticipates collecting lidar in FY 2017. A portion of the watershed has been modeled by the United States Geological Survey for Potential postwildfire debris-flow hazards.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar in FY 2017.

### Counties

Los Alamos, Rio Arriba, Sandoval

### Communities

Jemez Springs, Rio Rancho, San Ysidro

### Tribal Nations

Jemez Pueblo, Santa Ana Pueblo, Zia Pueblo

### Debris Flow Modeling

Tillery, A.C., Darr, M.J., Cannon, S.H., and Michael, J.A., 2011, Postwildfire preliminary debris flow hazard assessment for the area burned by the 2011 Las Conchas Fire in north-central New Mexico: U.S. Geological Survey Open-File Report 2011-1308, 11 p. .; Tillery, A.C., and Haas, J.R., 2016, Potential postwildfire debris-flow hazards—A prewildfire evaluation for the Jemez Mountains, north-central New Mexico: U.S. Geological Survey Scientific-Investigations Report 2016-5101, 27 p., <http://dx.doi.org/10.3133/sir20165101>.

### Communities at High Risk of Wildland Fire

485 Corridor, "Areas 1, 2, 3 (Jemez Springs)", Canon, Chaparral Girl Scout Camp, Jemez Springs, La Cueva, Ponderosa (North), Ponderosa (South), Rio de Las Vacas, Seven Springs, Sierra de los Pinos, Thompson Ridge

### Watershed 13020202

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	13%
Low	29%
Moderate	34%
High	21%
Very High	1%
Non-Burnable	2%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	25
Acres Burned 2006-2016	65,649

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.12%
Intermix	1.54%
	Acres
Interface	791
Intermix	10,247
WUI Addressed Structures	190

#### Communities at Risk from Wildland Fire

High Risk	12
Medium Risk	3
Low Risk	1

#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

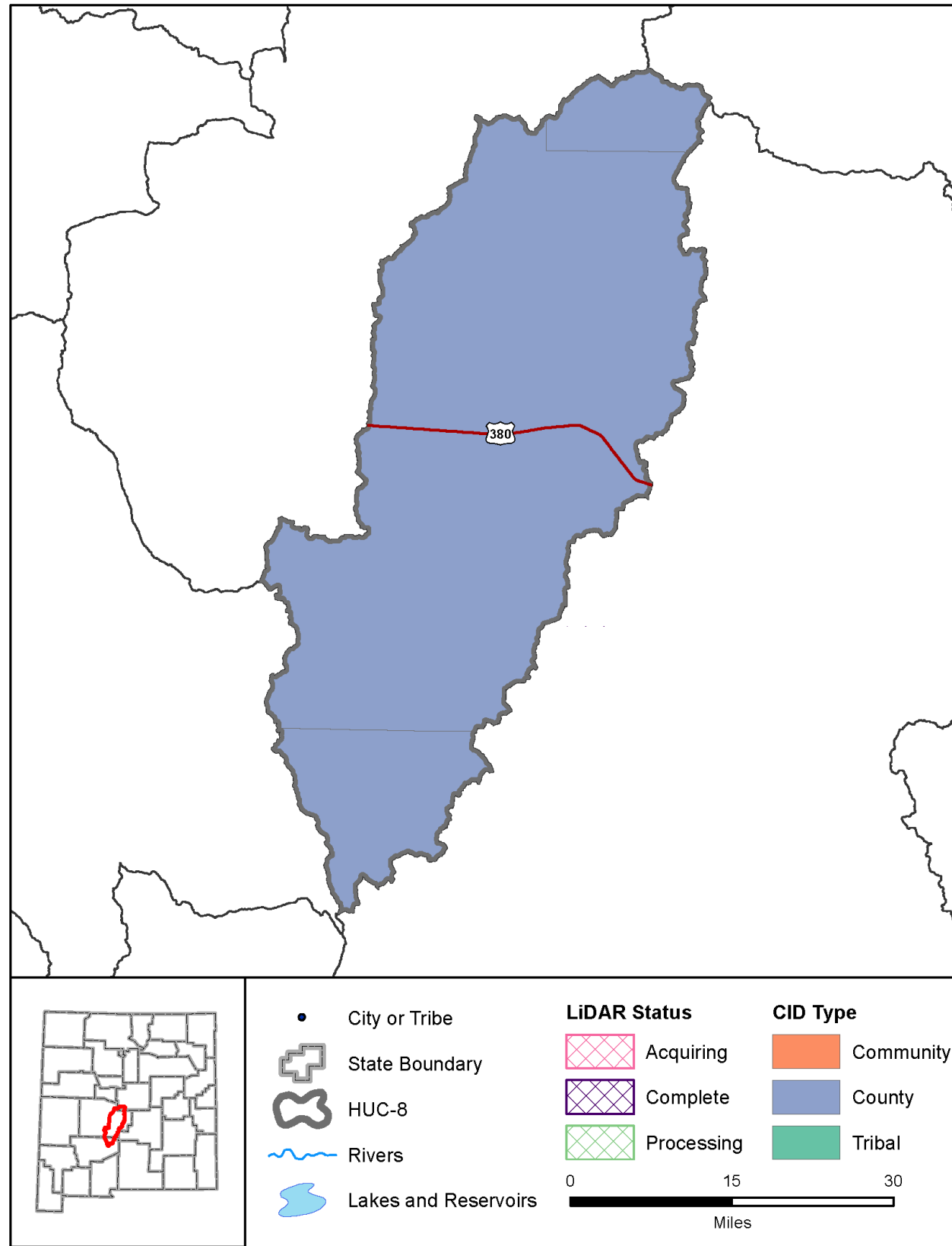
High Priority	6
Very High Priority	8

#### Vegetation Treatments 2006-2016

Acres Treated	56,960
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## Jornada del Muerto



### Description

The Jornada del Muerto watershed is home to approximately 1,300 people in central New Mexico. The watershed contains part of White Sands and includes the Jornada Del Muerto Trail. The major hydrologic features are arroyos. No FIRM data is available and FHBM data is limited to a very small section of Torrance County. There is no lidar data available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Lincoln, Sierra, Socorro, Torrance

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066669.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066669.pdf)

### Watershed 13020210

#### Watershed Characteristics

Area (sq mi)	1,710
Population in NM	1,304
CNMS Streams (mi)	3
Maximum Elevation (feet)	8,636
Minimum Elevation (feet)	4,644
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	100 %
Private	13.92 %
State	21.17 %
Tribal	0 %
Federal	64.91 %
States	NM

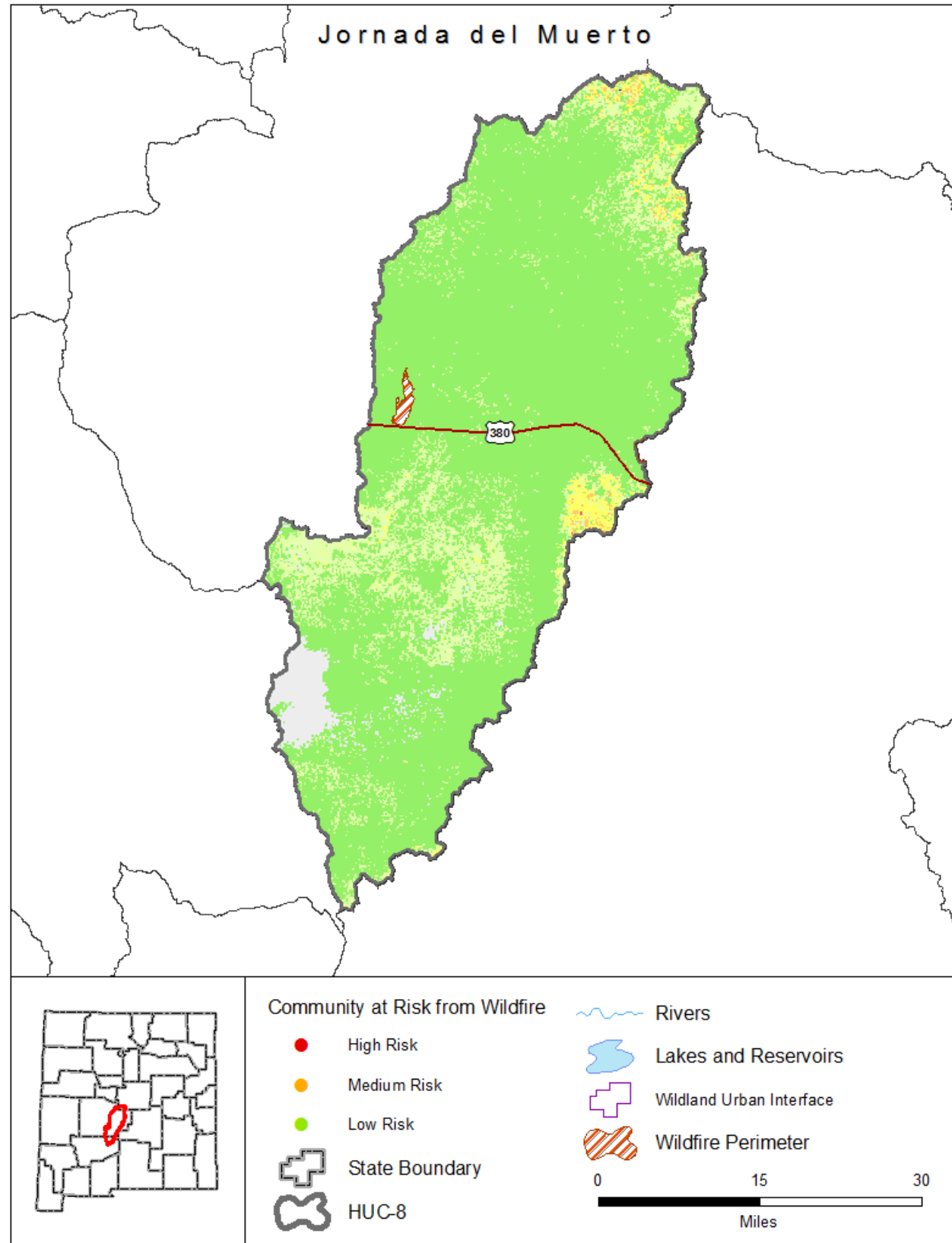
#### Flood Maps

DFIRM Available	No
FHBM Available	Yes

#### NFIP Statistics

CID Communities	4
NFIP Communities	4
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Jornada del Muerto



**Risk Rank:** Low

**Description**

The Jornada del Muerto watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 3,003 acres have burned during 2 wildfire events over the last ten years. A portion of the watershed has been modeled by the United States Geological Survey for Potential postwildfire debris-flow hazards.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Lincoln, Sierra, Socorro, Torrance

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

Tillery, A.C., Haas, J.R., Miller, L.W., Scott, J.H., and Thompson, M.P., 2014, Potential postwildfire debris-flow hazards—A prewildfire evaluation for the Sandia and Manzano Mountains and surrounding areas, Central New Mexico: U.S. Geological Survey Scientific Investigations Report 2014–5161, 24 p. with appendix, <http://dx.doi.org/10.3133/sir20145161>.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 13020210**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	78%
Low	15%
Moderate	2%
High	1%
Very High	0%
Non-Burnable	3%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	2
Acres Burned 2006-2016	3,003

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
Acres	
Interface	0
Intermix	4
WUI Addressed Structures	1

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

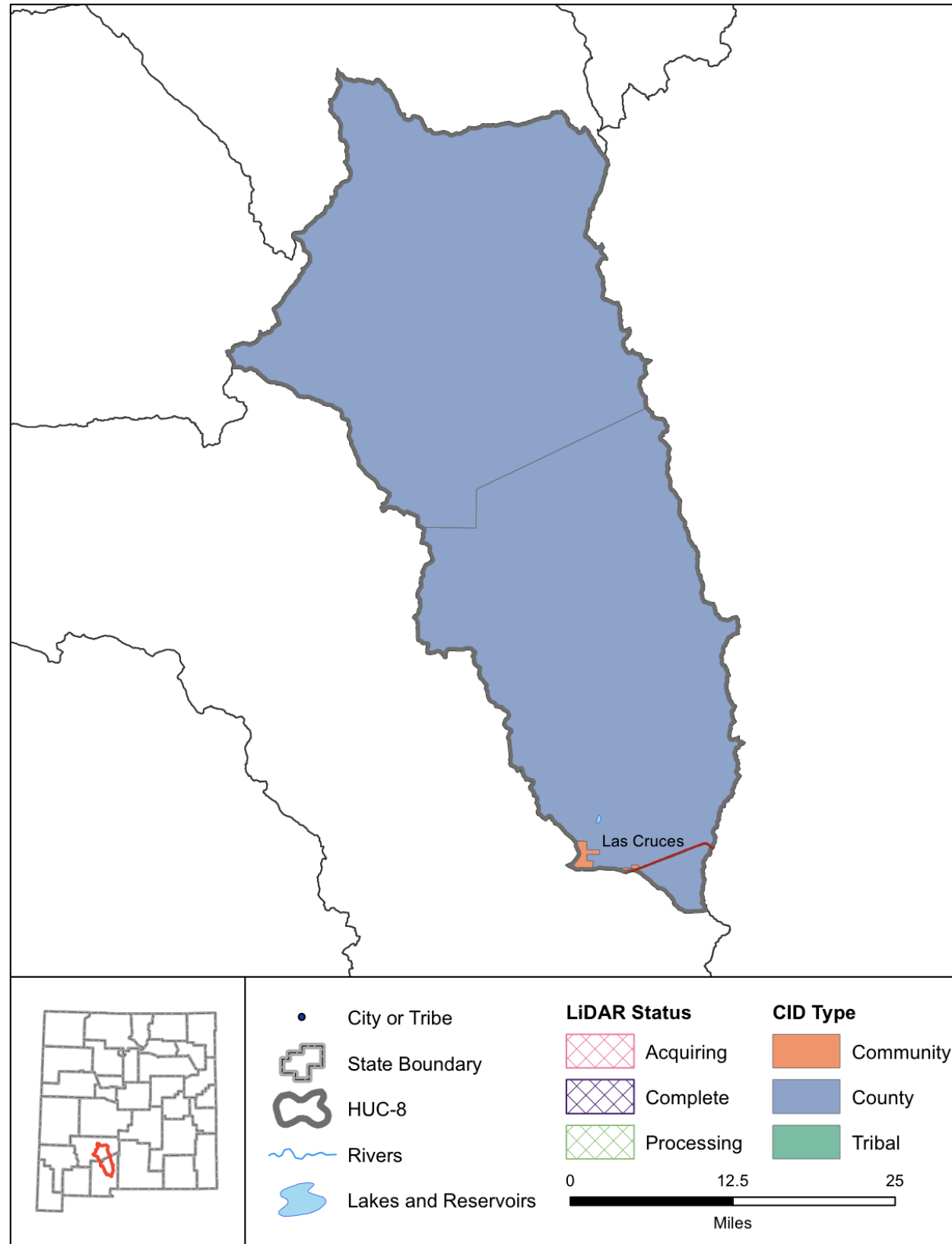
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	33,920
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## Jornada Draw



### Description

The Jornada Draw watershed is home to approximately 16,000 people in south-central New Mexico. The watershed is bound by the Caballo Mountains to the west and the San Andres Mountains to the east. FHBM data is available in Sierra County but no FIRM data is available. There is no lidar data available for the watershed. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Dona Ana, Sierra

### Communities

Las Cruces

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_067312.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_067312.pdf)

### Watershed 13030103

#### Watershed Characteristics

Area (sq mi)	1,249
Population in NM	16,141
CNMS Streams (mi)	149
Maximum Elevation (feet)	8,208
Minimum Elevation (feet)	4,254
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	100 %
Private	11.03 %
State	11.28 %
Tribal	0 %
Federal	77.69 %
States	NM

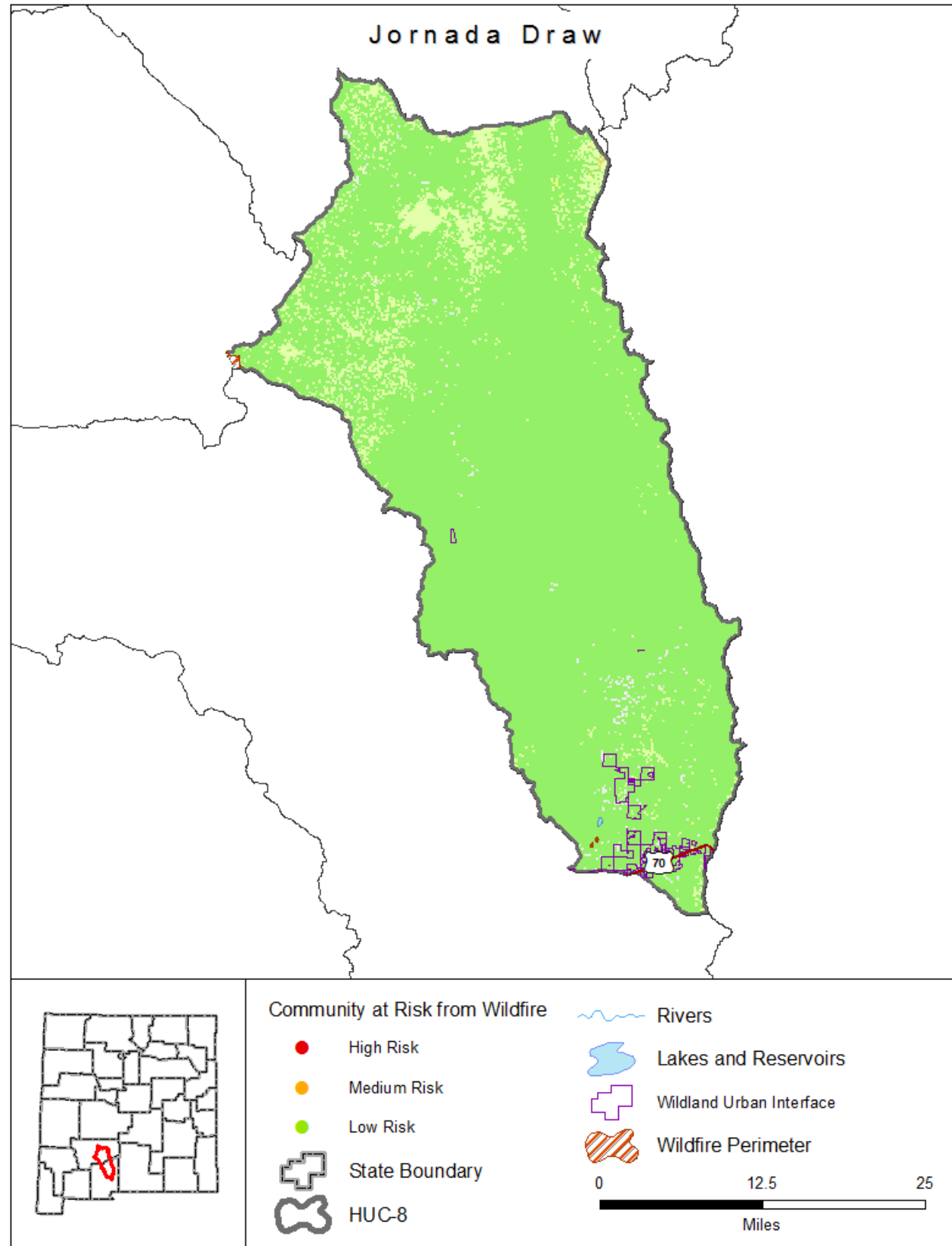
#### Flood Maps

DFIRM Available	No
FHBM Available	Yes

#### NFIP Statistics

CID Communities	3
NFIP Communities	3
NFIP Policies	25
Policies within the SFHA	0
Policies outside of the SFHA	25
NFIP Premium Total	\$ 18,237
NFIP Claims	2
Claims within the SFHA	0
Claims outside of the SFHA	2
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Jornada Draw



**Risk Rank:** Low

**Description**

The Jornada Draw watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Dona Ana, Sierra

**Communities**

Las Cruces

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 13030103**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	92%
Low	7%
Moderate	0%
High	0%
Very High	0%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	3
Acres Burned 2006-2016	469

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.04%
Intermix	1.43%
Acres	
Interface	296
Intermix	11,465
WUI Addressed Structures	210

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

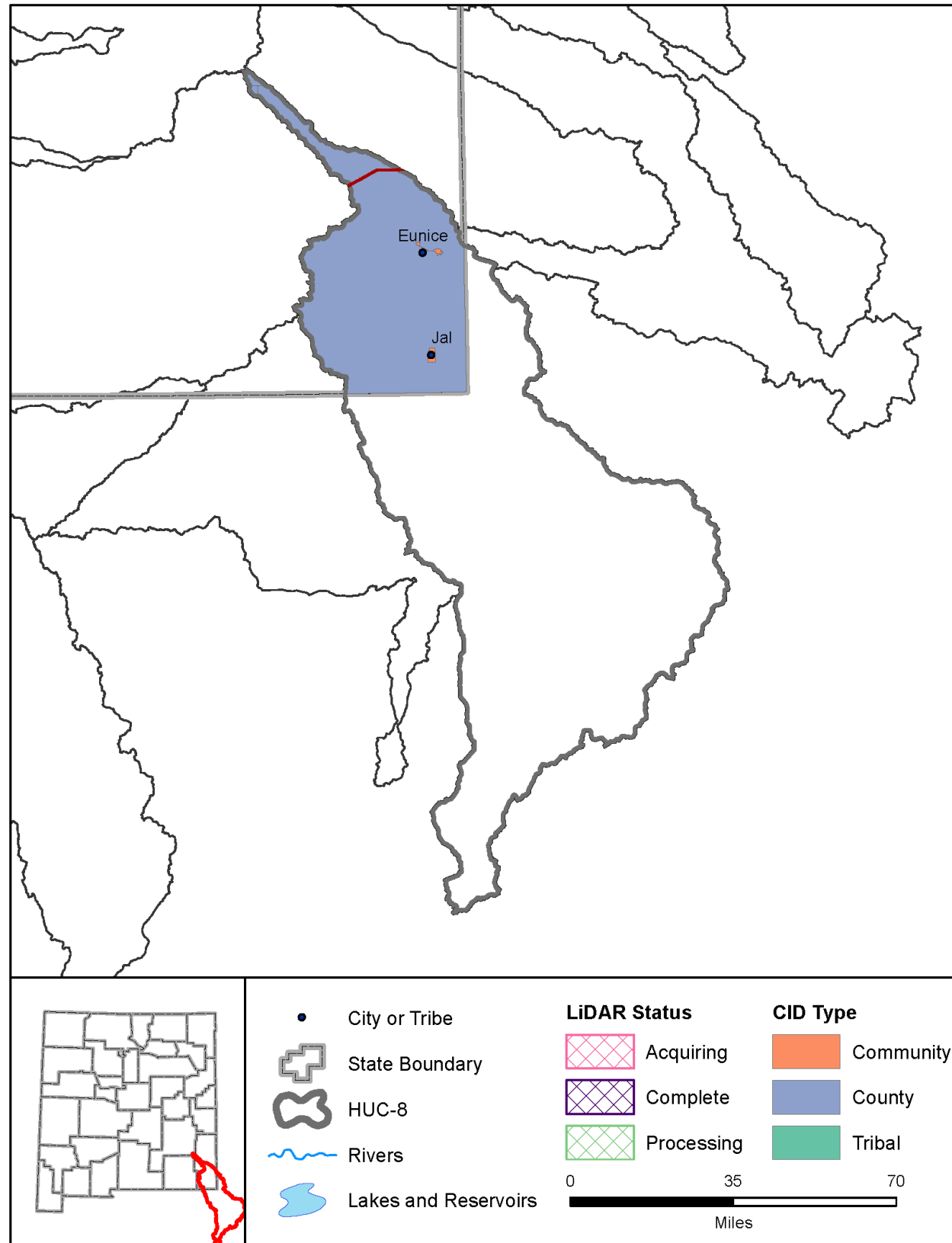
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	241,920
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## Landreth-Monument Draws



### Description

The Landreth - Monument Draws watershed is home to approximately 6,500 people in New Mexico and is located along the southeastern border of the state. Less than 25% of the watershed is located within New Mexico. The watershed has moderate topographic relief from Mescalero Ridge to the eastern plains and contains the Monument Jal Oil Field. The New Mexico portion of the watershed contains smaller intermittent streams. FIRM data is very limited within the watershed but no lidar data is available. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Chaves, Eddy, Lea

### Communities

Eunice, Jal

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_067966.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_067966.pdf)

### Watershed 13070007

#### Watershed Characteristics

Area (sq mi)	6,339
Population in NM	17,475
CNMS Streams (mi)	7
Maximum Elevation (feet)	4,476
Minimum Elevation (feet)	2,886
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	24.38 %
Private	46.36 %
State	37.38 %
Tribal	0 %
Federal	16.26 %
States	NM, TX

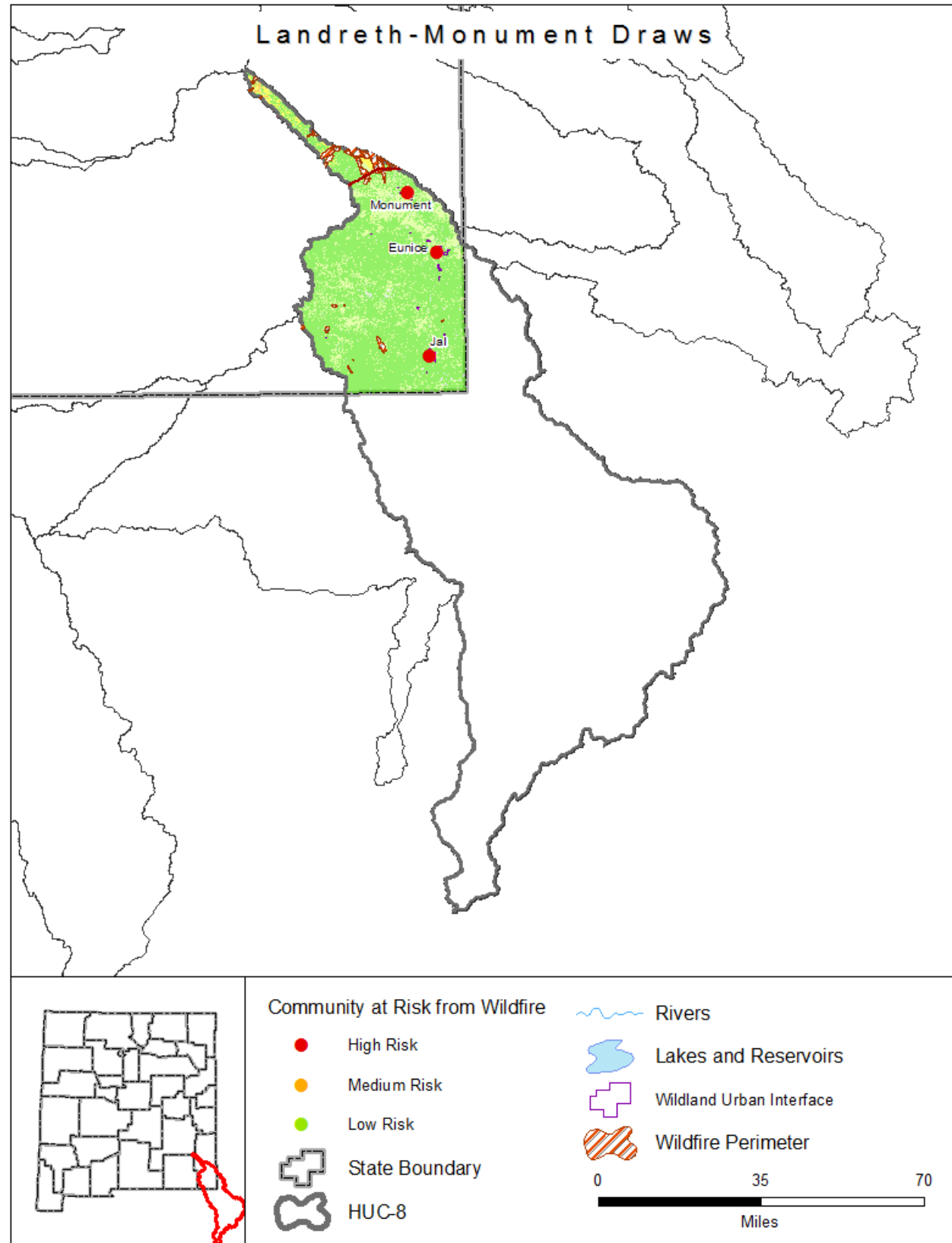
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	5
NFIP Communities	5
NFIP Policies	41
Policies within the SFHA	37
Policies outside of the SFHA	4
NFIP Premium Total	\$ 30,300
NFIP Claims	5
Claims within the SFHA	4
Claims outside of the SFHA	1
Paid Claims	\$ 1,928
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Landreth-Monument Draws



**Risk Rank:** Low

**Description**

The Landreth - Monument is at low risk of wildfire. The communities of Eunice, Jal, Monument were identified in the local Community Wildfire Protection Plan as high risk.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Chaves, Eddy, Lea

**Communities**

Eunice, Jal

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Eunice, Jal, Monument

**Watershed 13070007**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	76%
Low	20%
Moderate	3%
High	0%
Very High	0%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	30
Acres Burned 2006-2016	27,496

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.1%
Intermix	0.37%
	Acres
Interface	961
Intermix	3,704
WUI Addressed Structures	75

**Communities at Risk from Wildland Fire**

High Risk	3
Medium Risk	0
Low Risk	0

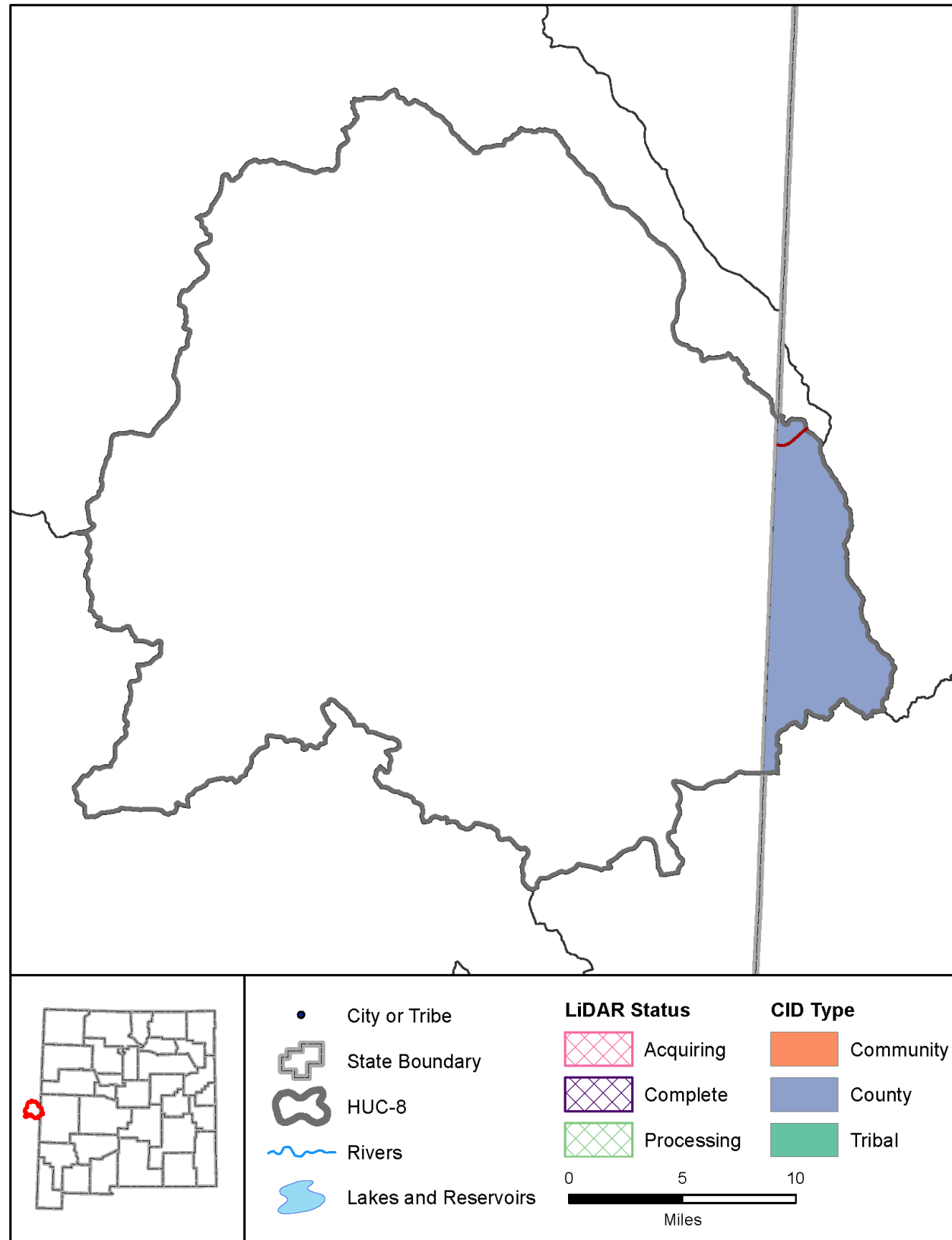
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	100,480
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## Little Colorado Headwaters



### Description

The Lower Colorado Headwaters watershed is home to approximately 100 people in New Mexico and is located on the western border of the state. Approximately 6% of the watershed is located in New Mexico. Within New Mexico, the watershed is located within the San Francisco Mountains. The Lower Colorado River is the primary hydrologic feature with smaller intermittent tributaries. There is no FIRM or lidar data for the watershed. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Catron

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 15020001

#### Watershed Characteristics

Area (sq mi)	808
Population in NM	104
CNMS Streams (mi)	0
Maximum Elevation (feet)	9,379
Minimum Elevation (feet)	7,219
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	6.22 %
Private	25.38 %
State	4.89 %
Tribal	0 %
Federal	69.64 %
States	AZ, NM,

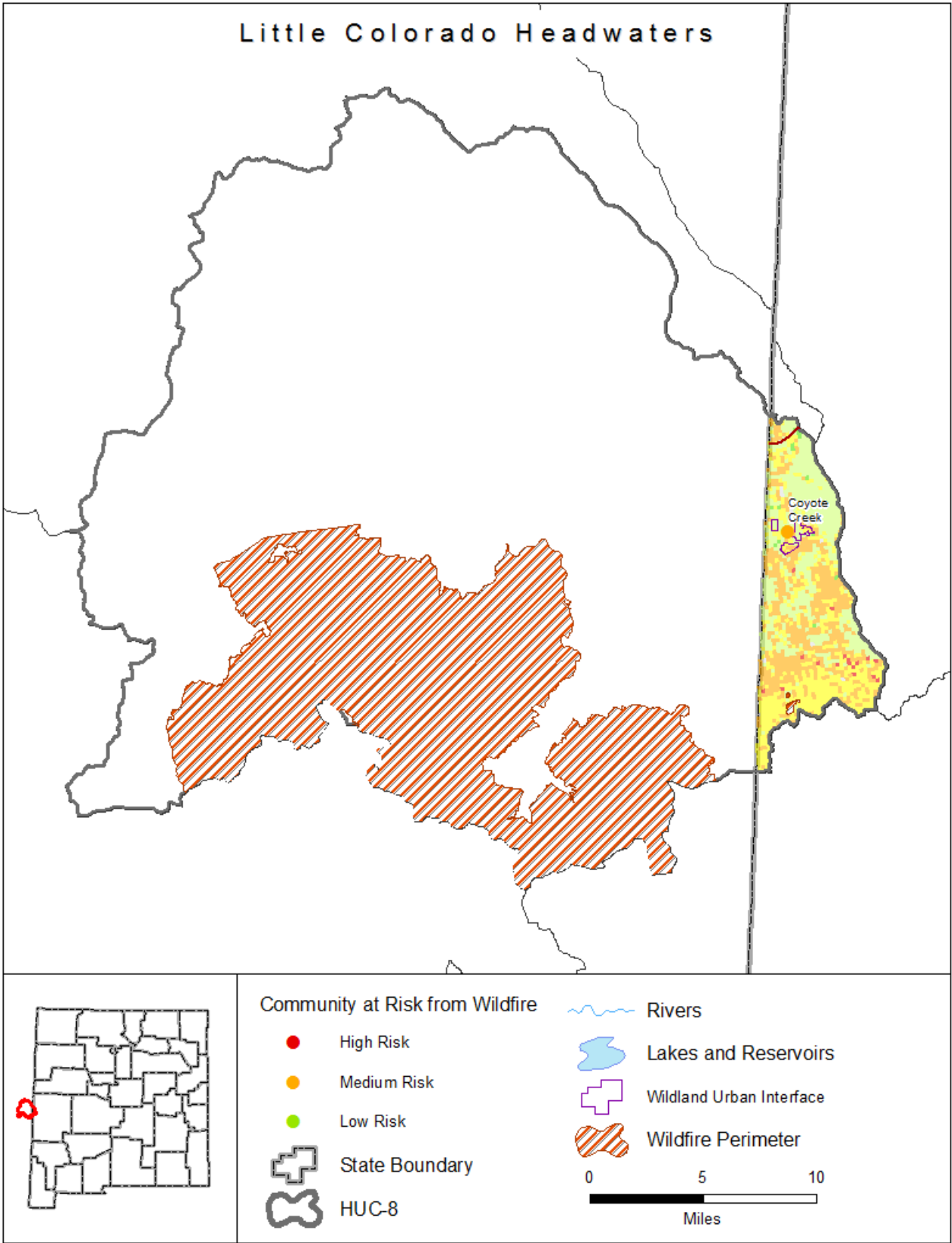
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	1
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Little Colorado Headwaters



**Risk Rank:** Low

**Description**

The Little Colorado Headwaters watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Catron

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 15020001**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	1%
Low	34%
Moderate	31%
High	33%
Very High	1%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	2
Acres Burned 2006-2016	120

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	1.7%
Acres	
Interface	0
Intermix	543
WUI Addressed Structures	7

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	1
Low Risk	0

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

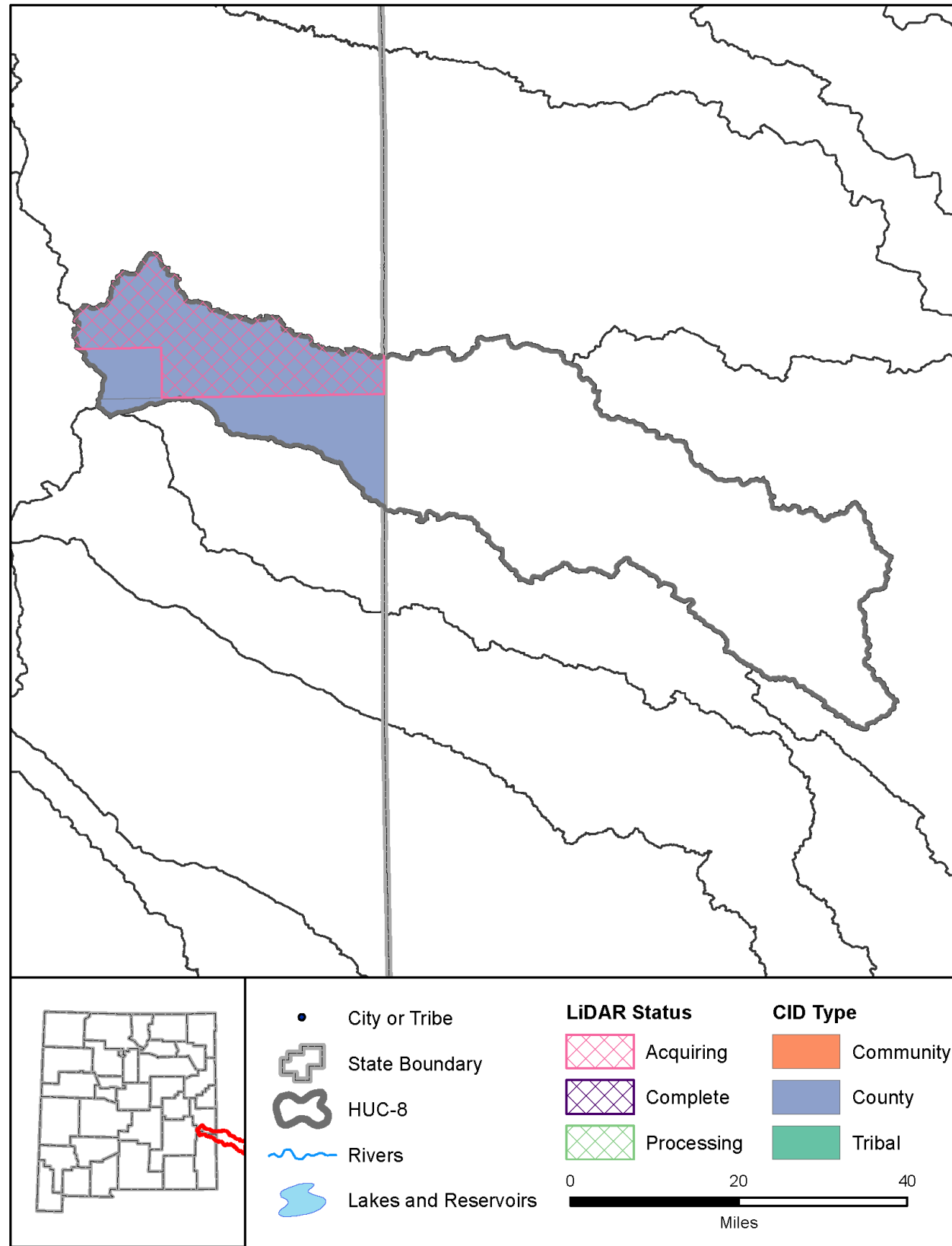
High Priority	0
Very High Priority	1

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Lost Draw



### Description

The Lost Draw watershed has approximately 30% of its area within New Mexico. None of the watershed has FHBM or FIRM data. The Lost Draw watershed is home to approximately 700 people along the eastern border of New Mexico. The watershed is part of the Llano Estacado (Staked Plain). There are no significant, surface hydrologic features within New Mexico's 30% of the watershed. None of the watershed has FHBM or FIRM data. Lidar data is anticipated being collected in 2015 for regulatory and non-regulatory flood risk projects. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Texas. Local officials should be consulted to determine their need for these products. Future projects should coordinate with Texas.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for the northwestern portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Chaves, Lea, Roosevelt

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066317.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066317.pdf)

### Watershed 12080001

#### Watershed Characteristics

Area (sq mi)	1,791
Population in NM	706
CNMS Streams (mi)	0
Maximum Elevation (feet)	4,550
Minimum Elevation (feet)	3,876
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	29.04 %
Private	68.15 %
State	23.02 %
Tribal	0 %
Federal	8.8 %
States	NM, TX

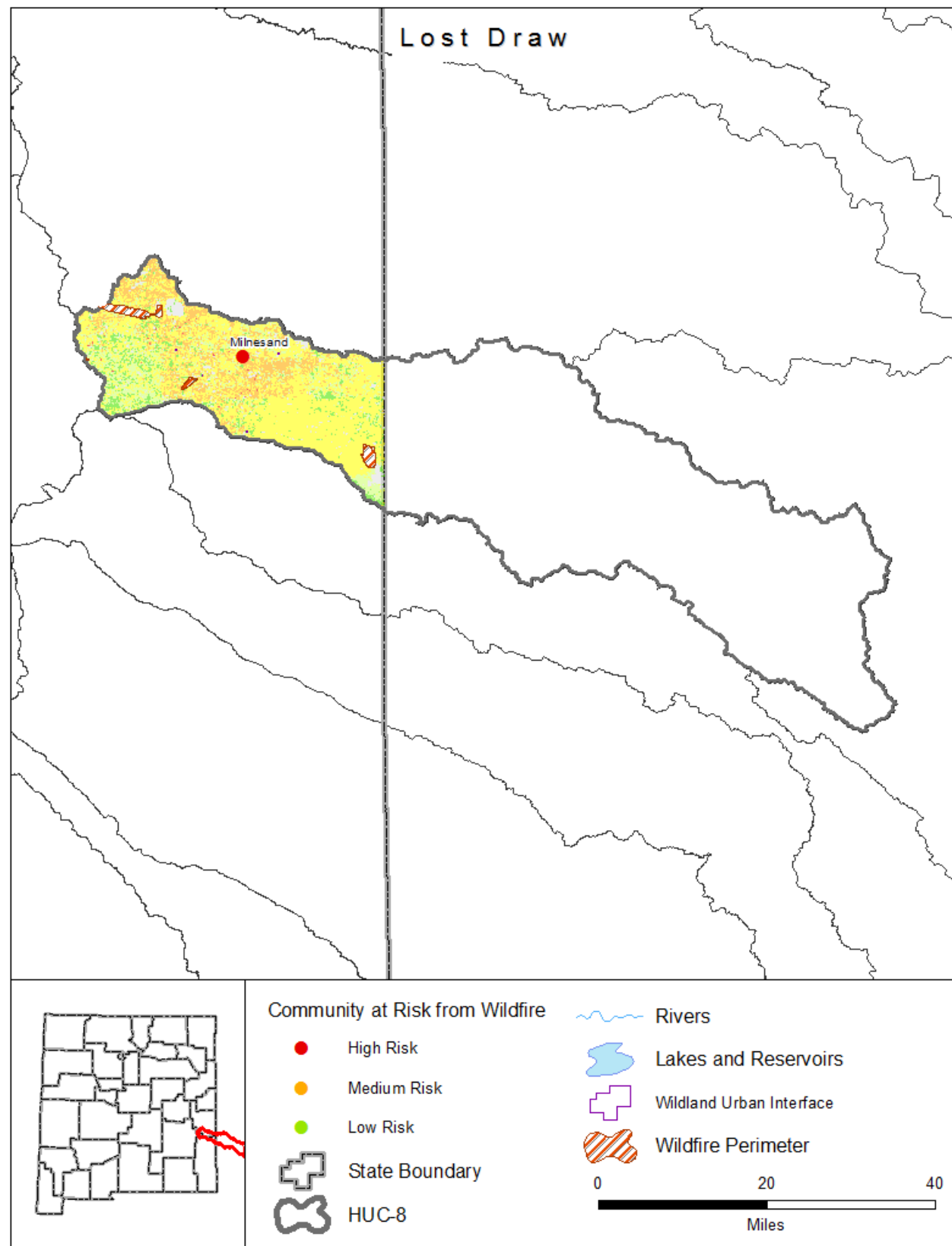
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	3
NFIP Communities	3
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Lost Draw



**Risk Rank: Medium**

### Description

The Lost Draw watershed at medium risk of wildfire and the community of Milnesand has been identified as high risk in the local Community Wildfire Protection Plan. A total of 6,557 acres have burned during 4 wildfire events over the last ten years. Lidar data for the New Mexico portion of the watershed was collected in 2015.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for the northwestern portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Chaves, Lea, Roosevelt

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

Milnesand

### Watershed 12080001

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	8%
Low	16%
Moderate	55%
High	16%
Very High	0%
Non-Burnable	4%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	4
Acres Burned 2006-2016	6,557

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0.01%
Acres	
Interface	0
Intermix	19
WUI Addressed Structures	4

#### Communities at Risk from Wildland Fire

High Risk	1
Medium Risk	0
Low Risk	0

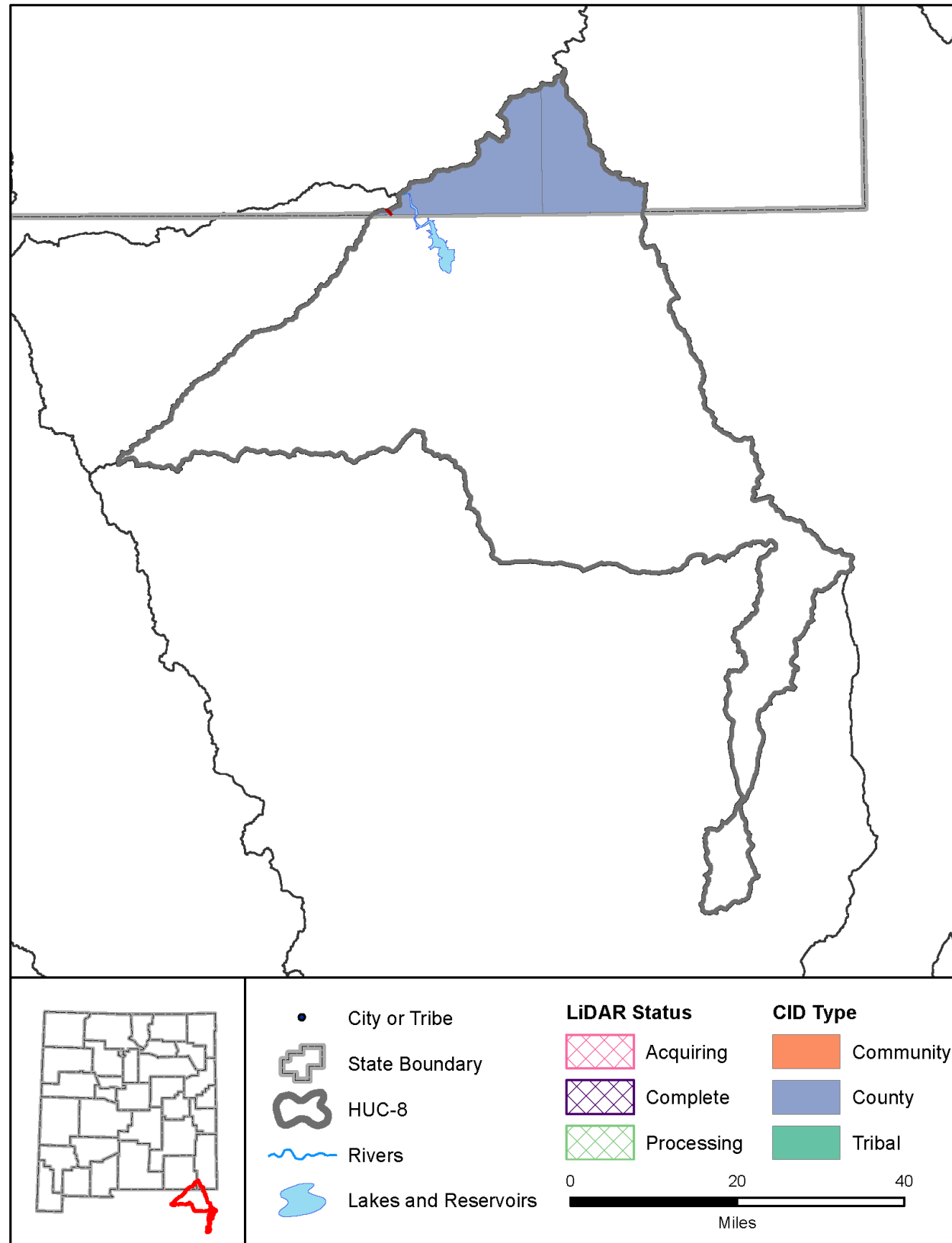
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	0
Very High Priority	0

#### Vegetation Treatments 2006-2016

Acres Treated	12,160
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## Lower Pecos-Red Bluff Reservoir



### Description

The Lower Pecos - Red Bluff Reservoir watershed is home to around 500 people in New Mexico and is located along the southern border of the state. Less than 11% of the watershed is located within New Mexico. The watershed has little topographic relief and consists of several oil fields. The Pecos River is the primary hydrologic feature with many smaller intermittent tributaries. FIRM data is within Eddy County with none in Lea County. No lidar data is available. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Eddy, Lea

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_067594.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_067594.pdf)

### Watershed 13070001

#### Watershed Characteristics

Area (sq mi)	2,491
Population in NM	550
CNMS Streams (mi)	32
Maximum Elevation (feet)	3,689
Minimum Elevation (feet)	2,818
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	10.56 %
Private	5.77 %
State	8.94 %
Tribal	0 %
Federal	85.27 %
States	TX, NM

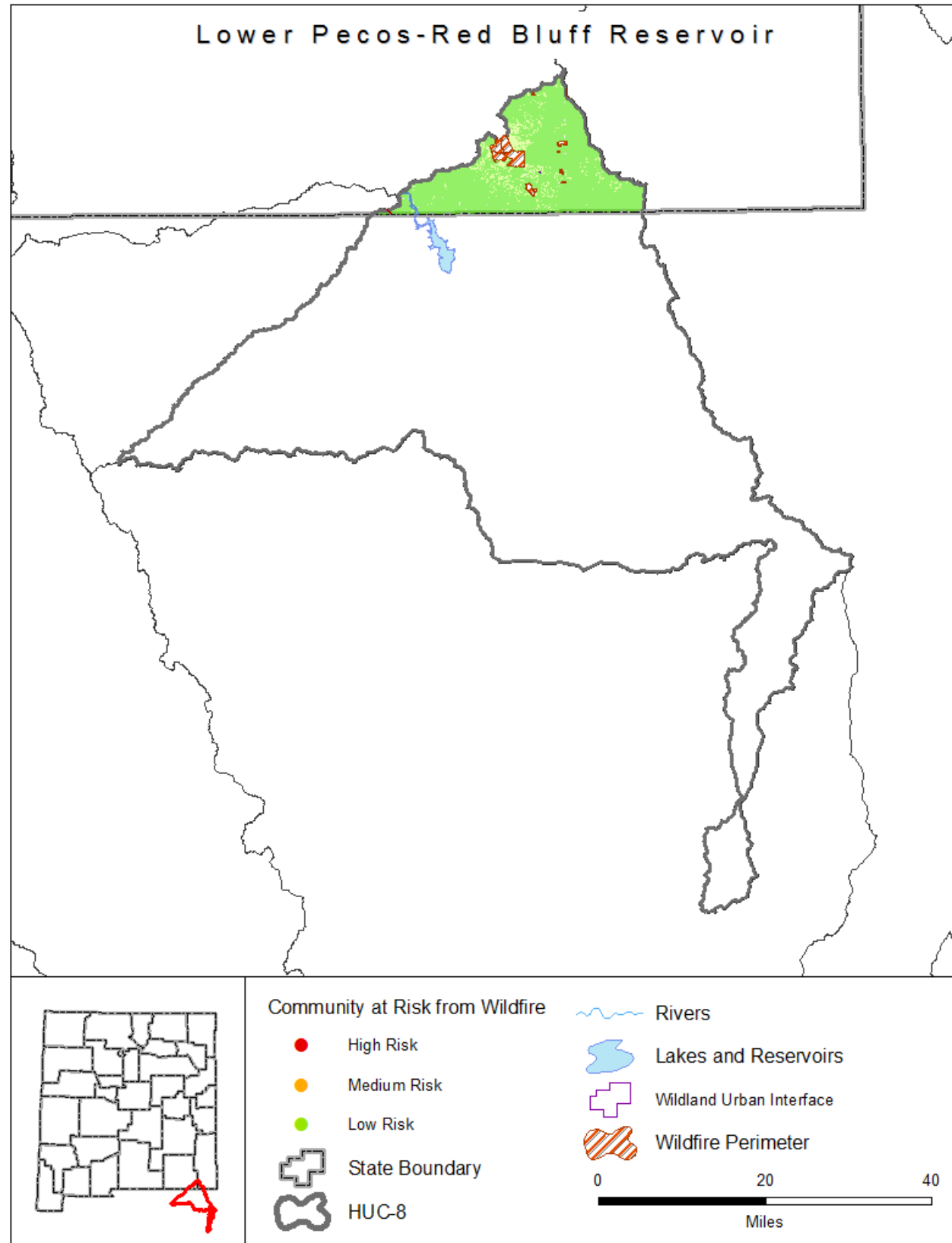
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	2
NFIP Communities	2
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Lower Pecos-Red Bluff Reservoir



**Risk Rank:** Low

**Description**

The Lower Pecos - Red Bluff Reservoir watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 6,655 acres have burned during 16 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Eddy, Lea

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 13070001**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	90%
Low	10%
Moderate	0%
High	0%
Very High	0%
Non-Burnable	%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	16
Acres Burned 2006-2016	6,655

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
	Acres
Interface	0
Intermix	8
WUI Addressed Structures	1

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

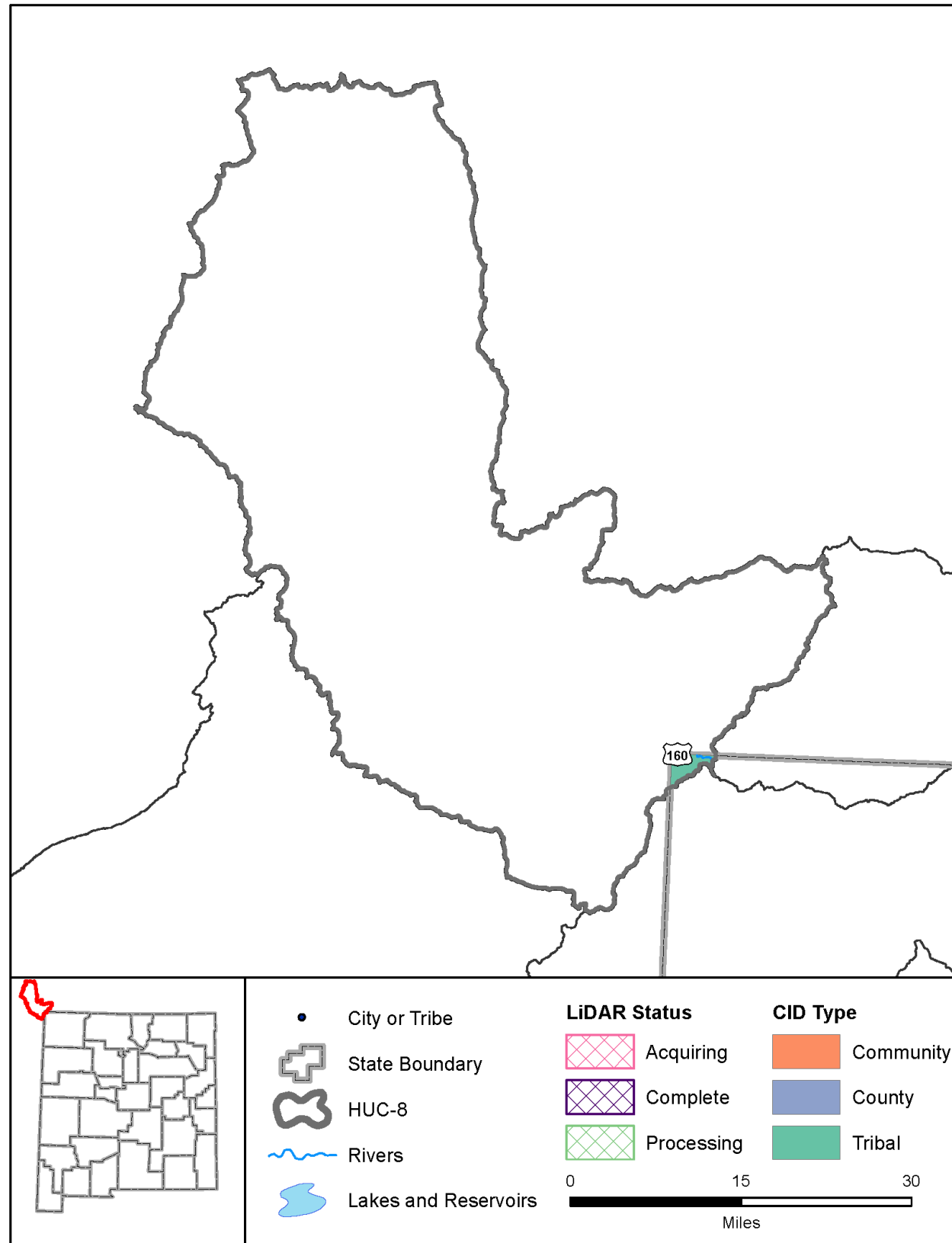
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	68,480
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## Lower San Juan-Four Corners



### Description

The Lower San Juan - Four Corners watershed is home to approximately 400 people in New Mexico and is located on the northwestern border of the state. The watershed is entirely tribal land with less than 1% of the watershed within New Mexico. The watershed has minimal topographic relief within New Mexico. The San Juan River is the primary hydrologic feature with smaller intermittent tributaries. There is no FIRM data or lidar data for the watershed. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

San Juan

### Communities

No communities within this watershed.

### Tribal Nations

Navajo Nation

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 14080201

#### Watershed Characteristics

Area (sq mi)	2,000
Population in NM	326
CNMS Streams (mi)	0
Maximum Elevation (feet)	5,251
Minimum Elevation (feet)	4,632
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	0.36 %
Private	0 %
State	0 %
Tribal	99.83 %
Federal	0 %
States	AZ, CO, UT, NM

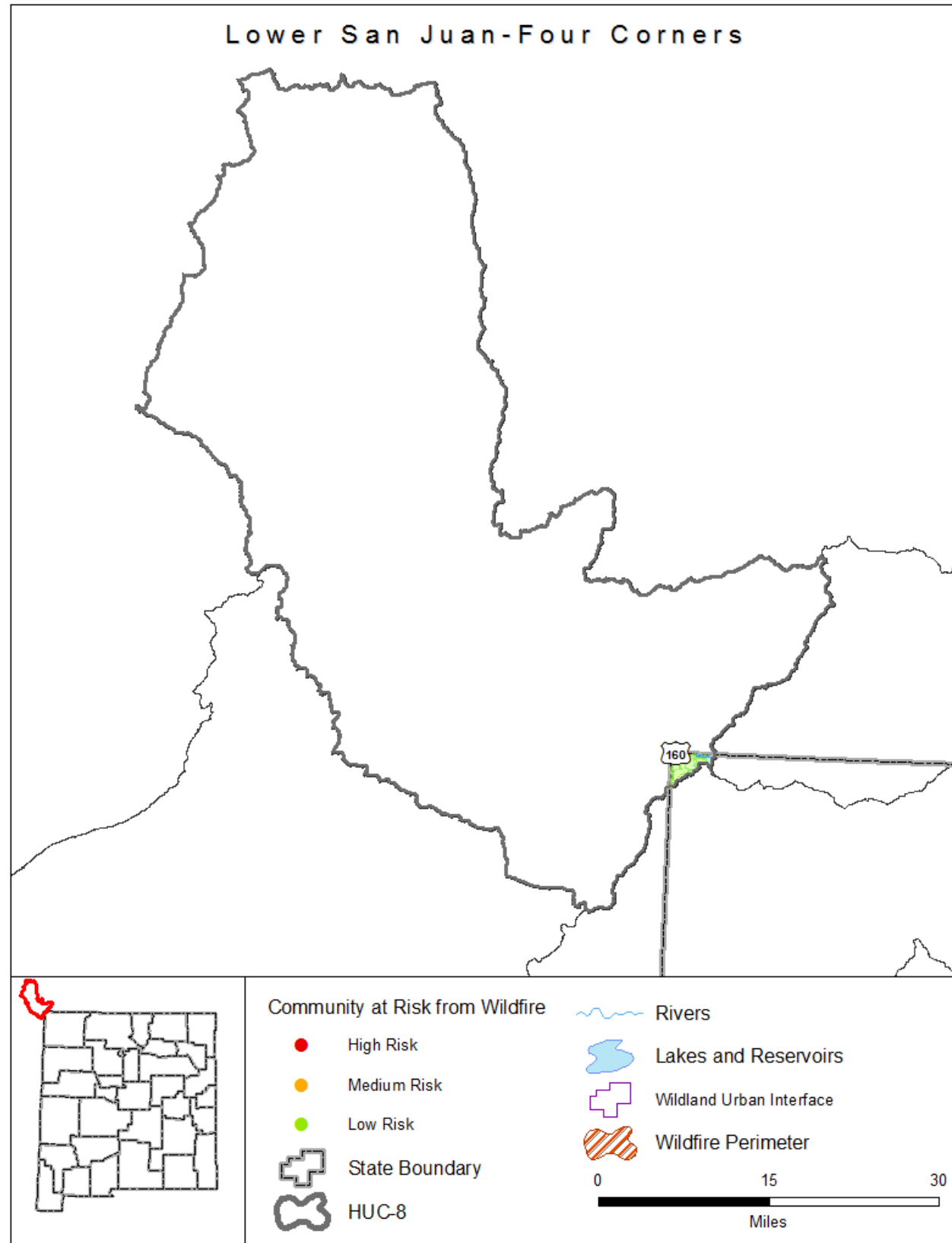
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	2
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Lower San Juan-Four Corners



**Risk Rank:** Low

**Description**

The Lower San Juan - Four Corners watershed at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**

No significant lidar available.

**Counties**

San Juan

**Communities**

No communities within this watershed.

**Tribal Nations**

Navajo Nation

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 14080201**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	43%
Low	47%
Moderate	0%
High	0%
Very High	0%
Non-Burnable	7%
Water	3%

**Watershed Characteristics**

Wildfires 2006-2016	0
Acres Burned 2006-2016	0

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
	Acres
Interface	0
Intermix	0
WUI Addressed Structures	0

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

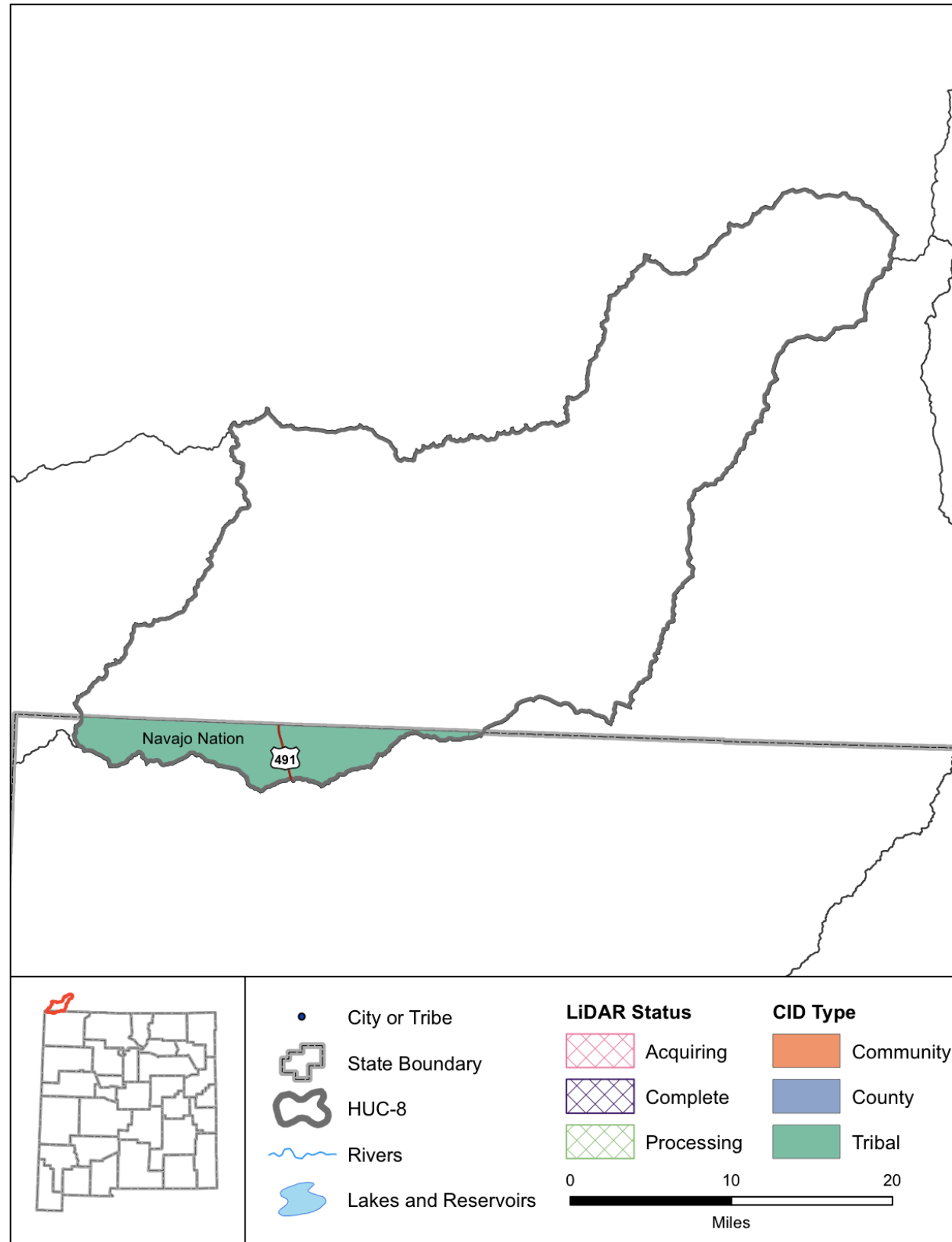
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Mancos



### Description

The Mancos watershed is home to approximately 100 people in New Mexico and is located in the northwest corner of the state. The watershed is entirely tribal land with only 8% of the watershed within New Mexico. Mancos Canyon is the primary topographic feature within the watershed. The Mancos River is the primary hydrologic feature with smaller intermittent tributaries. There is no FIRM data or lidar data for the watershed. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

San Juan

### Communities

No communities within this watershed.

### Tribal Nations

Navajo Nation, Ute Mountain Reservation

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 14080107

#### Watershed Characteristics

Area (sq mi)	803
Population in NM	108
CNMS Streams (mi)	0
Maximum Elevation (feet)	6,889
Minimum Elevation (feet)	4,661
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	7.27 %
Private	0 %
State	0 %
Tribal	99.96 %
Federal	0 %
States	CO, NM

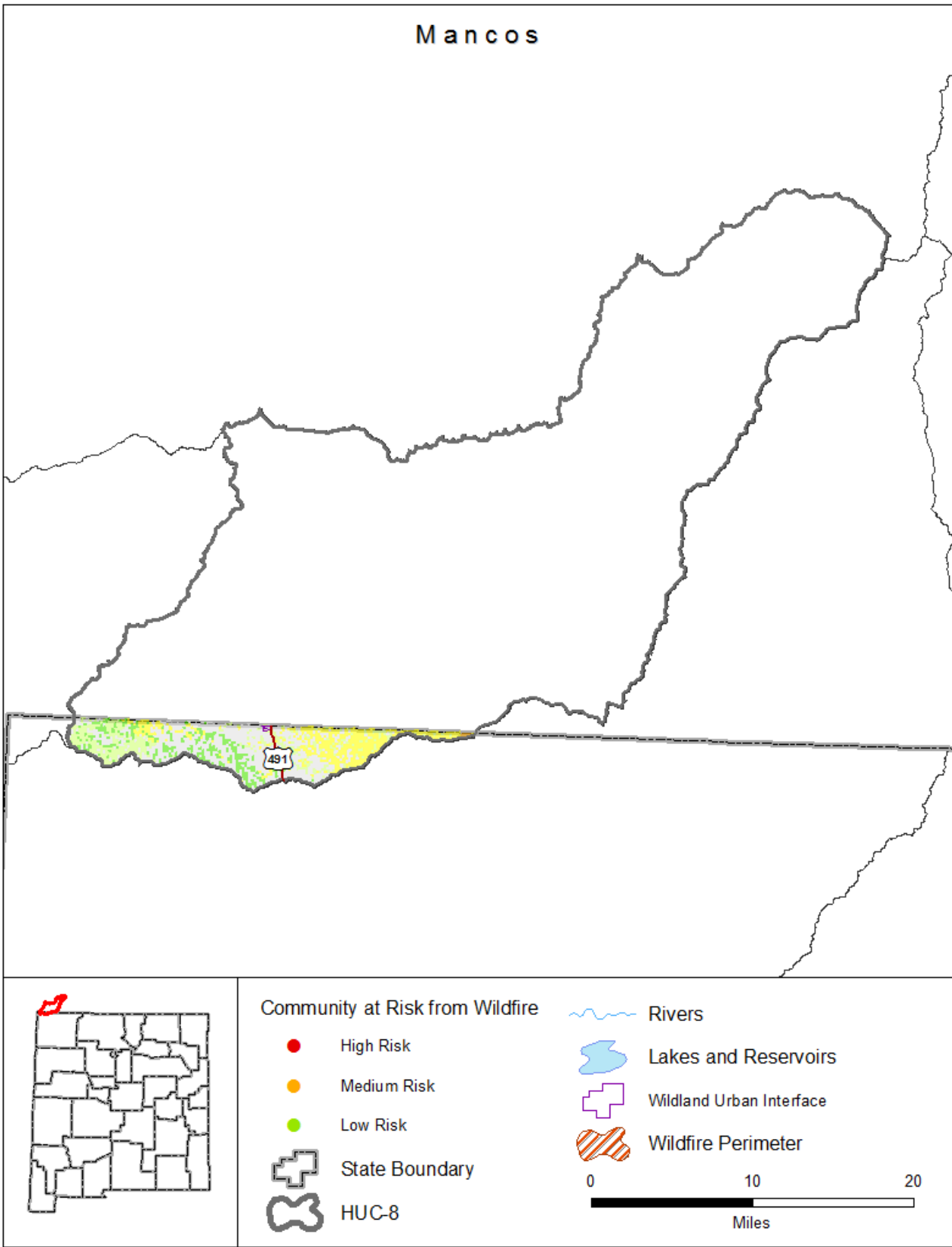
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	3
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

Mancos



Risk Rank: Low

Description

The Mancos watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan.

Lidar Data Availability

No significant lidar available.

Counties

San Juan

Communities

No communities within this watershed.

Tribal Nations

Navajo Nation, Ute Mountain Reservation

Debris Flow Modeling

None.

Communities at High Risk of Wildland Fire

None.

Watershed 14080107

Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	13%
Low	19%
Moderate	22%
High	0%
Very High	0%
Non-Burnable	46%
Water	0%

Watershed Characteristics

Wildfires 2006-2016	0
Acres Burned 2006-2016	0

Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0.22%
Acres	
Interface	0
Intermix	82
WUI Addressed Structures	3

Communities at Risk from Wildland Fire

High Risk	0
Medium Risk	0
Low Risk	0

Nature Conservancy HUC 12 At-Risk Watersheds Rankings

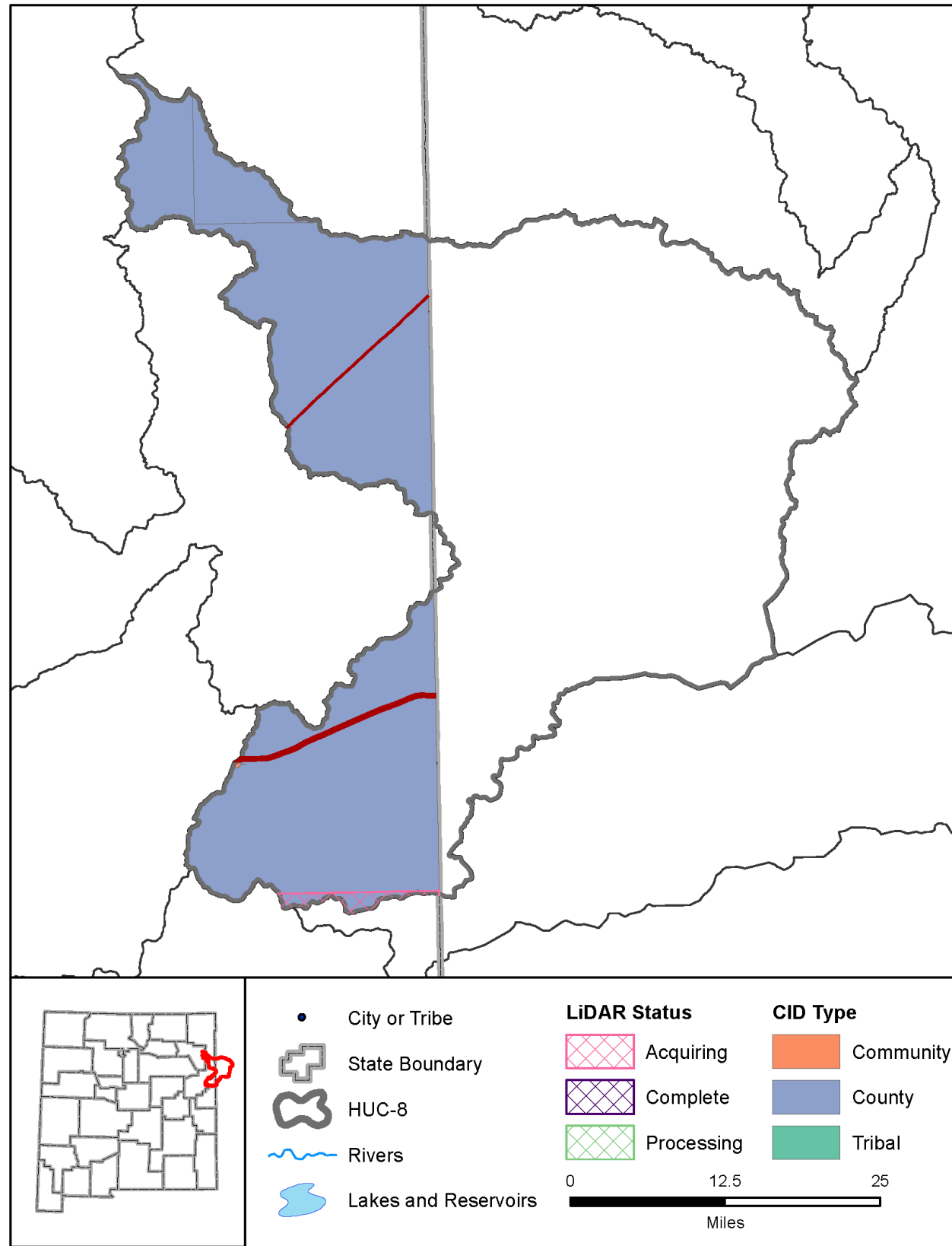
High Priority	0
Very High Priority	0

Vegetation Treatments 2006-2016

Acres Treated	0
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## Middle Canadian-Trujillo



### Description

The Middle Canadian-Trujillo watershed is home to approximately 1,000 people along the northeastern border of New Mexico. The watershed contains several mesas and arroyos. The primary hydrographic feature is the Canadian River. There is no FHBM or FIRM data for the watershed. Lidar data is anticipated being collected in 2015 for regulatory and non-regulatory flood risk projects. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Texas.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for a small section of the southern portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Curry, Harding, Quay, Union

### Communities

San Jon

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11090101

#### Watershed Characteristics

Area (sq mi)	1,851
Population in NM	1,061
CNMS Streams (mi)	1
Maximum Elevation (feet)	5,116
Minimum Elevation (feet)	3,513
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	37.91 %
Private	90.73 %
State	9.25 %
Tribal	0 %
Federal	0 %
States	NM, TX

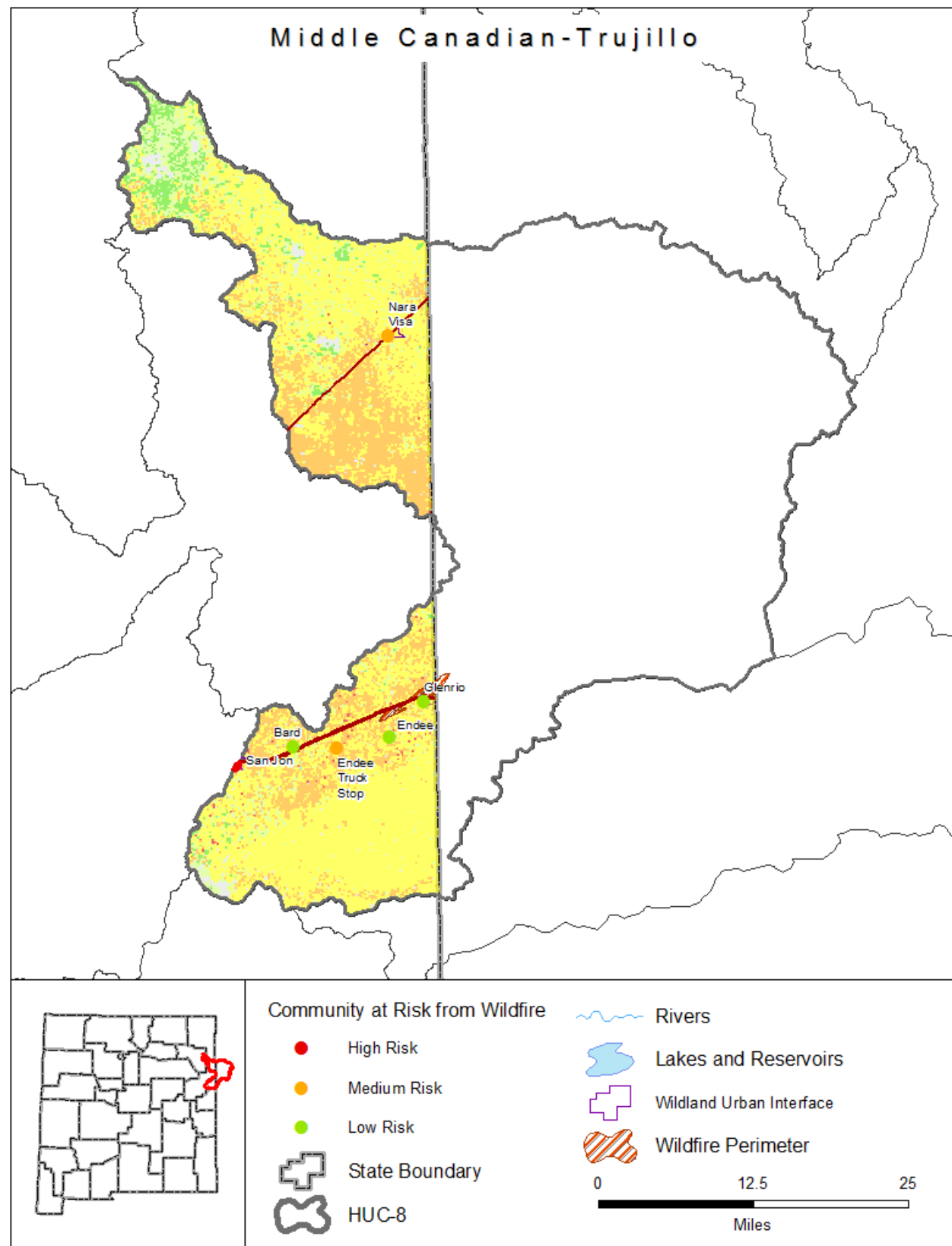
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	5
NFIP Communities	3
NFIP Policies	2
Policies within the SFHA	0
Policies outside of the SFHA	2
NFIP Premium Total	\$ 499
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Middle Canadian-Trujillo



**Risk Rank:** High

**Description**

The Middle Canadian-Trujillo watershed is at high risk of wildfire and the community of San Jon was identified as high risk in the local Community Wildfire Protection Plan. A total of 1,547 acres have burned during 4 wildfire events over the last ten years.

**Lidar Data Availability**

A collection of federal agencies anticipates collecting USGS QL2 lidar for a small section of the southern portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

**Counties**

Curry, Harding, Quay, Union

**Communities**

San Jon

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

San Jon

**Watershed 11090101**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	4%
Low	10%
Moderate	59%
High	24%
Very High	0%
Non-Burnable	2%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	4
Acres Burned 2006-2016	1,547

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.02%
Intermix	0.1%
	Acres
Interface	70
Intermix	465
WUI Addressed Structures	26

**Communities at Risk from Wildland Fire**

High Risk	1
Medium Risk	2
Low Risk	3

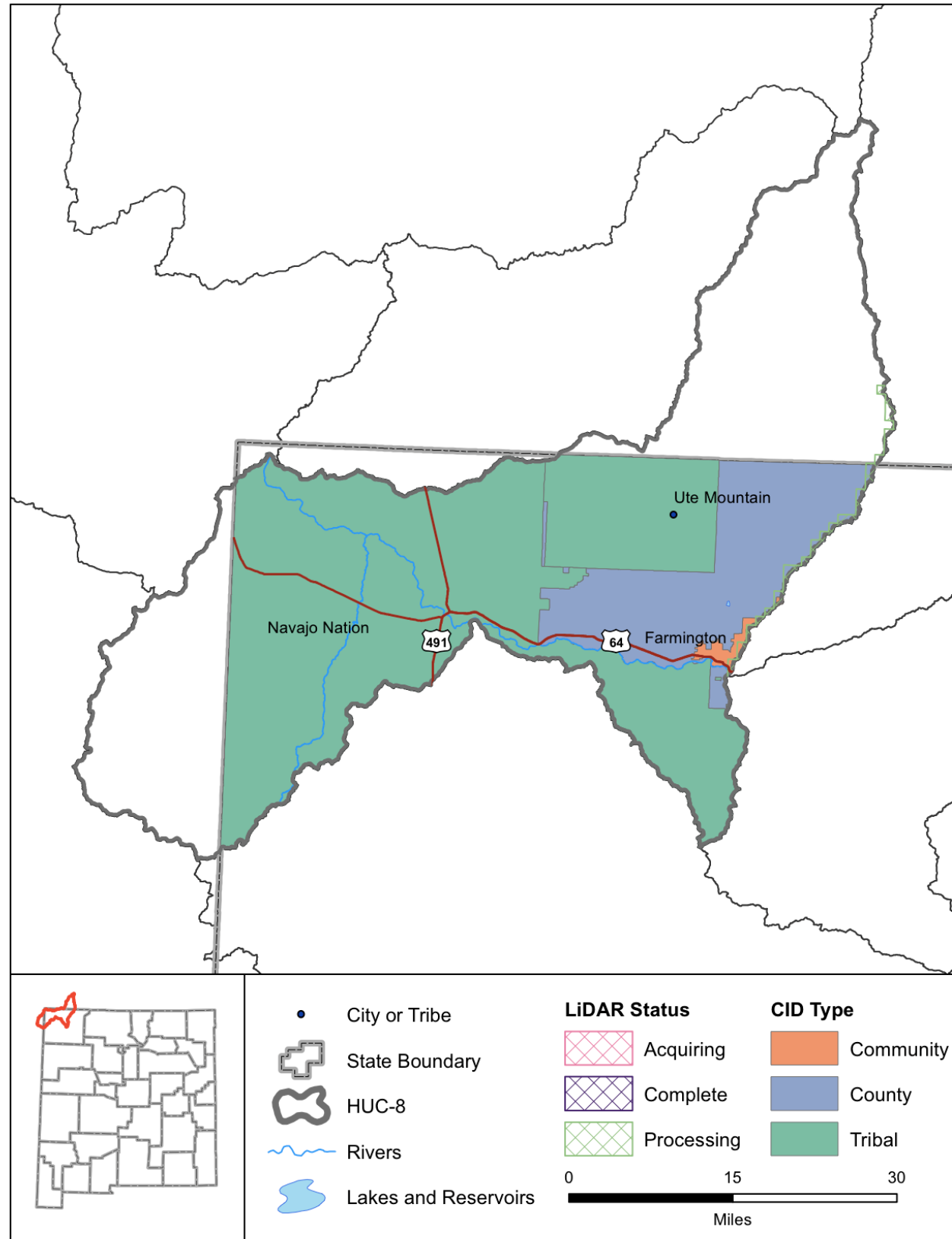
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Middle San Juan



### Description

The Middle San Juan watershed is home to approximately 40,000 people in New Mexico and is located on the northwestern border of the state. Approximately 64% of the watershed is located in New Mexico and is primarily tribal land. The watershed has significant topographic relief resulting from the Carrizo and Ute Mountains. The San Juan River is the primary hydrologic feature with smaller intermittent tributaries. FIRM data is fairly extensive within the watershed except within tribal land. Lidar data is not available for the watershed. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

San Juan

### Communities

Farmington

### Tribal Nations

Navajo Nation, Ute Mountain Reservation

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066987.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066987.pdf)

### Watershed 14080105

#### Watershed Characteristics

Area (sq mi)	1,948
Population in NM	38,977
CNMS Streams (mi)	210
Maximum Elevation (feet)	9,419
Minimum Elevation (feet)	4,616
High Hazard Potential Dams	3
Significant Hazard Potential Dams	8
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	63.34 %
Private	9.92 %
State	1.81 %
Tribal	76.59 %
Federal	11.68 %
States	AZ, CO, NM

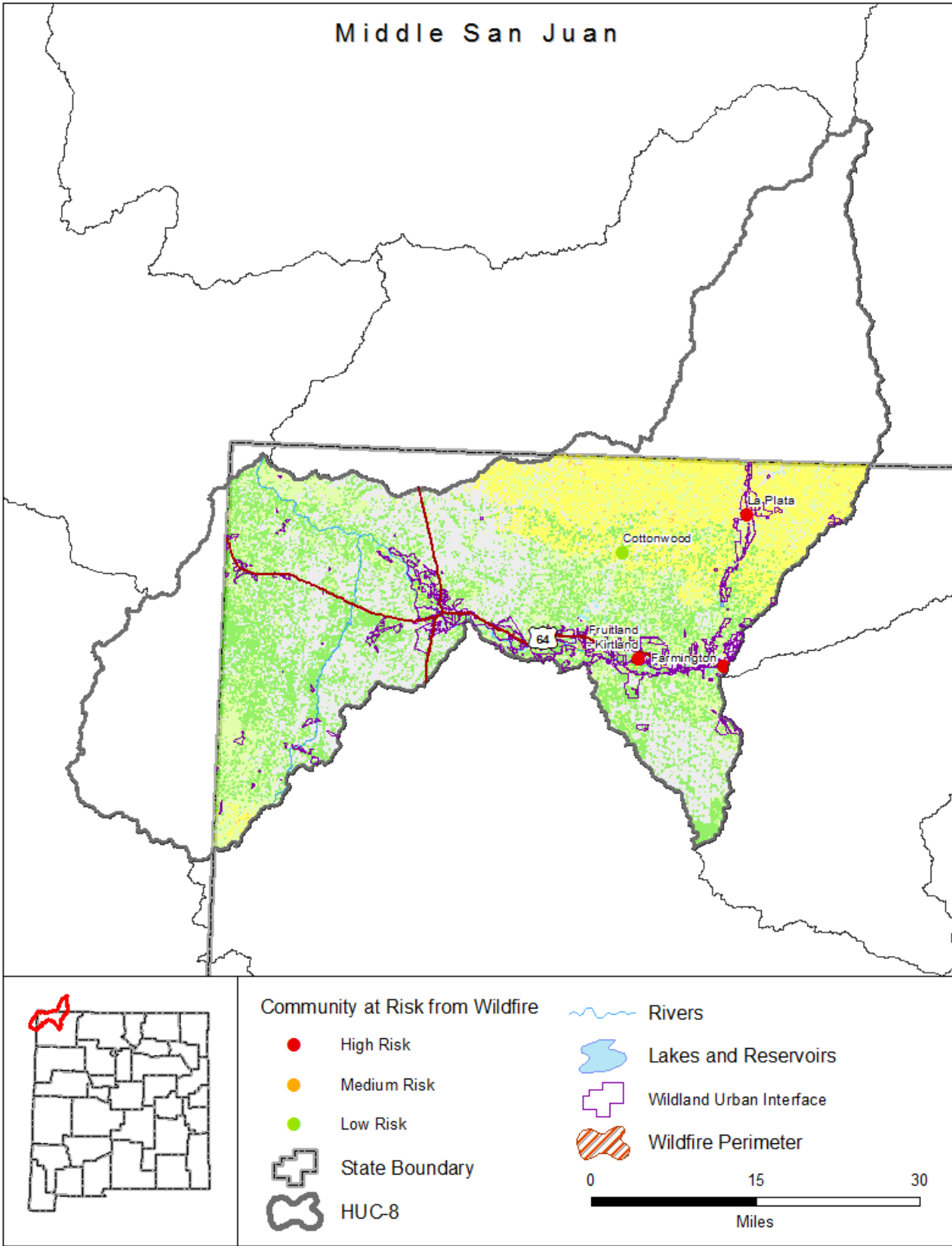
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	4
NFIP Communities	2
NFIP Policies	55
Policies within the SFHA	19
Policies outside of the SFHA	36
NFIP Premium Total	\$ 39,098
NFIP Claims	9
Claims within the SFHA	1
Claims outside of the SFHA	8
Paid Claims	\$ 15,353
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Middle San Juan



**Risk Rank:** Low

**Description**

The Middle San Juan watershed is at low risk of wildfire. Farmington, Fruitland - Kirtland, and La Plata were identified as high risk in the local Community Wildfire Protection Plan. The BLM anticipates collecting lidar in FY 2017 for a portion of the east central part of the watershed.

**Lidar Data Availability**

The BLM anticipates collecting USGS QL2 lidar in FY 2017 for a portion of the east central part of the watershed.

**Counties**

San Juan

**Communities**

Farmington

**Tribal Nations**

Navajo Nation, Ute Mountain Reservation

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Farmington, Fruitland - Kirtland, La Plata

**Watershed 14080105**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	30%
Low	20%
Moderate	18%
High	0%
Very High	0%
Non-Burnable	31%
Water	1%

**Watershed Characteristics**

Wildfires 2006-2016	0
Acres Burned 2006-2016	0

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	3.1%
Intermix	3.81%
Acres	
Interface	24,461
Intermix	30,051
WUI Addressed Structures	439

**Communities at Risk from Wildland Fire**

High Risk	3
Medium Risk	0
Low Risk	1

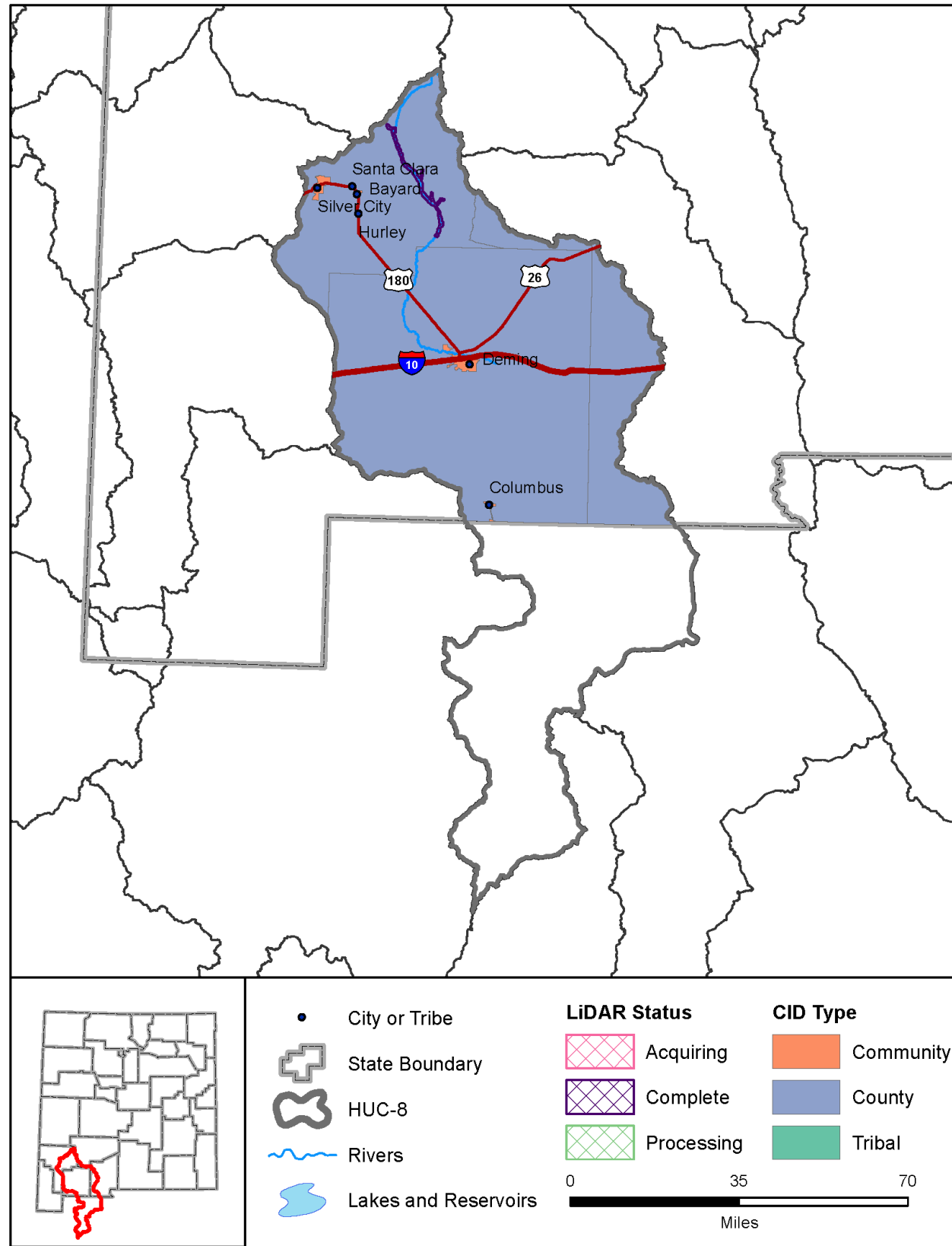
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	1
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	3,840
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## Mimbres



### Description

The Mimbres watershed is home to approximately 56,000 people along the southern border of New Mexico. There is significant topographic relief from the Mogollon and Black Range Mountains. The Mimbres River is the major hydrologic feature. There is extensive FIRM data in Luna and Grant Counties but none in Dona Ana. FHBM data is available in Sierra County. There is limited lidar available for the Silver Fire from the USACE. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

The USACE collected post-wildfire lidar data for the Silver Fire in 2013.

### Counties

Dona Ana, Grant, Luna, Sierra

### Communities

Bayard, Columbus, Deming, Hurley, Santa Clara, Silver City

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_067313.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_067313.pdf)

### Watershed 13030202

#### Watershed Characteristics

Area (sq mi)	6,686
Population in NM	56,130
CNMS Streams (mi)	1,627
Maximum Elevation (feet)	10,212
Minimum Elevation (feet)	3,944
High Hazard Potential Dams	3
Significant Hazard Potential Dams	3
Low Hazard Potential Dams	11

#### Ownership

Percent in New Mexico	67.71 %
Private	35.61 %
State	23.76 %
Tribal	0 %
Federal	40.63 %
States	NM, MX

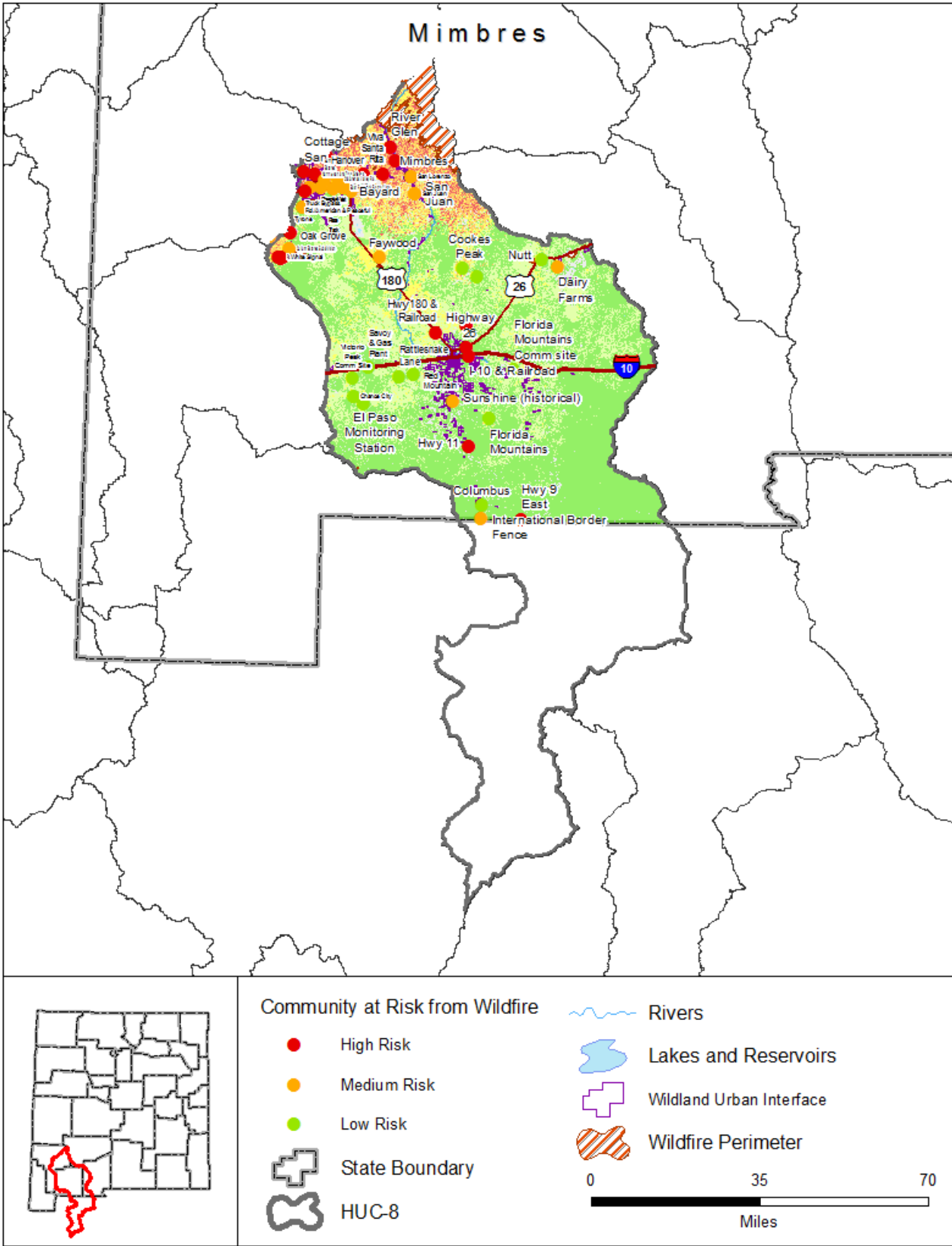
#### Flood Maps

DFIRM Available	Yes
FHBM Available	Yes

#### NFIP Statistics

CID Communities	10
NFIP Communities	8
NFIP Policies	112
Policies within the SFHA	59
Policies outside of the SFHA	53
NFIP Premium Total	\$ 92,908
NFIP Claims	11
Claims within the SFHA	7
Claims outside of the SFHA	4
Paid Claims	\$ 202,536
Repetitive Loss Structures	1
Repetitive Loss Claims	2
Rep Loss Structures within SFHA	1
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 88,421

### Mimbres



Risk Rank: High

**Description**

The Mimbres watershed is at high risk of wildfire. The communities of Chisolm Ranch Subdivision, Cottage San, Hanover, Highway 26, Hwy 11, Hwy 180 & Railroad, Hwy 9 East, I-10 & Railroad, Mimbres, North Swan and Dos Griegos, Oak Grove, Paradise Acres I, Paradise Acres II, River Glen, Truck Bypass Rd./American & Peaceful, Viva Santa Rita, and White Signal were identified as high risk in the local Community Wildfire Protection Plan. A total of 83,084 acres have burned during 70 wildfire events over the last ten years.

**Lidar Data Availability**

The USACE collected post-wildfire lidar data for the Silver Fire in 2013.

**Counties**

Dona Ana, Grant, Luna, Sierra

**Communities**

Bayard, Columbus, Deming, Hurley, Santa Clara, Silver City

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Chisolm Ranch Subdivision, Cottage San, Hanover, Highway 26, Hwy 11, Hwy 180 & Railroad, Hwy 9 East, I-10 & Railroad, Mimbres, North Swan and Dos Griegos, Oak Grove, Paradise Acres I, Paradise Acres II, River Glen, Truck Bypass Rd./American & Peaceful, Viva Santa Rita, White Signal

**Watershed 13030202**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	53%
Low	26%
Moderate	7%
High	6%
Very High	4%
Non-Burnable	3%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	70
Acres Burned 2006-2016	83,084

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.26%
Intermix	2.35%
Acres	
Interface	7,460
Intermix	67,952
WUI Addressed Structures	1153

**Communities at Risk from Wildland Fire**

High Risk	18
Medium Risk	18
Low Risk	12

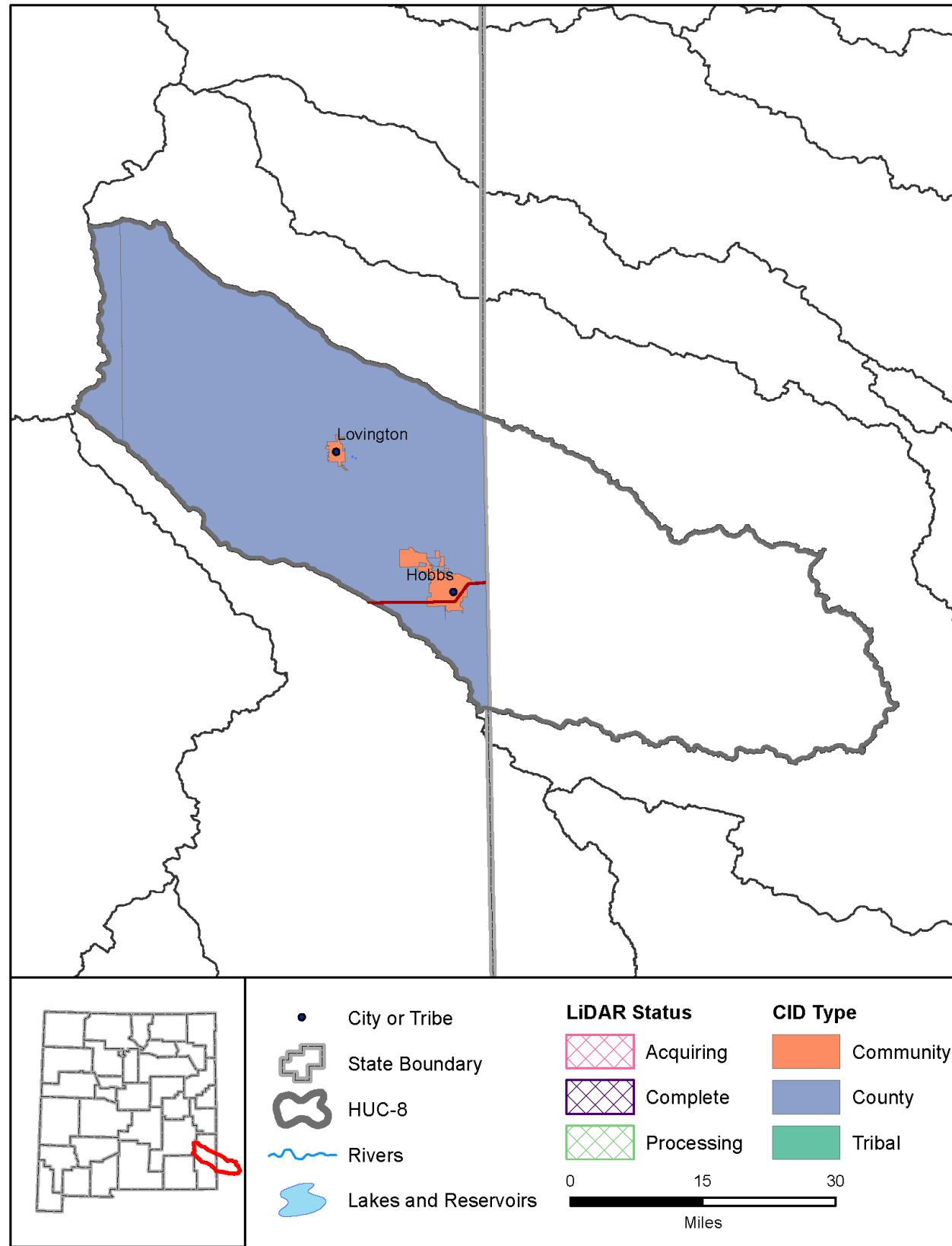
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	7
Very High Priority	4

**Vegetation Treatments 2006-2016**

Acres Treated	104,320
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## Monument-Seminole Draws



### Description

The Monument-Seminole Draws watershed is home to approximately 53,000 people along the southeastern border of New Mexico. The watershed primarily consists of oil fields within the eastern plains. The watershed contains several intermittend ponds/lakes. There is no FIRM or FHBM data outside of Hobbs and Livingston. No lidar data is available. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Texas.

### Lidar Data Availability

No significant lidar available.

### Counties

Chaves, Lea

### Communities

Hobbs, Lovington

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_067967.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_067967.pdf)

### Watershed 12080003

#### Watershed Characteristics

Area (sq mi)	2,409
Population in NM	53,139
CNMS Streams (mi)	168
Maximum Elevation (feet)	4,489
Minimum Elevation (feet)	3,514
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	52.47 %
Private	59.7 %
State	39.99 %
Tribal	0 %
Federal	0.31 %
States	NM, TX

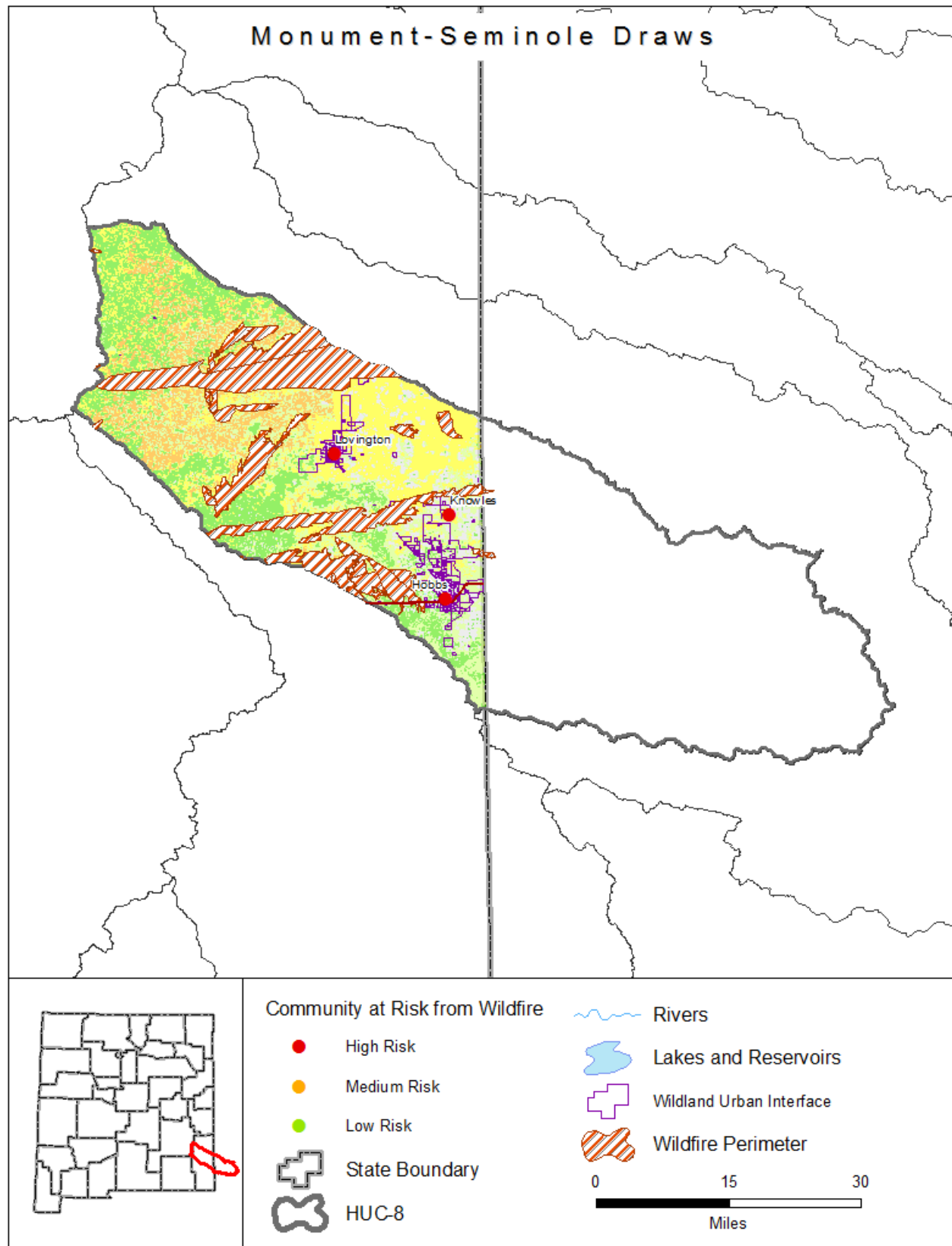
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	4
NFIP Communities	4
NFIP Policies	948
Policies within the SFHA	903
Policies outside of the SFHA	45
NFIP Premium Total	\$ 538,205
NFIP Claims	175
Claims within the SFHA	146
Claims outside of the SFHA	29
Paid Claims	\$ 769,339
Repetitive Loss Structures	11
Repetitive Loss Claims	28
Rep Loss Structures within SFHA	10
Rep Loss Structures outside SFHA	1
Repetitive Loss Total	\$ 229,236

### Monument-Seminole Draws



**Risk Rank:** High

**Description**

The Monument-Seminole Draws watershed is at high risk of wildfire. The communities of Hobbs, Knowles, and Lovington were identified as high risk in the local Community Wildfire Protection Plan. A total of 204,864 acres have burned during 63 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Chaves, Lea

**Communities**

Hobbs, Lovington

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Hobbs, Knowles, Lovington

**Watershed 12080003**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	22%
Low	23%
Moderate	36%
High	12%
Very High	0%
Non-Burnable	8%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	63
Acres Burned 2006-2016	204,864

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	1.24%
Intermix	3.67%
	Acres
Interface	10,028
Intermix	29,638
WUI Addressed Structures	203

**Communities at Risk from Wildland Fire**

High Risk	3
Medium Risk	0
Low Risk	0

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

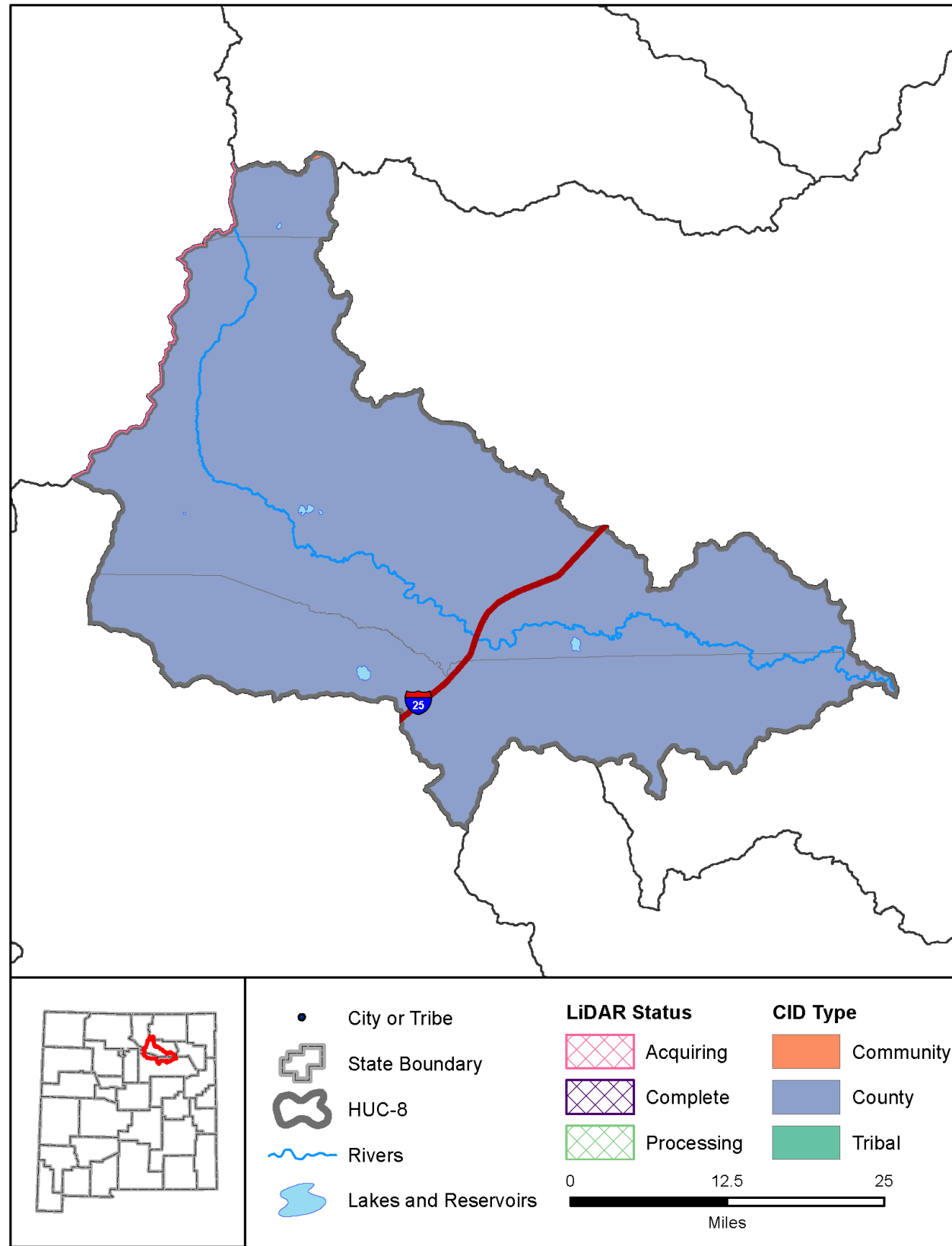
High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	7,680
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## Mora



### Description

The Mora watershed is home to approximately 5,000 people in north-central New Mexico. Topographically, the Sangre De Cristo Mountain Range runs along the western side of the watershed and it also includes the Rincon and Turkey Mountains. The primary hydrologic features include the Mora River, Sapello River, Coyote Creek, Red Lake, Lake Isabel, Lake David, and multiple creeks, tributaries, and estuaries. There is extensive FIRM data within San Miguel County and FIRM data within Mora County. There is no lidar data available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Colfax, Mora, Rio Arriba, San Miguel, Taos

### Communities

Angel Fire

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_067278.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_067278.pdf)

### Watershed 11080004

#### Watershed Characteristics

Area (sq mi)	1,456
Population in NM	5,248
CNMS Streams (mi)	605
Maximum Elevation (feet)	12,644
Minimum Elevation (feet)	4,627
High Hazard Potential Dams	1
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	4

#### Ownership

Percent in New Mexico	100 %
Private	88.69 %
State	3.38 %
Tribal	0 %
Federal	7.93 %
States	NM

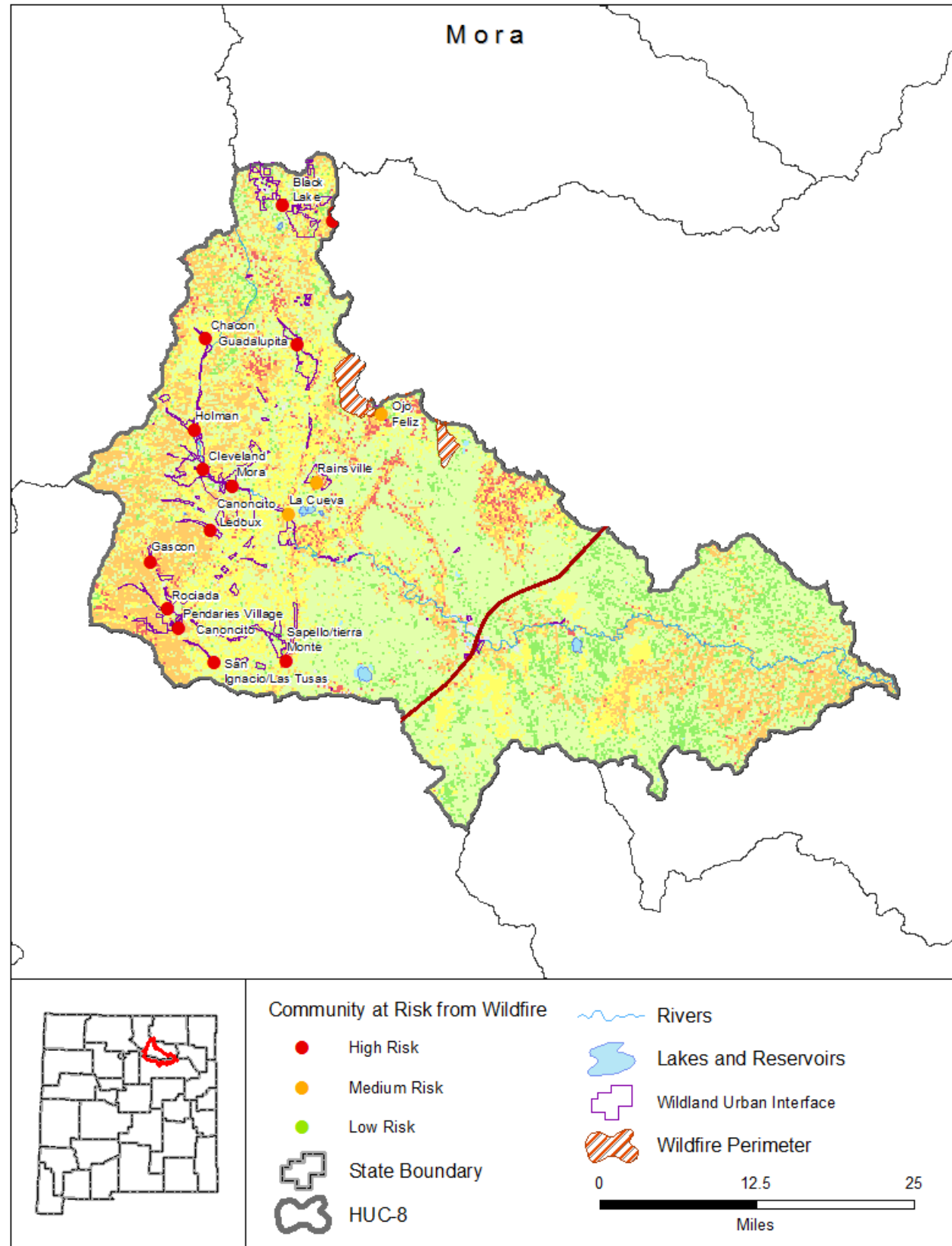
#### Flood Maps

DFIRM Available	Yes
FHBM Available	Yes

#### NFIP Statistics

CID Communities	6
NFIP Communities	6
NFIP Policies	7
Policies within the SFHA	0
Policies outside of the SFHA	7
NFIP Premium Total	\$ 5,188
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Mora



**Risk Rank: High**

### Description

The Mora watershed is at high risk of wildfire. The communities of Black Lake, Chacon, Cleveland, Gascon, Guadalupita, Hidden Lake, Holman, Ledoux, Mora, Pendaries Village, Rociada, San Ignacio/Las Tusas, and Sapello/Tierra Monte were identified as high risk in the local Community Wildfire Protection Plan. A total of 7,941 acres have burned during 2 wildfire events over the last ten years. Lidar data will be collected in FY 2017 by NRCS.

### Lidar Data Availability

USGS Quality Level 2 lidar data will be collected in FY 2017 by NRCS.

### Counties

Colfax, Mora, Rio Arriba, San Miguel, Taos

### Communities

Angel Fire

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

Black Lake, Chacon, Cleveland, Gascon, Guadalupita, Hidden Lake, Holman, Ledoux, Mora, Pendaries Village, Rociada, San Ignacio/Las Tusas, Sapello/Tierra Monte

### Watershed 11080004

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	10%
Low	51%
Moderate	18%
High	17%
Very High	3%
Non-Burnable	1%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	2
Acres Burned 2006-2016	7,941

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.14%
Intermix	3.11%
Acres	
Interface	1,260
Intermix	29,022
WUI Addressed Structures	266

#### Communities at Risk from Wildland Fire

High Risk	13
Medium Risk	3
Low Risk	0

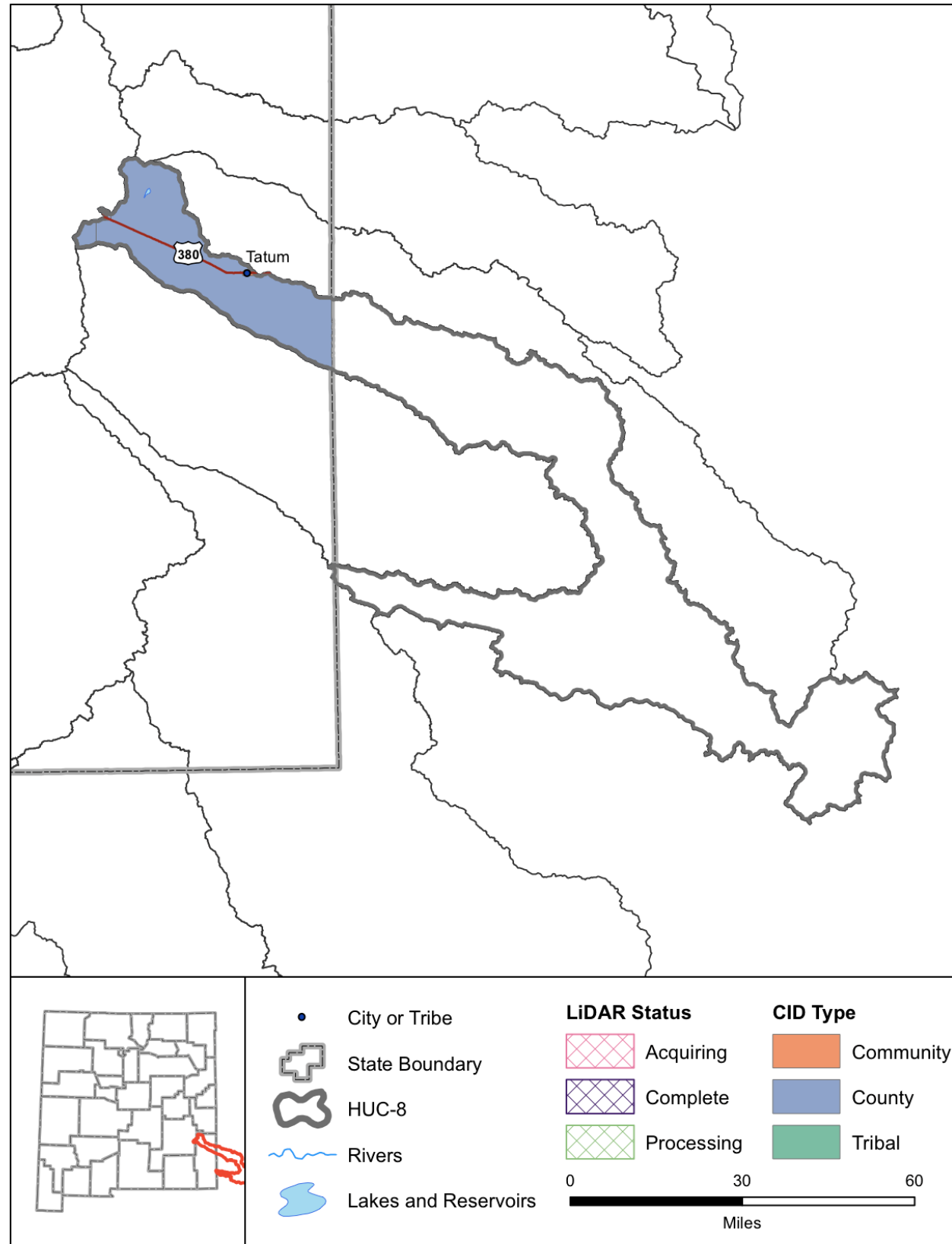
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	11
Very High Priority	6

#### Vegetation Treatments 2006-2016

Acres Treated	1,920
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## Mustang Draw



### Description

The Mustang Draw watershed is home to approximately 2,000 people along the southeastern border of New Mexico. The watershed is part of the Llano Estacado (Staked Plain). The primary hydrologic feature is Lane Salt Lake and there are multiple areas with intermittent ponds/lakes. There is no FIRM or FHBM data outside of Tatum. No lidar data is available. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Texas.

### Lidar Data Availability

No significant lidar available.

### Counties

Chaves, Lea

### Communities

Tatum

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_068317.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_068317.pdf)

### Watershed 12080004

#### Watershed Characteristics

Area (sq mi)	3,108
Population in NM	1,842
CNMS Streams (mi)	3
Maximum Elevation (feet)	4,527
Minimum Elevation (feet)	3,521
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	18.15 %
Private	63.01 %
State	36.81 %
Tribal	0 %
Federal	0.16 %
States	NM, TX

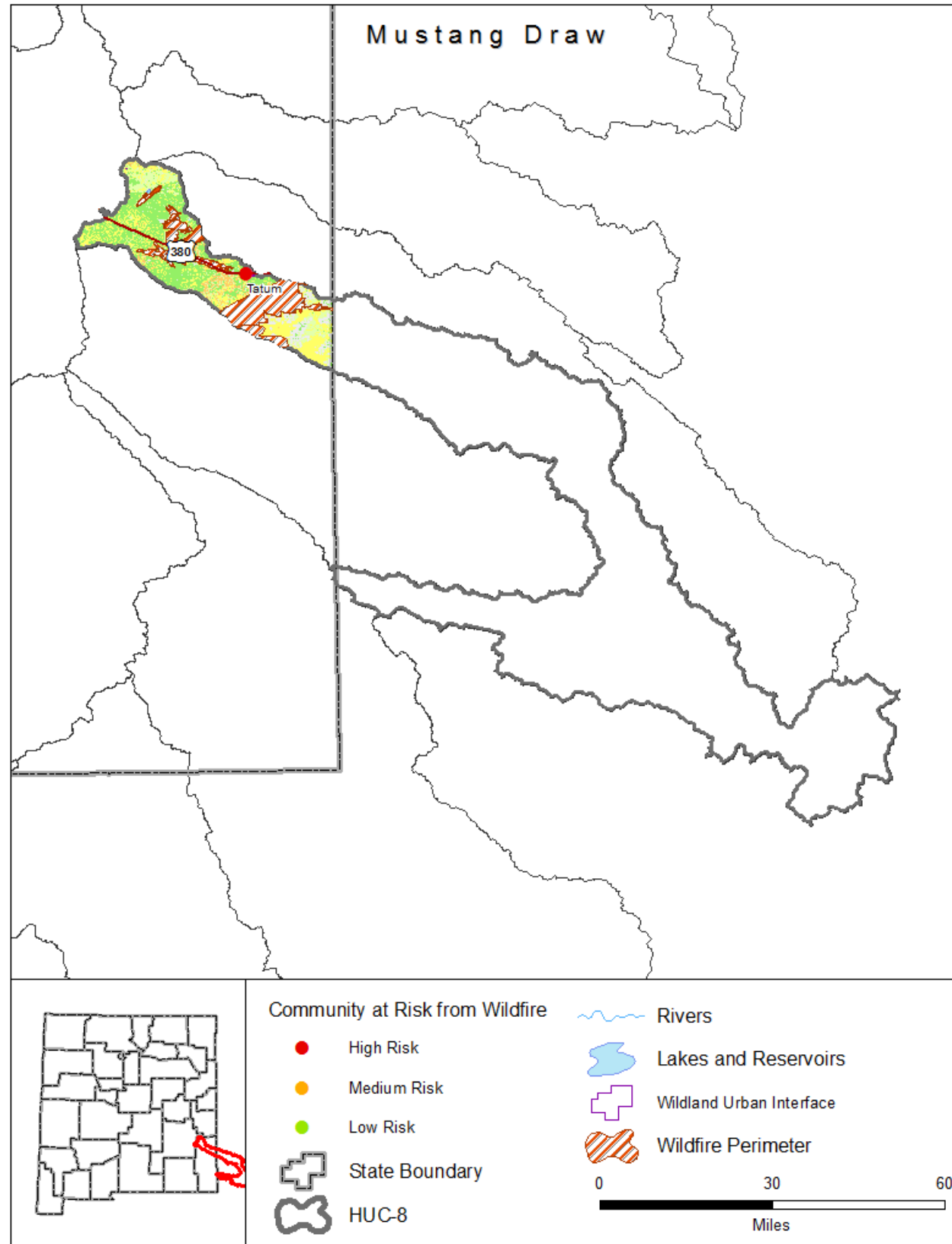
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	3
NFIP Communities	3
NFIP Policies	13
Policies within the SFHA	13
Policies outside of the SFHA	0
NFIP Premium Total	\$ 12,302
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Mustang Draw



**Risk Rank:** Medium

**Description**

The Mustang Draw watershed is at medium risk of wildfire. The community of Tatum was identified as high risk in the local Community Wildfire Protection Plan. A total of 82,855 acres have burned during 16 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Chaves, Lea

**Communities**

Tatum

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Tatum

**Watershed 12080004**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	33%
Low	15%
Moderate	40%
High	5%
Very High	0%
Non-Burnable	7%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	16
Acres Burned 2006-2016	82,855

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.14%
Intermix	0.09%
Acres	
Interface	512
Intermix	327
WUI Addressed Structures	30

**Communities at Risk from Wildland Fire**

High Risk	1
Medium Risk	0
Low Risk	0

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	2,560
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## North Plains

### Description

The North Plains watershed is home to approximately 1,300 people in western New Mexico. The watershed has significant topographic relief from Mount Taylor. Deep Water Draw is the major hydrologic feature. FIRM data is widely available throughout Cibola County but is not available in Catron or Tribal land. There is no lidar data available within the watershed. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Catron, Cibola

### Communities

Grants

### Tribal Nations

Navajo Nation, Acoma Pueblo

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 13020206

#### Watershed Characteristics

Area (sq mi)	1,209
Population in NM	1,292
CNMS Streams (mi)	224
Maximum Elevation (feet)	9,139
Minimum Elevation (feet)	6,400
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

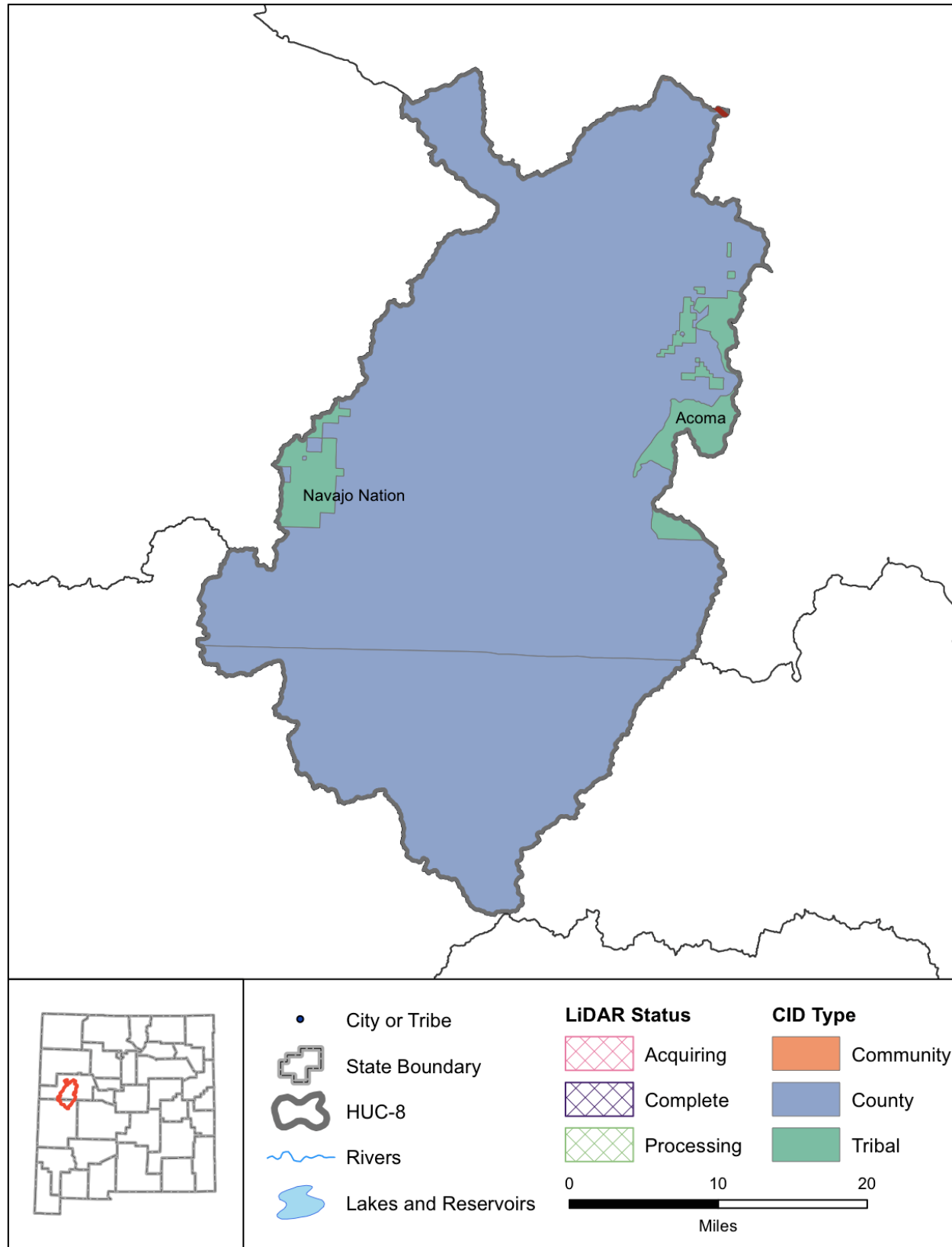
Percent in New Mexico	100 %
Private	38.21 %
State	4.68 %
Tribal	6.52 %
Federal	50.59 %
States	NM

#### Flood Maps

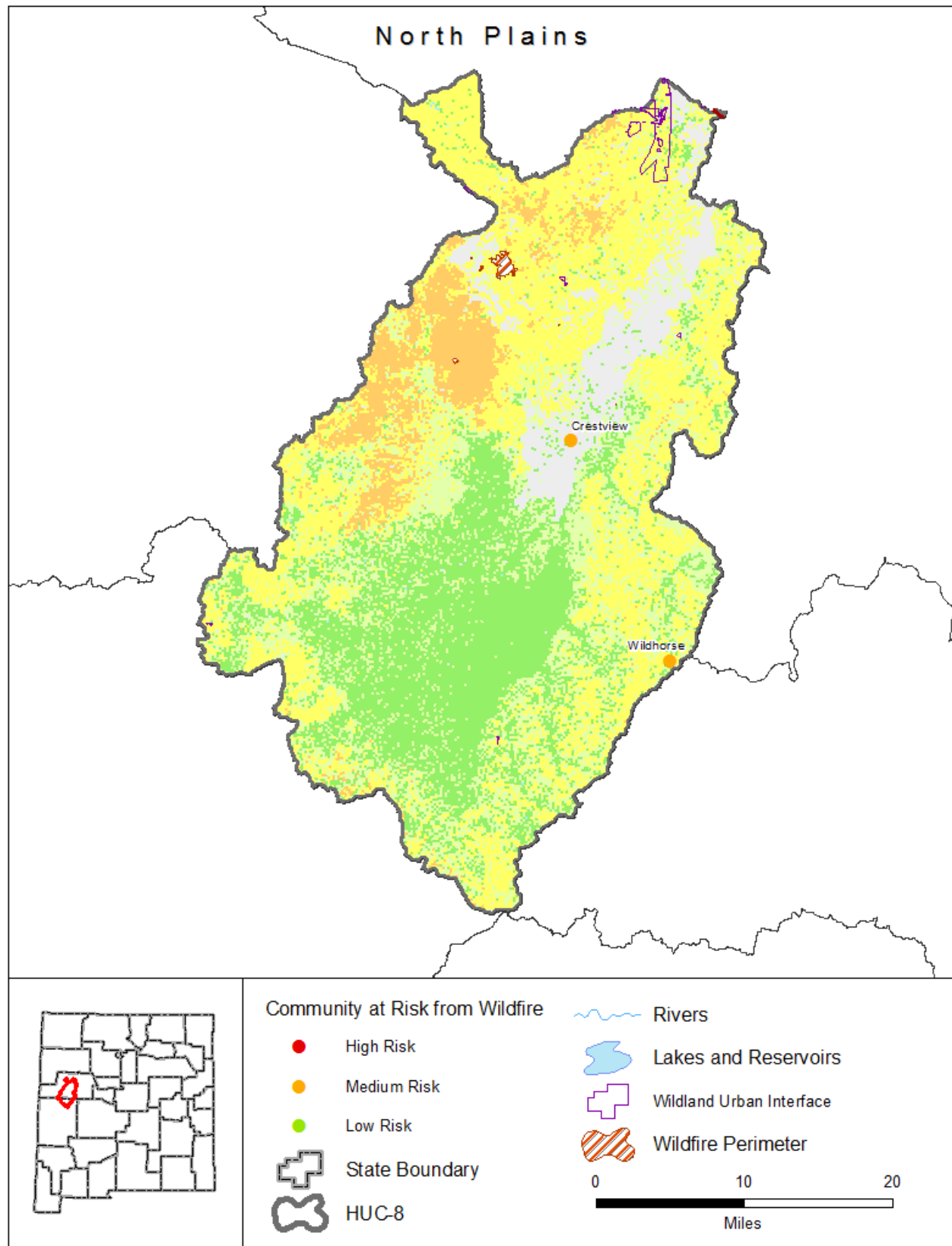
DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	5
NFIP Communities	3
NFIP Policies	1
Policies within the SFHA	0
Policies outside of the SFHA	1
NFIP Premium Total	\$ 390
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0



### North Plains



**Risk Rank: Medium**

**Description**

The North Plains watershed is at medium risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 1,070 acres have burned during 7 wildfire events over the last ten years.

**Lidar Data Availability**

A collection of federal agencies anticipates collecting USGS QL2 lidar in FY 2017 for small portion of the northwestern corner of the watershed.

**Counties**

Catron, Cibola

**Communities**

Grants

**Tribal Nations**

Navajo Nation, Acoma Pueblo

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 13020206**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	25%
Low	23%
Moderate	36%
High	8%
Very High	0%
Non-Burnable	8%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	7
Acres Burned 2006-2016	1,070

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.01%
Intermix	0.72%
Acres	
Interface	79
Intermix	5,542
WUI Addressed Structures	41

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	2
Low Risk	0

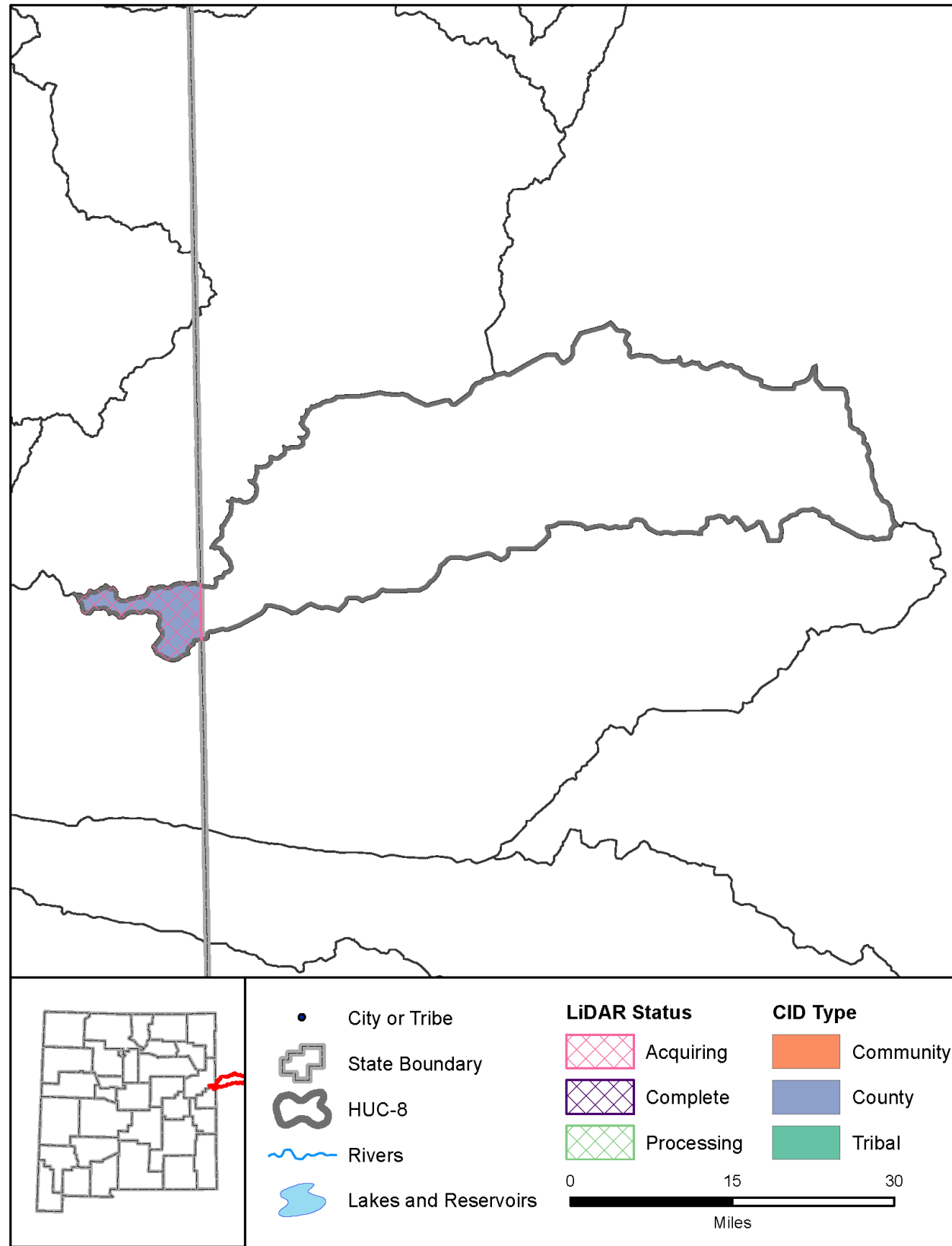
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	14
Very High Priority	1

**Vegetation Treatments 2006-2016**

Acres Treated	24,320
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## Palo Duro



### Description

The Palo Duro watershed is home to fewer than 100 people along the eastern border of New Mexico. The watershed is part of the eastern plains. The primary hydrographic features, within New Mexico, are multiple areas with intermittent ponds/lakes. FIRM data exists within the watershed. Lidar data is anticipated being collected in 2015 for regulatory and non-regulatory flood risk projects. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Texas.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for part of the western portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Curry

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

## Watershed 11120102

### Watershed Characteristics

Area (sq mi)	1,000
Population in NM	85
CNMS Streams (mi)	8
Maximum Elevation (feet)	4,731
Minimum Elevation (feet)	4,389
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

### Ownership

Percent in New Mexico	4.07 %
Private	94.43 %
State	5.55 %
Tribal	0 %
Federal	0 %
States	NM, TX

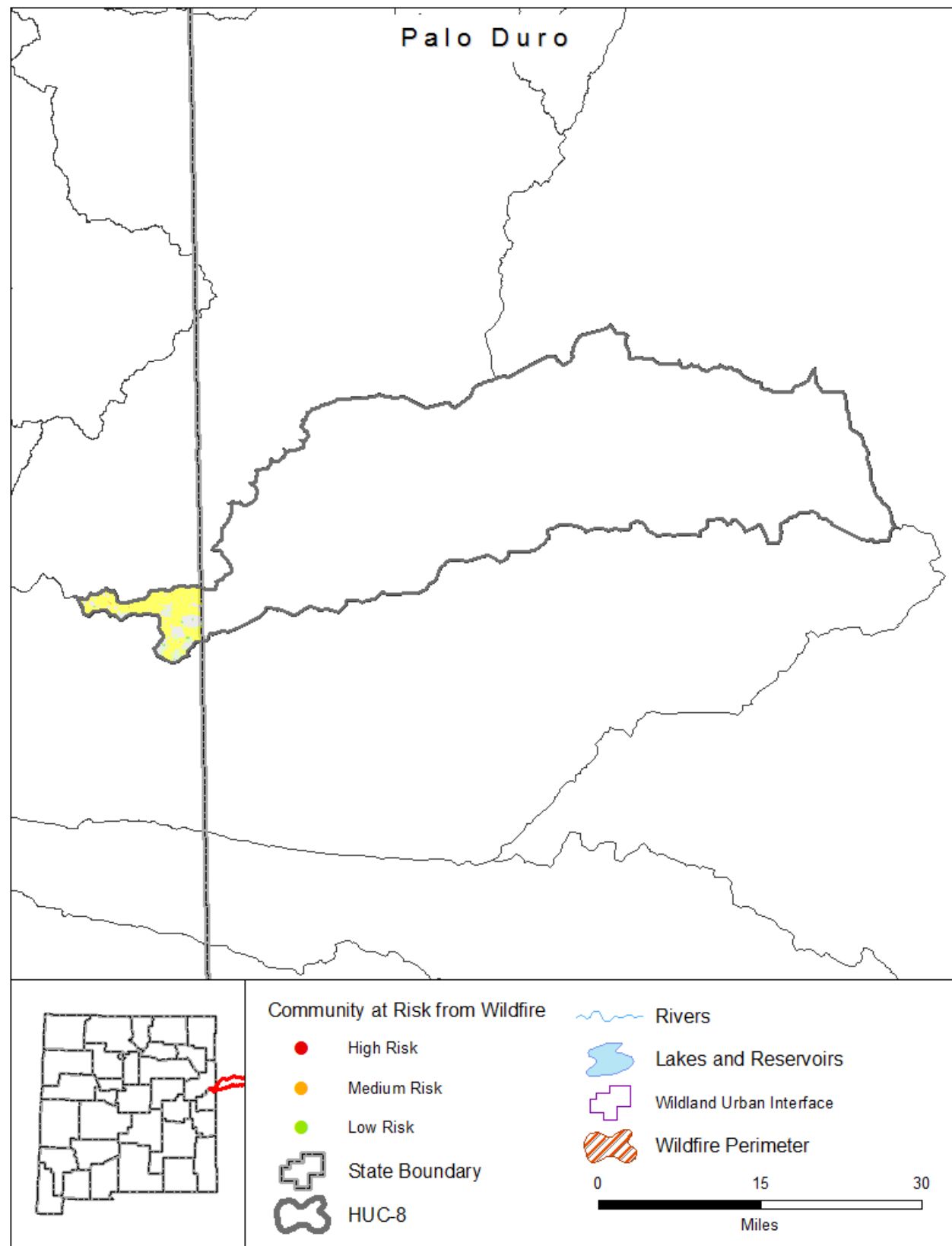
### Flood Maps

DFIRM Available	Yes
FHBM Available	No

### NFIP Statistics

CID Communities	1
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Palo Duro



**Risk Rank:** Low

### Description

The Palo Duro watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. Lidar data for the New Mexico portion of the watershed was collected in 2015.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for part of the western portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Curry

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

None.

### Watershed 11120102

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	1%
Low	6%
Moderate	71%
High	0%
Very High	0%
Non-Burnable	21%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	0
Acres Burned 2006-2016	0

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
	Acres
Interface	0
Intermix	0
WUI Addressed Structures	0

#### Communities at Risk from Wildland Fire

High Risk	0
Medium Risk	0
Low Risk	0

#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

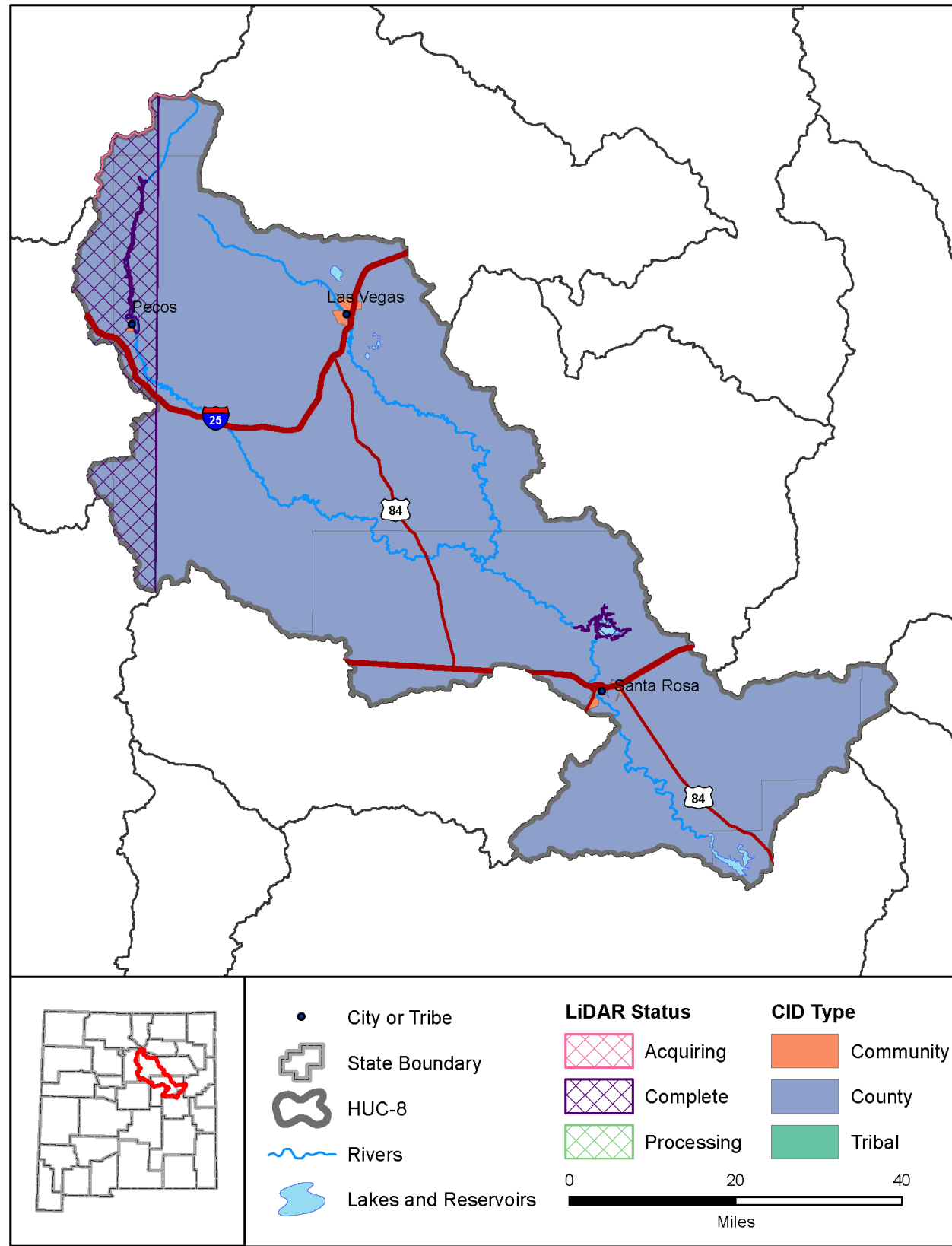
High Priority	0
Very High Priority	0

#### Vegetation Treatments 2006-2016

Acres Treated	0
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## Pecos Headwaters



### Description

The Pecos Headwaters watershed is home to approximately 30,000 people in the north-central portion of New Mexico. The watershed has significant topograph relief from the Sangre de Cristo Mountains. The Pecos River is the primary hydrologic feature with many smaller tributaries. FIRM data is extensive throughout San Miguel County but Guadalupe County has none. Lidar is available for the western part of the watershed as part of the Santa Fe County acquisition in 2014. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

USGS Quality Level 2 lidar data was collected by Santa Fe that covers a small part of the western side of the watershed. Data should be delivered by the end of 2015. The USACE collected post-wildfire QL2 lidar data for the Tres Lagunas fire in 2013. The U

### Counties

De Baca, Guadalupe, Mora, Quay, Rio Arriba, San Miguel, Santa Fe, Torrance

### Communities

Las Vegas, Pecos, Santa Rosa

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_068350.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_068350.pdf)

## Watershed 13060001

### Watershed Characteristics

Area (sq mi)	3,479
Population in NM	30,185
CNMS Streams (mi)	695
Maximum Elevation (feet)	13,099
Minimum Elevation (feet)	4,238
High Hazard Potential Dams	0
Significant Hazard Potential Dams	1
Low Hazard Potential Dams	0

### Ownership

Percent in New Mexico	100 %
Private	73.43 %
State	6.44 %
Tribal	0 %
Federal	20.13 %
States	NM

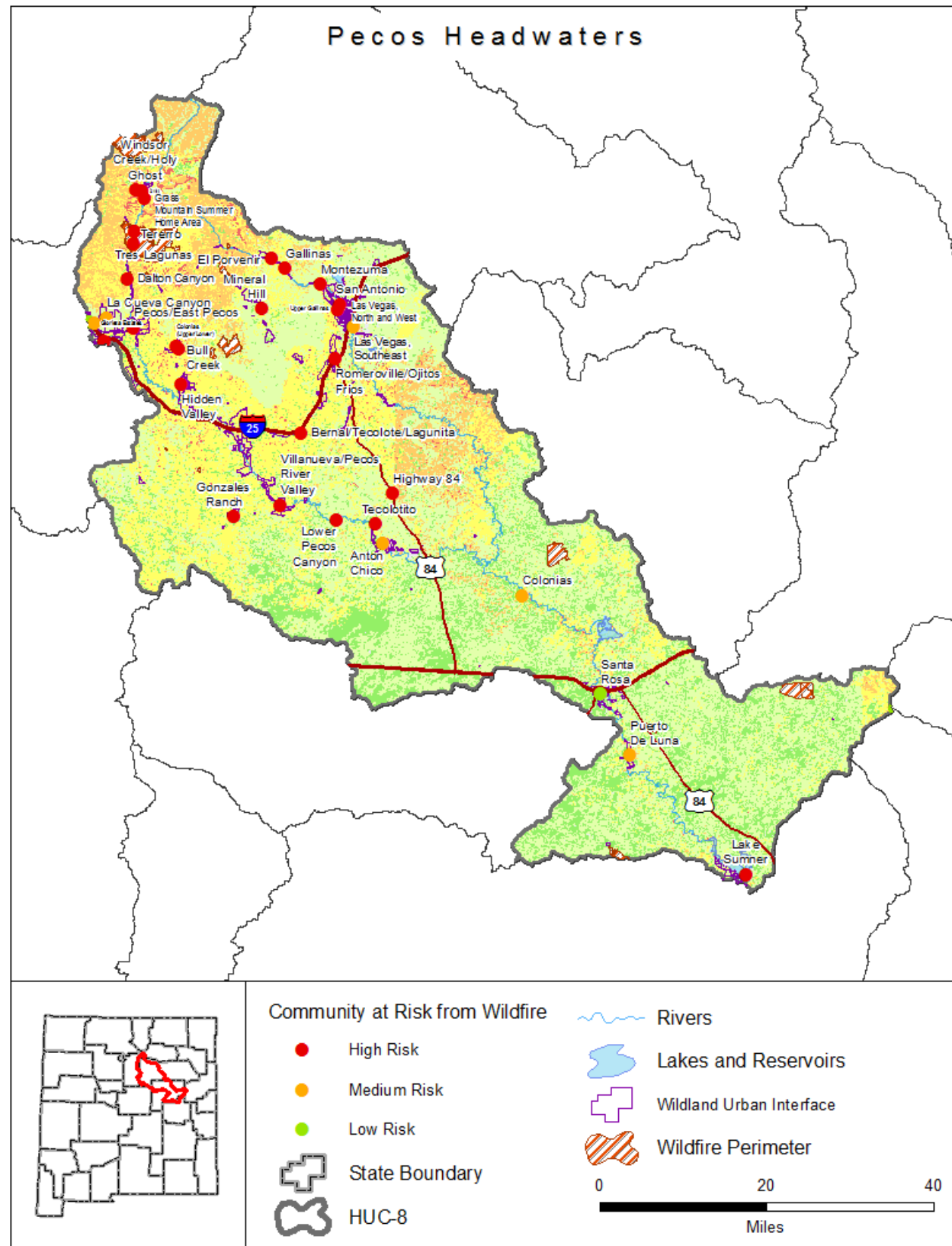
### Flood Maps

DFIRM Available	Yes
FHBM Available	Yes

### NFIP Statistics

CID Communities	11
NFIP Communities	8
NFIP Policies	146
Policies within the SFHA	79
Policies outside of the SFHA	67
NFIP Premium Total	\$ 141,719
NFIP Claims	16
Claims within the SFHA	6
Claims outside of the SFHA	10
Paid Claims	\$ 44,715
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Pecos Headwaters



Risk Rank: High

### Description

The Pecos Headwaters watershed is at high risk of wildfire. The communities of Bernal/Tecolote/Lagunita, Bull Creek, Colonias (Upper/Lower), Cowles, Dalton Canyon, El Porvenir, Gallinas, Glorieta Mesa, Gonzales Ranch, Grass Mountain Summer Home Area, Hidden Valley, Highway 84, Lake Sumner, "Las Vegas, North and West", Lower Pecos Canyon, Mineral Hill, Montezuma, Pecos/East Pecos, Romeroville/Ojitos Frios, Tecolotito, Tererro, Tres Lagunas, Upper Gallinas, Villanueva/Pecos River Valley, and Windsor Creek/Holy Ghost were identified as high risk in the local Community Wildfire Protection Plan. A total of 30,537 acres have burned during 21 wildfire events over the last ten years. A collection of federal agencies anticipates collecting USGS QL2 lidar in FY 2017.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar in FY 2017. USGS Quality Level 2 lidar data was collected by Santa Fe that covers a small part of the western side of the watershed. The USACE collected post-wildfire QL2 lidar data

### Counties

De Baca, Guadalupe, Mora, Quay, Rio Arriba, San Miguel, Santa Fe, Torrance

### Communities

Las Vegas, Pecos, Santa Rosa

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

Bernal/Tecolote/Lagunita, Bull Creek, Colonias (Upper/Lower), Cowles, Dalton Canyon, El Porvenir, Gallinas, Glorieta Mesa, Gonzales Ranch, Grass Mountain Summer Home Area, Hidden Valley, Highway 84, Lake Sumner, "Las Vegas, North and West", Lower Pecos Canyon, Mineral Hill, Montezuma, Pecos/East Pecos, Romeroville/Ojitos Frios, Tecolotito, Tererro, Tres Lagunas, Upper Gallinas, Villanueva/Pecos River Valley, Windsor Creek/Holy Ghost

### Watershed 13060001

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	17%
Low	44%
Moderate	26%
High	11%
Very High	1%
Non-Burnable	1%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	21
Acres Burned 2006-2016	30,537

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.18%
Intermix	2.03%
Acres	
Interface	3,963
Intermix	45,219
WUI Addressed Structures	717

#### Communities at Risk from Wildland Fire

High Risk	25
Medium Risk	6
Low Risk	2

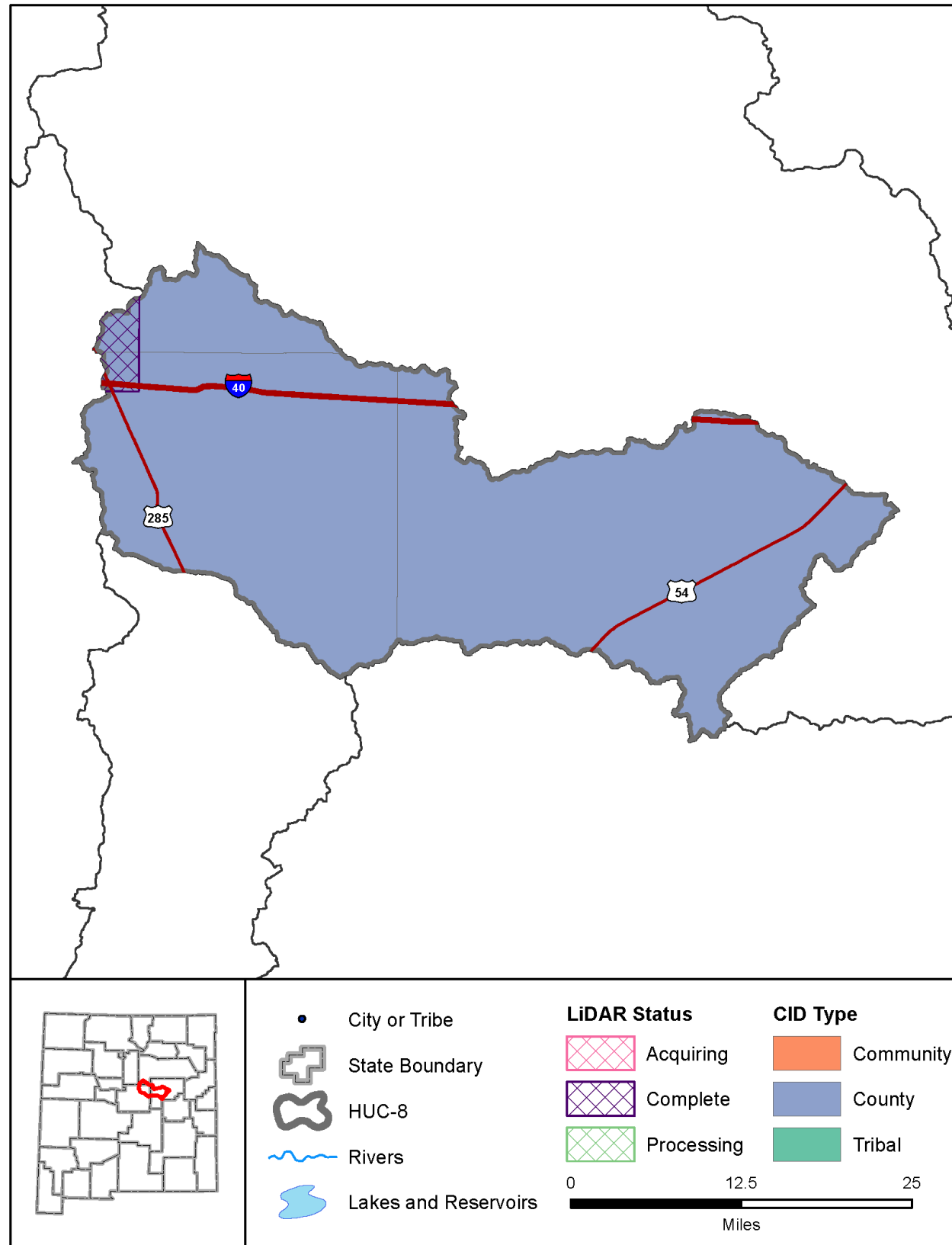
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	14
Very High Priority	13

#### Vegetation Treatments 2006-2016

Acres Treated	33,920
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## Pintada Arroyo



### Description

The Pintada Arroyo watershed is home to approximately 1,000 people in the north-central portion of New Mexico. The Pintada Arroyo is the primary hydrologic feature with many smaller tributaries. FIRM data is very limited throughout the watershed. FHBM data is extensive in Torrance County. There is lidar available for the northwest part of the watershed as part of the Santa Fe County acquisition in 2014. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

USGS Quality Level 2 lidar data was collected by Santa Fe that covers a small part of the north-western side of the watershed. Data should be delivered by the end of 2015.

### Counties

Guadalupe, San Miguel, Torrance

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066025.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066025.pdf)

### Watershed 13060002

#### Watershed Characteristics

Area (sq mi)	1,029
Population in NM	917
CNMS Streams (mi)	88
Maximum Elevation (feet)	7,576
Minimum Elevation (feet)	4,486
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	100 %
Private	79.31 %
State	18.93 %
Tribal	0 %
Federal	1.76 %
States	NM

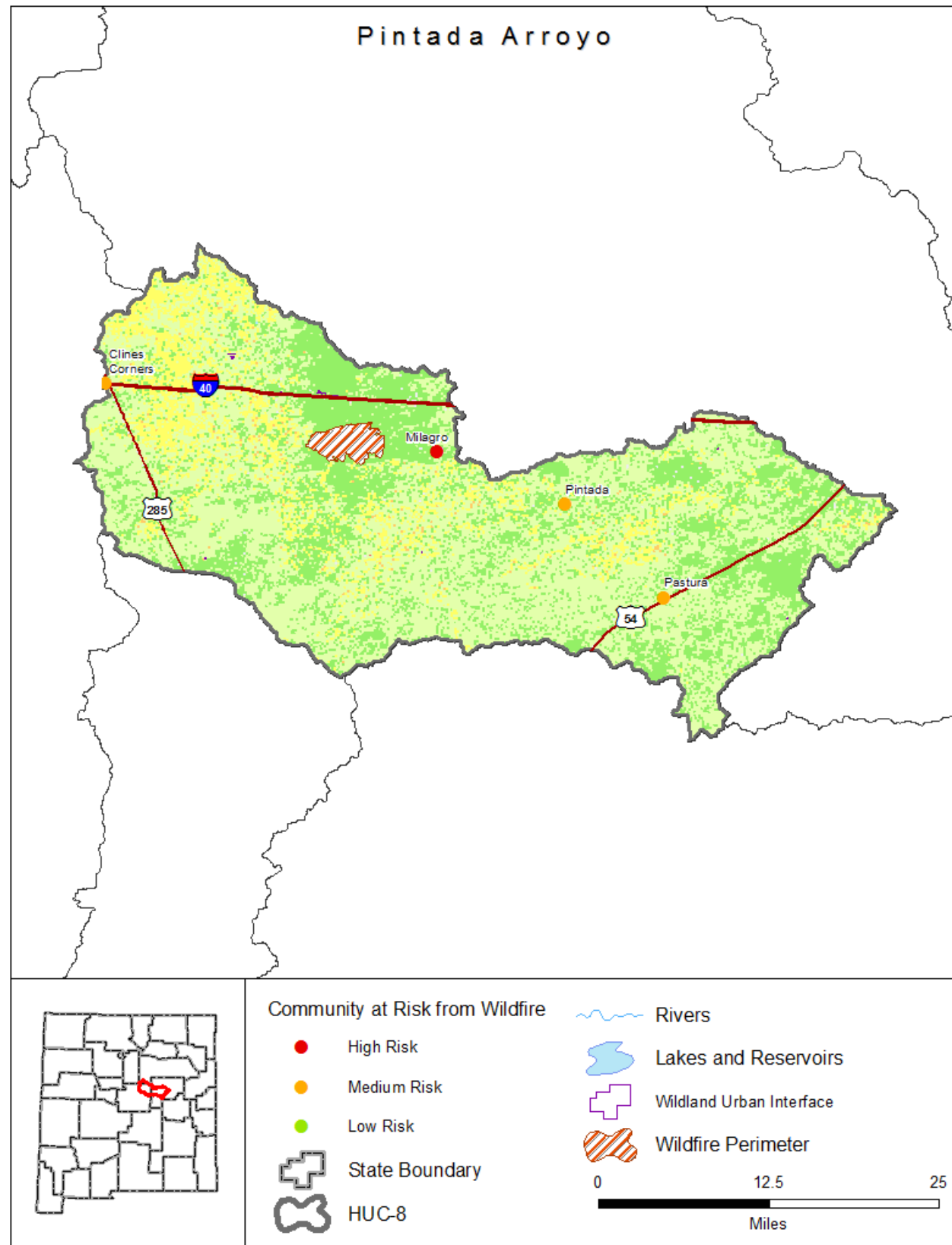
#### Flood Maps

DFIRM Available	Yes
FHBM Available	Yes

#### NFIP Statistics

CID Communities	3
NFIP Communities	2
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Pintada Arroyo



**Risk Rank:** Low

**Description**

The Pintada Arroyo watershed is at low risk of wildfire and the community of Milagro was identified as high risk in the local Community Wildfire Protection Plan. A total of 7,346 acres have burned during 1 wildfire event over the last ten years.

**Lidar Data Availability**

USGS Quality Level 2 lidar data was collected by Santa Fe that covers a small part of the north-western side of the watershed.

**Counties**

Guadalupe, San Miguel, Torrance

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Milagro

**Watershed 13060002**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	34%
Low	53%
Moderate	12%
High	1%
Very High	0%
Non-Burnable	0%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	1
Acres Burned 2006-2016	7,346

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0.03%
Acres	
Interface	2
Intermix	194
WUI Addressed Structures	18

**Communities at Risk from Wildland Fire**

High Risk	1
Medium Risk	3
Low Risk	0

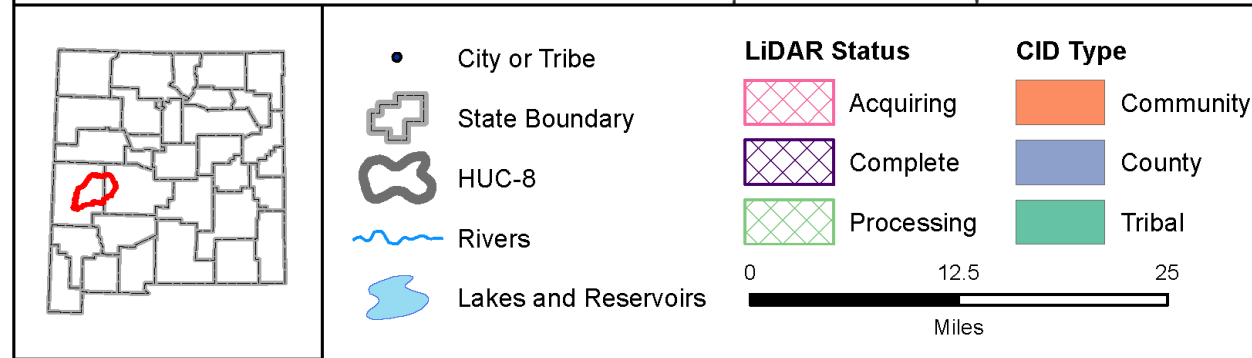
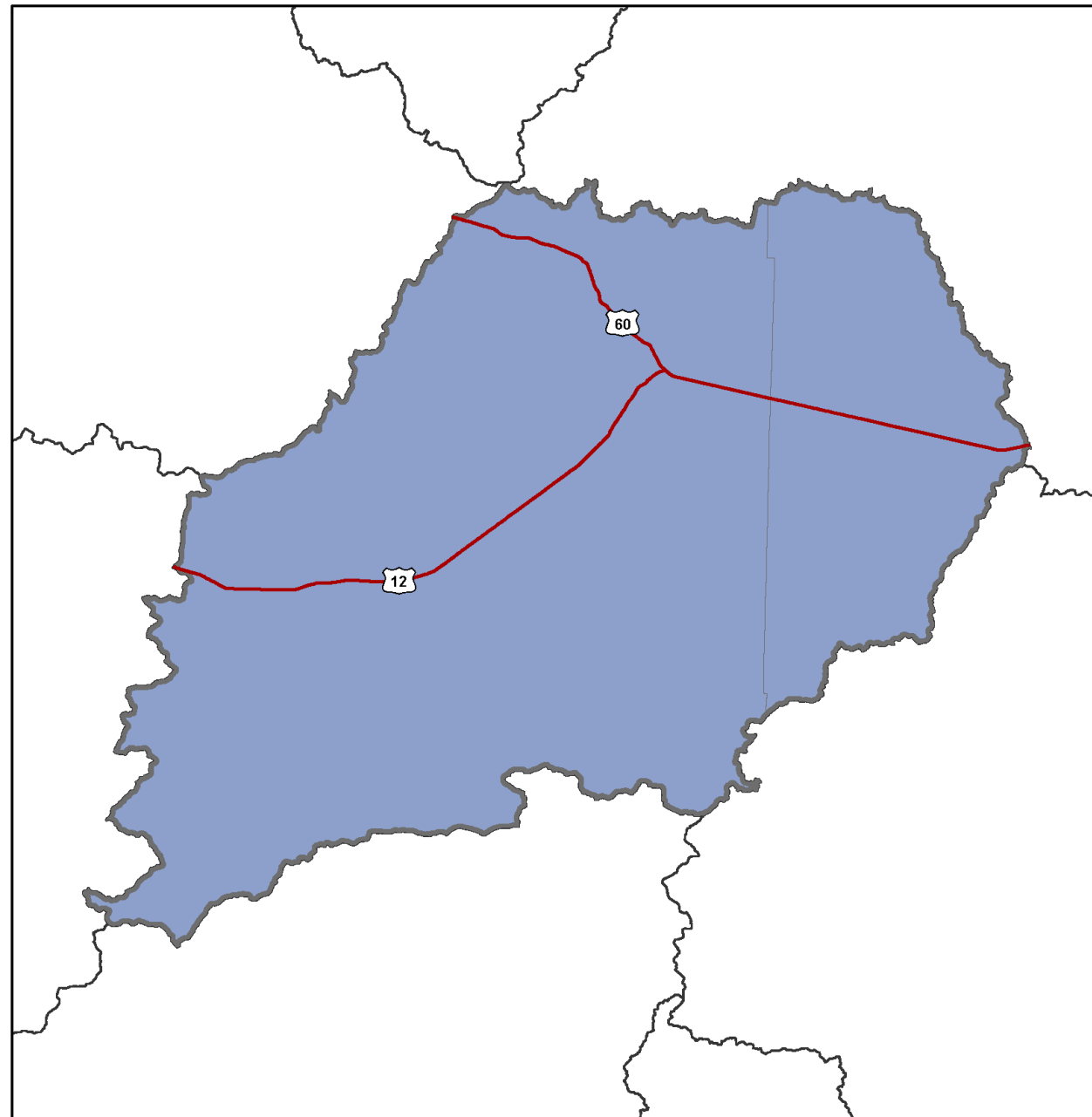
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	1
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Plains of San Agustin



### Description

The Plains of San Agustin watershed is home to approximately 1,000 people in western New Mexico. The watershed is surrounded by small mountain chains. The watershed contains a number of intermittent streams. Preliminary FIRM data is limited to Socorro County. There is no lidar data available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Catron, Socorro

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 13020208

#### Watershed Characteristics

Area (sq mi)	1,993
Population in NM	1,076
CNMS Streams (mi)	0
Maximum Elevation (feet)	10,258
Minimum Elevation (feet)	6,780
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	100 %
Private	41.49 %
State	25.3 %
Tribal	0.01 %
Federal	33.2 %
States	NM

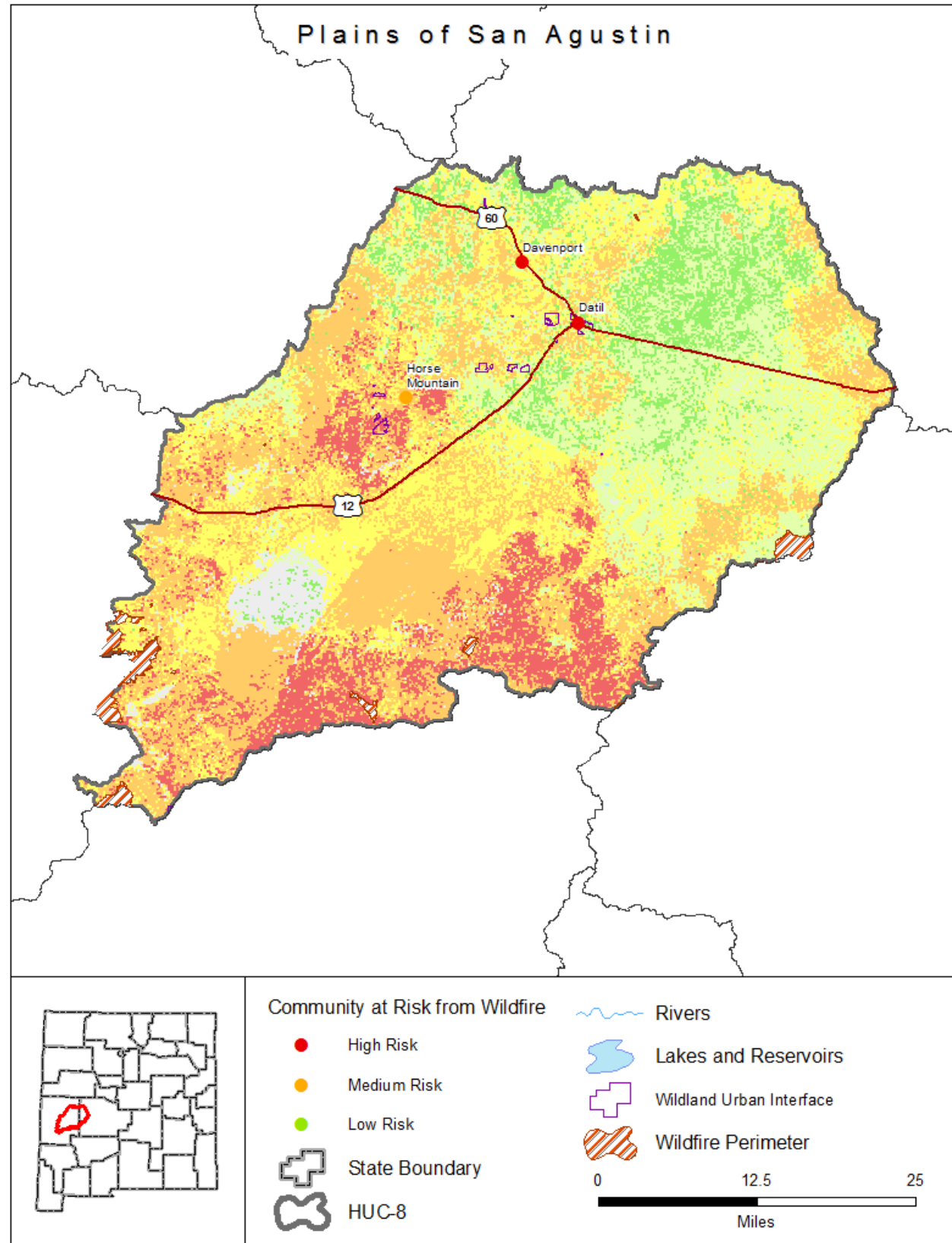
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	2
NFIP Communities	2
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Plains of San Agustin



**Risk Rank:** Medium

**Description**

The Plains of San Agustin watershed is at medium risk of wildfire. The communities of Datil and Davenport were identified as high risk in the local Community Wildfire Protection Plan. A total of 14,964 acres have burned during 23 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Catron, Socorro

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Datil, Davenport

### Watershed 13020208

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	8%
Low	21%
Moderate	26%
High	33%
Very High	10%
Non-Burnable	3%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	23
Acres Burned 2006-2016	14,964

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0.22%
Acres	
Interface	0
Intermix	2,758
WUI Addressed Structures	37

**Communities at Risk from Wildland Fire**

High Risk	2
Medium Risk	1
Low Risk	0

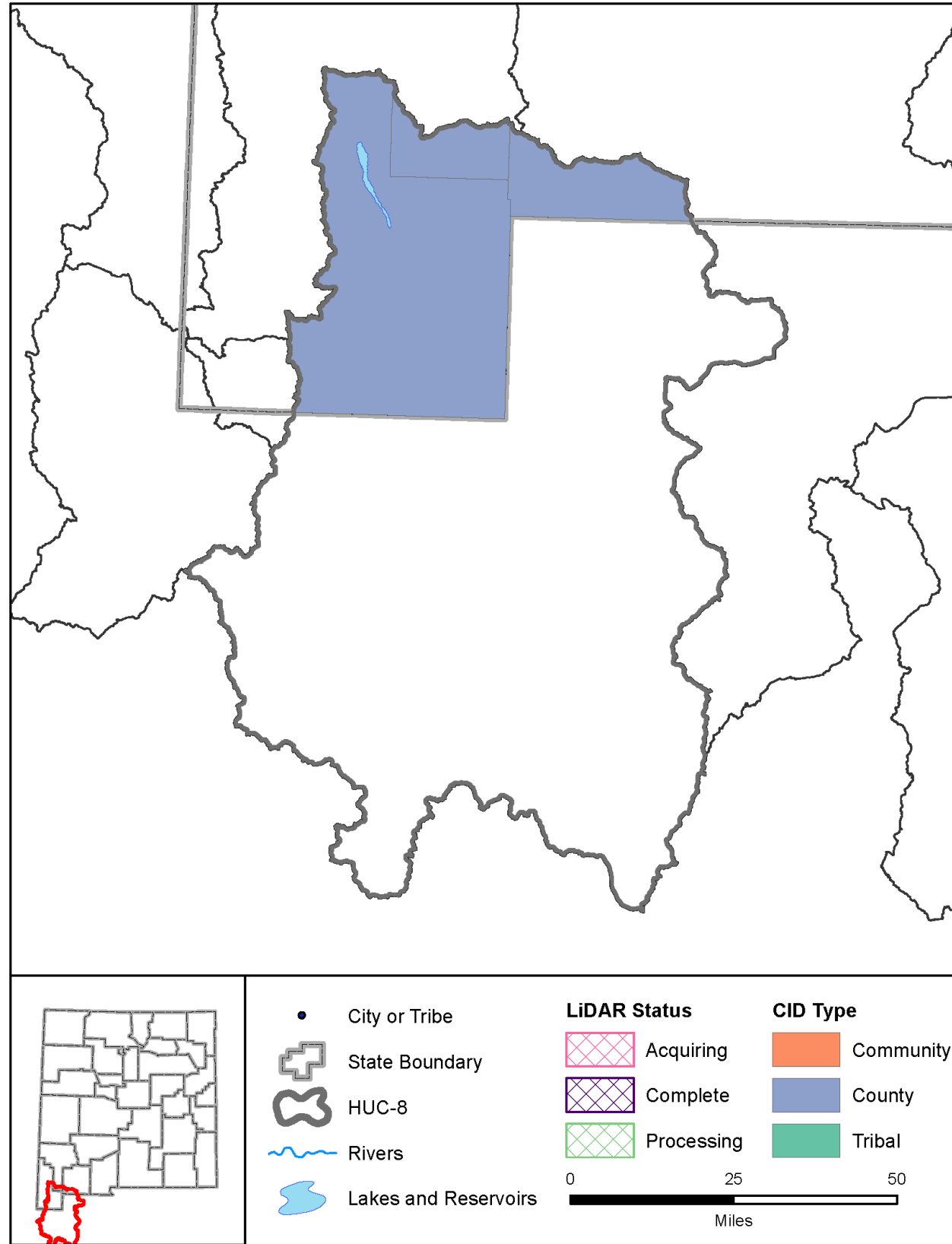
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	19
Very High Priority	3

**Vegetation Treatments 2006-2016**

Acres Treated	25,600
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## Playas Lake



### Description

The Playas Lake watershed is home to approximately 1,500 people along the southern border of New Mexico. There are numerous small mountain chains falling into the Playas Valley. There are numerous intermittent streams within the watershed. There is limited FIRM data in Grant and Luna Counties. There is no lidar data available for the watershed. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Grant, Hidalgo, Luna

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066024.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066024.pdf)

### Watershed 13030201

#### Watershed Characteristics

Area (sq mi)	7,072
Population in NM	1,339
CNMS Streams (mi)	92
Maximum Elevation (feet)	8,370
Minimum Elevation (feet)	4,140
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	23.83 %
Private	40.35 %
State	13.71 %
Tribal	0 %
Federal	45.92 %
States	NM, MX

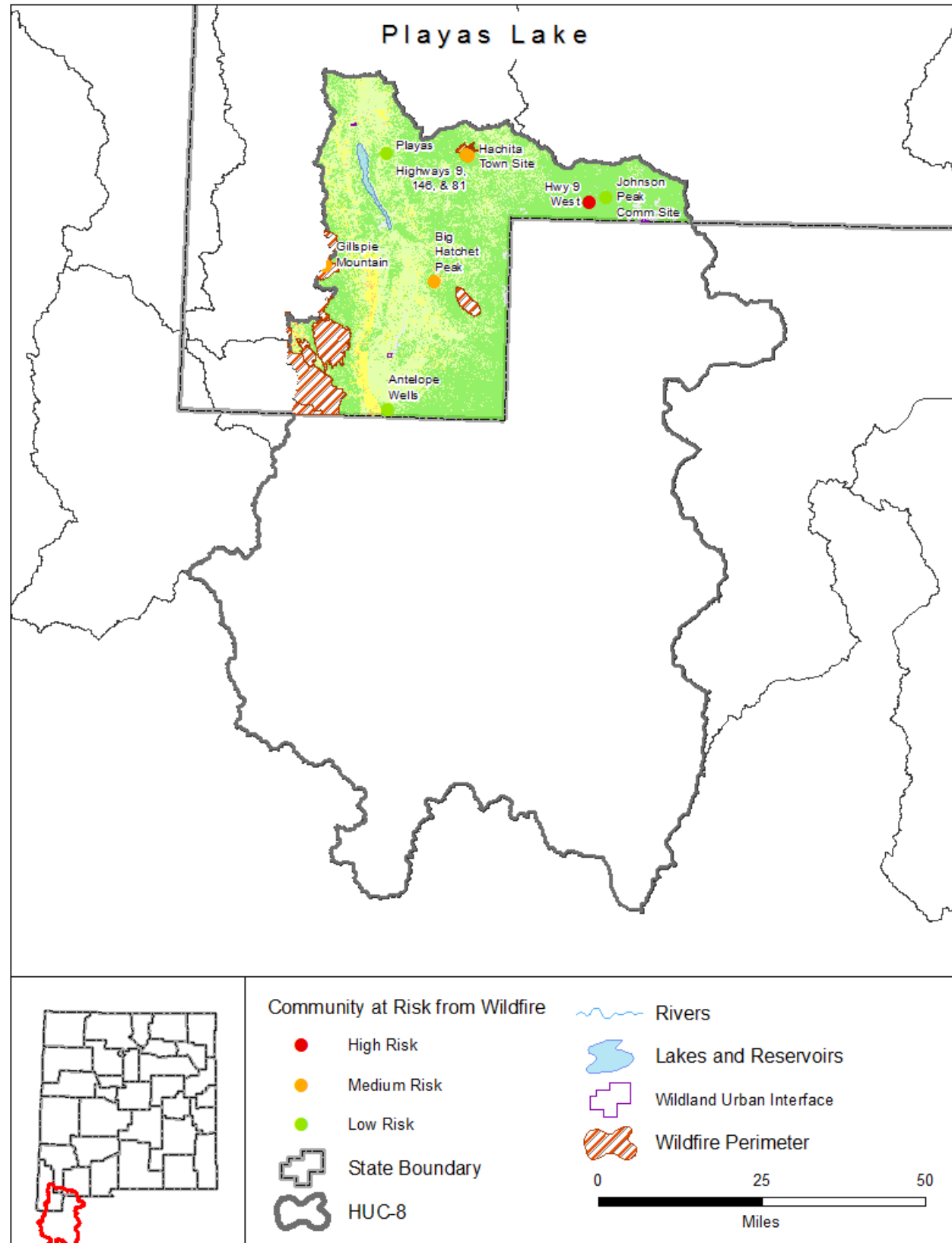
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	3
NFIP Communities	3
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Playas Lake



**Risk Rank:** Low

**Description**

The Playas Lake watershed is at low risk of wildfire. The area along Hwy 9 west was identified as high risk in the local Community Wildfire Protection Plan. A total of 72,979 acres have burned during 14 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Grant, Hidalgo, Luna

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Hwy 9 West

**Watershed 13030201**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	60%
Low	32%
Moderate	6%
High	1%
Very High	0%
Non-Burnable	2%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	14
Acres Burned 2006-2016	72,979

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.01%
Intermix	0.05%
Acres	
Interface	155
Intermix	567
WUI Addressed Structures	24

**Communities at Risk from Wildland Fire**

High Risk	1
Medium Risk	4
Low Risk	3

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

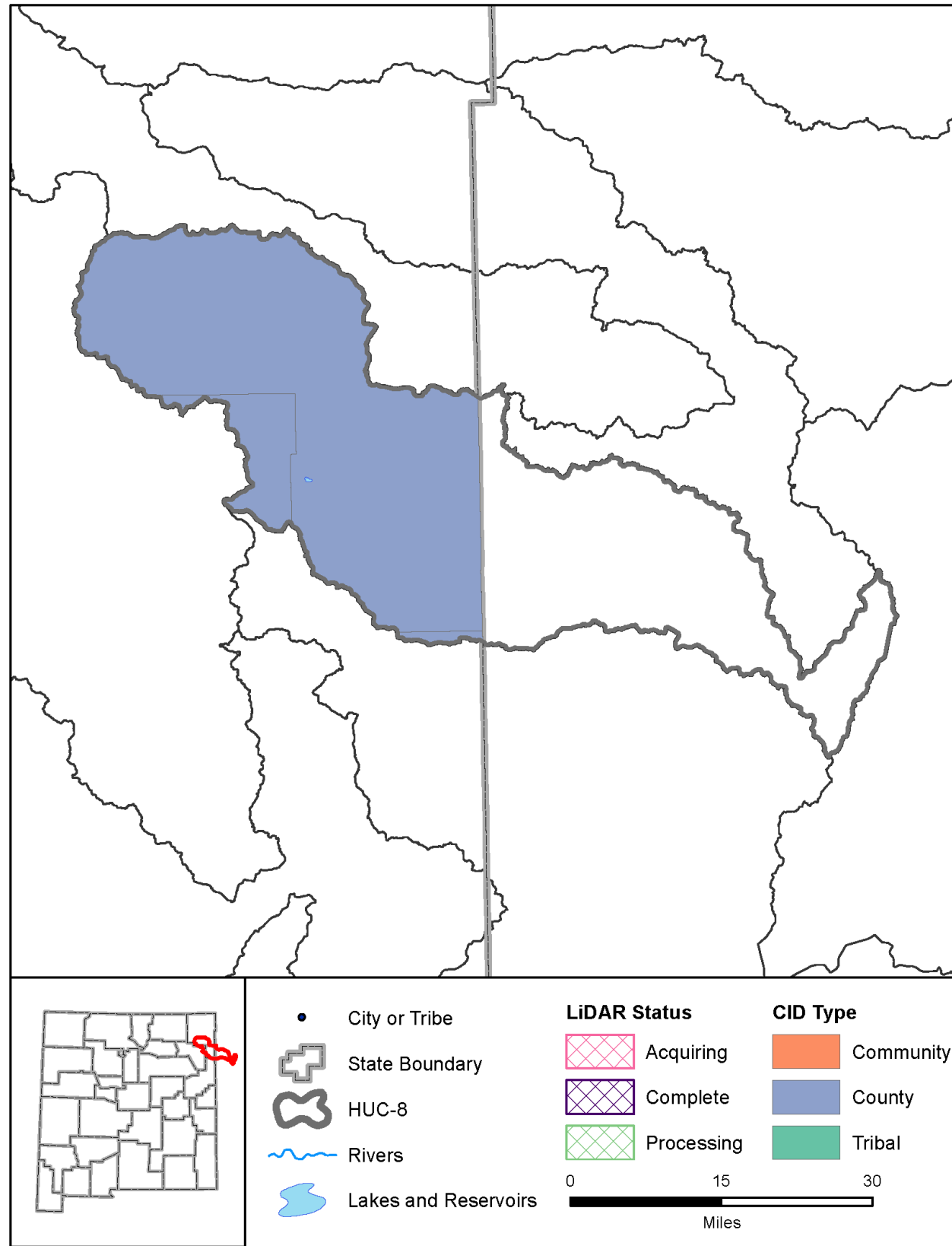
High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	40,960
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## Punta de Agua



### Description

The Punta de Agua watershed is home to fewer than 600 people along the northeastern border of New Mexico. The watershed contains several mesas and arroyos. The primary hydrographic features are Tramperos Creek, Pinabetes Creek, and Carrizo Creek. There is no FHBM or FIRM data for the watershed. No lidar data is available. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Texas.

### Lidar Data Availability

No significant lidar available.

### Counties

Harding, Quay, Union

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11090102

#### Watershed Characteristics

Area (sq mi)	1,500
Population in NM	559
CNMS Streams (mi)	0
Maximum Elevation (feet)	5,911
Minimum Elevation (feet)	4,205
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	8

#### Ownership

Percent in New Mexico	61.09 %
Private	84.6 %
State	15.39 %
Tribal	0 %
Federal	0 %
States	NM, TX

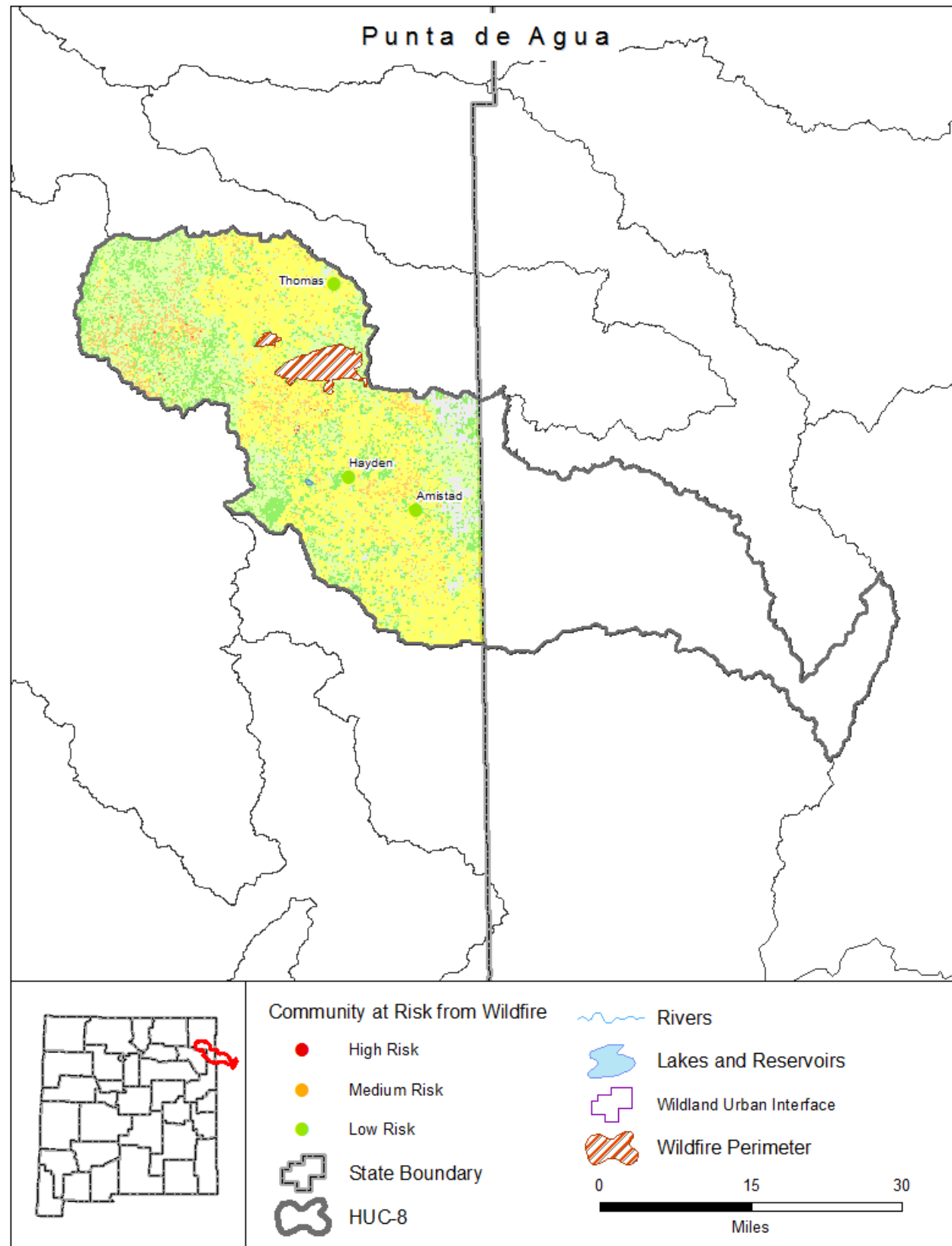
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	3
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Punta de Agua



**Risk Rank:** Low

**Description**

The Punta de Agua watershed at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 17,079 acres have burned during 5 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Harding, Quay, Union

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 11090102**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	18%
Low	33%
Moderate	41%
High	5%
Very High	0%
Non-Burnable	3%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	5
Acres Burned 2006-2016	17,079

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
	Acres
Interface	0
Intermix	17
WUI Addressed Structures	1

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	3

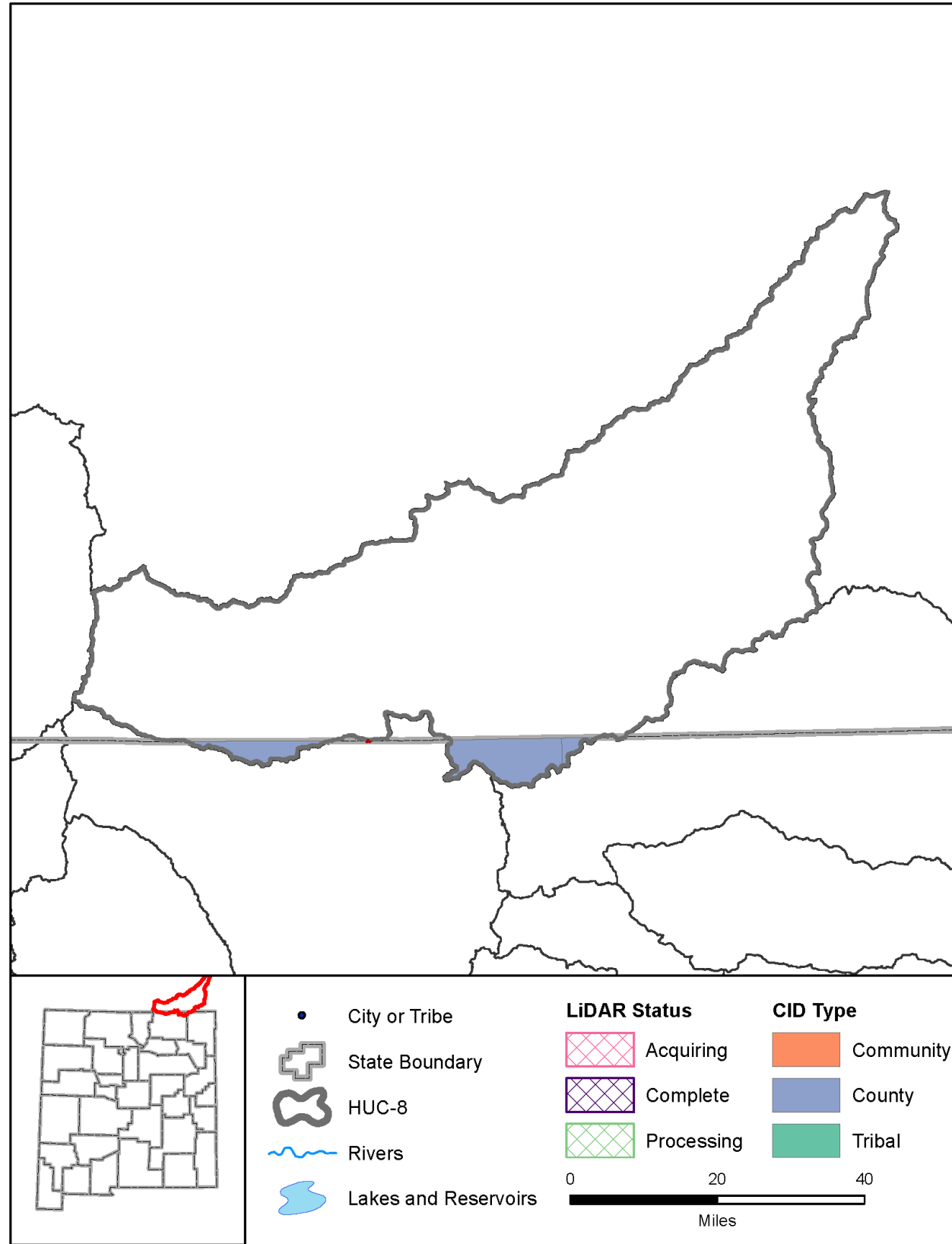
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Purgatoire



### Description

The Purgatoire watershed is home to approximately 1,400 people in northeastern New Mexico. Topographically, the watershed contains the Lorencito Canyon, Raton Mesa, and Barela Mesa. The primary hydrologic feature within New Mexico is San Isidro Creek. The watershed has no FIRM or FHBM data. There is no lidar data available. Local officials should be contacted to determine their need for flood risk products, but because so little of this watershed is in New Mexico, a joint project with Colorado should be conducted.

### Lidar Data Availability

No significant lidar available.

### Counties

Colfax, Union

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11020010

#### Watershed Characteristics

Area (sq mi)	3,447
Population in NM	1,372
CNMS Streams (mi)	0
Maximum Elevation (feet)	9,245
Minimum Elevation (feet)	6,021
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	3.71 %
Private	91.69 %
State	8.16 %
Tribal	0 %
Federal	0 %
States	CO, NM

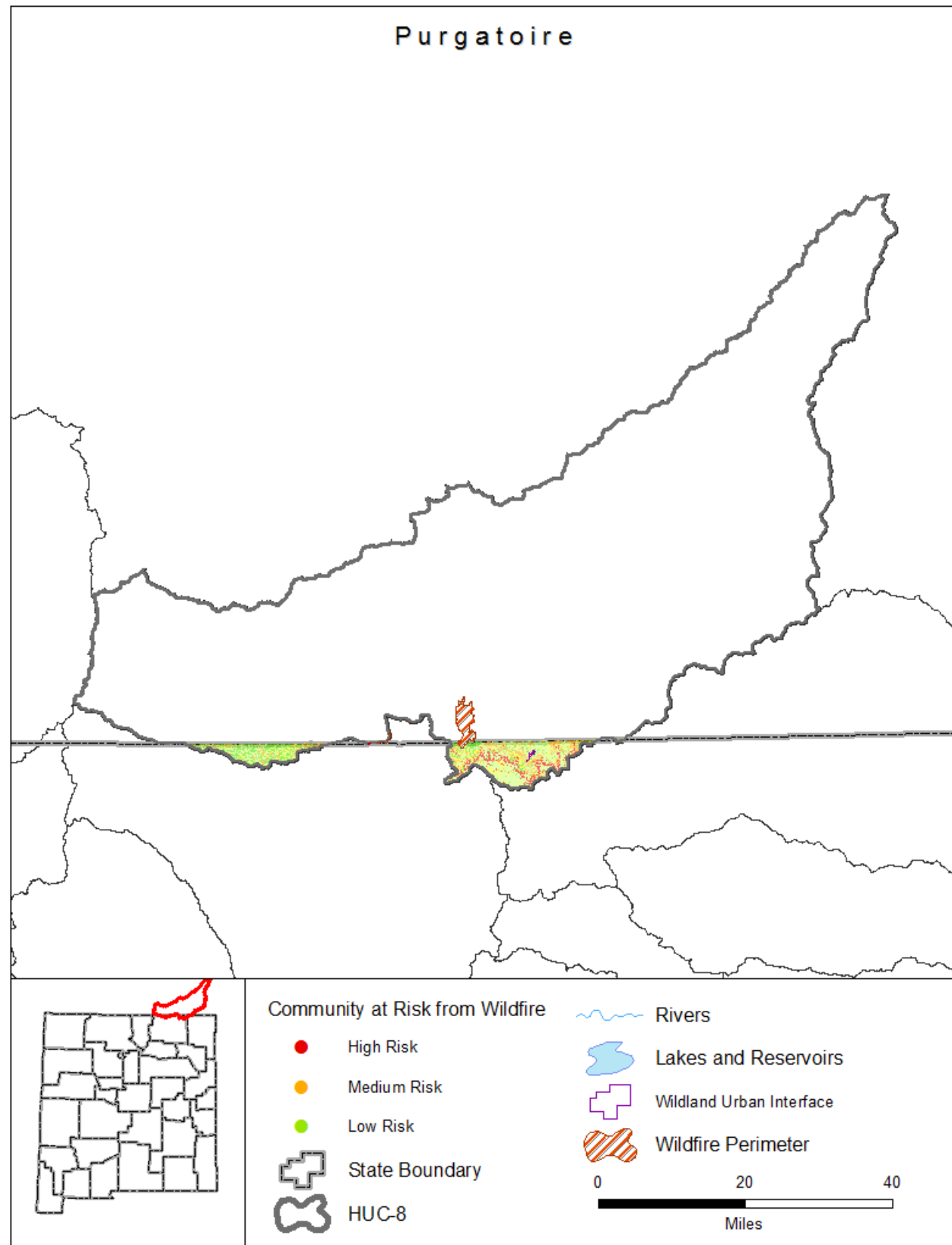
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	2
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Purgatoire



**Risk Rank: Medium**

**Description**

The Purgatoire watershed is at medium risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A portion of the watershed has been modeled by the United States Geological Survey for Potential postwildfire debris-flow hazards following the 2011 Track fire.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Colfax, Union

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

Tillery, A.C., Darr, M.J., Cannon, S.H., and Michael, J.A., 2011, Postwildfire debris flows hazard assessment for the area burned by the 2011 Track Fire, northeastern New Mexico and southeastern Colorado: U.S. Geological Survey Open-File Report 2011-1257, 9 p.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 11020010**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	17%
Low	44%
Moderate	11%
High	18%
Very High	9%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	2
Acres Burned 2006-2016	344

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	25%
Acres	
Interface	0
Intermix	208
WUI Addressed Structures	3

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

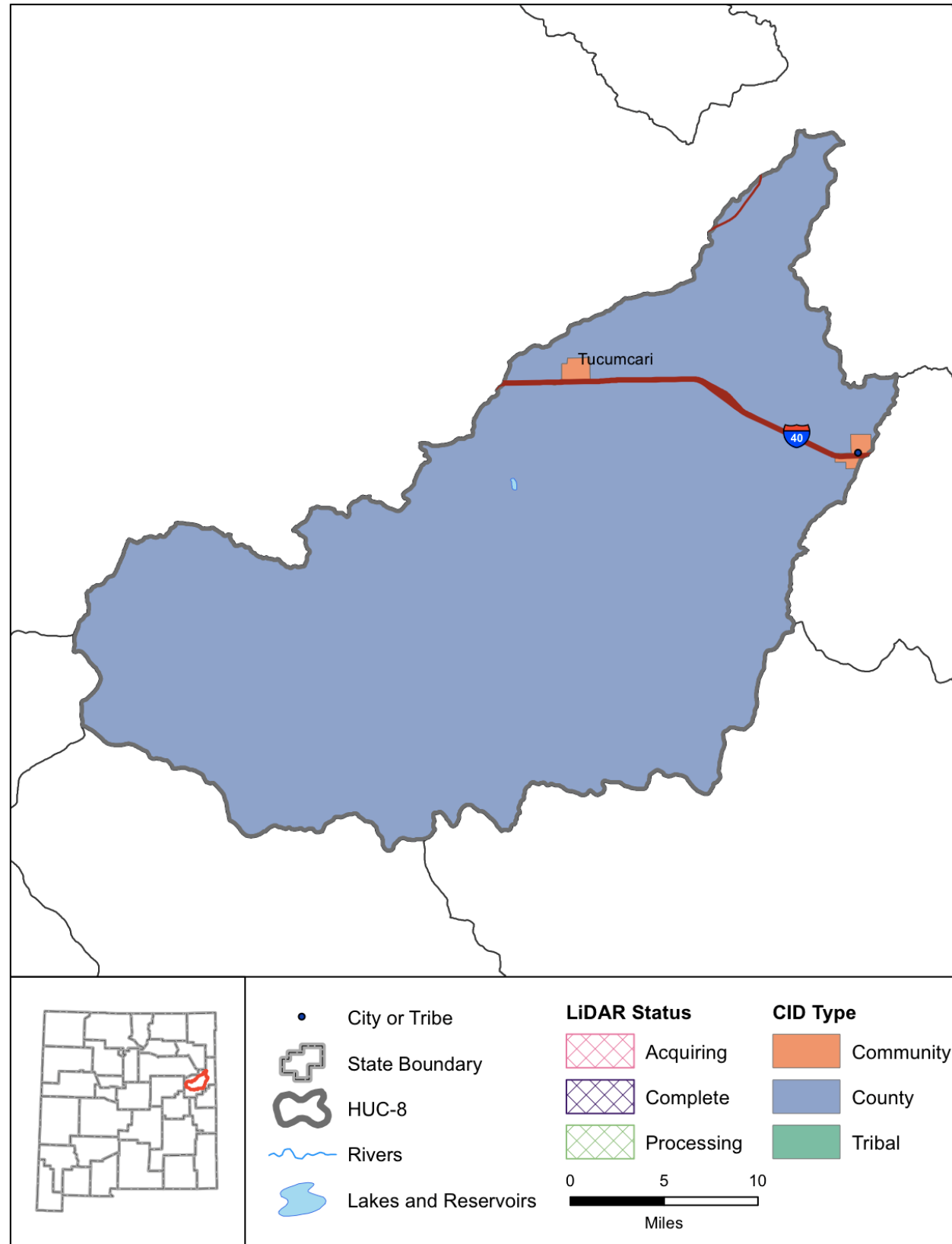
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	2
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Revuelto



### Description

The Revuelto watershed is home to approximately 1,000 people in eastern New Mexico. The watershed contains the West Flat and Ogle Flat in the western area, and the Mesa Redonda in the central area. The primary hydrographic feature is Revuelto Creek. There is no FHBM or FIRM data for the watershed. There is no lidar data available for the watershed. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Quay

### Communities

San Jon, Tucumcari

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11080008

#### Watershed Characteristics

Area (sq mi)	806
Population in NM	973
CNMS Streams (mi)	0
Maximum Elevation (feet)	5,522
Minimum Elevation (feet)	3,650
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	100 %
Private	89.63 %
State	10.08 %
Tribal	0 %
Federal	0.3 %
States	NM

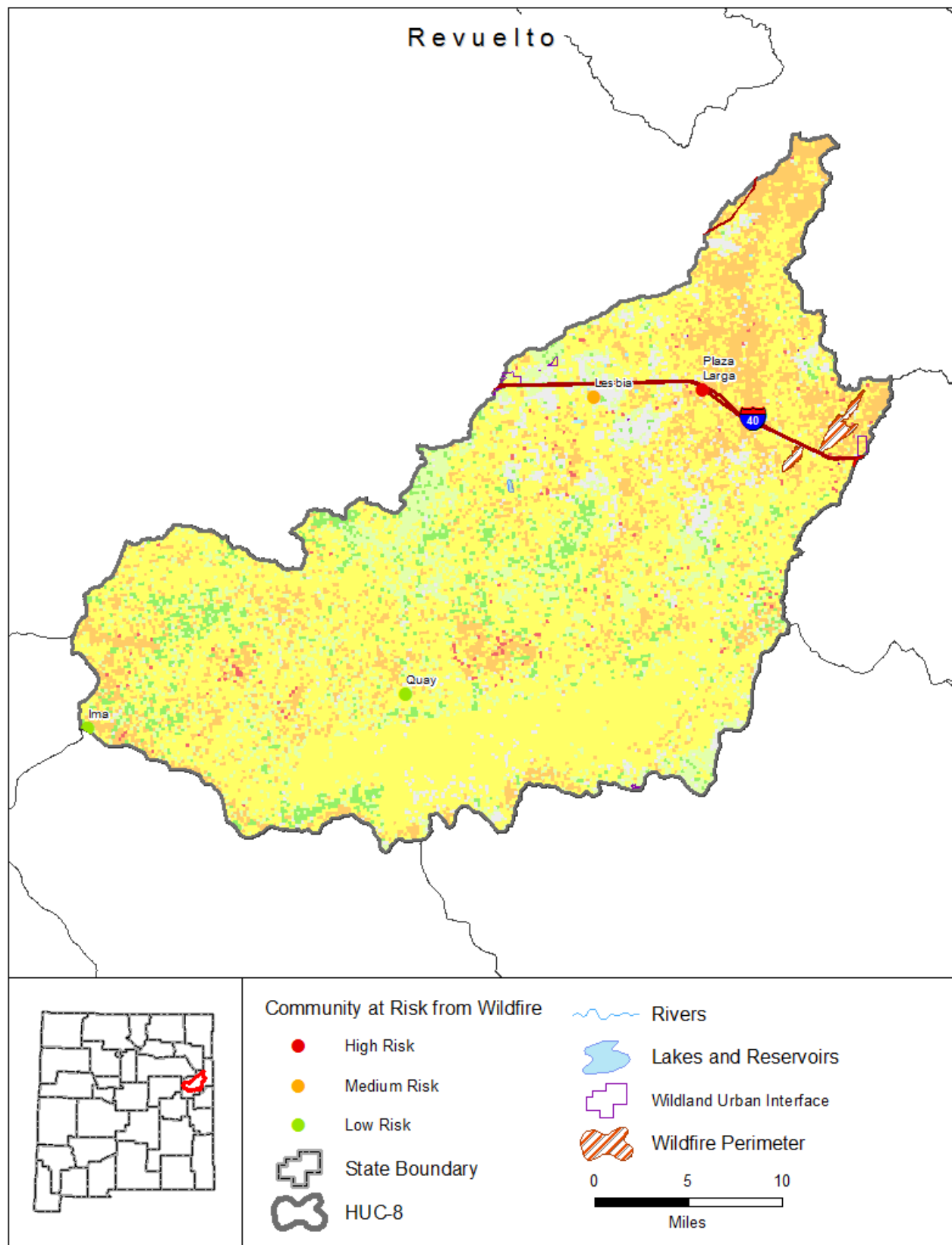
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	3
NFIP Communities	3
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Revuelto



**Risk Rank: Medium**

**Description**

The Revuelto watershed is at medium risk of wildfire. The community of Plaza Larga was identified as high risk in the local Community Wildfire Protection Plan. A total of 1,826 acres have burned during 2 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Quay

**Communities**

San Jon, Tucumcari

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Plaza Larga

**Watershed 11080008**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	5%
Low	13%
Moderate	60%
High	16%
Very High	1%
Non-Burnable	5%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	2
Acres Burned 2006-2016	1,826

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0.15%
Acres	
Interface	17
Intermix	781
WUI Addressed Structures	12

**Communities at Risk from Wildland Fire**

High Risk	1
Medium Risk	1
Low Risk	2

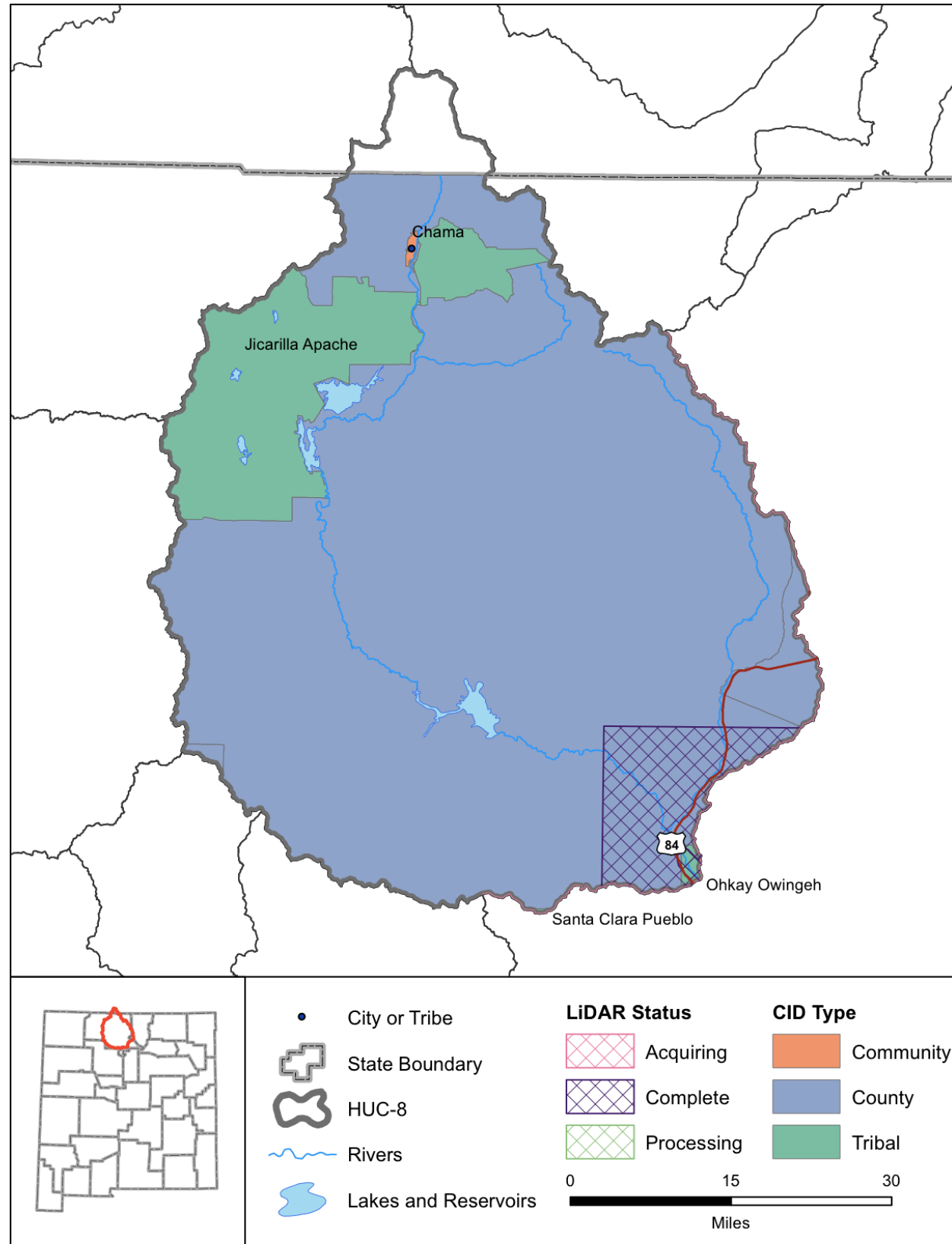
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Rio Chama



### Description

The Rio Chama watershed is home to approximately 11,500 people in north-central New Mexico. The watershed has significant topographic relief from the San Juan and San Pedro Mountains. The Rio Chama River is the major hydrologic feature along with three large reservoirs. FIRM data is widely available throughout the watershed except for tribal land. Lidar data is currently available for the southeastern corner of the watershed with plans in the works to acquire the remainder of the watershed in 2016. This data can be used for future non-regulatory and regulatory flood risk projects.

### Lidar Data Availability

USGS Quality Level 2 lidar data was collected by Santa Fe that covers the southeastern corner of the watershed.

### Counties

Rio Arriba, Sandoval, Taos

### Communities

Chama

### Tribal Nations

Jicarilla Apache Nation Reservation, Ohkay Owingeh, Santa Clara Pueblo

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_068016.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_068016.pdf)

### Watershed 13020102

#### Watershed Characteristics

Area (sq mi)	3,157
Population in NM	11,451
CNMS Streams (mi)	695
Maximum Elevation (feet)	11,562
Minimum Elevation (feet)	5,618
High Hazard Potential Dams	7
Significant Hazard Potential Dams	2
Low Hazard Potential Dams	3

#### Ownership

Percent in New Mexico	97.4 %
Private	27.69 %
State	1.44 %
Tribal	12.59 %
Federal	58.28 %
States	NM, CO

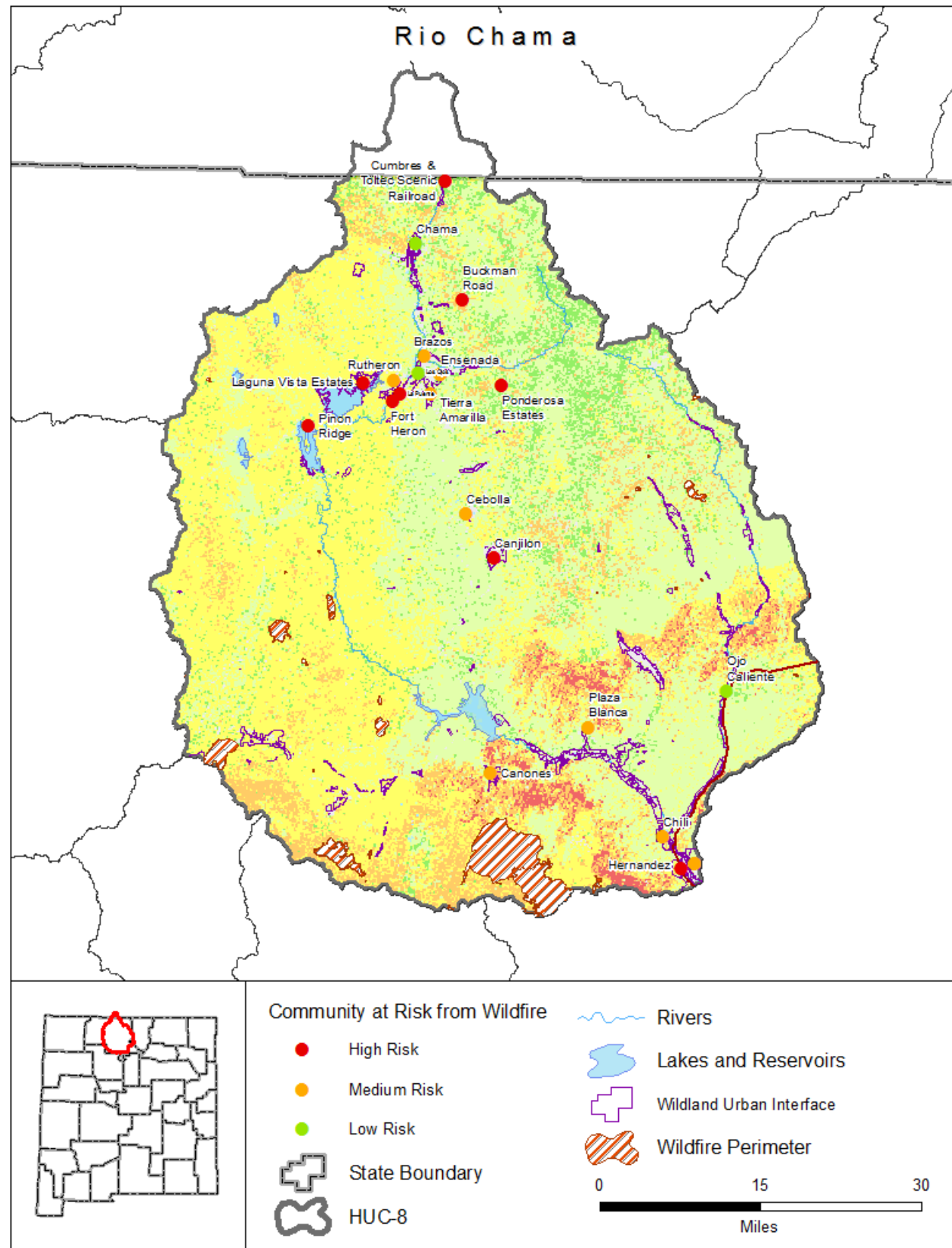
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	7
NFIP Communities	4
NFIP Policies	50
Policies within the SFHA	12
Policies outside of the SFHA	38
NFIP Premium Total	\$ 42,084
NFIP Claims	7
Claims within the SFHA	3
Claims outside of the SFHA	4
Paid Claims	\$ 160,155
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Rio Chama



**Risk Rank: High**

### Description

The Rio Chama watershed is at high risk of wildfire. The communities of Buckman Road, Canjilon, Cumbres & Toltec Scenic Railroad, Fort Heron, Hernandez, La Puente, Laguna Vista Estates, Pinon Ridge, and Ponderosa Estates were identified as high risk in the local Community Wildfire Protection Plan. A total of 39,451 acres have burned during 37 wildfire events over the last ten years. A collection of federal agencies anticipates collecting lidar in FY 2017. A portion of the watershed has been modeled by the United States Geological Survey for Potential postwildfire debris-flow hazards.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar in FY 2017. USGS Quality Level 2 lidar data was collected by Santa Fe that covers the southeastern corner of the watershed.

### Counties

Rio Arriba, Sandoval, Taos

### Communities

Chama

### Tribal Nations

Jicarilla Apache Nation Reservation, Ohkay Owingeh, Santa Clara Pueblo

### Debris Flow Modeling

Tillery, A.C., and Haas, J.R., 2016, Potential postwildfire debris-flow hazards—A prewildfire evaluation for the Jemez Mountains, north-central New Mexico: U.S. Geological Survey Scientific-Investigations Report 2016-5101, 27 p., <http://dx.doi.org/10.3133/sir20165101>.

### Communities at High Risk of Wildland Fire

Buckman Road, Canjilon, Cumbres & Toltec Scenic Railroad, Fort Heron, Hernandez, La Puente, Laguna Vista Estates, Pinon Ridge, Ponderosa Estates

### Watershed 13020102

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	7%
Low	39%
Moderate	39%
High	10%
Very High	2%
Non-Burnable	2%
Water	1%

#### Watershed Characteristics

Wildfires 2006-2016	37
Acres Burned 2006-2016	39,451

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.35%
Intermix	1.91%
Acres	
Interface	6,973
Intermix	37,581
WUI Addressed Structures	605

#### Communities at Risk from Wildland Fire

High Risk	9
Medium Risk	9
Low Risk	3

#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

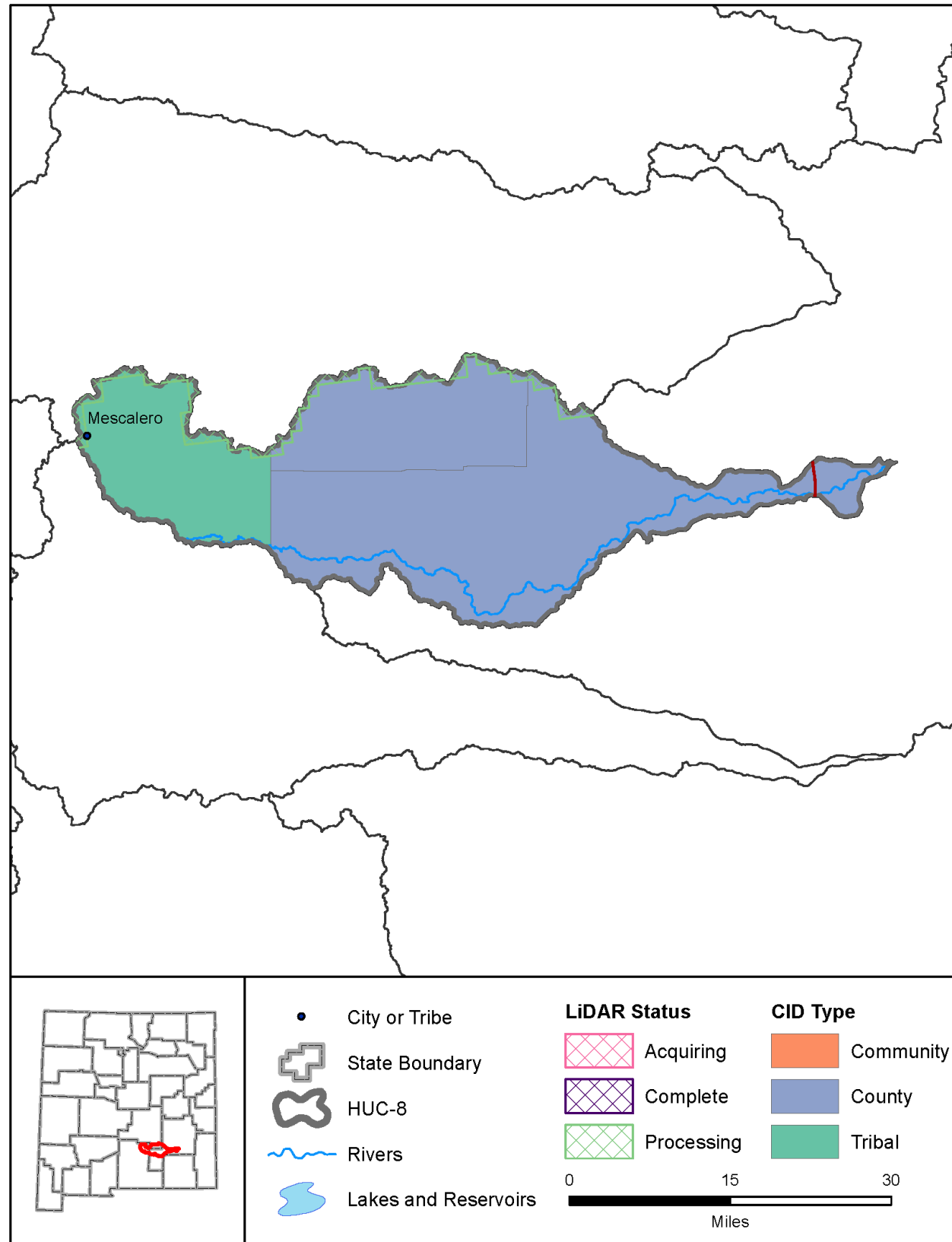
High Priority	43
Very High Priority	16

#### Vegetation Treatments 2006-2016

Acres Treated	142,720
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## Rio Felix



### Description

The Rio Felix watershed is home to fewer than 2,000 people in the south-central portion of New Mexico. The watershed has significant topographic relief from the Sacramento Mountains to the eastern plains. The Rio Felix is the primary hydroogic feature with many smaller tributaries. FIRM data is extensive throughout the watershed, except for tribal lands, but no lidar data is available. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Chaves, Eddy, Lincoln, Otero

### Communities

Hagerman

### Tribal Nations

Mescalero Reservation

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066951.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066951.pdf)

### Watershed 13060009

#### Watershed Characteristics

Area (sq mi)	944
Population in NM	1,864
CNMS Streams (mi)	327
Maximum Elevation (feet)	8,684
Minimum Elevation (feet)	3,380
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	100 %
Private	47.63 %
State	4.23 %
Tribal	21.47 %
Federal	26.67 %
States	NM

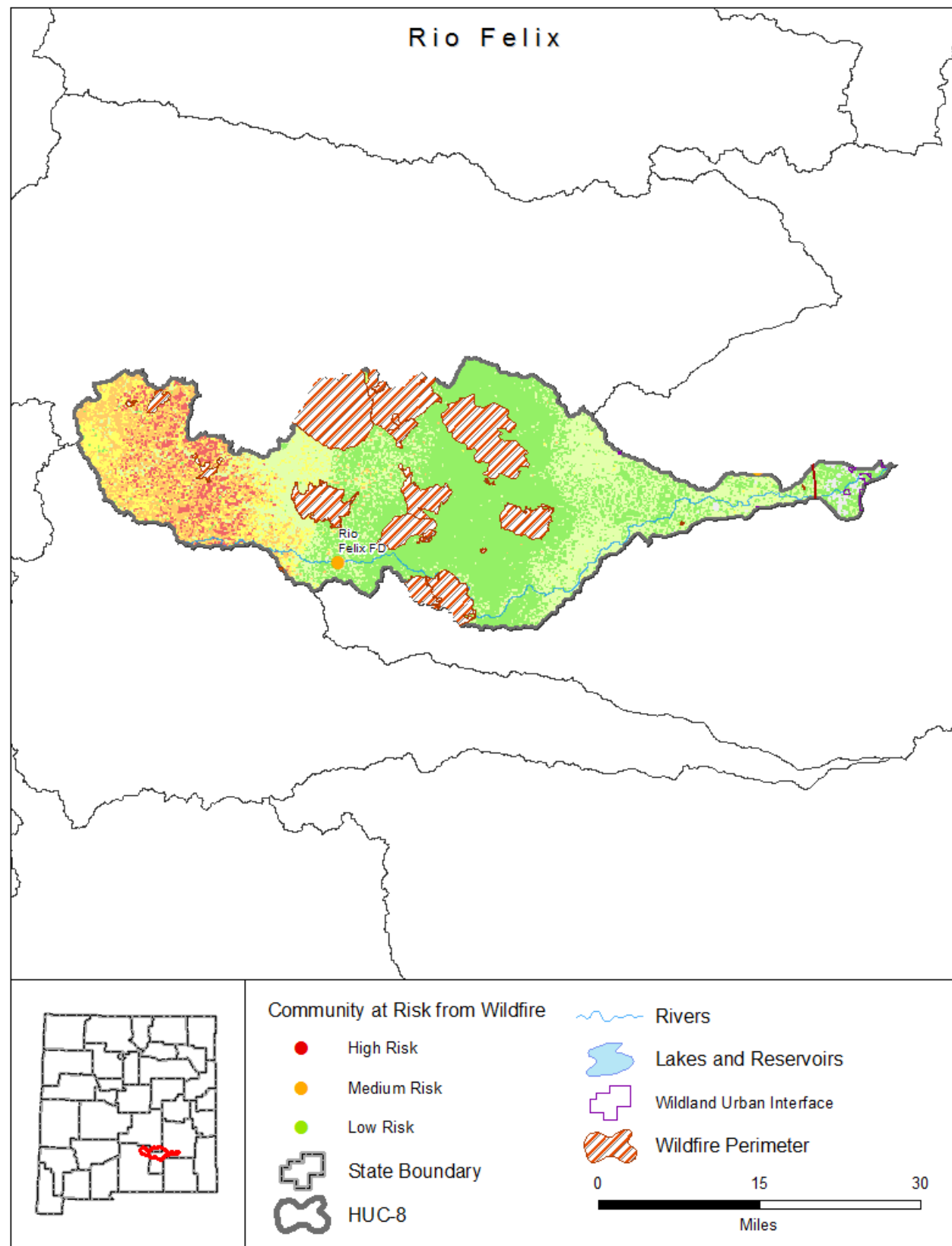
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	6
NFIP Communities	4
NFIP Policies	3
Policies within the SFHA	3
Policies outside of the SFHA	0
NFIP Premium Total	\$ 3,735
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Rio Felix



**Risk Rank: Medium**

**Description**

The Rio Felix watershed is at medium risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 134,163 acres have burned during 40 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Chaves, Eddy, Lincoln, Otero

**Communities**

Hagerman

**Tribal Nations**

Mescalero Reservation

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 13060009**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	47%
Low	28%
Moderate	10%
High	11%
Very High	4%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	40
Acres Burned 2006-2016	134,163

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.02%
Intermix	0.11%
	Acres
Interface	122
Intermix	671
WUI Addressed Structures	16

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	1
Low Risk	0

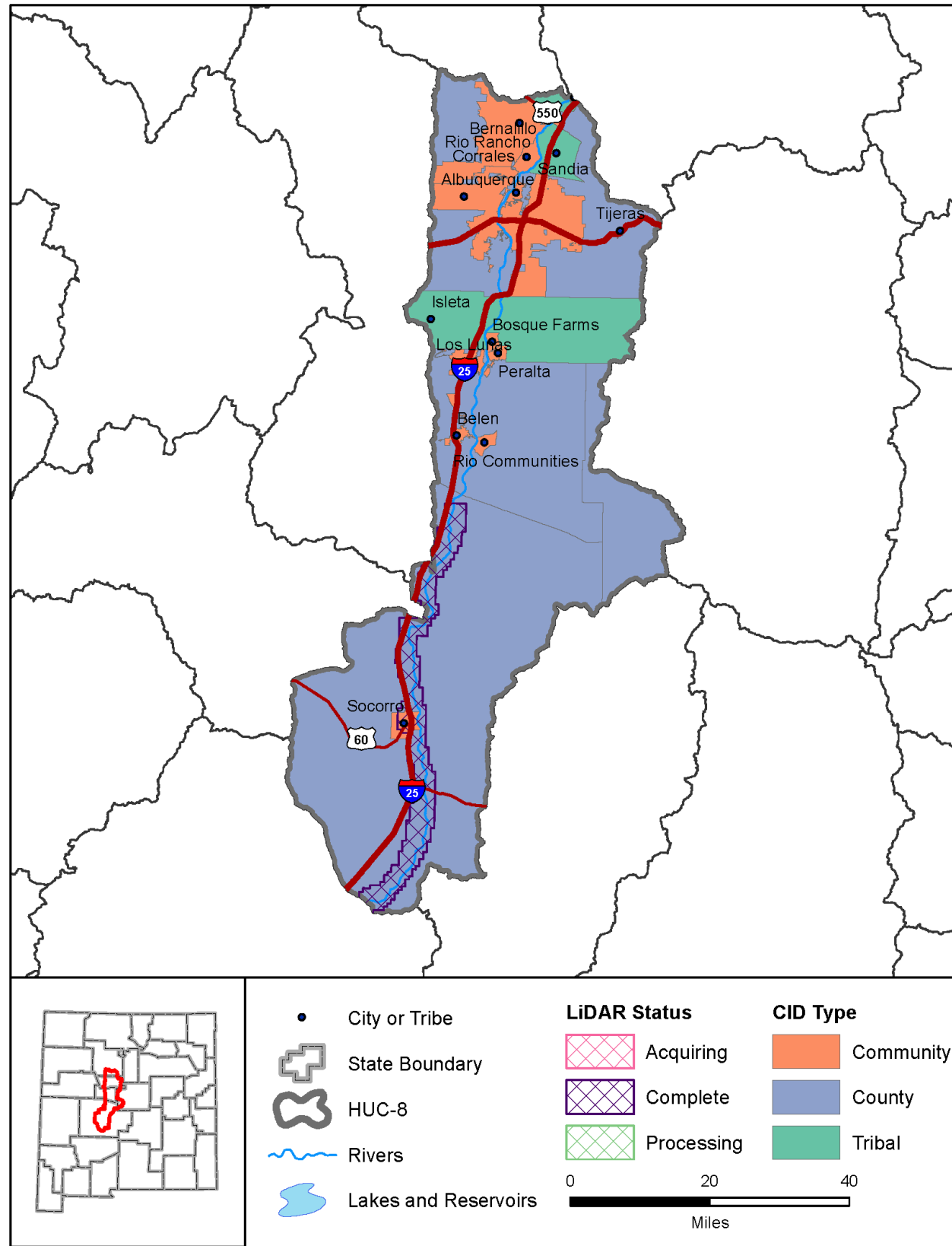
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	4
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	17,920
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## Rio Grande-Albuquerque



### Description

The Rio Grande - Albuquerque watershed is home to approximately 800,000 people in central New Mexico. The watershed has significant topographic relief as it moves from the Manzano Mountains to the floodplain of the Rio Grande. The Rio Grande is the major hydrologic feature. FIRM data is widely available throughout the watershed except for tribal land. Tarrant County has limited FHBM data. Lidar data from 2010 is available along the Middle Rio Grande corridor from the USACE. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

The USACE collected lidar as part of a Middle Rio Grande 500 year floodplain study in 2010.

### Counties

Bernalillo, Sandoval, Socorro, Tarrant, Valencia

### Communities

Albuquerque, Belen, Bernalillo, Bosque Farms, Corrales, Los Lunas, Los Ranchos de Albuquerque, Peralta, Rio Communities, Rio Rancho, Socorro, Tijeras

### Tribal Nations

Isleta Pueblo, San Felipe Pueblo/Santa Ana Pueblo joint-use area, Sandia Pueblo, Santa Ana Pueblo, Zia Pueblo

### NRCS Rapid Watershed Assessment

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/nm/technical/dma/rwa/>

### Watershed 13020203

#### Watershed Characteristics

Area (sq mi)	3,215
Population in NM	818,092
CNMS Streams (mi)	1,437
Maximum Elevation (feet)	10,787
Minimum Elevation (feet)	4,464
High Hazard Potential Dams	36
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	100 %
Private	51.2 %
State	4.9 %
Tribal	10.09 %
Federal	33.82 %
States	NM

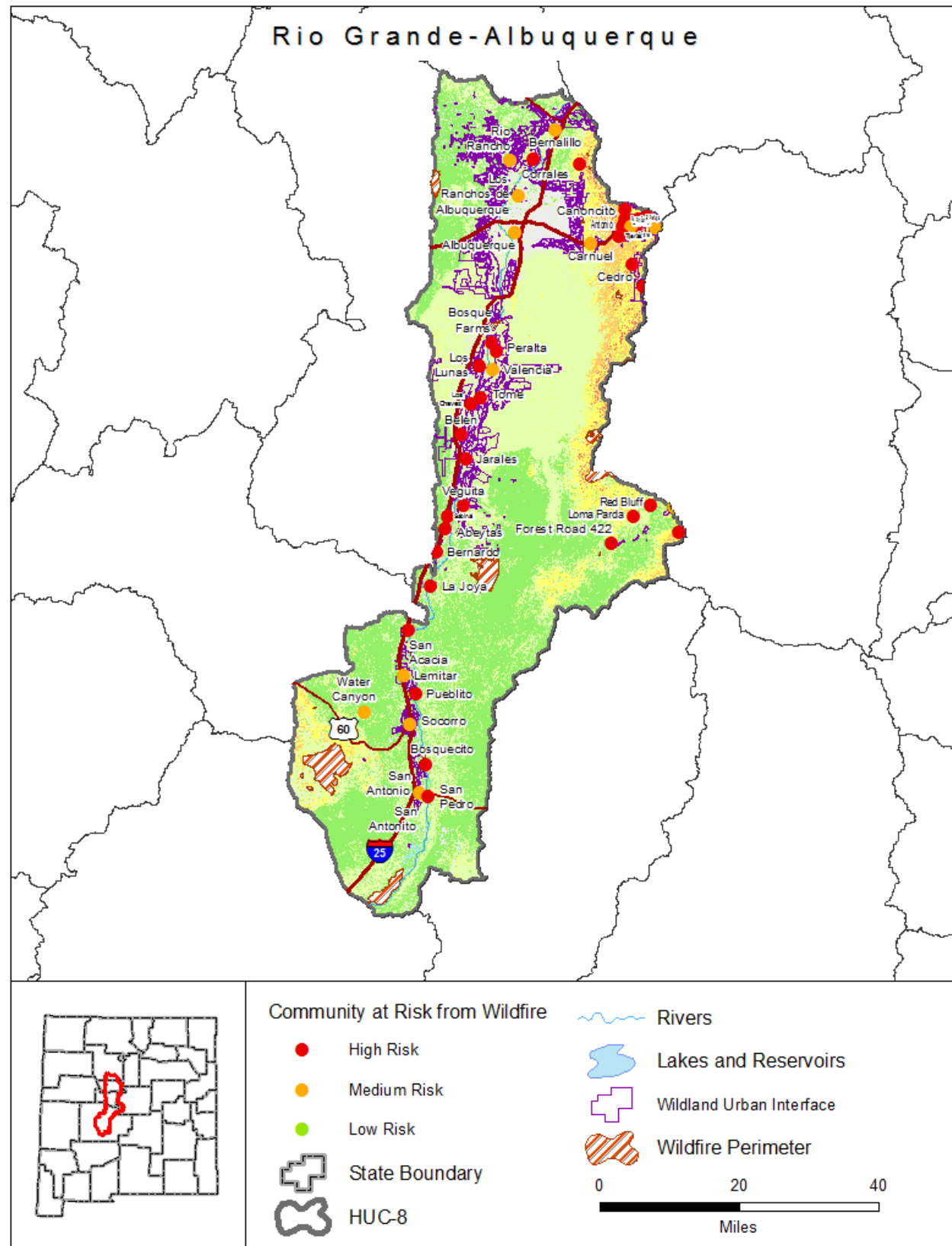
#### Flood Maps

DFIRM Available	Yes
FHBM Available	Yes

#### NFIP Statistics

CID Communities	22
NFIP Communities	17
NFIP Policies	6566
Policies within the SFHA	5142
Policies outside of the SFHA	1424
NFIP Premium Total	\$ 5,598,641
NFIP Claims	272
Claims within the SFHA	136
Claims outside of the SFHA	136
Paid Claims	\$ 1,378,493
Repetitive Loss Structures	2
Repetitive Loss Claims	4
Rep Loss Structures within SFHA	1
Rep Loss Structures outside SFHA	1
Repetitive Loss Total	\$ 47,505

## Rio Grande-Albuquerque



**Risk Rank: High**

### Description

The Rio Grande - Albuquerque watershed is at high risk of wildfire. A total of 35 communities were identified as high risk in the local Community Wildfire Protection Plan. A total of 36,899 acres have burned during 20 wildfire events over the last ten years. A collection of federal agencies anticipates collecting lidar in FY 2017 for a portion of the northeastern corner of the watershed. A portion of the watershed has been modeled by the United States Geological Survey for Potential postwildfire debris-flow hazards.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar in FY 2017 for a portion of the northeastern corner of the watershed. The USACE collected lidar as part of a Middle Rio Grande 500 year floodplain study in 2010.

### Counties

Bernalillo, Sandoval, Socorro, Torrance, Valencia

### Communities

Albuquerque, Belen, Bernalillo, Bosque Farms, Corrales, Los Lunas, Los Ranchos de Albuquerque, Peralta, Rio Communities, Rio Rancho, Socorro, Tijeras

### Tribal Nations

Isleta Pueblo, San Felipe Pueblo/Santa Ana Pueblo joint-use area, Sandia Pueblo, Santa Ana Pueblo, Zia Pueblo

### Debris Flow Modeling

Tillery, A.C., Haas, J.R., Miller, L.W., Scott, J.H., and Thompson, M.P., 2014, Potential postwildfire debris-flow hazards—A prewildfire evaluation for the Sandia and Manzano Mountains and surrounding areas, Central New Mexico: U.S. Geological Survey Scientific Investigations Report 2014-5161, 24 p. with appendix, <http://dx.doi.org/10.3133/sir20145161>.

### Communities at High Risk of Wildland Fire

Abeytas, Belen, Bernardo, Bosque Farms, Bosquecito, Canoncito, Canyon Estates, Cedar Crest, Cedro, Corrales, Deer Canyon Preserve, Dennis Chavez Estates, El Refugio, El Tablazon, Evergreen Hills Subdivision, Forest Park, Forest Road 422, Jarales, La Joya, Loma Parda, Los Chavez, Los Lunas, Peralta, Ponderosa Pine, Primera Agua, Pueblito, Red Bluff, Rincon, Sabinal, San Acacia, San Antonio, San Pedro, Tijeras, Tome, Veguita

### Watershed 13020203

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	39%
Low	40%
Moderate	8%
High	3%
Very High	1%
Non-Burnable	8%
Water	1%

#### Watershed Characteristics

Wildfires 2006-2016	20
Acres Burned 2006-2016	36,899

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	4.75%
Intermix	5.29%
	Acres
Interface	97,745
Intermix	108,784
WUI Addressed Structures	1957

#### Communities at Risk from Wildland Fire

High Risk	35
Medium Risk	13
Low Risk	0

#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	10
Very High Priority	2

#### Vegetation Treatments 2006-2016

Acres Treated	63,360
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## Rio Grande-Fort Quitman



### Description

The Rio Grande - Fort Quitman watershed has less than 1 square mile within New Mexico. This watershed should be studied as a joint project with Texas.

### Lidar Data Availability

No significant lidar available.

### Counties

No counties within this watershed

### Communities

Sunland Park

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 13040100

#### Watershed Characteristics

Area (sq mi)	3,103
Population in NM	0
CNMS Streams (mi)	0
Maximum Elevation (feet)	4,629
Minimum Elevation (feet)	3,728
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	0 %
Private	94.24 %
State	0 %
Tribal	0 %
Federal	0 %
States	MX, TX, NM

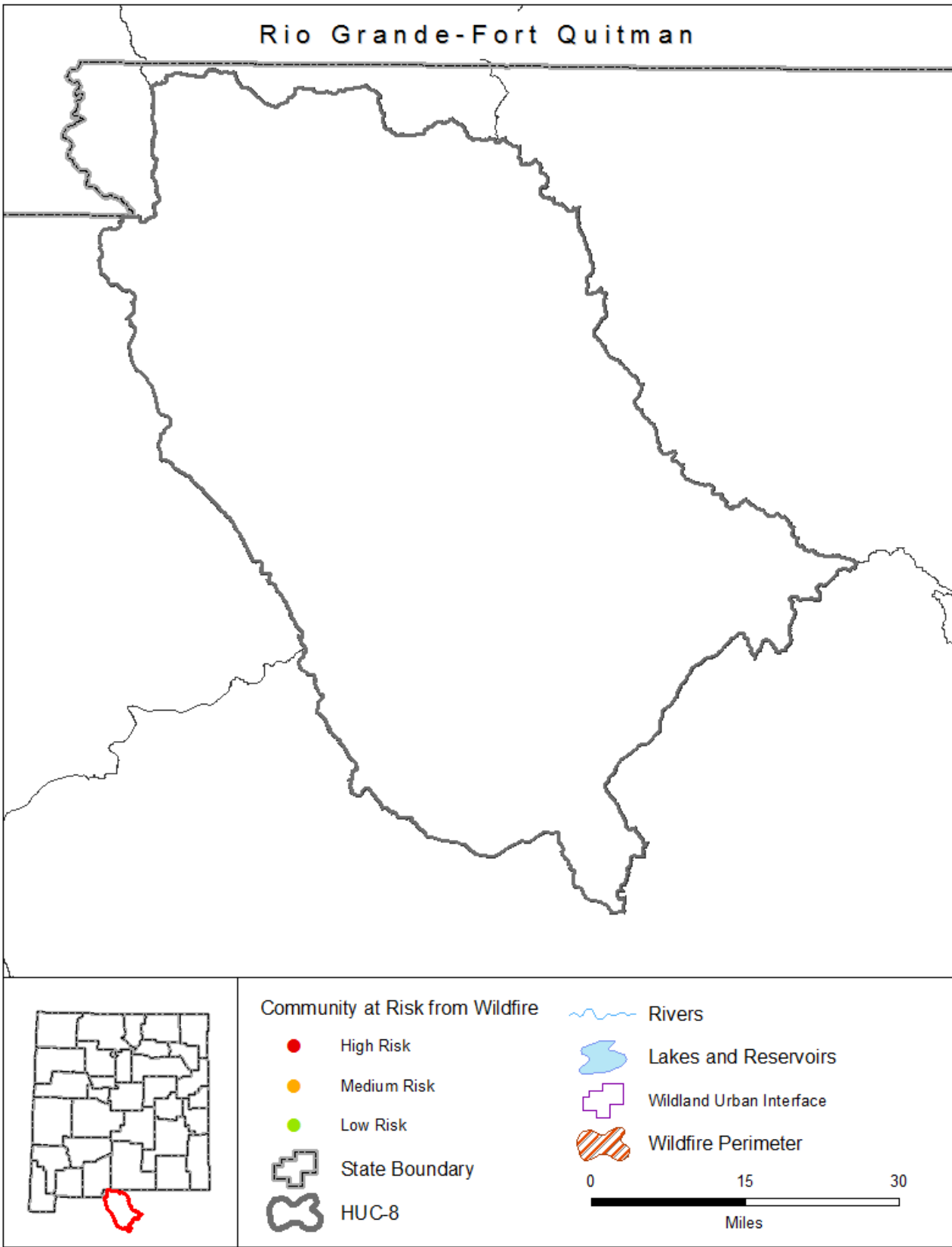
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	1
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Rio Grande-Fort Quitman



**Risk Rank:** Low

**Description**  
 The Rio Grande - Fort Quitman watershed at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**  
 No significant lidar available.

**Counties**  
 No counties within this watershed

**Communities**  
 Sunland Park

**Tribal Nations**  
 No tribal nations within this watershed.

**Debris Flow Modeling**  
 None.

**Communities at High Risk of Wildland Fire**  
 None.

**Watershed 13040100**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	100%
Low	0%
Moderate	0%
High	0%
Very High	0%
Non-Burnable	0%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	0
Acres Burned 2006-2016	0

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
	Acres
Interface	0
Intermix	0
WUI Addressed Structures	0

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

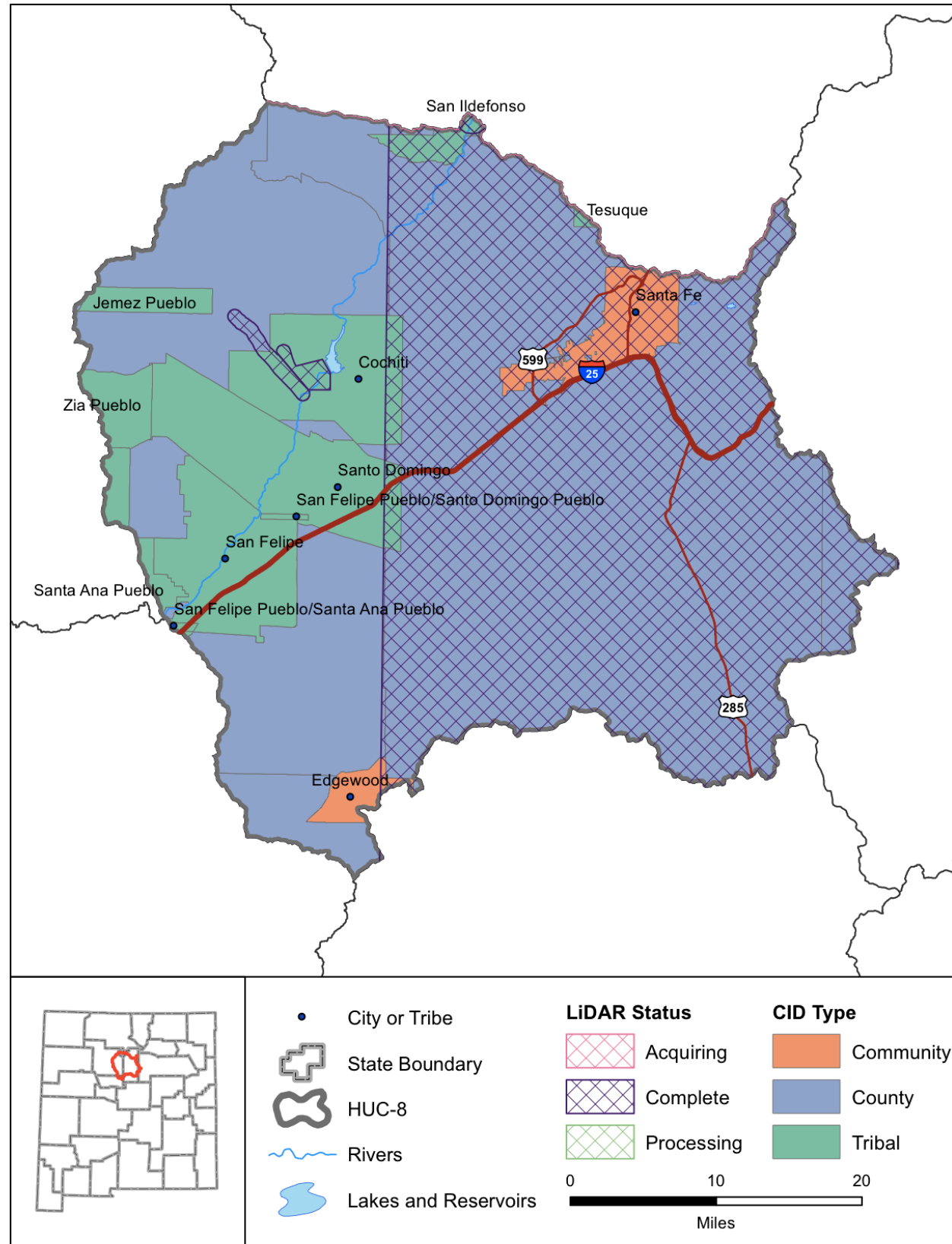
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Rio Grande-Santa Fe



### Description

The Rio Grande - Santa Fe watershed is home to approximately 140,000 people in central New Mexico. The watershed has significant topographic relief from the Sangre de Cristo Mountains. The Rio Grande River is the major hydrologic feature. FIRM data is widely available throughout the watershed except for tribal land. Lidar data was collected in 2014 by Santa Fe County for the central and eastern part of the watershed. This data can be used for use in future non-regulatory and regulatory flood risk projects. The data was not collected to watershed boundaries so an evaluation of HUC-10's needs to be made to determine areas with sufficient lidar coverage.

### Lidar Data Availability

USGS Quality Level 2 lidar data was collected by Santa Fe that covers the central and eastern section of the watershed. Data should be delivered by the end of 2015. The USACE collected post-wildfire QL2 lidar for Peralta Creek in 2013.

### Counties

Bernalillo, Los Alamos, San Miguel, Sandoval, Santa Fe

### Communities

Edgewood, Santa Fe

### Tribal Nations

Jemez Pueblo, Pueblo de Cochiti, San Felipe Pueblo, San Felipe Pueblo/Santa Ana Pueblo joint-use area, San Felipe Pueblo/Santo Domingo Pueblo joint-use area, San Ildefonso Pueblo, Santa Ana Pueblo, Santo Domingo Pueblo, Tesuque Pueblo, Zia Pueblo

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_068017.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_068017.pdf)

### Watershed 13020201

#### Watershed Characteristics

Area (sq mi)	1,871
Population in NM	139,942
CNMS Streams (mi)	611
Maximum Elevation (feet)	12,416
Minimum Elevation (feet)	5,068
High Hazard Potential Dams	5
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	100 %
Private	46.29 %
State	3.55 %
Tribal	21.62 %
Federal	28.54 %
States	NM

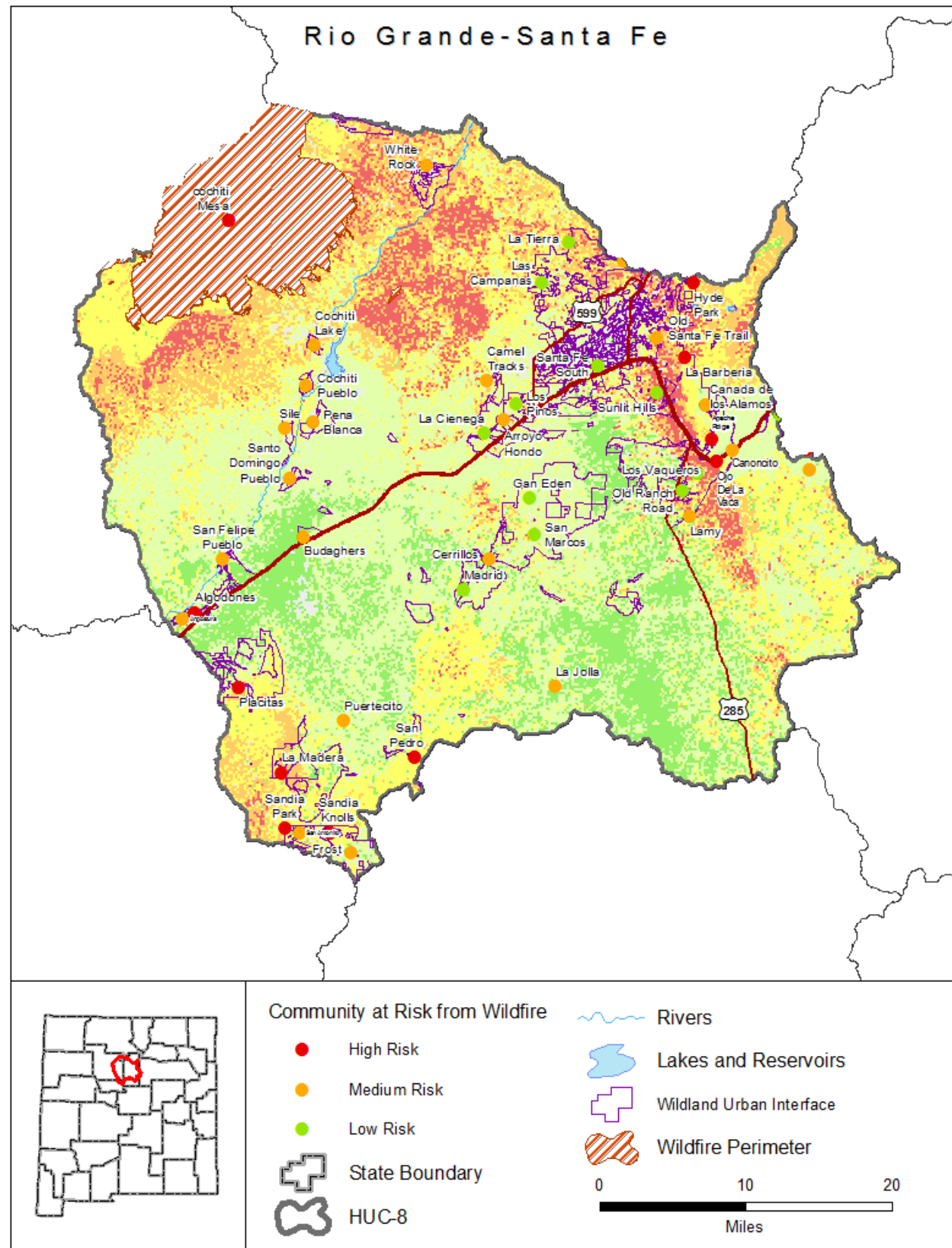
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	17
NFIP Communities	7
NFIP Policies	411
Policies within the SFHA	136
Policies outside of the SFHA	275
NFIP Premium Total	\$ 361,306
NFIP Claims	18
Claims within the SFHA	2
Claims outside of the SFHA	16
Paid Claims	\$ 171,773
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Rio Grande-Santa Fe



**Risk Rank: High**

**Description**

The Rio Grande - Santa Fe watershed is at high risk of wildfire. The communities of Algodones, Apache Rdige, Cochiti Mesa, Hyde Park, La Barberia, La Madera, Ojo De La Vaca, Placitas, San Pedro, Sandia Knolls, and Sandia Park were identified as high risk in the local Community Wildfire Protection Plan. A total of 89,310 acres have burned during 17 wildfire events over the last ten years. A collection of federal agencies anticipates collecting lidar in FY 2017. A portion of the watershed has been modeled by the United States Geological Survey for Potential postwildfire debris-flow hazards.

**Lidar Data Availability**

A collection of federal agencies anticipates collecting USGS QL2 lidar in FY 2017. USGS Quality Level 2 lidar data was collected by Santa Fe that covers the central and eastern section of the watershed. The USACE collected post-wildfire QL2 lidar for Pe

**Counties**

Bernalillo, Los Alamos, San Miguel, Sandoval, Santa Fe

**Communities**

Edgewood, Santa Fe

**Tribal Nations**

Jemez Pueblo, Pueblo de Cochiti, San Felipe Pueblo, San Felipe Pueblo/Santa Ana Pueblo joint-use area, San Felipe Pueblo/Santo Domingo Pueblo joint-use area, San Ildefonso Pueblo, Santa Ana Pueblo, Santo Domingo Pueblo, Tesuque Pueblo, Zia Pueblo

**Debris Flow Modeling**

Tillery, A.C., Haas, J.R., Miller, L.W., Scott, J.H., and Thompson, M.P., 2014, Potential postwildfire debris-flow hazards—A prewildfire evaluation for the Sandia and Manzano Mountains and surrounding areas, Central New Mexico: U.S. Geological Survey Scientific Investigations Report 2014–5161, 24 p. with appendix, <http://dx.doi.org/10.3133/sir20145161>.

**Communities at High Risk of Wildland Fire**

Algodones, Apache Rdige, Cochiti Mesa, Hyde Park, La Barberia, La Madera, Ojo De La Vaca, Placitas, San Pedro, Sandia Knolls, Sandia Park

**Watershed 13020201**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	12%
Low	37%
Moderate	26%
High	15%
Very High	7%
Non-Burnable	2%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	17
Acres Burned 2006-2016	89,310

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.84%
Intermix	12.68%
Acres	
Interface	10,055
Intermix	151,773
WUI Addressed Structures	1477

**Communities at Risk from Wildland Fire**

High Risk	11
Medium Risk	21
Low Risk	11

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

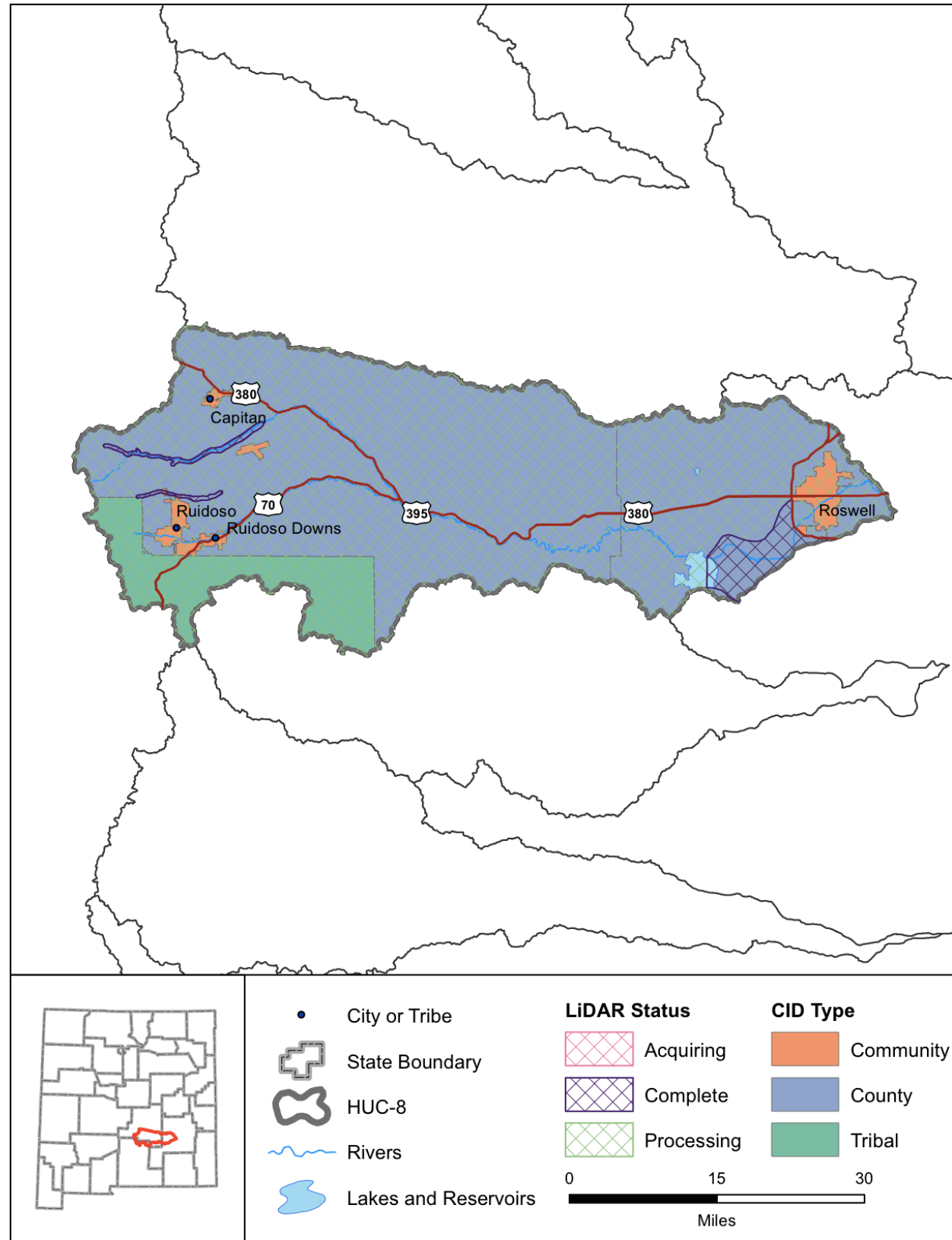
High Priority	9
Very High Priority	8

**Vegetation Treatments 2006-2016**

Acres Treated	5,760
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## Rio Hondo



### Description

The Rio Hondo watershed is home to nearly 70,000 people in the south-central portion of New Mexico. The watershed has significant topograph relief from the Sacramento Mountains to the eastern plains. The Rio Hondo River is the primary hydrologic feature with many smaller tributaries. FIRM data is extensive throughout the watershed, except within tribal lands, and lidar data will be available in 2015. The Risk MAP process is ongoing with a First Order Approximation study planned for 2015-2016.

### Lidar Data Availability

USGS Quality Level 2 lidar data was collected in the fall of 2014 for the entire watershed with an expected delivery in fall or 2015. The USACE collected lidar for the Two Rivers Drainage Area in 2009. The USACE collected post-wildfire lidar data in 2013

### Counties

Chaves, Lincoln, Otero

### Communities

Capitan, Roswell, Ruidoso, Ruidoso Downs

### Tribal Nations

Mescalero Reservation

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066950.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066950.pdf)

### Watershed 13060008

#### Watershed Characteristics

Area (sq mi)	1,662
Population in NM	64,622
CNMS Streams (mi)	499
Maximum Elevation (feet)	11,982
Minimum Elevation (feet)	3,453
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	100 %
Private	57.66 %
State	3.61 %
Tribal	10.81 %
Federal	27.92 %
States	NM

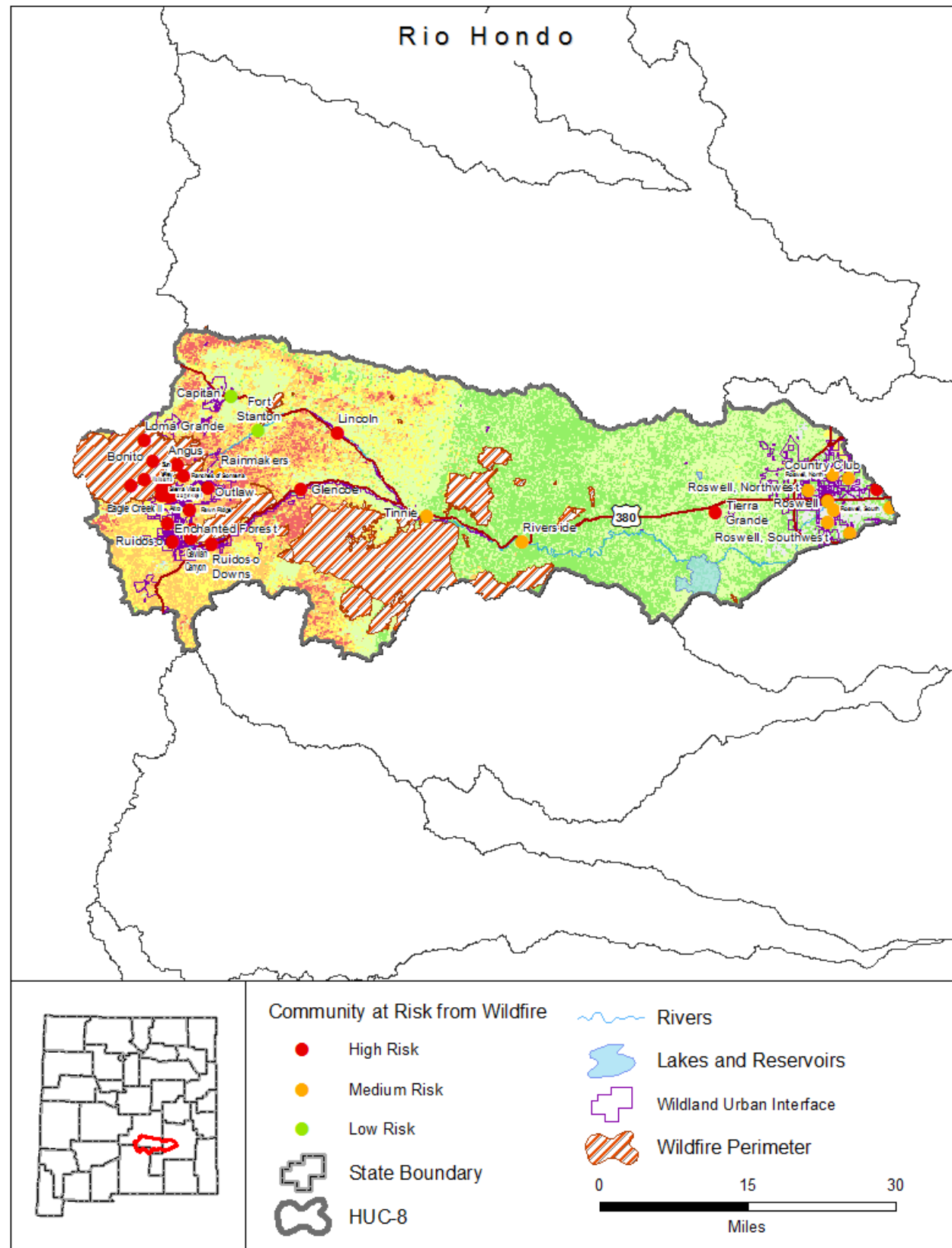
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	8
NFIP Communities	7
NFIP Policies	716
Policies within the SFHA	327
Policies outside of the SFHA	389
NFIP Premium Total	\$ 513,271
NFIP Claims	115
Claims within the SFHA	39
Claims outside of the SFHA	76
Paid Claims	\$ 2,368,369
Repetitive Loss Structures	2
Repetitive Loss Claims	4
Rep Loss Structures within SFHA	1
Rep Loss Structures outside SFHA	1
Repetitive Loss Total	\$ 30,410

## Rio Hondo



**Risk Rank: High**

### Description

The Rio Hondo watershed is at high risk of wildfire. The communities of Alto, Angus, Bonito, Cedar Creek - Alpine Village, Copper Ridge, Copper Ridge II, Eagle Creek, Eagle Creek II, Enchanted Forest, Fawn Ridge, Gavilan Canyon, Glencoe, Lincoln, Loma Grande, Outlaw, Ranches of Sonterra, Roswell, "Roswell, Northeast", Ruidoso, Ruidoso Downs, Sierra Vista, Sun Valley, Tierra Grande, and Villa Madonna were identified as high risk in the local Community Wildfire Protection Plan. A total of 165,007 acres have burned during 38 wildfire events over the last ten years. Lidar data was collected in 2014 by FEMA. A portion of the watershed has been modeled by the United States Geological Survey for Potential postwildfire debris-flow hazards.

### Lidar Data Availability

USGS Quality Level 2 lidar data was collected in the fall of 2014 by FEMA. The USACE collected lidar for the Two Rivers Drainage Area in 2009. The USACE collected post-wildfire lidar data in 2013 for Bonito Creek and Eagle Creek.

### Counties

Chaves, Lincoln, Otero

### Communities

Capitan, Roswell, Ruidoso, Ruidoso Downs

### Tribal Nations

Mescalero Reservation

### Debris Flow Modeling

Tillery, A.C., and Matherne, A.M., 2013, Postwildfire debris-flow hazard assessment of the area burned by the 2012 Little Bear Fire, south-central New Mexico: U.S. Geological Survey Open-File Report 2013-1108, 15 p., 3 pls., <http://pubs.usgs.gov/of/2013/1108/>.

### Communities at High Risk of Wildland Fire

Alto, Angus, Bonito, Cedar Creek - Alpine Village, Copper Ridge, Copper Ridge II, Eagle Creek, Eagle Creek II, Enchanted Forest, Fawn Ridge, Gavilan Canyon, Glencoe, Lincoln, Loma Grande, Outlaw, Ranches of Sonterra, Roswell, "Roswell, Northeast", Ruidoso, Ruidoso Downs, Sierra Vista, Sun Valley, Tierra Grande, Villa Madonna

### Watershed 13060008

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	25%
Low	33%
Moderate	18%
High	16%
Very High	5%
Non-Burnable	3%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	38
Acres Burned 2006-2016	165,007

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	1.06%
Intermix	5.73%
Acres	
Interface	11,317
Intermix	60,879
WUI Addressed Structures	1075

#### Communities at Risk from Wildland Fire

High Risk	24
Medium Risk	11
Low Risk	2

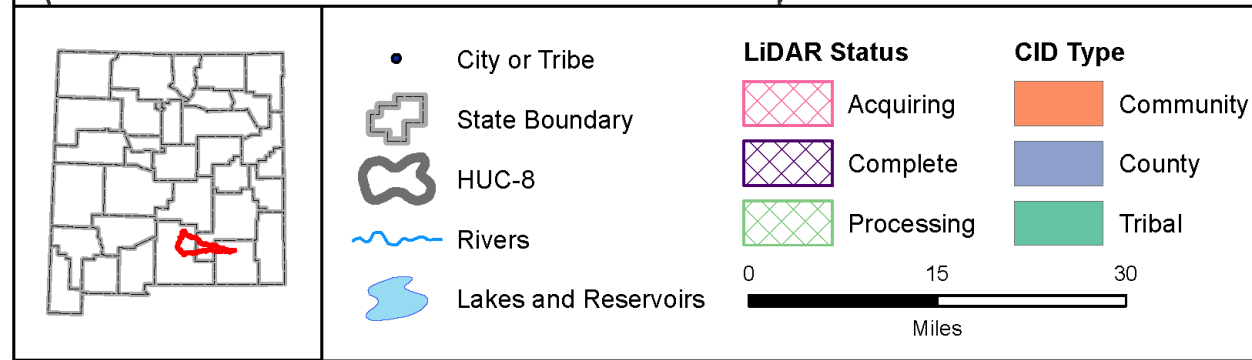
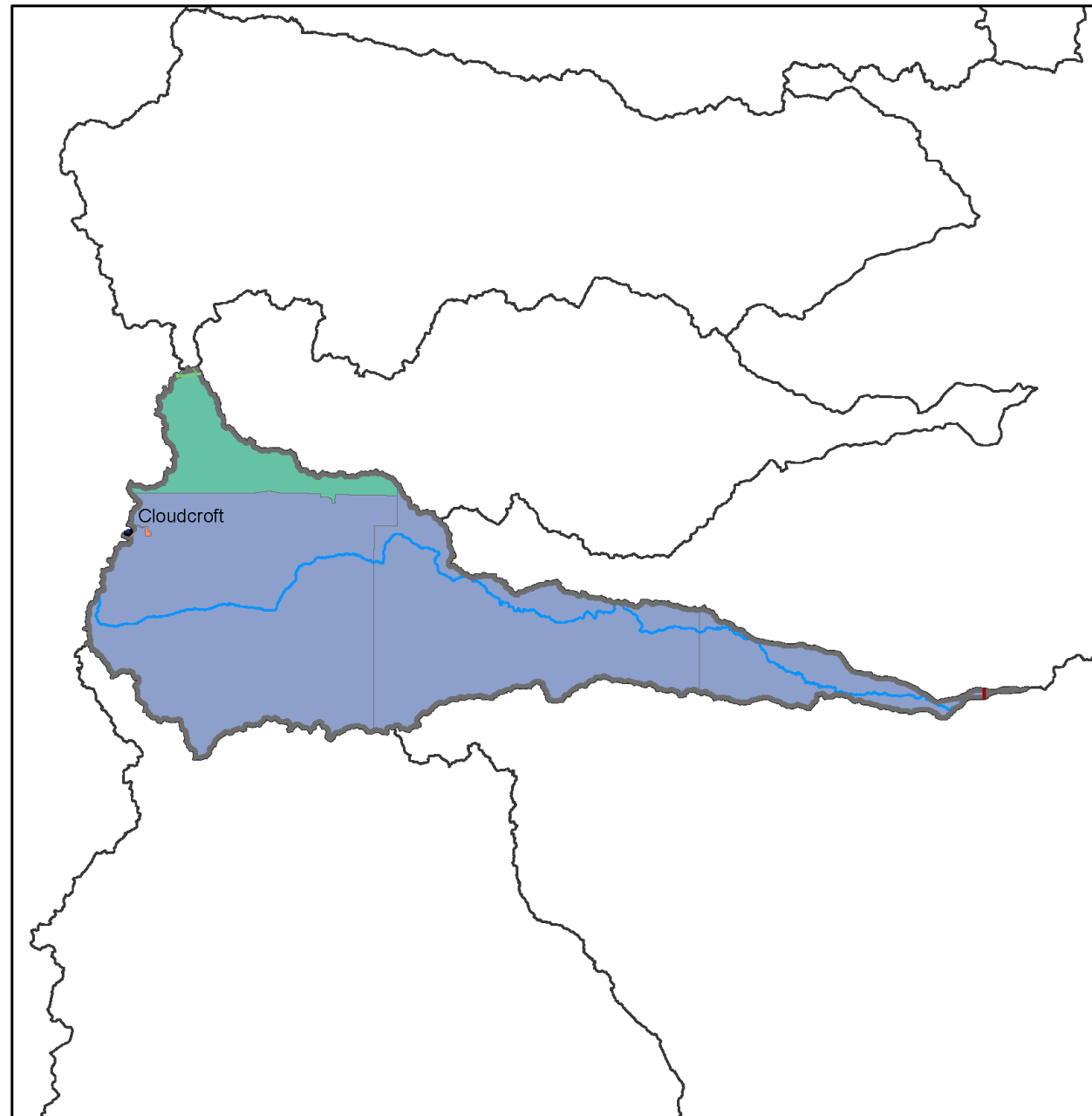
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	13
Very High Priority	6

#### Vegetation Treatments 2006-2016

Acres Treated	67,840
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## Rio Penasco



### Description

The Rio Penasco watershed is home to around 3,000 people in the south-central portion of New Mexico. The watershed has significant topographic relief from the Sacramento Mountains to the eastern plains. The Rio Penasco is the primary hydrologic feature with many smaller intermittent tributaries. FIRM data is extensive throughout the watershed, except for tribal lands, but no lidar data is available. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Chaves, Eddy, Otero

### Communities

Cloudcroft

### Tribal Nations

Mescalero Reservation

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066316.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066316.pdf)

### Watershed 13060010

#### Watershed Characteristics

Area (sq mi)	1,072
Population in NM	3,288
CNMS Streams (mi)	259
Maximum Elevation (feet)	9,713
Minimum Elevation (feet)	3,289
High Hazard Potential Dams	0
Significant Hazard Potential Dams	2
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	100 %
Private	29.17 %
State	11.18 %
Tribal	9.98 %
Federal	49.66 %
States	NM

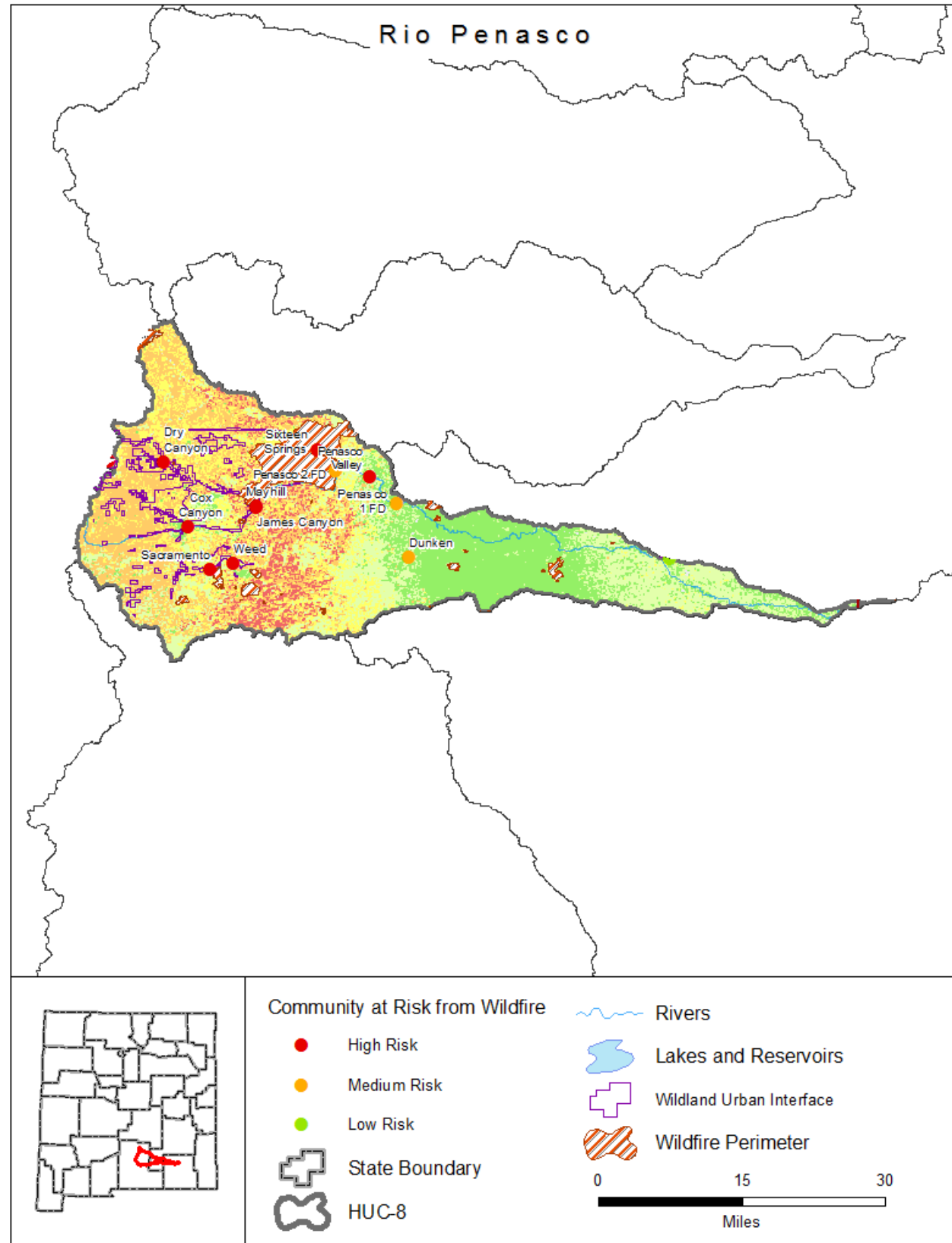
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	5
NFIP Communities	4
NFIP Policies	29
Policies within the SFHA	13
Policies outside of the SFHA	16
NFIP Premium Total	\$ 16,131
NFIP Claims	3
Claims within the SFHA	0
Claims outside of the SFHA	3
Paid Claims	\$ 120,386
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Rio Penasco



**Risk Rank:** High

**Description**

The Rio Penasco watershed is at high risk of wildfire. The communities of Cox Canyon, Dry Canyon, James Canyon, Mayhill, Penasco Valley, Sacramento, Sixteen Springs, and Weed were identified as high risk in the local Community Wildfire Protection Plan. A total of 38,748 acres have burned during 25 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Chaves, Eddy, Otero

**Communities**

Cloudcroft

**Tribal Nations**

Mescalero Reservation

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Cox Canyon, Dry Canyon, James Canyon, Mayhill, Penasco Valley, Sacramento, Sixteen Springs, Weed

**Watershed 13060010**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	21%
Low	24%
Moderate	22%
High	26%
Very High	6%
Non-Burnable	0%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	25
Acres Burned 2006-2016	38,748

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.06%
Intermix	4.26%
Acres	
Interface	381
Intermix	29,200
WUI Addressed Structures	209

**Communities at Risk from Wildland Fire**

High Risk	8
Medium Risk	3
Low Risk	0

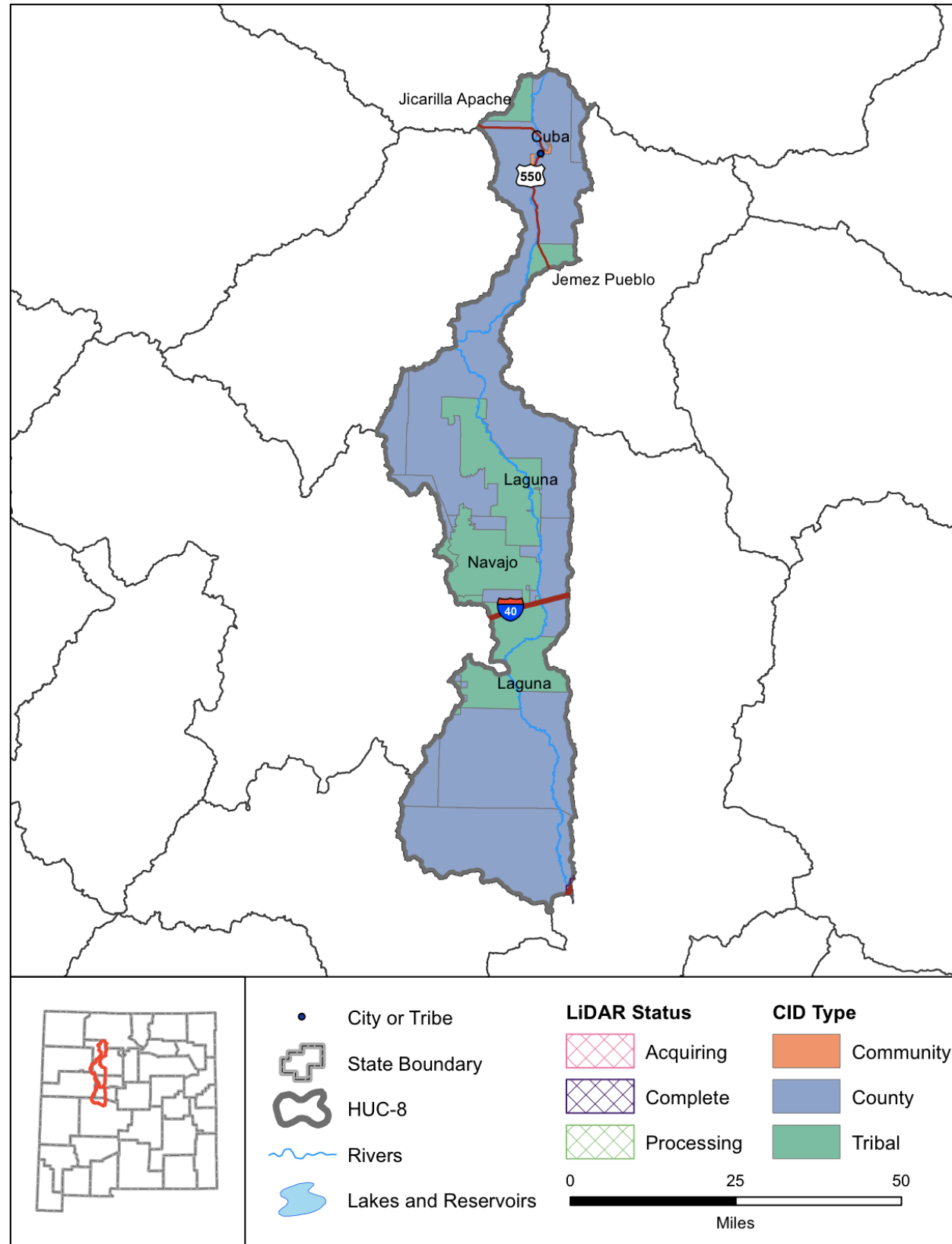
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	7
Very High Priority	8

**Vegetation Treatments 2006-2016**

Acres Treated	65,280
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## Rio Puerco



### Description

The Rio Puerco watershed is home to approximately 9,000 people in central New Mexico. The watershed has significant topographic relief as it moves from the northern, mountains region to the junction with the Rio Grande in Socorro County. The Rio Puerco is the major hydrologic feature. FIRM data is widely available throughout the watershed except for Socorro County, which has preliminary FIRM data, and tribal land. Lidar data from 2010 is available along the Middle Rio Grande corridor from the USACE. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

The USACE collected lidar as part of a Middle Rio Grande 500 year floodplain study in 2010.

### Counties

Bernalillo, Cibola, McKinley, Rio Arriba, Sandoval, Socorro, Valencia

### Communities

Albuquerque, Cuba

### Tribal Nations

Isleta Pueblo, Jemez Pueblo, Jicarilla Apache Nation Reservation, Laguna Pueblo, Navajo Nation

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066668.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066668.pdf)

### Watershed 13020204

#### Watershed Characteristics

Area (sq mi)	2,112
Population in NM	8,841
CNMS Streams (mi)	565
Maximum Elevation (feet)	10,611
Minimum Elevation (feet)	4,712
High Hazard Potential Dams	1
Significant Hazard Potential Dams	1
Low Hazard Potential Dams	6

#### Ownership

Percent in New Mexico	100 %
Private	42.64 %
State	5.62 %
Tribal	23.38 %
Federal	28.36 %
States	NM

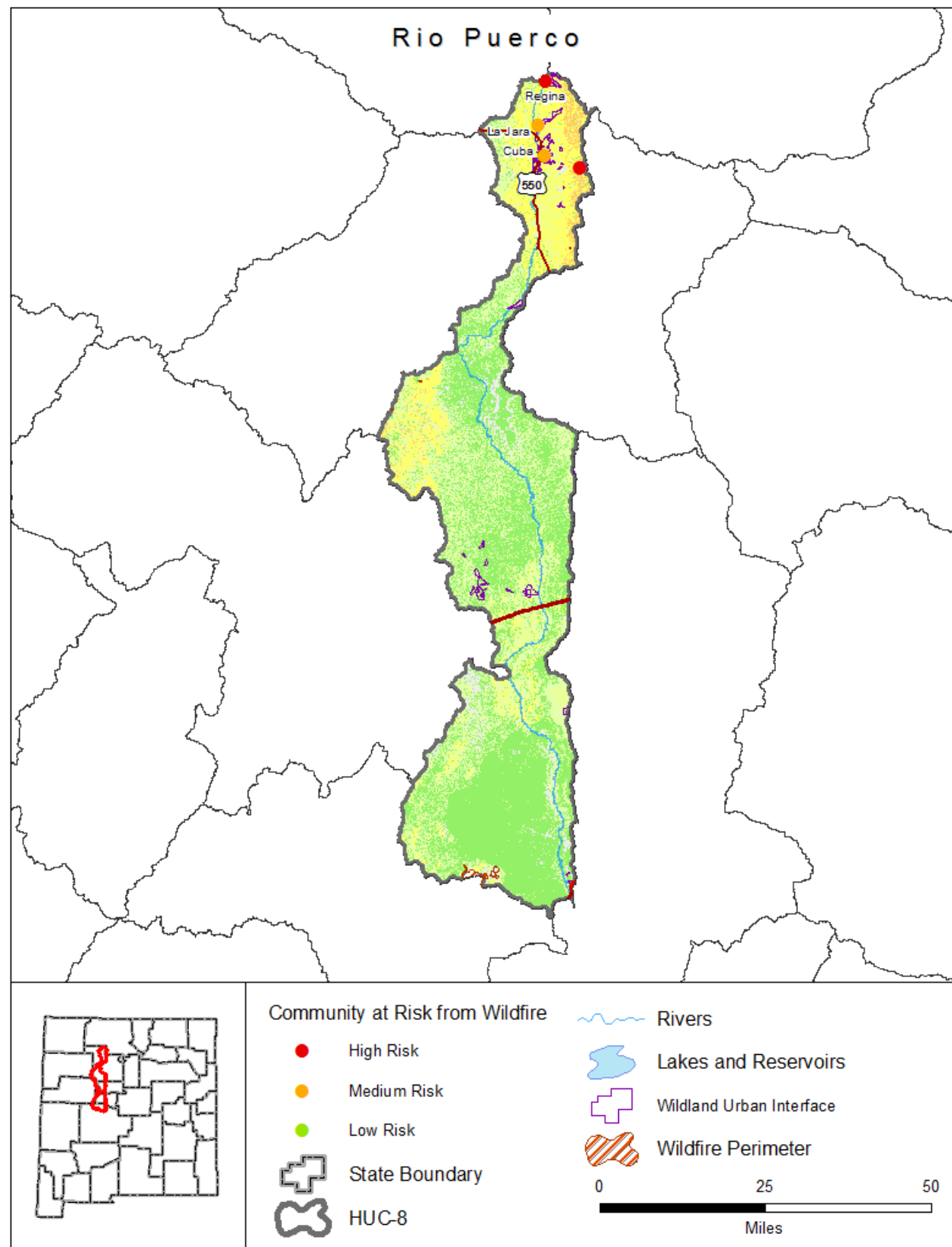
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	14
NFIP Communities	8
NFIP Policies	1
Policies within the SFHA	0
Policies outside of the SFHA	1
NFIP Premium Total	\$ 312
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Rio Puerco



**Risk Rank: Medium**

### Description

The Rio Puerco watershed is at medium risk of wildfire. The communities of Deer Lake and Regina were identified as high risk in the local Community Wildfire Protection Plan. A total of 2,666 acres have burned during 7 wildfire events over the last ten years.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar in FY 2017 for a small portion of the western edge of the watershed. The USACE collected lidar as part of a Middle Rio Grande 500 year floodplain study in 2010.

### Counties

Bernalillo, Cibola, McKinley, Rio Arriba, Sandoval, Socorro, Valencia

### Communities

Albuquerque, Cuba

### Tribal Nations

Isleta Pueblo, Jemez Pueblo, Jicarilla Apache Nation Reservation, Laguna Pueblo, Navajo Nation

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

Deer Lake, Regina

### Watershed 13020204

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	45%
Low	33%
Moderate	17%
High	2%
Very High	0%
Non-Burnable	4%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	7
Acres Burned 2006-2016	2,666

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.01%
Intermix	0.95%
	Acres
Interface	130
Intermix	12,772
WUI Addressed Structures	138

#### Communities at Risk from Wildland Fire

High Risk	2
Medium Risk	2
Low Risk	0

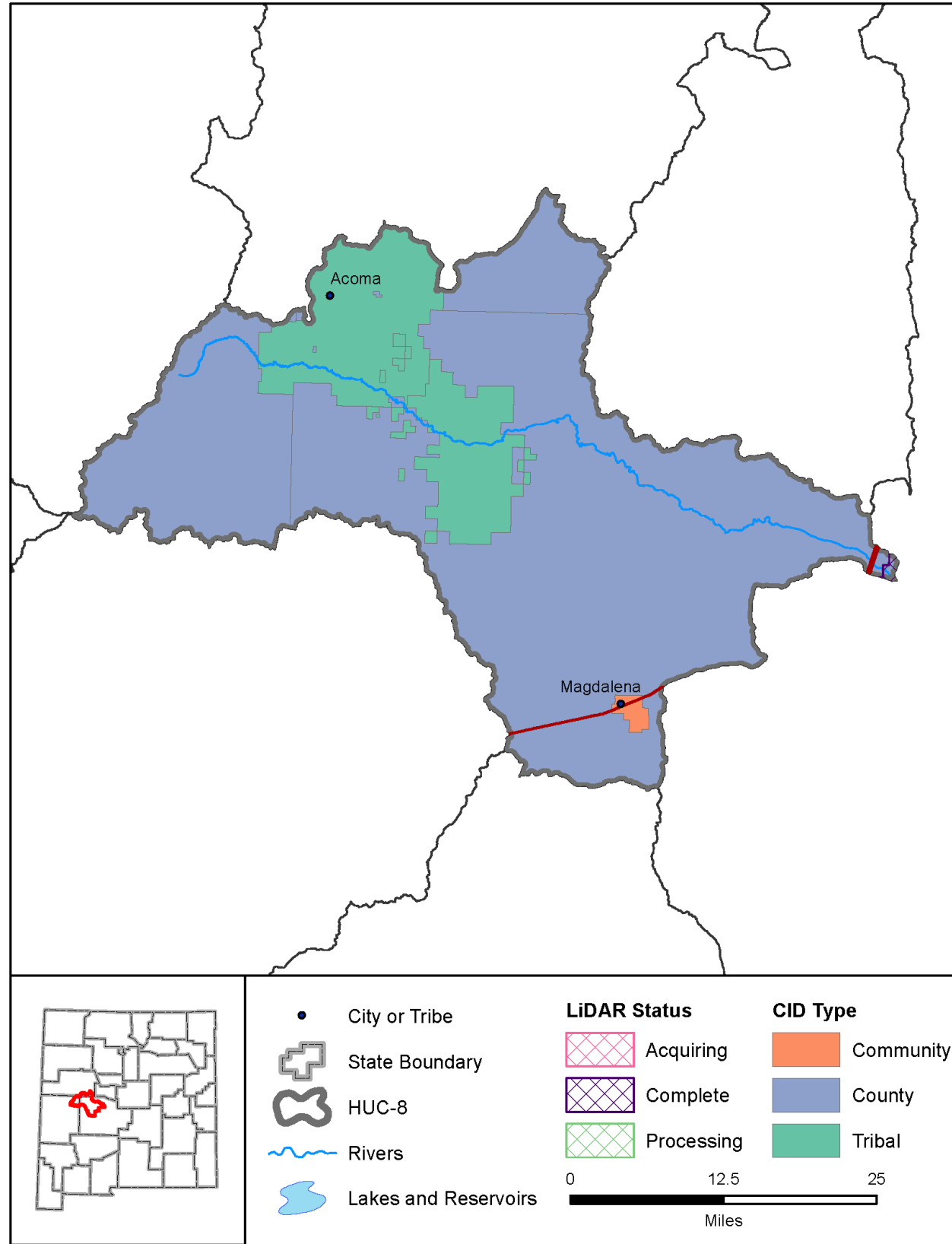
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	7
Very High Priority	2

#### Vegetation Treatments 2006-2016

Acres Treated	30,080
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## Rio Salado



### Description

The Rio Salado watershed is home to approximately 2,500 people in central New Mexico. The watershed contains part of Gallinas Mountains. The major hydrologic feature is the Rio Salado. FIRM data is limited to Cibola County. There is limited lidar data available as part of the USACE Middle Rio Grande project. Preliminary FIRM data is available for Socorro County.

### Lidar Data Availability

The USACE collected lidar as part of a Middle Rio Grande 500 year floodplain study in 2010.

### Counties

Catron, Cibola, Socorro

### Communities

Magdalena

### Tribal Nations

Navajo Nation, Acoma Pueblo

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 13020209

#### Watershed Characteristics

Area (sq mi)	1,397
Population in NM	2,547
CNMS Streams (mi)	237
Maximum Elevation (feet)	10,027
Minimum Elevation (feet)	4,683
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	100 %
Private	27.46 %
State	8.36 %
Tribal	22.19 %
Federal	41.99 %
States	NM

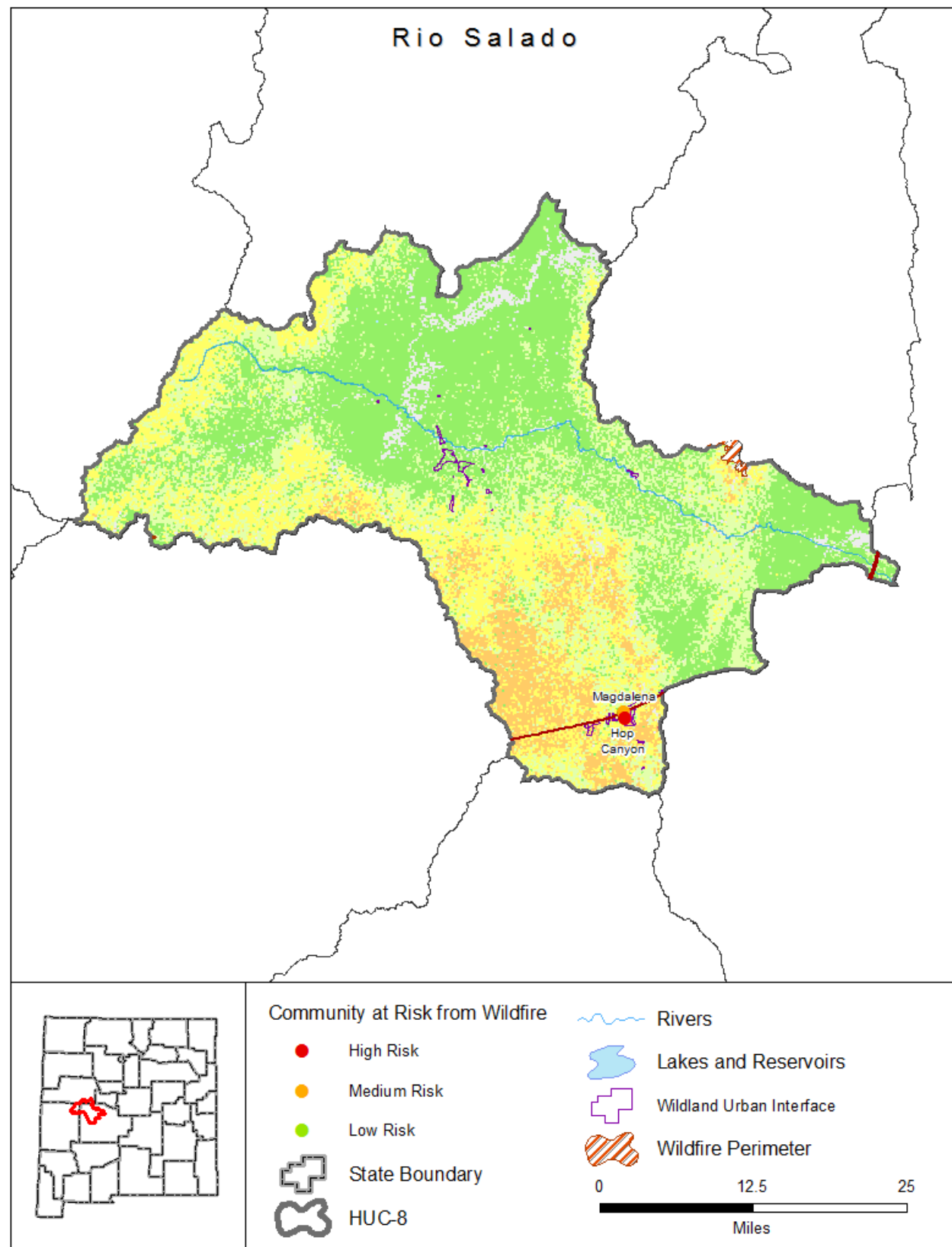
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	6
NFIP Communities	4
NFIP Policies	5
Policies within the SFHA	0
Policies outside of the SFHA	5
NFIP Premium Total	\$ 1,536
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Rio Salado



**Risk Rank: Medium**

### Description

The Rio Salado watershed is at medium risk of wildfire. The community of Hop Canyon was identified as high risk in the local Community Wildfire Protection Plan. A total of 1,866 acres have burned during 5 wildfire events over the last ten years.

### Lidar Data Availability

The USACE collected lidar as part of a Middle Rio Grande 500 year floodplain study in 2010.

### Counties

Catron, Cibola, Socorro

### Communities

Magdalena

### Tribal Nations

Navajo Nation, Acoma Pueblo

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

Hop Canyon

### Watershed 13020209

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	41%
Low	26%
Moderate	20%
High	8%
Very High	0%
Non-Burnable	4%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	5
Acres Burned 2006-2016	1,866

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.03%
Intermix	0.34%
	Acres
Interface	251
Intermix	3,067
WUI Addressed Structures	63

#### Communities at Risk from Wildland Fire

High Risk	1
Medium Risk	1
Low Risk	0

#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

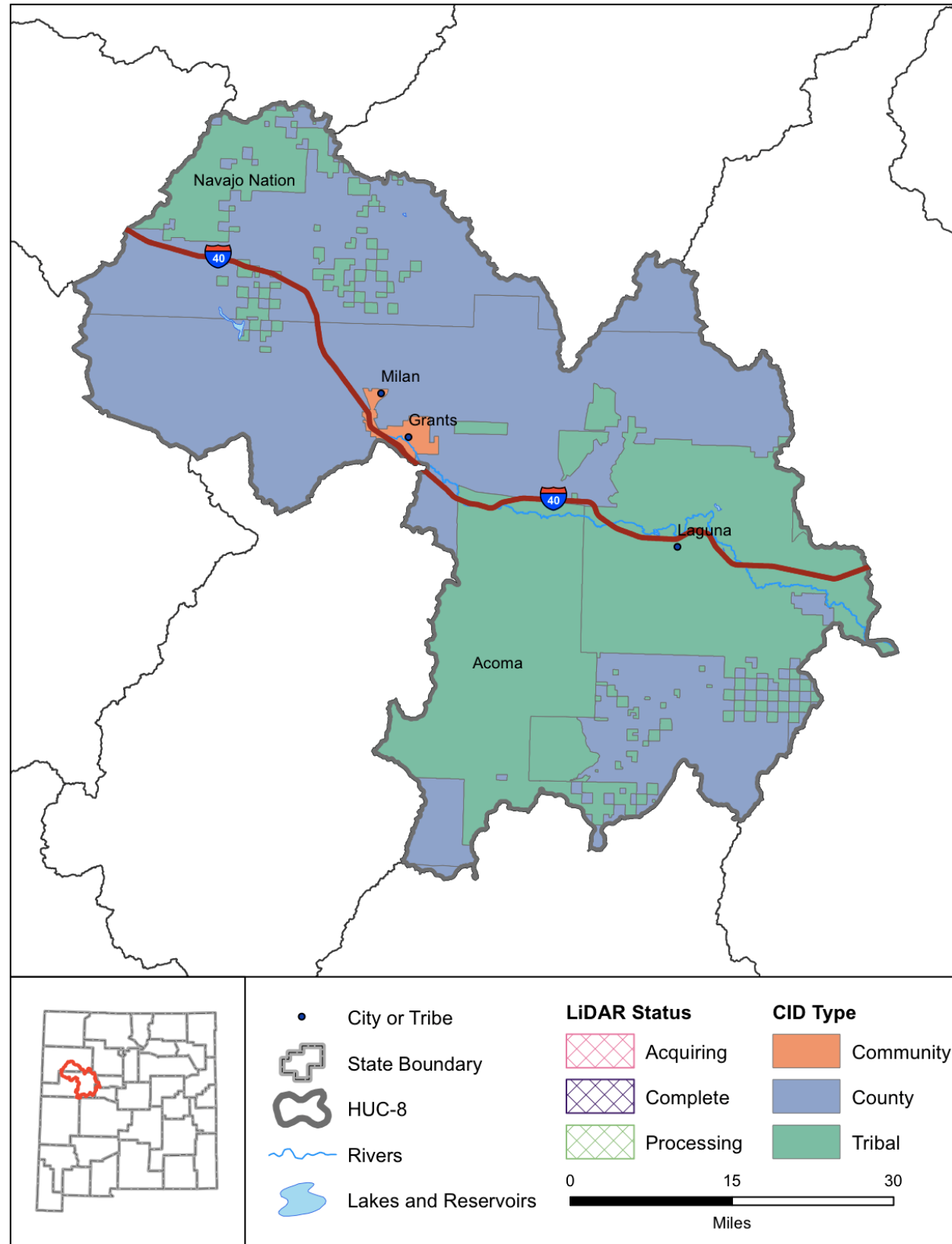
High Priority	12
Very High Priority	1

#### Vegetation Treatments 2006-2016

Acres Treated	5,760
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## Rio San Jose



### Description

The Rio San Jose watershed is home to approximately 28,000 people in western New Mexico. The watershed has significant topographic relief from Mount Taylor. The Rio San Jose is the major hydrologic feature. FIRM data is widely available throughout Cibola County but is not available in Tribal land. There is no lidar data available within the watershed. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Catron, Cibola, McKinley, Socorro, Valencia

### Communities

Grants, Milan

### Tribal Nations

Laguna Pueblo, Navajo Nation, Acoma Pueblo

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_067633.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_067633.pdf)

### Watershed 13020207

#### Watershed Characteristics

Area (sq mi)	2,599
Population in NM	28,029
CNMS Streams (mi)	674
Maximum Elevation (feet)	11,326
Minimum Elevation (feet)	5,081
High Hazard Potential Dams	7
Significant Hazard Potential Dams	2
Low Hazard Potential Dams	9

#### Ownership

Percent in New Mexico	100 %
Private	26.92 %
State	4.12 %
Tribal	43.25 %
Federal	25.71 %
States	NM

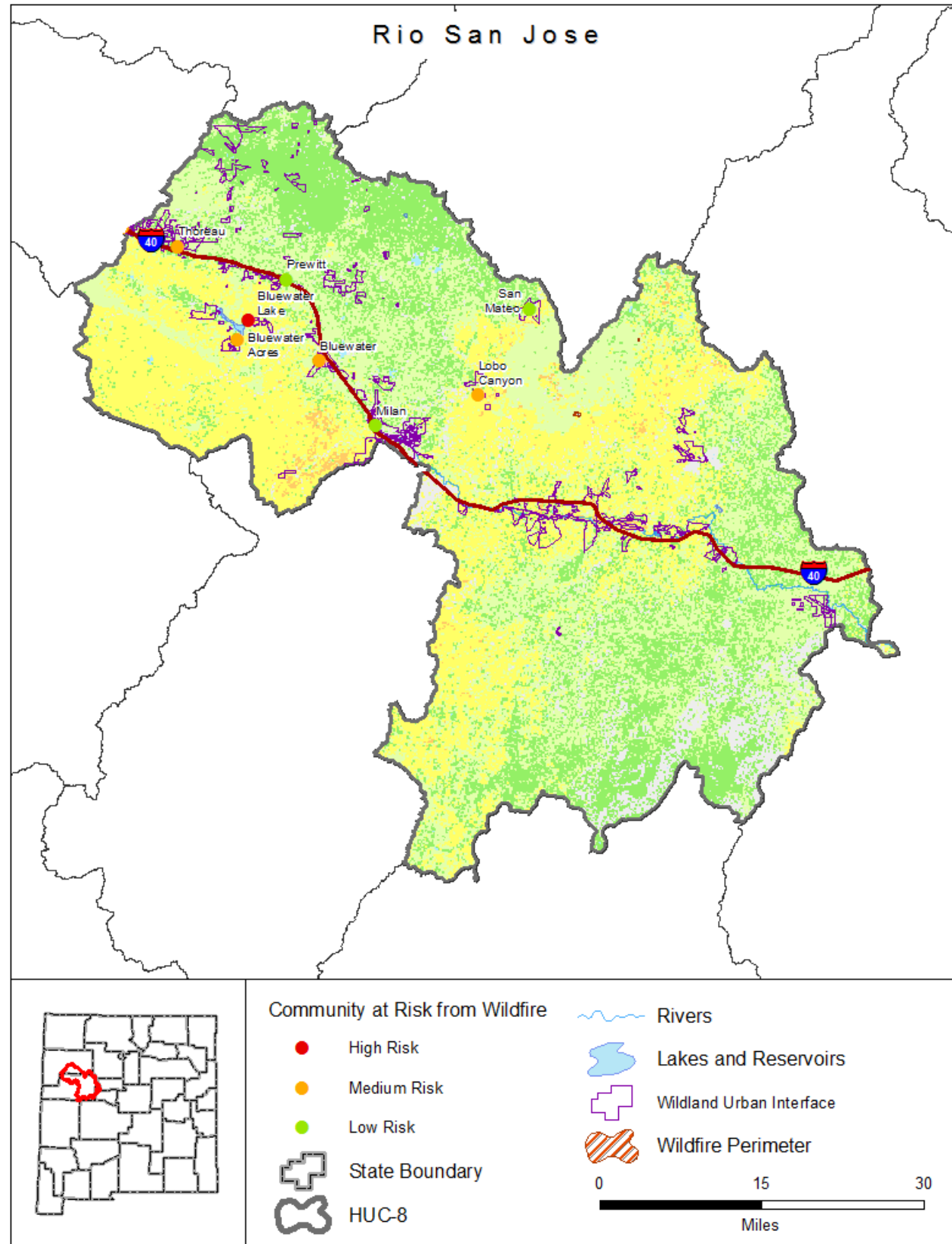
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	10
NFIP Communities	7
NFIP Policies	124
Policies within the SFHA	96
Policies outside of the SFHA	28
NFIP Premium Total	\$ 103,039
NFIP Claims	22
Claims within the SFHA	19
Claims outside of the SFHA	3
Paid Claims	\$ 330,729
Repetitive Loss Structures	1
Repetitive Loss Claims	2
Rep Loss Structures within SFHA	1
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 44,538

## Rio San Jose



**Risk Rank: Medium**

### Description

The Rio San Jose watershed is at medium risk of wildfire. The community of Bluewater Lake was identified as high risk in the local Community Wildfire Protection Plan. A collection of federal agencies anticipates collecting lidar in FY 2017.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar in FY 2017.

### Counties

Catron, Cibola, McKinley, Socorro, Valencia

### Communities

Grants, Milan

### Tribal Nations

Laguna Pueblo, Navajo Nation, Acoma Pueblo

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

Bluewater Lake

### Watershed 13020207

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	26%
Low	37%
Moderate	30%
High	1%
Very High	0%
Non-Burnable	6%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	2
Acres Burned 2006-2016	125

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.28%
Intermix	3.26%
Acres	
Interface	4,703
Intermix	54,124
WUI Addressed Structures	699

#### Communities at Risk from Wildland Fire

High Risk	1
Medium Risk	4
Low Risk	3

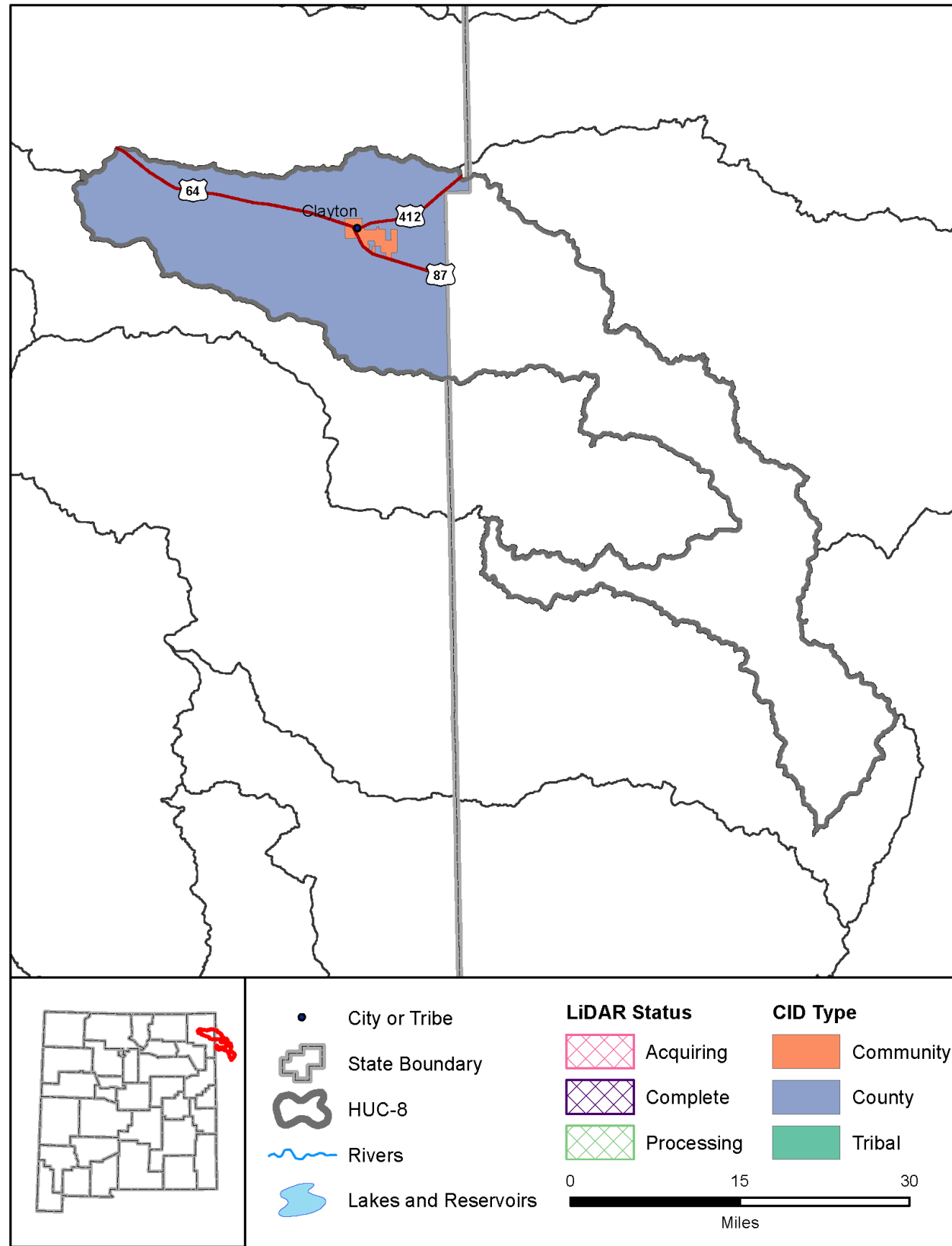
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	24
Very High Priority	6

#### Vegetation Treatments 2006-2016

Acres Treated	32,000
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## Rita Blanca



### Description

The Rita Blanca watershed is home to approximately 3,000 people along the northeastern border of New Mexico. The watershed contains the Rabbit Ear Mesa, Black Canyon, and the Apache Valley in its northern area. The primary hydrographic features are Perico and Apache Creek. There is no FIRM data for the watershed and only a small area with FHBM data outside of Clayton. No lidar data is available. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Texas.

### Lidar Data Availability

No significant lidar available.

### Counties

Union

### Communities

Clayton

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11090103

#### Watershed Characteristics

Area (sq mi)	1,095
Population in NM	2,979
CNMS Streams (mi)	0
Maximum Elevation (feet)	6,508
Minimum Elevation (feet)	4,576
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	39.14 %
Private	70.83 %
State	16.84 %
Tribal	0 %
Federal	12.31 %
States	NM, TX, OK

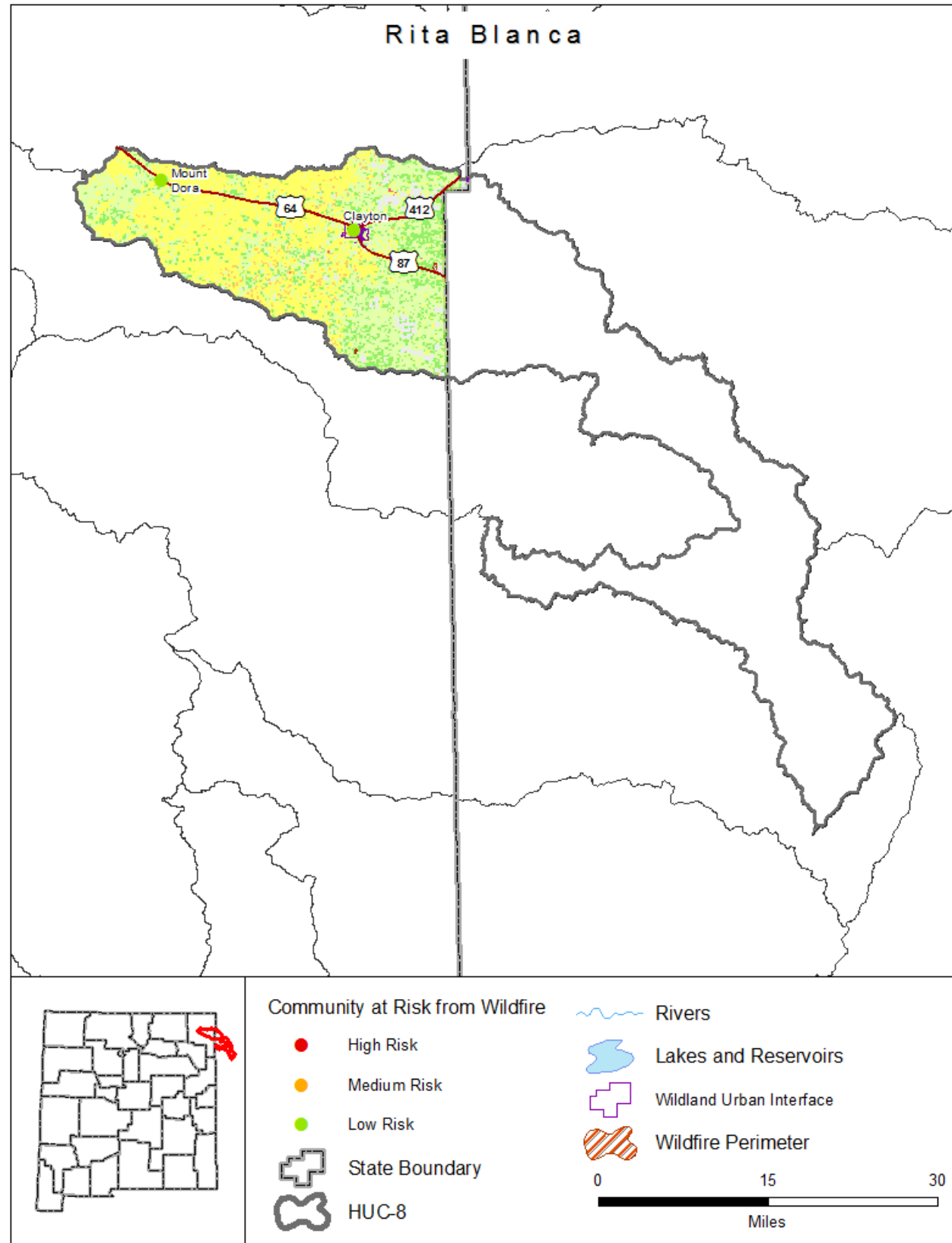
#### Flood Maps

DFIRM Available	No
FHBM Available	Yes

#### NFIP Statistics

CID Communities	2
NFIP Communities	1
NFIP Policies	2
Policies within the SFHA	0
Policies outside of the SFHA	2
NFIP Premium Total	\$ 824
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Rita Blanca



**Risk Rank: Medium**

**Description**

The Rita Blanca watershed is at medium risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Union

**Communities**

Clayton

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 11090103**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	16%
Low	37%
Moderate	40%
High	2%
Very High	0%
Non-Burnable	5%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	2
Acres Burned 2006-2016	129

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.21%
Intermix	0.5%
	Acres
Interface	583
Intermix	1,374
WUI Addressed Structures	24

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	2

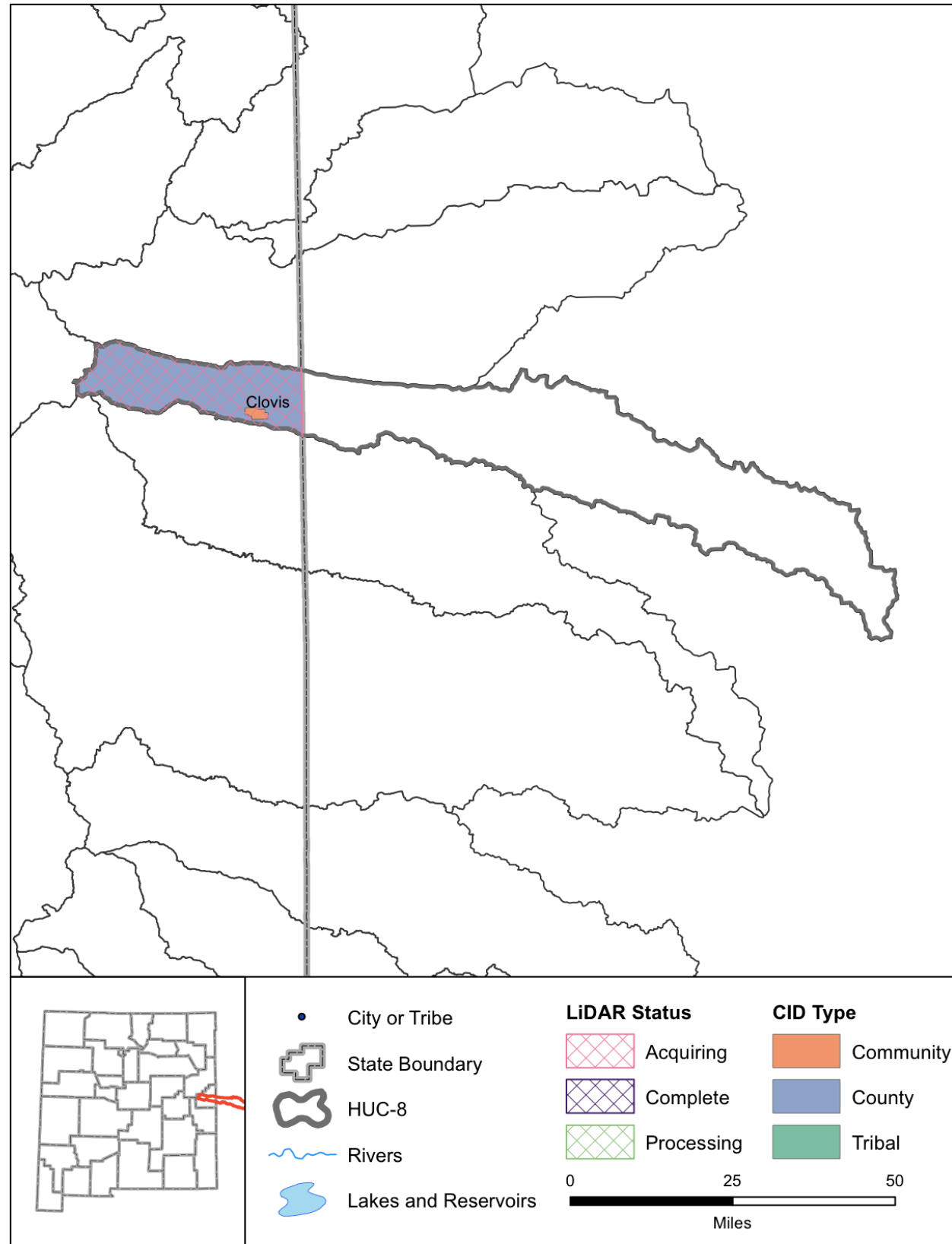
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	2,560
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## Running Water Draw



### Description

The Running Water Draw watershed is home to approximately 1,800 people along the eastern border of New Mexico. The watershed is part of the eastern plains. Within New Mexico, hydrologic features consists of multiple areas with intermittent ponds/lakes. Extensive FIRM data exists within the watershed. Lidar data is anticipated being collected in 2015 for regulatory and non-regulatory flood risk projects. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Texas.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for the western portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Curry

### Communities

Clovis

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 12050005

#### Watershed Characteristics

Area (sq mi)	1,515
Population in NM	1,803
CNMS Streams (mi)	55
Maximum Elevation (feet)	4,748
Minimum Elevation (feet)	4,134
High Hazard Potential Dams	0
Significant Hazard Potential Dams	1
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	19.57 %
Private	95.16 %
State	4.76 %
Tribal	0 %
Federal	0 %
States	NM, TX

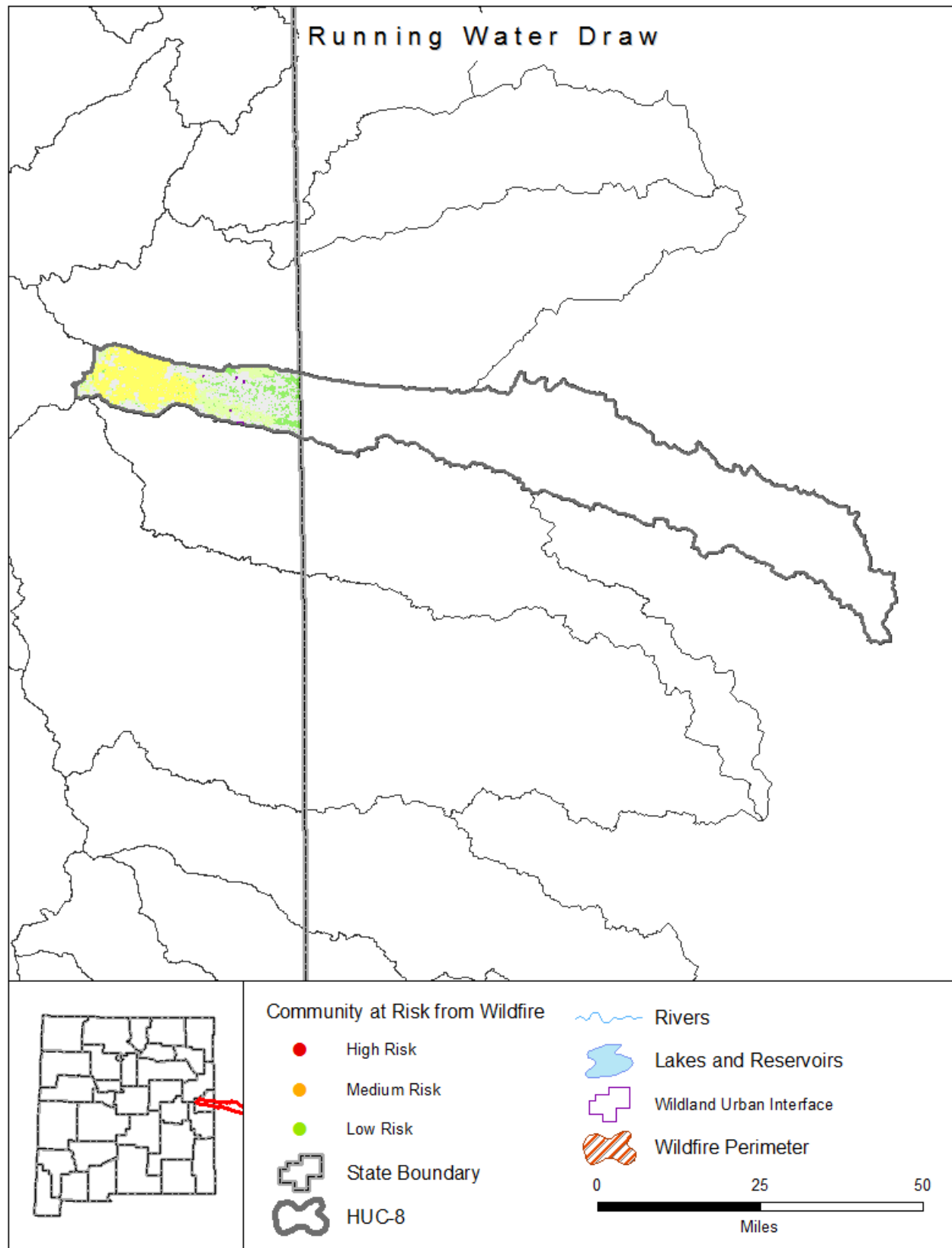
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	2
NFIP Communities	2
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Running Water Draw



**Risk Rank:** Low

### Description

The Running Water Draw is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. Lidar for the New Mexico portion of the watershed was collected in 2015.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for the western portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Curry

### Communities

Clovis

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

None.

### Watershed 12050005

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	10%
Low	18%
Moderate	31%
High	0%
Very High	0%
Non-Burnable	41%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	0
Acres Burned 2006-2016	0

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.16%
Intermix	0.03%
	Acres
Interface	296
Intermix	48
WUI Addressed Structures	2

#### Communities at Risk from Wildland Fire

High Risk	0
Medium Risk	0
Low Risk	0

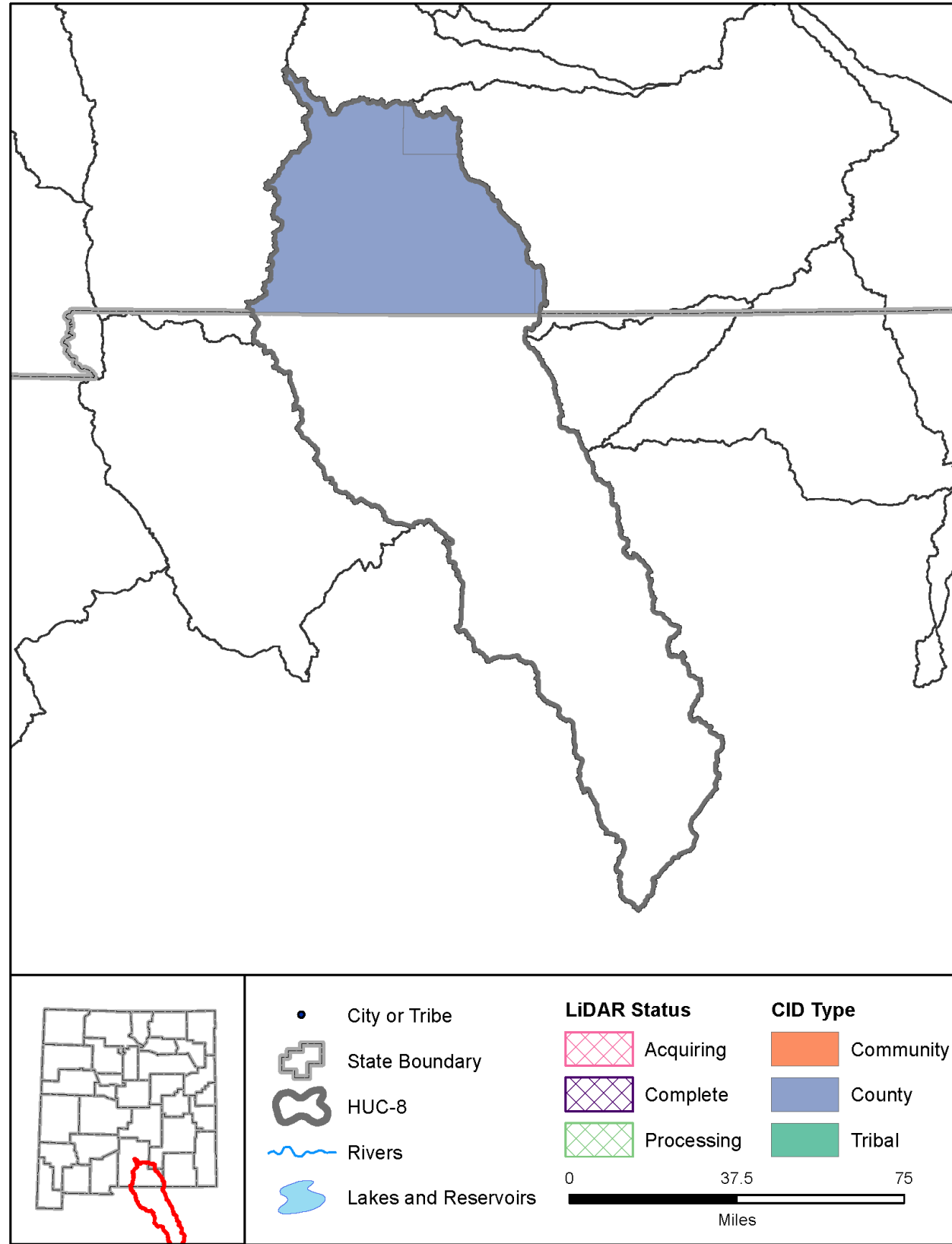
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	0
Very High Priority	0

#### Vegetation Treatments 2006-2016

Acres Treated	0
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## Salt Basin



### Description

The Salt Basin watershed is home to approximately 2,500 people along the southern border of New Mexico. The watershed has significant topograph relief from the Sacramento Mountains. Pinon Creek is the primary hydrologic feature with many smaller tributaries. FIRM data is extensive throughout the watershed but no lidar is available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Chaves, Eddy, Otero

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_065978.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_065978.pdf)

## Watershed 13050004

### Watershed Characteristics

Area (sq mi)	7,915
Population in NM	2,449
CNMS Streams (mi)	464
Maximum Elevation (feet)	9,720
Minimum Elevation (feet)	3,601
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

### Ownership

Percent in New Mexico	29.82 %
Private	17.65 %
State	16.22 %
Tribal	0 %
Federal	66.12 %
States	NM, TX

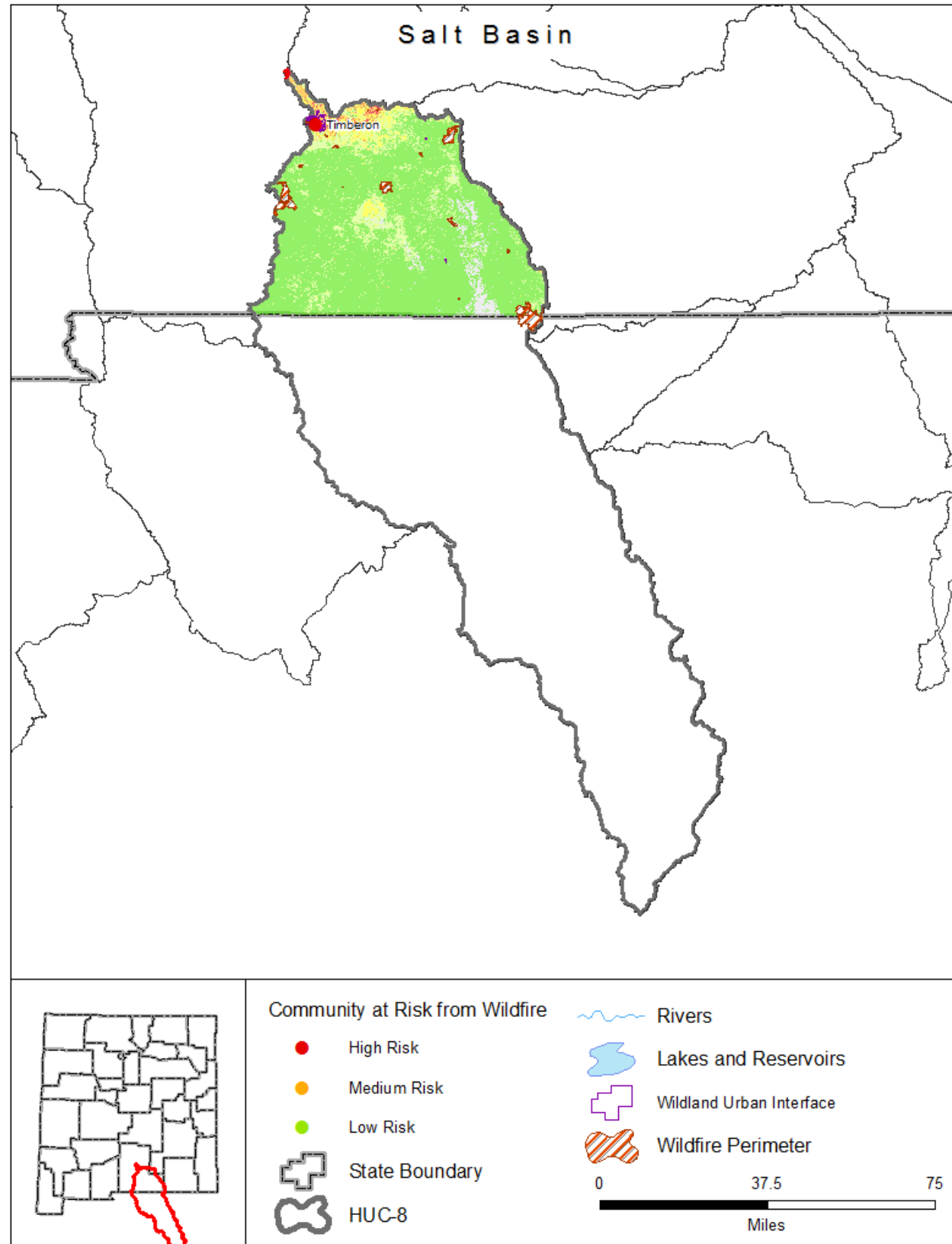
### Flood Maps

DFIRM Available	Yes
FHBM Available	No

### NFIP Statistics

CID Communities	3
NFIP Communities	3
NFIP Policies	3
Policies within the SFHA	1
Policies outside of the SFHA	2
NFIP Premium Total	\$ 1,601
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Salt Basin



**Risk Rank: Medium**

**Description**

The Salt Basin watershed is at medium risk of wildfire. The community of Timberon was identified as high risk in the local Community Wildfire Protection Plan. A total of 21,925 acres have burned during 37 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Chaves, Eddy, Otero

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Timberon

**Watershed 13050004**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	77%
Low	13%
Moderate	4%
High	2%
Very High	1%
Non-Burnable	3%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	37
Acres Burned 2006-2016	21,925

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.02%
Intermix	0.38%
	Acres
Interface	295
Intermix	5,736
WUI Addressed Structures	143

**Communities at Risk from Wildland Fire**

High Risk	1
Medium Risk	0
Low Risk	0

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

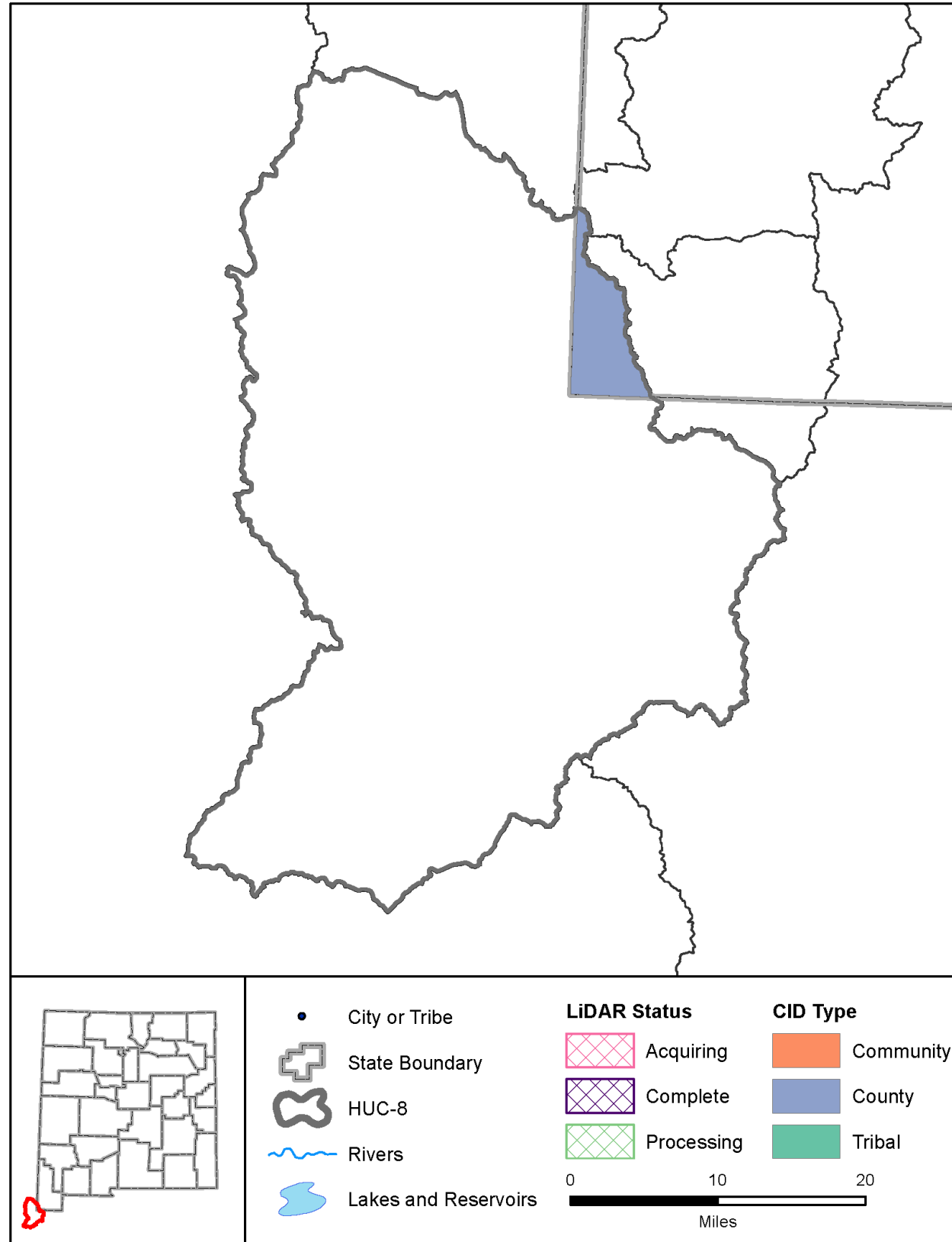
High Priority	2
Very High Priority	1

**Vegetation Treatments 2006-2016**

Acres Treated	87,680
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## San Bernardino Valley



### Description

The San Bernardino Valley watershed is home to fewer than 100 people and is located on the southwestern border of New Mexico within the Guadalupe Mountains. Approximately 3% of the watershed is within New Mexico. The New Mexico portion of the watershed is comprised of smaller intermittent tributaries. There is no FIRM data or FHBM data within the watershed and no large area lidar data. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Hidalgo

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066993.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066993.pdf)

### Watershed 15080302

#### Watershed Characteristics

Area (sq mi)	1,387
Population in NM	54
CNMS Streams (mi)	0
Maximum Elevation (feet)	6,478
Minimum Elevation (feet)	4,352
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	2.7 %
Private	25.55 %
State	0 %
Tribal	0 %
Federal	73.96 %
States	AZ, MX, NM

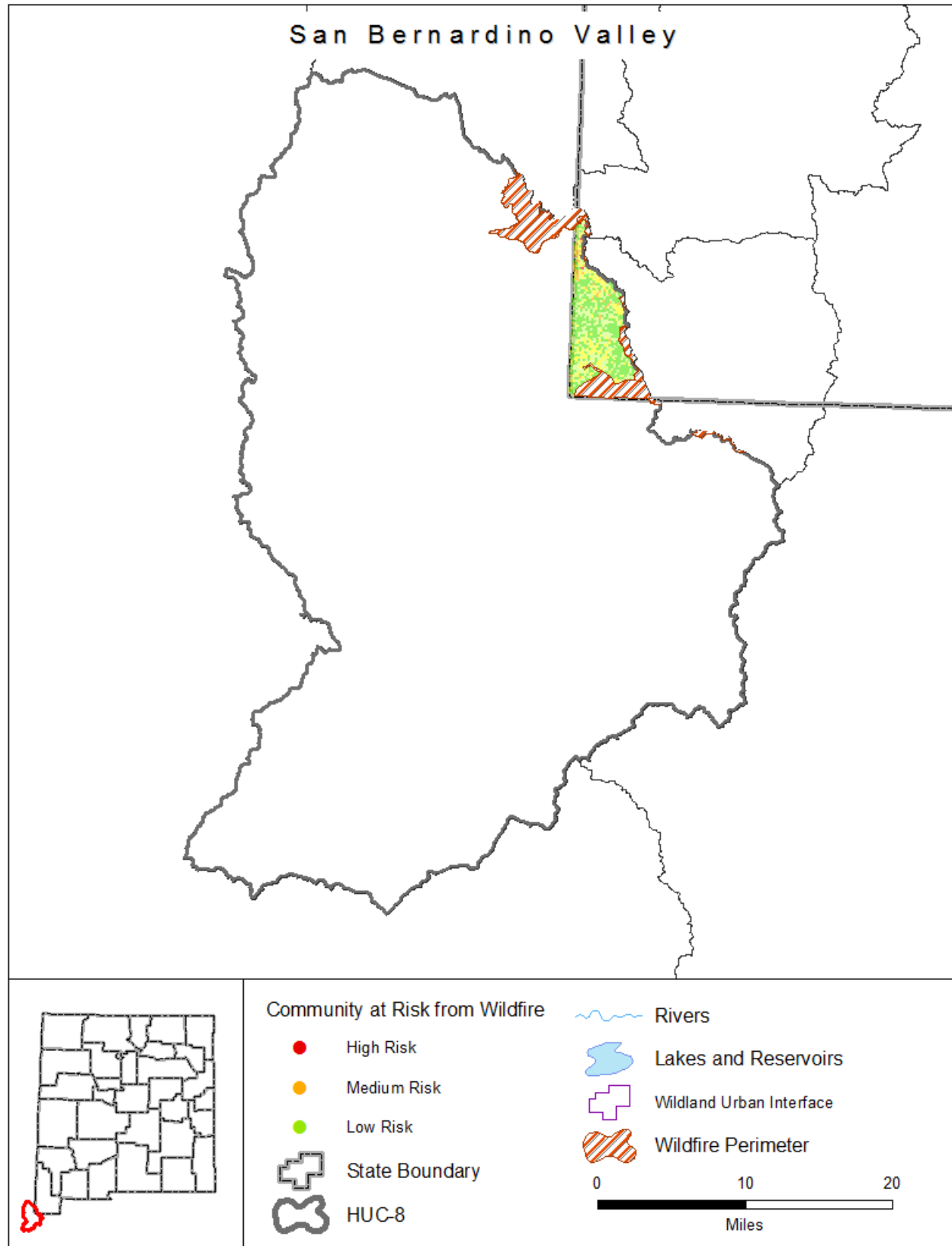
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	1
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### San Bernardino Valley



**Risk Rank:** Low

**Description**

The San Bernardino Valley is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 5,840 acres have burned during 8 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Hidalgo

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

**Communities at High Risk of Wildland Fire**  
None.

**Watershed 15080302**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	49%
Low	31%
Moderate	17%
High	3%
Very High	0%
Non-Burnable	0%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	8
Acres Burned 2006-2016	5,840

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
	Acres
Interface	0
Intermix	0
WUI Addressed Structures	0

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

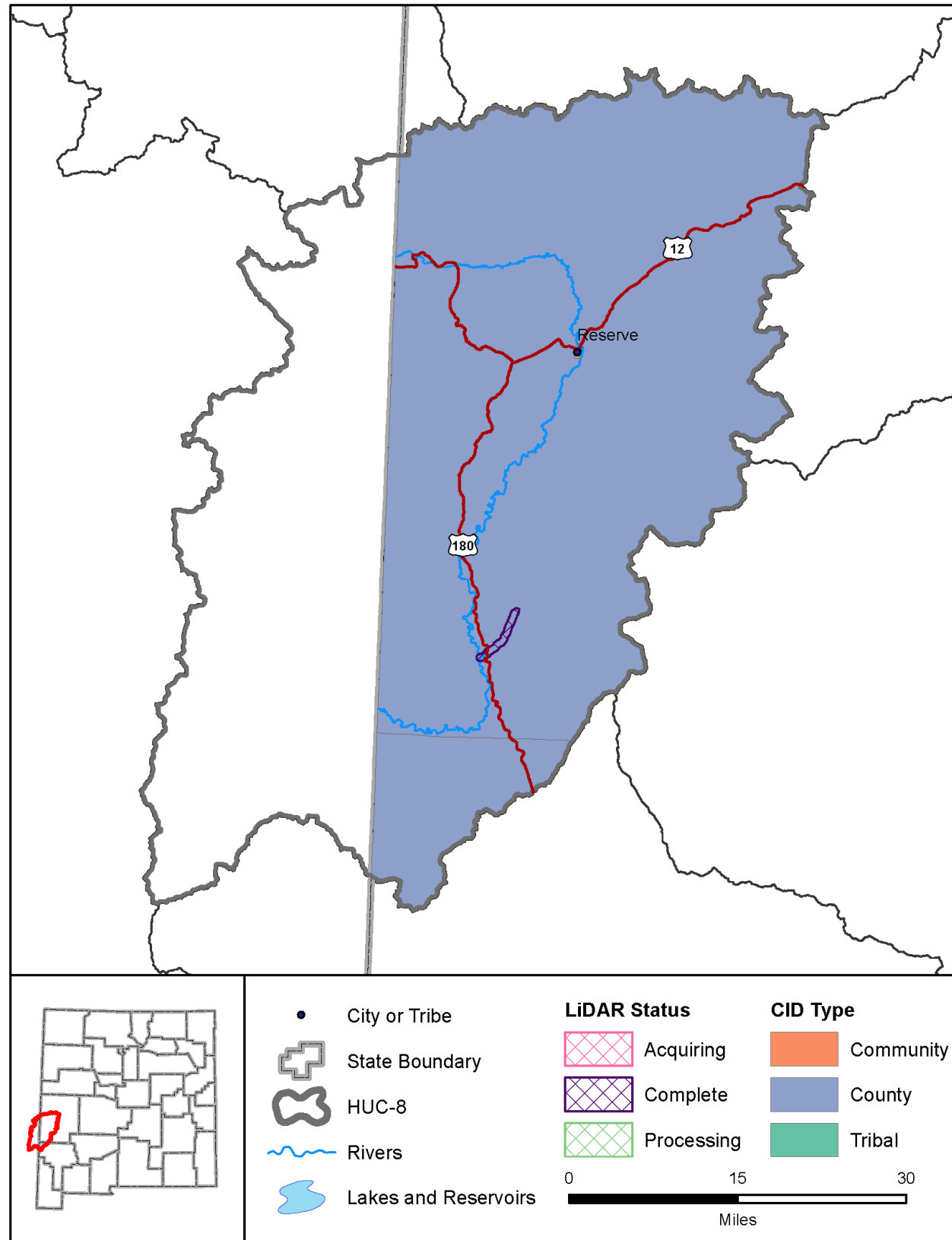
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## San Francisco



### Description

The San Francisco watershed is home to approximately 2,000 people and is located on the western border of New Mexico in the San Francisco Mountains. The watershed is primarily federal land. The primary hydrologic feature is the San Francisco River with smaller intermittent tributaries. There is limited FIRM data and FHBM data within the watershed. Limited lidar is available for Whitewater Creek from the USACE in 2013. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

The USACE collected post-wildfire lidar data for Whitewater Creek in 2013.

### Counties

Catron, Grant

### Communities

Reserve

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_068021.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_068021.pdf)

### Watershed 15040004

#### Watershed Characteristics

Area (sq mi)	2,809
Population in NM	1,961
CNMS Streams (mi)	50
Maximum Elevation (feet)	10,945
Minimum Elevation (feet)	4,145
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	66.48 %
Private	7.7 %
State	0.27 %
Tribal	0 %
Federal	92.02 %
States	AZ, NM

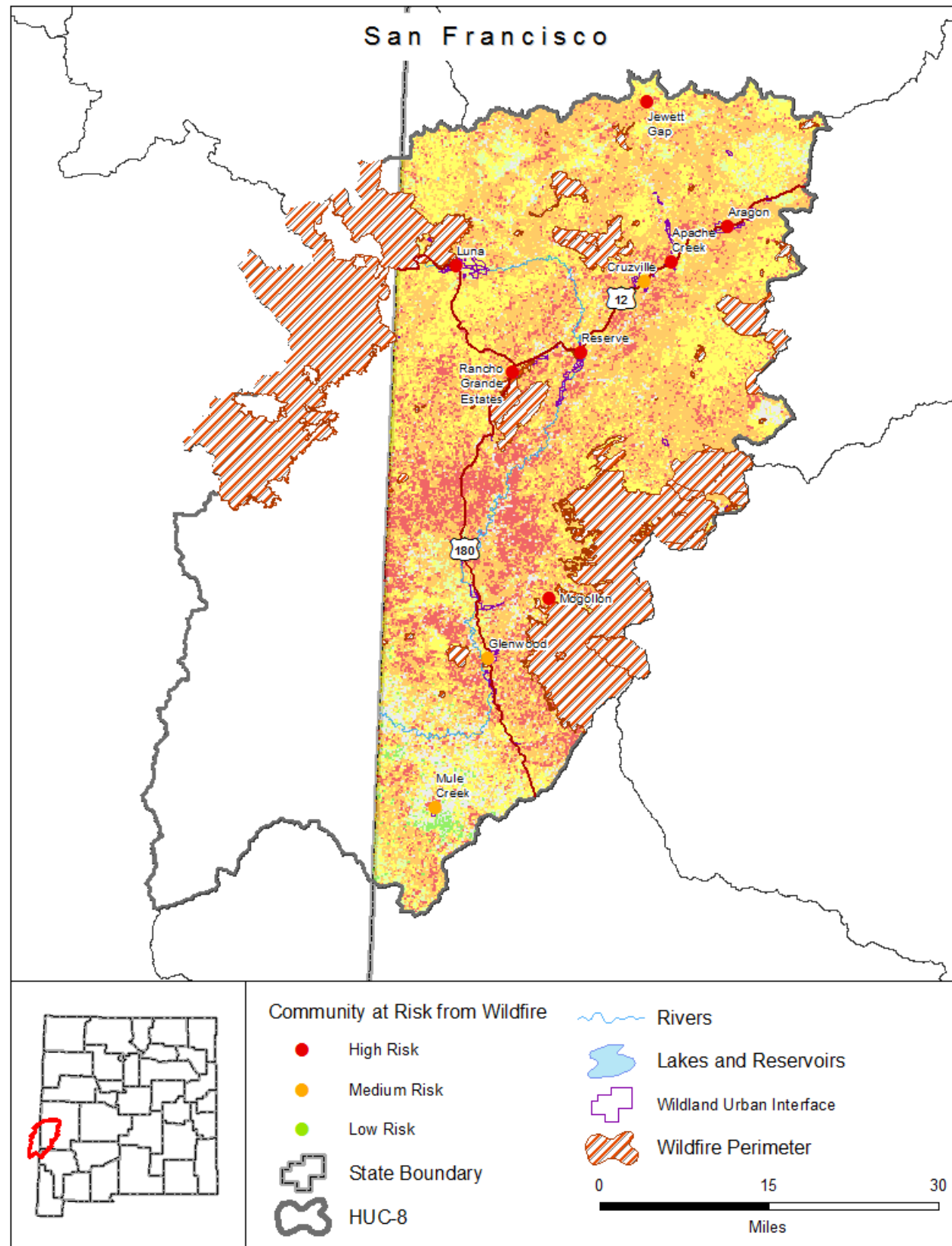
#### Flood Maps

DFIRM Available	Yes
FHBM Available	Yes

#### NFIP Statistics

CID Communities	3
NFIP Communities	3
NFIP Policies	43
Policies within the SFHA	1
Policies outside of the SFHA	42
NFIP Premium Total	\$ 23,153
NFIP Claims	4
Claims within the SFHA	0
Claims outside of the SFHA	4
Paid Claims	\$ 76,085
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## San Francisco



**Risk Rank: High**

### Description

The San Francisco watershed is at high risk of wildfire. The communities of Apache Creek, Aragon, Jewett Gap, Luna, Mogollon, Rancho Grande Estates, and Reserve were identified as high risk in the local Community Wildfire Protection Plan. A total of 210,207 acres have burned during 119 wildfire events over the last ten years. A portion of the watershed has been modeled by the United States Geological Survey for Potential postwildfire debris-flow hazards as part of a study after the Whitewater-Baldy fire that burned 100,808 acres in 2012.

### Lidar Data Availability

The USACE collected post-wildfire lidar data for Whitewater Creek in 2013.

### Counties

Catron, Grant

### Communities

Reserve

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

Tillery, A.C., Matherne, A.M., and Verdin K.L., 2012, Estimated probability of postwildfire debris flows in the 2012 Whitewater-Baldy Fire burn area, southwestern New Mexico: U.S. Geological Survey Open-File Report 2012-1188, 11 p., 3 pls.

### Communities at High Risk of Wildland Fire

Apache Creek, Aragon, Jewett Gap, Luna, Mogollon, Rancho Grande Estates, Reserve

### Watershed 15040004

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	1%
Low	4%
Moderate	29%
High	46%
Very High	14%
Non-Burnable	5%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	119
Acres Burned 2006-2016	210,207

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.01%
Intermix	0.68%
Acres	
Interface	158
Intermix	8,119
WUI Addressed Structures	150

#### Communities at Risk from Wildland Fire

High Risk	7
Medium Risk	3
Low Risk	0

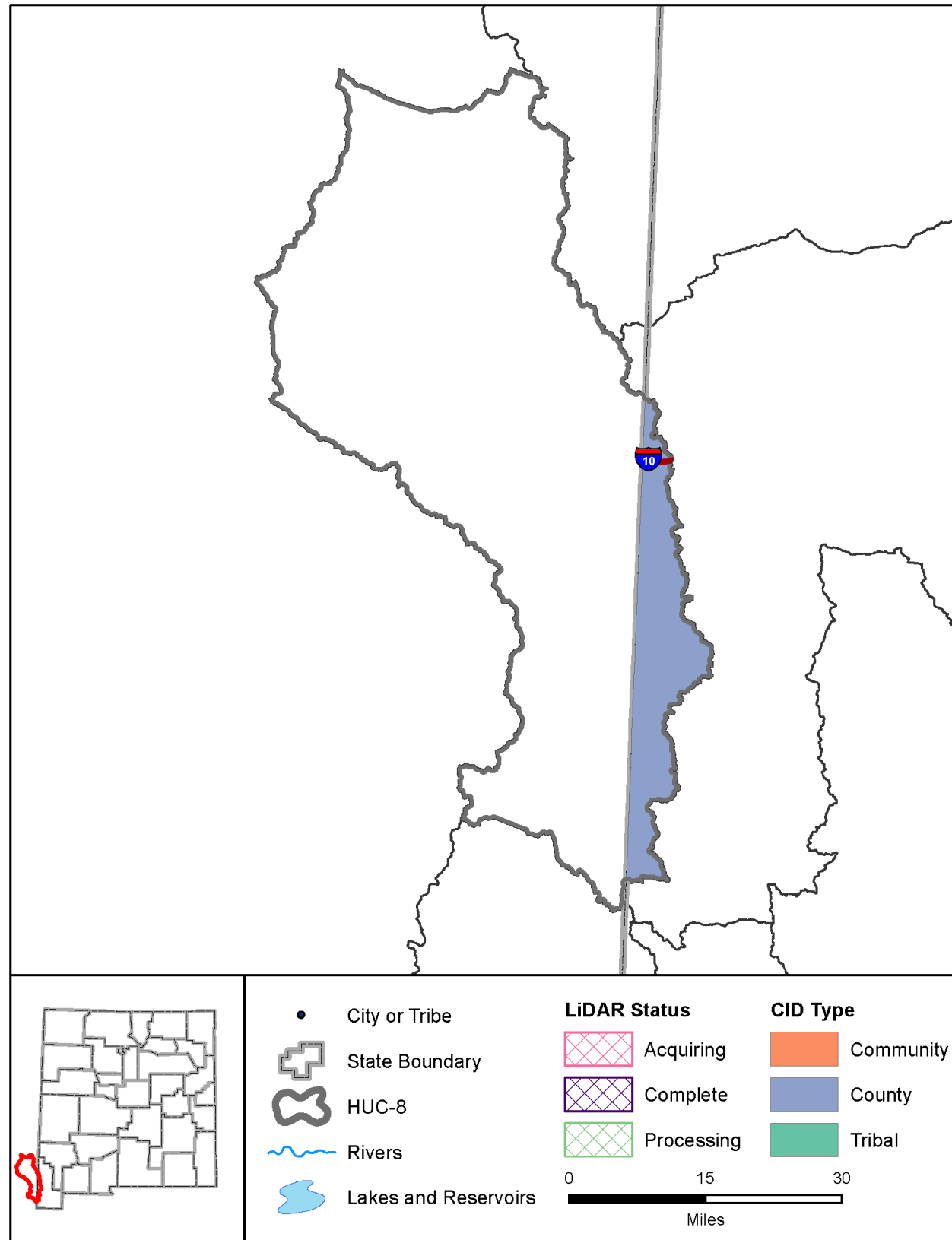
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	33
Very High Priority	15

#### Vegetation Treatments 2006-2016

Acres Treated	291,200
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## San Simon



### Description

The San Simon watershed is home to approximately 500 people and is located on the western border of New Mexico within the Peloncillo Mountains. Approximately 10% of the watershed is within New Mexico. The San Simon River is the primary hydrologic feature with smaller intermittent tributaries. There is no FIRM data or FHBM data within the watershed and no large area lidar data. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Hidalgo

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/nm/technical/dma/rwa/>

### Watershed 15040006

#### Watershed Characteristics

Area (sq mi)	2,258
Population in NM	511
CNMS Streams (mi)	0
Maximum Elevation (feet)	6,945
Minimum Elevation (feet)	3,894
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	10.37 %
Private	33.33 %
State	10.35 %
Tribal	0 %
Federal	56.32 %
States	AZ, NM

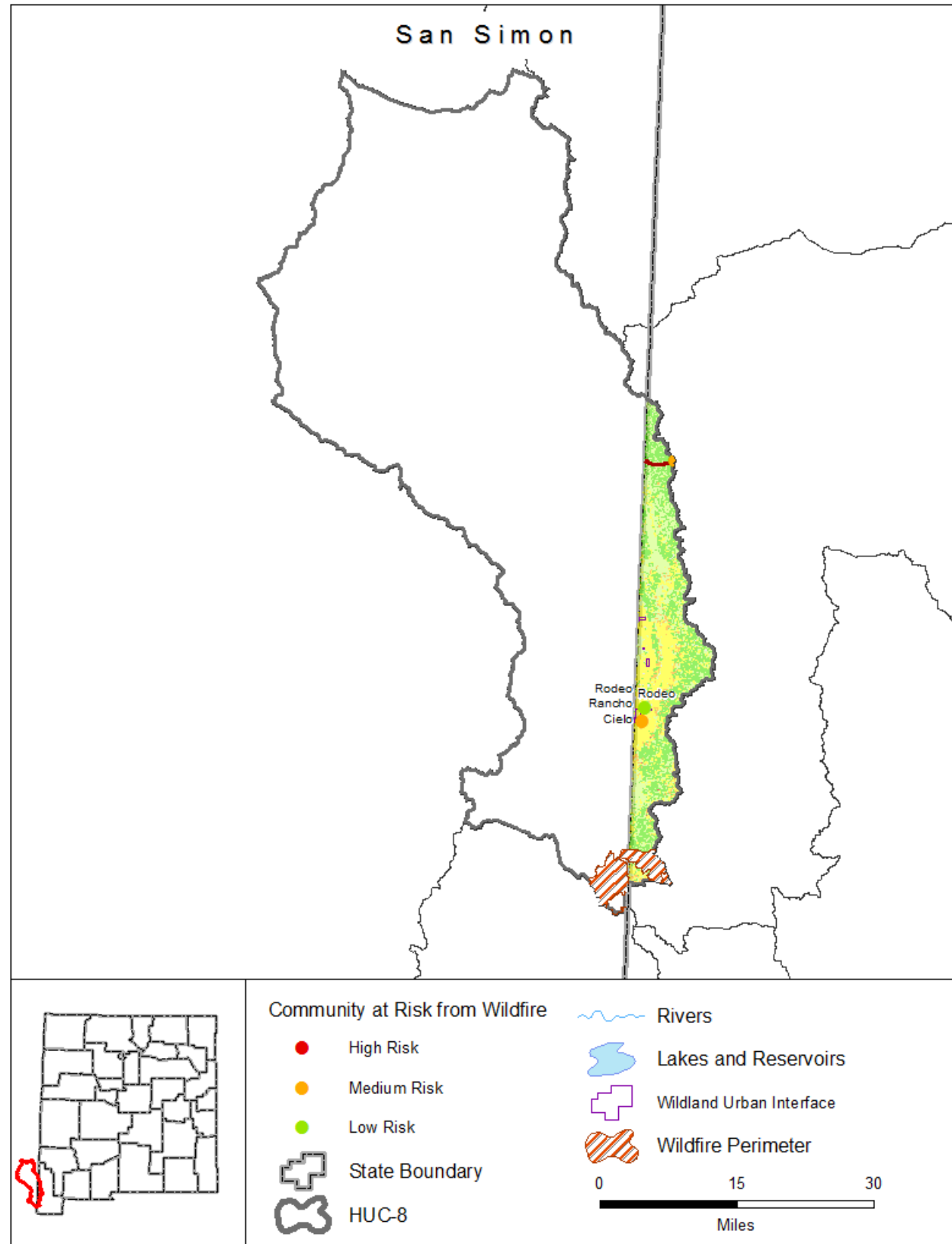
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	1
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## San Simon



**Risk Rank:** Low

**Description**

The San Simon watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 36,455 acres have burned during 6 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Hidalgo

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

**Communities at High Risk of Wildland Fire**  
None.

**Watershed 15040006**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	39%
Low	28%
Moderate	28%
High	4%
Very High	0%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	6
Acres Burned 2006-2016	6,455

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.01%
Intermix	0.51%
	Acres
Interface	22
Intermix	761
WUI Addressed Structures	11

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	1
Low Risk	1

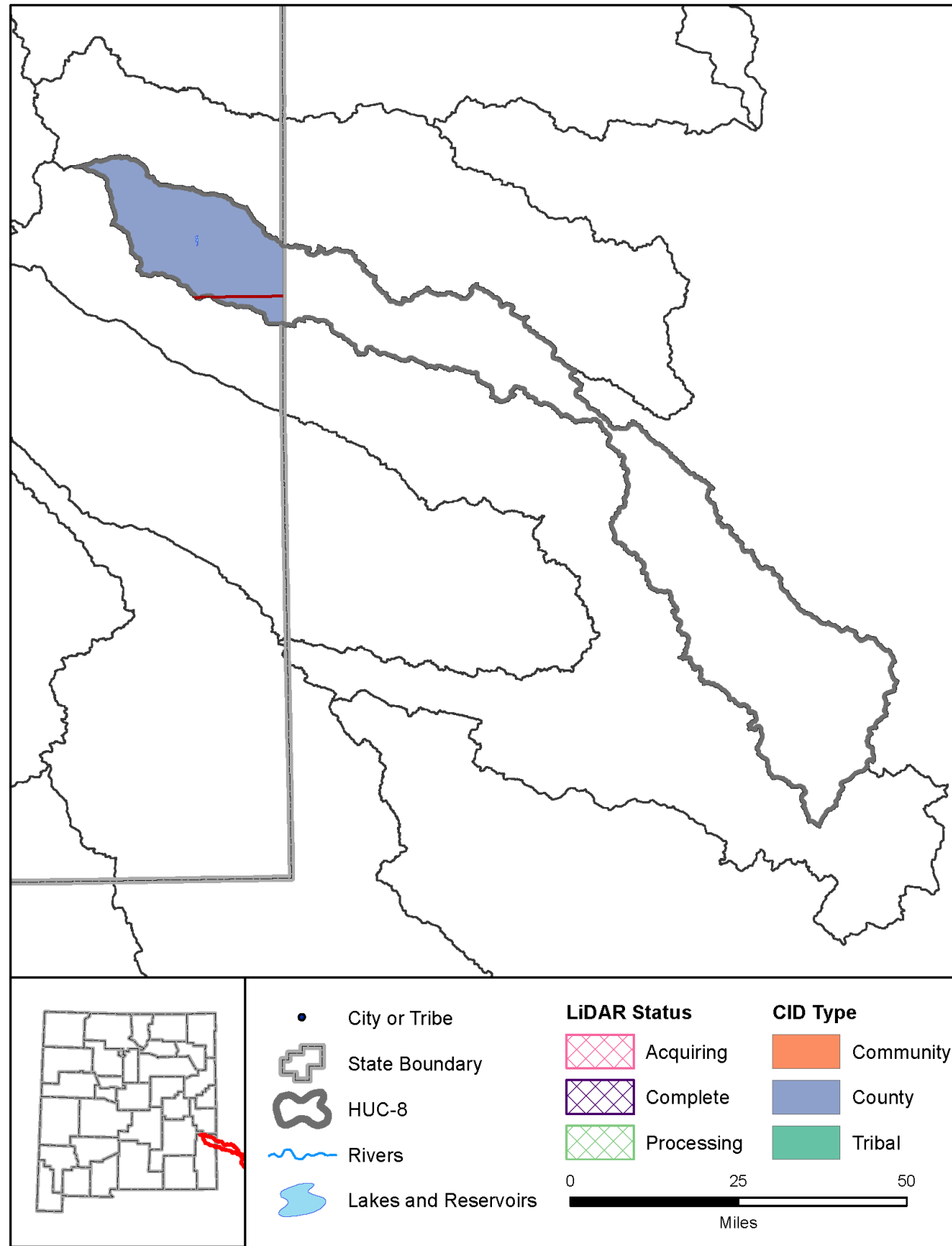
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Sulphur Springs Draw



### Description

The Sulphur Springs watershed is home to approximately 300 people along the southeastern border of New Mexico. The watershed is part of the Llano Estacado (Staked Plain). The primary hydrologic features include Ranger Lake and multiple areas with intermittent ponds/lakes. There is no FIRM or FHBM data. No lidar data is available. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Texas.

### Lidar Data Availability

No significant lidar available.

### Counties

Lea

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_067968.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_067968.pdf)

### Watershed 12080006

#### Watershed Characteristics

Area (sq mi)	1,885
Population in NM	295
CNMS Streams (mi)	0
Maximum Elevation (feet)	4,411
Minimum Elevation (feet)	3,783
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	20.14 %
Private	69.45 %
State	30.5 %
Tribal	0 %
Federal	0.03 %
States	NM, TX

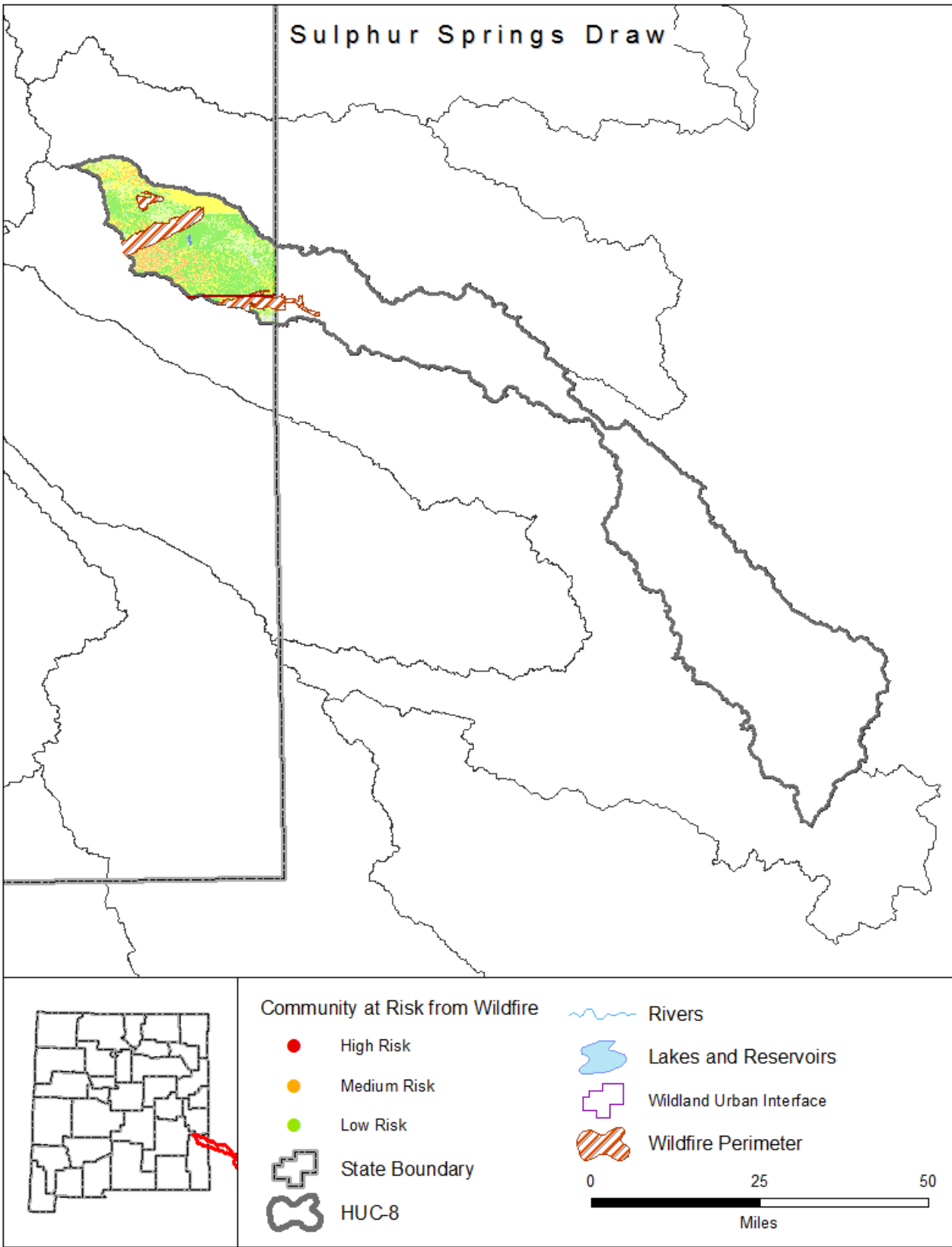
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	1
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Sulphur Springs Draw



**Risk Rank: Medium**

**Description**

The Sulphur Springs watershed is at medium risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 30,231 acres have burned during 3 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Lea

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 12080006**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	41%
Low	18%
Moderate	31%
High	8%
Very High	0%
Non-Burnable	2%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	3
Acres Burned 2006-2016	30,231

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
	Acres
Interface	0
Intermix	1
WUI Addressed Structures	1

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

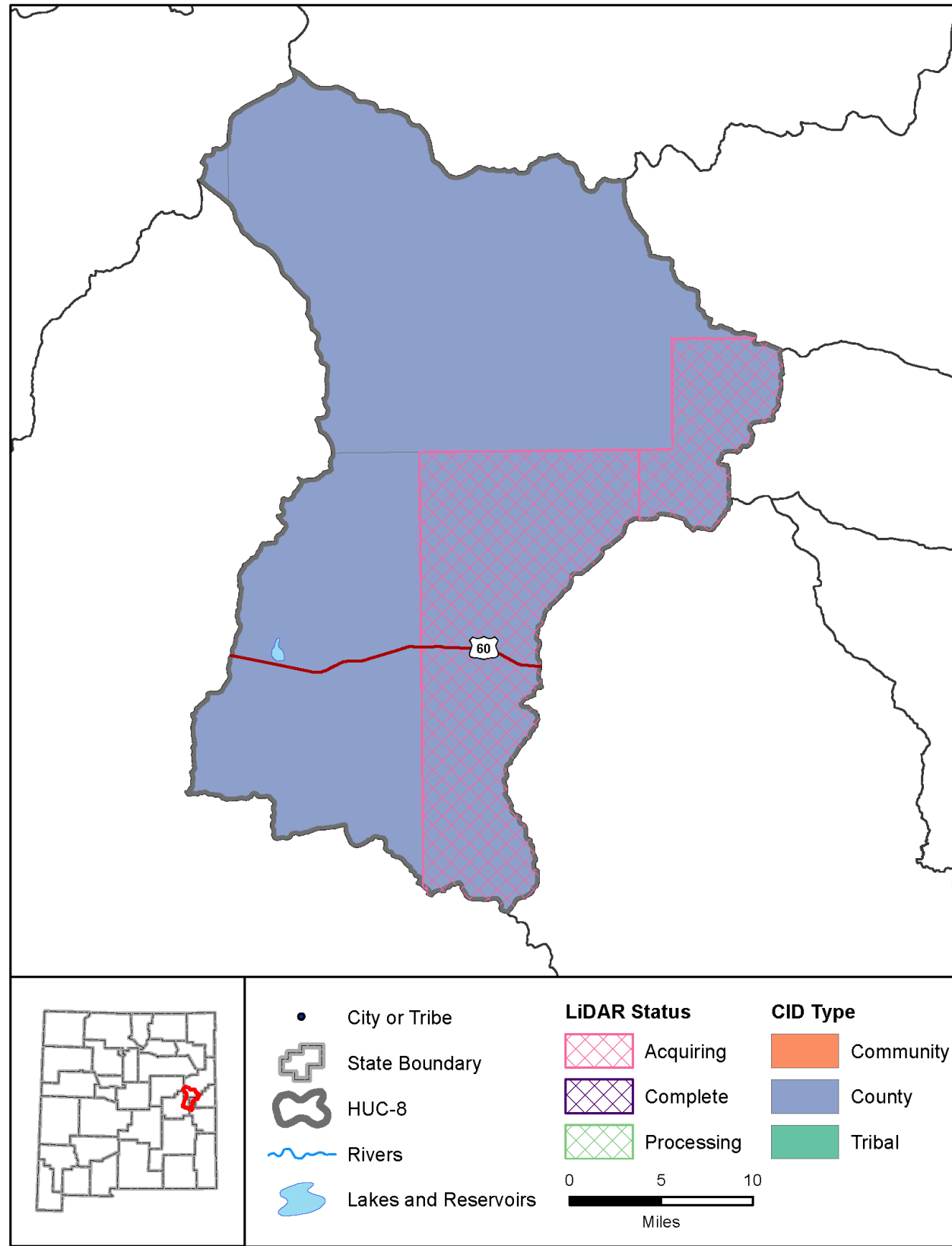
High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	3,200
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## Taiban



### Description

The Taiban watershed is home to fewer than 500 people in the western portion of New Mexico. The watershed has moderate topograph relief with mountains along the southwest border. Taiban and Alamosa Creeks are the primary hydrologic features with many smaller tributaries. FIRM data is limited within Curry County for the watershed. There will be lidar acquired for the eastern part of the watershed in 2015. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for the eastern portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Curry, De Baca, Guadalupe, Quay, Roosevelt

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

## Watershed 13060004

### Watershed Characteristics

Area (sq mi)	805
Population in NM	428
CNMS Streams (mi)	11
Maximum Elevation (feet)	5,412
Minimum Elevation (feet)	3,876
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

### Ownership

Percent in New Mexico	100 %
Private	82.21 %
State	17.77 %
Tribal	0 %
Federal	0.02 %
States	NM

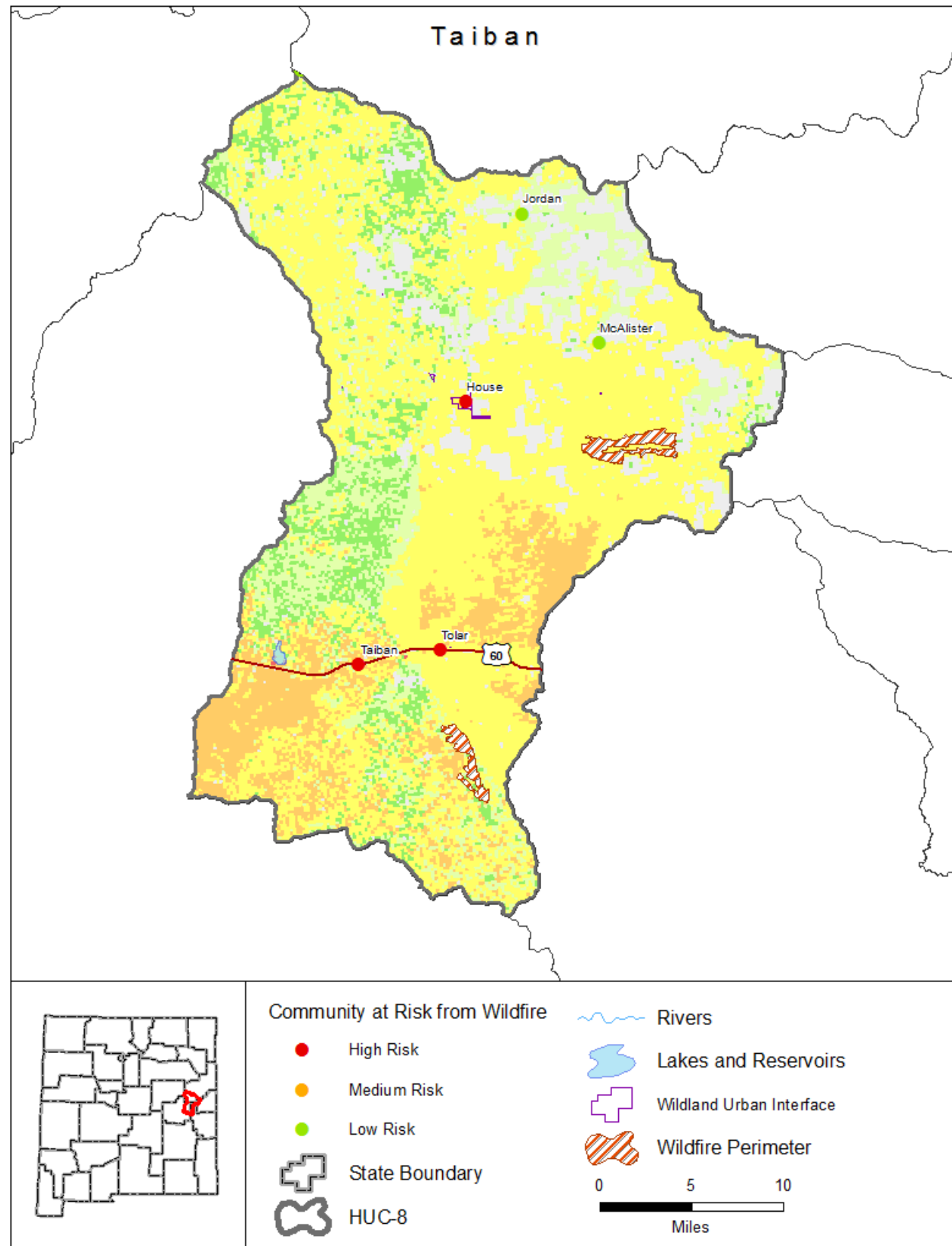
### Flood Maps

DFIRM Available	Yes
FHBM Available	No

### NFIP Statistics

CID Communities	5
NFIP Communities	3
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Taiban



**Risk Rank:** Low

### Description

The Taiban watershed is at low risk of wildfire. The communities of House, Taiban, and Tolar were identified as high risk in the local Community Wildfire Protection Plan. A total of 4,904 acres have burned during 2 wildfire events over the last ten years.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for the eastern portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Curry, De Baca, Guadalupe, Quay, Roosevelt

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

House, Taiban, Tolar

### Watershed 13060004

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	9%
Low	16%
Moderate	52%
High	11%
Very High	%
Non-Burnable	12%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	2
Acres Burned 2006-2016	4,904

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.03%
Intermix	0.06%
	Acres
Interface	156
Intermix	305
WUI Addressed Structures	13

#### Communities at Risk from Wildland Fire

High Risk	3
Medium Risk	0
Low Risk	2

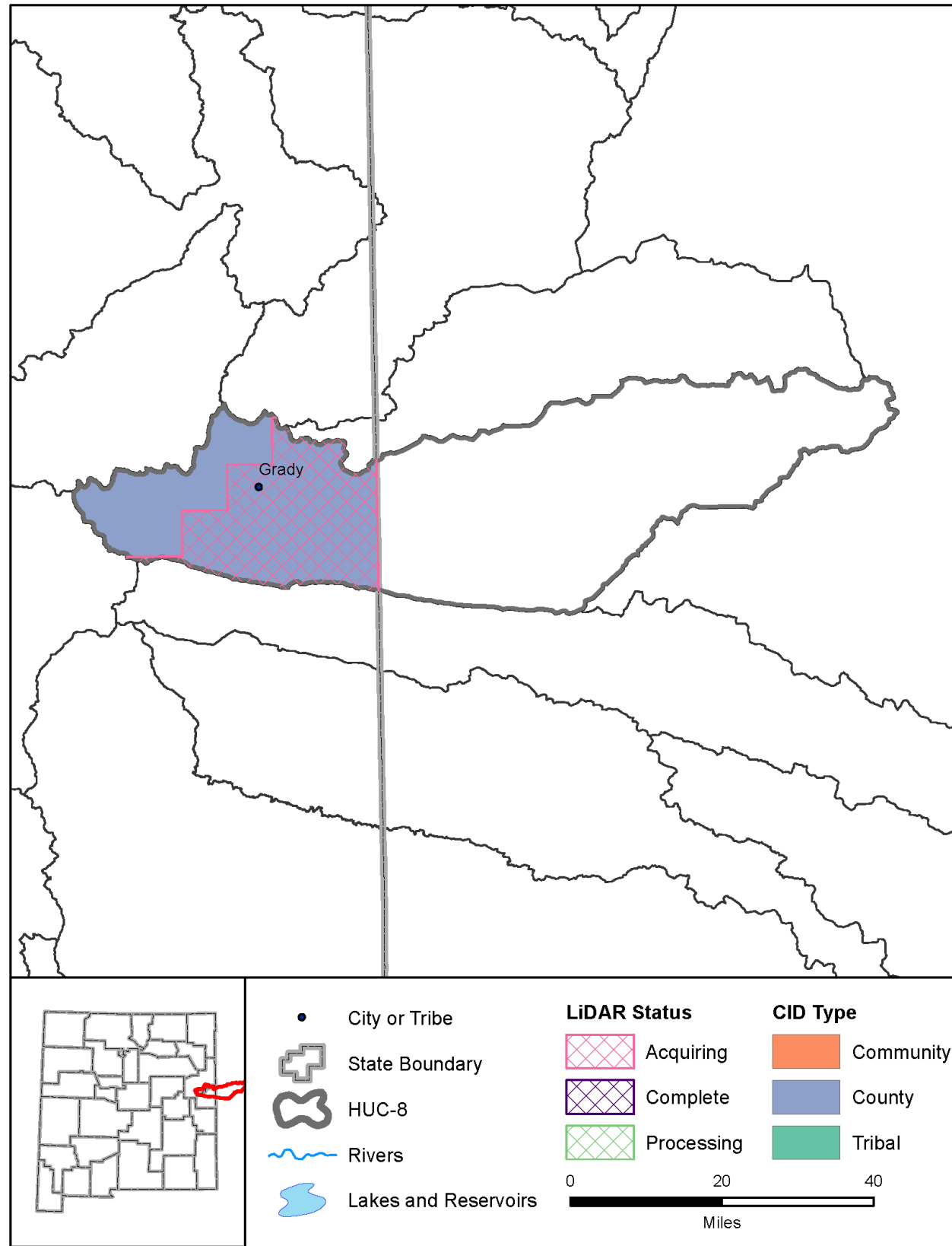
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	0
Very High Priority	0

#### Vegetation Treatments 2006-2016

Acres Treated	0
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## Tierra Blanca



### Description

The Tierra Blanca watershed is home to fewer than 1,000 people along the eastern border of New Mexico. The watershed is part of the eastern plains. The primary hydrographic features, within New Mexico, are Tierra Blanca Creek, Blanco Creek, and intermittent lakes. There is no FIRM data outside of Curry County. Lidar data is anticipated being collected in 2015 for regulatory and non-regulatory flood risk projects. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Texas.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for part of the western portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Curry, Quay

### Communities

Grady

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11120101

#### Watershed Characteristics

Area (sq mi)	1,917
Population in NM	910
CNMS Streams (mi)	83
Maximum Elevation (feet)	4,970
Minimum Elevation (feet)	4,199
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	33.02 %
Private	91.67 %
State	8.32 %
Tribal	0 %
Federal	0 %
States	NM, TX

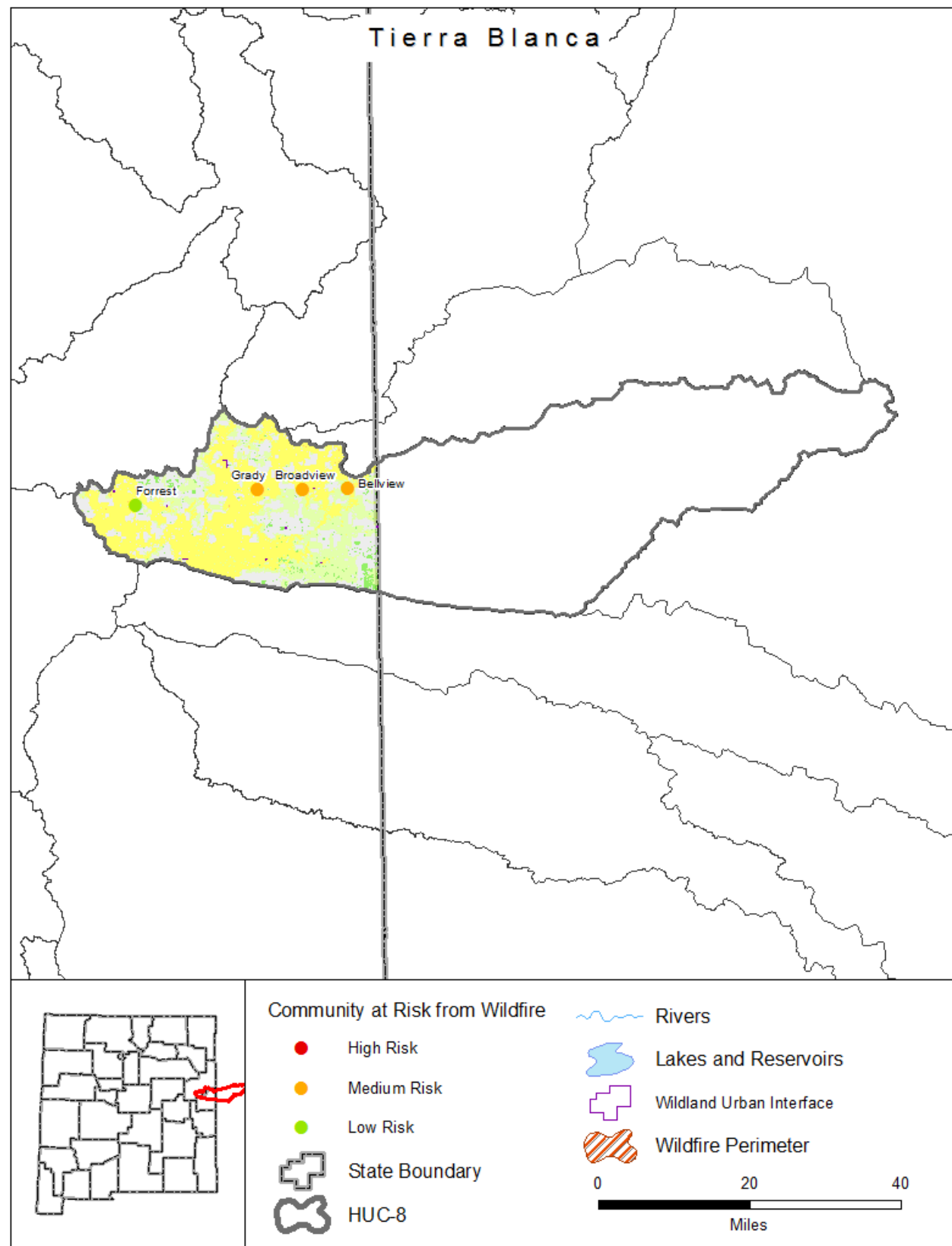
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	3
NFIP Communities	3
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Tierra Blanca



**Risk Rank:** Low

### Description

The Tierra Blanca watershed is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. Lidar data was collected in 2015 by FEMA.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for part of the western portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Curry, Quay

### Communities

Grady

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

None.

### Watershed 11120101

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	3%
Low	23%
Moderate	46%
High	0%
Very High	0%
Non-Burnable	29%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	0
Acres Burned 2006-2016	0

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.03%
Intermix	0.02%
Acres	
Interface	139
Intermix	61
WUI Addressed Structures	9

#### Communities at Risk from Wildland Fire

High Risk	0
Medium Risk	3
Low Risk	1

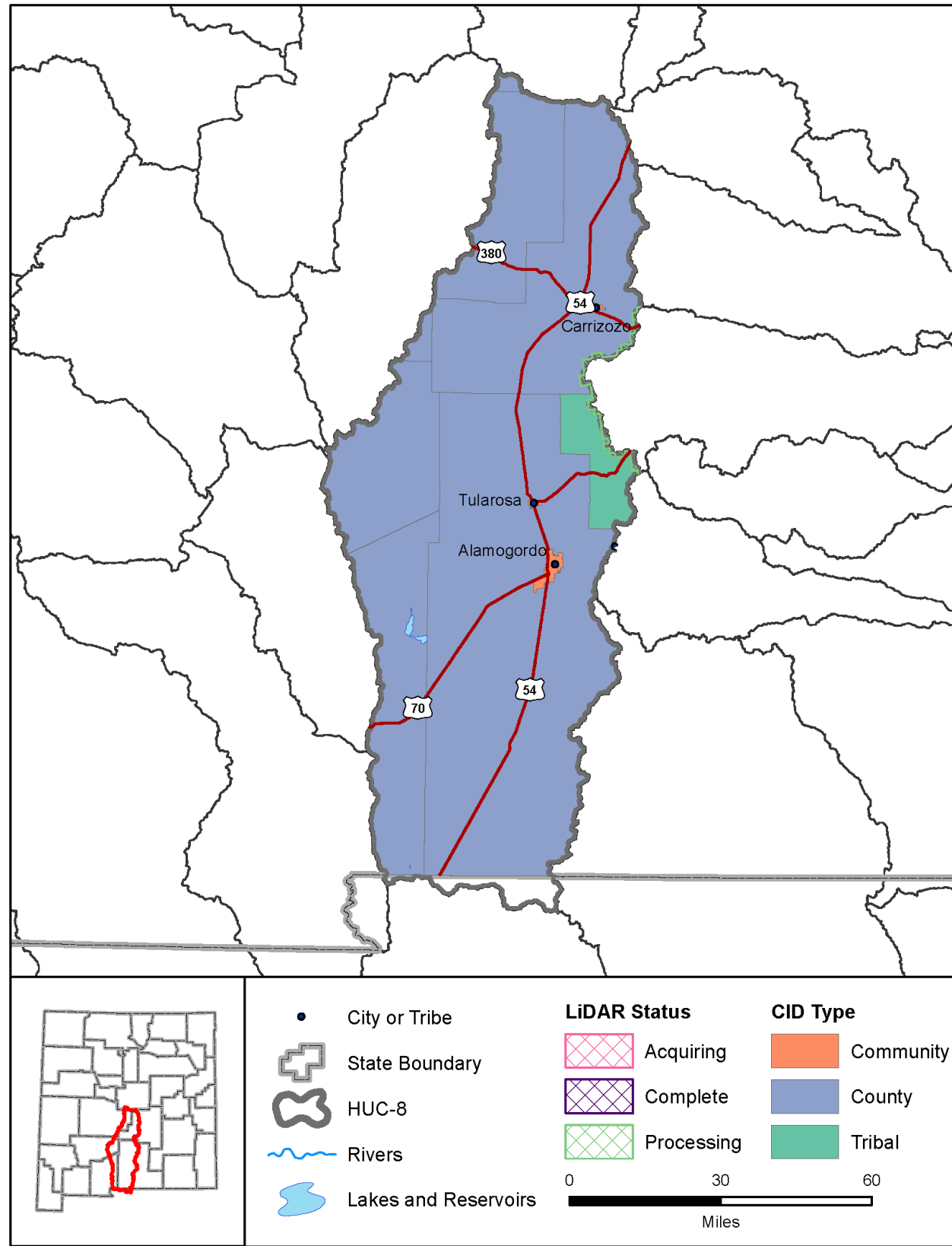
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	0
Very High Priority	0

#### Vegetation Treatments 2006-2016

Acres Treated	0
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## Tularosa Valley



### Description

The Tularosa Valley watershed is home to approximately 73,000 people along the southern border of New Mexico. The watershed has significant topograph relief from the Sacramento Mountains into the Tularosa Valley. Tularosa Creek is the primary hydrologic feature with many smaller tributaries. The watershed has limited FHBM and FIRM data despite being home to tens of thousands of people. No lidar data is available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Dona Ana, Lincoln, Otero, Sierra, Socorro, Torrance

### Communities

Alamogordo, Carrizozo, Cloudcroft, Tularosa

### Tribal Nations

Mescalero Reservation

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066315.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066315.pdf)

### Watershed 13050003

#### Watershed Characteristics

Area (sq mi)	6,708
Population in NM	72,807
CNMS Streams (mi)	730
Maximum Elevation (feet)	11,965
Minimum Elevation (feet)	3,859
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	98.23 %
Private	16.65 %
State	6.21 %
Tribal	3.48 %
Federal	73.66 %
States	NM, TX

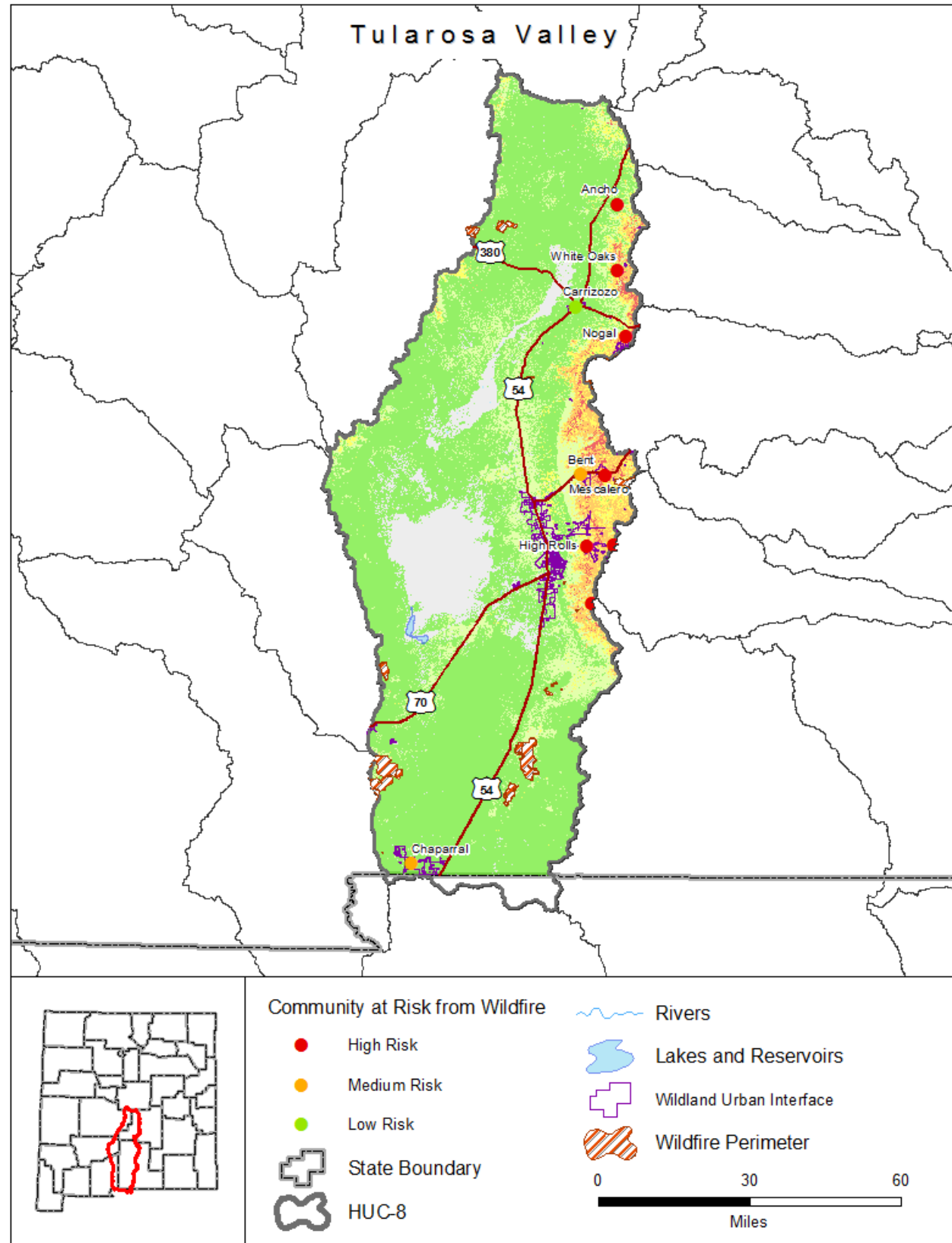
#### Flood Maps

DFIRM Available	Yes
FHBM Available	Yes

#### NFIP Statistics

CID Communities	11
NFIP Communities	10
NFIP Policies	1915
Policies within the SFHA	1553
Policies outside of the SFHA	362
NFIP Premium Total	\$ 1,188,282
NFIP Claims	103
Claims within the SFHA	43
Claims outside of the SFHA	60
Paid Claims	\$ 1,222,929
Repetitive Loss Structures	10
Repetitive Loss Claims	20
Rep Loss Structures within SFHA	3
Rep Loss Structures outside SFHA	7
Repetitive Loss Total	\$ 474,343

## Tularosa Valley



**Risk Rank:** High

### Description

The Tularosa Valley watershed is at high risk of wildfire. The communities of Ancho, Cloudcroft, High Rolls, Mescalero, Nogal, Sunspot Observatory, and White Oaks were identified as high risk in the local Community Wildfire Protection Plan. A total of 49,843 acres have burned during 48 wildfire events over the last ten years. A portion of the watershed has been modeled by the United States Geological Survey for Potential postwildfire debris-flow hazards as part of a postwildfire study of the 2012 Little Bear Fire.

### Lidar Data Availability

No significant lidar available.

### Counties

Dona Ana, Lincoln, Otero, Sierra, Socorro, Torrance

### Communities

Alamogordo, Carrizozo, Cloudcroft, Tularosa

### Tribal Nations

Mescalero Reservation

### Debris Flow Modeling

Tillery, A.C., and Matherne, A.M., 2013, Postwildfire debris-flow hazard assessment of the area burned by the 2012 Little Bear Fire, south-central New Mexico: U.S. Geological Survey Open-File Report 2013-1108, 15 p., 3 pls., <http://pubs.usgs.gov/of/2013/1108/>.

### Communities at High Risk of Wildland Fire

Ancho, Cloudcroft, High Rolls, Mescalero, Nogal, Sunspot Observatory, White Oaks

### Watershed 13050003

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	67%
Low	14%
Moderate	4%
High	4%
Very High	1%
Non-Burnable	10%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	48
Acres Burned 2006-2016	49,843

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.17%
Intermix	1.67%
	Acres
Interface	7,005
Intermix	70,362
WUI Addressed Structures	854

#### Communities at Risk from Wildland Fire

High Risk	7
Medium Risk	2
Low Risk	1

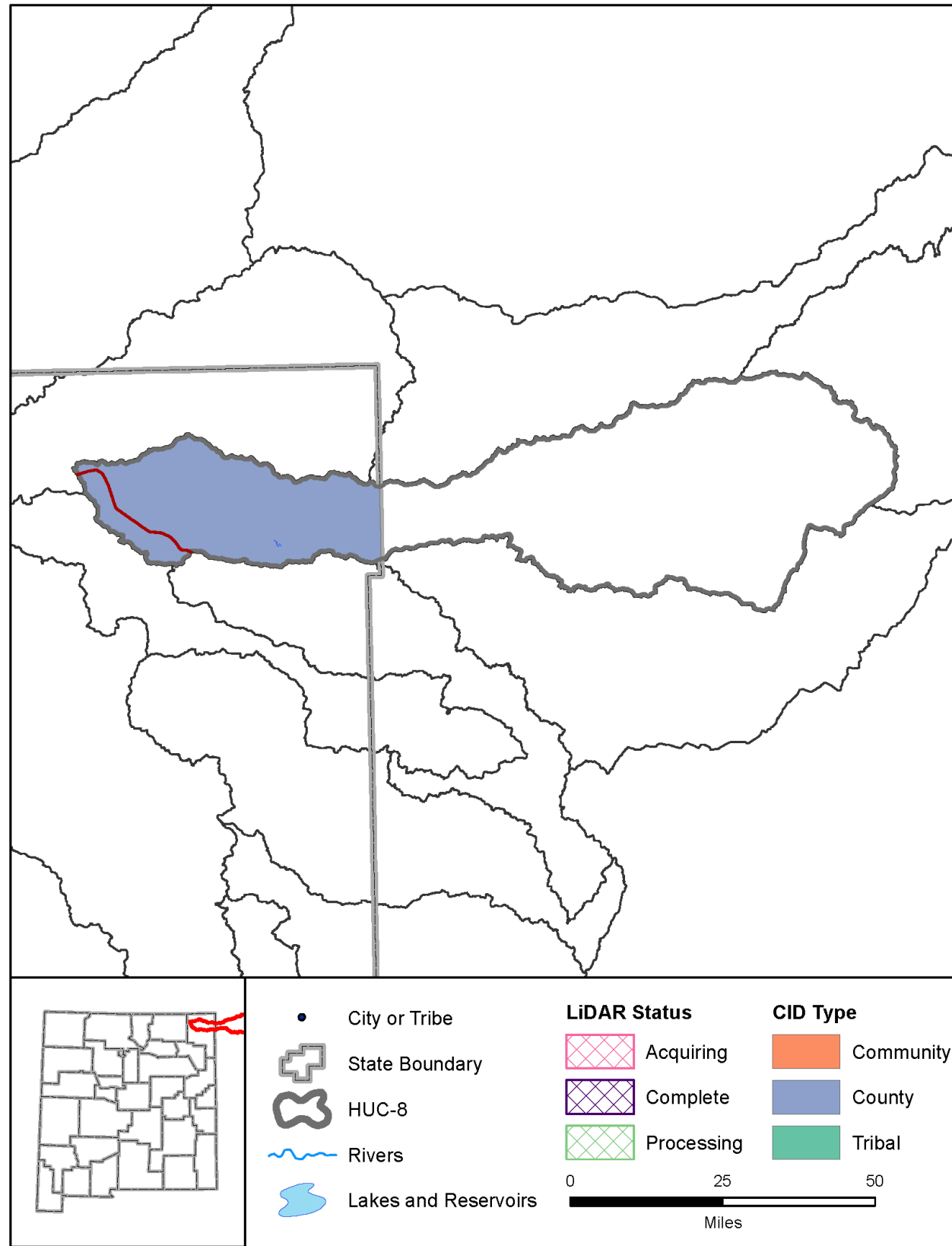
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	17
Very High Priority	5

#### Vegetation Treatments 2006-2016

Acres Treated	62,720
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## Upper Beaver



### Description

The Upper Beaver watershed is home to fewer than 400 people along the northeastern border of New Mexico. The watershed contains a portion of the Sierra Grande Mountains. The primary hydrographic features, within New Mexico, are Seneca Creek, Rafael Creek, and Corrupma Creek. No FHBM or FIRM data is available for the watershed. No lidar data is available. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Oklahoma and Texas.

### Lidar Data Availability

No significant lidar available.

### Counties

Union

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11100101

#### Watershed Characteristics

Area (sq mi)	2,733
Population in NM	328
CNMS Streams (mi)	0
Maximum Elevation (feet)	8,717
Minimum Elevation (feet)	4,631
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	2

#### Ownership

Percent in New Mexico	27.48 %
Private	81.37 %
State	14.22 %
Tribal	0 %
Federal	4.39 %
States	NM, OK

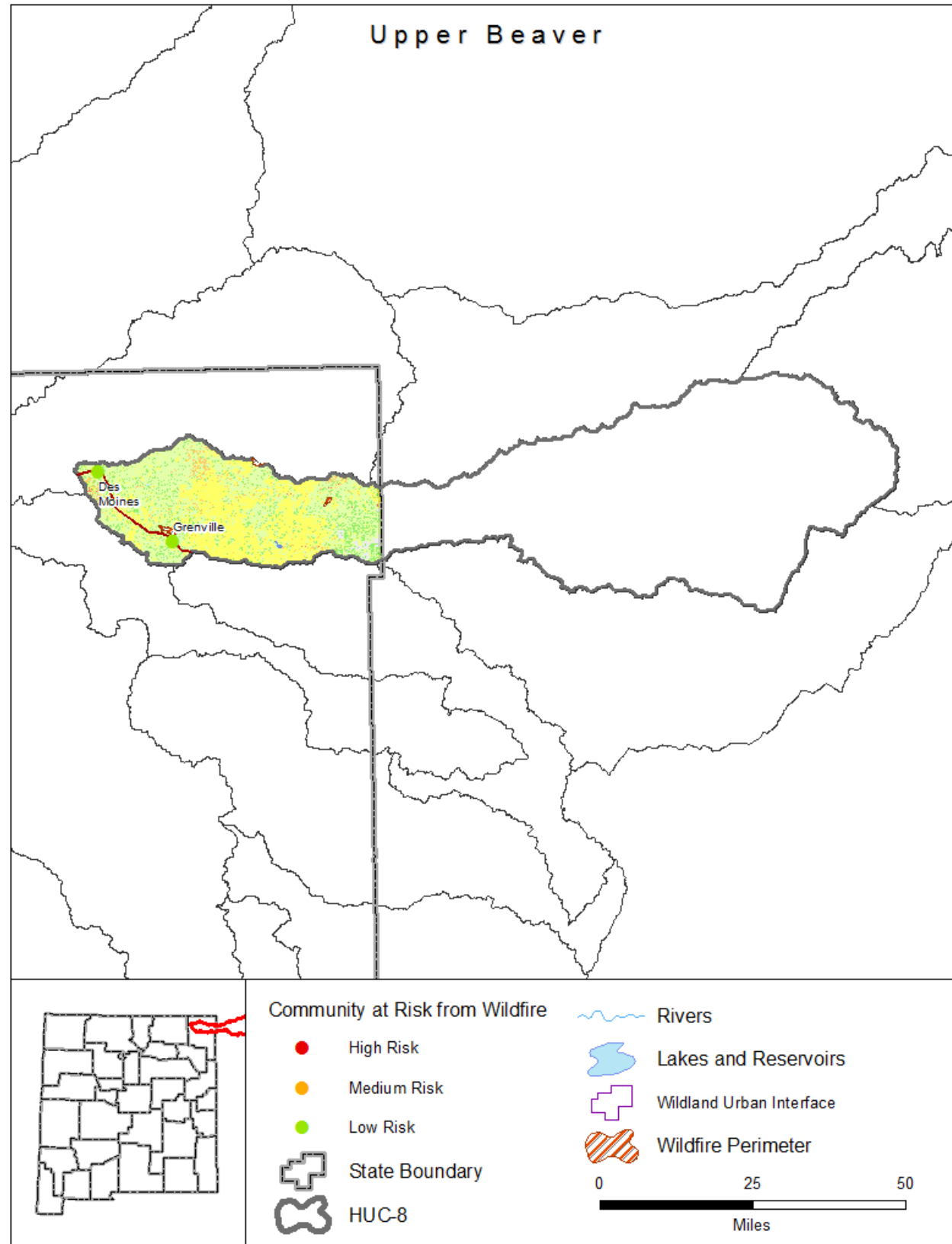
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	1
NFIP Communities	0
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Upper Beaver



**Risk Rank: Medium**

**Description**

The Upper Beaver watershed is at medium risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 2,318 acres have burned during 3 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Union

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 11100101**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	11%
Low	50%
Moderate	35%
High	3%
Very High	0%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	3
Acres Burned 2006-2016	2,318

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.01%
Intermix	0.16%
	Acres
Interface	25
Intermix	785
WUI Addressed Structures	16

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	2

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

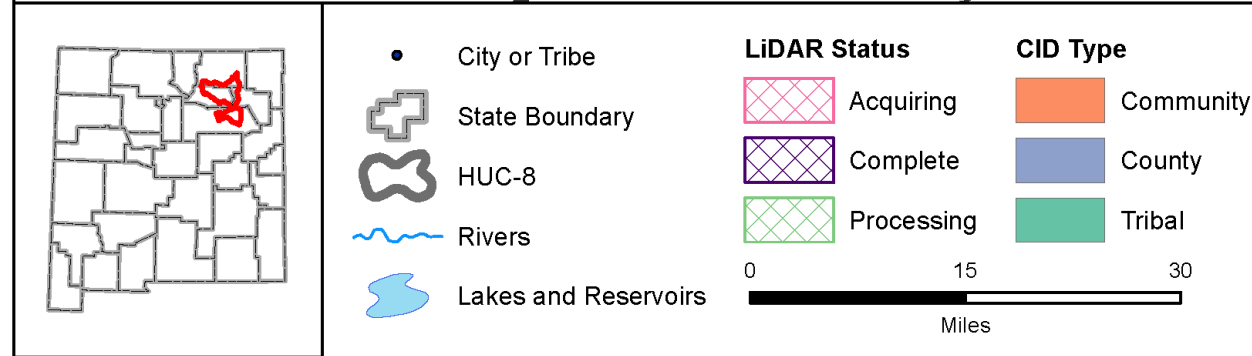
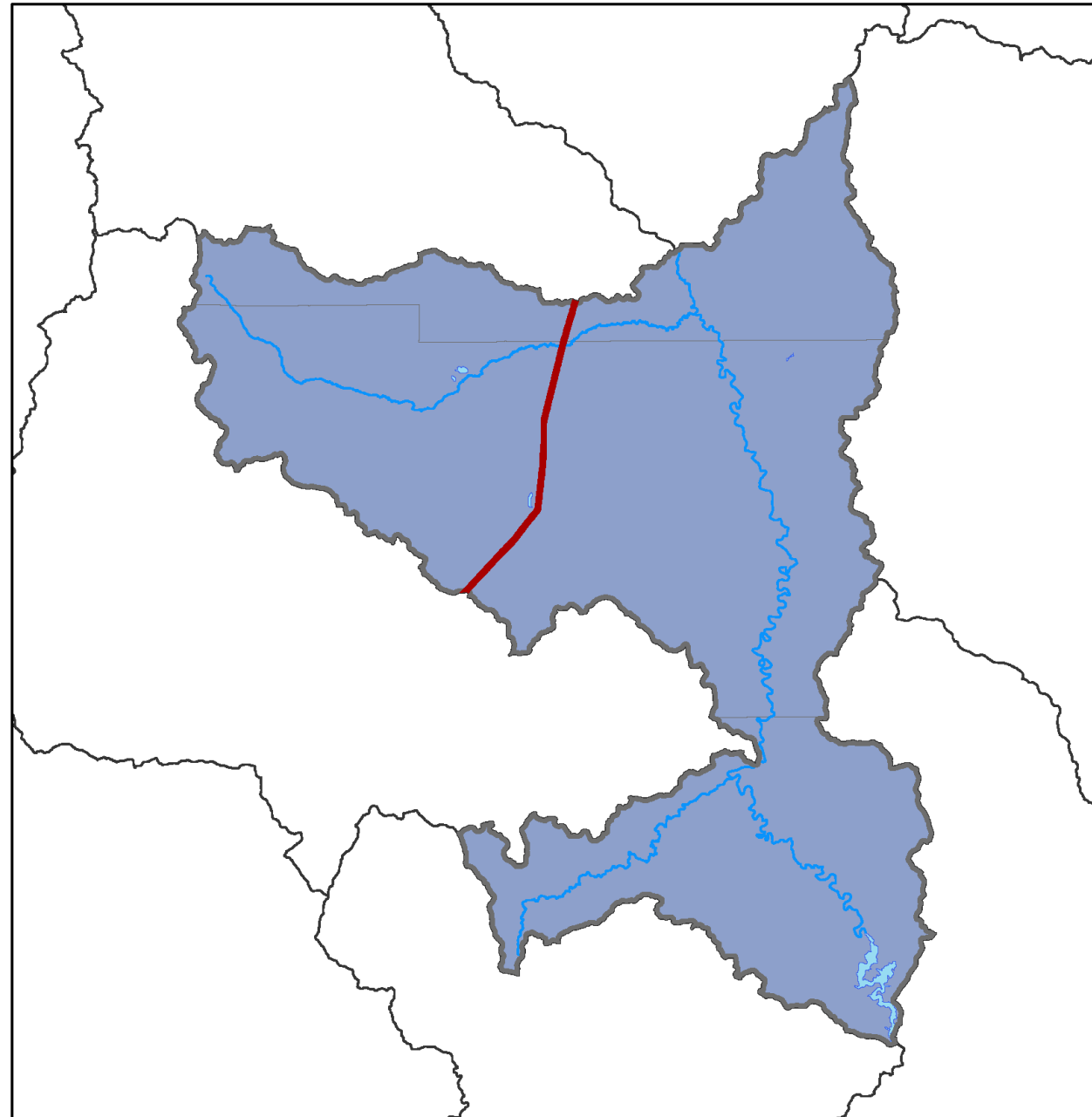
High Priority	1
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Upper Canadian



### Description

The Upper Canadian watershed is home to approximately 1,400 people in north-central New Mexico. Topographically, the Sangre De Cristo Mountain Range runs along the western side of the watershed and it also includes the Rincon and Turkey Mountains. The primary hydrologic features are the Canadian River and Red and Charette Lake. The watershed contains both FIRM and FHBM data. There is no lidar data available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Colfax, Harding, Mora, San Miguel

### Communities

Roy

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11080003

#### Watershed Characteristics

Area (sq mi)	2,053
Population in NM	1,379
CNMS Streams (mi)	675
Maximum Elevation (feet)	10,422
Minimum Elevation (feet)	4,178
High Hazard Potential Dams	1
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	4

#### Ownership

Percent in New Mexico	100 %
Private	78.23 %
State	16.34 %
Tribal	0 %
Federal	5.43 %
States	NM

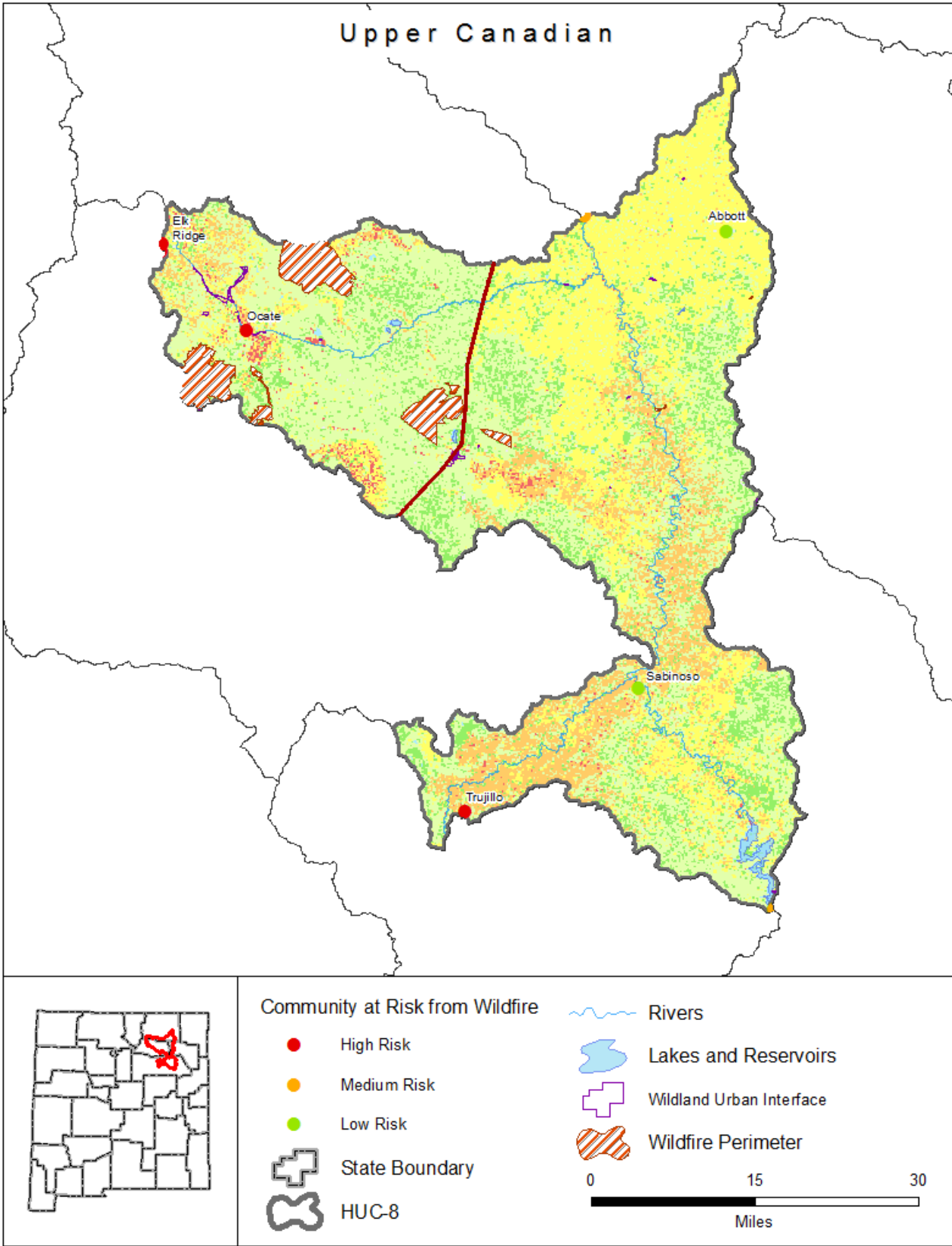
#### Flood Maps

DFIRM Available	Yes
FHBM Available	Yes

#### NFIP Statistics

CID Communities	5
NFIP Communities	3
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Upper Canadian



Risk Rank: Medium

Description

The Upper Canadian watershed is at medium risk of wildfire. The communities of Elk Ridge, Ocate, and Trujillo were identified as high risk in the local Community Wildfire Protection Plan. A total of 39,792 acres have burned during 8 wildfire events over the last ten years.

Lidar Data Availability

No significant lidar available.

Counties

Colfax, Harding, Mora, San Miguel

Communities

Roy

Tribal Nations

No tribal nations within this watershed.

Debris Flow Modeling

None.

Communities at High Risk of Wildland Fire

Elk Ridge, Ocate, Trujillo

Watershed 11080003

Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	15%
Low	44%
Moderate	26%
High	13%
Very High	1%
Non-Burnable	1%
Water	1%

Watershed Characteristics

Wildfires 2006-2016	8
Acres Burned 2006-2016	39,792

Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.01%
Intermix	0.11%
	Acres
Interface	126
Intermix	1,477
WUI Addressed Structures	40

Communities at Risk from Wildland Fire

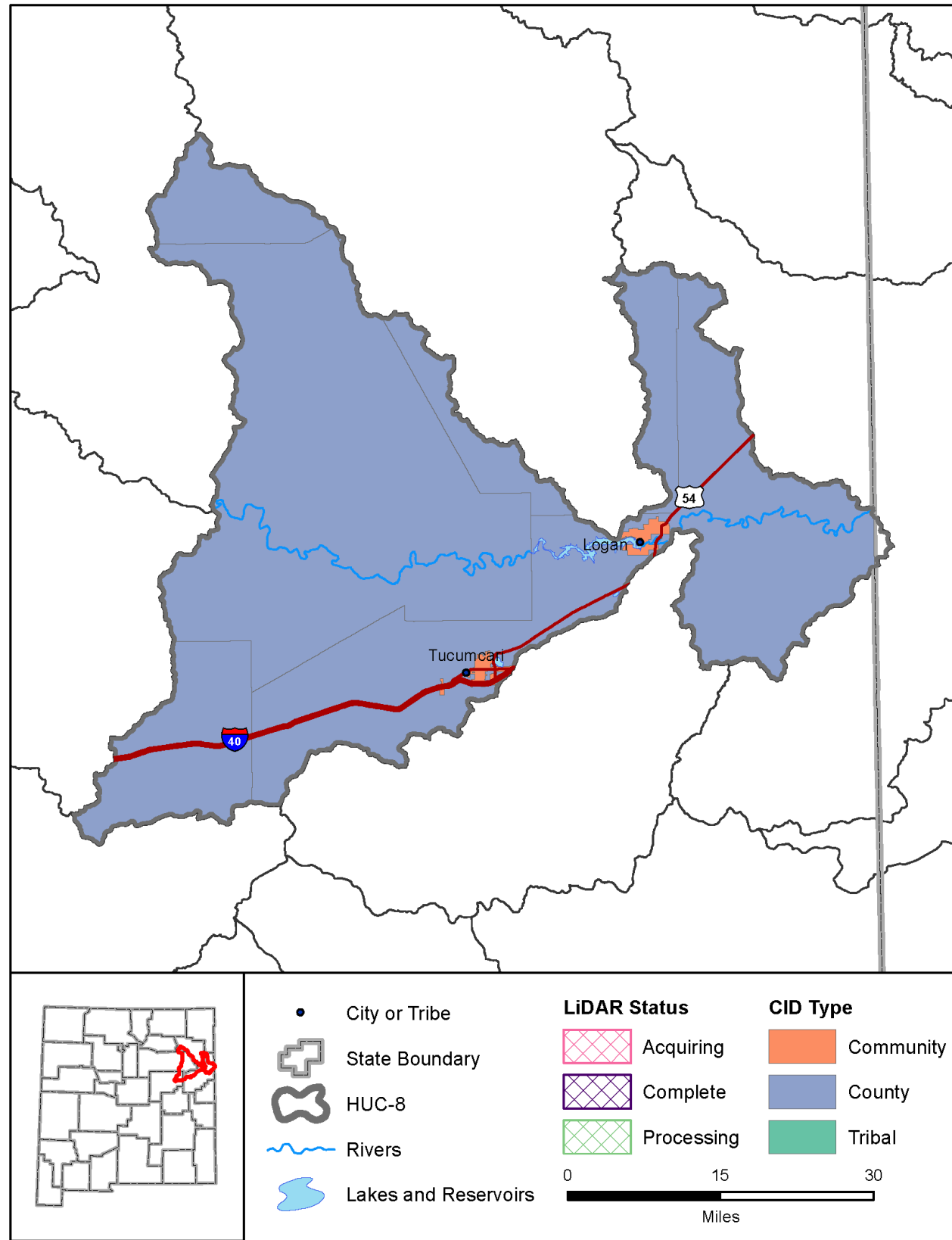
High Risk	3
Medium Risk	1
Low Risk	2

Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	6
Very High Priority	0

Vegetation Treatments 2006-2016

Acres Treated	1,280
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### Upper Canadian-Ute Reservoir

#### Description

The Upper Canadian-Ute Reservoir watershed is home to approximately 7,000 people in northeastern New Mexico. Topographically, this area contains Kansas Valley, Don Carlos Hill, Chico Hills, and multiple mesas and valleys. The primary hydrographic features are the Canadian River and the Ute Reservoir. There is extensive FIRM data within San Miguel County but none in Quay. There is no lidar data available. Local officials should be contacted to determine their need for flood risk products.

#### Lidar Data Availability

No significant lidar available.

#### Counties

Guadalupe, Harding, Quay, San Miguel

#### Communities

Logan, Roy, Tucumcari

#### Tribal Nations

No tribal nations within this watershed.

#### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11080006

#### Watershed Characteristics

Area (sq mi)	2,237
Population in NM	7,175
CNMS Streams (mi)	400
Maximum Elevation (feet)	6,038
Minimum Elevation (feet)	3,496
High Hazard Potential Dams	2
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	3

#### Ownership

Percent in New Mexico	99.75 %
Private	87.56 %
State	12.01 %
Tribal	0 %
Federal	0.44 %
States	NM, TX

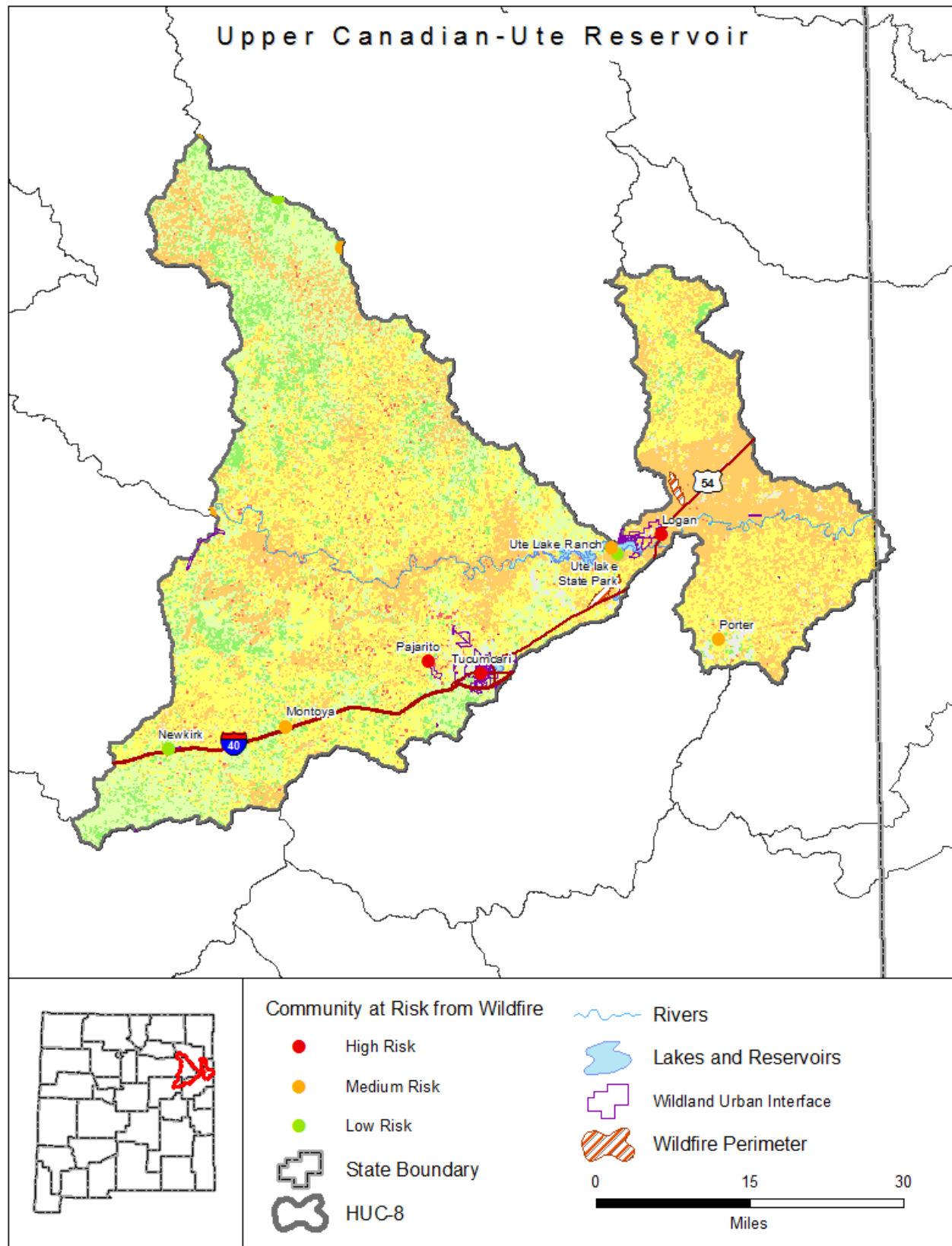
#### Flood Maps

DFIRM Available	Yes
FHBM Available	Yes

#### NFIP Statistics

CID Communities	7
NFIP Communities	4
NFIP Policies	5
Policies within the SFHA	0
Policies outside of the SFHA	5
NFIP Premium Total	\$ 2,785
NFIP Claims	9
Claims within the SFHA	0
Claims outside of the SFHA	9
Paid Claims	\$ 12,314
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Upper Canadian-Ute Reservoir



**Risk Rank:** High

**Description**

The Upper Canadian-Ute Reservoir watershed is at high risk of wildfire. The communities of Logan, Pajarito, and Tucumcari were identified as high risk in the local Community Wildfire Protection Plan. A total of 3,055 acres have burned during 2 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Guadalupe, Harding, Quay, San Miguel

**Communities**

Logan, Roy, Tucumcari

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Logan, Pajarito, Tucumcari

**Watershed 11080006**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	9%
Low	22%
Moderate	38%
High	27%
Very High	1%
Non-Burnable	2%
Water	1%

**Watershed Characteristics**

Wildfires 2006-2016	2
Acres Burned 2006-2016	3,055

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.2%
Intermix	0.49%
Acres	
Interface	2,819
Intermix	7,030
WUI Addressed Structures	137

**Communities at Risk from Wildland Fire**

High Risk	3
Medium Risk	4
Low Risk	3

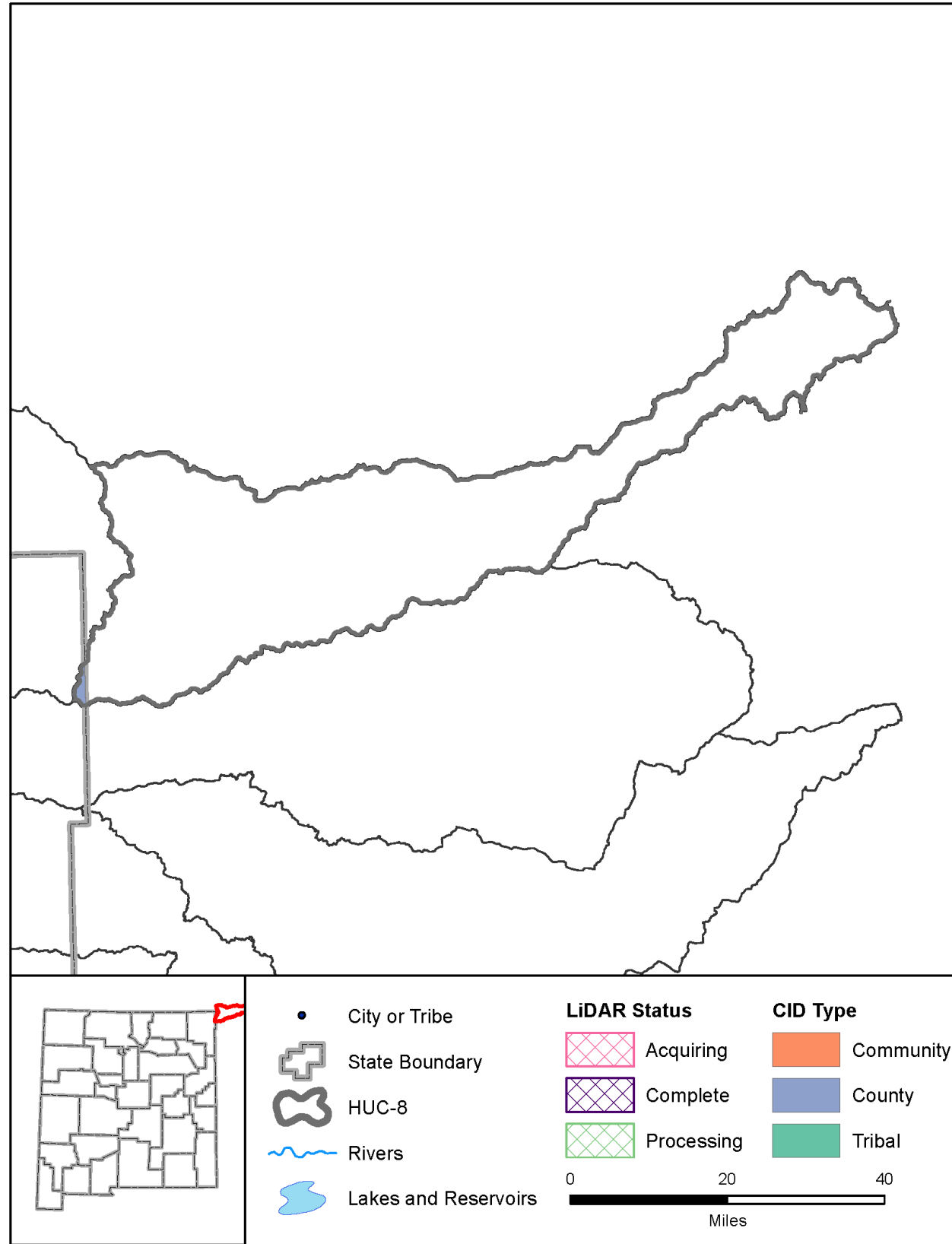
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Upper Cimarron



### Description

The Upper Cimarron watershed is almost entirely outside of New Mexico. As a result, the New Mexico portion of the watershed should be studied as part of joint Colorado, Oklahoma, and New Mexico project.

### Lidar Data Availability

No significant lidar available.

### Counties

Union

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11040002

#### Watershed Characteristics

Area (sq mi)	1,651
Population in NM	32
CNMS Streams (mi)	0
Maximum Elevation (feet)	4,910
Minimum Elevation (feet)	4,706
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	0.37 %
Private	91.48 %
State	7.98 %
Tribal	0 %
Federal	0 %
States	CO, KS, OK, NM

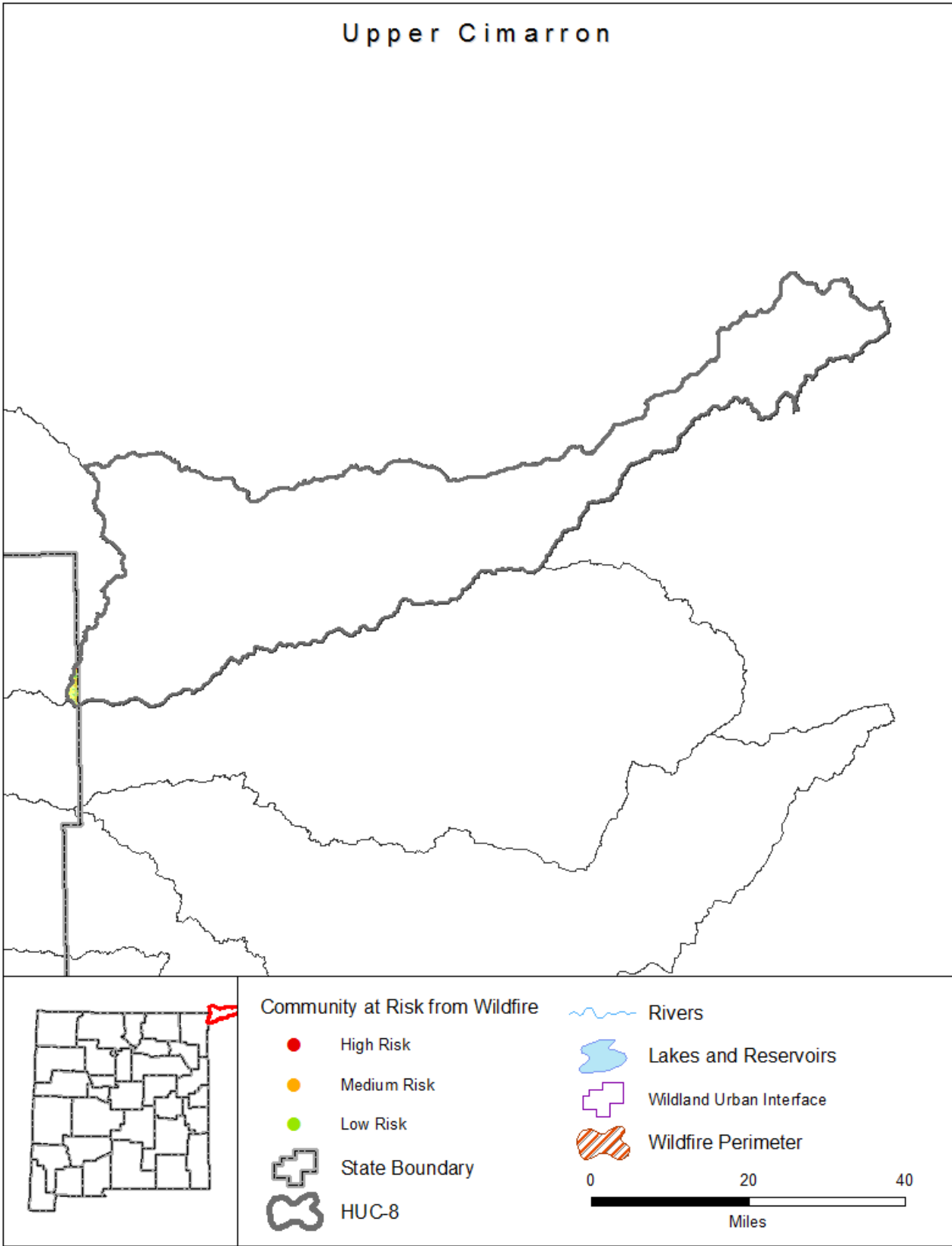
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	1
NFIP Communities	0
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Upper Cimarron



**Risk Rank:** Low

**Description**

The Upper Cimarron watershed is almost entirely outside of New Mexico. It is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Union

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

**Watershed 11040002**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	16%
Low	38%
Moderate	41%
High	4%
Very High	0%
Non-Burnable	1%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	0
Acres Burned 2006-2016	0

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
	Acres
Interface	0
Intermix	0
WUI Addressed Structures	0

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

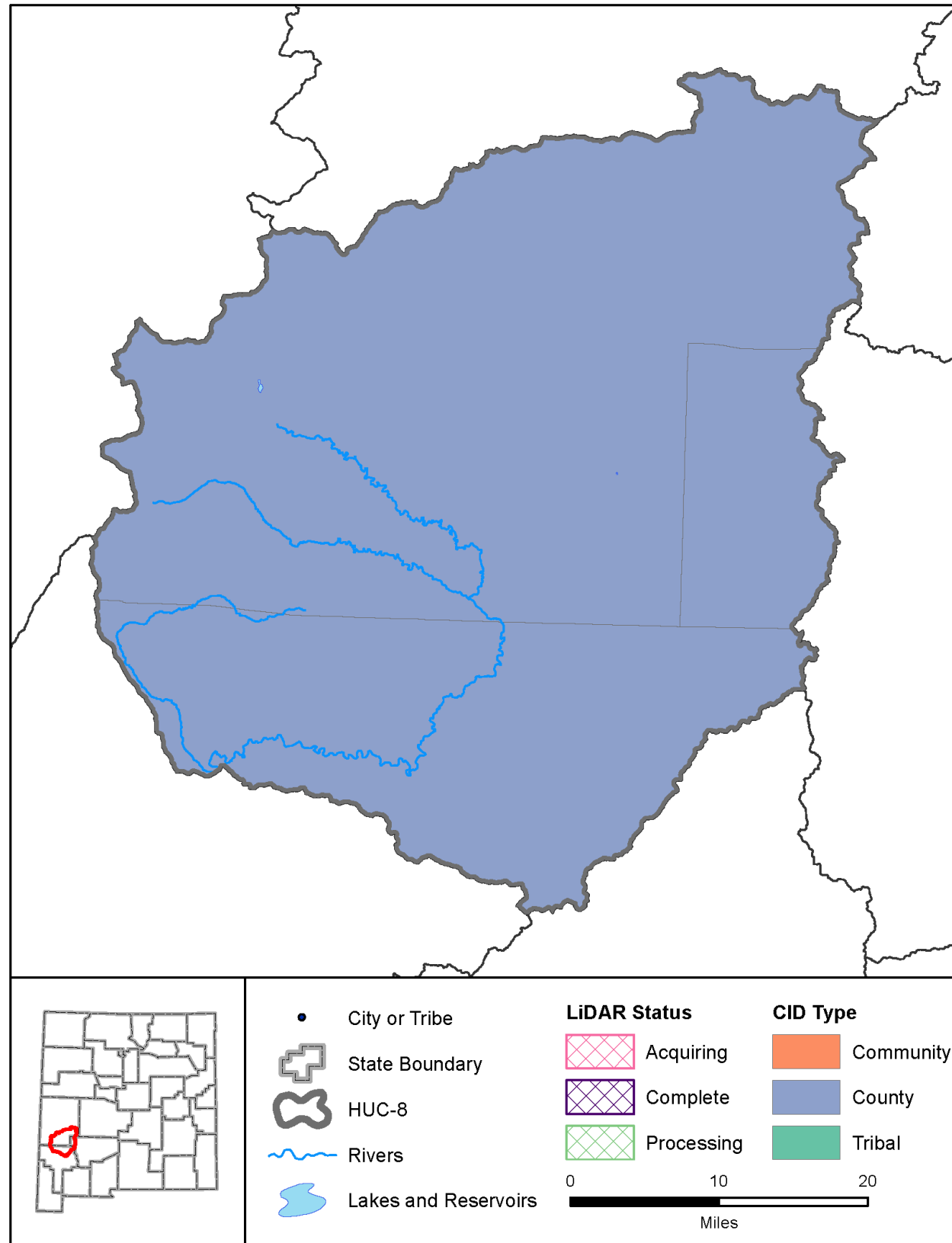
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Upper Gila



### Description

The Upper Gila watershed is home to less than 2,000 people and is located in western New Mexico. The watershed is almost entirely federally owned and part of the Gila Wilderness. The Gila River is the primary hydrologic feature with smaller intermittent tributaries. There is little FIRM data within the watershed and no lidar data for the watershed. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Catron, Grant, Sierra

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066350.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066350.pdf)

### Watershed 15040001

#### Watershed Characteristics

Area (sq mi)	1,985
Population in NM	1,679
CNMS Streams (mi)	44
Maximum Elevation (feet)	10,959
Minimum Elevation (feet)	4,631
High Hazard Potential Dams	1
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	2

#### Ownership

Percent in New Mexico	100 %
Private	7.23 %
State	2.9 %
Tribal	0 %
Federal	89.87 %
States	NM

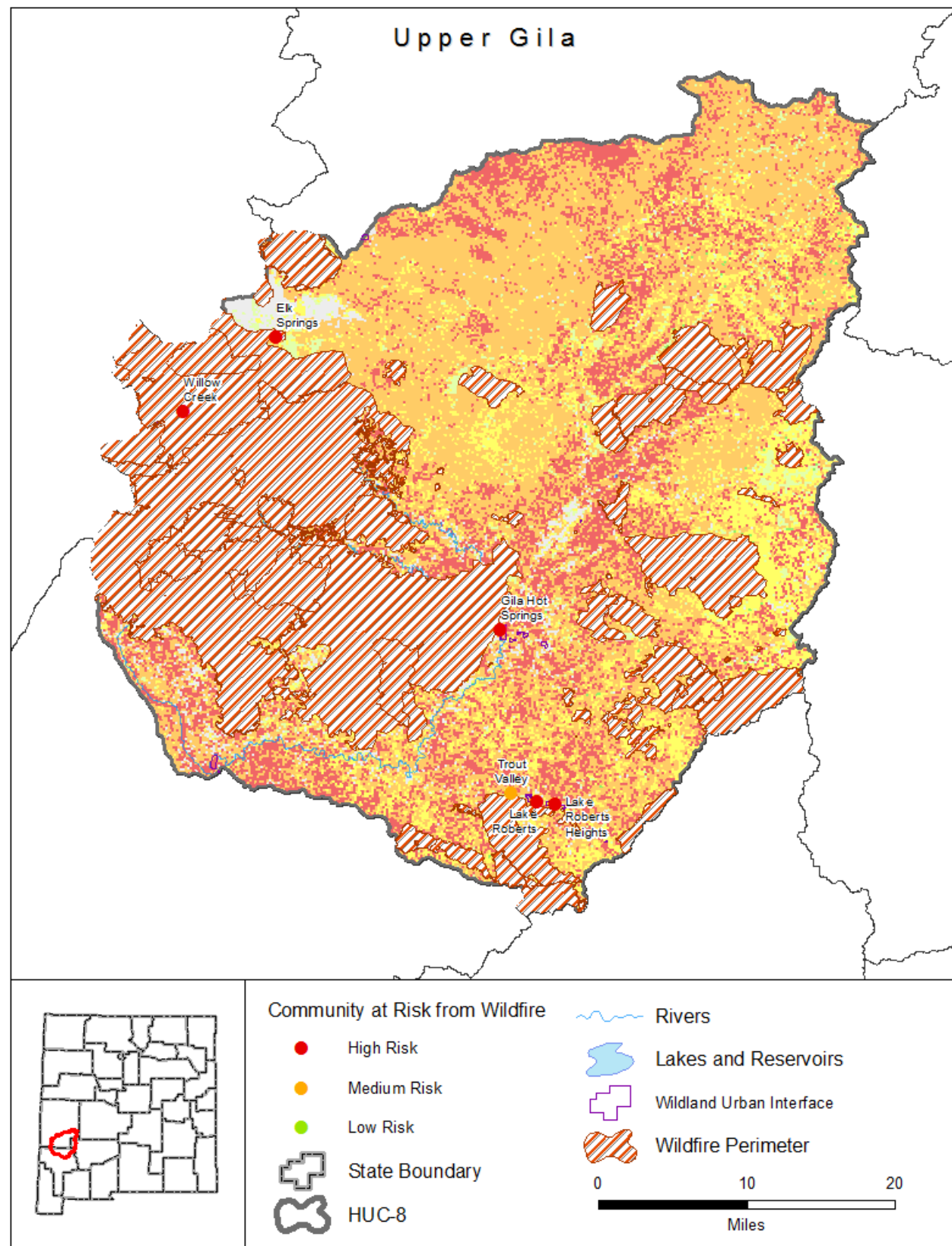
#### Flood Maps

DFIRM Available	Yes
FHBM Available	Yes

#### NFIP Statistics

CID Communities	3
NFIP Communities	3
NFIP Policies	3
Policies within the SFHA	0
Policies outside of the SFHA	3
NFIP Premium Total	\$ 3,581
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Upper Gila



**Risk Rank:** High

### Description

The Upper Gila watershed is at high risk of wildfire. The communities of Elk Springs, Gila Hot Springs, Lake Roberts, Lake Roberts Heights, and Willow Creek were identified as high risk in the local Community Wildfire Protection Plan. A total of 165,007 acres have burned during 38 wildfire events over the last ten years. A portion of the watershed has been modeled by the United States Geological Survey for Potential postwildfire debris-flow hazards as part of the postwildfire study after the 2012 Whitewater-Baldy fire.

### Lidar Data Availability

No significant lidar available.

### Counties

Catron, Grant, Sierra

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

Tillery, A.C., Matherne, A.M., and Verdin K.L., 2012, Estimated probability of postwildfire debris flows in the 2012 Whitewater–Baldy Fire burn area, southwestern New Mexico: U.S. Geological Survey Open-File Report 2012–1188, 11 p., 3 pls.

### Communities at High Risk of Wildland Fire

Elk Springs, Gila Hot Springs, Lake Roberts, Lake Roberts Heights, Willow Creek

### Watershed 15040001

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	0%
Low	4%
Moderate	19%
High	53%
Very High	21%
Non-Burnable	3%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	289
Acres Burned 2006-2016	543,947

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0.08%
Acres	
Interface	0
Intermix	1,001
WUI Addressed Structures	33

#### Communities at Risk from Wildland Fire

High Risk	5
Medium Risk	1
Low Risk	0

#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

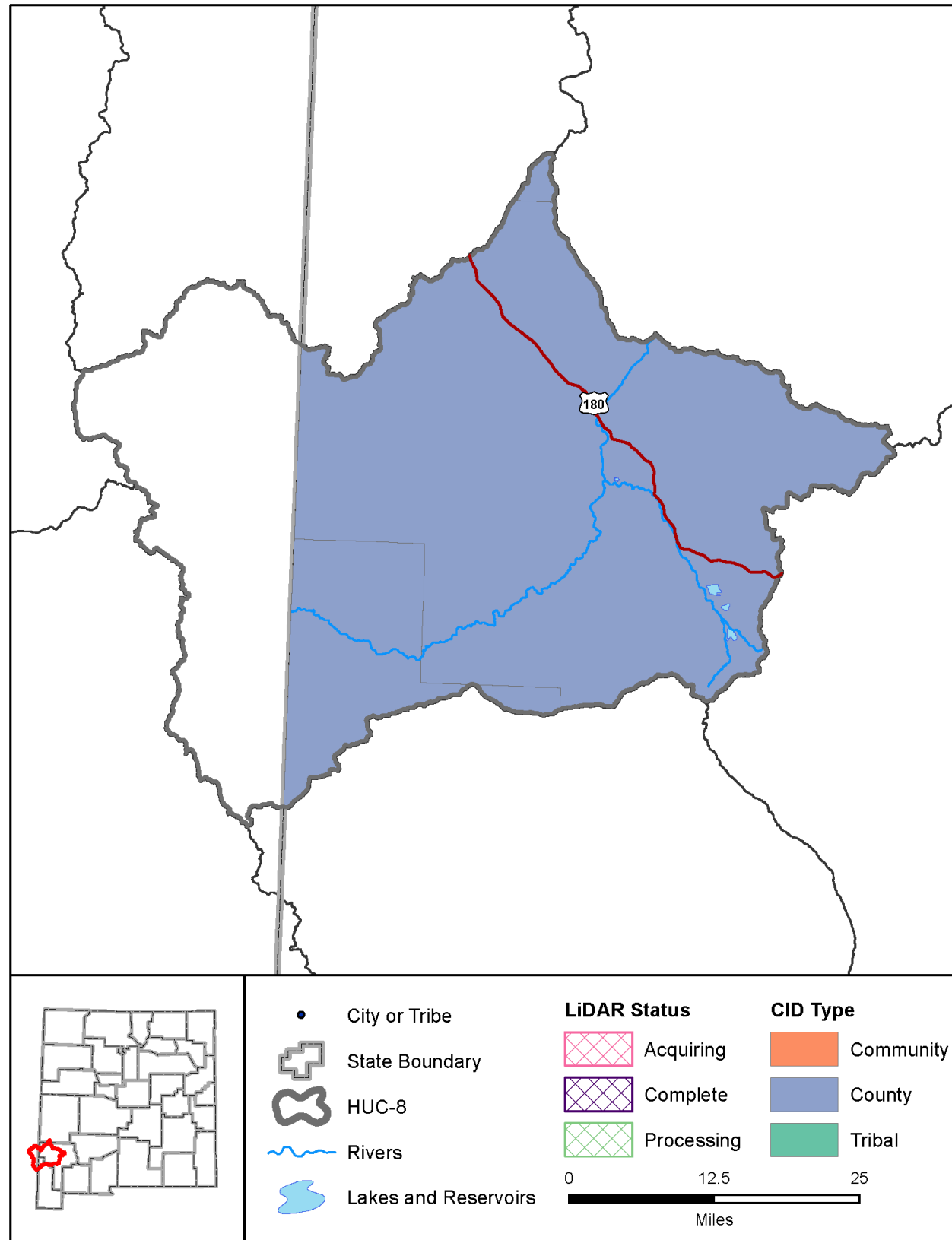
High Priority	32
Very High Priority	6

#### Vegetation Treatments 2006-2016

Acres Treated	117,760
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## Upper Gila-Mangas



### Description

The Upper Gila - Mangas watershed is home to approximately 4,000 people and is located in western New Mexico. Within New Mexico, the Gila River is the primary hydrologic feature with smaller intermittent tributaries. There is FIRM data within the watershed but there is no lidar data for the watershed. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Catron, Grant, Hidalgo

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_067642.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_067642.pdf)

### Watershed 15040002

#### Watershed Characteristics

Area (sq mi)	2,053
Population in NM	4,005
CNMS Streams (mi)	399
Maximum Elevation (feet)	10,669
Minimum Elevation (feet)	3,704
High Hazard Potential Dams	11
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	9

#### Ownership

Percent in New Mexico	73.93 %
Private	38.76 %
State	13.29 %
Tribal	0 %
Federal	47.95 %
States	NM, AZ

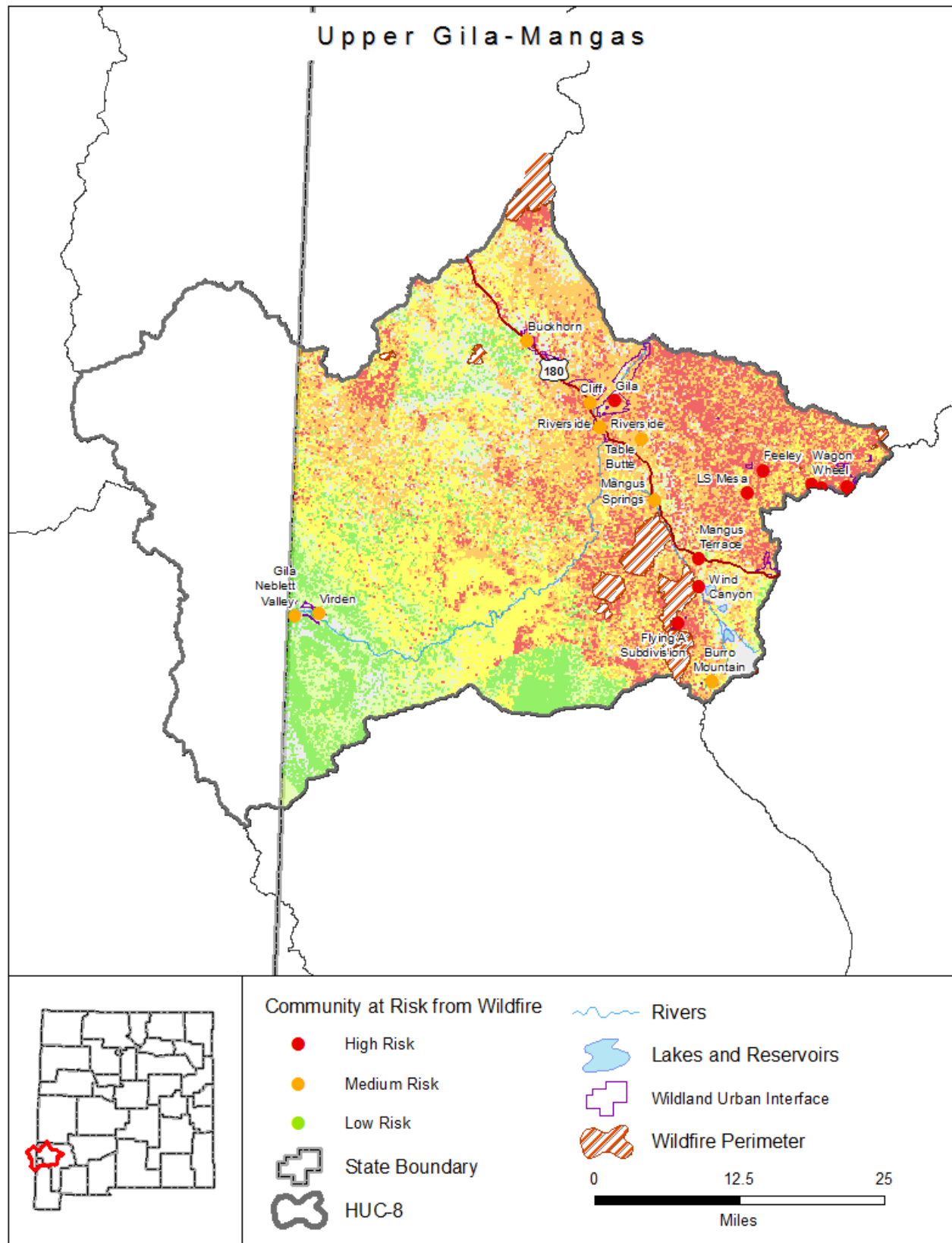
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	3
NFIP Communities	3
NFIP Policies	15
Policies within the SFHA	6
Policies outside of the SFHA	9
NFIP Premium Total	\$ 8,007
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Upper Gila-Mangas



Risk Rank: High

#### Description

The Upper Gila - Mangas watershed is at high risk of wildfire. The communities of Feeley, Flying A Subdivision, Gila, LS Mesa, Mangus Terrace, Owens, Pinos Altos, Pinos Altos Mountain Estates, Wagon Wheel, and Wind Canyon were identified as high risk in the local Community Wildfire Protection Plan. A total of 33,177 acres have burned during 26 wildfire events over the last ten years. A portion of the watershed has been modeled by the United States Geological Survey for Potential postwildfire debris-flow hazards as part of the postwildfire study after the 2012 Whitewater-Baldy fire.

#### Lidar Data Availability

No significant lidar available.

#### Counties

Catron, Grant, Hidalgo

#### Communities

No communities within this watershed.

#### Tribal Nations

No tribal nations within this watershed.

#### Debris Flow Modeling

Tillery, A.C., Matherne, A.M., and Verdin K.L., 2012, Estimated probability of postwildfire debris flows in the 2012 Whitewater-Baldy Fire burn area, southwestern New Mexico: U.S. Geological Survey Open-File Report 2012-1188, 11 p., 3 pls.

#### Communities at High Risk of Wildland Fire

Feeley, Flying A Subdivision, Gila, LS Mesa, Mangus Terrace, Owens, Pinos Altos, Pinos Altos Mountain Estates, Wagon Wheel, Wind Canyon

#### Watershed 15040002

##### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	12%
Low	10%
Moderate	24%
High	28%
Very High	17%
Non-Burnable	9%
Water	0%

##### Watershed Characteristics

Wildfires 2006-2016	26
Acres Burned 2006-2016	33,177

##### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.06%
Intermix	1.02%
	Acres
Interface	550
Intermix	9,924
WUI Addressed Structures	66

##### Communities at Risk from Wildland Fire

High Risk	10
Medium Risk	9
Low Risk	0

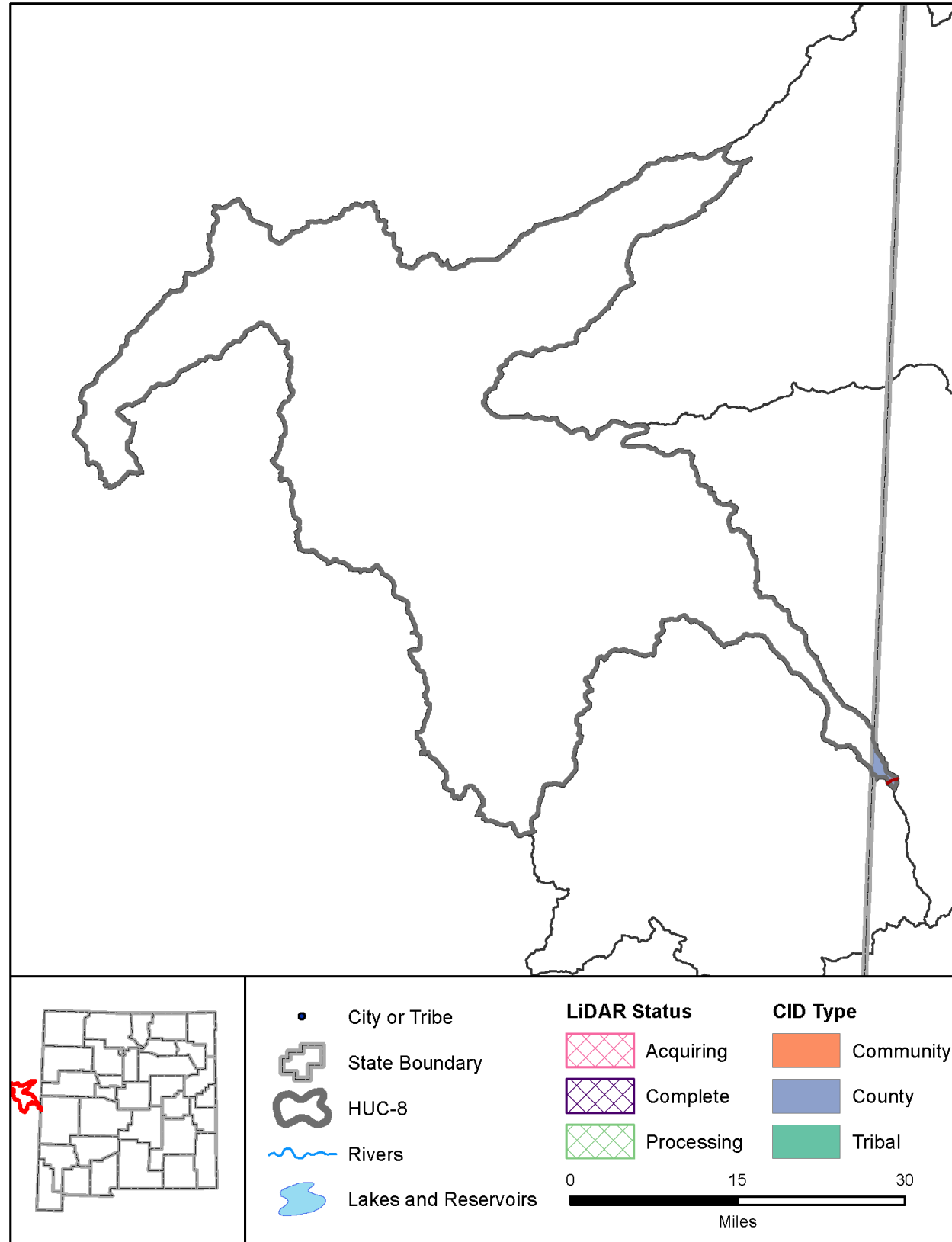
##### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	7
Very High Priority	1

##### Vegetation Treatments 2006-2016

Acres Treated	58,240
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## Upper Little Colorado



### Description

The Upper Little Colorado watershed is home to approximately 200 people in New Mexico and is located on the western border of the state. Less than 1% of the watershed is located in New Mexico. The Little Colorado River is the primary hydrologic feature with smaller intermittent tributaries. There is no FIRM or lidar data for the watershed. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Catron

### Communities

No communities within this watershed.

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 15020002

#### Watershed Characteristics

Area (sq mi)	1,628
Population in NM	206
CNMS Streams (mi)	0
Maximum Elevation (feet)	7,933
Minimum Elevation (feet)	7,357
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	0.26 %
Private	0.99 %
State	14.61 %
Tribal	0 %
Federal	84.05 %
States	AZ, NM

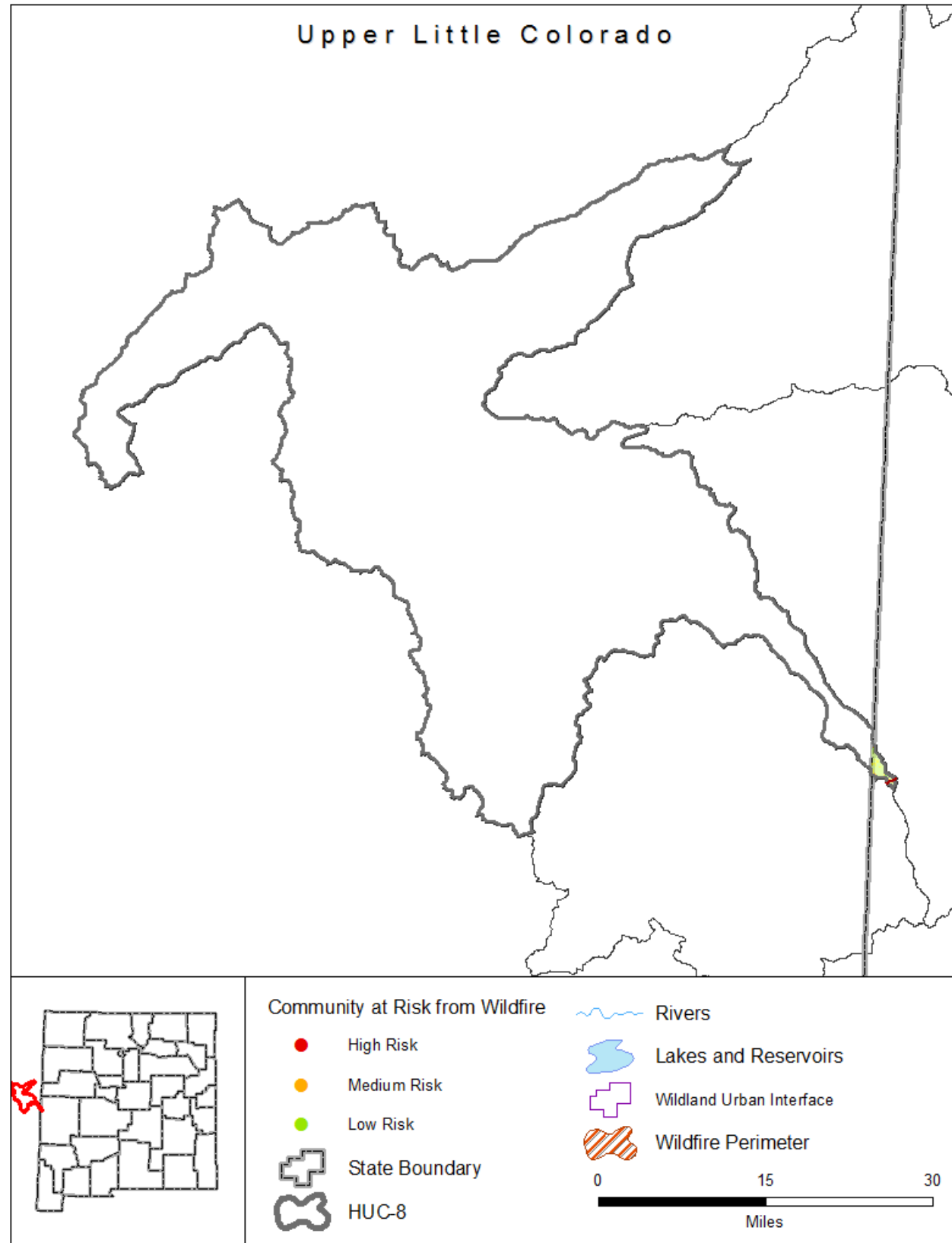
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	1
NFIP Communities	1
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Upper Little Colorado



**Risk Rank:** Low

**Description**

The Upper Little Colorado is at low risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Catron

**Communities**

No communities within this watershed.

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

None.

### Watershed 15020002

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	3%
Low	78%
Moderate	13%
High	7%
Very High	0%
Non-Burnable	0%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	0
Acres Burned 2006-2016	0

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0%
Intermix	0%
	Acres
Interface	0
Intermix	0
WUI Addressed Structures	0

**Communities at Risk from Wildland Fire**

High Risk	0
Medium Risk	0
Low Risk	0

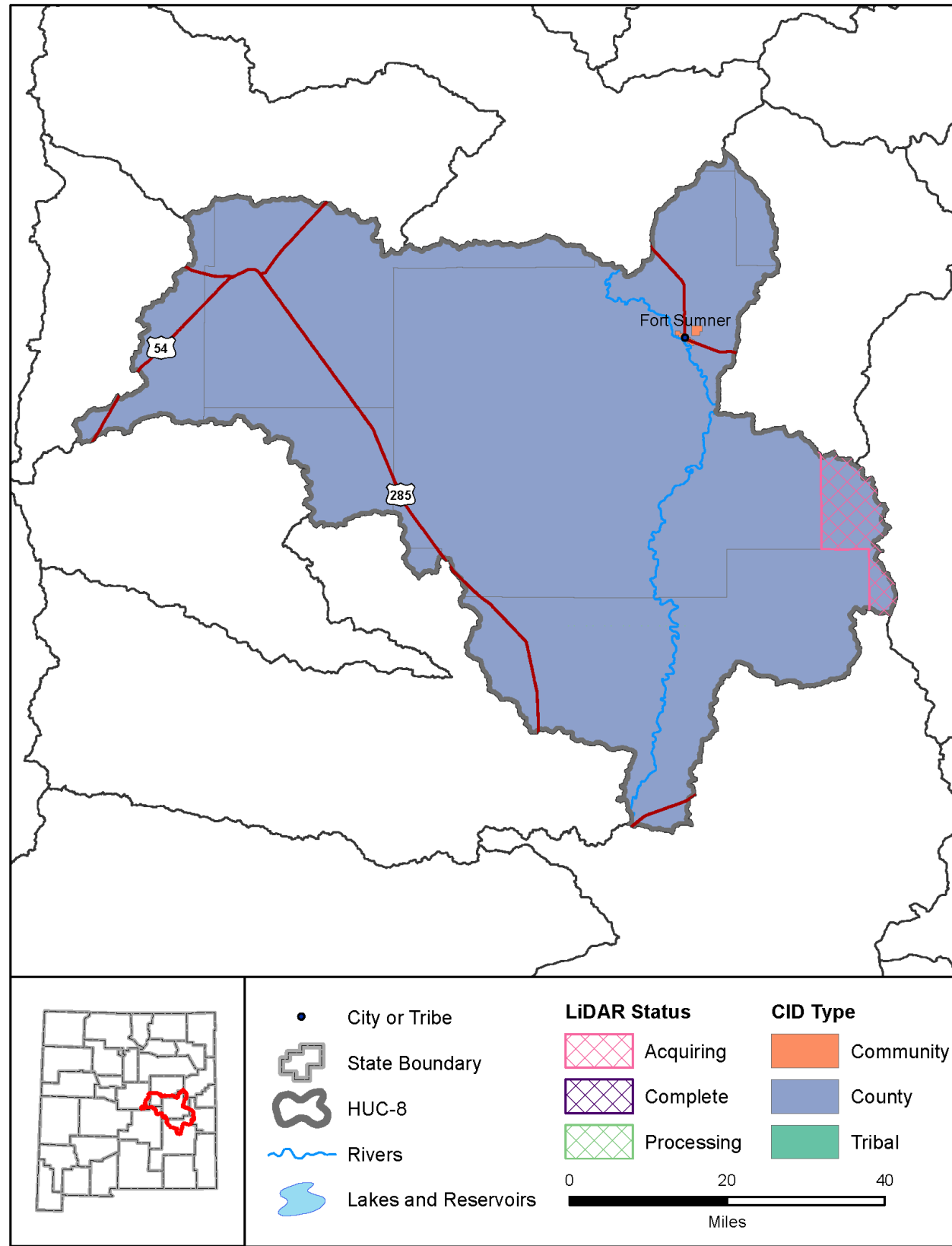
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	0
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## Upper Pecos



### Description

The Upper Pecos watershed is home to approximately 4,000 people in the western portion of New Mexico. The Pecos River is the primary hydrologic feature with many smaller tributaries. There is FIRM data within Chaves County with very limited FHBM data within De Baca County. There will be lidar acquired for the southeastern part of the watershed in 2015. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for a small part of the southeastern portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Chaves, De Baca, Guadalupe, Lincoln, Quay, Roosevelt, Torrance

### Communities

Fort Sumner

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_067317.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_067317.pdf)

### Watershed 13060003

#### Watershed Characteristics

Area (sq mi)	4,205
Population in NM	3,095
CNMS Streams (mi)	212
Maximum Elevation (feet)	7,111
Minimum Elevation (feet)	3,523
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	100 %
Private	77.05 %
State	14.71 %
Tribal	0 %
Federal	8.24 %
States	NM

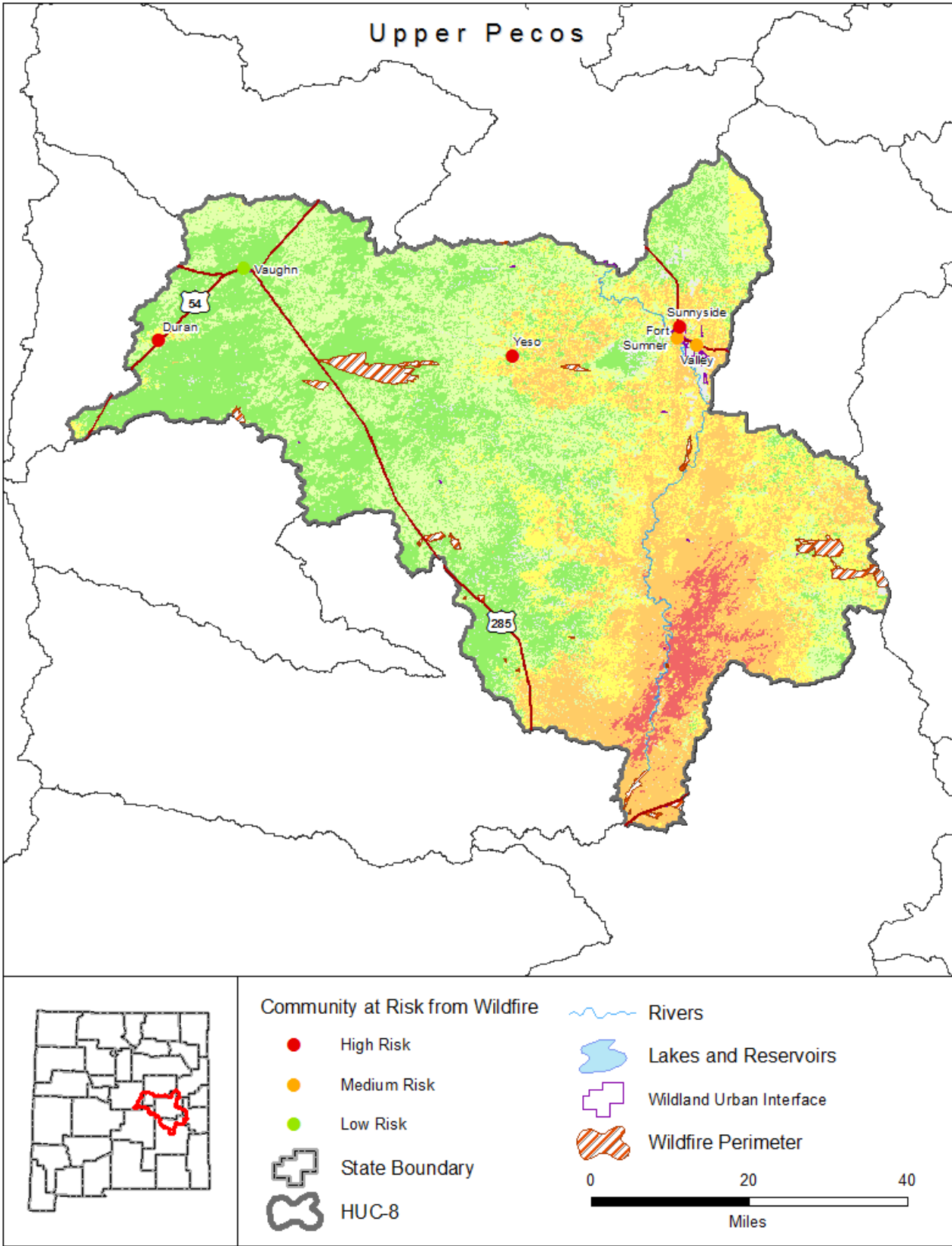
#### Flood Maps

DFIRM Available	Yes
FHBM Available	Yes

#### NFIP Statistics

CID Communities	8
NFIP Communities	6
NFIP Policies	1
Policies within the SFHA	0
Policies outside of the SFHA	1
NFIP Premium Total	\$ 1,055
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Upper Pecos



**Risk Rank:** High

**Description**

The Upper Pecos watershed is at high risk of wildfire. The communities of Duran, Sunnyside, and Yeso were identified as high risk in the local Community Wildfire Protection Plan. A total of 37,773 acres have burned during 21 wildfire events over the last ten years.

**Lidar Data Availability**

A collection of federal agencies anticipates collecting USGS QL2 lidar for a small part of the southeastern portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

**Counties**

Chaves, De Baca, Guadalupe, Lincoln, Quay, Roosevelt, Torrance

**Communities**

Fort Sumner

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Duran, Sunnyside, Yeso

**Watershed 13060003**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	32%
Low	27%
Moderate	17%
High	19%
Very High	3%
Non-Burnable	2%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	21
Acres Burned 2006-2016	37,773

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.1%
Intermix	0.06%
Acres	
Interface	2,811
Intermix	1,616
WUI Addressed Structures	70

**Communities at Risk from Wildland Fire**

High Risk	3
Medium Risk	2
Low Risk	1

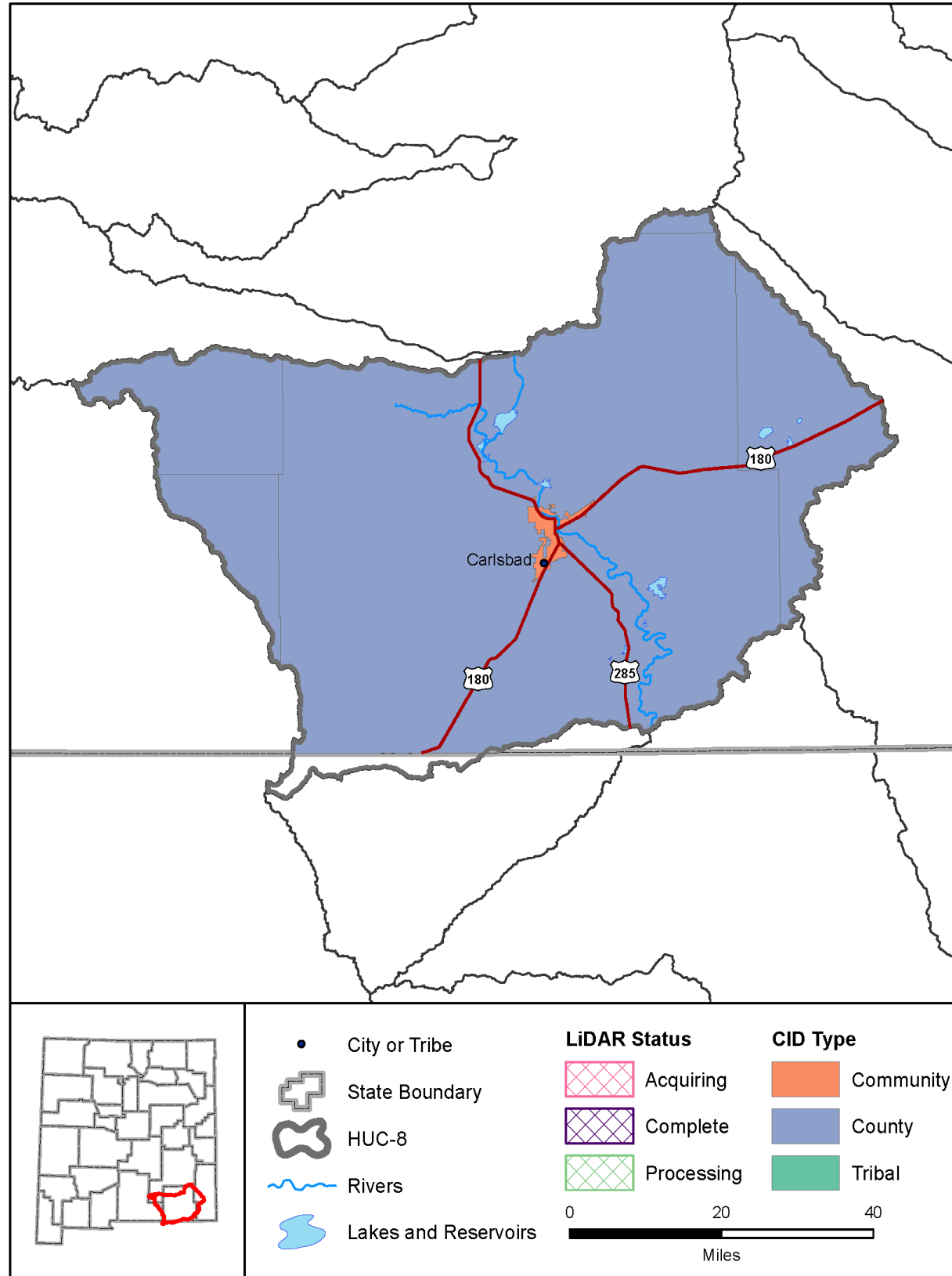
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	53,760
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## Upper Pecos-Black



### Description

The Upper Pecos - Black watershed is home to around 38,000 people in the southern portion of New Mexico. The watershed has significant topographic relief from the Guadalupe Mountains to the eastern plains. The Pecos River is the primary hydrologic feature with many smaller intermittent tributaries. FIRM data is extensive throughout the watershed, except for Lea County, but no lidar data is available. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Chaves, Eddy, Lea, Otero

### Communities

Carlsbad

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/nm/technical/dma/rwa/RWAs/Upper%20Pecos-Black.pdf>

### Watershed 13060011

#### Watershed Characteristics

Area (sq mi)	4,380
Population in NM	38,402
CNMS Streams (mi)	1,243
Maximum Elevation (feet)	7,466
Minimum Elevation (feet)	2,833
High Hazard Potential Dams	4
Significant Hazard Potential Dams	3
Low Hazard Potential Dams	5

#### Ownership

Percent in New Mexico	98.37 %
Private	16.84 %
State	16.29 %
Tribal	0 %
Federal	66.87 %
States	NM, TX

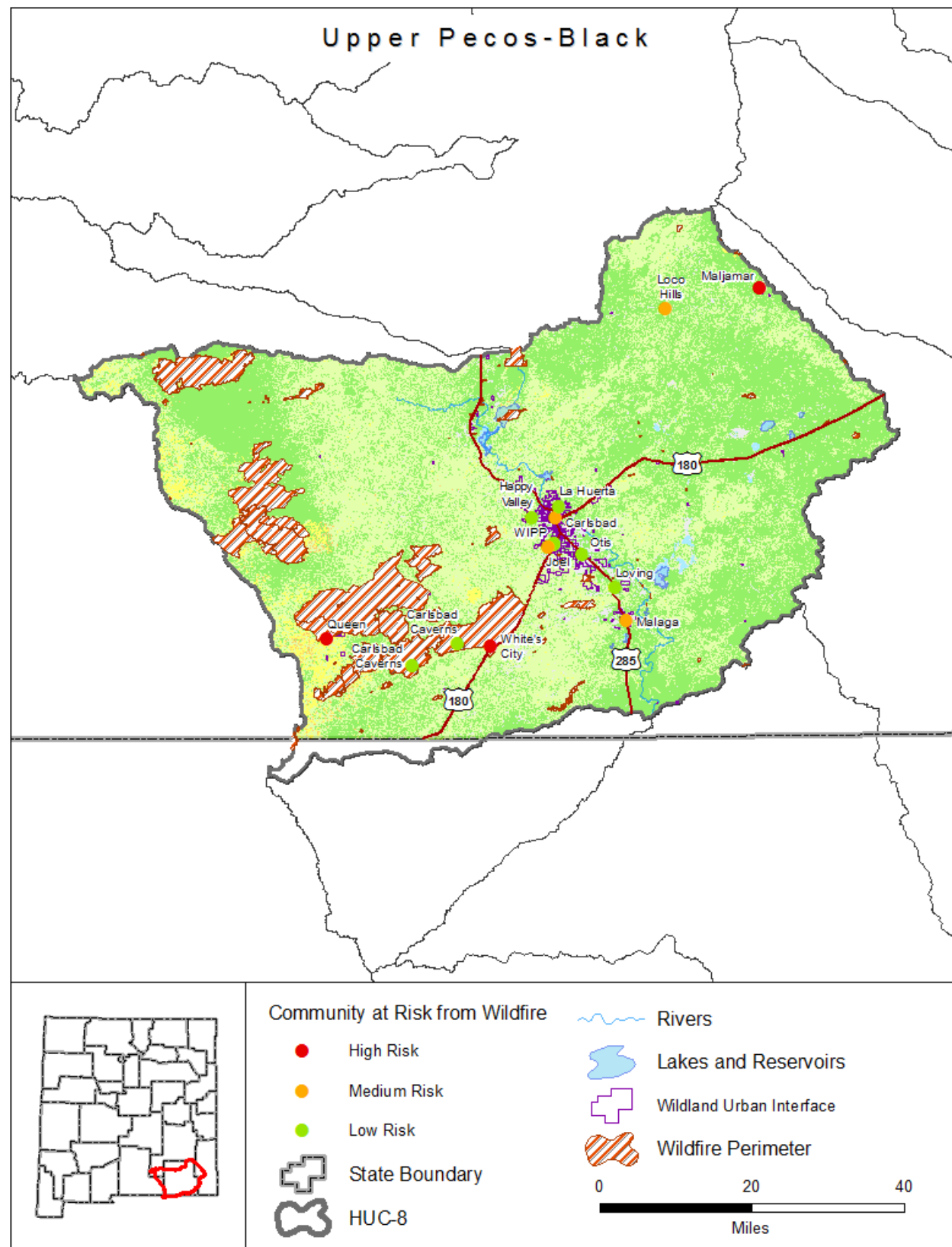
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	5
NFIP Communities	5
NFIP Policies	399
Policies within the SFHA	348
Policies outside of the SFHA	51
NFIP Premium Total	\$ 406,829
NFIP Claims	34
Claims within the SFHA	25
Claims outside of the SFHA	9
Paid Claims	\$ 291,718
Repetitive Loss Structures	4
Repetitive Loss Claims	8
Rep Loss Structures within SFHA	3
Rep Loss Structures outside SFHA	1
Repetitive Loss Total	\$ 96,239

### Upper Pecos-Black



**Risk Rank:** Medium

**Description**

The Upper Pecos - Black watershed is at medium risk of wildfire. The communities of Maljamar, Queen, and White's City were identified as high risk in the local Community Wildfire Protection Plan. A total of 276,347 acres have burned during 89 wildfire events over the last ten years.

**Lidar Data Availability**

No significant lidar available.

**Counties**

Chaves, Eddy, Lea, Otero

**Communities**

Carlsbad

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Maljamar, Queen, White's City

**Watershed 13060011**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	48%
Low	45%
Moderate	4%
High	0%
Very High	0%
Non-Burnable	3%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	89
Acres Burned 2006-2016	276,347

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.34%
Intermix	0.68%
Acres	
Interface	9,246
Intermix	18,816
WUI Addressed Structures	364

**Communities at Risk from Wildland Fire**

High Risk	3
Medium Risk	4
Low Risk	8

**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

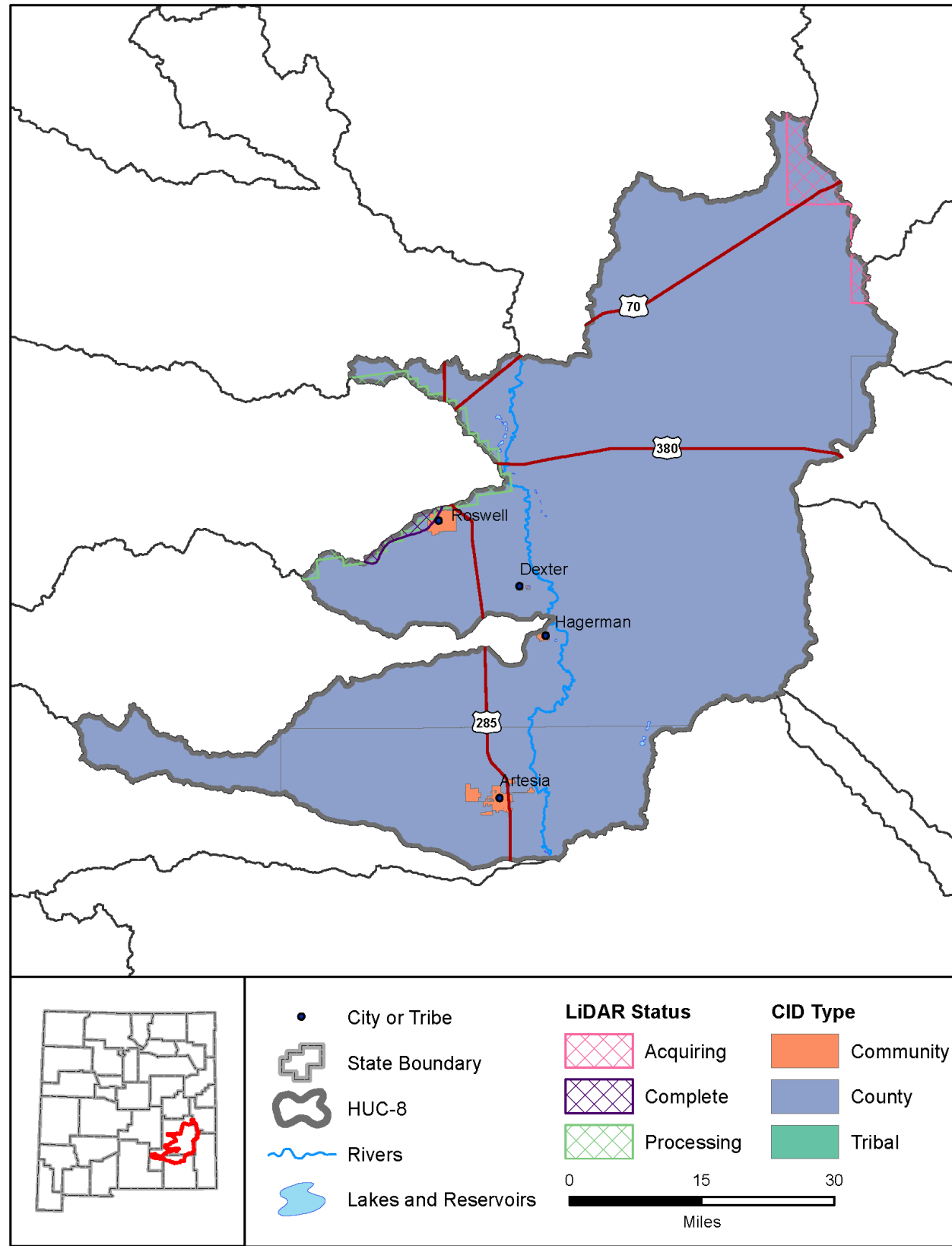
High Priority	2
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	486,400
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## Upper Pecos-Long Arroyo



### Description

The Upper Pecos - Long watershed is home to nearly 30,000 people in the south-central portion of New Mexico. The watershed has significant topograph relief from the Sacramento Mountains to the eastern plains. The Pecos River is the primary hydrologic feature with many smaller tributaries. FIRM data is extensive throughout the watershed. A small part of the northeast corner of the watershed will have lidar acquired in 2015. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for a small section of the northeastern portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Chaves, Eddy, Lea, Roosevelt

### Communities

Artesia, Dexter, Hagerman, Roswell

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066633.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066633.pdf)

### Watershed 13060007

#### Watershed Characteristics

Area (sq mi)	3,199
Population in NM	27,497
CNMS Streams (mi)	548
Maximum Elevation (feet)	6,450
Minimum Elevation (feet)	3,280
High Hazard Potential Dams	7
Significant Hazard Potential Dams	2
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	100 %
Private	50.6 %
State	20.2 %
Tribal	0 %
Federal	29.2 %
States	NM

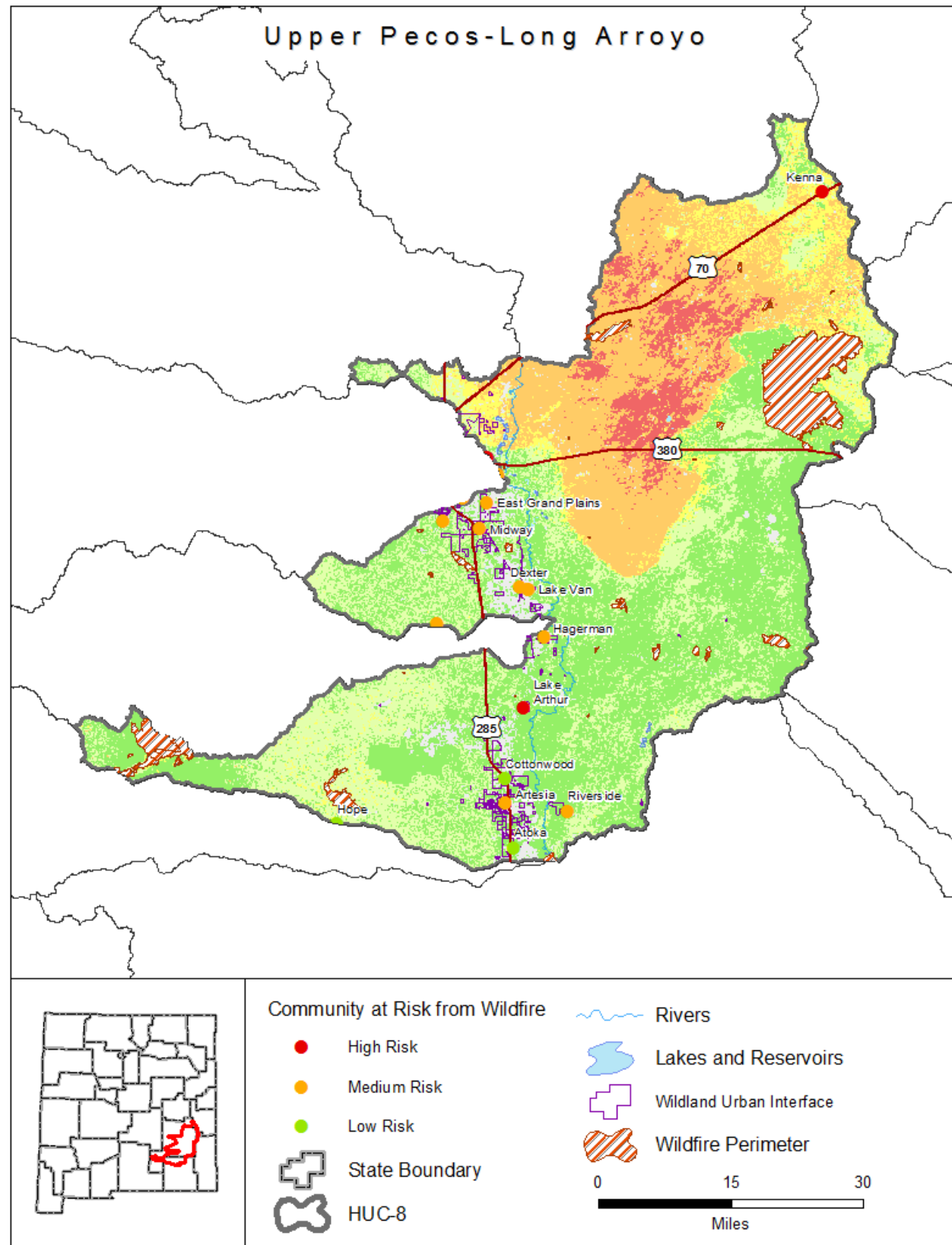
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	8
NFIP Communities	7
NFIP Policies	144
Policies within the SFHA	111
Policies outside of the SFHA	33
NFIP Premium Total	\$ 119,102
NFIP Claims	13
Claims within the SFHA	6
Claims outside of the SFHA	7
Paid Claims	\$ 28,728
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

### Upper Pecos-Long Arroyo



**Risk Rank:** High

**Description**

The Upper Pecos - Long watershed is at high risk of wildfire. The communities of Kenna and Lake Arthur were identified as high risk in the local Community Wildfire Protection Plan. A total of 82,785 acres have burned during 45 wildfire events over the last ten years.

**Lidar Data Availability**

A collection of federal agencies anticipates collecting USGS QL2 lidar for a small section of the northeastern portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

**Counties**

Chaves, Eddy, Lea, Roosevelt

**Communities**

Artesia, Dexter, Hagerman, Roswell

**Tribal Nations**

No tribal nations within this watershed.

**Debris Flow Modeling**

None.

**Communities at High Risk of Wildland Fire**

Kenna, Lake Arthur

**Watershed 13060007**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	38%
Low	27%
Moderate	7%
High	19%
Very High	4%
Non-Burnable	4%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	45
Acres Burned 2006-2016	82,785

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	0.39%
Intermix	1.34%
	Acres
Interface	8,049
Intermix	27,367
WUI Addressed Structures	401

**Communities at Risk from Wildland Fire**

High Risk	2
Medium Risk	9
Low Risk	3

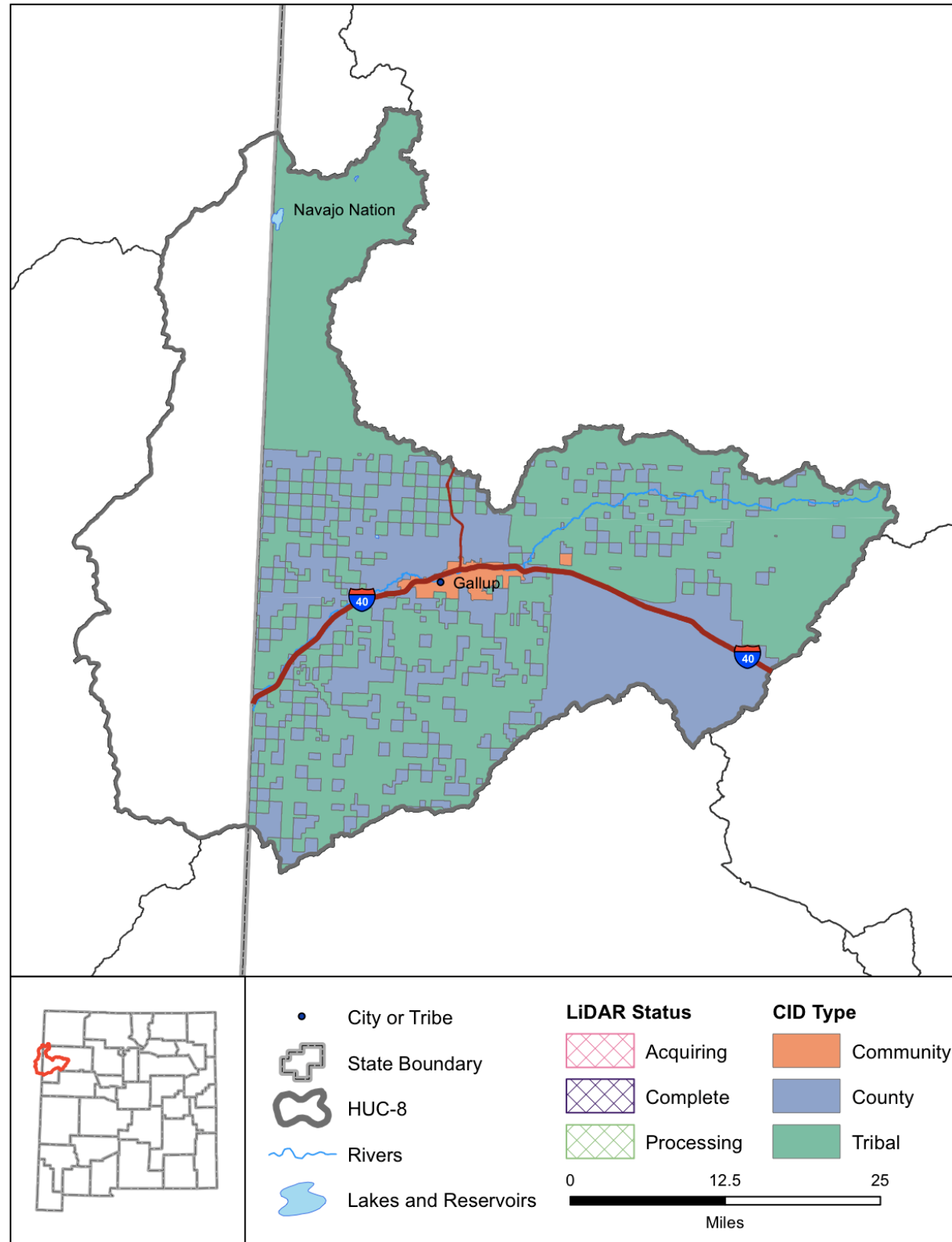
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	0
Very High Priority	0

**Vegetation Treatments 2006-2016**

Acres Treated	216,960
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## Upper Puerco



### Description

The Upper Puerco watershed is home to approximately 50,000 people in New Mexico and is located on the western border of the state. Within New Mexico, The Puerco River is the primary hydrologic feature with smaller intermittent tributaries. There is extensive FIRM data within the watershed except for tribal land. There is no lidar data for the watershed. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

McKinley, San Juan

### Communities

Gallup

### Tribal Nations

Navajo Nation, Zuni Pueblo

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 15020006

#### Watershed Characteristics

Area (sq mi)	1,916
Population in NM	49,316
CNMS Streams (mi)	279
Maximum Elevation (feet)	9,265
Minimum Elevation (feet)	6,167
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	71.08 %
Private	12.55 %
State	3.85 %
Tribal	68.5 %
Federal	15.1 %
States	AZ, NM

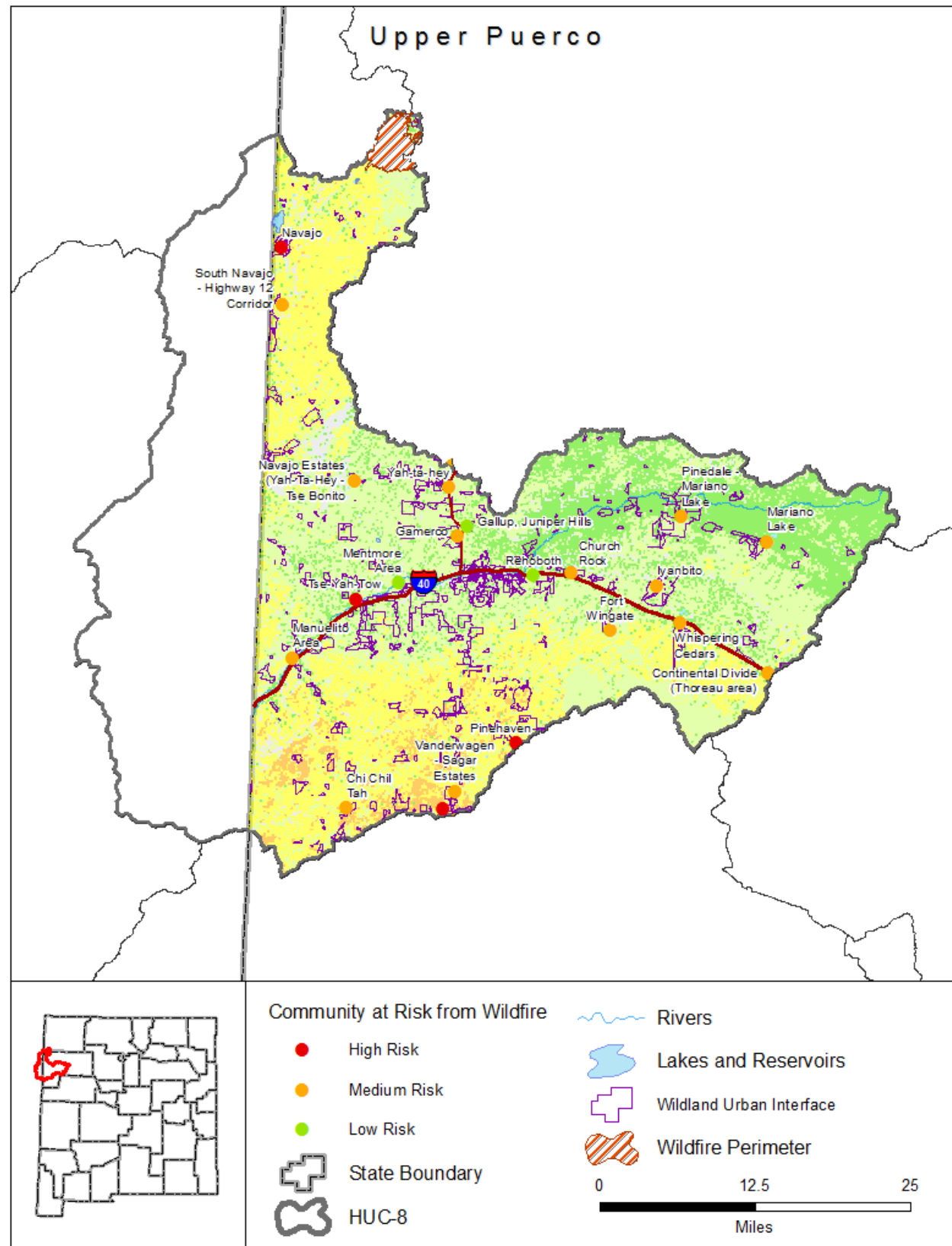
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	6
NFIP Communities	4
NFIP Policies	96
Policies within the SFHA	74
Policies outside of the SFHA	22
NFIP Premium Total	\$ 84,059
NFIP Claims	13
Claims within the SFHA	7
Claims outside of the SFHA	6
Paid Claims	\$ 13,284
Repetitive Loss Structures	1
Repetitive Loss Claims	2
Rep Loss Structures within SFHA	1
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 12,090

## Upper Puerco



**Risk Rank:** High

### Description

The Upper Puerco watershed is at high risk of wildfire. The communities of Cousins Trading Post, Navajo, Pinehaven, Tse-Yah-Tow were identified as high risk in the local Community Wildfire Protection Plan. A total of 7,783 acres have burned during 1 wildfire event over the last ten years.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for portion of the southeastern corner of the watershed.

### Counties

McKinley, San Juan

### Communities

Gallup

### Tribal Nations

Navajo Nation, Zuni Pueblo

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

Cousins Trading Post, Navajo, Pinehaven, Tse-Yah-Tow

### Watershed 15020006

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	21%
Low	42%
Moderate	30%
High	3%
Very High	0%
Non-Burnable	4%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	1
Acres Burned 2006-2016	7,783

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.19%
Intermix	6.77%
Acres	
Interface	1,659
Intermix	58,897
WUI Addressed Structures	1021

#### Communities at Risk from Wildland Fire

High Risk	4
Medium Risk	14
Low Risk	3

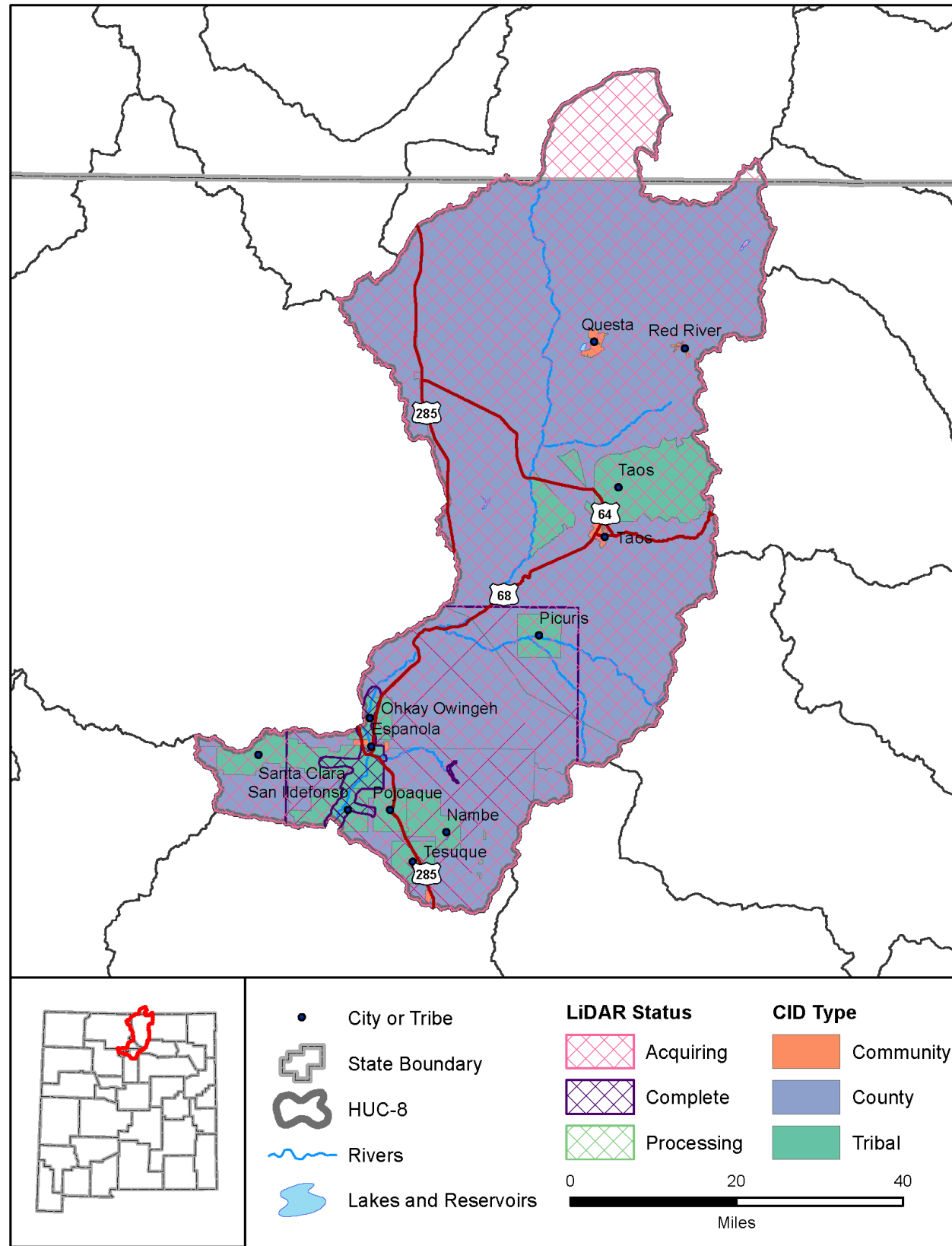
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	24
Very High Priority	2

#### Vegetation Treatments 2006-2016

Acres Treated	0
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## Upper Rio Grande



### Description

The Upper Rio Grande watershed is home to approximately 85,000 people in north-central New Mexico. The watershed has significant topographic relief from the San Juan and Sangre de Cristo Mountains. The Rio Grande is the major hydrologic feature. FIRM data is widely available throughout the watershed except for tribal land. Lidar data will be collected in 2015 for use in future non-regulatory and regulatory flood risk projects.

### Lidar Data Availability

USGS Quality Level 2 lidar data is expected to be collected in fall 2015 for the entire watershed with delivery planned for fall of 2016. The USACE collected lidar for the Espanola Rio Grande Valley in 2007. The USACE collected post-wildfire lidar data fo

### Counties

Colfax, Los Alamos, Mora, Rio Arriba, Sandoval, Santa Fe, Taos

### Communities

Angel Fire, Espanola, Questa, Red River, Santa Fe, Taos

### Tribal Nations

Nambe Pueblo, Ohkay Owingeh, Picuris Pueblo, Pueblo of Pojoaque, San Ildefonso Pueblo, Santa Clara Pueblo, Taos Pueblo, Tesuque Pueblo

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_068015.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_068015.pdf)

### Watershed 13020101

#### Watershed Characteristics

Area (sq mi)	3,252
Population in NM	84,796
CNMS Streams (mi)	953
Maximum Elevation (feet)	13,166
Minimum Elevation (feet)	5,469
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	95.03 %
Private	27.08 %
State	3.67 %
Tribal	13.37 %
Federal	55.87 %
States	NM, CO

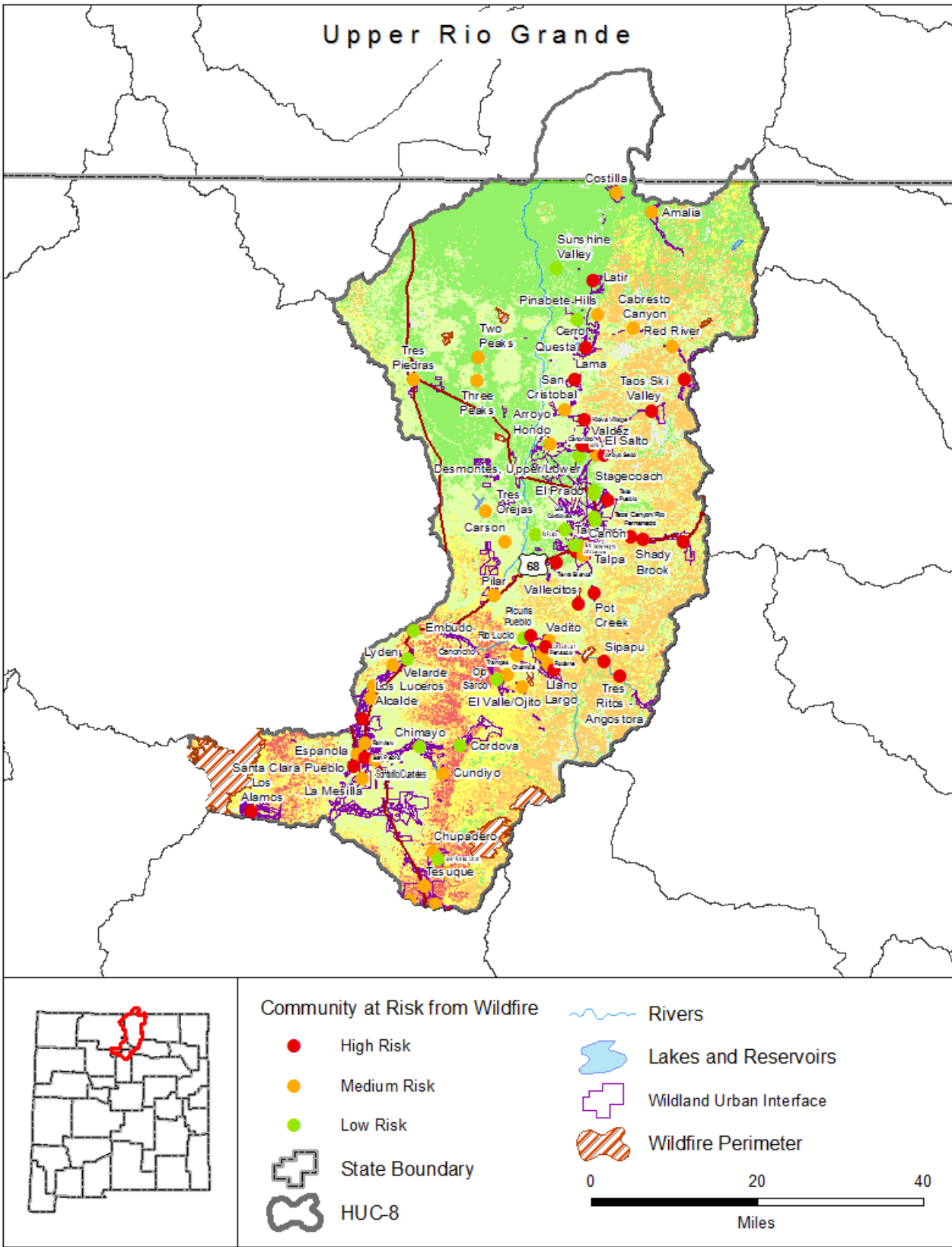
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	21
NFIP Communities	13
NFIP Policies	433
Policies within the SFHA	255
Policies outside of the SFHA	178
NFIP Premium Total	\$ 391,041
NFIP Claims	59
Claims within the SFHA	18
Claims outside of the SFHA	41
Paid Claims	\$ 229,222
Repetitive Loss Structures	1
Repetitive Loss Claims	2
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	1
Repetitive Loss Total	\$ 4,757

### Upper Rio Grande



Risk Rank: High

**Description**

The Upper Rio Grande watershed is at high risk of wildfire. The communities of El Salto, Gallina Canyon, Kiowa Village, Lama, Latir, Llano Largo, Llano Quemado, Llano San Juan, Los Alamos, Picuris Pueblo, Pot Creek, Questa, San Juan Pueblo, San Pedro, Santa Clara Pueblo, Shady Brook, Sipapu, Taos Canyon/Rio Fernanado, Taos Pueblo, Taos Ski Valley, Tierra Blanca, Tres Ritos - Angostora, Upper Red River Valley, Valdez, Valle Escondido, and Vallecitos were identified as high risk in the local Community Wildfire Protection Plan. A total of 47,019 acres have burned during 18 wildfire events over the last ten years. A portion of the watershed has been modeled by the United States Geological Survey for Potential postwildfire debris-flow hazards.

**Lidar Data Availability**

USGS Quality Level 2 lidar data is expected to be collected in fall 2016. The USACE collected lidar for the Espanola Rio Grande Valley in 2007. The USACE collected post-wildfire lidar data for the Jaroso fire in 2013.

**Counties**

Colfax, Los Alamos, Mora, Rio Arriba, Sandoval, Santa Fe, Taos

**Communities**

Angel Fire, Espanola, Questa, Red River, Santa Fe, Taos

**Tribal Nations**

Nambe Pueblo, Ohkay Owingeh, Picuris Pueblo, Pueblo of Pojoaque, San Ildefonso Pueblo, Santa Clara Pueblo, Taos Pueblo, Tesuque Pueblo

**Debris Flow Modeling**

Tillery, A.C., and Haas, J.R., 2016, Potential postwildfire debris-flow hazards—A prewildfire evaluation for the Jemez Mountains, north-central New Mexico: U.S. Geological Survey Scientific-Investigations Report 2016-5101, 27 p., <http://dx.doi.org/10.3133/sir20165101>.

**Communities at High Risk of Wildland Fire**

El Salto, Gallina Canyon, Kiowa Village, Lama, Latir, Llano Largo, Llano Quemado, Llano San Juan, Los Alamos, Picuris Pueblo, Pot Creek, Questa, San Juan Pueblo, San Pedro, Santa Clara Pueblo, Shady Brook, Sipapu, Taos Canyon/Rio Fernanado, Taos Pueblo, Tesuque Pueblo

**Watershed 13020101**

**Watershed Fire Risk**

Risk Level	Percent Watershed Area
Very Low	26%
Low	32%
Moderate	14%
High	21%
Very High	4%
Non-Burnable	3%
Water	0%

**Watershed Characteristics**

Wildfires 2006-2016	18
Acres Burned 2006-2016	47,019

**Wildland Urban Interface**

WUI Classification	Percent Watershed Area
Interface	1.27%
Intermix	6.13%
Acres	
Interface	25,102
Intermix	121,432
WUI Addressed Structures	2105

**Communities at Risk from Wildland Fire**

High Risk	26
Medium Risk	35
Low Risk	18

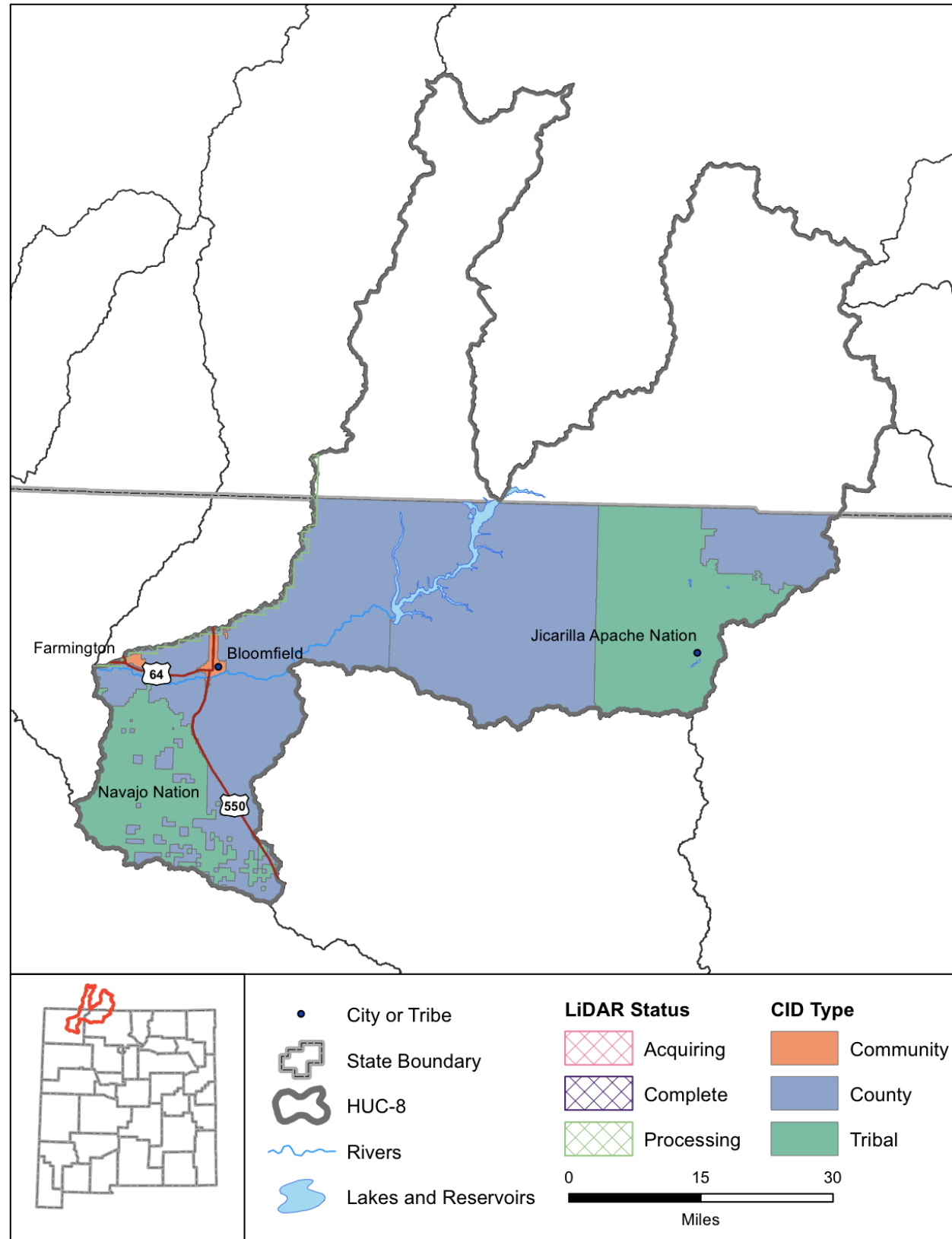
**Nature Conservancy HUC 12 At-Risk Watersheds Rankings**

High Priority	21
Very High Priority	30

**Vegetation Treatments 2006-2016**

Acres Treated	31,360
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## Upper San Juan



### Description

The Upper San Juan watershed is home to approximately 32,000 people in New Mexico and is located along the northern border of the state. Approximately 50% of the watershed is located within New Mexico. The watershed has significant topographic relief resulting from the Continental Divide. The San Juan River is the primary hydrologic feature with smaller intermittent tributaries. FIRM data is fairly extensive within the watershed except in tribal land but no lidar data is available. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Rio Arriba, San Juan

### Communities

Aztec, Bloomfield, Farmington

### Tribal Nations

Jicarilla Apache Nation Reservation, Navajo Nation

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_066031.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_066031.pdf)

### Watershed 14080101

#### Watershed Characteristics

Area (sq mi)	3,432
Population in NM	31,120
CNMS Streams (mi)	730
Maximum Elevation (feet)	9,909
Minimum Elevation (feet)	5,248
High Hazard Potential Dams	7
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	3

#### Ownership

Percent in New Mexico	52.61 %
Private	16.95 %
State	4.34 %
Tribal	31.96 %
Federal	46.74 %
States	CO, NM

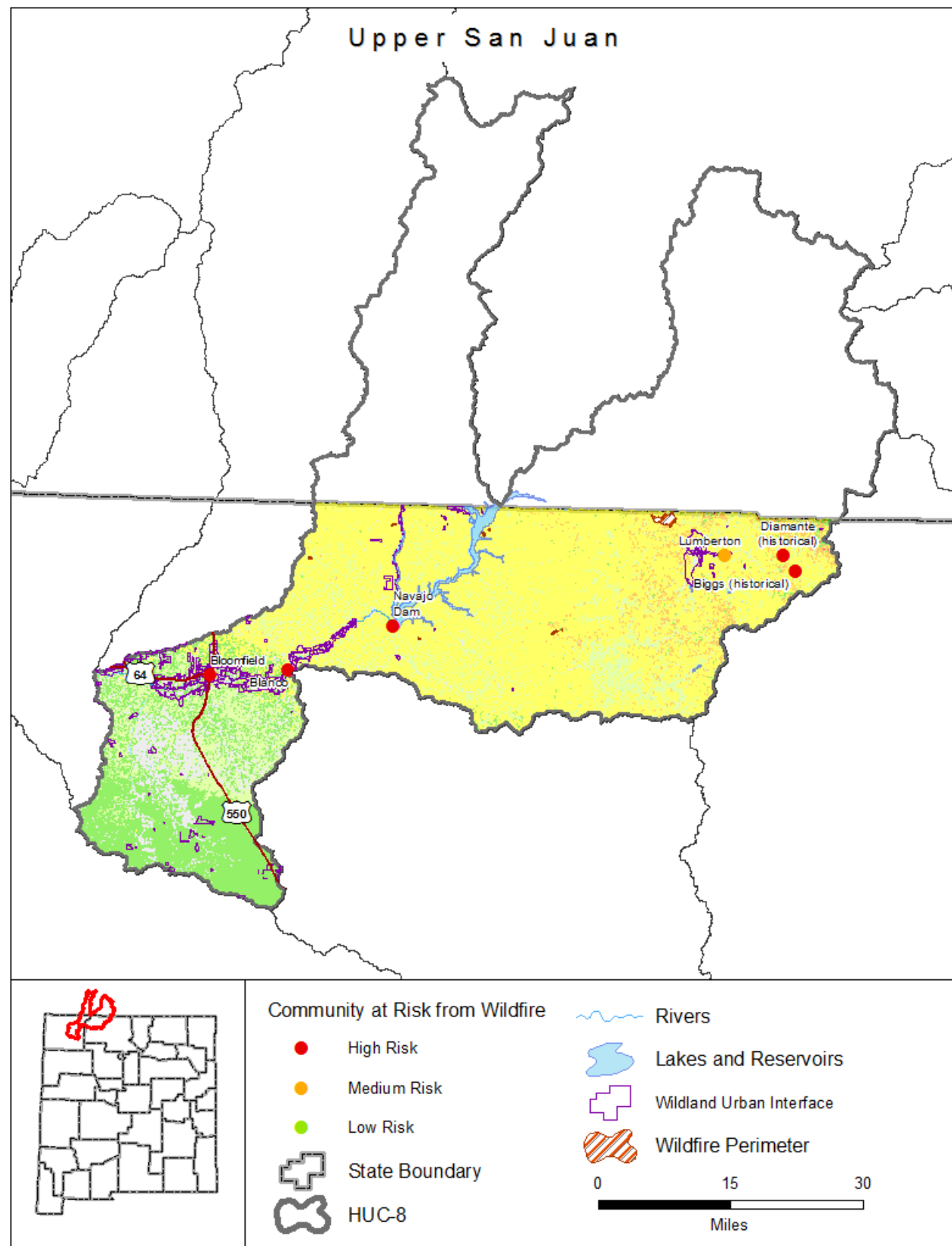
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	7
NFIP Communities	5
NFIP Policies	54
Policies within the SFHA	23
Policies outside of the SFHA	31
NFIP Premium Total	\$ 38,727
NFIP Claims	6
Claims within the SFHA	3
Claims outside of the SFHA	3
Paid Claims	\$ 4,535
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Upper San Juan



**Risk Rank:** Medium

### Description

The Upper San Juan watershed is at medium risk of wildfire. The communities of Biggs (historical), Blanco, Bloomfield, Diamante (historical), Navajo Dam were identified as high risk in the local Community Wildfire Protection Plan. A total of 1,760 acres have burned during 8 wildfire events over the last ten years.

### Lidar Data Availability

No significant lidar available.

### Counties

Rio Arriba, San Juan

### Communities

Aztec, Bloomfield, Farmington

### Tribal Nations

Jicarilla Apache Nation Reservation, Navajo Nation

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

Biggs (historical), Blanco, Bloomfield, Diamante (historical), Navajo Dam

### Watershed 14080101

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	18%
Low	17%
Moderate	55%
High	3%
Very High	0%
Non-Burnable	6%
Water	1%

#### Watershed Characteristics

Wildfires 2006-2016	8
Acres Burned 2006-2016	1,760

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	1.42%
Intermix	2.07%
Acres	
Interface	16,448
Intermix	23,984
WUI Addressed Structures	378

#### Communities at Risk from Wildland Fire

High Risk	5
Medium Risk	1
Low Risk	0

#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

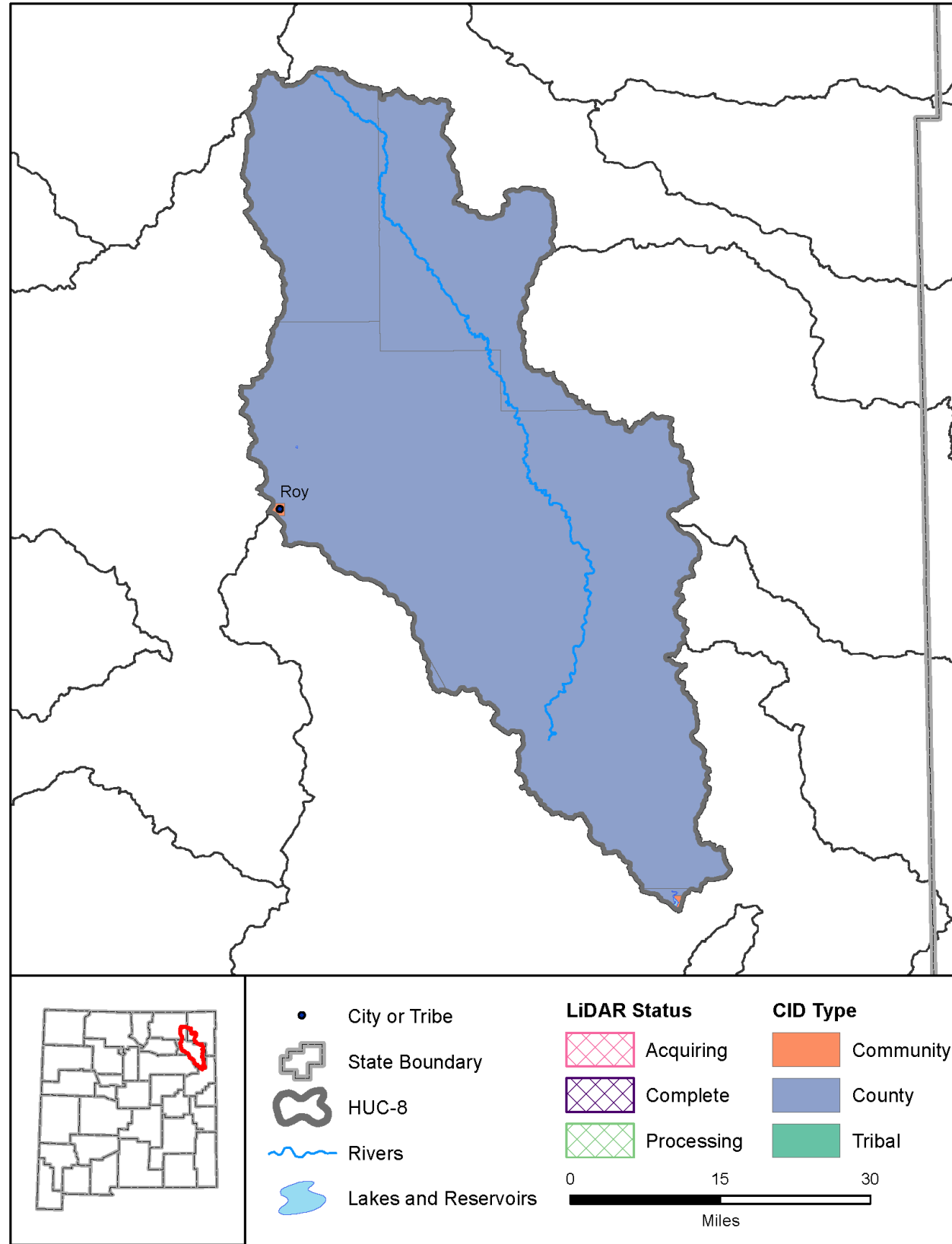
High Priority	25
Very High Priority	5

#### Vegetation Treatments 2006-2016

Acres Treated	25,600
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## Ute



### Description

The Ute watershed is home to approximately 900 people in northeastern New Mexico. The primary hydrographic features are Tequesquite Creek, Palo Blanco Creek, and Carrizo Creek. There is no FHBM or FIRM data for the watershed. There is no lidar data available. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Colfax, Harding, Quay, San Miguel, Union

### Communities

Logan, Roy

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 11080007

#### Watershed Characteristics

Area (sq mi)	2,125
Population in NM	889
CNMS Streams (mi)	0
Maximum Elevation (feet)	8,373
Minimum Elevation (feet)	3,748
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	100 %
Private	73.68 %
State	23.32 %
Tribal	0 %
Federal	3.01 %
States	NM

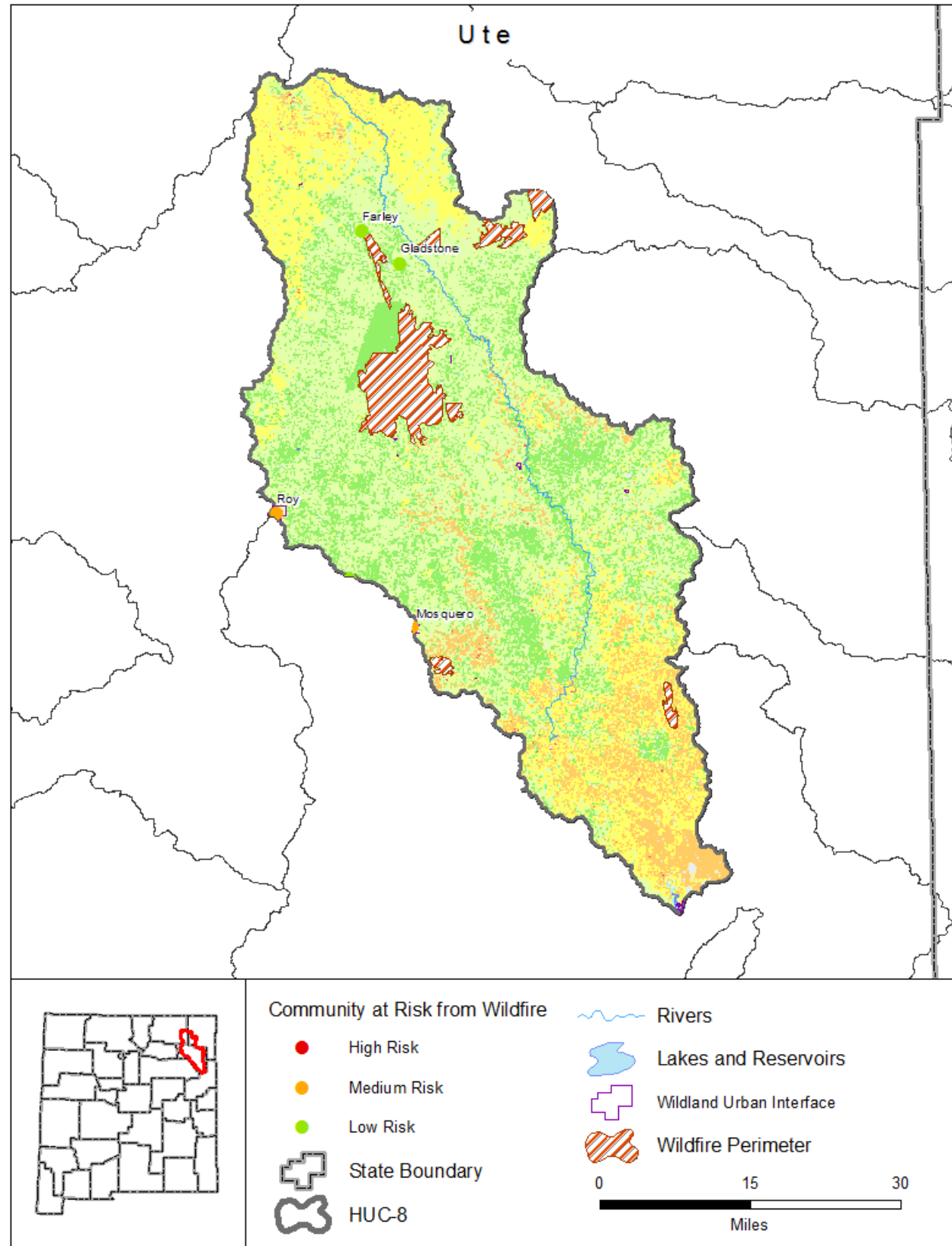
#### Flood Maps

DFIRM Available	No
FHBM Available	No

#### NFIP Statistics

CID Communities	7
NFIP Communities	4
NFIP Policies	0
Policies within the SFHA	0
Policies outside of the SFHA	0
NFIP Premium Total	\$ 0
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

Ute



Risk Rank: Medium

Description

The Ute watershed is at medium risk of wildfire and no communities at high risk were identified in the local Community Wildfire Protection Plan. A total of 61,858 acres have burned during 11 wildfire events over the last ten years.

Lidar Data Availability

No significant lidar available.

Counties

Colfax, Harding, Quay, San Miguel, Union

Communities

Logan, Roy

Tribal Nations

No tribal nations within this watershed.

Debris Flow Modeling

None.

Communities at High Risk of Wildland Fire

None.

Watershed 11080007

Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	26%
Low	43%
Moderate	21%
High	9%
Very High	0%
Non-Burnable	1%
Water	0%

Watershed Characteristics

Wildfires 2006-2016	11
Acres Burned 2006-2016	61,858

Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.01%
Intermix	0.09%
	Acres
Interface	195
Intermix	1,282
WUI Addressed Structures	59

Communities at Risk from Wildland Fire

High Risk	0
Medium Risk	2
Low Risk	2

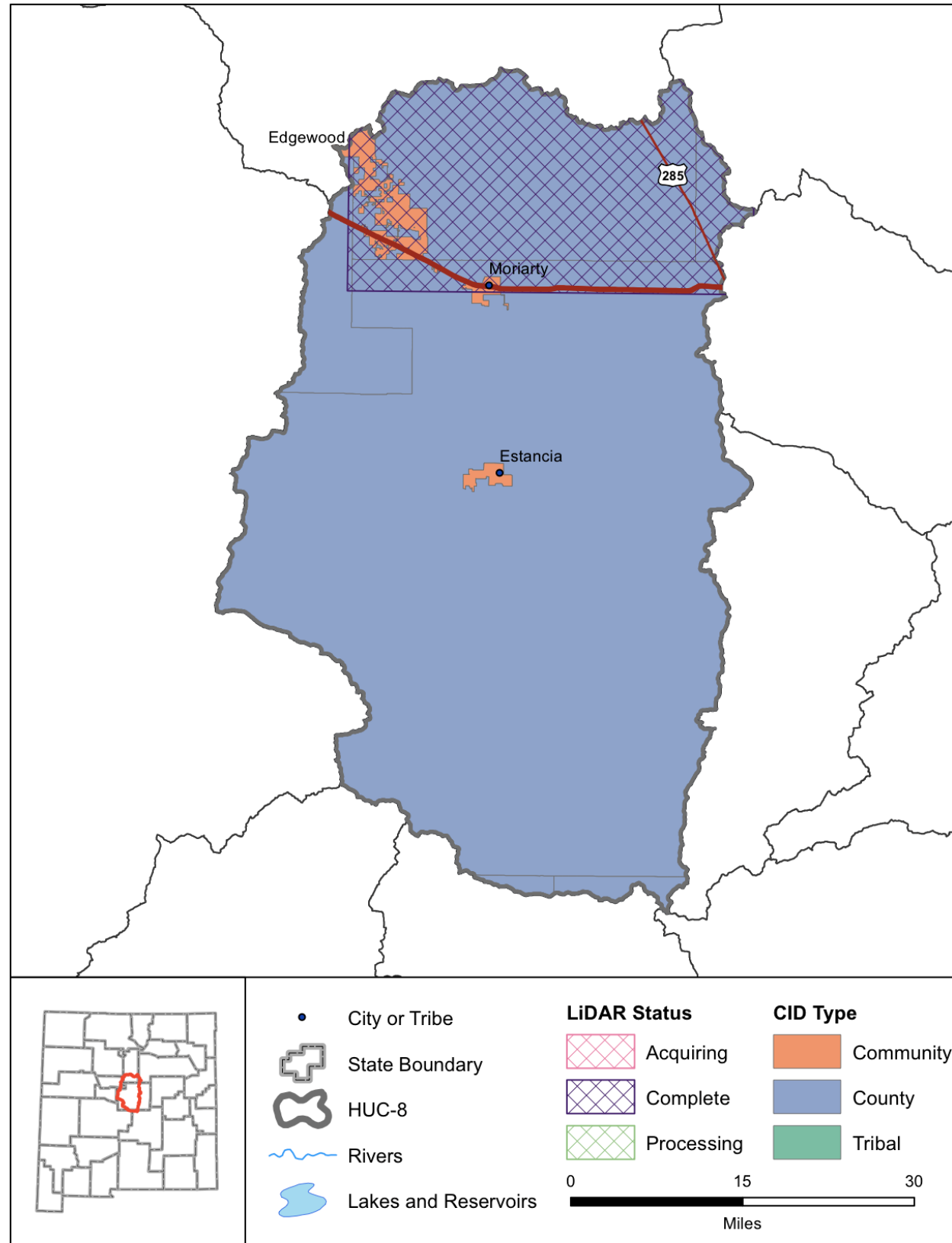
Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	1
Very High Priority	0

Vegetation Treatments 2006-2016

Acres Treated	0
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## Western Estancia



### Description

The Western Estancia watershed is home to approximately 30,000 people in central New Mexico. There is significant topographic relief from the Manzano Mountains. The playas of the Estancia Basin are the major hydrologic feature. The watershed has both FHBM and FIRM data, except within tribal lands. Lidar data is available in the northern part of the watershed from the Santa Fe County acquisition of 2014. Local officials should be contacted to determine their need for flood risk products.

### Lidar Data Availability

USGS Quality Level 2 lidar data was collected by Santa Fe that covers the northern section of the watershed. Data should be delivered by the end of 2015.

### Counties

Bernalillo, Lincoln, San Miguel, Santa Fe, Socorro, Torrance

### Communities

Edgewood, Estancia, Moriarty

### Tribal Nations

Isleta Pueblo

### NRCS Rapid Watershed Assessment

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs144p2\\_068349.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_068349.pdf)

### Watershed 13050001

#### Watershed Characteristics

Area (sq mi)	2,423
Population in NM	31,096
CNMS Streams (mi)	458
Maximum Elevation (feet)	100,88
Minimum Elevation (feet)	5,940
High Hazard Potential Dams	0
Significant Hazard Potential Dams	1
Low Hazard Potential Dams	1

#### Ownership

Percent in New Mexico	100 %
Private	76.44 %
State	15.87 %
Tribal	0.01 %
Federal	7.68 %
States	NM

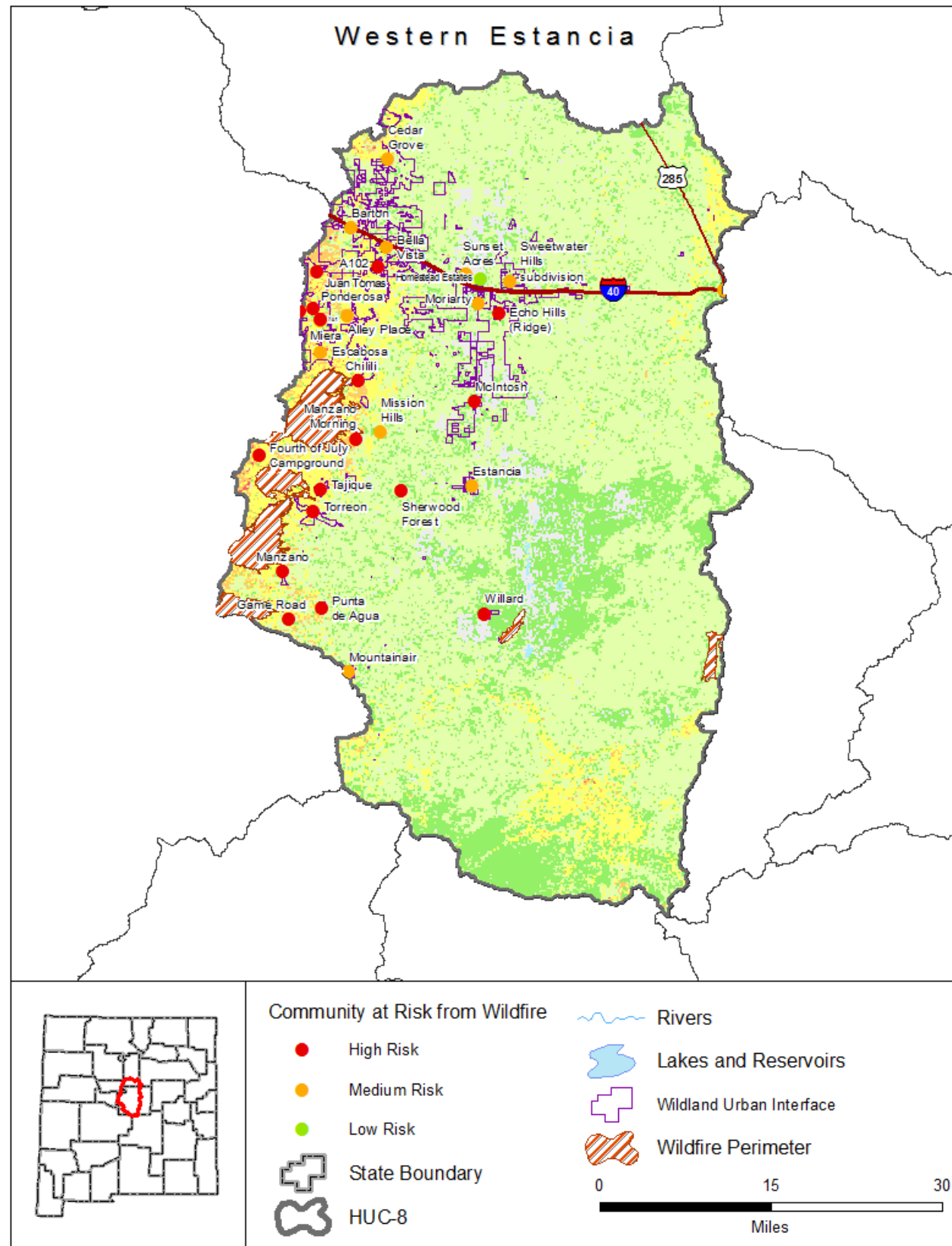
#### Flood Maps

DFIRM Available	Yes
FHBM Available	Yes

#### NFIP Statistics

CID Communities	10
NFIP Communities	9
NFIP Policies	158
Policies within the SFHA	121
Policies outside of the SFHA	37
NFIP Premium Total	\$ 155,974
NFIP Claims	2
Claims within the SFHA	0
Claims outside of the SFHA	2
Paid Claims	\$ 313
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Western Estancia



Risk Rank: Medium

### Description

The Western Estancia watershed is at medium risk of wildfire. The communities of A102, Chilili, Echo Hills (Ridge), Fourth of July Campground, Game Road, Juan Tomas, Manzano, Manzano Morning, McIntosh, Ponderosa, Punta de Agua, Sherwood Forest, Tajique, Torreon, Willard, Yrisarri were identified as high risk in the local Community Wildfire Protection Plan. A total of 44,062 acres have burned during 19 wildfire events over the last ten years. A portion of the watershed has been modeled by the United States Geological Survey for Potential postwildfire debris-flow hazards.

### Lidar Data Availability

USGS Quality Level 2 lidar data was collected by Santa Fe that covers the northern section of the watershed.

### Counties

Bernalillo, Lincoln, San Miguel, Santa Fe, Socorro, Torrance

### Communities

Edgewood, Estancia, Moriarty

### Tribal Nations

Isleta Pueblo

### Debris Flow Modeling

Tillery, A.C., Haas, J.R., Miller, L.W., Scott, J.H., and Thompson, M.P., 2014, Potential postwildfire debris-flow hazards—A prewildfire evaluation for the Sandia and Manzano Mountains and surrounding areas, Central New Mexico: U.S. Geological Survey Scientific Investigations Report 2014-5161, 24 p. with appendix, <http://dx.doi.org/10.3133/sir20145161>.

### Communities at High Risk of Wildland Fire

A102, Chilili, Echo Hills (Ridge), Fourth of July Campground, Game Road, Juan Tomas, Manzano, Manzano Morning, McIntosh, Ponderosa, Punta de Agua, Sherwood Forest, Tajique, Torreon, Willard, Yrisarri

### Watershed 13050001

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	21%
Low	60%
Moderate	11%
High	2%
Very High	0%
Non-Burnable	5%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	19
Acres Burned 2006-2016	44,062

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.11%
Intermix	6.23%
	Acres
Interface	1,692
Intermix	96,575
WUI Addressed Structures	1054

#### Communities at Risk from Wildland Fire

High Risk	16
Medium Risk	12
Low Risk	1

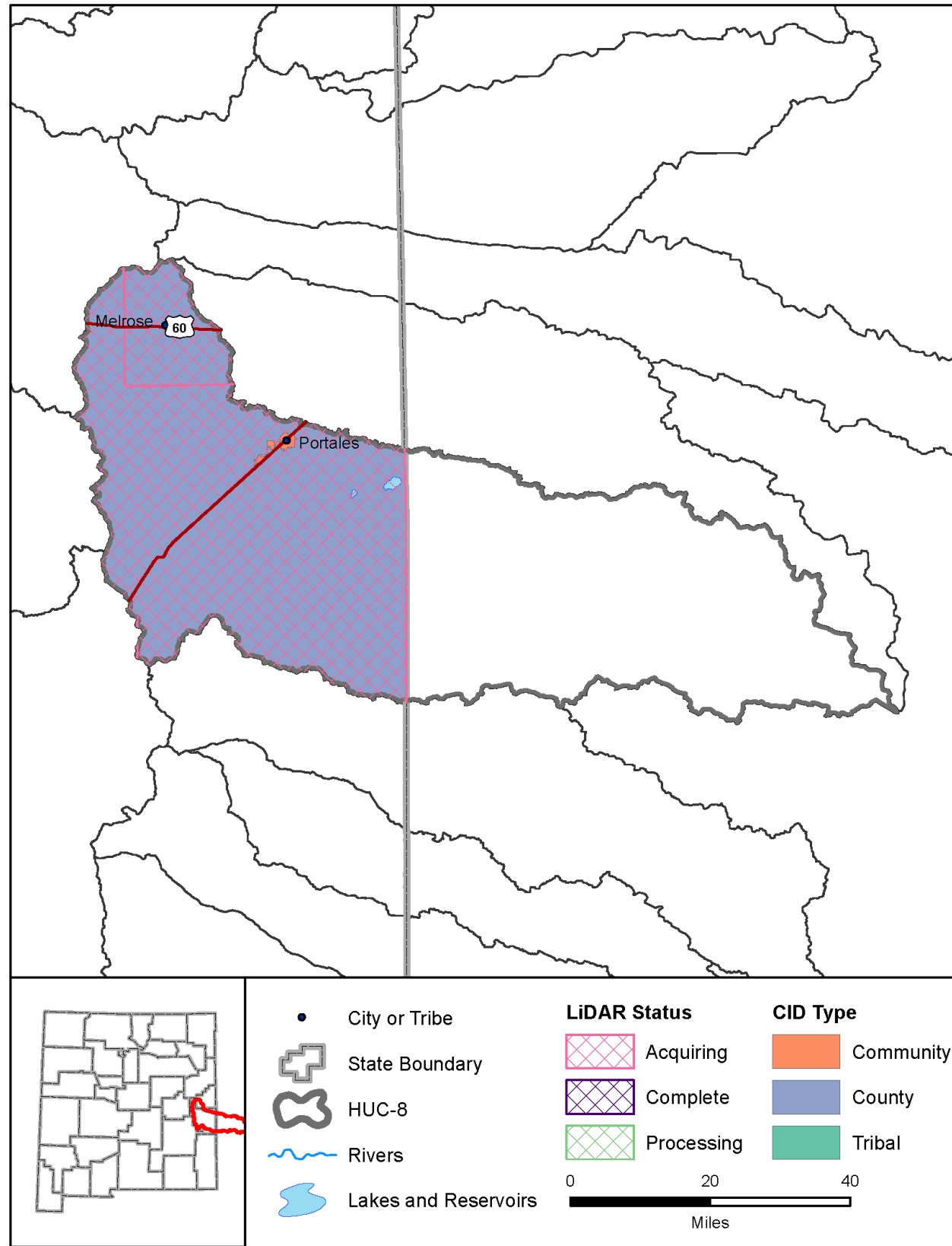
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	12
Very High Priority	0

#### Vegetation Treatments 2006-2016

Acres Treated	1,280
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## Yellow House Draw



### Description

The Yellow House Draw watershed is home to approximately 18,000 people along the eastern border of New Mexico. The watershed is part of the eastern plains. The primary hydrographic feature is Salt Lake. Limited FIRM data exists within the watershed. Lidar data is anticipated being collected in 2015 for regulatory and non-regulatory flood risk projects. Local officials should be contacted to determine their need for flood risk products but future studies should be conducted in partnership with Texas.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for the western portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Chaves, Curry, Roosevelt

### Communities

Melrose, Portales

### Tribal Nations

No tribal nations within this watershed.

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 12050001

#### Watershed Characteristics

Area (sq mi)	3,672
Population in NM	18,296
CNMS Streams (mi)	85
Maximum Elevation (feet)	4,724
Minimum Elevation (feet)	3,850
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	50.97 %
Private	89.69 %
State	8.05 %
Tribal	0 %
Federal	2.24 %
States	NM, TX

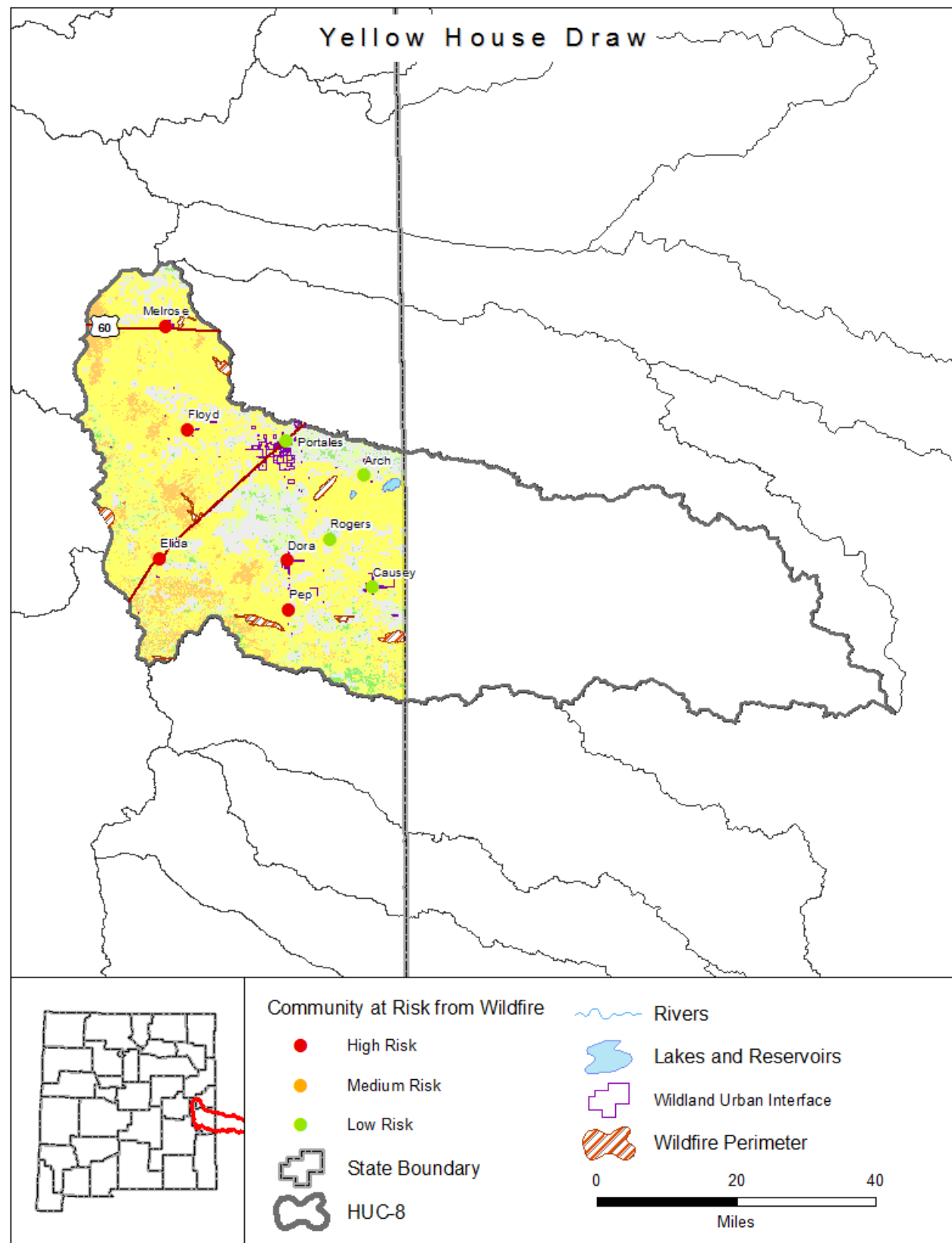
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	5
NFIP Communities	4
NFIP Policies	519
Policies within the SFHA	496
Policies outside of the SFHA	23
NFIP Premium Total	\$ 292,802
NFIP Claims	17
Claims within the SFHA	14
Claims outside of the SFHA	3
Paid Claims	\$ 36,549
Repetitive Loss Structures	2
Repetitive Loss Claims	5
Rep Loss Structures within SFHA	1
Rep Loss Structures outside SFHA	1
Repetitive Loss Total	\$ 14,021

## Yellow House Draw



**Risk Rank:** High

### Description

The Yellow House Draw watershed is at high risk of wildfire. The communities of Dora, Elida, Floyd, Melrose, and Pep were identified as high risk in the local Community Wildfire Protection Plan. A total of 16,150 acres have burned during 11 wildfire events over the last ten years. Lidar data was collected for the New Mexico portion of the watershed in 2015 by FEMA.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for the western portion of the watershed as part of a broader collection for Curry and Roosevelt Counties in the fall of 2015.

### Counties

Chaves, Curry, Roosevelt

### Communities

Melrose, Portales

### Tribal Nations

No tribal nations within this watershed.

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

Dora, Elida, Floyd, Melrose, Pep

### Watershed 12050001

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	3%
Low	10%
Moderate	60%
High	8%
Very High	0%
Non-Burnable	19%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	11
Acres Burned 2006-2016	16,150

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.32%
Intermix	0.62%
	Acres
Interface	3,780
Intermix	7,450
WUI Addressed Structures	182

#### Communities at Risk from Wildland Fire

High Risk	5
Medium Risk	0
Low Risk	4

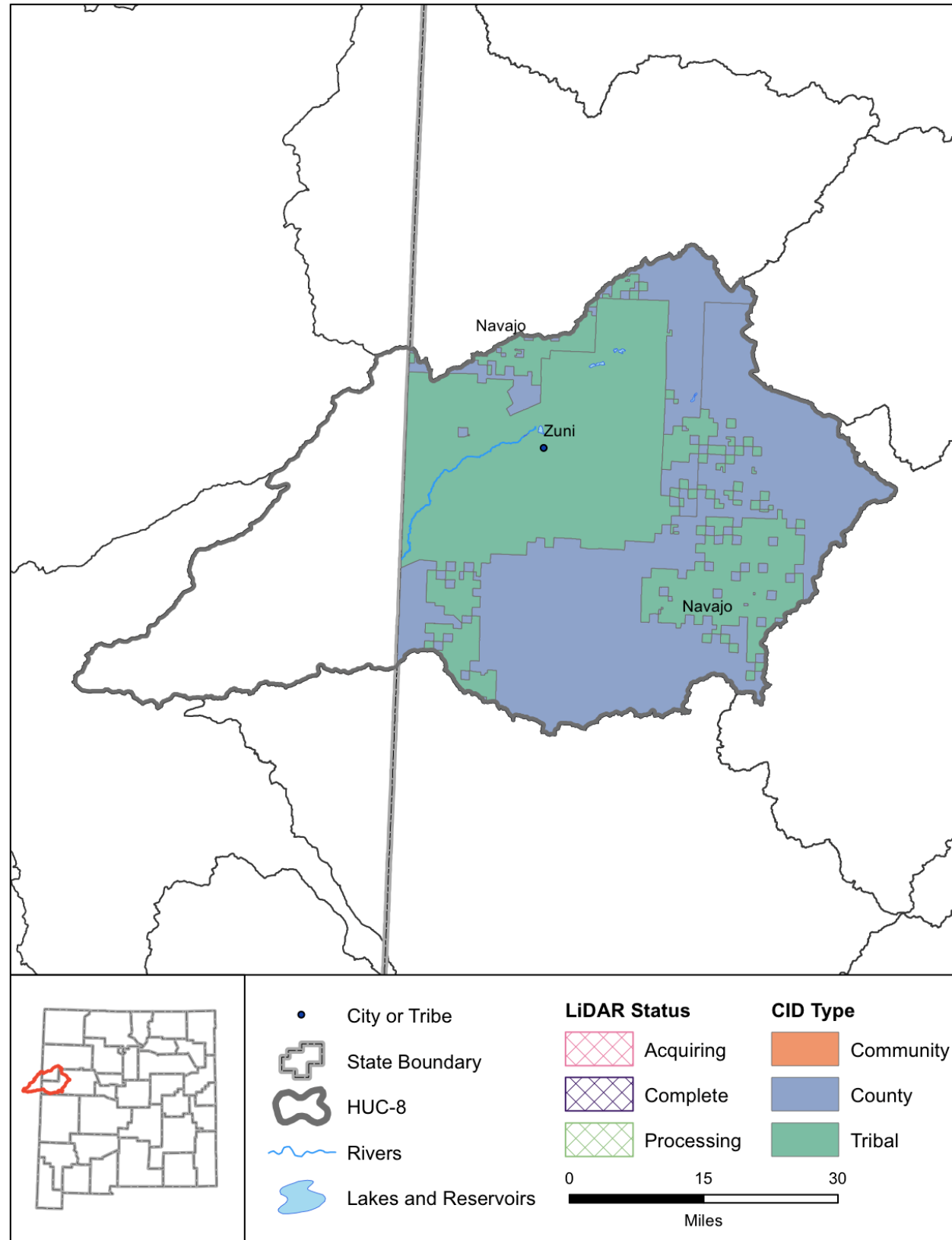
#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	0
Very High Priority	0

#### Vegetation Treatments 2006-2016

Acres Treated	0
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## Zuni



### Description

The Zuni watershed is home to approximately 12,000 people in New Mexico and is located on the western border of the state. The New Mexico portion of the watershed is bound by the Zuni Mountains to the north and west. The Zuni River is the primary hydrologic feature with smaller intermittent tributaries. There is extensive FIRM data within the watershed except for tribal land. There is no lidar data for the watershed. Local officials should be contacted to determine their need for additional flood risk products.

### Lidar Data Availability

No significant lidar available.

### Counties

Cibola, McKinley

### Communities

No communities within this watershed.

### Tribal Nations

Navajo Nation, Zuni Pueblo

### NRCS Rapid Watershed Assessment

No watershed assessment available for this watershed.

### Watershed 15020004

#### Watershed Characteristics

Area (sq mi)	2,674
Population in NM	12,366
CNMS Streams (mi)	344
Maximum Elevation (feet)	9,140
Minimum Elevation (feet)	6,047
High Hazard Potential Dams	0
Significant Hazard Potential Dams	0
Low Hazard Potential Dams	0

#### Ownership

Percent in New Mexico	73.9 %
Private	37.59 %
State	8.17 %
Tribal	45.68 %
Federal	8.55 %
States	AZ, NM

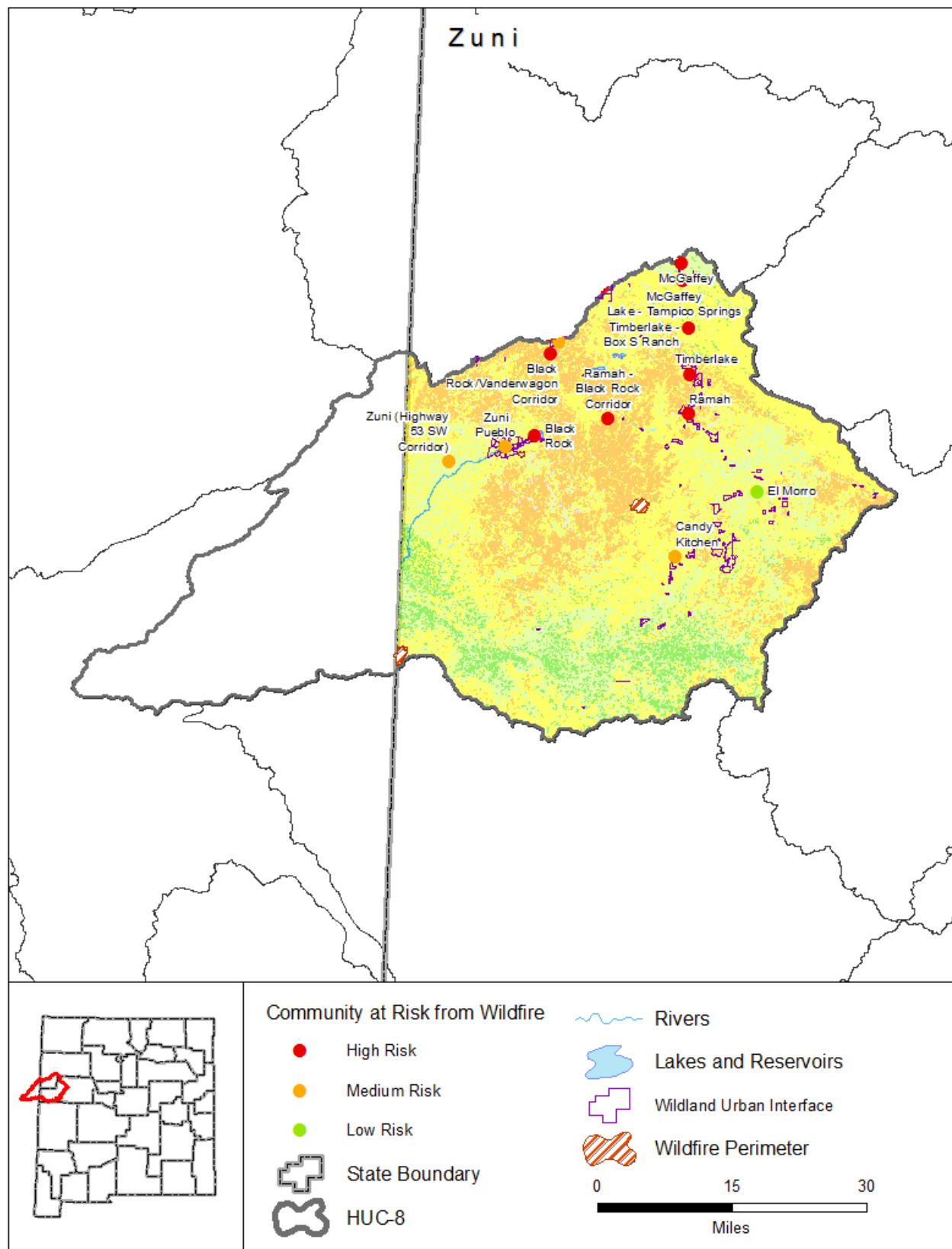
#### Flood Maps

DFIRM Available	Yes
FHBM Available	No

#### NFIP Statistics

CID Communities	4
NFIP Communities	3
NFIP Policies	3
Policies within the SFHA	1
Policies outside of the SFHA	2
NFIP Premium Total	\$ 4,229
NFIP Claims	0
Claims within the SFHA	0
Claims outside of the SFHA	0
Paid Claims	\$ 0
Repetitive Loss Structures	0
Repetitive Loss Claims	0
Rep Loss Structures within SFHA	0
Rep Loss Structures outside SFHA	0
Repetitive Loss Total	\$ 0

## Zuni



**Risk Rank: High**

### Description

The Zuni watershed is at high risk of wildfire. The communities of Black Rock, Black Rock/Vanderwagon Corridor, McGaffey, McGaffey Lake - Tampico Springs, Ramah, Ramah - Black Rock Corridor, Timberlake, and Timberlake - Box S Ranch were identified as high risk in the local Community Wildfire Protection Plan. A total of 2,671 acres have burned during 4 wildfire events over the last ten years.

### Lidar Data Availability

A collection of federal agencies anticipates collecting USGS QL2 lidar for portion of the northeastern corner of the watershed.

### Counties

Cibola, McKinley

### Communities

No communities within this watershed.

### Tribal Nations

Navajo Nation, Zuni Pueblo

### Debris Flow Modeling

None.

### Communities at High Risk of Wildland Fire

Black Rock, Black Rock/Vanderwagon Corridor, McGaffey, McGaffey Lake - Tampico Springs, Ramah, Ramah - Black Rock Corridor, Timberlake, Timberlake - Box S Ranch

### Watershed 15020004

#### Watershed Fire Risk

Risk Level	Percent Watershed Area
Very Low	7%
Low	24%
Moderate	47%
High	20%
Very High	0%
Non-Burnable	1%
Water	0%

#### Watershed Characteristics

Wildfires 2006-2016	4
Acres Burned 2006-2016	2,671

#### Wildland Urban Interface

WUI Classification	Percent Watershed Area
Interface	0.01%
Intermix	1.19%
Acres	
Interface	182
Intermix	14,959
WUI Addressed Structures	261

#### Communities at Risk from Wildland Fire

High Risk	8
Medium Risk	4
Low Risk	1

#### Nature Conservancy HUC 12 At-Risk Watersheds Rankings

High Priority	26
Very High Priority	6

#### Vegetation Treatments 2006-2016

Acres Treated	1,280
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Appendix A

Flood Risk Results & Survey Results

Flood Risk in New Mexico

Since 1953 there have been 18 federally declared flood related disasters. The federal government has allocated \$338,252,488 dollars to flooding related disasters within New Mexico since 2000. Please note that these figures do not include the local or state match this is often required to utilize these funds. See Table 1. To view an interactive graphic and map of the disasters listed below, visit the [FEMA Data Visualization and Disaster Declarations for States and Counties website](#). To obtain detailed information about a single event visit the [FEMA Disaster Declarations website](#).

Disaster	Year	Total
DR-4199	2014	\$ 12,383,118.64
DR-4197	2014	\$ 12,041,151.92
DR-4152	2013	\$ 84,914,591.30
DR-4148	2013	\$ 11,584,570.46
DR-4079	2012	\$ 36,001,035.10
DR-4047	2011	\$ 39,807,181.48
DR-1936	2010	\$ 22,490,771.14
DR-1783	2008	\$ 23,445,346.56
DR-1659	2006	\$ 68,897,483.41
DR-1514	2004	\$ 8,928,659.39
DR-4151	2013	\$ 17,618,439.04
DR-4147	2013	\$ 140,139.70
<b>Total</b>		<b>\$ 338,252,488.14</b>

Table 3 – Federal Disaster Declarations (2000-2015) related to flooding.

In addition to the economic toll, floods have resulted in the [loss of 64 lives and 78 serious injuries in New Mexico](#). Most of the fatalities occurred in a car. See Figure 1. In an attempt to reduce the number of automobile related fatalities, injuries, and rescues, New Mexico has recently begun the identification and marking of low water crossings with “When Flooded Turn Around Don’t Drown” signs. Visit the [New Mexico Turn Around Don’t Drown Website](#) for more information.

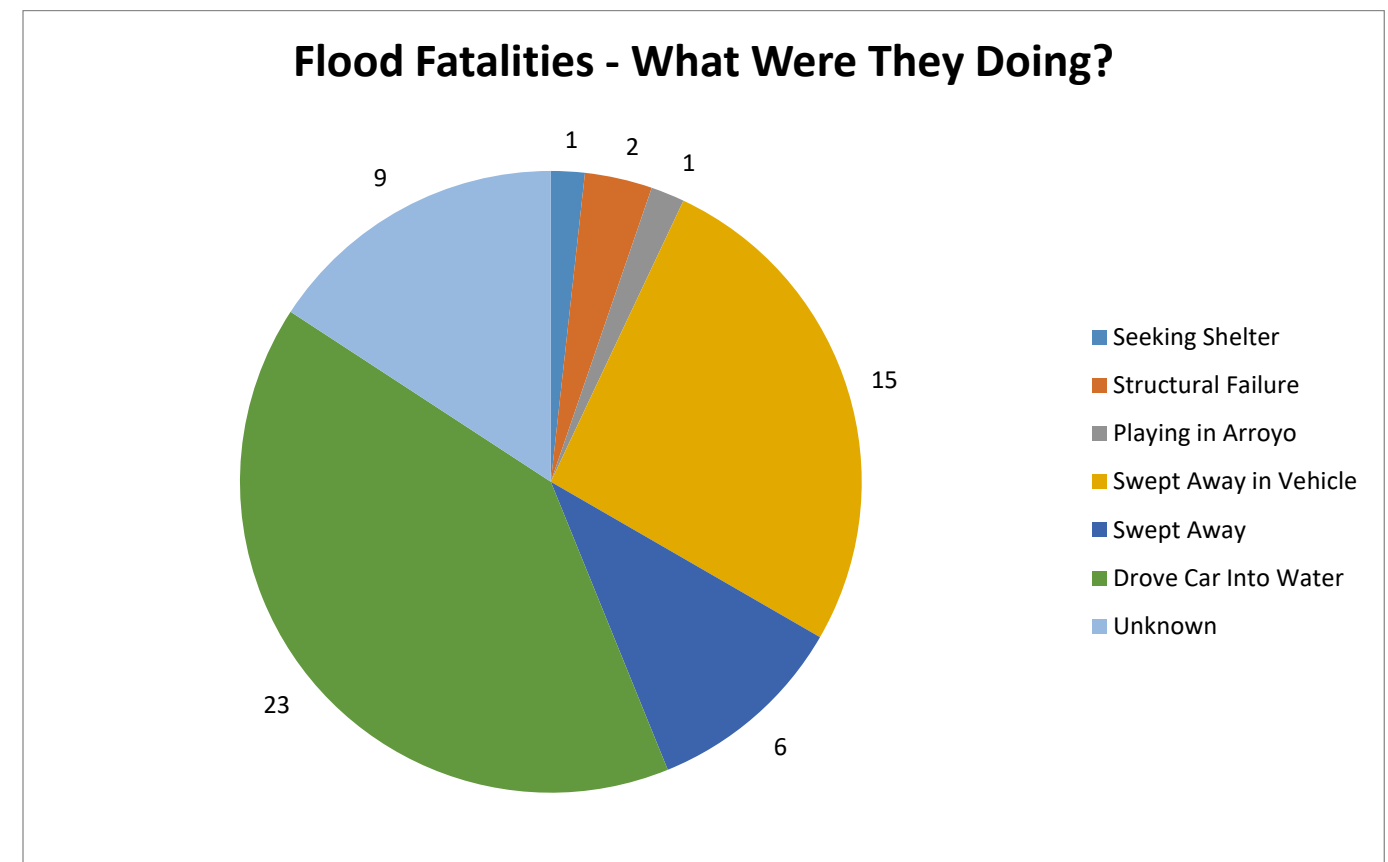


Figure 3 – Pie chart showing the locations where and how the flood related fatalities occurred.

## Survey Results

Local government feedback on the use and effectiveness of flood risk mitigation tools was requested through the use of a survey. The survey was mailed to the 114 communities listed in the [FEMA NFIP Community Status Book for New Mexico](#). These communities have been identified as having jurisdictional authority and can better affect change for their citizens. Federal and State agencies can use these responses to support local government in achieving their flood risk reduction goals. At the time of the survey, there were almost no Tribal Nations listed in the Community Status Book. The State and FEMA Region VI have identified Community ID numbers for the Tribal Nations within New Mexico and these communities will be included in future surveys. See Figure 7.

### Methodology

Cover letters and surveys were mailed to every Chief Elected Official whose community was listed in the Community Status Book and a self-addressed stamped envelope was included. The survey and cover letter included a link to an online version of the survey in case that was more convenient for the respondent. Each survey contained instructions asking for a respondent that was familiar with flooding hazards within the community to complete the survey to the best of their knowledge. Each survey consisted of 16 questions consisting of multiple response, ordinal, open ended, dichotomous, adequacy, and concurrent ranking formats. Questions were designed to be non-leading, short, and simple. The two open ended questions were designed to allow respondents to identify specific concerns within their community. These responses will be added to the [Mitigation Action Tracker website](#). Fifty-seven surveys were submitted, 12 were submitted online and 45 were returned via the mail. Please note that not all respondents answered all of the questions.

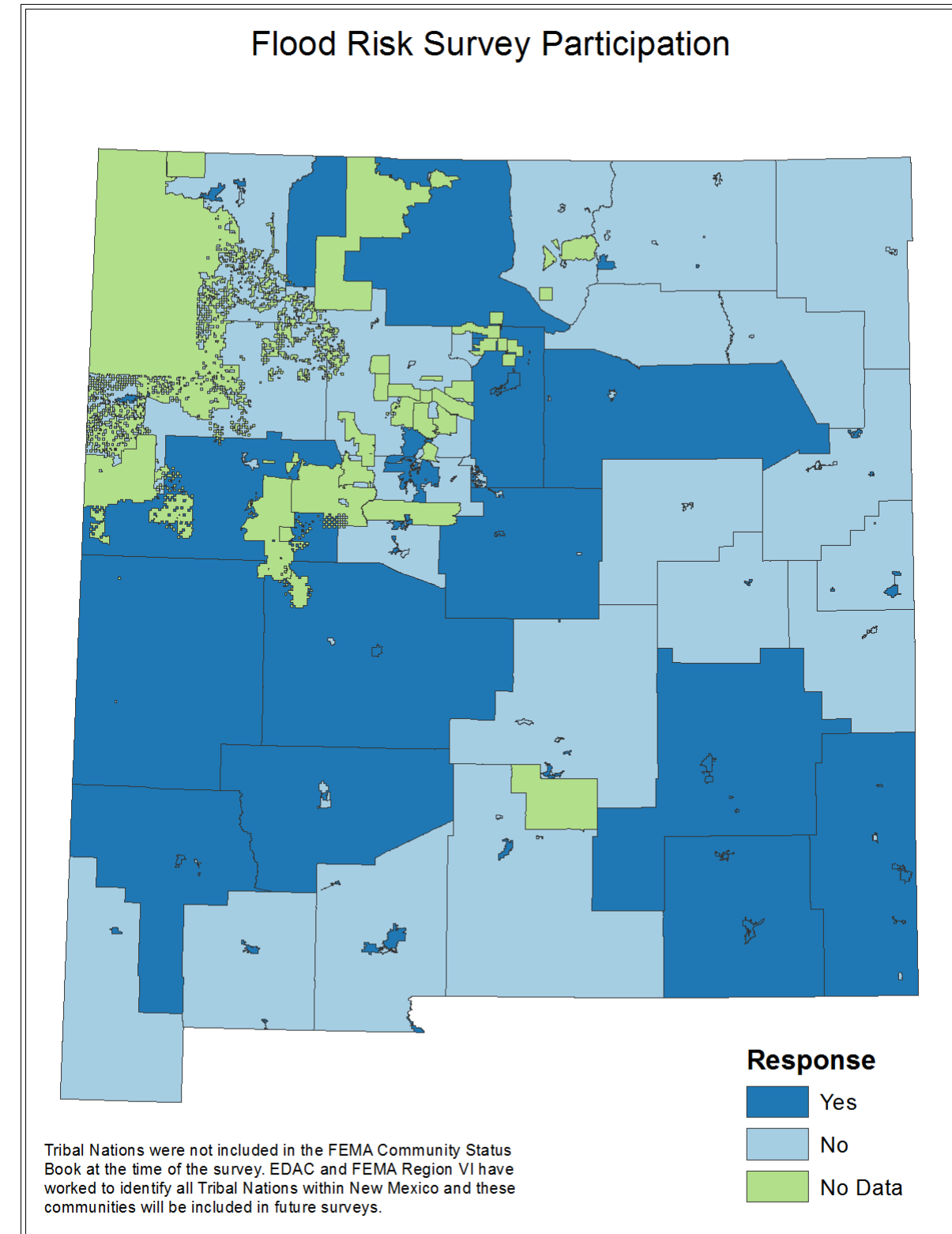
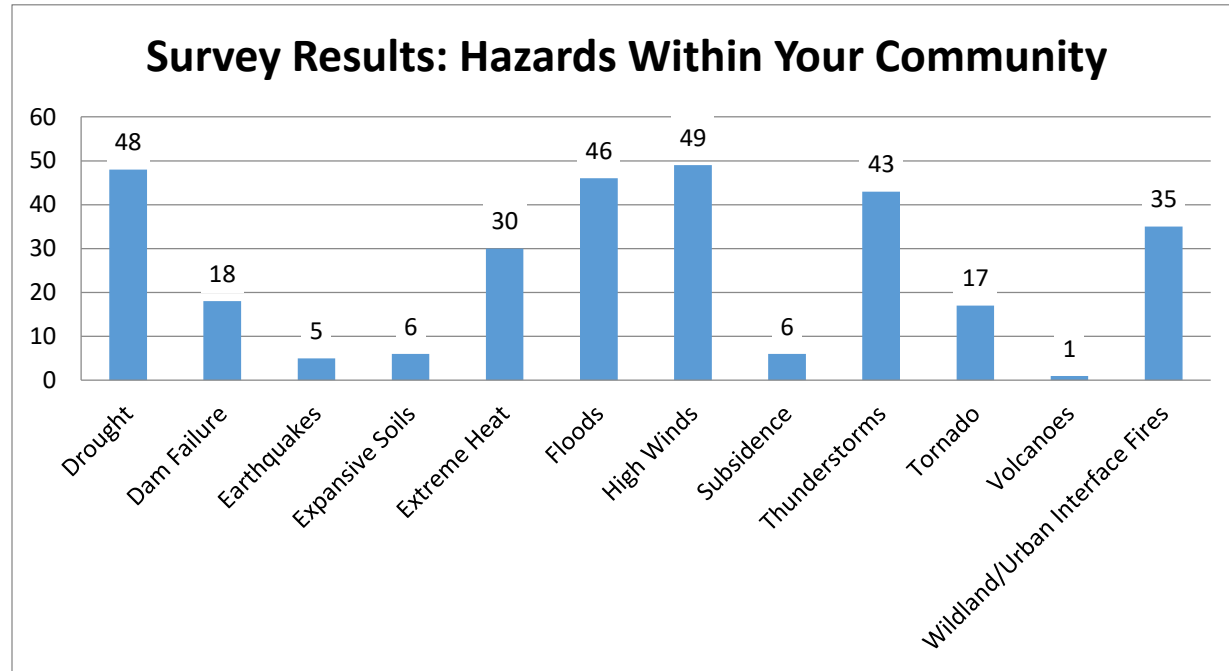


Figure 4 – Survey participation. Results

Question 1

While the first issue of the MHRP is focused on flooding, subsequent versions will expand to other hazards listed in the New Mexico Statewide Hazard Mitigation Plan. To better plan the sequence of hazards to study, respondents were asked to identify which hazards were a concern for their communities.



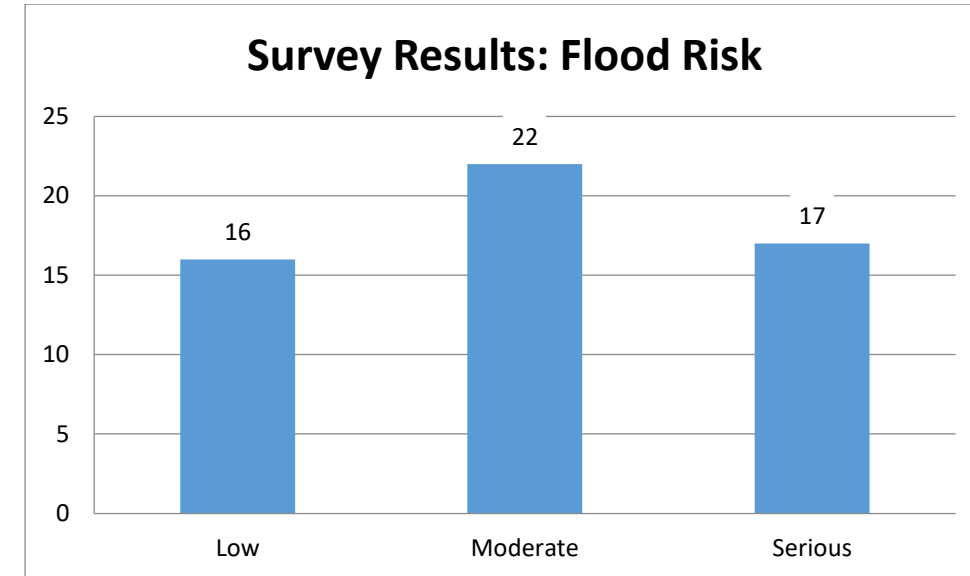
The top five hazards include

- High Winds
- Drought
- Floods
- Thunderstorms
- Wildland Urban Interface Fires

EDAC will work with state and federal agencies to evaluate mitigation strategies for these hazards and to identify relevant geospatial data that can be used for better decision making. Depending on funding sources and data availability, other hazards identified within the State Hazard Mitigation Plan may also be pursued.

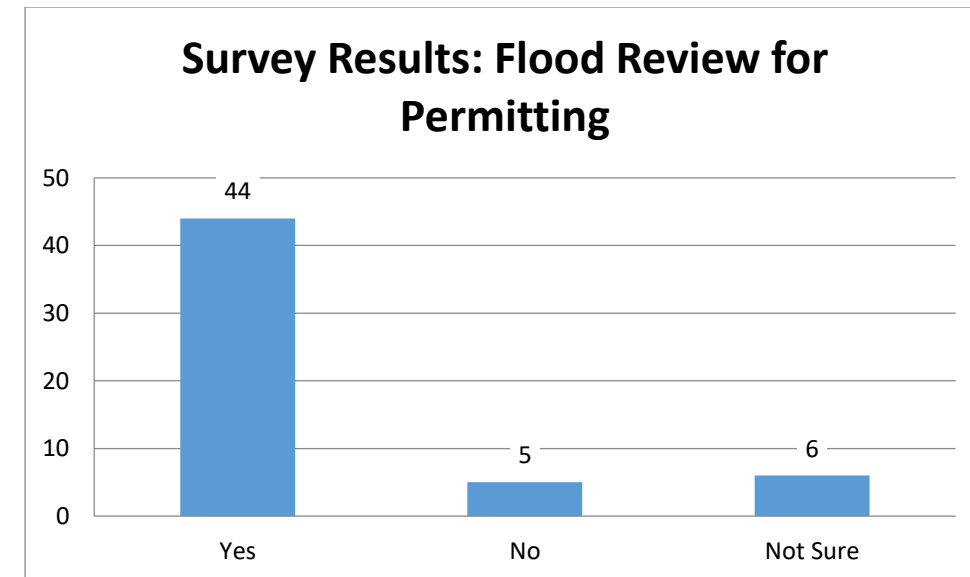
Question 2

Respondents were also asked to specifically rank flood risk for their community on a scale of low, moderate, and serious.



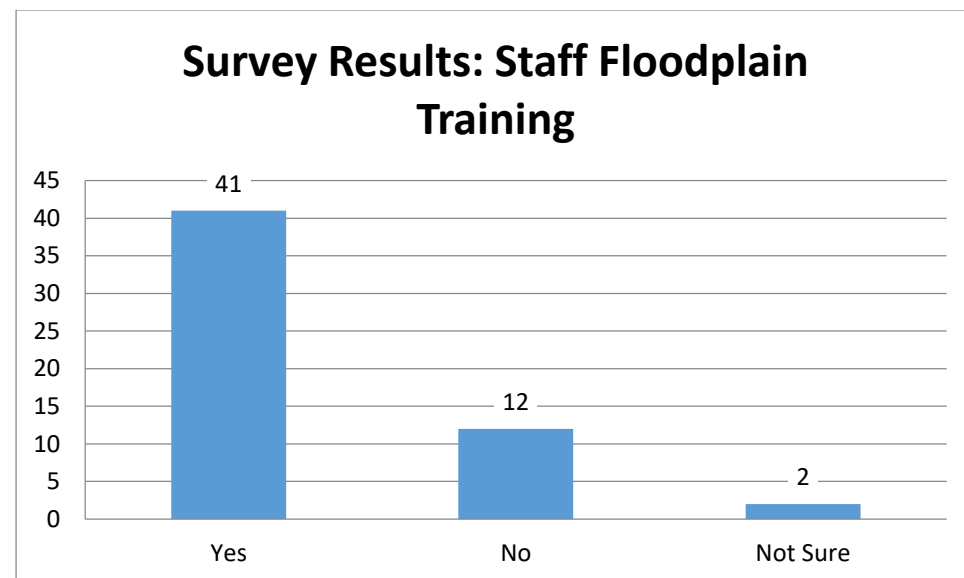
Question 3

Communities often use permitting and local ordinances to help control development within the floodplain. Respondents were asked if potential flooding at project locations is reviewed prior to permits being issued.



Questions 4 and 5

Respondents were asked to gauge if their staff were adequately knowledgeable and trained related to floodplain management. As a follow up question, respondents were asked to identify courses or training that they would like to receive.



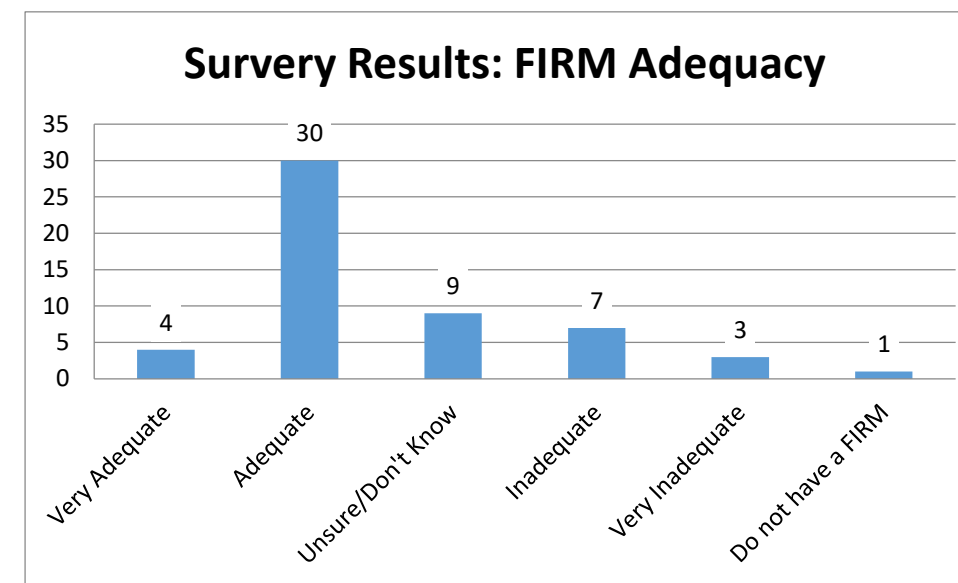
Course Descriptions

- FEMA Emergency Management Institute E273 Course - Managing Floodplain Development through the National Flood Insurance Program
- FEMA Emergency Management Institute E282/284 Course - Advanced Floodplain Management Concepts
- FEMA Emergency Management Institute E190 Course - Intro to ArcGIS for Emergency Managers
- FEMA Emergency Management Institute E278 Course - National Flood Insurance Plan/Community Rating System
- FEMA Emergency Management Institute E276 Course - Benefit-Cost Analysis: Entry-Level Training

- FEMA Emergency Management Institute E172 Course - HAZUS Multi-Hazards for Flood  
EDAC will coordinate with NMDHSEM and the NMFMA to identify opportunities to provide these courses to appropriate state, local, tribal, and federal officials.

Question 6

Respondents were asked to provide the adequacy of their Flood Insurance Rate Maps, if available.

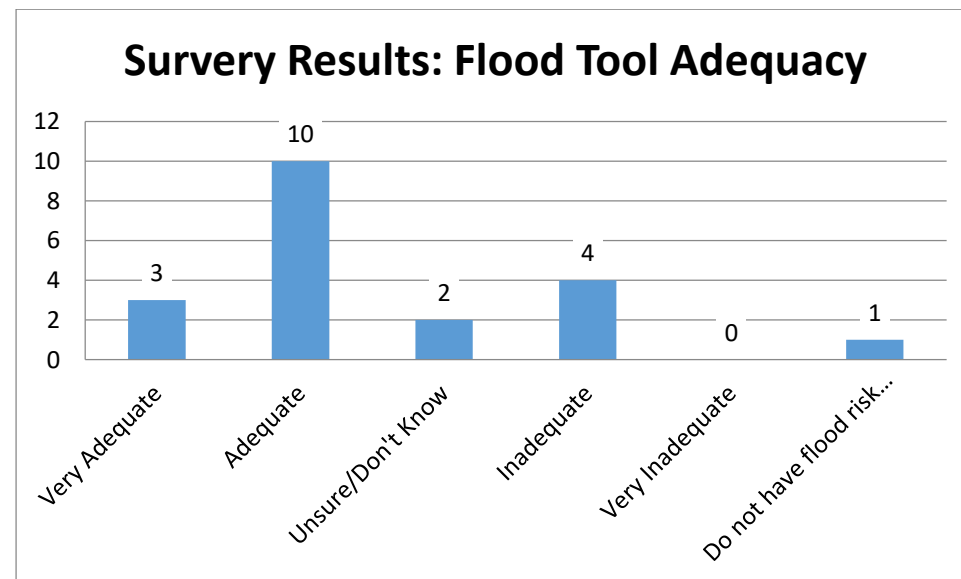
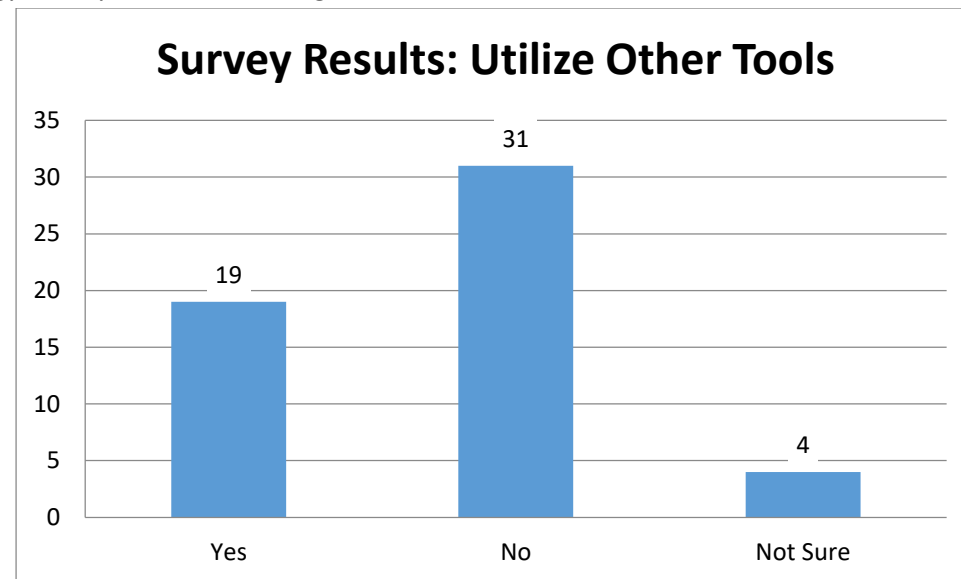


While most respondents rated their FIRM maps as adequate, there are still numerous specific locations that have been identified by local officials that need updating. EDAC will coordinate with NMDHSEM, FEMA Region VI, and local officials to identify potential solutions to funding map and model updates where appropriate. While only one respondent noted that they did not have a FIRM, there are currently 10 counties in New Mexico without a FIRM. EDAC will coordinate with the Silver Jackets agencies and the New Mexico 3D Elevation Program to identify funding sources for the acquisition of topographic data necessary for hydrologic and hydraulic modeling to provide flood risk data to these communities.

Questions 7 and 8

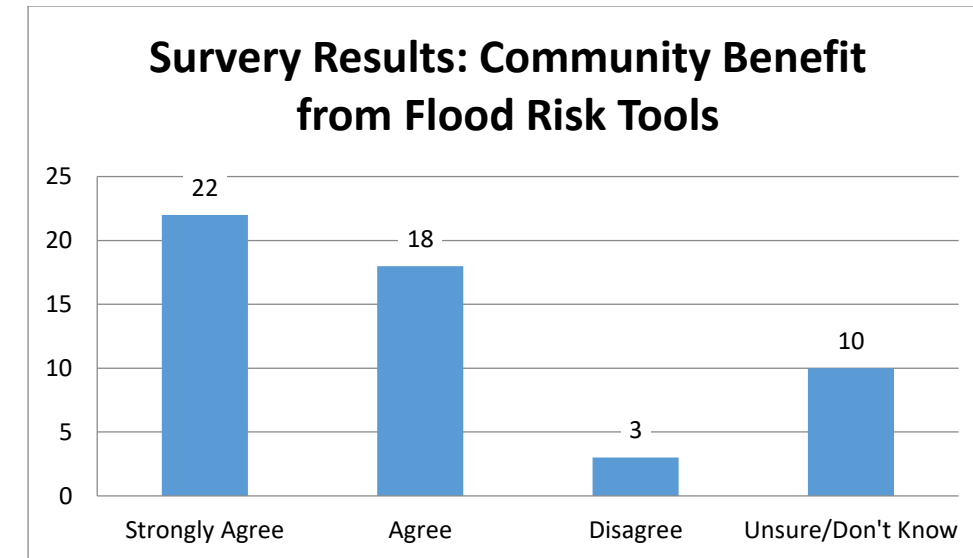
Respondents were asked if they used other tools besides their FIRM, if available, for flood risk planning and to provide the adequacy of those tools. Respondents identified the following as additional flood risk tools and data:

- Master drainage plans
- Historic data
- Flood photos
- High water marks
- Hazard Mitigation Plans
- Potential hazard dam ranks
- USACE
- Hydrology and Hydraulics modelling software



Question 9

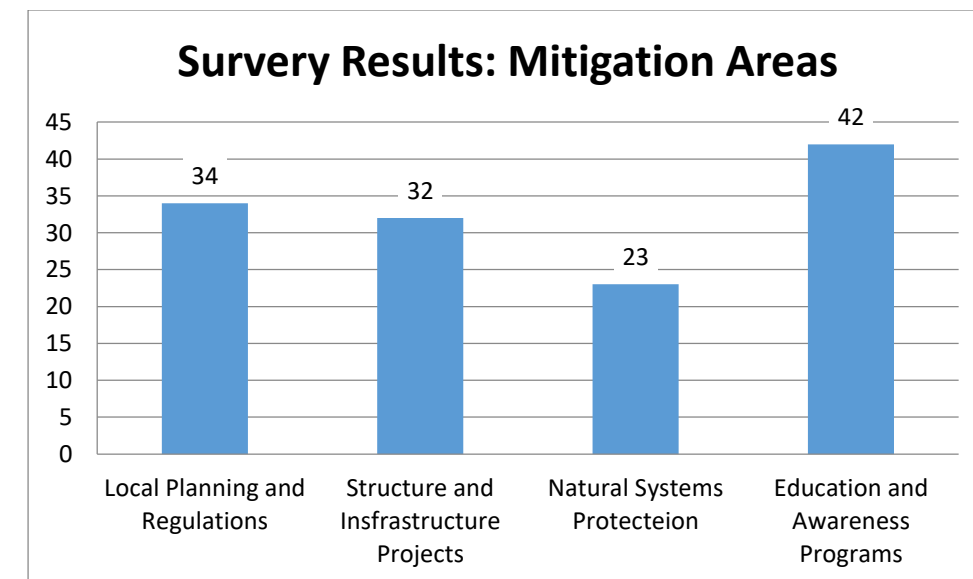
Respondents were asked to provide their agreement with the following statement: Your community would benefit from additional flood risk assessment tools that could enhance public awareness, health, safety, and preparedness understanding.



While the majority of respondents feel that additional tools would benefit their communities in some way, nearly a quarter of respondents did not immediately see a benefit. Follow up with these communities may be warranted to identify tools that specifically address the flood risk needs within their communities.

Question 10

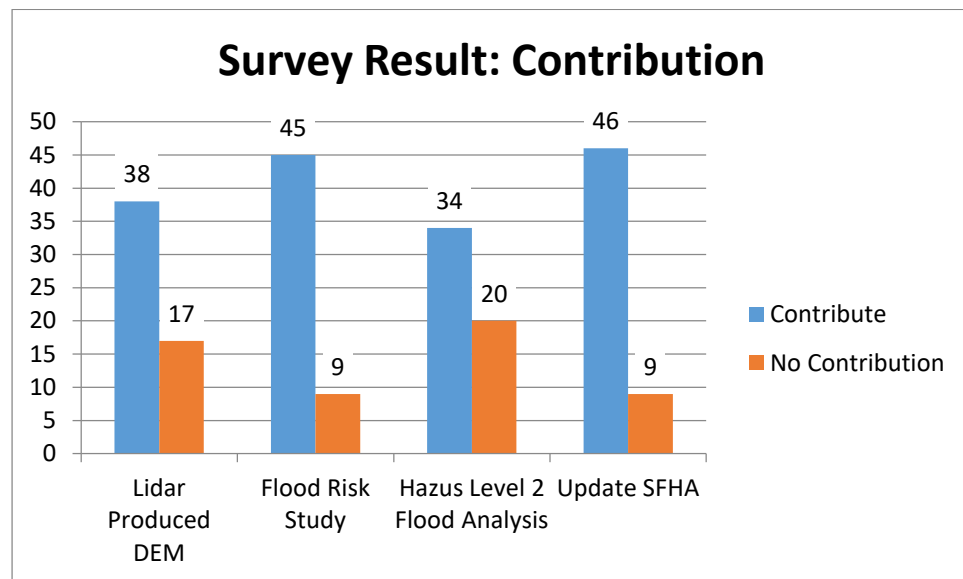
Respondents were asked to gauge their interest in specific areas of mitigation. FEMA provides a [mitigation idea book](#) with hundreds of mitigation strategies broken into categories for each hazard type.



EDAC will work with NMDHSEM, FEMA, Silver Jackets Agencies, and the NMFMA to identify state and region specific mitigation strategies to help meet these needs.

*Questions 11 through 14*

Respondents were asked to provide non-binding selections that described their interest in supporting the development of specific flood risk tools. A short description was provided for each tool. Respondents were able to select from four types of contribution (Fully Locally Funded, Cost Share Contribution, In-Kind Local Match, and Contribute Staff Time) or “No Contribution”. The four types of contribution have been combined below.



Lidar data is becoming a prerequisite data set for many aspects of flood risk data and analysis. The digital elevation model and resulting features can be used to perform more accurate flood risk studies, Hazus analysis, and for updating or creating floodplain boundaries and other non-regulatory tools. It will be important to convey to communities who would like to perform these other types of risk analysis the value in obtaining lidar data first. EDAC is partnering with the New Mexico 3D Elevation Program, NMDHSEM, Silver Jackets Agencies, FEMA Region VI, local government, and the New Mexico Association of Counties to identify funding sources for high quality lidar acquisitions across New Mexico.

EDAC is working through the FEMA Risk MAP program to perform flood risk studies of watersheds within New Mexico. Within the Risk MAP program, these studies are referred to as the Discovery process. The Discovery process takes several months to complete as local, state, federal, and tribal stakeholders coordinate to identify specific hazard related needs and data sets within a watershed. Ultimately, the stakeholders within a watershed identify specific mitigation strategies to address the needs within their communities. It is important to note that the Discovery process is designed to assess all hazards, not just flooding.

Hazus is a damage and loss estimation software produced by FEMA for flooding, earthquakes, and hurricanes. The tool is currently underutilized within New Mexico for a variety of reasons including, but not limited to, the computing power required to run the software efficiently, the highly specialized training required to understand the model inputs and settings, the lack of detailed data to produce more accurate model results, the propensity for the software to crash, relative obscurity within the emergency management community, and a misunderstanding of the intended use of the model outputs. EDAC is in a unique position to help resolve most of these issues. EDAC has access to sufficient computing hardware and software to run the Hazus modelling software in a reasonable amount of time. EDAC staff have attended Hazus training provided by the FEMA Emergency Management Institute. As the steward of the RGIS Geospatial Clearinghouse, EDAC is in a position to help collect and develop the necessary

geospatial data to produce higher quality model outputs. Unfortunately, EDAC can do nothing about the tendency of the software to crash other than provide bug reports to the Hazus software development team. EDAC can promote the use, benefits, and limitations of Hazus to relevant stakeholders through meetings held across the State.

*Questions 15 and 16*

The responses to the two open ended survey questions are too specific to be included within this report but will be used to support needs within local communities. The questions asked local officials to identify specific FIRM panels that contained areas of concern and to identify additional data, tools, or resources related to flood risk that would benefit their community.

## Risk Criteria

There is extensive need for flood risk analysis throughout New Mexico as well as the prerequisite data necessary to conduct flood risk modeling. Future large area floodplain mapping will require lidar data ([USGS Quality Level 2](#)) instead of coarser digital elevation model data (USGS 10 meter DEM). Despite the costs for the acquisition, processing, and quality assessment for high quality lidar dropping significantly over the last few years, the cost is still relatively high (approximately \$300 per square mile). Many watersheds in New Mexico cover a large geographic area but have a low population, making purchasing lidar prohibitively expensive despite the need for floodplain delineation. Federal and state agencies are interested in acquiring lidar within New Mexico, but do not have the funds to collect the entire state. In addition to lidar, watersheds also need funds in order to conduct flood risk analysis including floodplain delineation, depth grids, annual chance flooding grids, or other products that communities identify. This results in a need to prioritize watersheds for the purchase of lidar and flood risk analysis.

The criteria used to prioritize watersheds within New Mexico were designed to be as objective and repeatable as possible while including factors that meet the needs of communities within the State and increasing the likelihood to receive federal funding. These criteria include:

- Population At Risk
- Area of Non-Federal Land
- Essential Facilities At Risk
- Dam Hazard Potential
- Subject Matter Expertise

### Population at Risk

Population at Risk was determined to be the number of people living within 100 feet of a FEMA designated Special Flood Hazard Area (SFHA), known as the 100 year or 1% floodplain, or within 100 feet of a floodplain represented on a FEMA Flood Hazard Boundary Map (FHBM) if no SFHA were available. Using GIS software, population data was determined by creating centroids of U.S. Census Bureau blocks from 2010 and creating a 100-foot buffer around all of the SFHA and FHBM data within New Mexico. The GIS software was utilized to identify the centroids that fell within the floodplain buffer. See Figure 8. Please note that this analysis does not include preliminary Flood Insurance Rate Map (FIRM) data.

### Area of Non-Federal Land

Land ownership in New Mexico is comprised of various Federal, State, Tribal, and private stakeholders. While flooding certainly takes place on Federal land, it is considered lower risk because it contains relatively few residences and businesses. For that reason, the amount of non-Federal land for each watershed was calculated within GIS software using the Bureau of Land Management surface land ownership data. See Figure 9.

### Essential Facilities at Risk

Flood damage to essential facilities will create additional problems beyond residential and business damage. For instance, police and fire stations are critical in responding to flood events but are susceptible to flooding. For this reason, a collection of essential facilities including schools, fire stations, police stations, health care facilities, emergency operations centers, nursing homes, and other facilities were analyzed using GIS to determine their proximity within 100 feet of a SFHA or FHBM. See Figure 10. Please note that this dataset does not contain utility data such as water treatment plants, electrical utilities, etc.

## Dam Hazard Potential

In addition to traditional riverine and flash flooding, New Mexico is also susceptible to flooding from problems arising from dams. The New Mexico Office of State Engineer (OSE) Dam Safety Bureau ensures that dams are designed, constructed, maintained, and operated as safely as possible. The OSE has jurisdictional authority of nearly 300 dams in New Mexico. The OSE ranks each dam by its hazard potential. Using GIS software, each watershed was analyzed by the number of dams within each potential hazard ranking category (low, significant, and high). See Figure 11. Additional information about OSE Dam Safety is available [here](#). Please note that dams that do not fall under the OSE Dam Safety Bureau jurisdiction were not included in this analysis.

## Subject Matter Expertise

Watersheds within New Mexico have unique characteristics that have an impact on flood risk that are not captured using the above criteria. Silver Jackets member agencies, a team consisting of federal, state, local, and academic agencies committed to flood risk reduction, were invited to provide their own list of high risk watersheds that included factors they view as important. For instance, recent wildfires may increase the likelihood of monsoon flooding. More information about Silver Jackets is available here <http://silverjackets.nfrmp.us/>. See Figure 12.

## Methodology

Each of the five factors listed above was weighted equally when prioritizing the watersheds. Within the Dam Hazard Potential category, the number of high hazard potential dams per watershed was weighted by 65%, significant hazard potential dams were weighted 25%, and low hazard potential dams were weighted 15%. In addition, each watershed was assigned a rank for each criteria (proportional scoring) rather than using raw numbers that way each criteria could be combined into a final rank.

## Highest Risk Watersheds

Utilizing the criteria and methods listed above, the most at-risk watersheds were identified within New Mexico. Table 3 lists the most at-risk watersheds in alphabetical order. Figure 13 highlights the most at-risk watersheds.

HUC-8	Name
13030102	El Paso-Las Cruces
13030202	Mimbres
13060001	Pecos Headwaters
13020102	Rio Chama
13020203	Rio Grande-Albuquerque
13020201	Rio Grande-Santa Fe
13060008	Rio Hondo*
13020207	Rio San Jose
13050003	Tularosa Valley
13060011	Upper Pecos-Black
13020101	Upper Rio Grande**

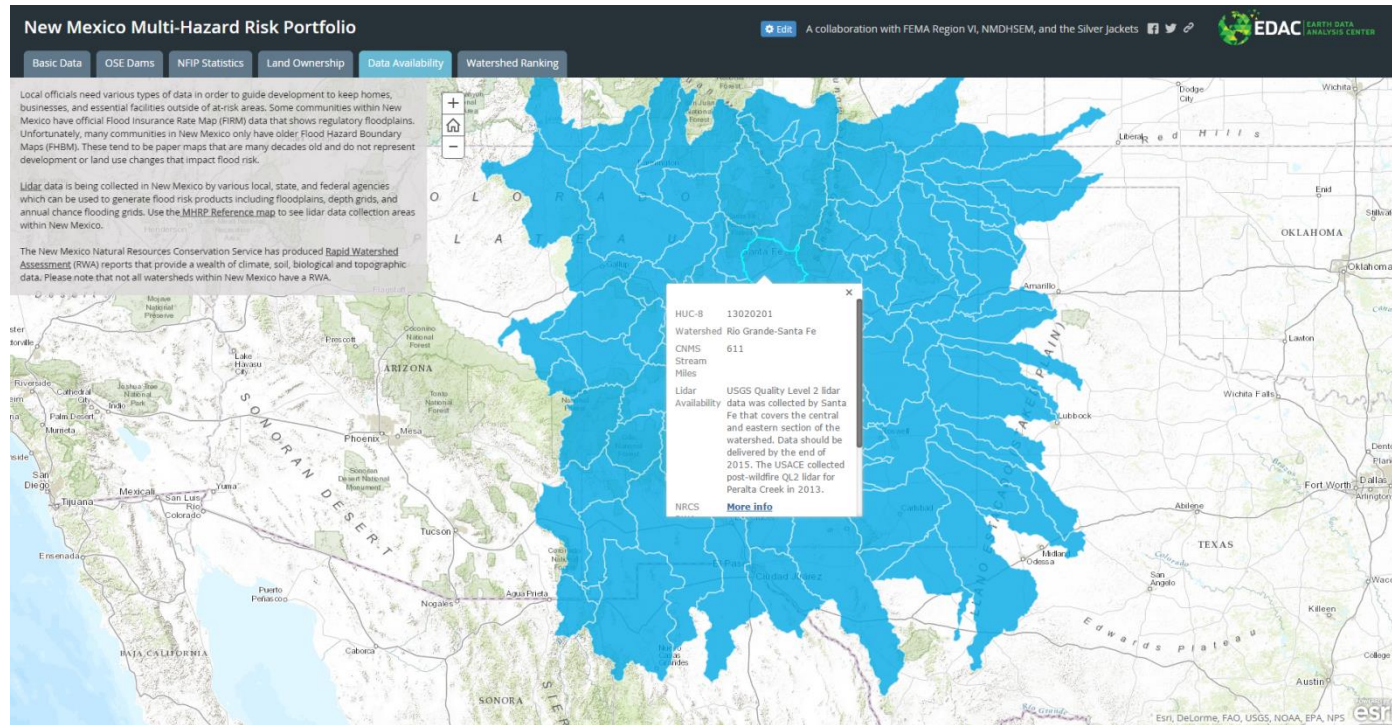
Table 4 – Highest risk watersheds (HUC-8) in New Mexico.

\*Lidar data was acquired for the Rio Hondo watershed in 2014 and flood risk analysis activities began at the same time.

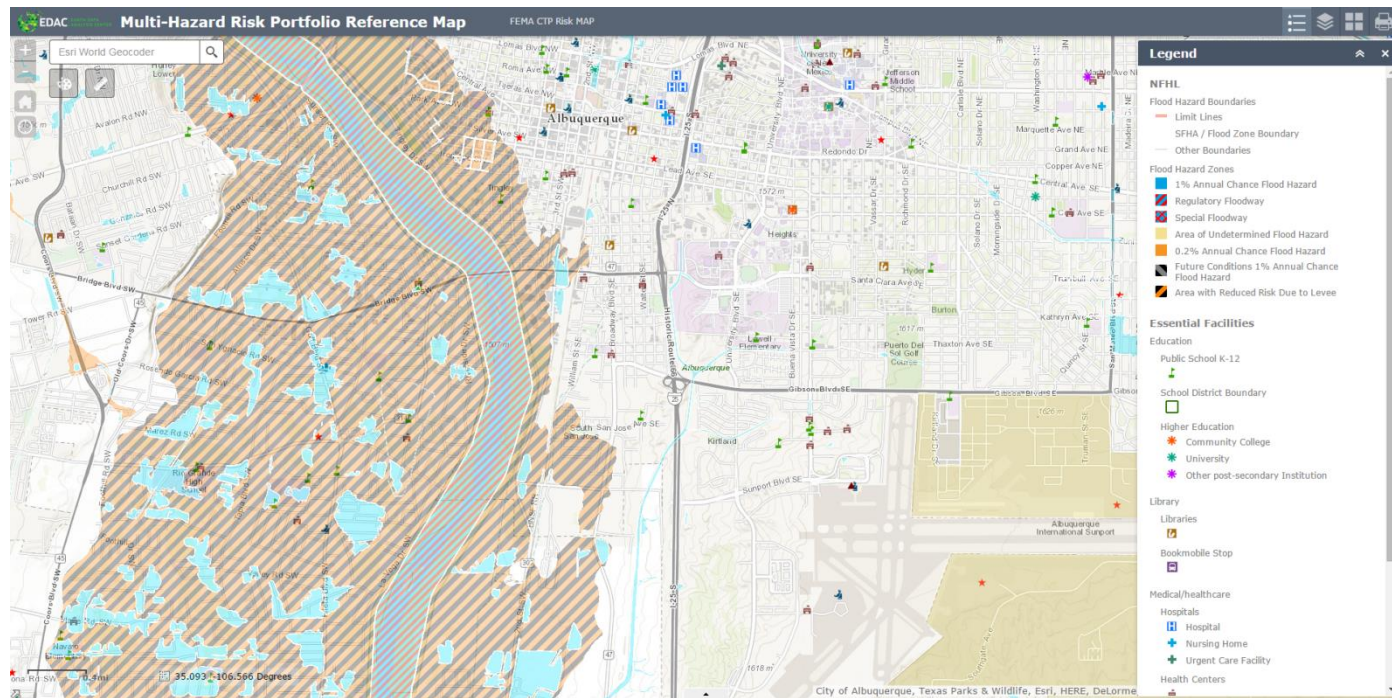
\*\*Lidar data will be acquired for the Upper Rio Grande in 2015 with flood risk analysis beginning in 2016.

Interactive Maps and Data

An interactive map with watershed aggregated data is available online at <http://arcg.is/1NKlf1U>.

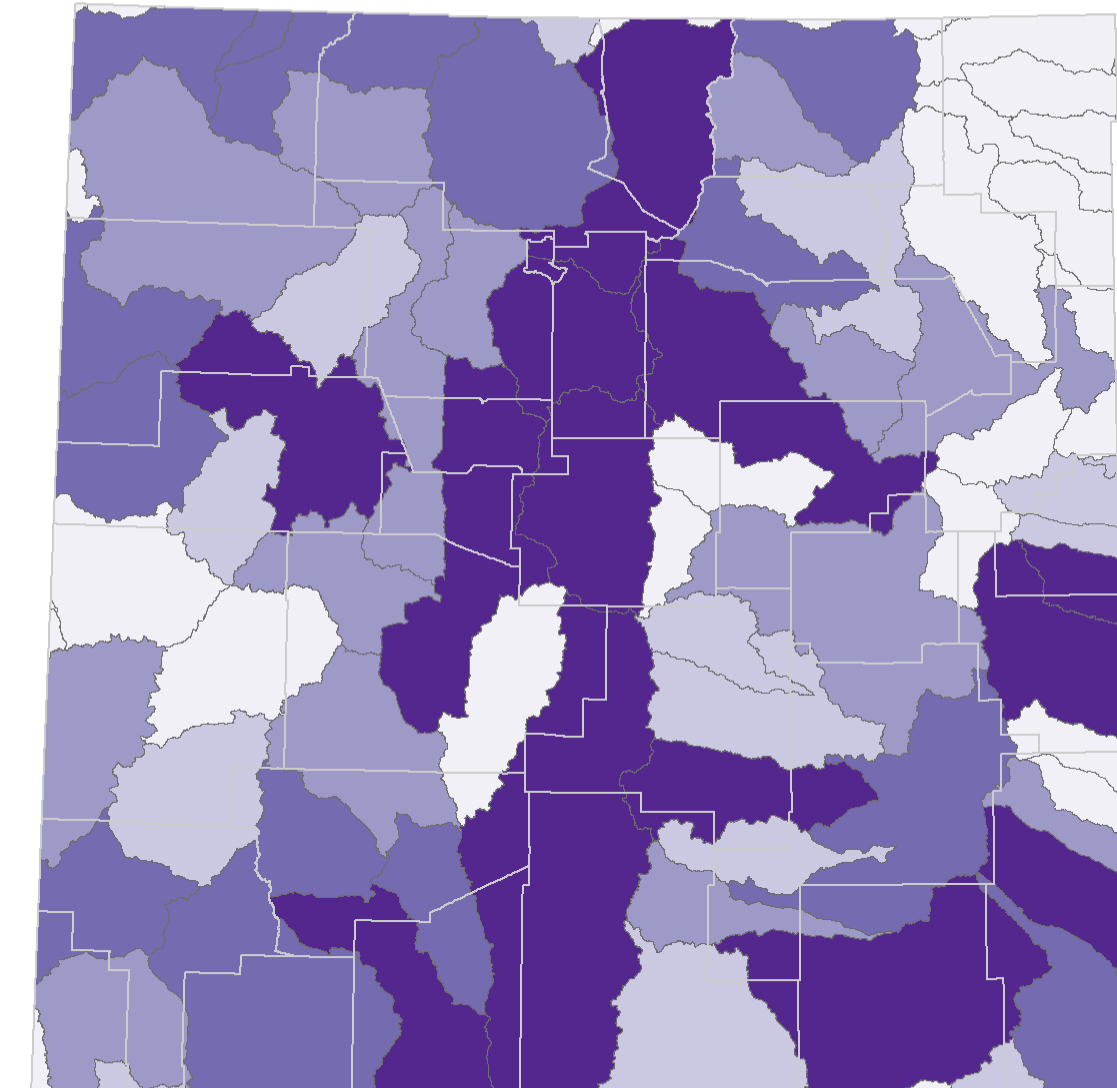


There is also a reference map with detailed information available at <http://arcg.is/1KylcAE>.



Data used to create these maps is available from the RGIS Geospatial Clearinghouse at <http://rgis.unm.edu/>.

Population Within 100' of a Floodplain by Watershed



Population within 100' of a Floodplain

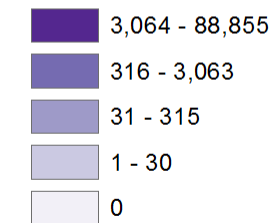


Figure 5 – Population at risk.



### Percent Non-Federal Land By Watershed

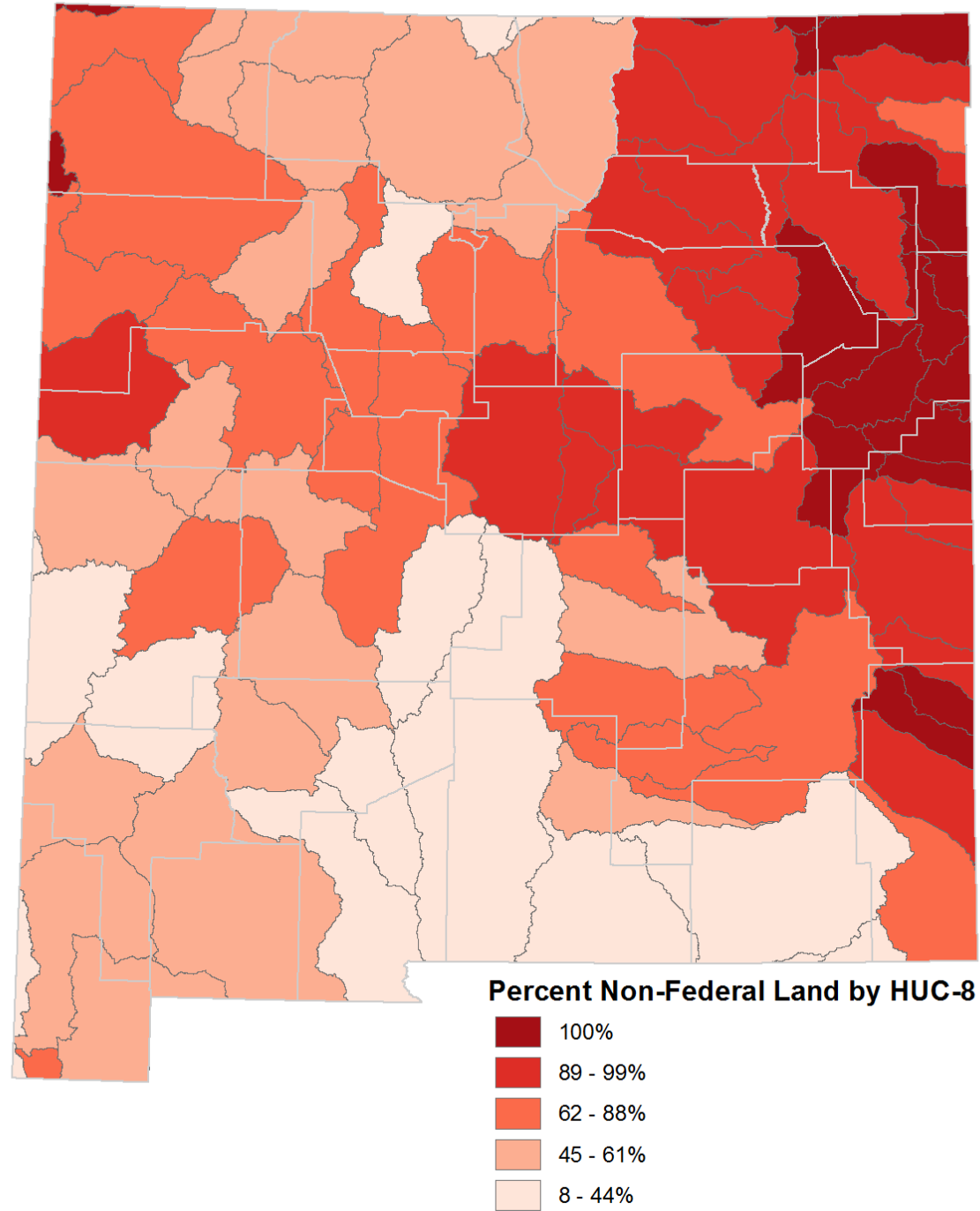


Figure 6 – Percent of Non-Federal land in New Mexico determined by watershed.

### Essential Facilities Within 100' of a Floodplain by Watershed

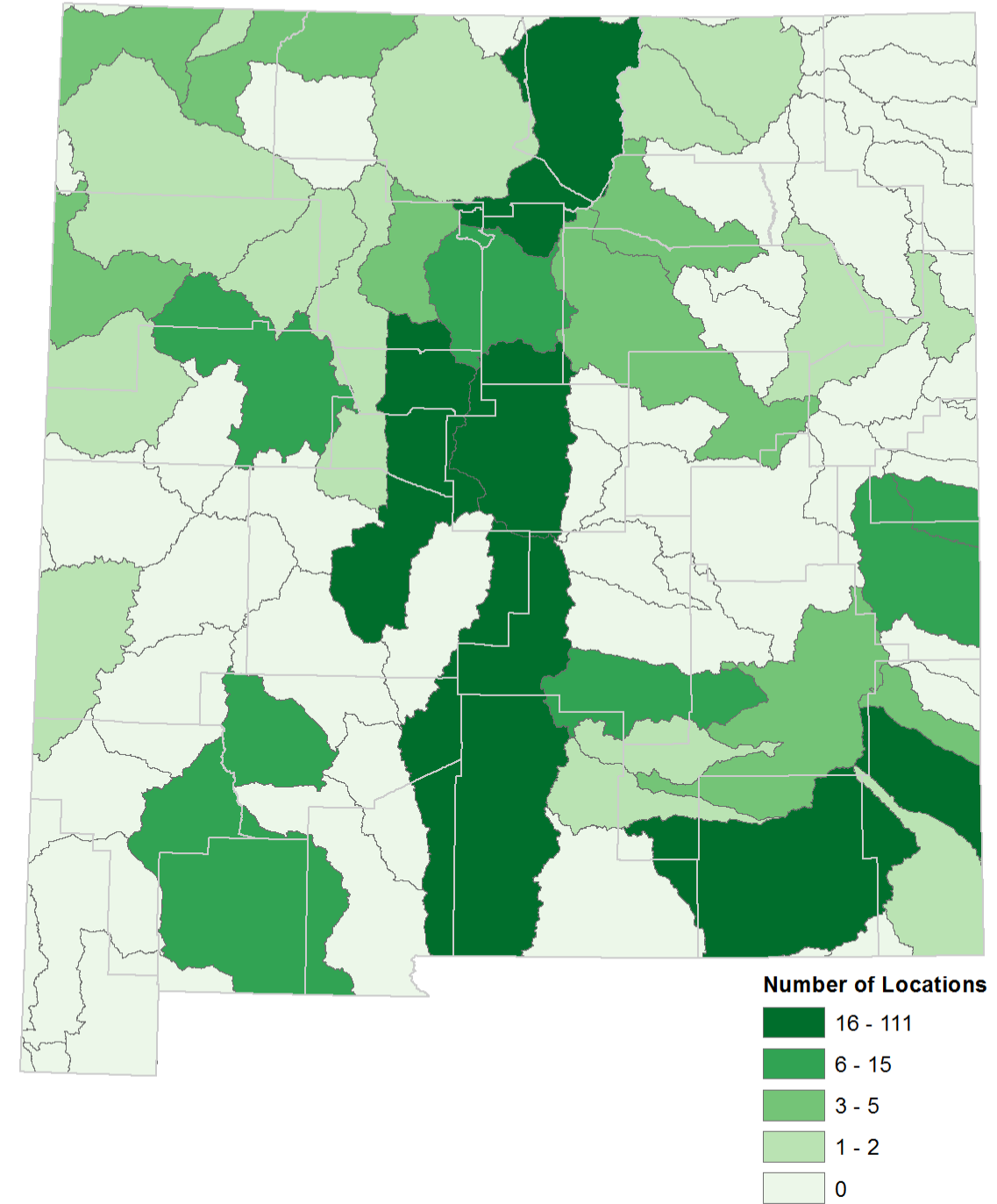


Figure 7 – Essential facilities at risk.

### Weighted Potential Dam Hazard Ranking by Watershed

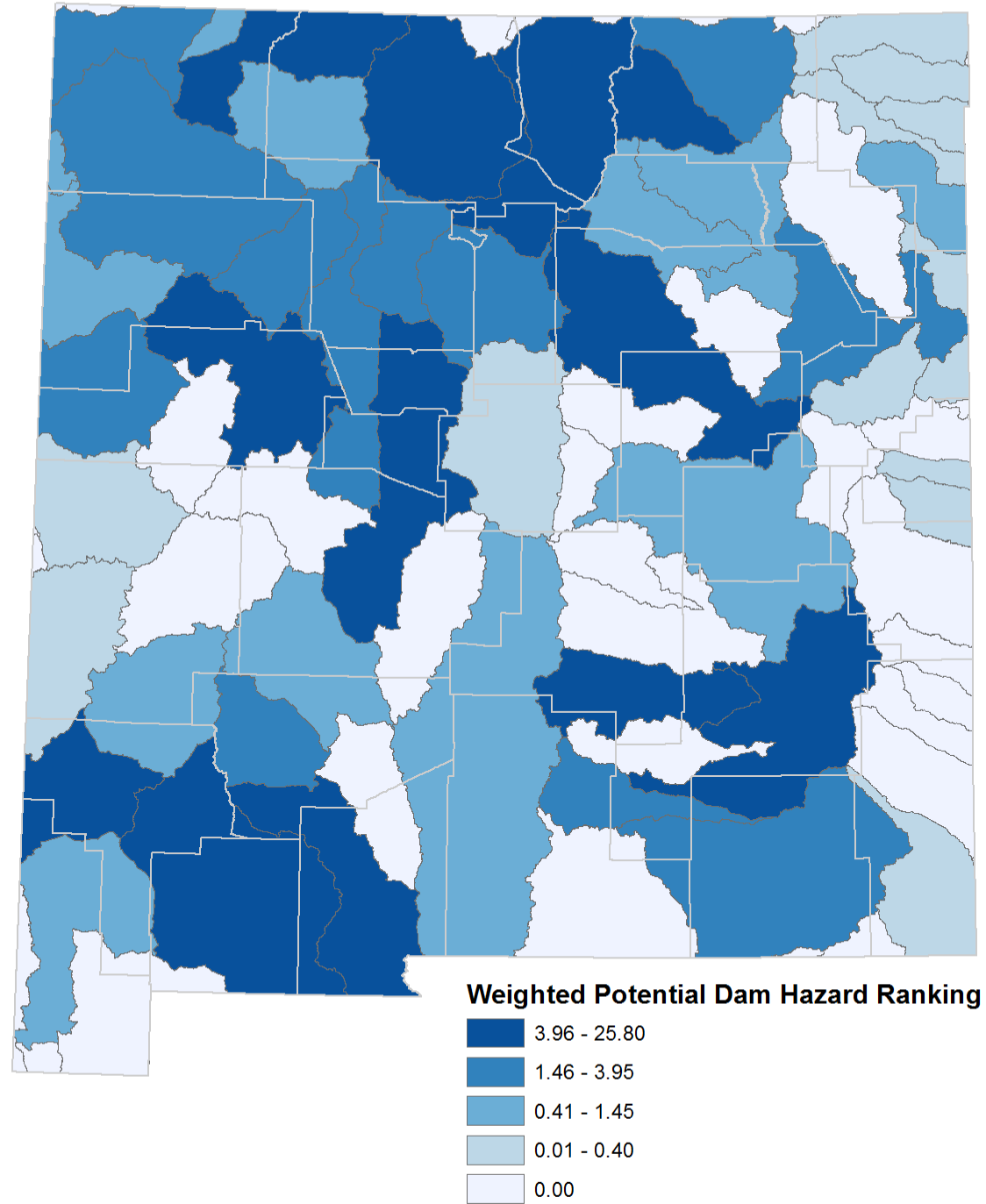


Figure 8 – Dam Hazard Ranking.

### Subject Matter Expertise Identified Watersheds

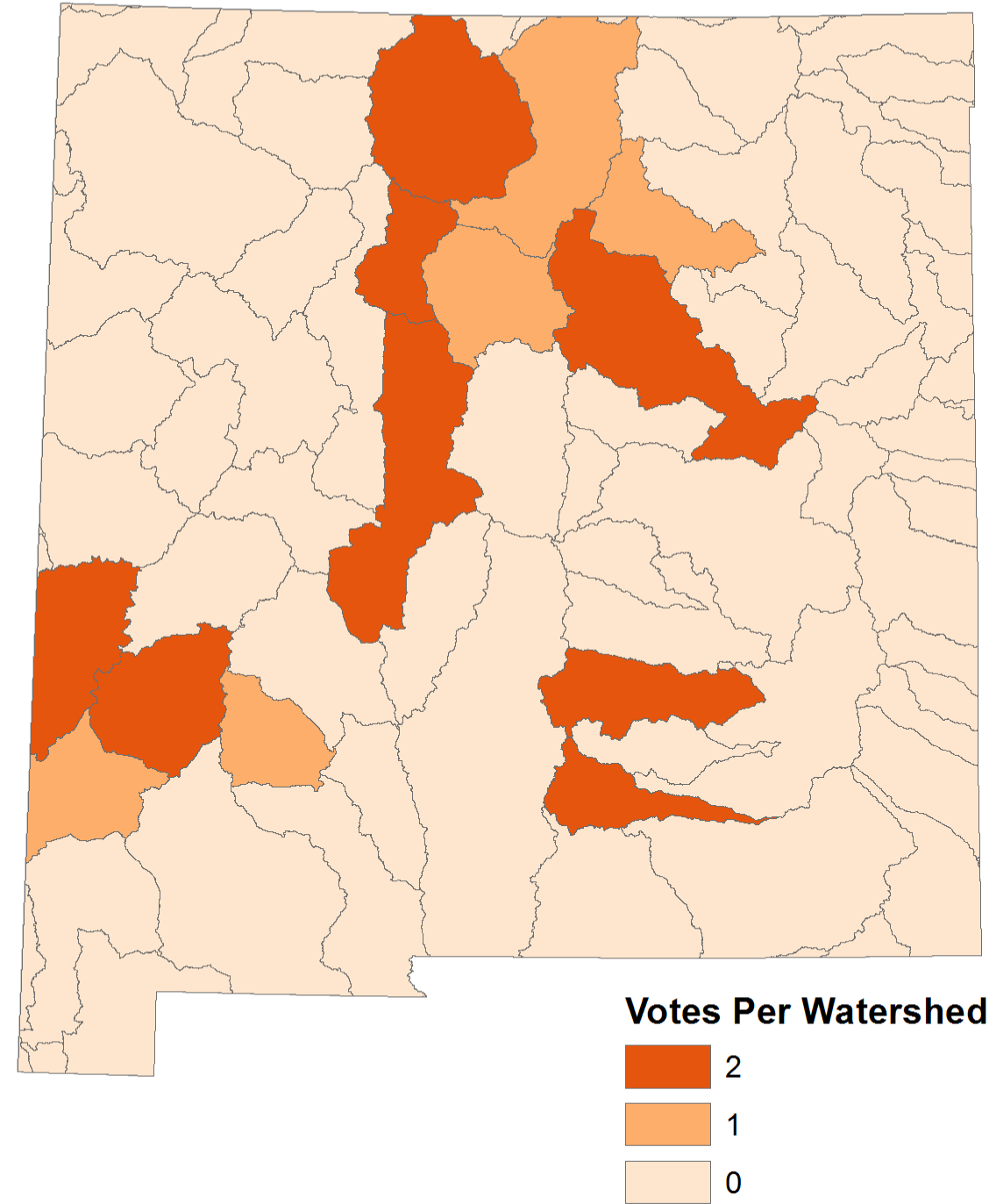
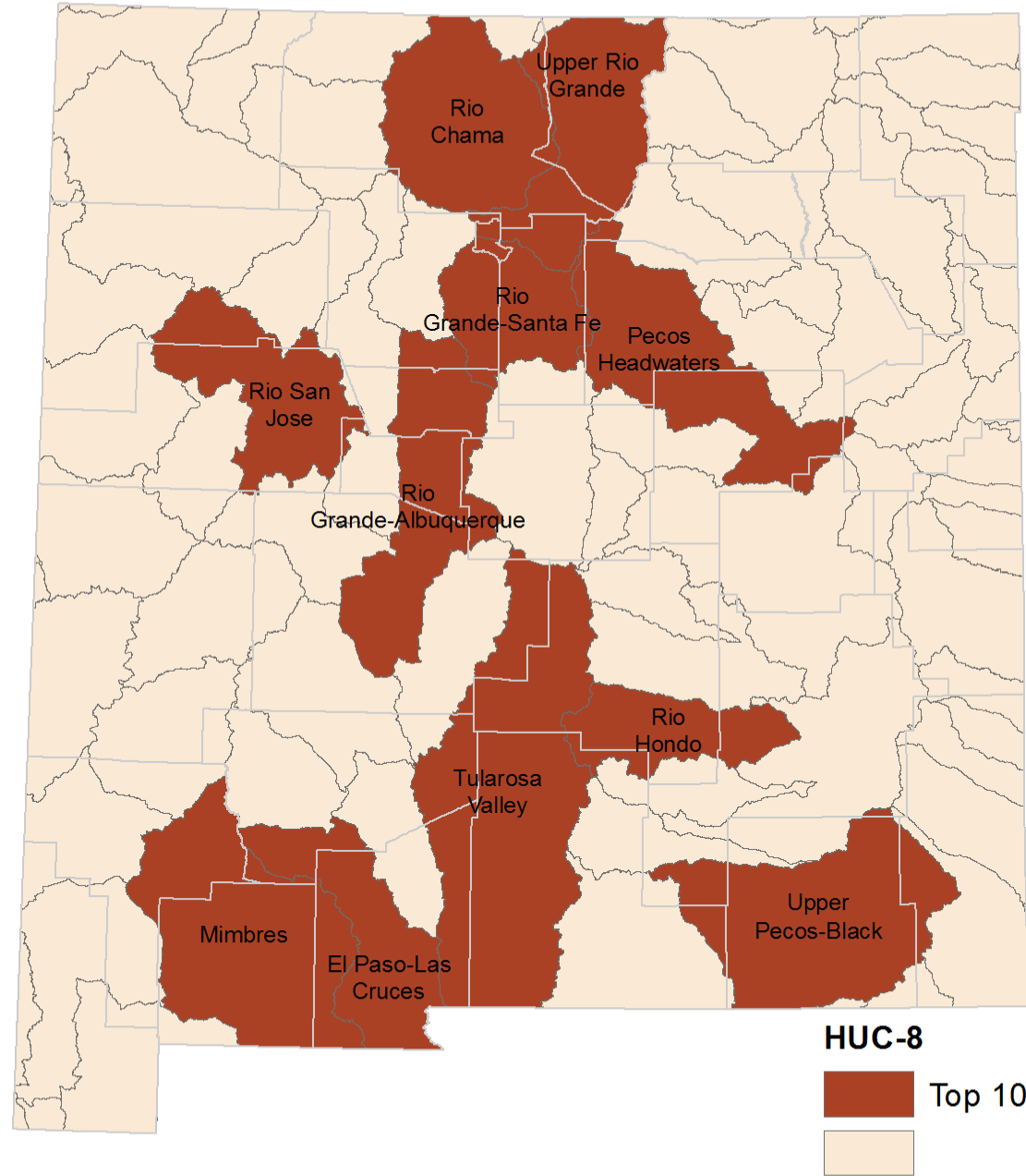


Figure 9 – Subject Matter Expertise per watershed (HUC-8).

### Top Ten Most At-Risk Watersheds



\* The Rio Hondo Watershed has lidar and has begun flood risk analysis

Figure 10 – Top ten ranking of most at-risk watersheds (HUC-8).

## Acknowledgements

*Joe Kenmore, Lincoln County*  
*Joseph Zebrowski, New Mexico Highlands University*  
*William Hignight, Village of Corona*  
*Michael Riardan, City of Albuquerque*  
*Michael J. Shriver, Catron County*  
*Cassius Mason, Town of Hagerman*  
*Jim Thomas, Roswell/Chaves*  
*Laura Danielson, Springer*  
*Louis Gordon, City of Clovis*  
*Louie Gallegos, Village of Fort Sumner*  
*Patrick S. Banegas, Hatch*  
*Phillip Burch, Artesia*  
*Stephanie Shumsky, Carlsbad*  
*Edward M. Encinas, Hurley*  
*Charles R. Melaney, Silver City*  
*Arthur Clark Smith, Lordsburg*  
*Johnnie M. White, City of Eunice*  
*Shelia Baker, City of Hobbs*  
*Marilyn J. Burns, Town of Tatum*  
*Nick Pappas, Village of Ruidoso*  
*Steve Dunigan, City of Ruidoso Downs*  
*Burl Smith, Village of Angel Fire*  
*Philip Skinner, Village of Columbus*

*Javier Reyes, City of Deming*  
*Bryan R. Olguin, Town of Peralta*  
*Dorson Mahooty, City of Gallup*  
*Nancy Beshaler, City of Alamogordo/Otero County*  
*Michael Garcia, Rio Arriba County*  
*Larry C. Valdez, City of Espanola*  
*Joseph D. Benney, Town of Bernalillo*  
*William Homka, City of Aztec*  
*Nica J. Westerling, City of Farmington*  
*Vicki Lucero, Santa Fe County*  
*Risana Zaxus, City of Santa Fe*  
*Donna Sanchez, Sierra County*  
*Delilah Walsh, Socorro County*  
*Mike Czosnek, City of Socorro*  
*Russell Church, Town of Red River*  
*Christina Estrada, Town of Estancia*  
*Ralph Jaramillo, City of Belen*  
*David L. Babb, Logan*  
*Mitchell Daubert, Town of Dexter, New Mexico*  
*Tuck N. Monk, Village of Melrose*  
*Amanda Melvin, Eddy County*

*Anthony Gutierrez, Grant County*  
*Tim McDonough, Village of Los Ranchos de Albuquerque*  
*Marlin Johnson, Chaves County*  
*Lorenzo Velasquez, Lea County*  
*Alex Tafoya, San Miguel County*  
*Steven J. Guetschow, Torrance County*  
*Loretta K. Hatch, Bosque Farms*  
*Christina Ainsworth, Los Lunas*  
*Tony Boyd, Cibola County*  
*Frances R. Medina, Cibola County*  
*Brian Keller, City of Rio Rancho*  
*Dwaine Solana, Sunland Park*  
*Peter Bennett, City of Las Cruces*  
*J.D. Padilla, City of Las Cruces*  
*Bill Borthwick, NMDHSEM*  
*Wendy Blackwell, NMDHSEM*  
*Stephen Scissons, USACE*  
*Jerry Clark, FEMA Region VI*  
*Susan Rich, EMNRD*  
*Steven Bassett, The Nature Conservancy*



Image Credit USACE – Albuquerque District | Cars buried in sediment following a September 2013 flood in Mogollon, NM