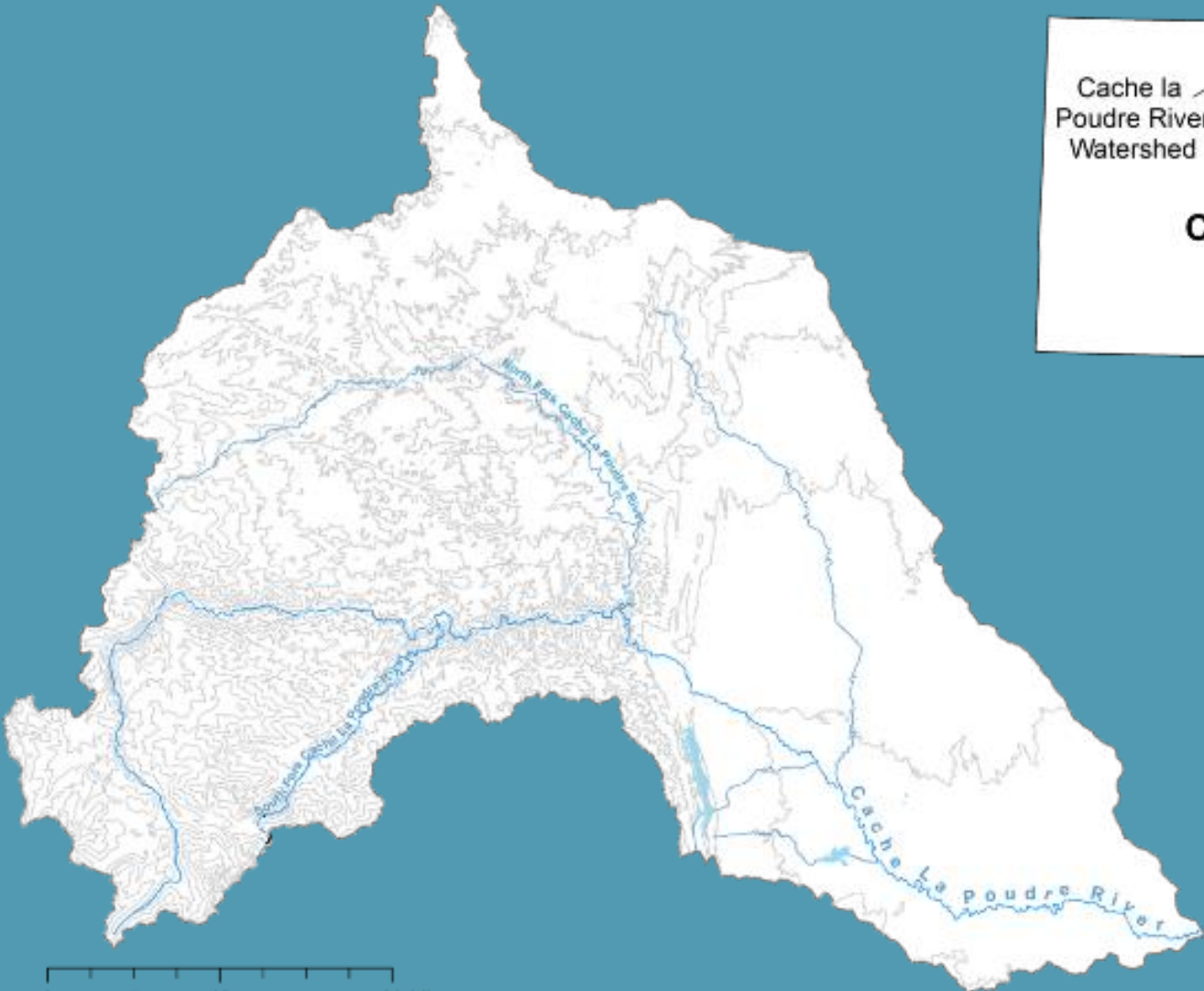
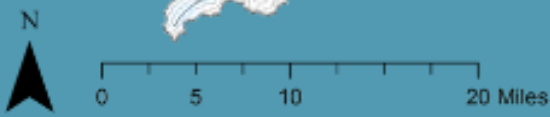




COALITION FOR THE POUFRE RIVER WATERSHED

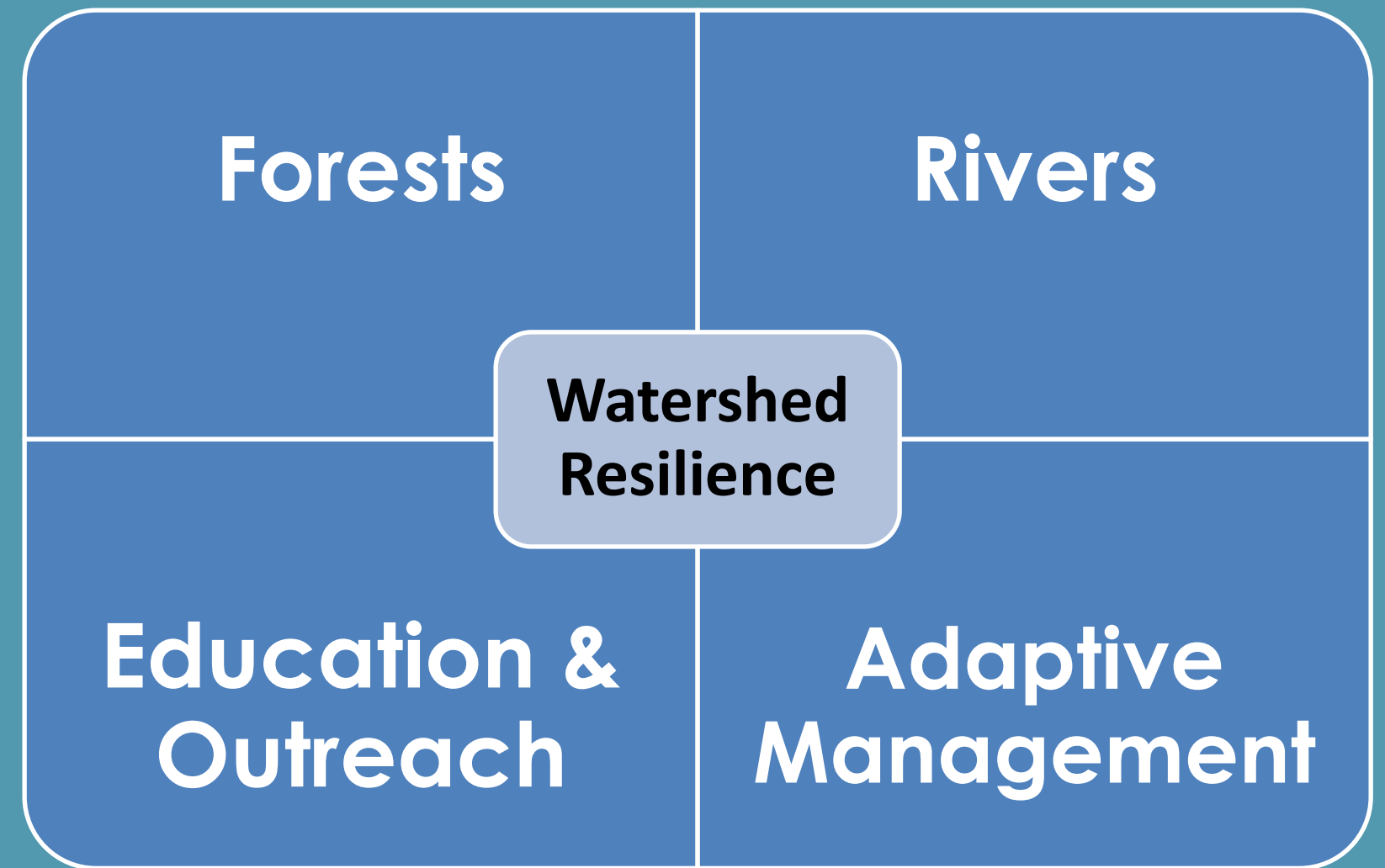
# Wildfire in the Watershed

The Cameron Peak Fire:  
Impacts & Recovery



**OUR MISSION: To improve & maintain the ecological health of the Poudre River Watershed through community collaboration.**

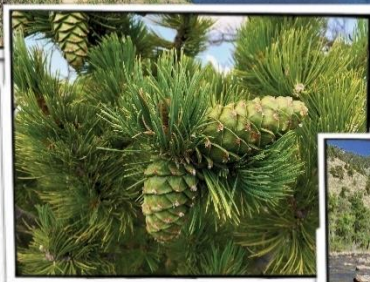
# CPRW Programs



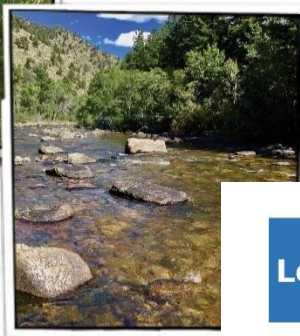
## Upper Poudre Watershed Resilience Plan Final



Milton Seaman Reservoir



Resilient Pine Cones



Upper Cache La Poudre River

January 2017

Prepared for Coalition for the Poudre River Watershed



## Lower Poudre River Flood Recovery and Resilience Master Plan



December 2017

Prepared for:  
The Coalition for the Poudre River Watershed

Prepared by:  
Lynker Technologies Otak AlpineEco LVBrown Studio



*When our watersheds are more resilient, they are better prepared to recover following future floods and fires.*



*Evan Stafford*



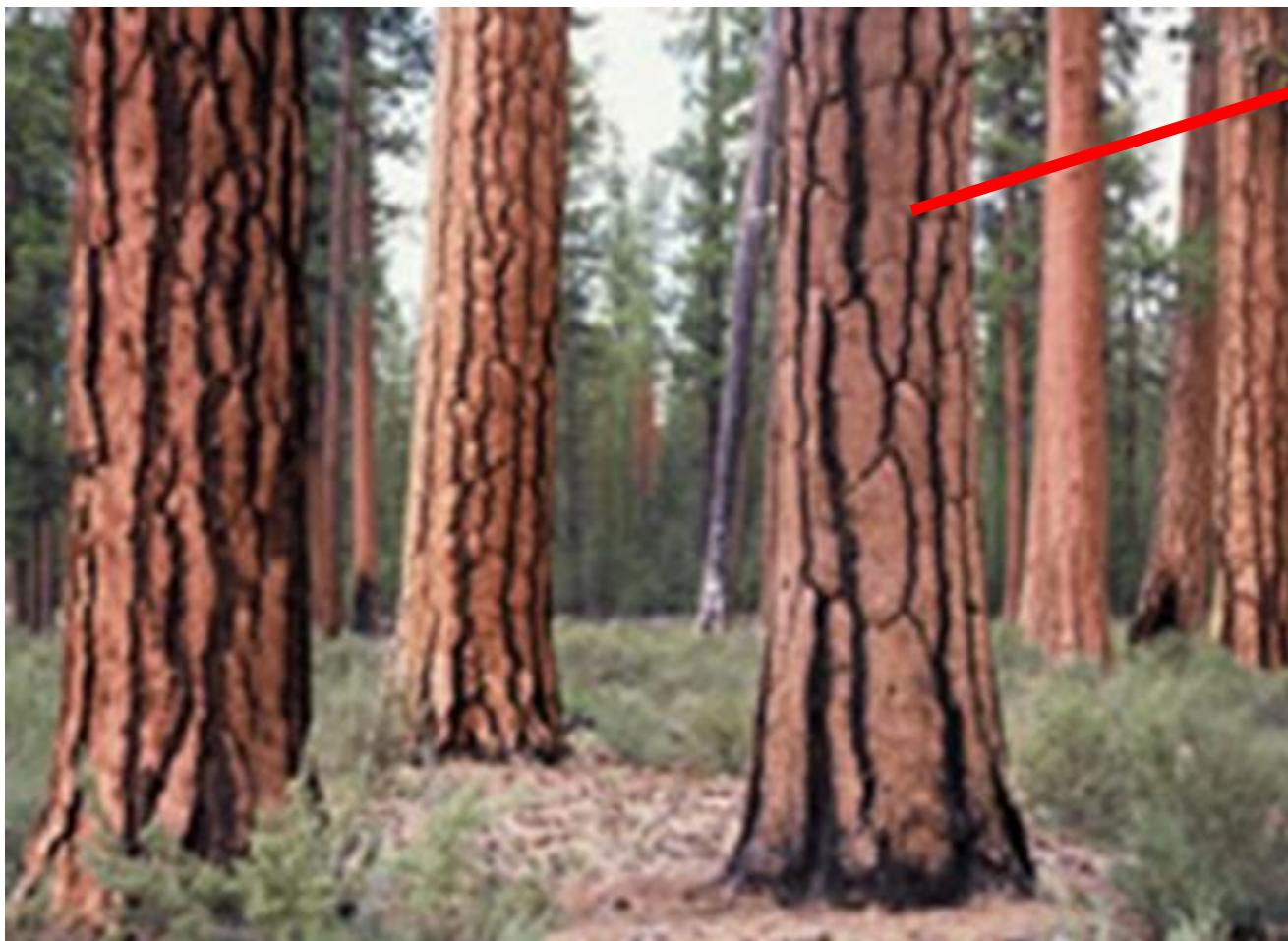
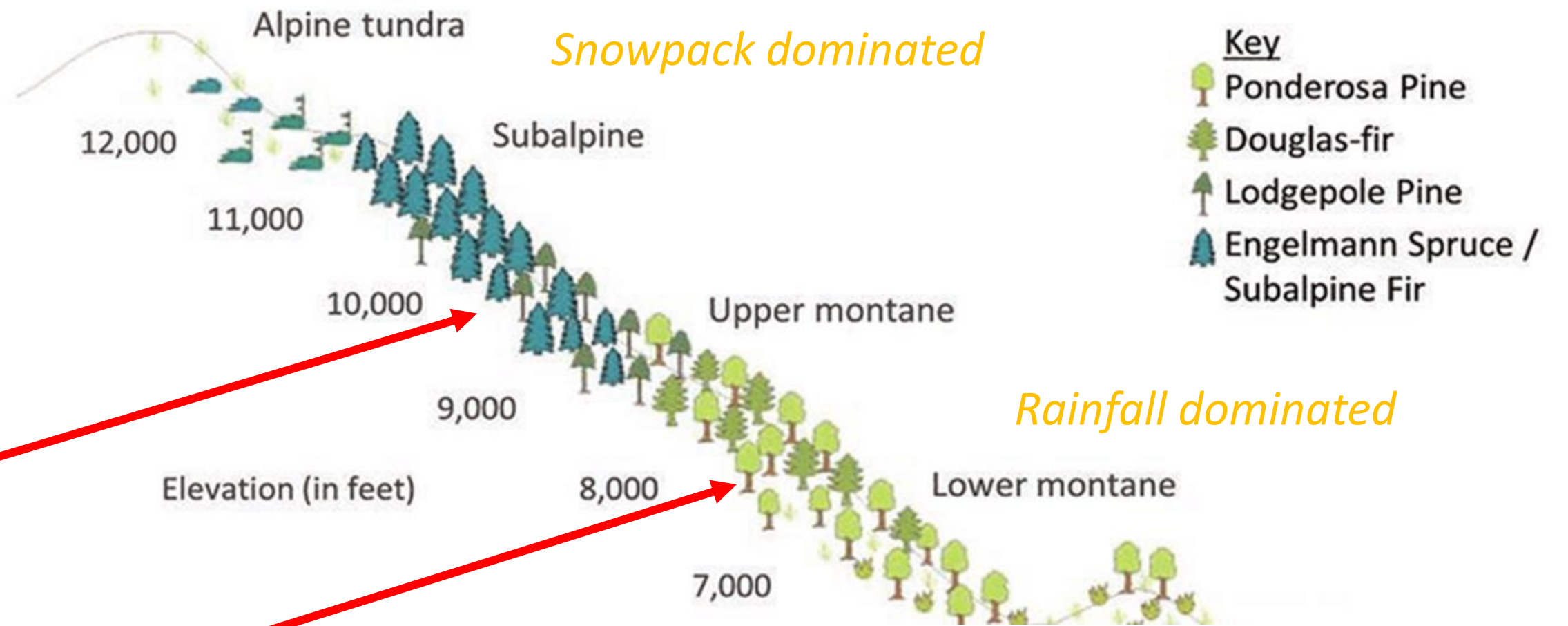
*Native Hill Farms*



© KEVIN FRICK PHOTOGRAPHY.COM

**Healthy Watersheds =  
Vibrant Communities &  
Strong Economies**

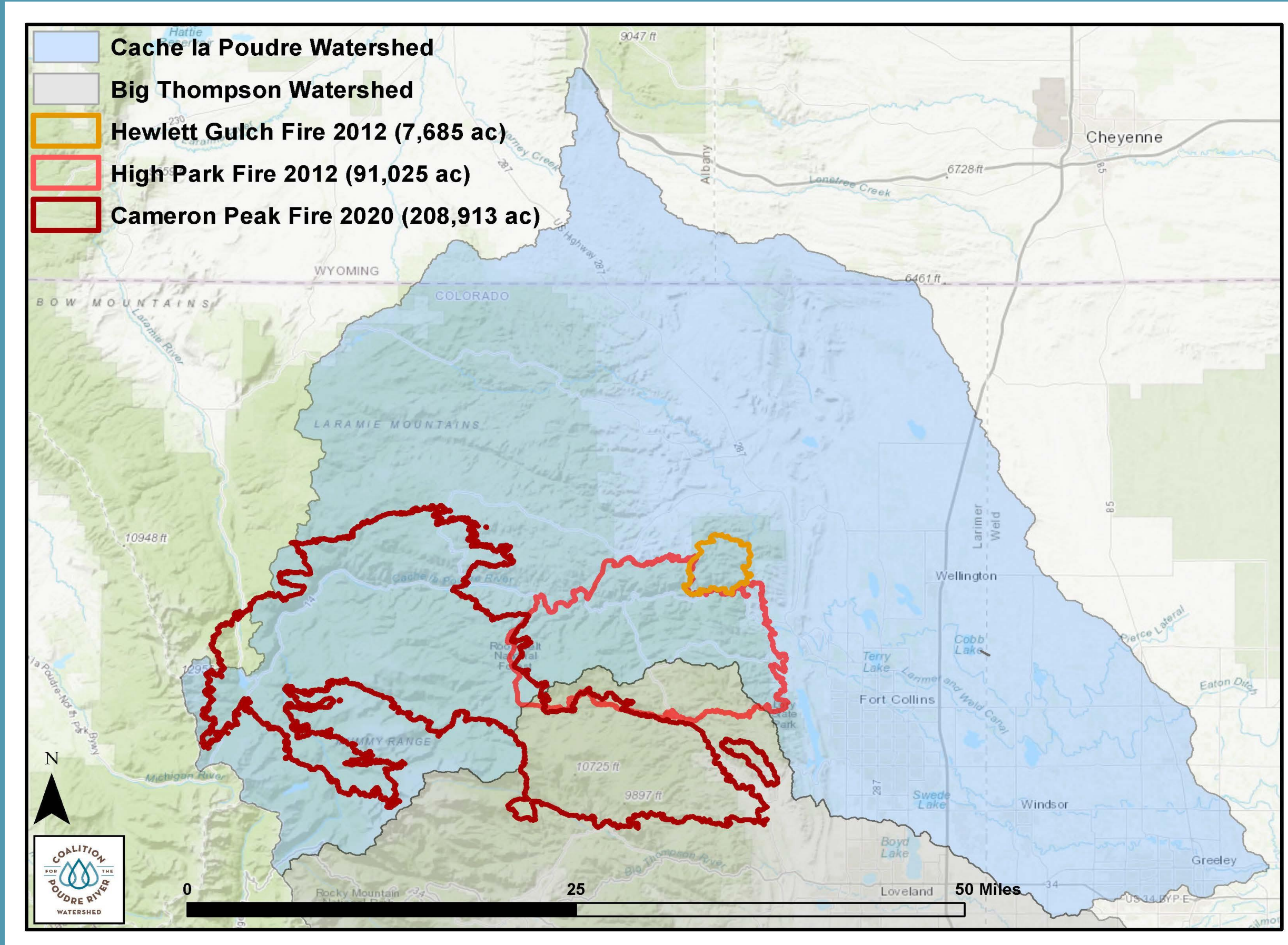
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**Wildfires: Physical Drivers of Change**

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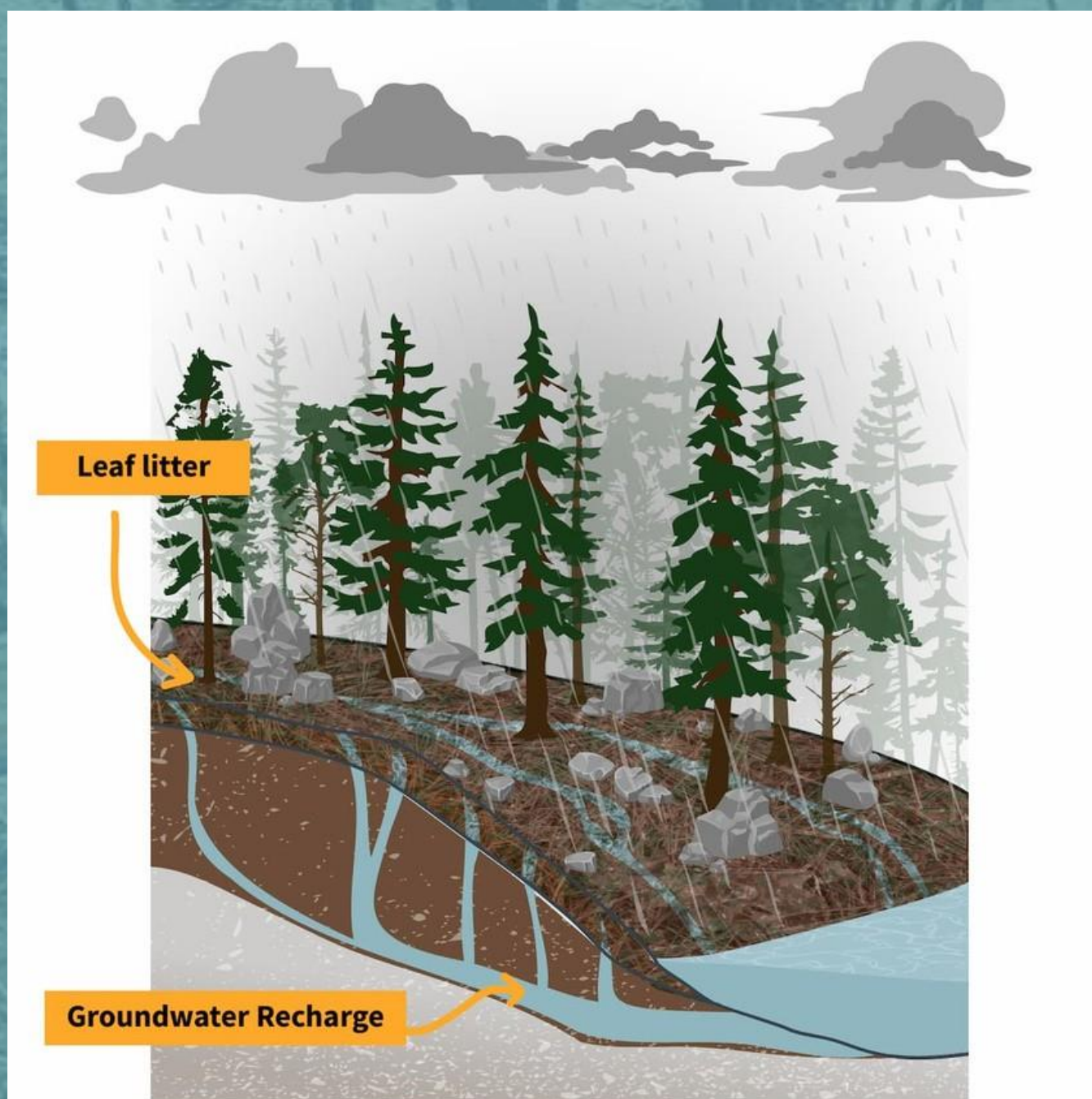
# WILDFIRES IN THE POUDRE WATERSHED -10-year timeframe



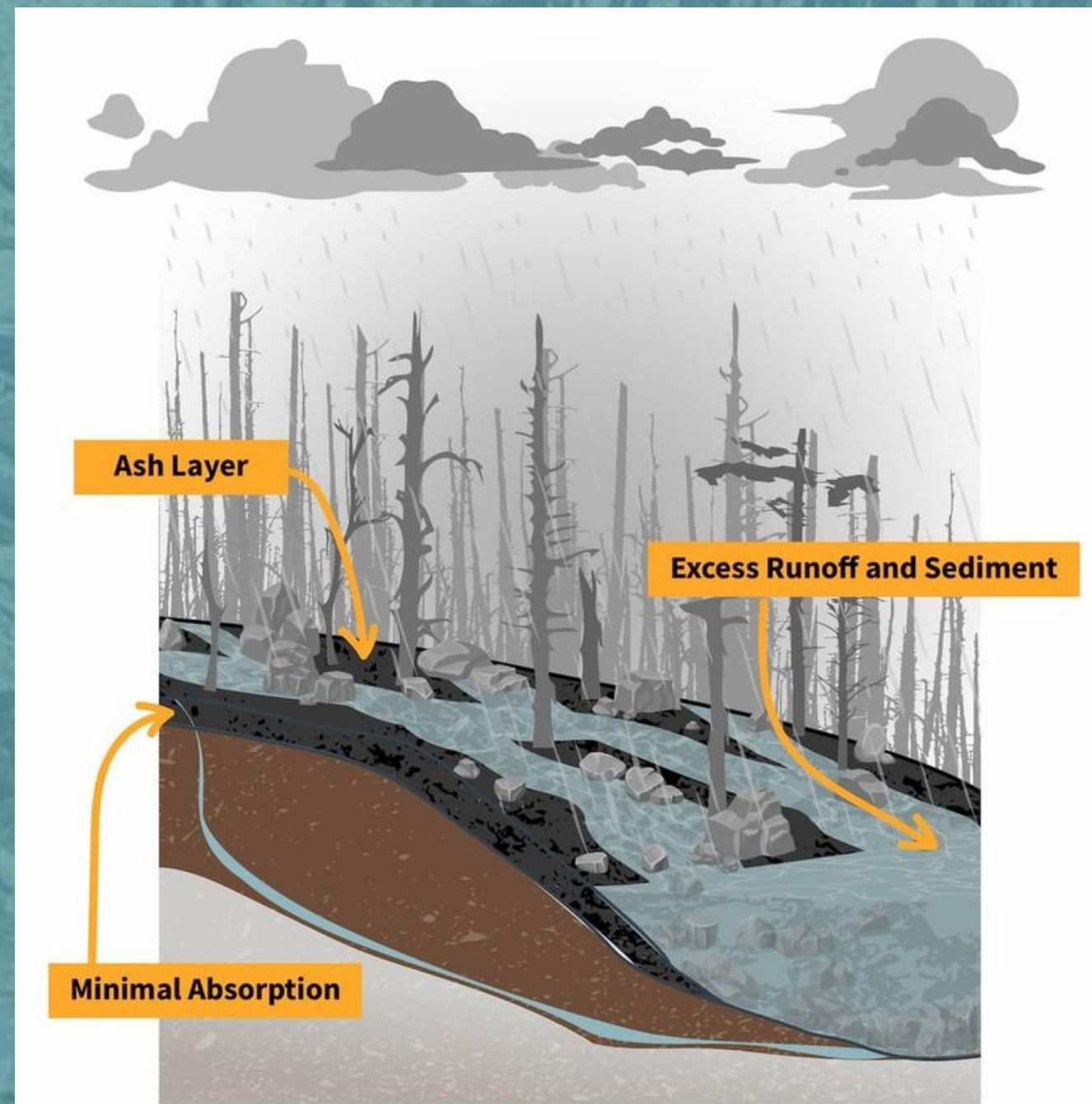
# Wildfire Response Phases & Stakeholders Involved

Fire Response & Communication	Recovery Planning	Declarations / Collaboration	Fundraising	Communications with Public
Monitoring	Project Prioritization	Land Restoration & Public Assistance	Future Planning & Mitigation	

## BEFORE FIRE



## AFTER FIRE





# Post-Fire Flooding & Sediment





BLACK HOLLOW FLOOD  
JULY 20, 2021

# Long-Term Impacts



ALTERED WATERSHED  
PROCESSES



EXCESS SEDIMENT &  
NUTRIENTS



DEBRIS FLOWS, FLASH  
FLOODS, WASHED OUT  
ROADS, WATER QUALITY  
ISSUES

# CPF RESTORATION PROGRAM



**Aerial Mulching**



**Point-Mitigation**

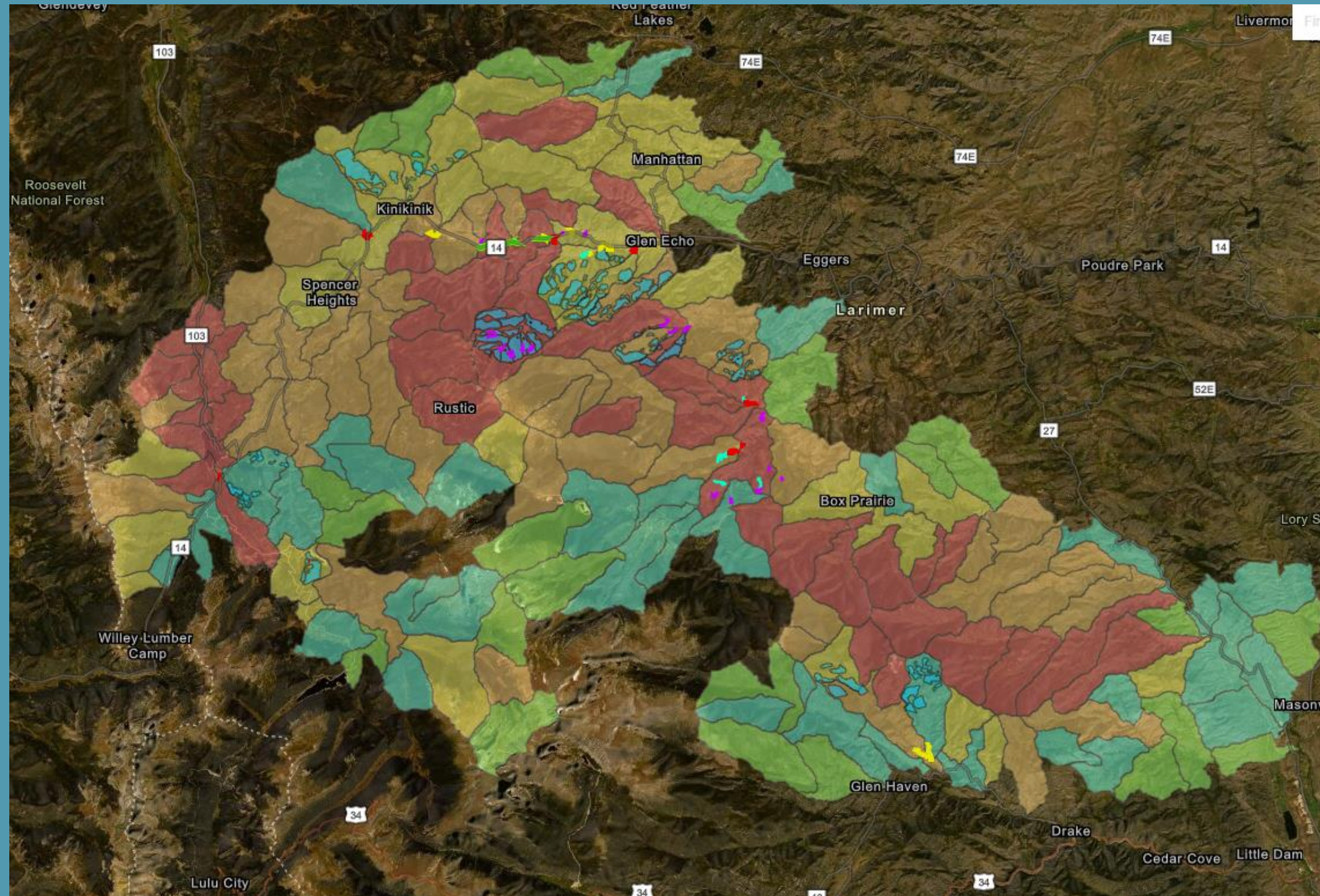


**Reforestation**

**Full-time Post-Fire Program Manager – Shayna Jones, [shayna@poudrewatershed.org](mailto:shayna@poudrewatershed.org)**



# CPF POST-FIRE PROJECTS



[Online interactive project map](#)



# AERIAL MULCH OVERVIEW



Largest aerial wood mulch operation in the United States.



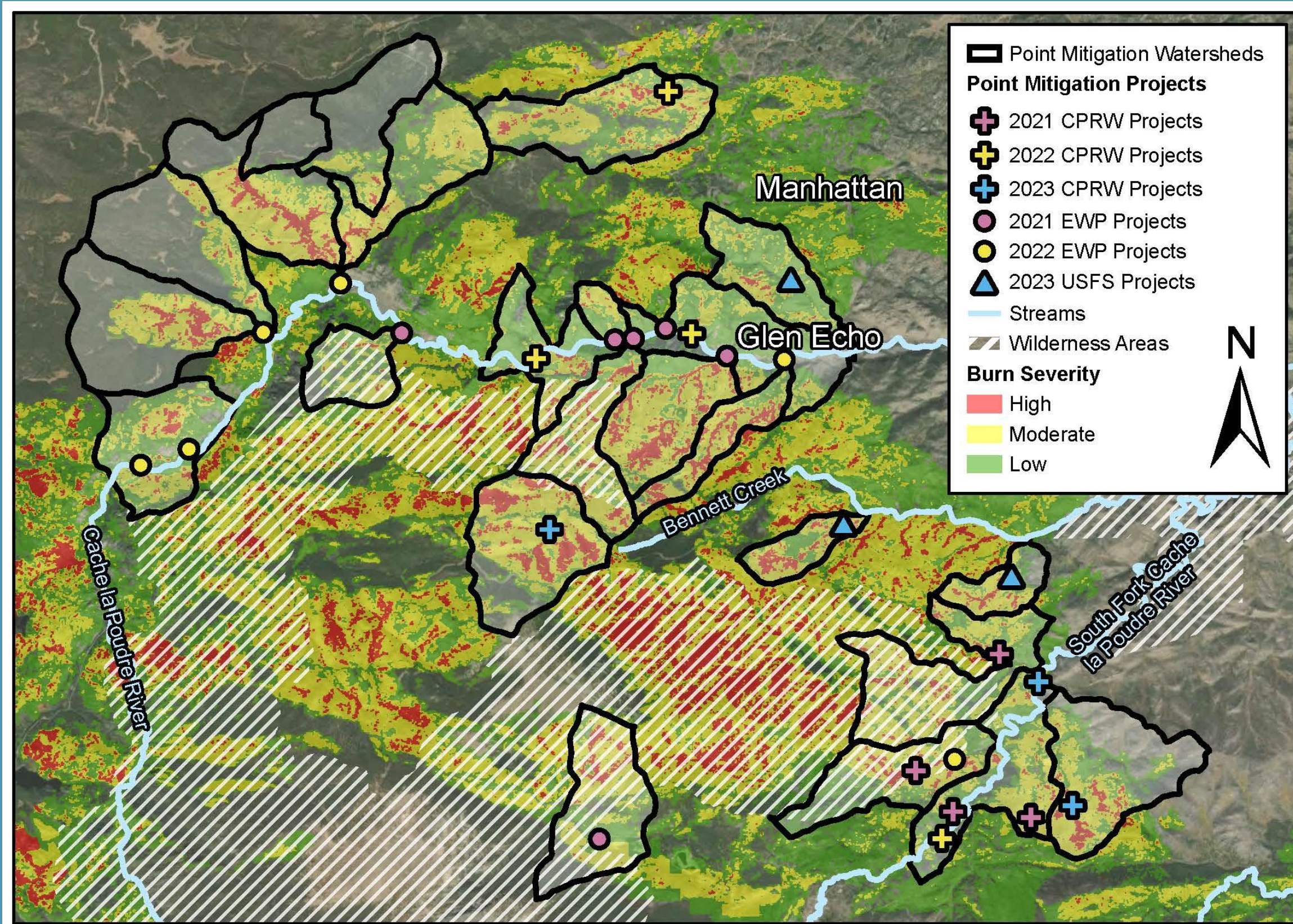
2021 – 5,800+ acres mulched

2022 – 4,100+ acres mulched

Research underway with CSU to evaluate effectiveness



# POINT MITIGATION



## 2022-2022 Overview

15

- Over 300 features installed in 17 priority watersheds
- 67 structures protected
- 30,000 upstream acres benefitted

# POINT MITIGATION TREATMENTS





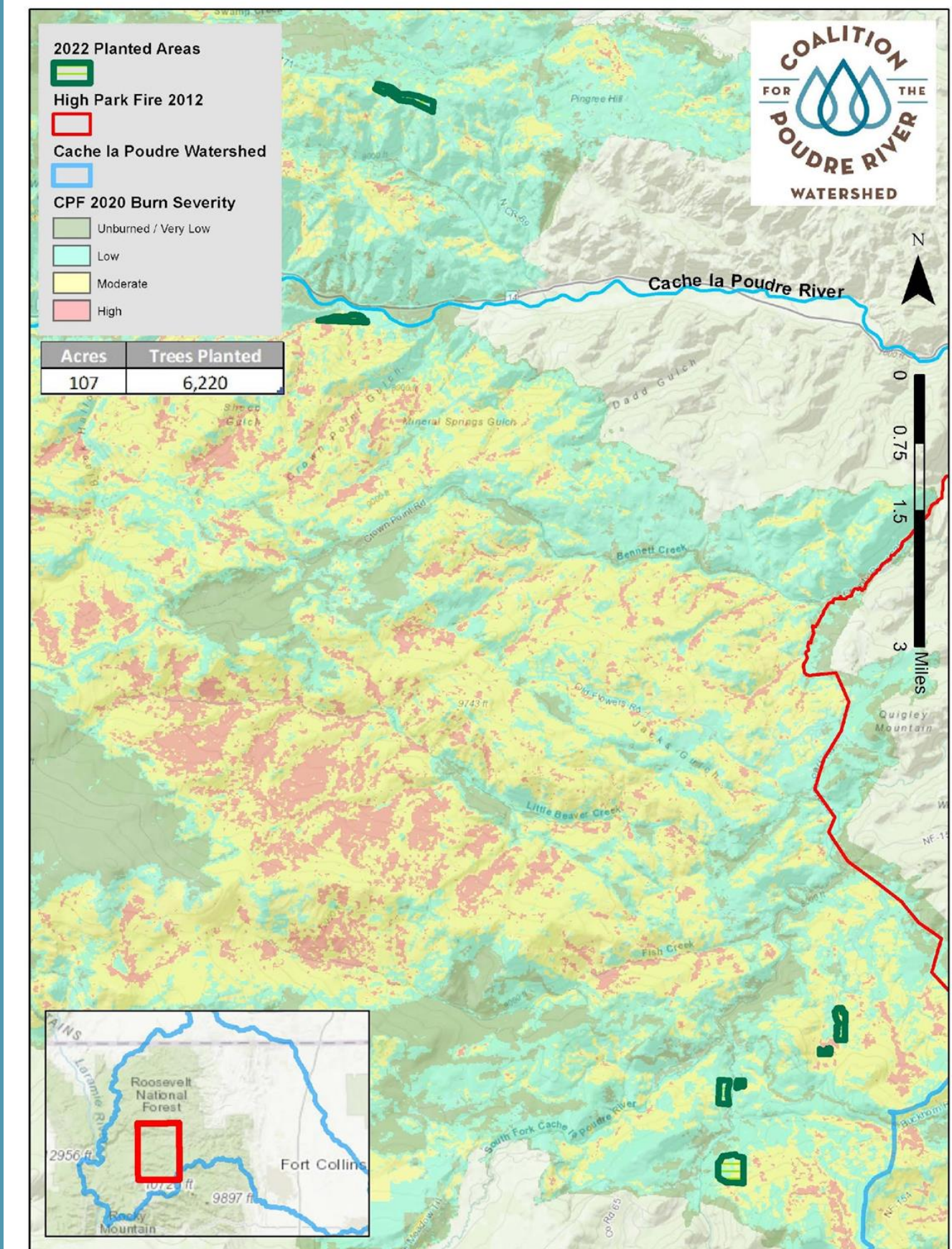
# REFORESTATION



17

## 2022 Season Overview

- 6200+ ponderosa pines planted
- 650+ volunteer hours
- 100+ acres



# FUNDING SOURCES



CAMERON PEAK FIRE RECOVERY



**COLORADO**  
Colorado Water  
Conservation Board  
Department of Natural Resources



# NEXT STEPS

- Planning efforts underway for additional point mitigation projects to be constructed in 2023
- Continued collaborative reforestation efforts
- Continued proactive forest health and fuels reduction mitigation in partnership with the Northern Colorado Fireshed
- Updates planned to Upper Poudre Resiliency Watershed Plan



# QUESTIONS?



[poudrewatershed.org](http://poudrewatershed.org)