

# Waldo Canyon Post Fire Recovery

USFS Pike National Forest

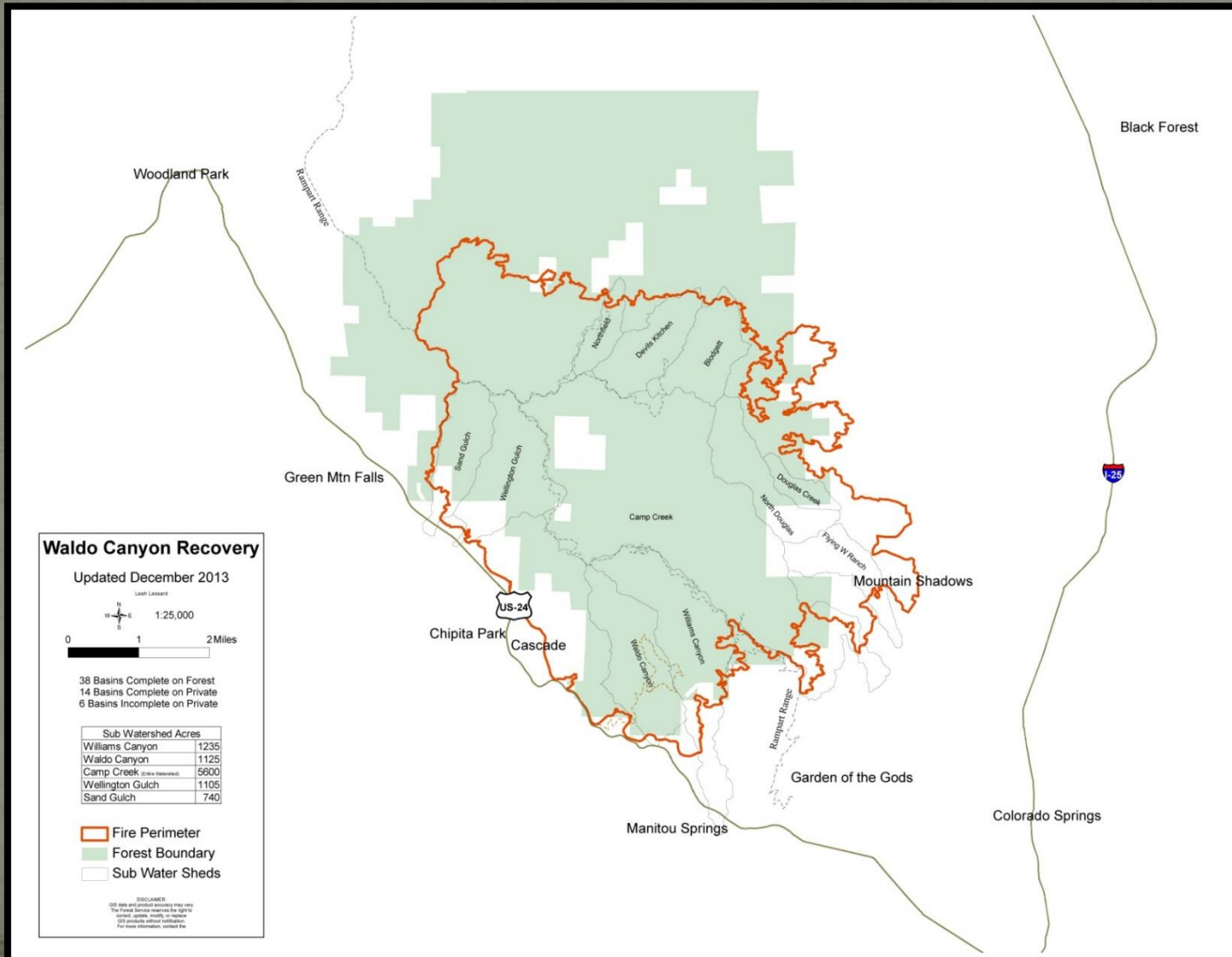
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April, 2019

Oscar Martinez, Pikes Peak District Ranger

# Waldo Canyon Fire Locator Map

Waldo Canyon Fire started June 23, 2012; contained July 5, 2012; burned 18,247 acres and 346 homes.



# Historic Fires



Pre-1990



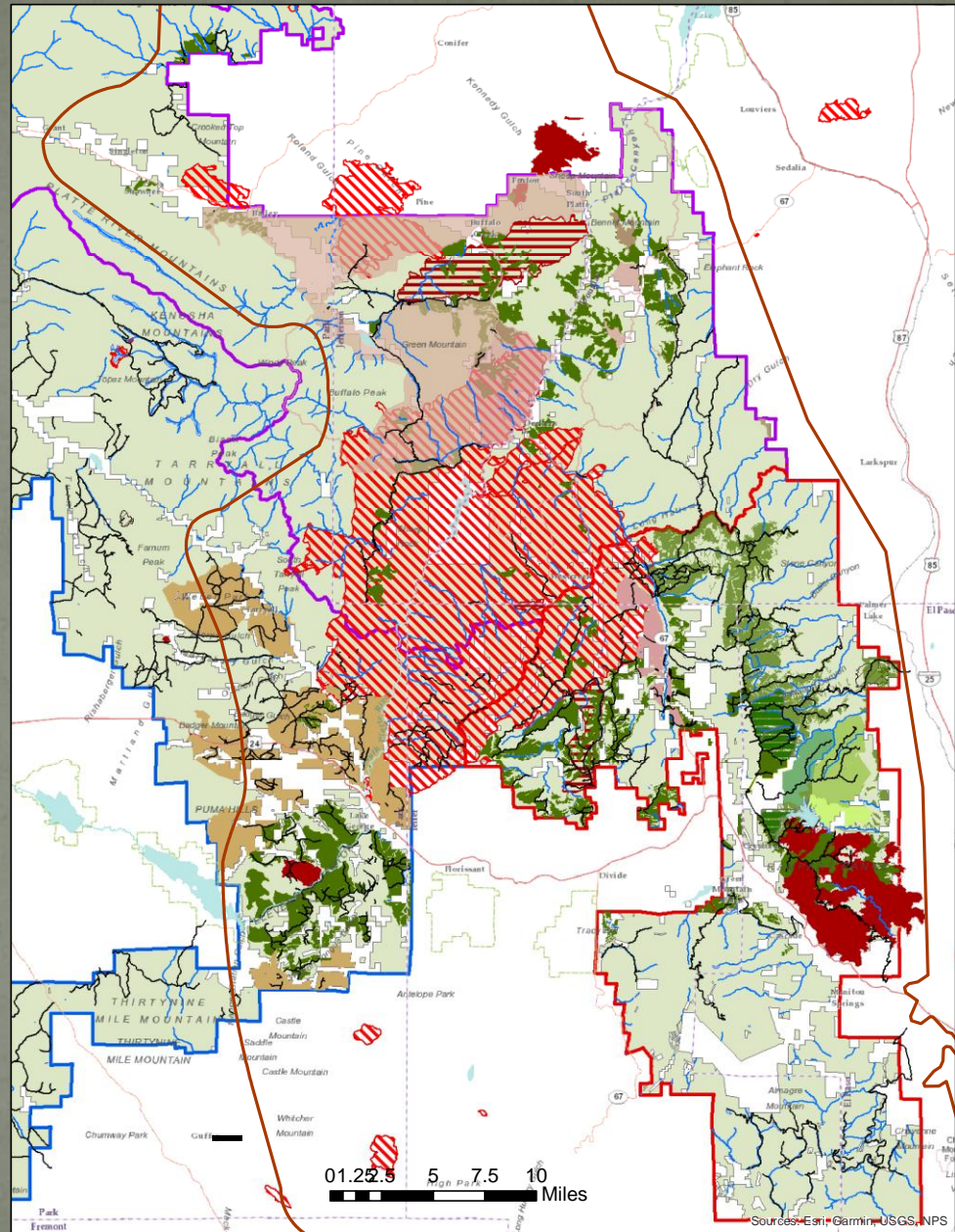
1990-1999



2000-2009



2010-2017





# Fill and Sill



## Gully

Work completed on USFS by Colorado Springs Utilities contractors.

# Williams Canyon



After July 1st Event



Completed Channel Work

# Mastication



# Planting with Handcrews





# Lessons Learned



- Relationships Before, During, After
- Critical Importance of Design & Implementation
  - Administrative Boundaries
  - Leveraging Budgets - NGOs
  - Coordination Between Various Stakeholders
- Allowances for Adaptive Design
  - Ability to Adjust Treatments Given Field Conditions
  - Design/Build Contracts
  - Adjusting Treatment Designs Based on Post Project

# Vegetation



# Wildlife

