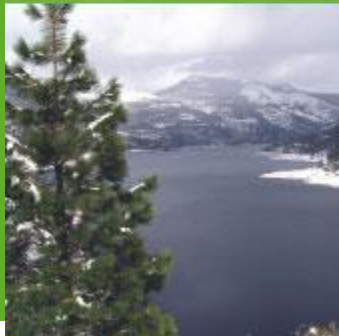




Water



Stewardship



Energy



60 Years in 60 Seconds



→ **FOUNDED IN 1957**

Founded on September 11, 1957 through a special act of the State Legislature.

→ **SERVING PLACER COUNTY**

PCWA is responsible for the development and protection of water resources for all of the people of Placer County.

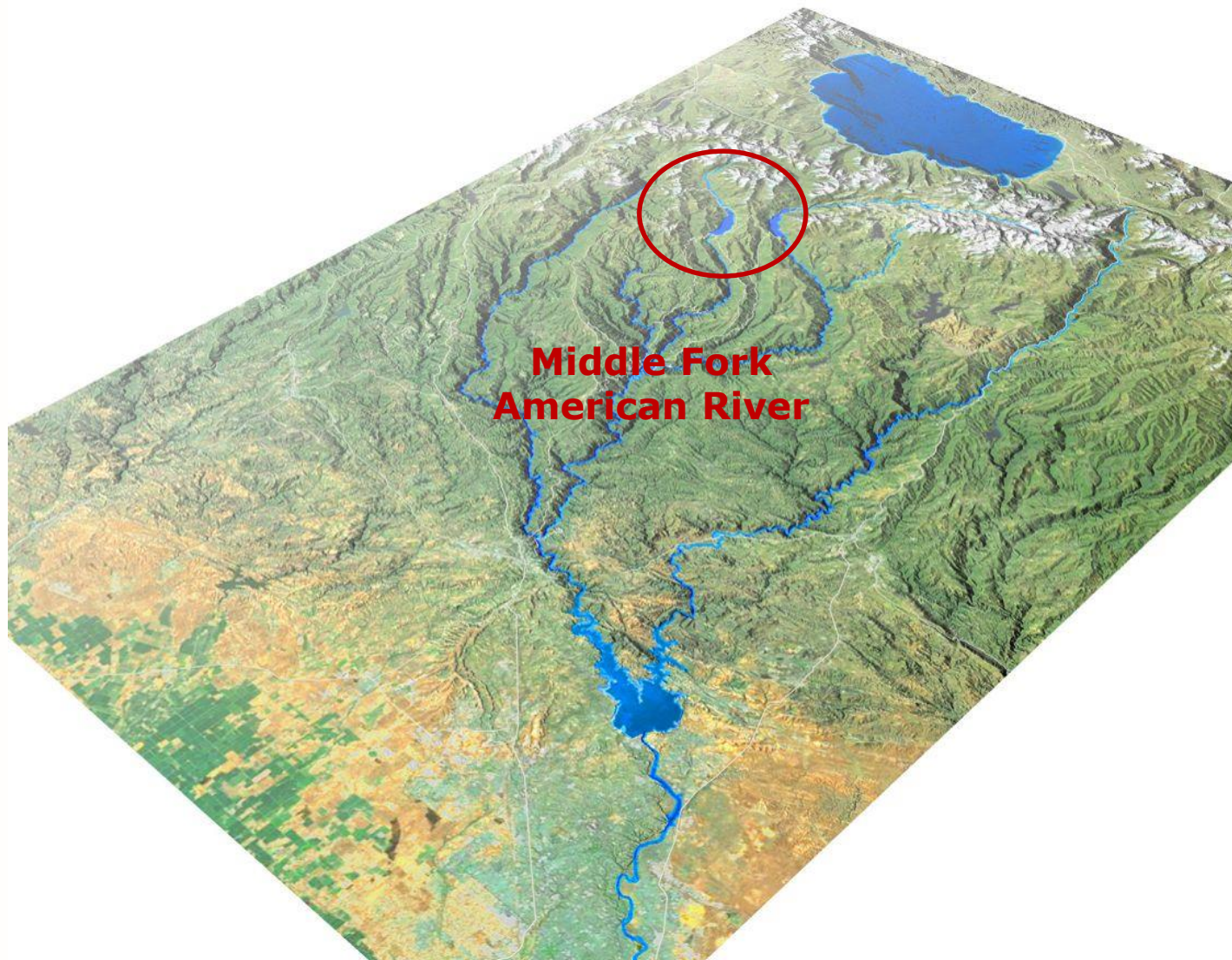
→ **MEETING A REGION'S NEEDS**

PCWA Built the Middle Fork Project between 1963-1967 (\$115 M)

Purchased and continues to operate PG&E's west Placer retail water system

Developed retail water systems serving: Rocklin, Lincoln, Loomis, Auburn, Colfax, Alta and Martis Valley





Climate Data

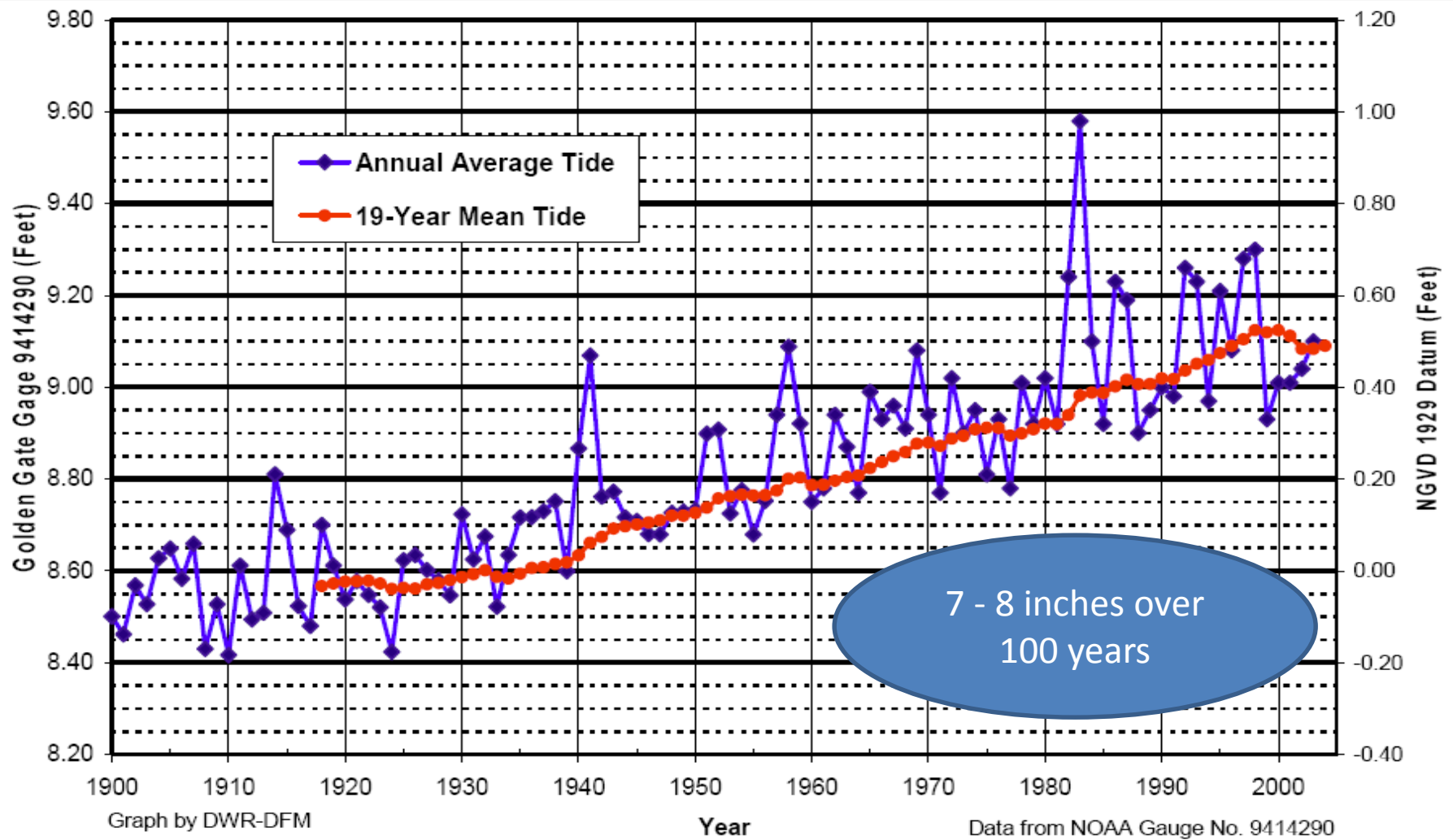


Figure 2-27 Graph of Annual Average Relative Sea Level and the 19-Year Running Average Sea Level at the San Francisco Tide Gauge

b) Total Water Year Runoff Volume (October-September)

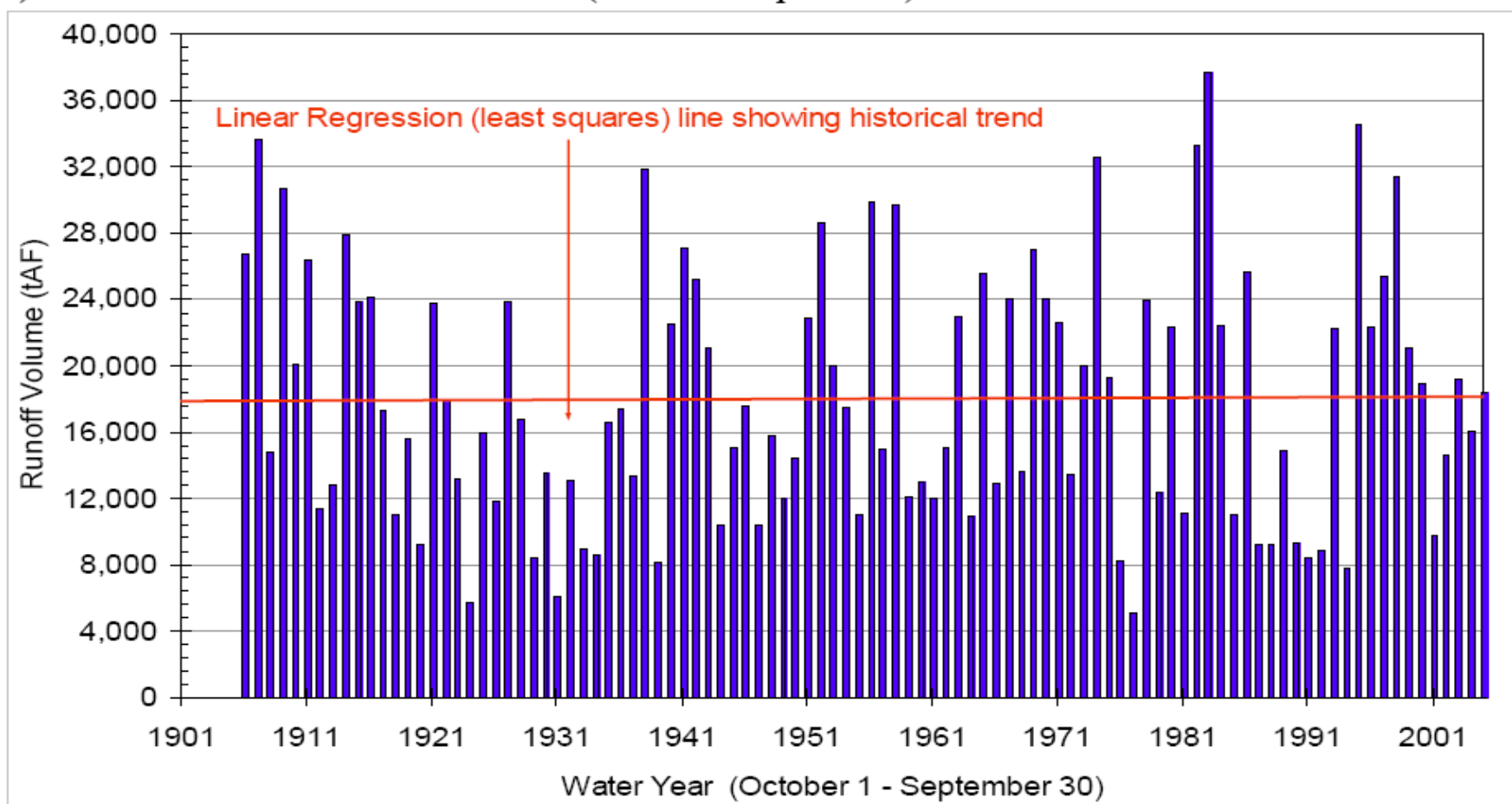
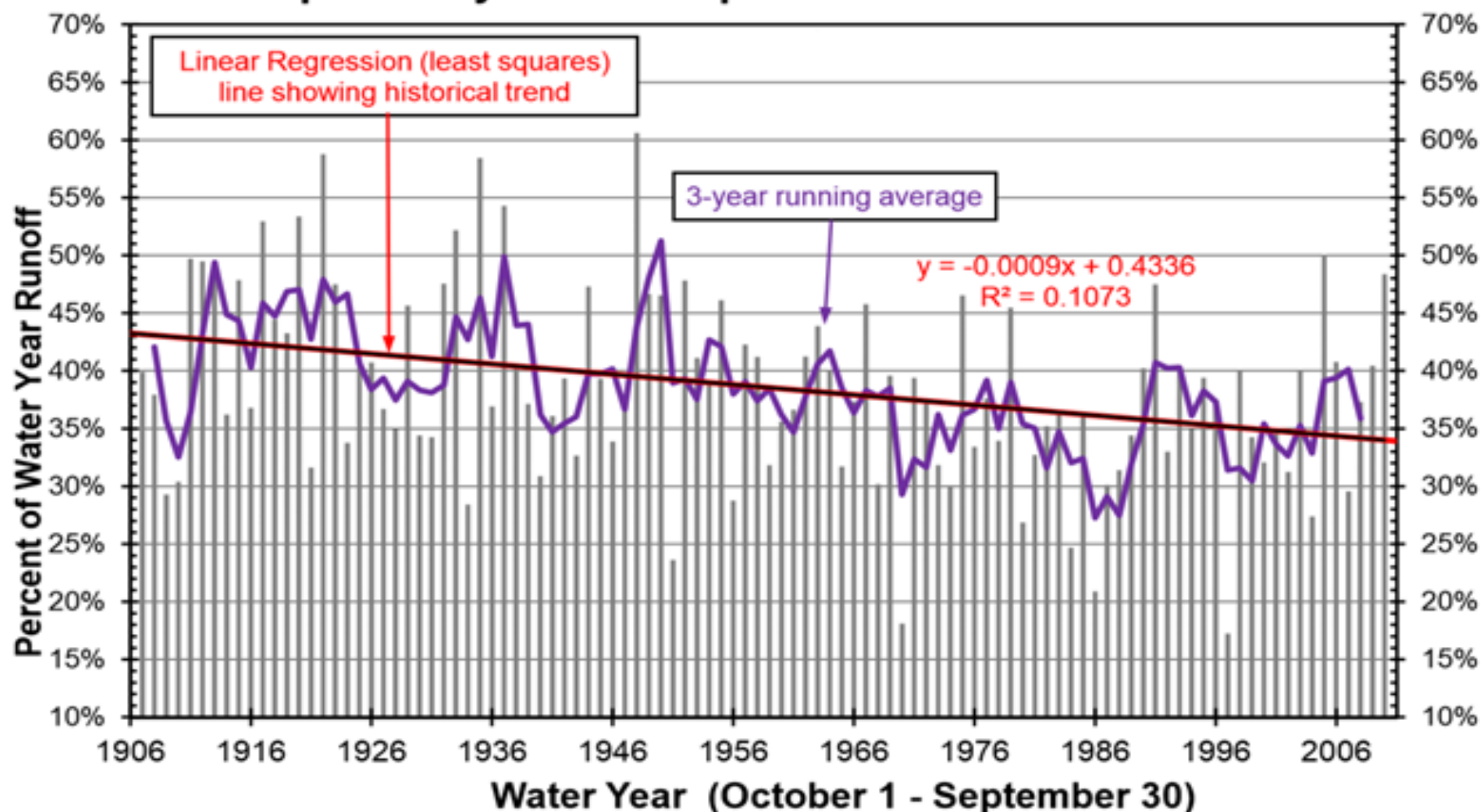


Figure 2-14 Unimpaired Runoff Volume for Four Sacramento Valley Rivers*

* Based on the flows of four rivers in the Sacramento Valley; Sacramento River at Bend Bridge (near Red Bluff), Feather River into Lake Oroville, Yuba River at Smartville, and American River below Folsom Lake. (taf) = thousand acre feet.

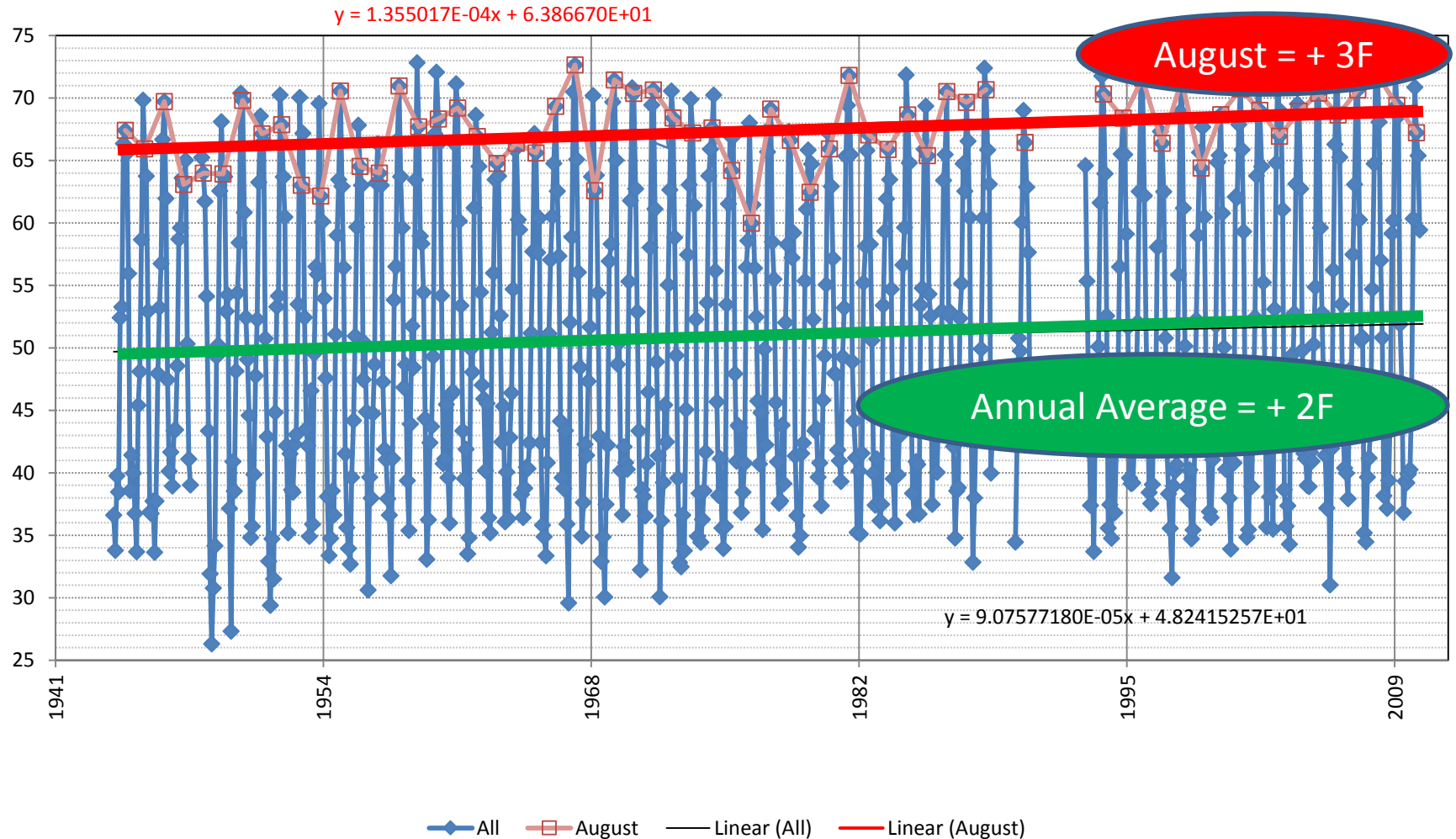
Sacramento River Runoff

April - July Runoff in percent of Water Year Runoff



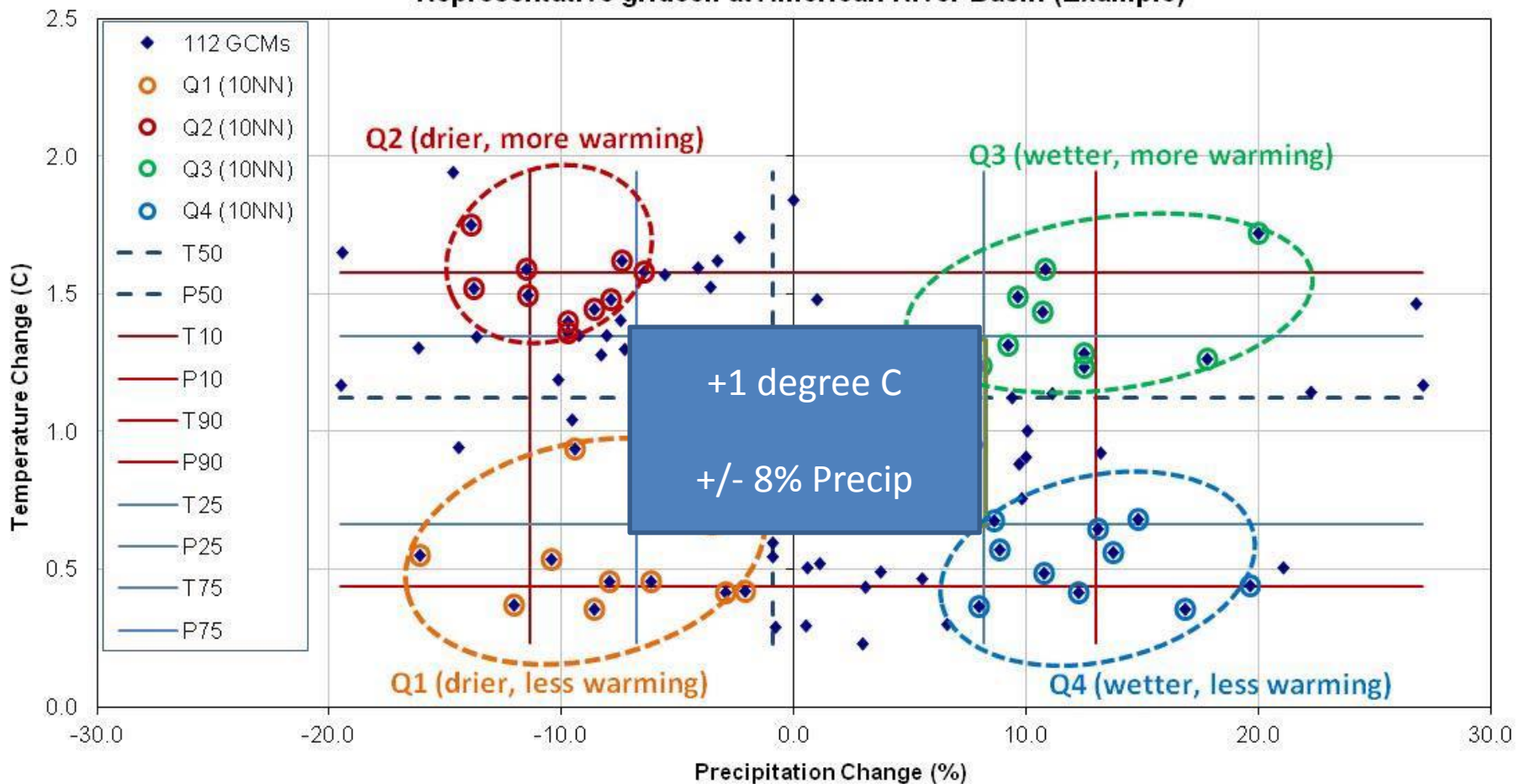
Source: DWR, 2011

Blue Canyon, CA - Air Temperature

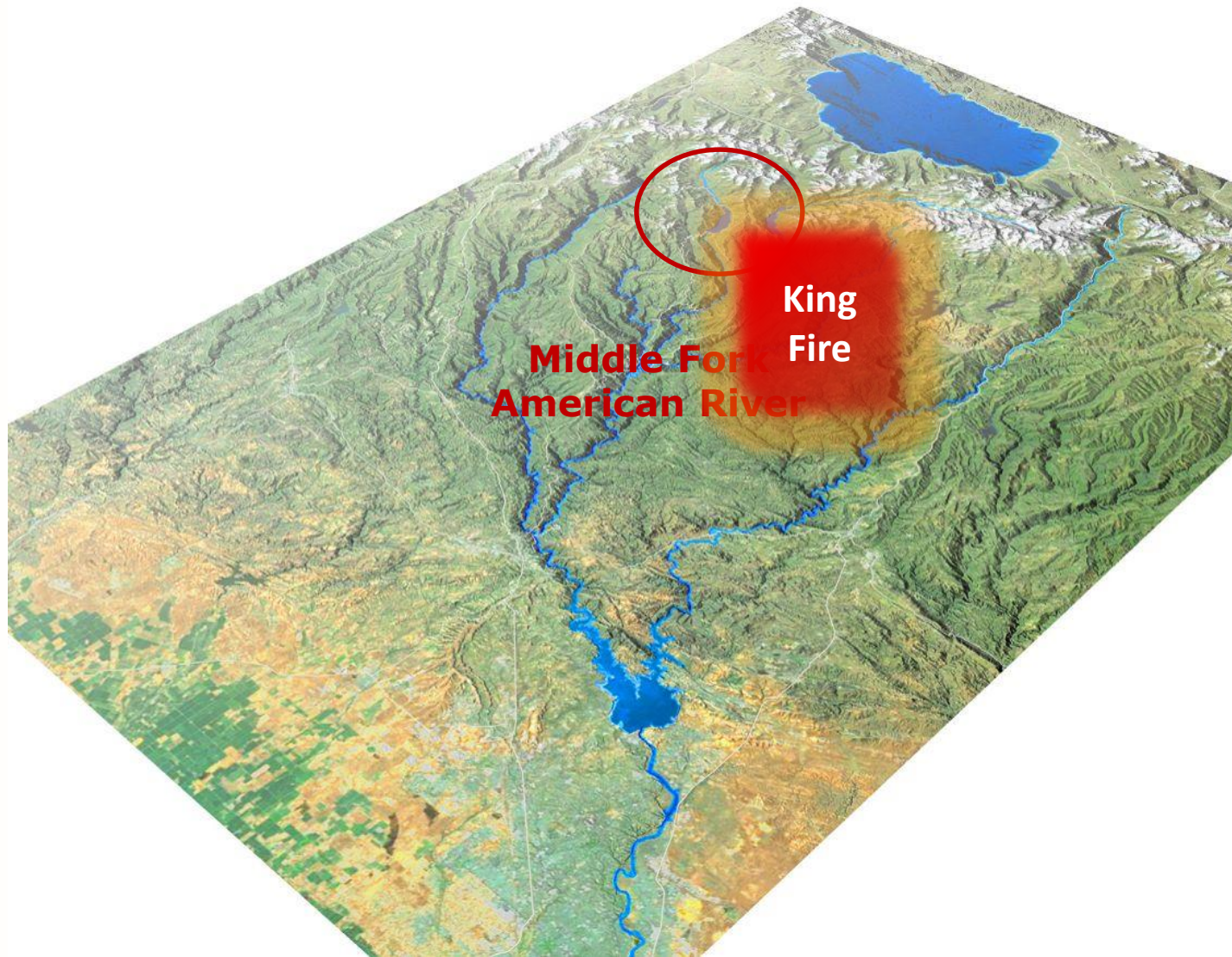


USBR Basin Study Modeling Assumptions

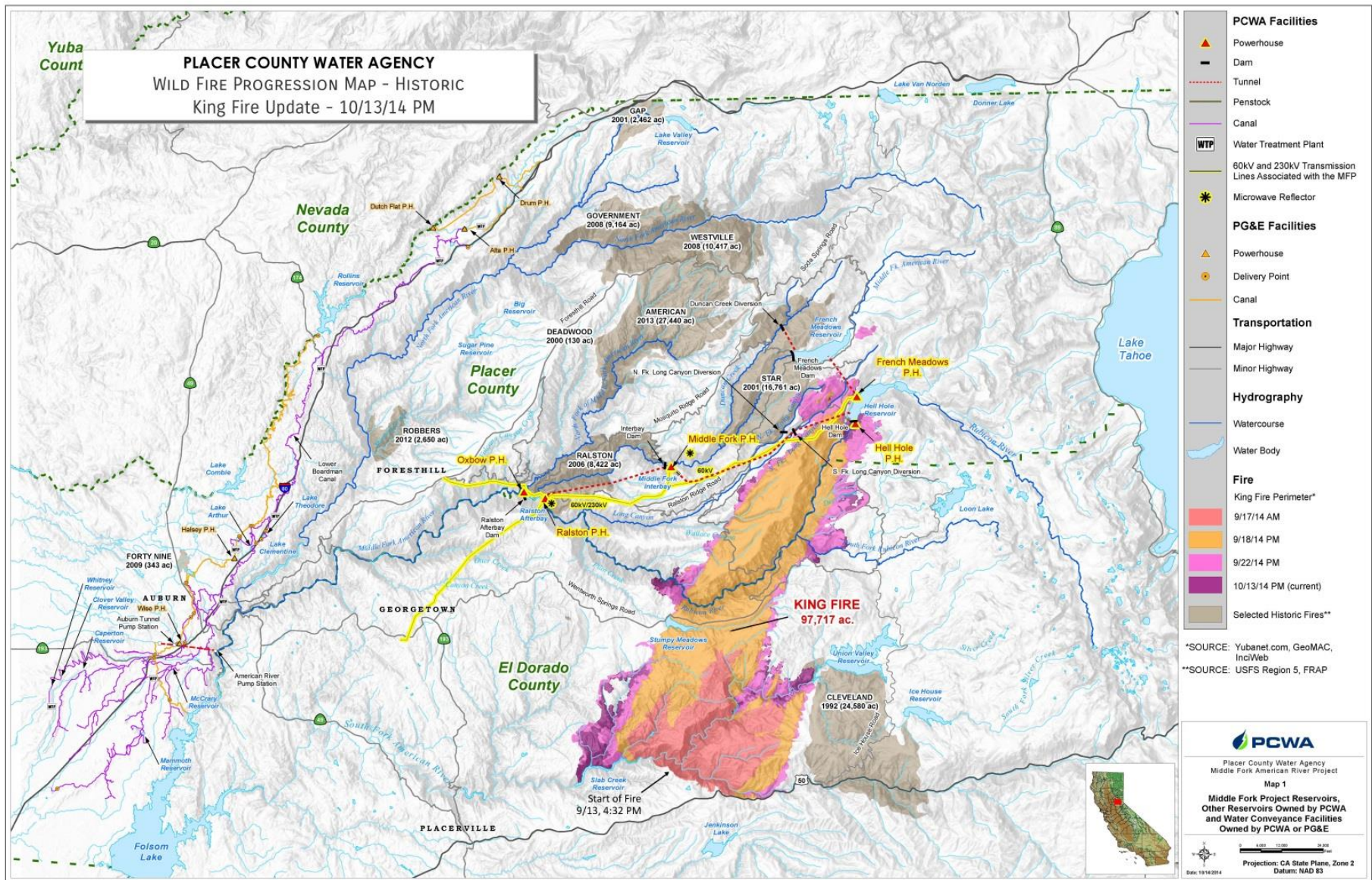
Relationship Between Changes in Mean Annual Temperature and Precipitation
Scenarios - 10 NN Method
Representative gridcell at American River Basin (Example)



Fire Impacts





























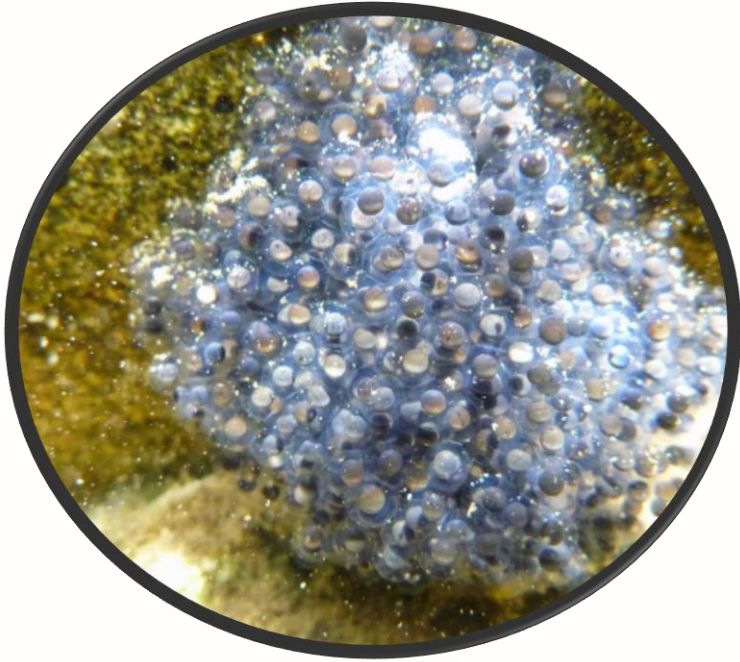
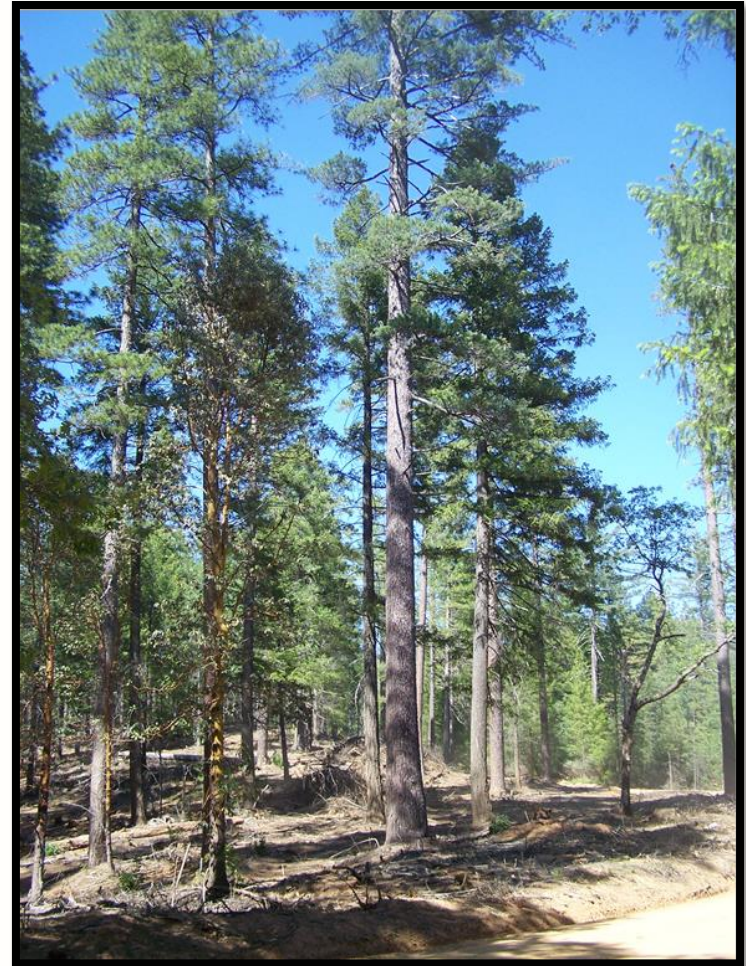
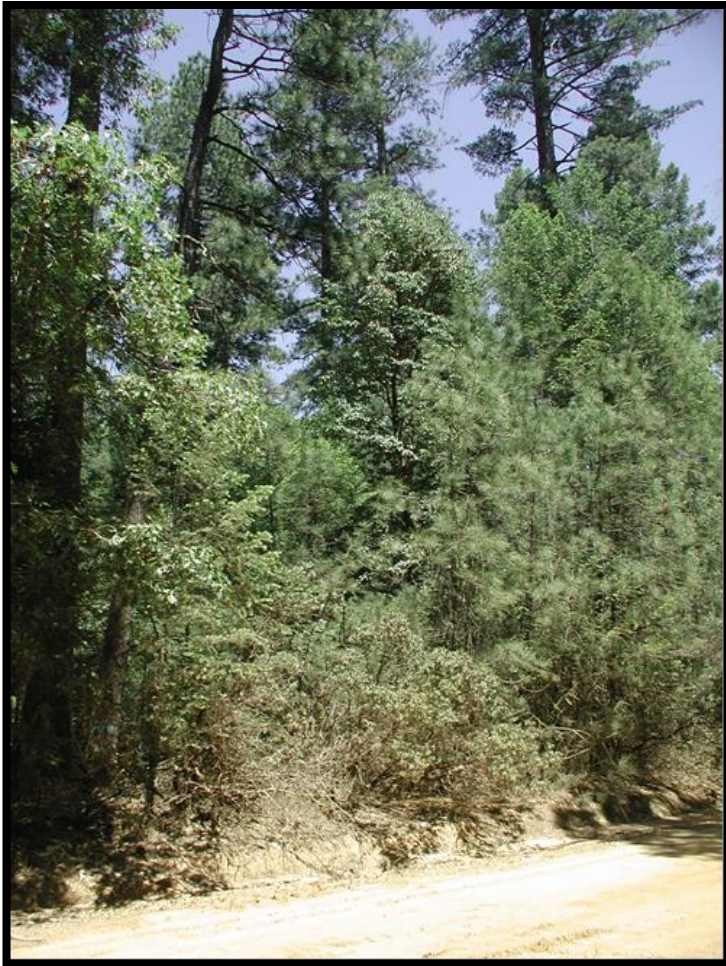


Photo courtesy of UC Davis

Mitigating Climate and Fire

What We Can Do

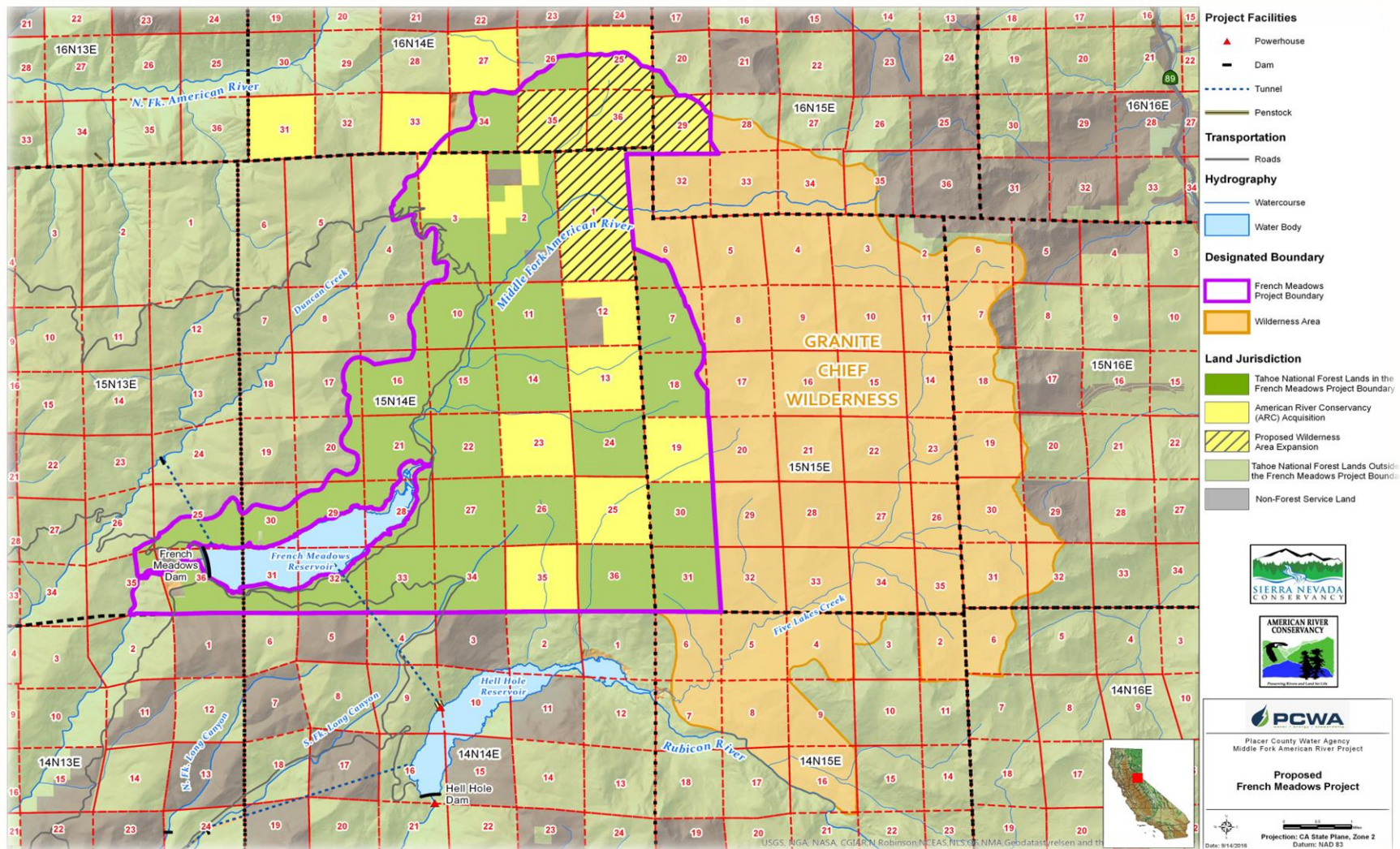
Watershed Vegetation Management

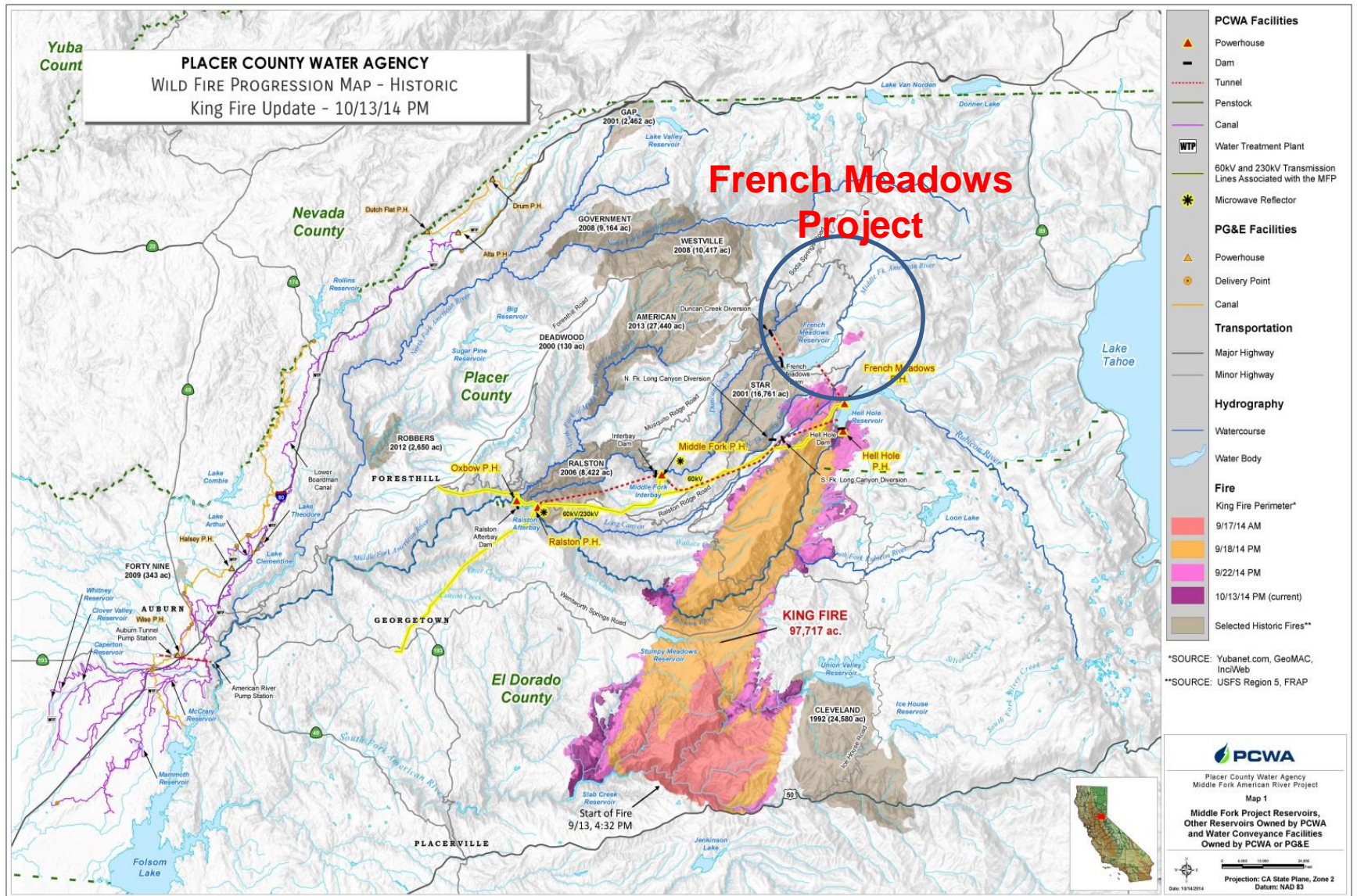




What We Can Do

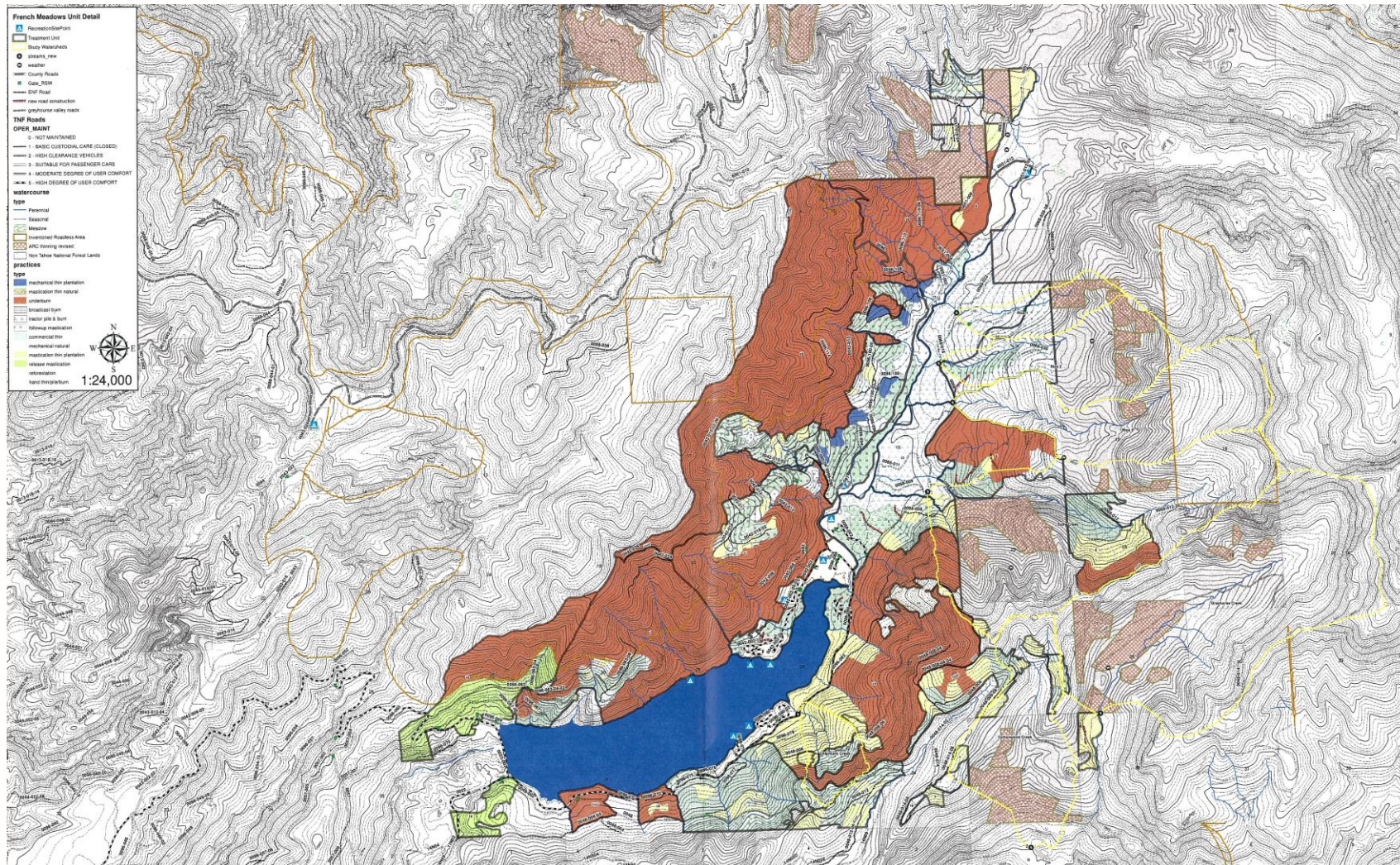
Partner and Invest





French Meadows Project

Ecologically-based, Landscape-scale Fuels Management



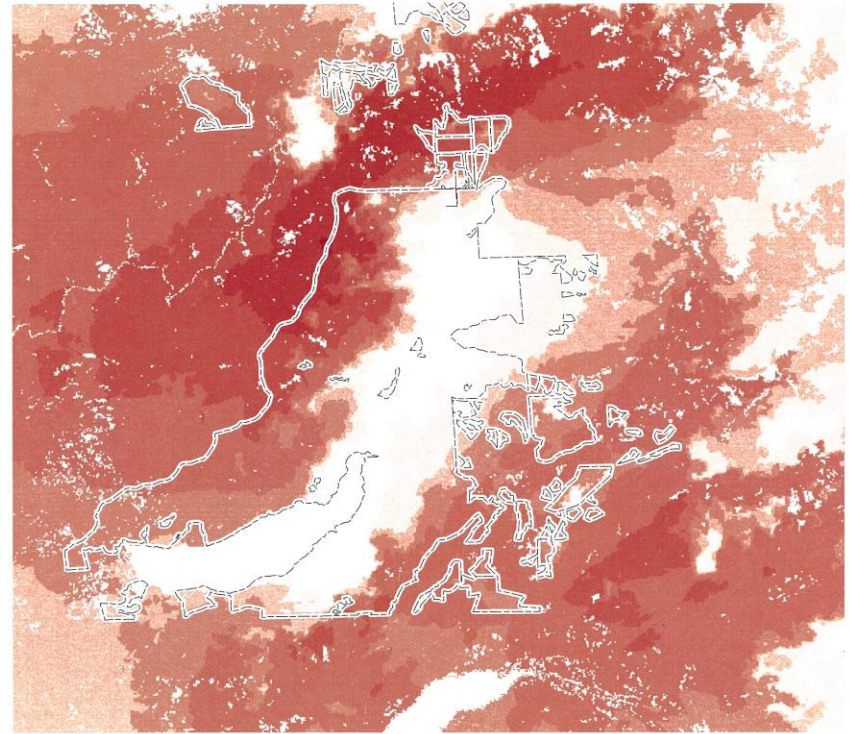
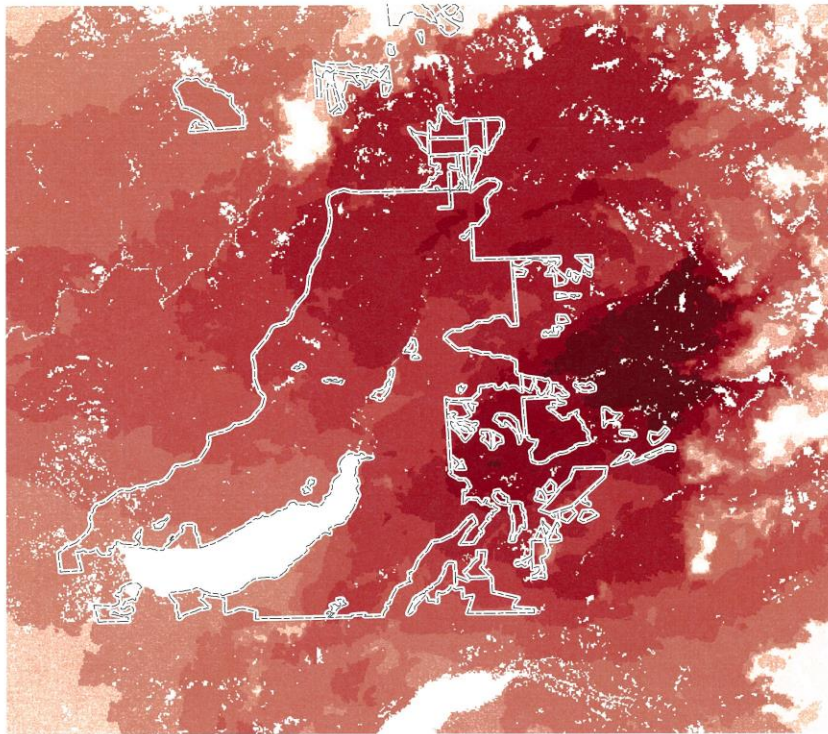
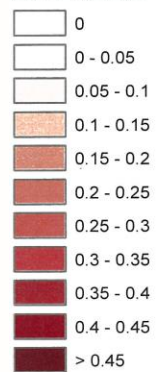
French Meadows Project

Fire Modelling

No Action - Burn Probability

Treatment Alternative - Burn Probability

BP: Fraction



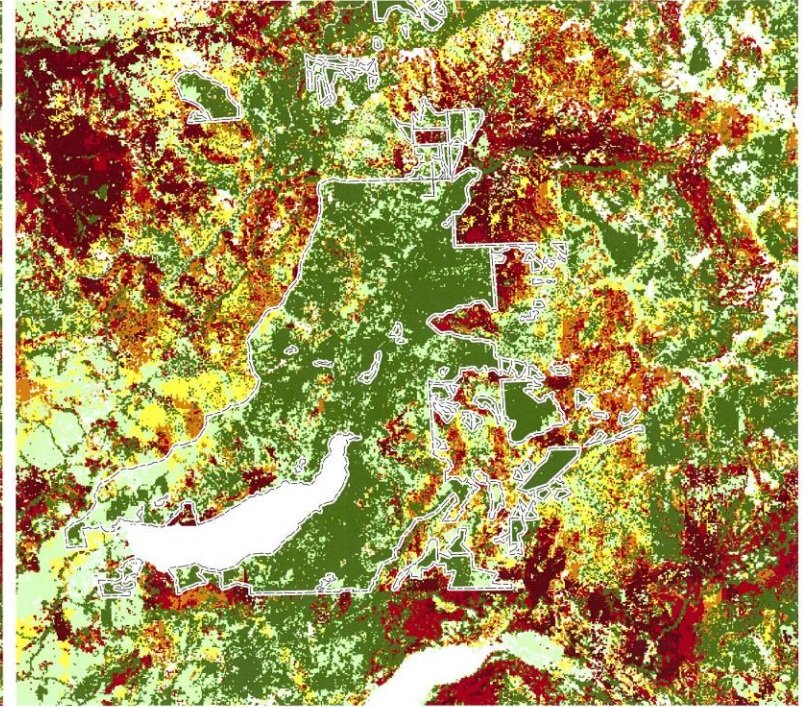
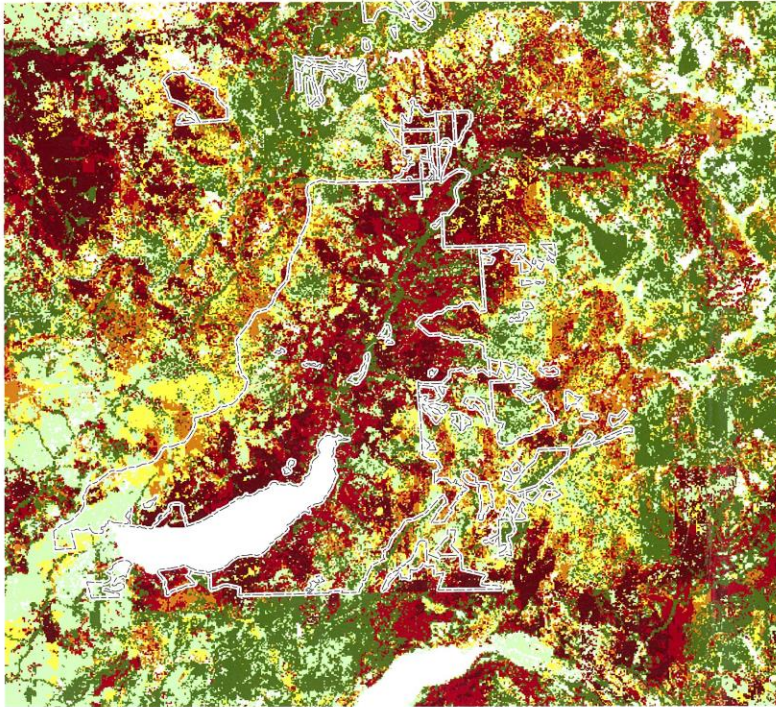
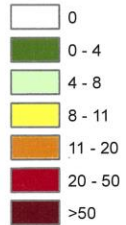
French Meadows Project

Fire Modelling

No Action - Flame Length

Treatment Alternative - Flame Length

FL: Feet



French Meadows Project



**Tahoe National Forest, The Nature Conservancy,
Placer County Water Agency, Placer County,
American River Conservancy,
University of California Merced**

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