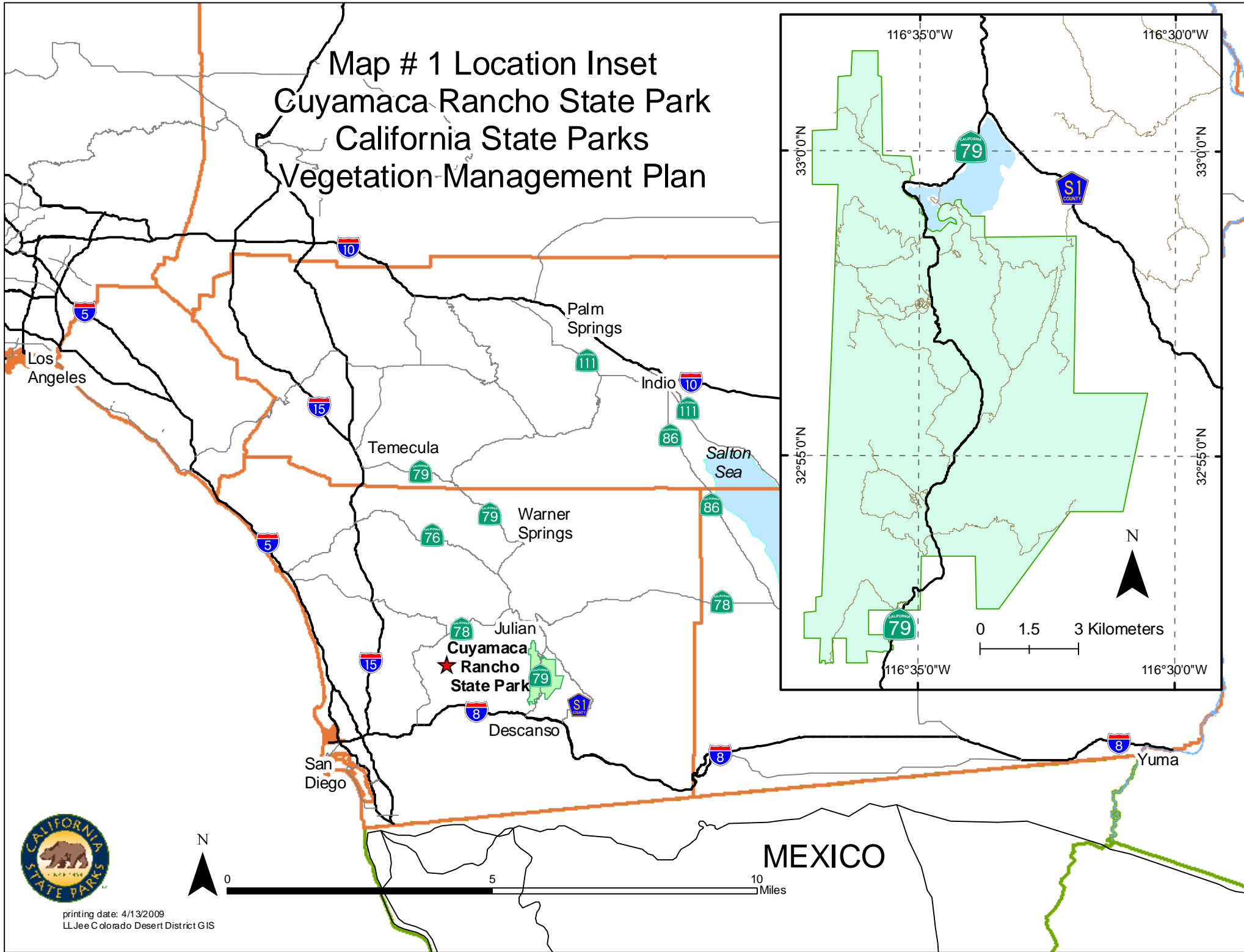


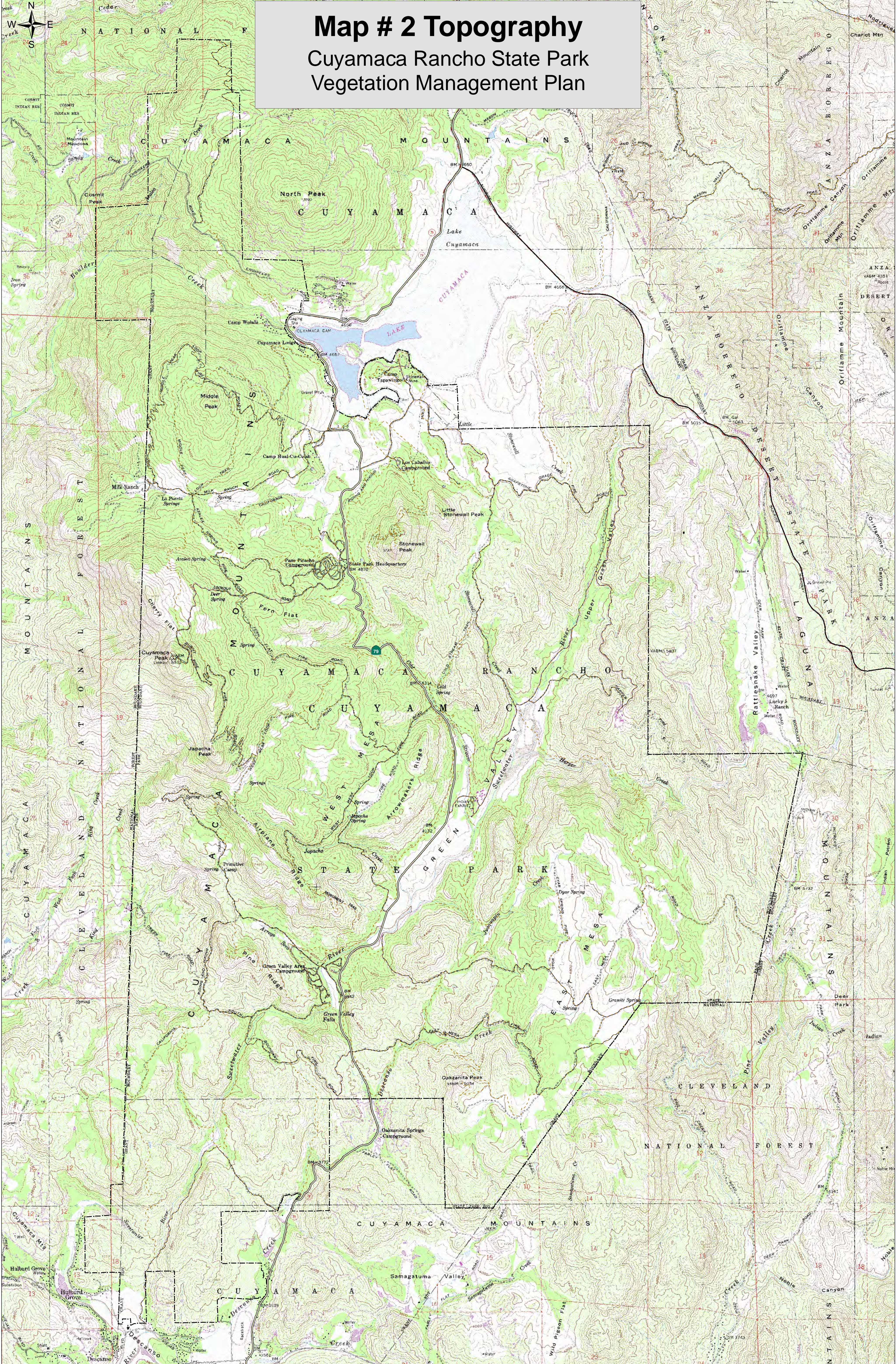
# Map # 1 Location Inset Cuyamaca Rancho State Park California State Parks Vegetation Management Plan



# Map # 2 Topography

## Cuyamaca Rancho State Park

### Vegetation Management Plan



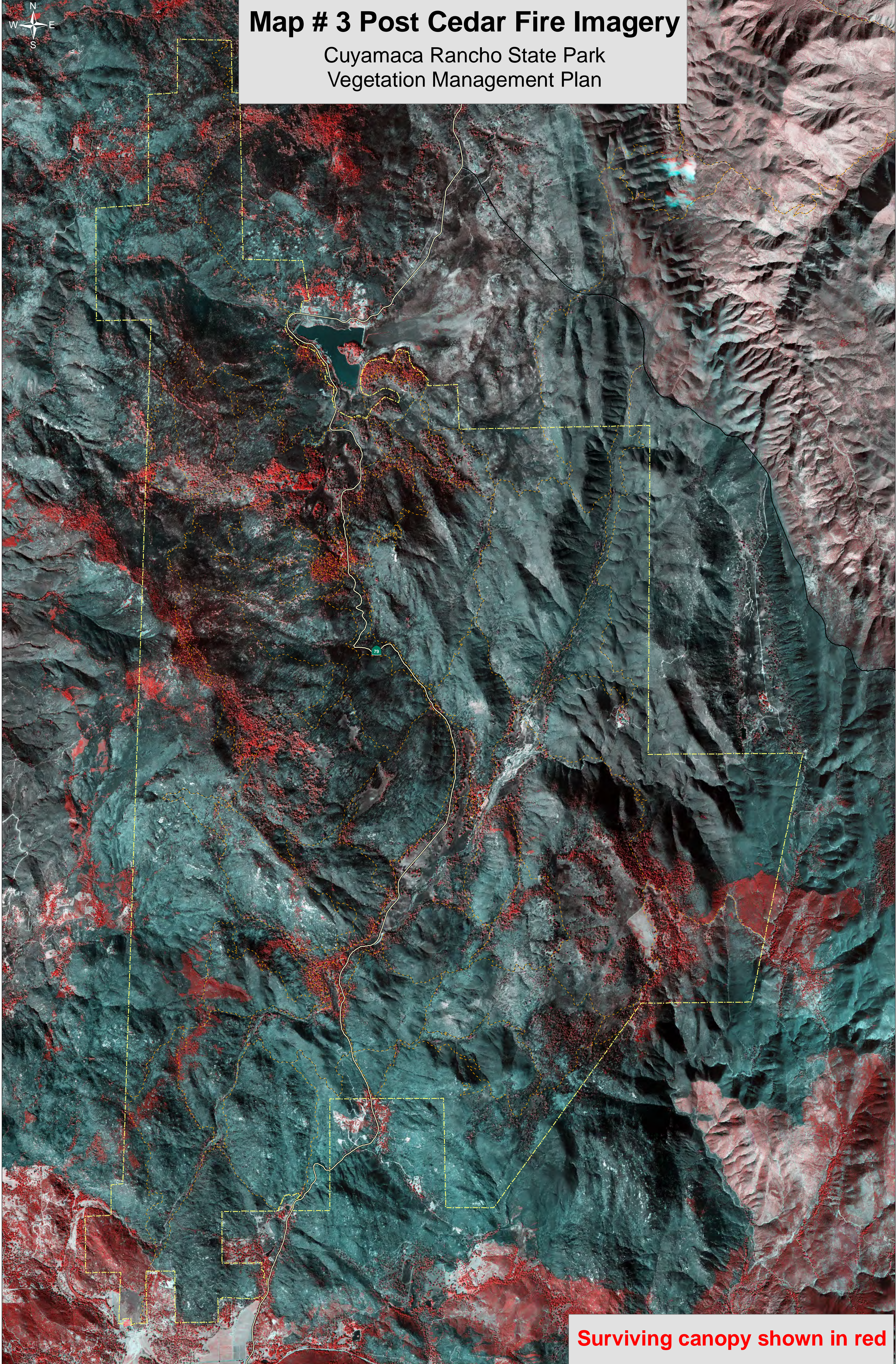
Data from State Parks

0 0.25 0.5 0.75 1 2 Miles

Map By: Don Solleder  
06-2009  
Teale Albers NAD 83 Projection  
124000

# Map # 3 Post Cedar Fire Imagery

Cuyamaca Rancho State Park  
Vegetation Management Plan



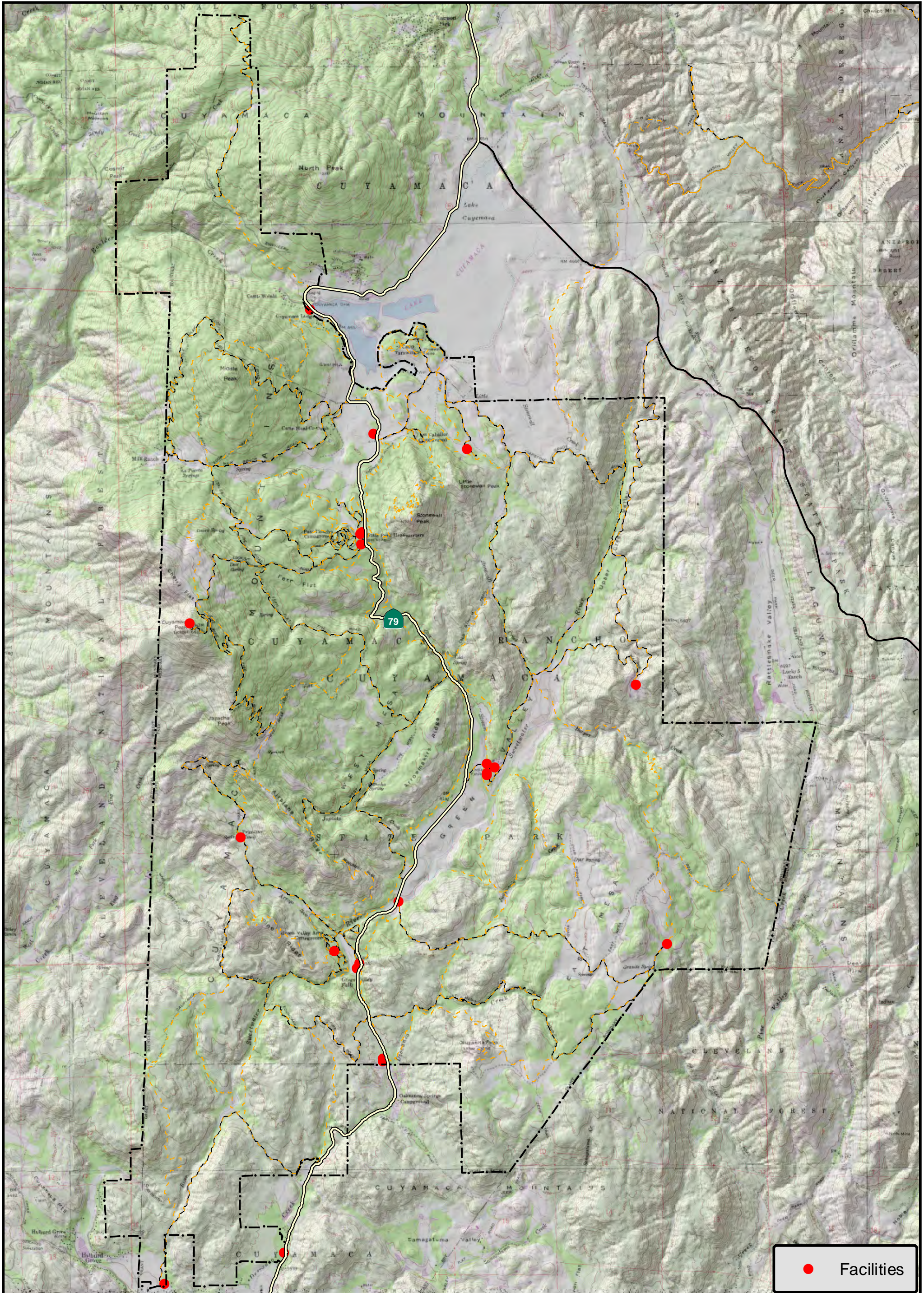
**Surviving canopy shown in red**





# Map # 4 Facilities

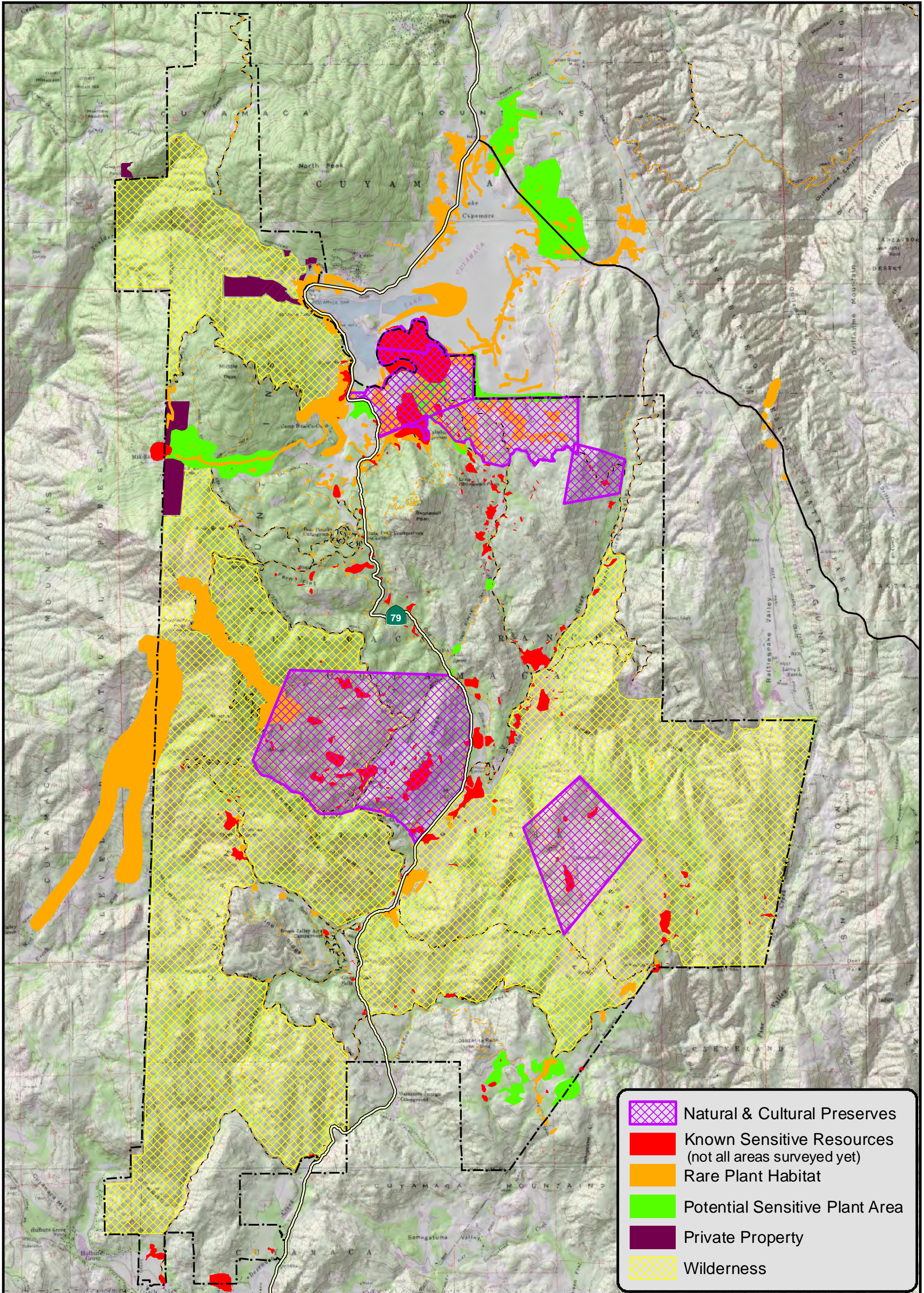
## Cuyamaca Rancho State Park Vegetation Management Plan





# Map # 5 Sensitive Resources

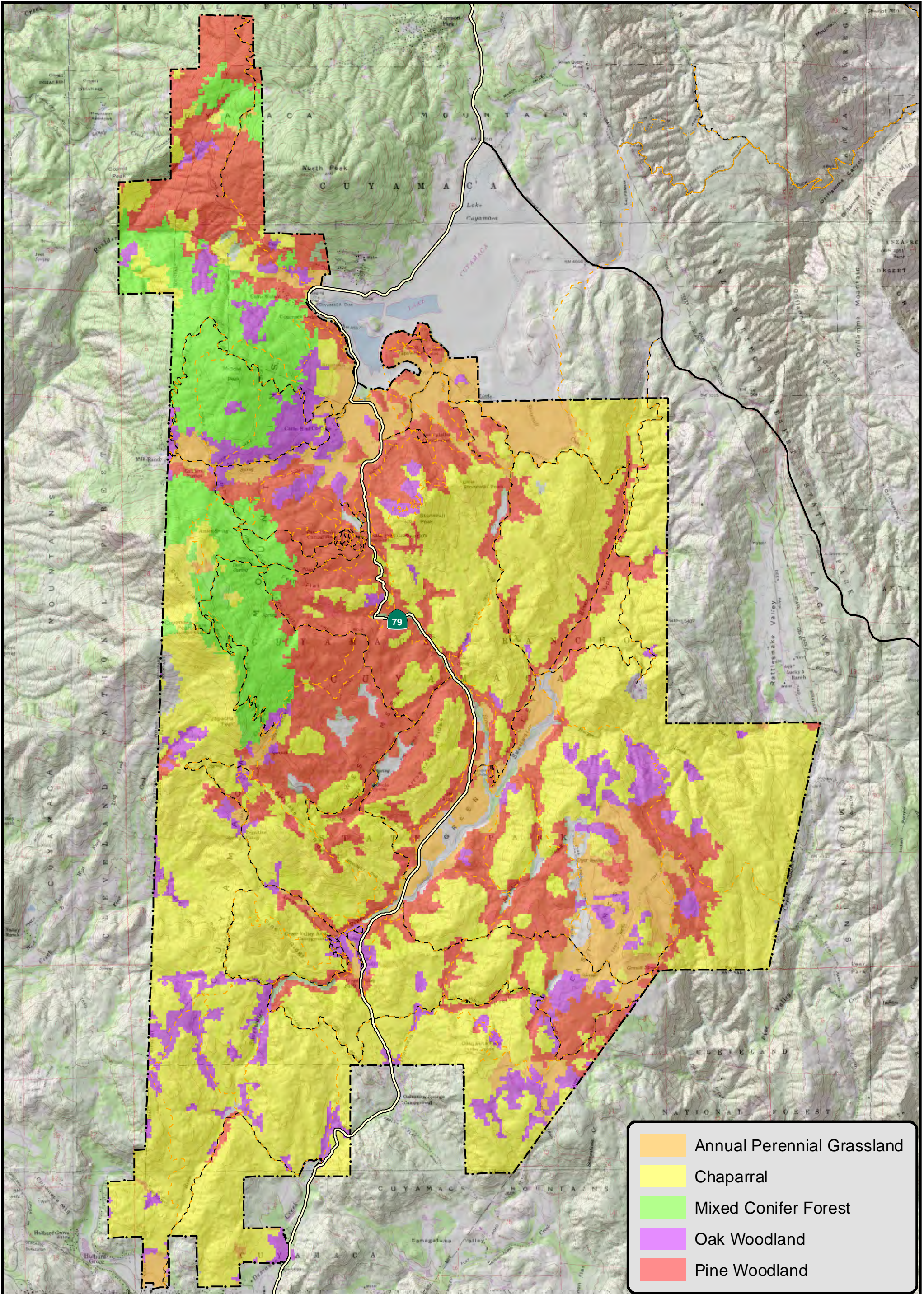
## Cuyamaca Rancho State Park Vegetation Management Plan





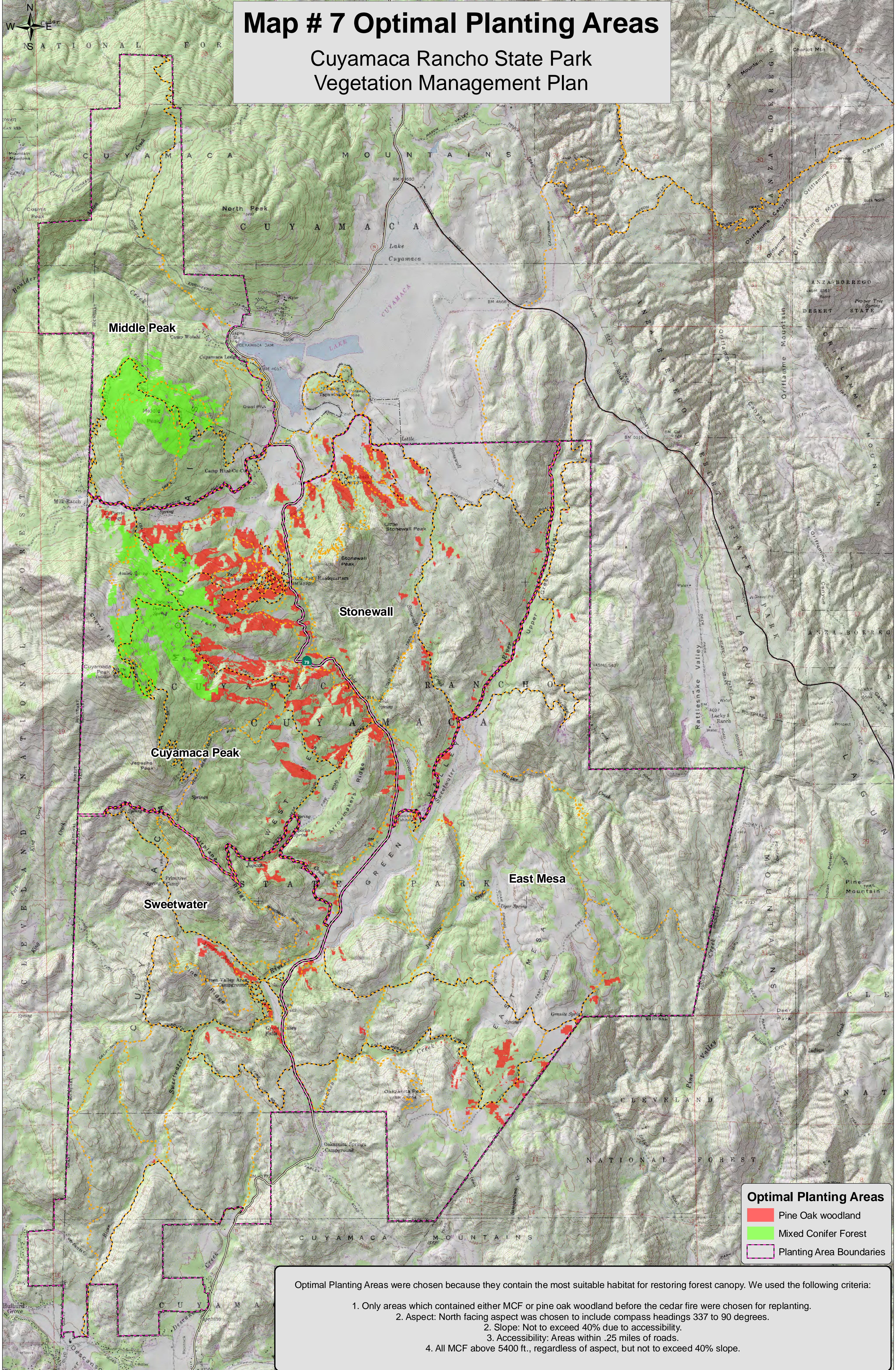
# Map # 6 Vegetation Types

## Cuyamaca Rancho State Park Vegetation Management Plan



# Map # 7 Optimal Planting Areas

## Cuyamaca Rancho State Park Vegetation Management Plan



**Optimal Planting Areas**

- Pine Oak woodland
- Mixed Conifer Forest
- Planting Area Boundaries

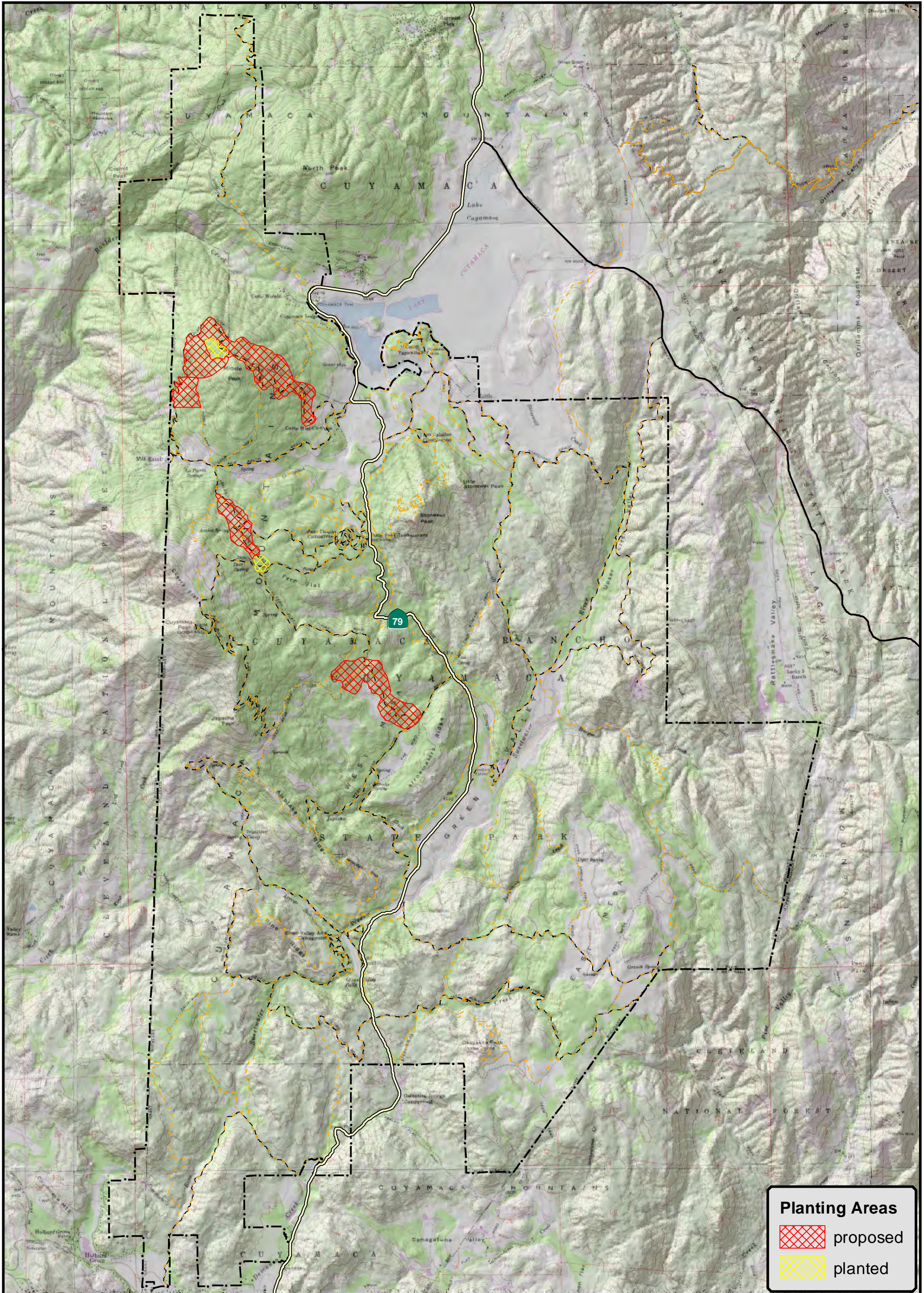
Optimal Planting Areas were chosen because they contain the most suitable habitat for restoring forest canopy. We used the following criteria:

1. Only areas which contained either MCF or pine oak woodland before the cedar fire were chosen for replanting.
2. Aspect: North facing aspect was chosen to include compass headings 337 to 90 degrees.
2. Slope: Not to exceed 40% due to accessibility.
3. Accessibility: Areas within .25 miles of roads.
4. All MCF above 5400 ft., regardless of aspect, but not to exceed 40% slope.




# Map # 8 Forest Recovery: Planting Areas

## Cuyamaca Rancho State Park Vegetation Management Plan



**Planting Areas**

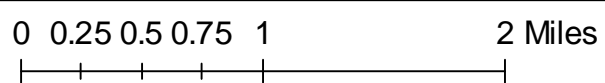
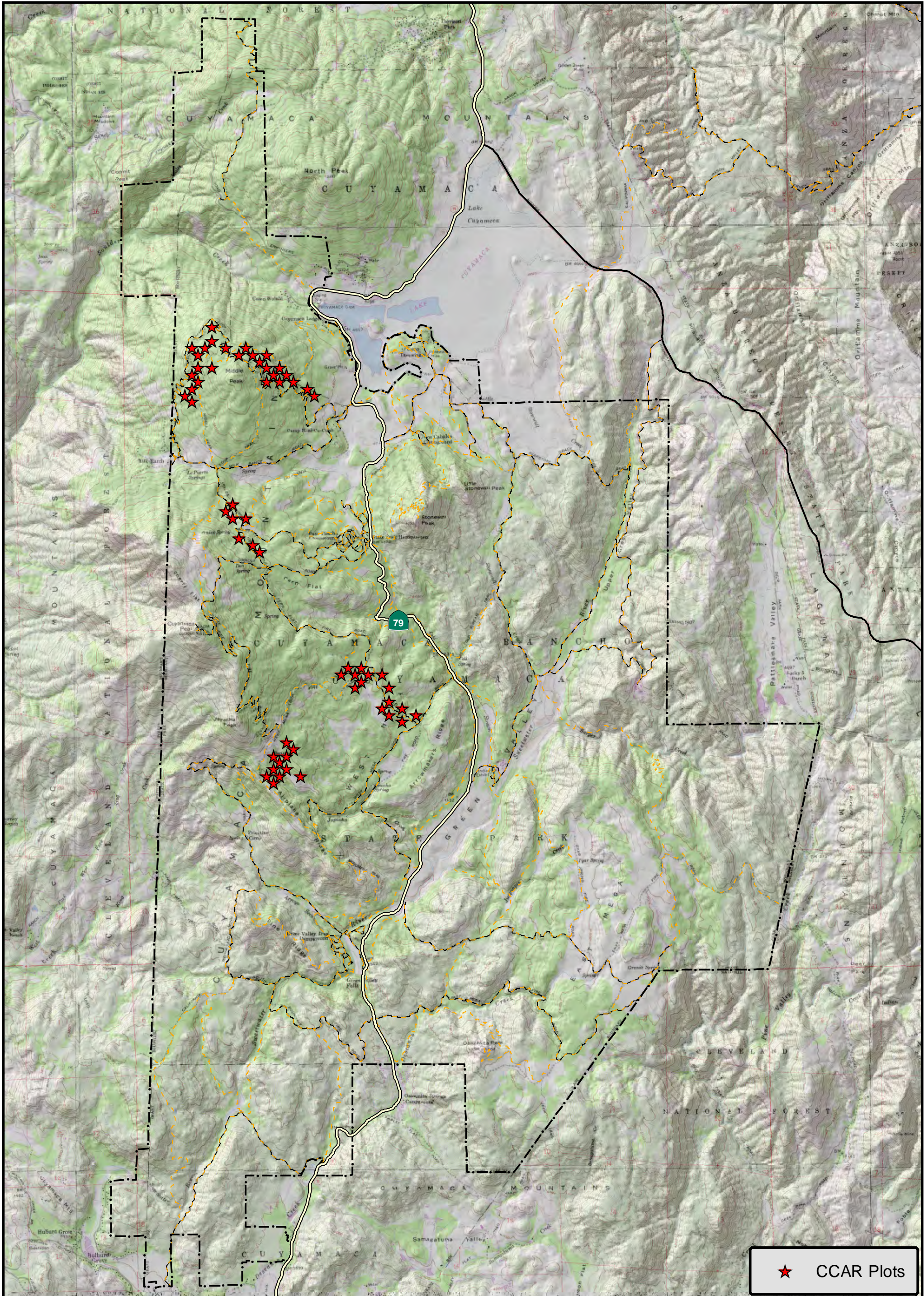
-  proposed
-  planted





# Map # 9 CCAR Monitoring Plots

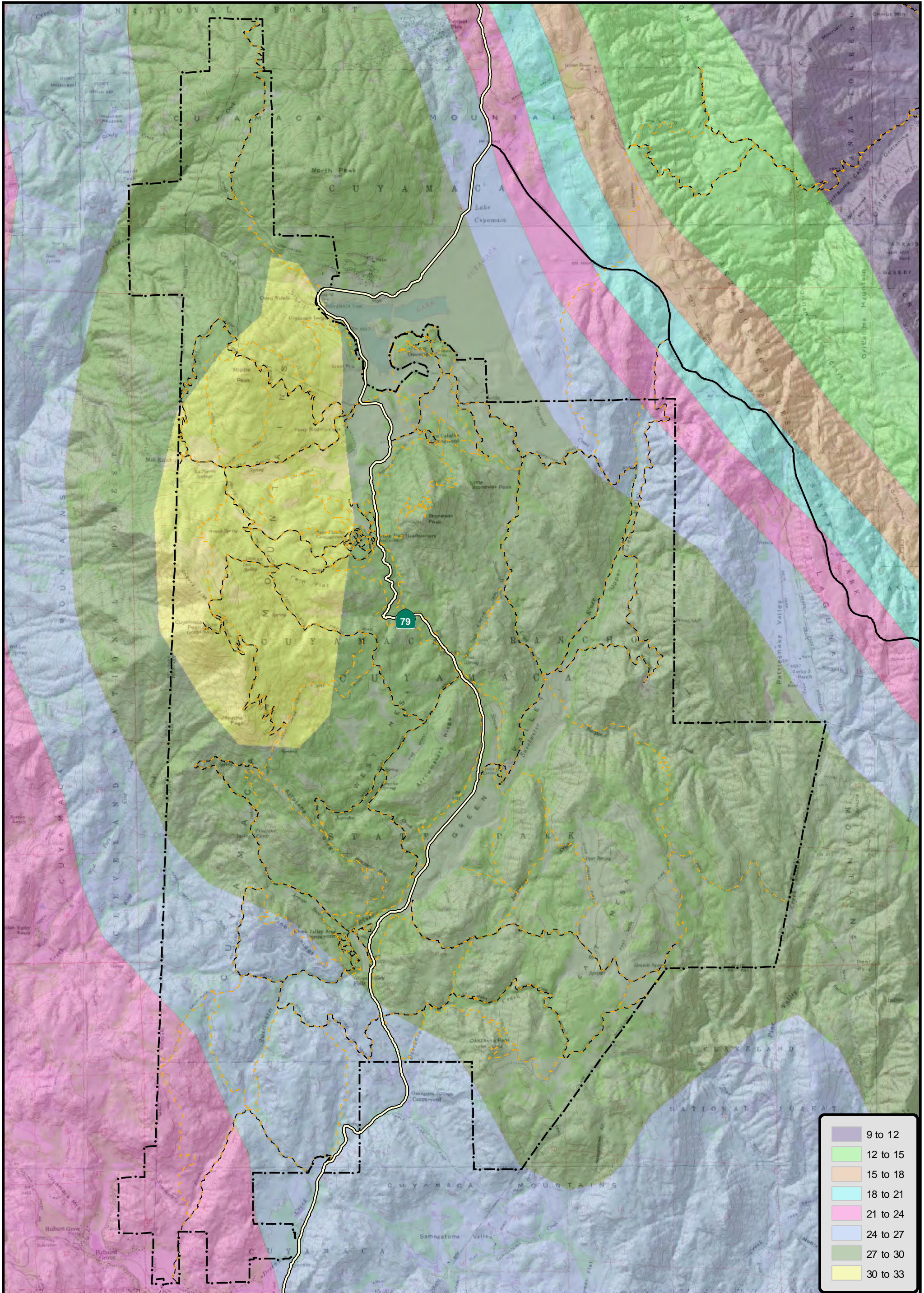
Cuyamaca Rancho State Park  
Vegetation Management Plan





# Map # 10 Average Annual Rainfall

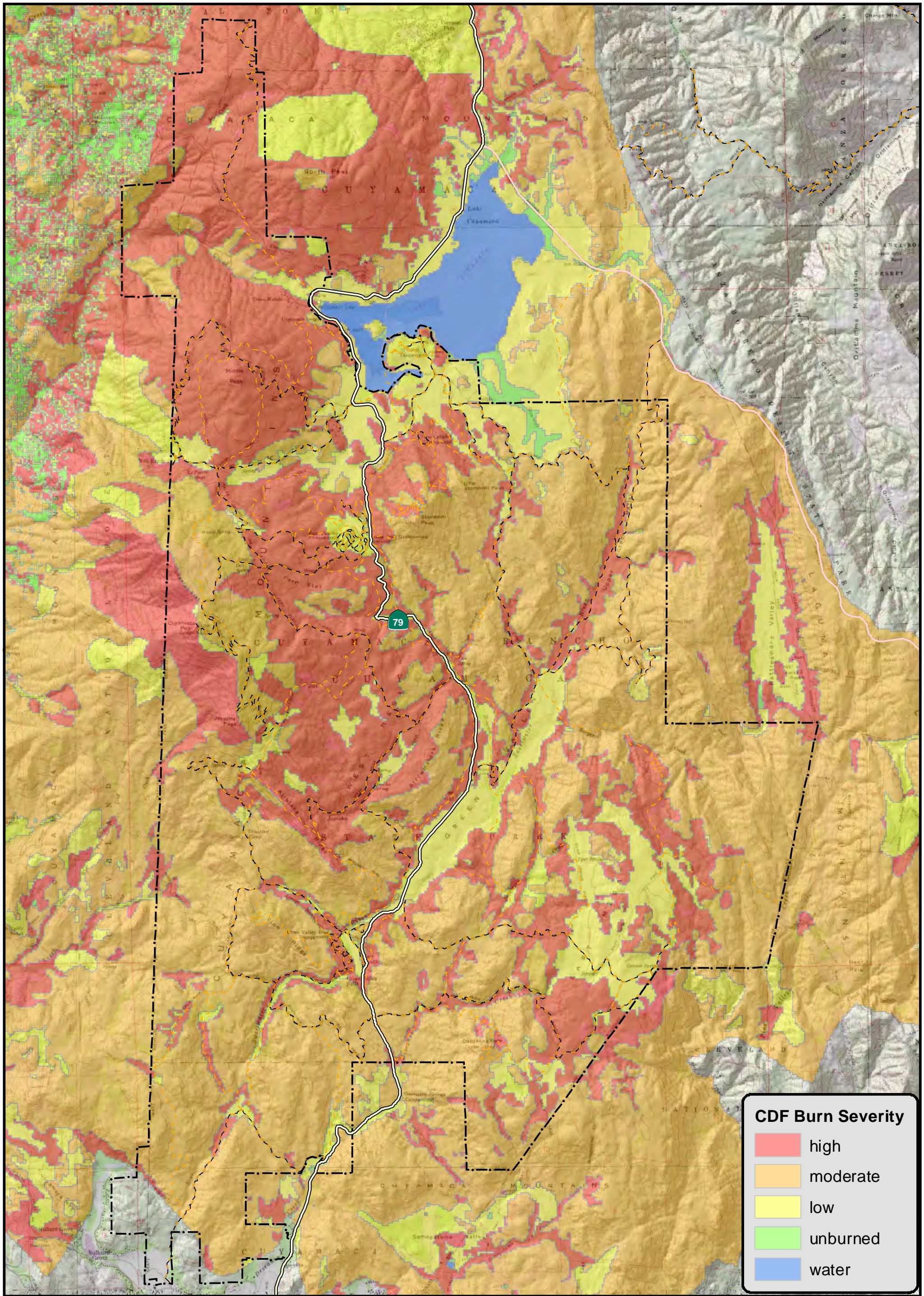
## Cuyamaca Rancho State Park Vegetation Management Plan





# Map # 11 Cedar Fire Burn Severity

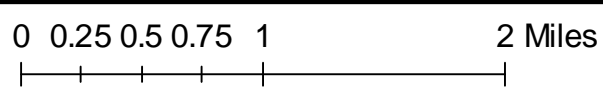
Cuyamaca Rancho State Park  
Vegetation Management Plan



**CDF Burn Severity**

- high
- moderate
- low
- unburned
- water

Data from Cal Fire FRAP

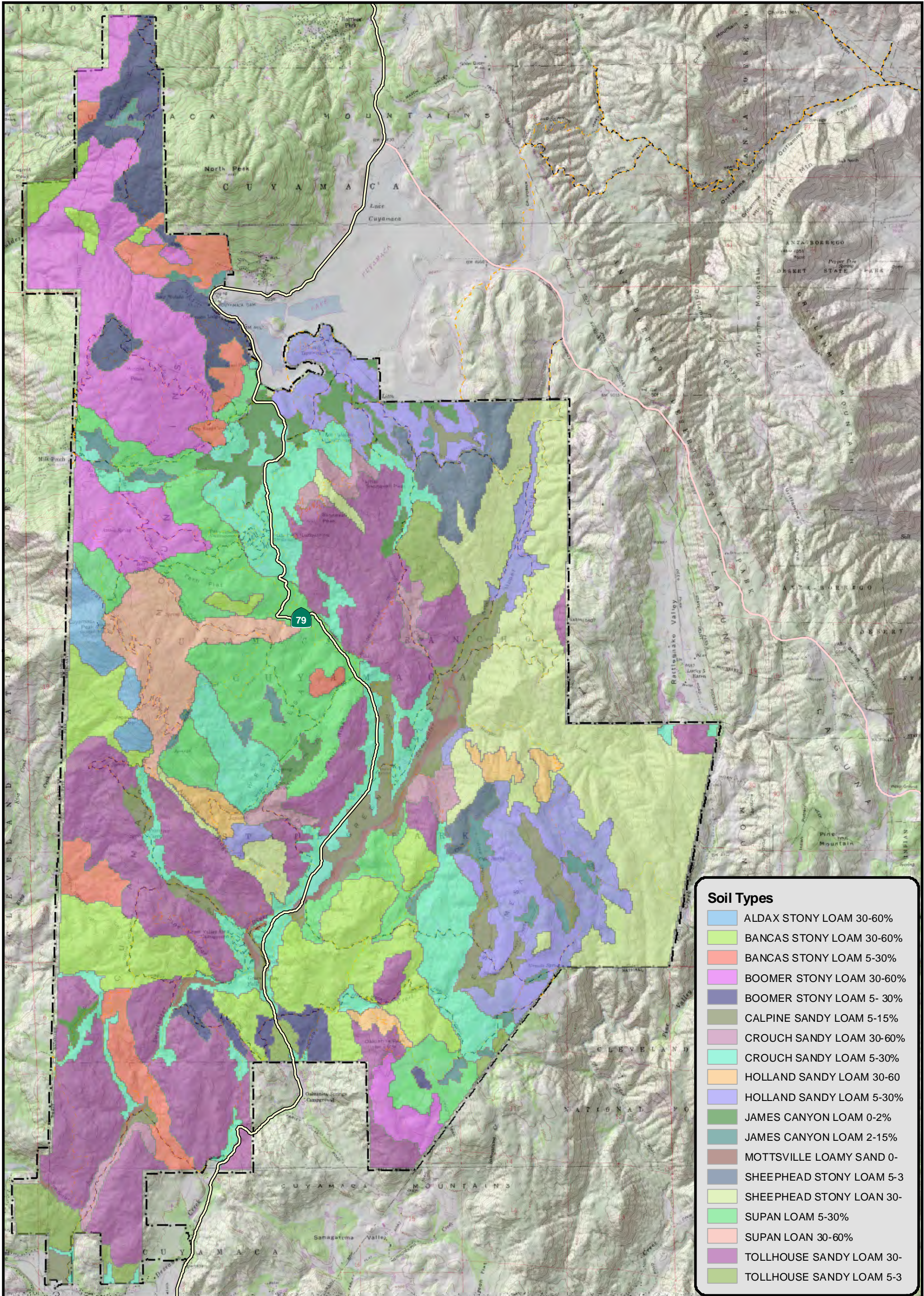


Map By: Don Solleder  
06-2009  
Teale Albers NAD 83 Projection



# Map # 12 Soil Types

## Cuyamaca Rancho State Park Vegetation Management Plan



**Soil Types**

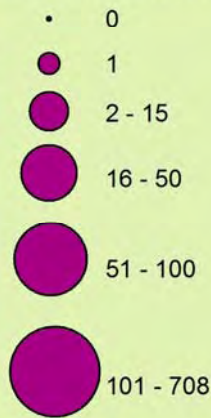
- ALDAX STONY LOAM 30-60%
- BANCAS STONY LOAM 30-60%
- BANCAS STONY LOAM 5-30%
- BOOMER STONY LOAM 30-60%
- BOOMER STONY LOAM 5- 30%
- CALPINE SANDY LOAM 5-15%
- CROUCH SANDY LOAM 30-60%
- CROUCH SANDY LOAM 5-30%
- HOLLAND SANDY LOAM 30-60
- HOLLAND SANDY LOAM 5-30%
- JAMES CANYON LOAM 0-2%
- JAMES CANYON LOAM 2-15%
- MOTTVILLE LOAMY SAND 0-
- SHEEPHEAD STONY LOAM 5-3
- SHEEPHEAD STONY LOAM 30-
- SUPAN LOAM 5-30%
- SUPAN LOAM 30-60%
- TOLLHOUSE SANDY LOAM 30-
- TOLLHOUSE SANDY LOAM 5-3

# 2008 Pine Regeneration Survey Cuyamaca Rancho State Park

## Legend

2008

# of Pine Recruits in Plot



2007

# of Observed Pine Recruits

