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# Bureau of Land Management Bakersfield Field Office Carrizo Plain National Monument






Map 1-2

Physical Features  
and  
Planning Area Boundary

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

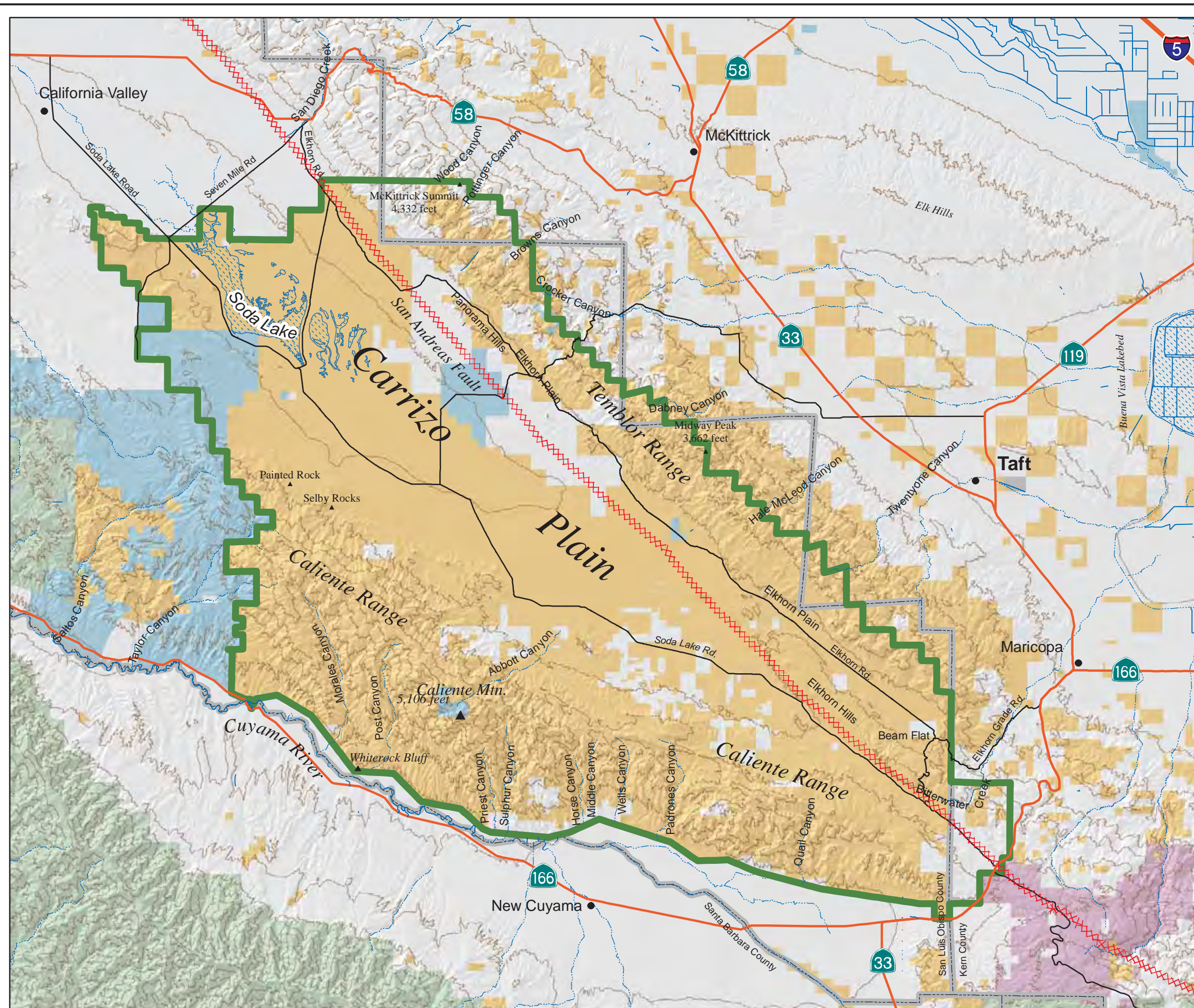
Legend

-  Carrizo Plain National Monument and Planning Area Boundary
-  County Boundary
-  County Maintained Road

Land Ownership

-  Bureau of Land Management
-  Forest Service
-  US Fish and Wildlife Service
-  State Lands
-  County / City / Regional
-  Private/Other










500 foot contour interval

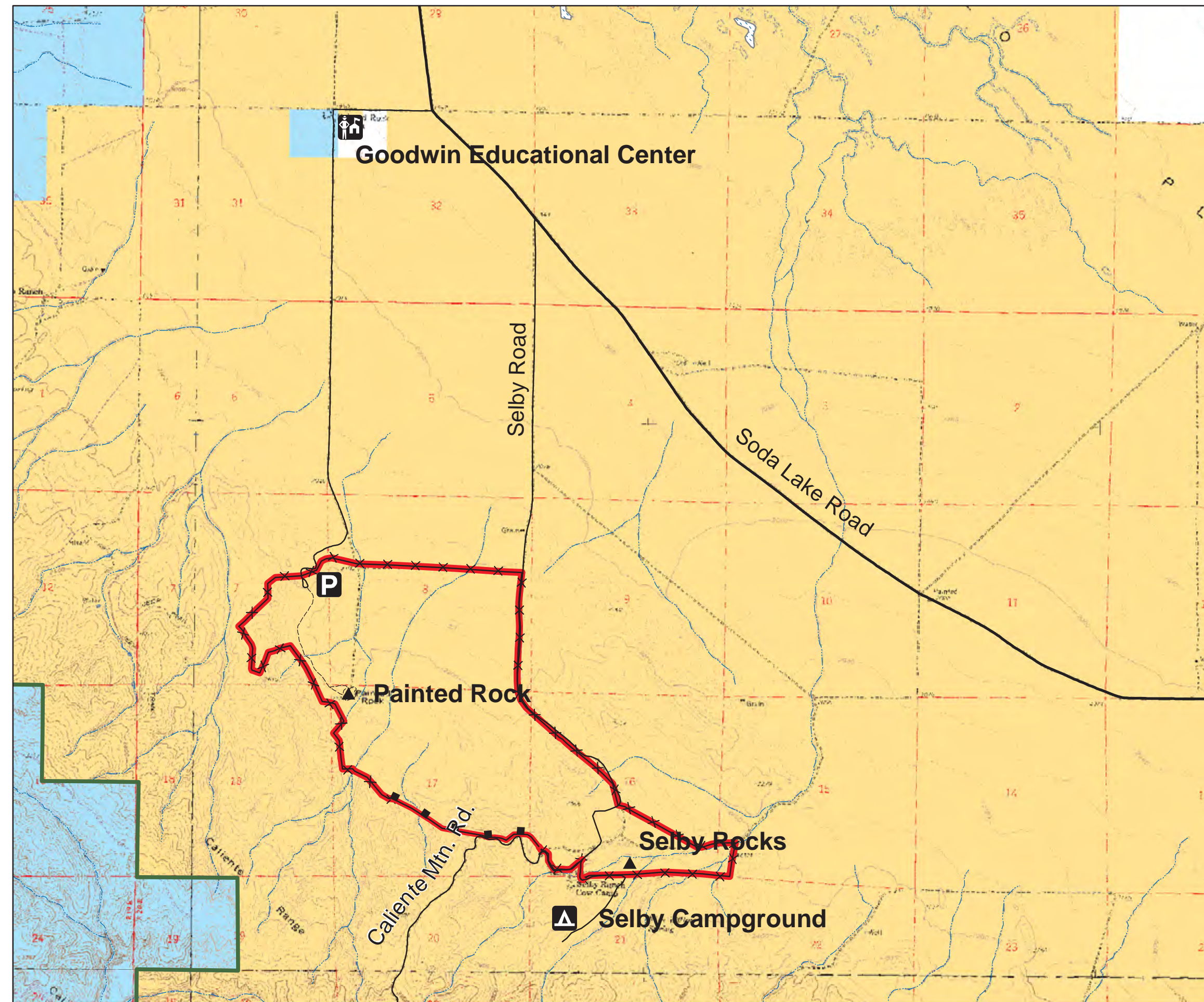


**Map 2-1  
Painted Rock Exclusion Zone**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**












-  Carrizo NM Boundary
- Exclusion Area Perimeter**
-  Presently Fenced
-  Road
-  To be signed
- Land Status**
-  Bureau of Land Management
-  State Lands
-  US Fish and Wildlife Service
-  Forest Service
-  County / City / Regional  
Private/Other






**Map 2-2  
Alternative 1:  
Recreation Management Zones and  
Route Designations**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

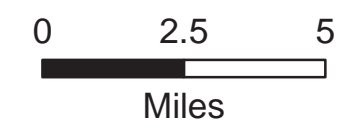
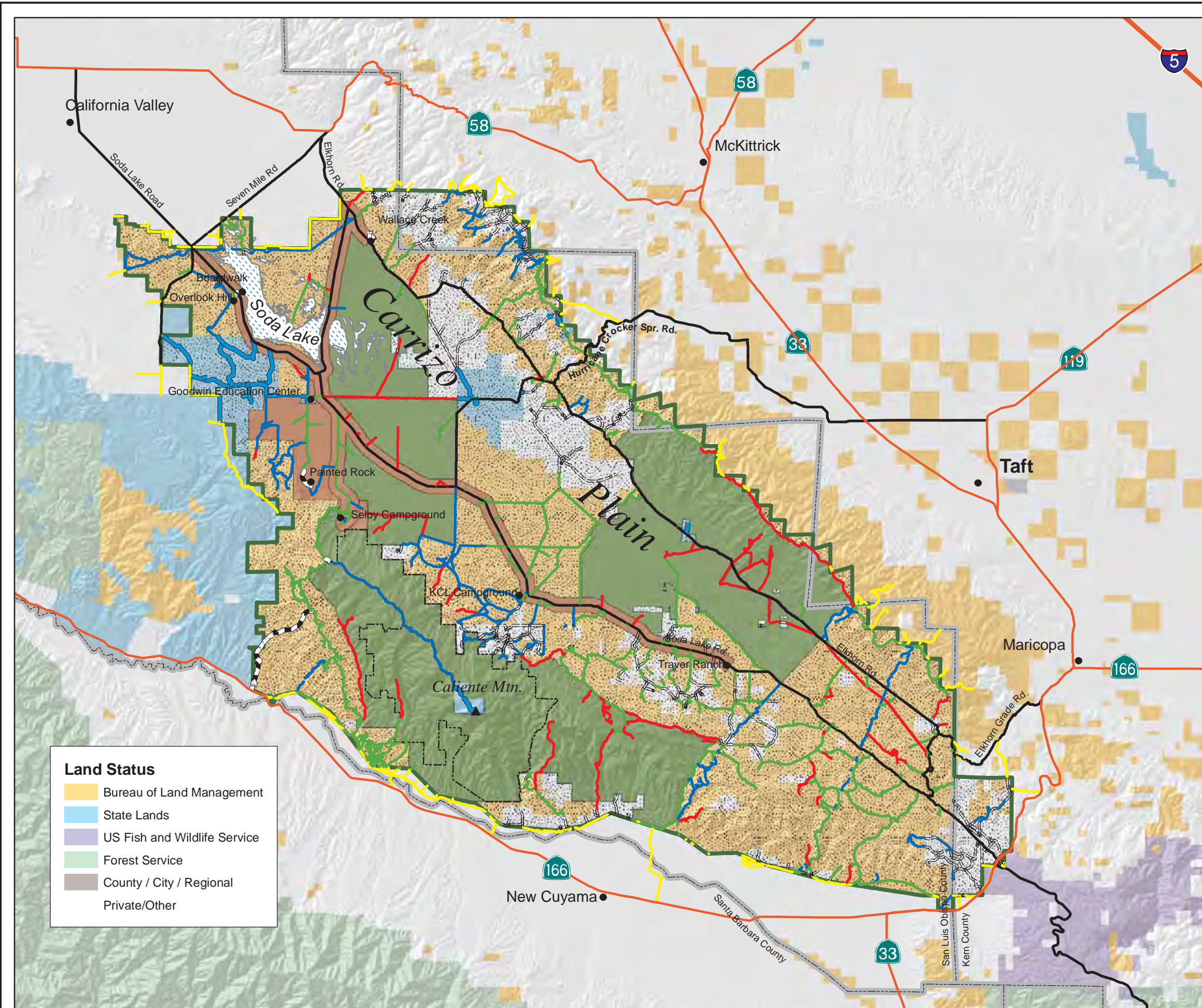
-  State Highways
-  County Roads
-  Open
-  Limited
-  Closed
-  Foot Trails
-  Routes on State Lands
-  Routes on Private Lands
-  Routes outside CPNM
-  CPNM Boundary
-  Caliente Mtn. WSA

**Recreation Management Zones**

-  Front Country
-  Primitive
-  Back Country

**Land Status**












-  Bureau of Land Management
-  State Lands
-  US Fish and Wildlife Service
-  Forest Service
-  County / City / Regional
-  Private/Other






**Map 2-3  
Alternative 2:  
Recreation Management Zones and  
Route Designations**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

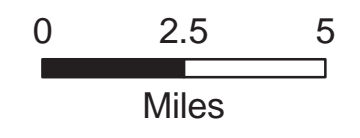
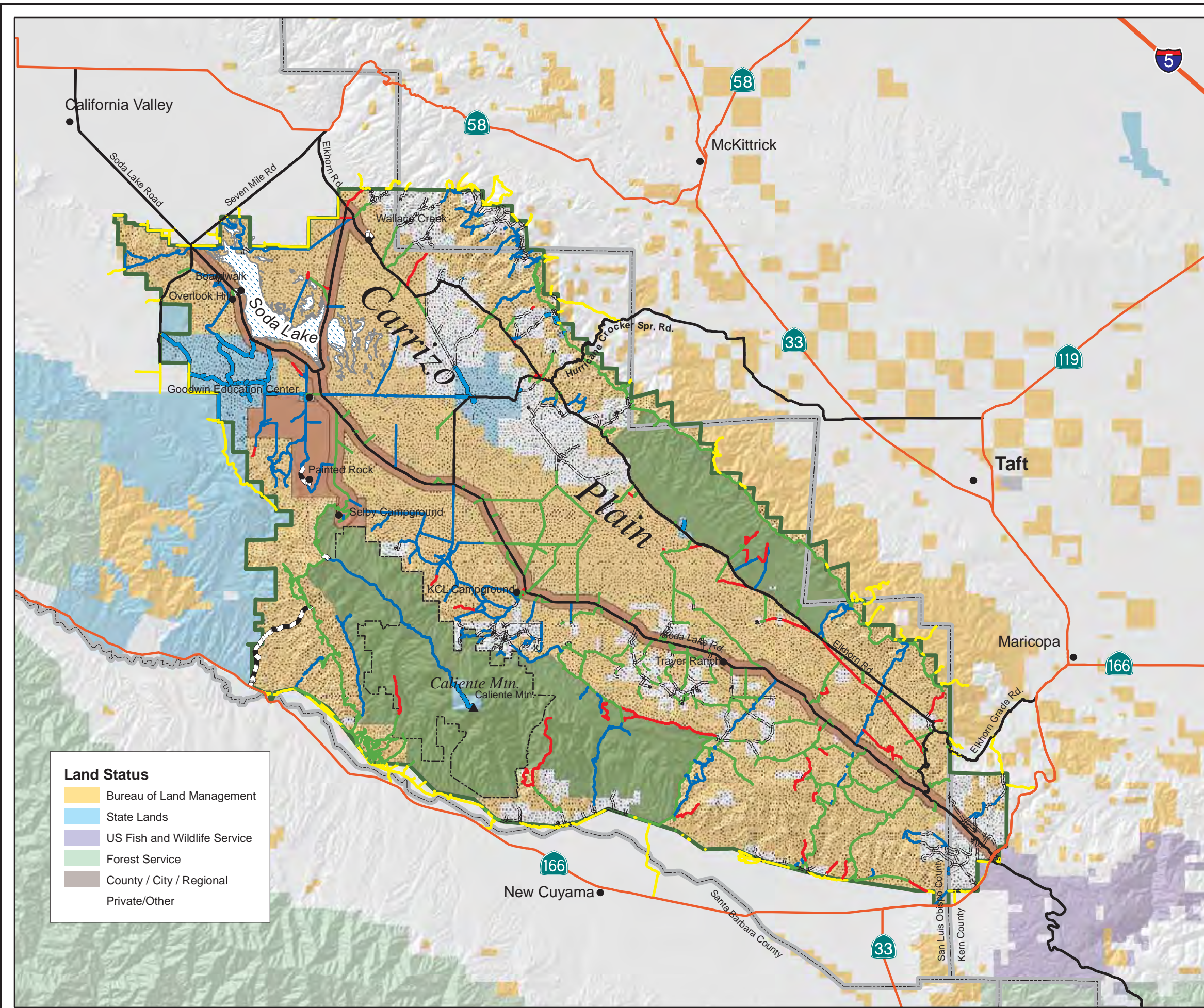
-  State Highways
-  County Roads
-  Open
-  Limited
-  Closed
-  Foot Trails
-  Routes on State Lands
-  Routes on Private Lands
-  Routes outside CPNM
-  CPNM Boundary
-  Caliente Mtn. WSA

**Recreation Management Zones**

-  Front Country
-  Primitive
-  Back Country

**Land Status**

-  Bureau of Land Management
-  State Lands
-  US Fish and Wildlife Service
-  Forest Service
-  County / City / Regional
-  Private/Other



Map 2-4

Alternative 3:  
Recreation Management Zones and  
Route Designations

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

Legend

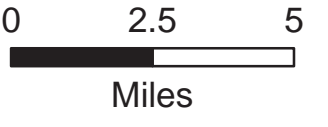
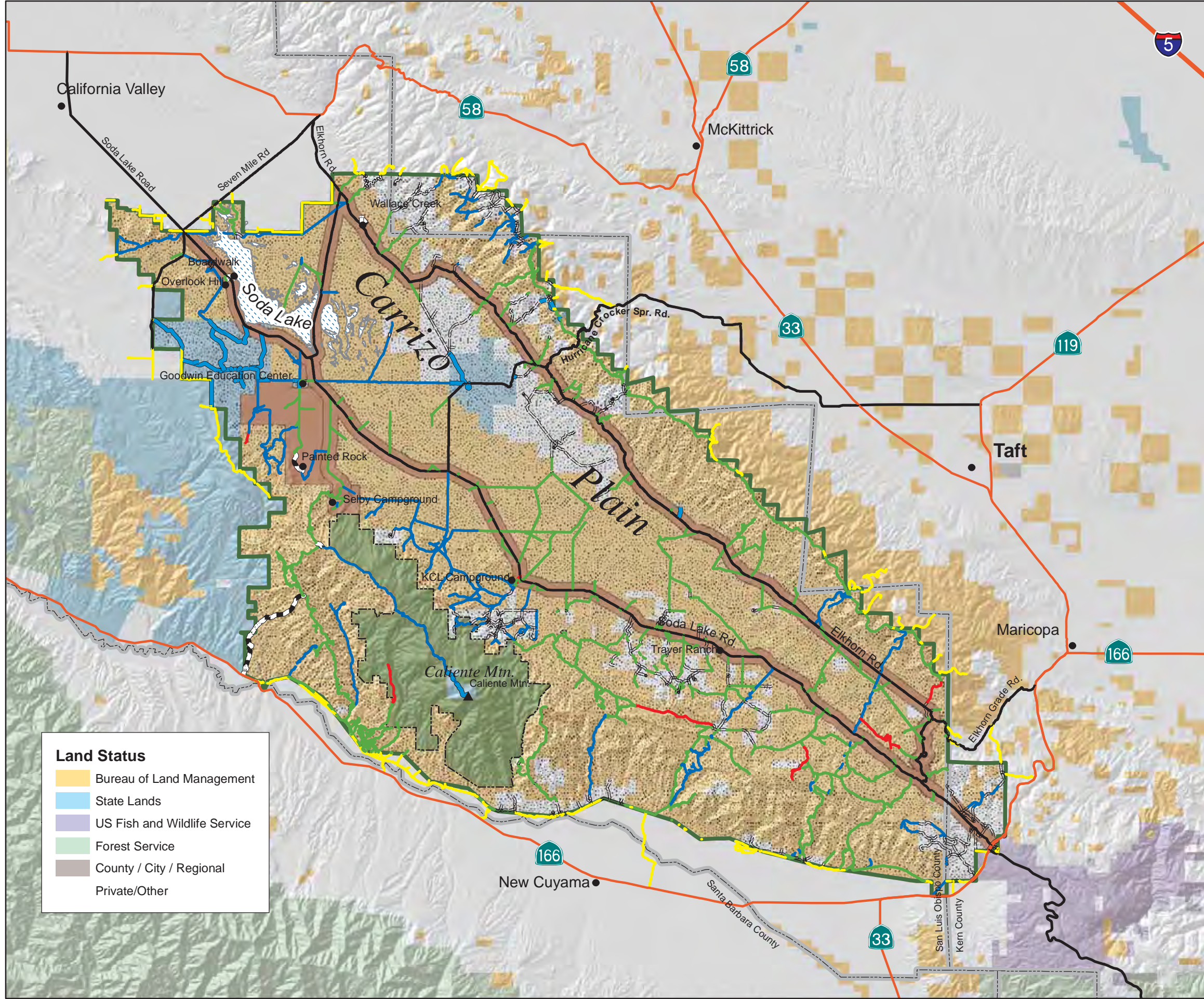
- State Highways
- County Roads
- Open
- Limited
- Closed
- Foot Trails
- Routes on State Lands
- Routes on Private Lands
- Routes outside CPNM
- CPNM Boundary
- Caliente Mtn. WSA

Recreation Management Zones

- Front Country
- Primitive
- Back Country

Land Status

- Bureau of Land Management
- State Lands
- US Fish and Wildlife Service
- Forest Service
- County / City / Regional
- Private/Other



Map 2-5

**Lands Having Wilderness Characteristics**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan


**Legend**

 CPNM Boundary

**Lands Having Wilderness Characteristics**

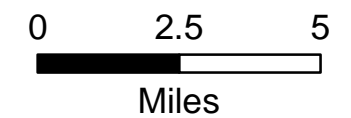
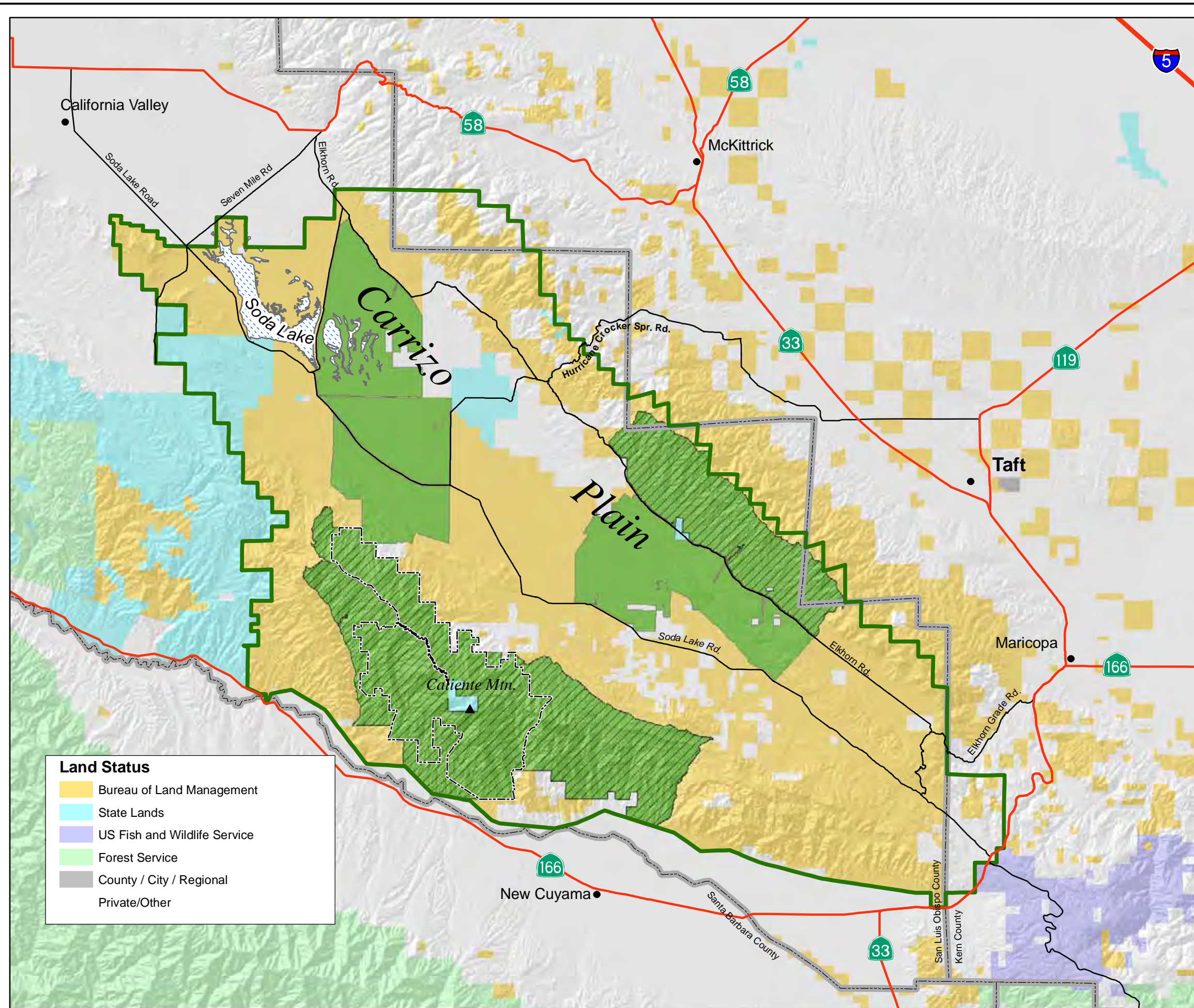
 Alternative 1

 Alternative 2

 Alternative 3: Caliente Mtn. WSA

**Land Status**

-  Bureau of Land Management
-  State Lands
-  US Fish and Wildlife Service
-  Forest Service
-  County / City / Regional
-  Private/Other













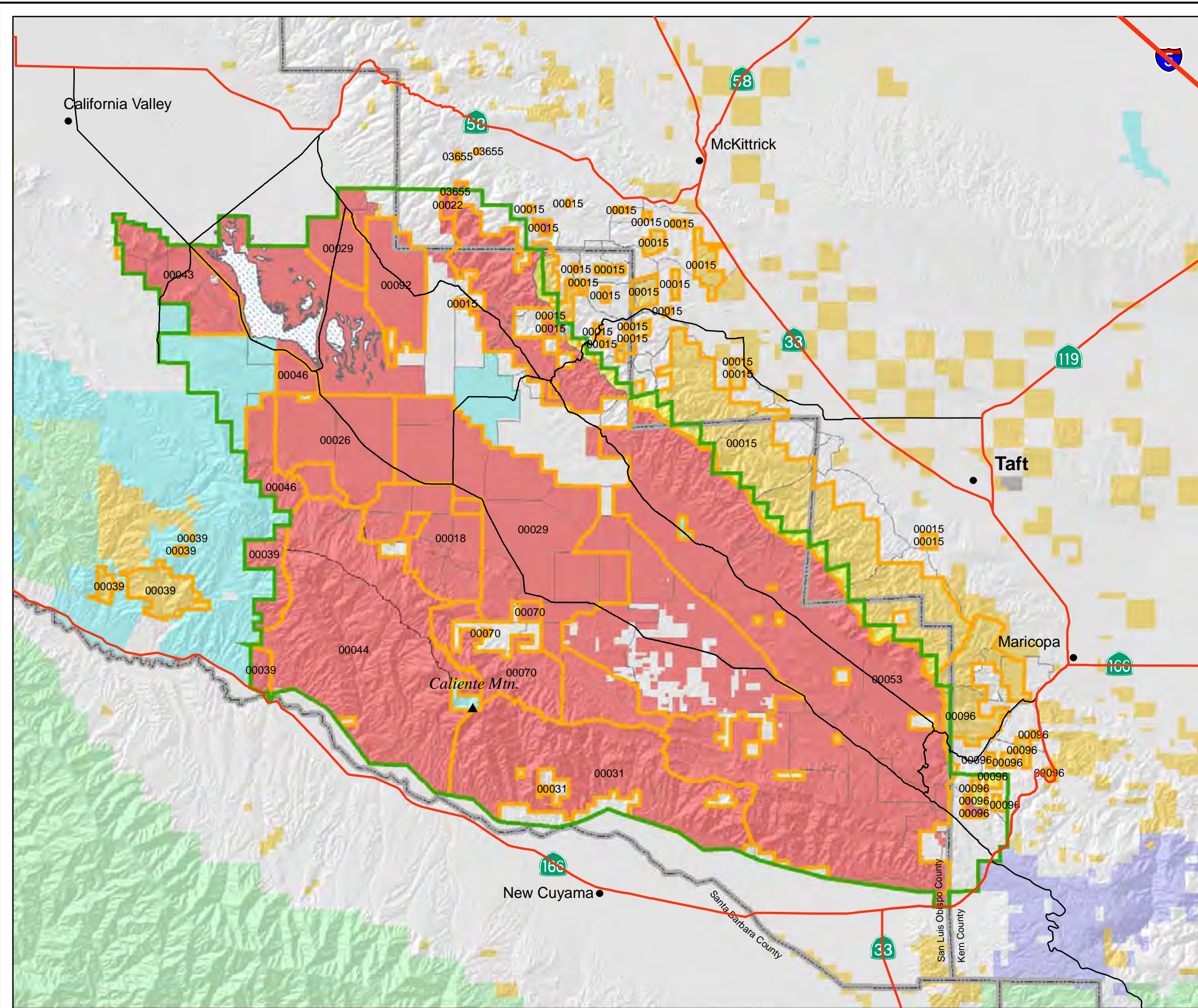
Map 2-6

Alternative 1: Livestock Grazing

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

Legend

-  Carrizo Boundary
  -  BKFO Grazing Allotments
  -  Pastures
  -  Available
  -  Unavailable
- Land Status**
-  Bureau of Land Management
  -  Forest Service
  -  US Fish and Wildlife Service
  -  State Lands
  -  County / City / Regional  
Private/Other














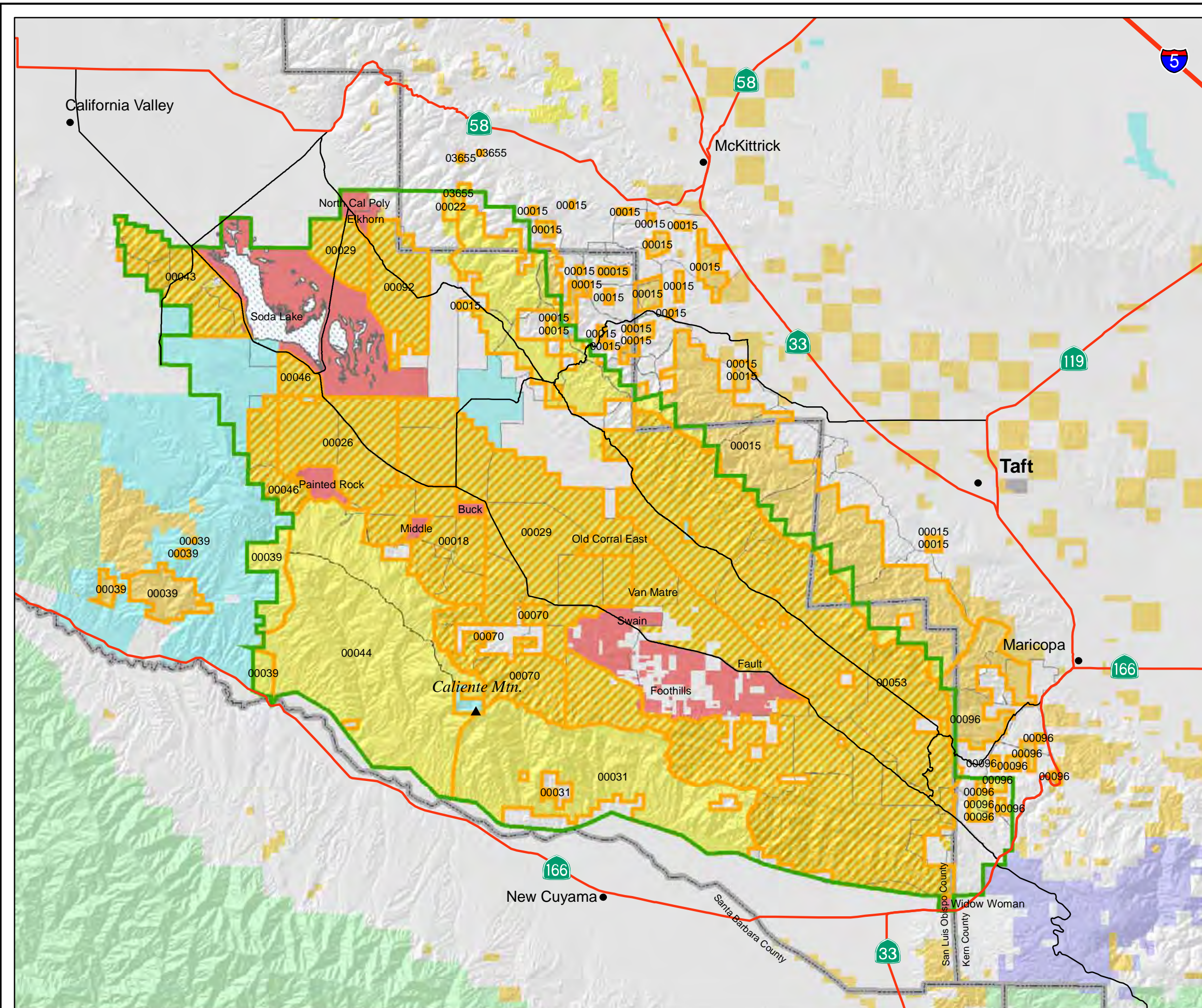
Map 2-7

Alternatives 2 and 3:  
Livestock Grazing

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

Legend

-  Carrizo Boundary
  -  BKFO Grazing Allotments
  -  Pastures
  -  Unavailable
  -  Available, Only Veg. Mgmt.
  -  Available
- Land Status**
-  Bureau of Land Management
  -  Forest Service
  -  US Fish and Wildlife Service
  -  State Lands
  -  County / City / Regional
  -  Private/Other














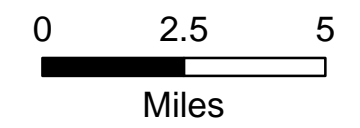
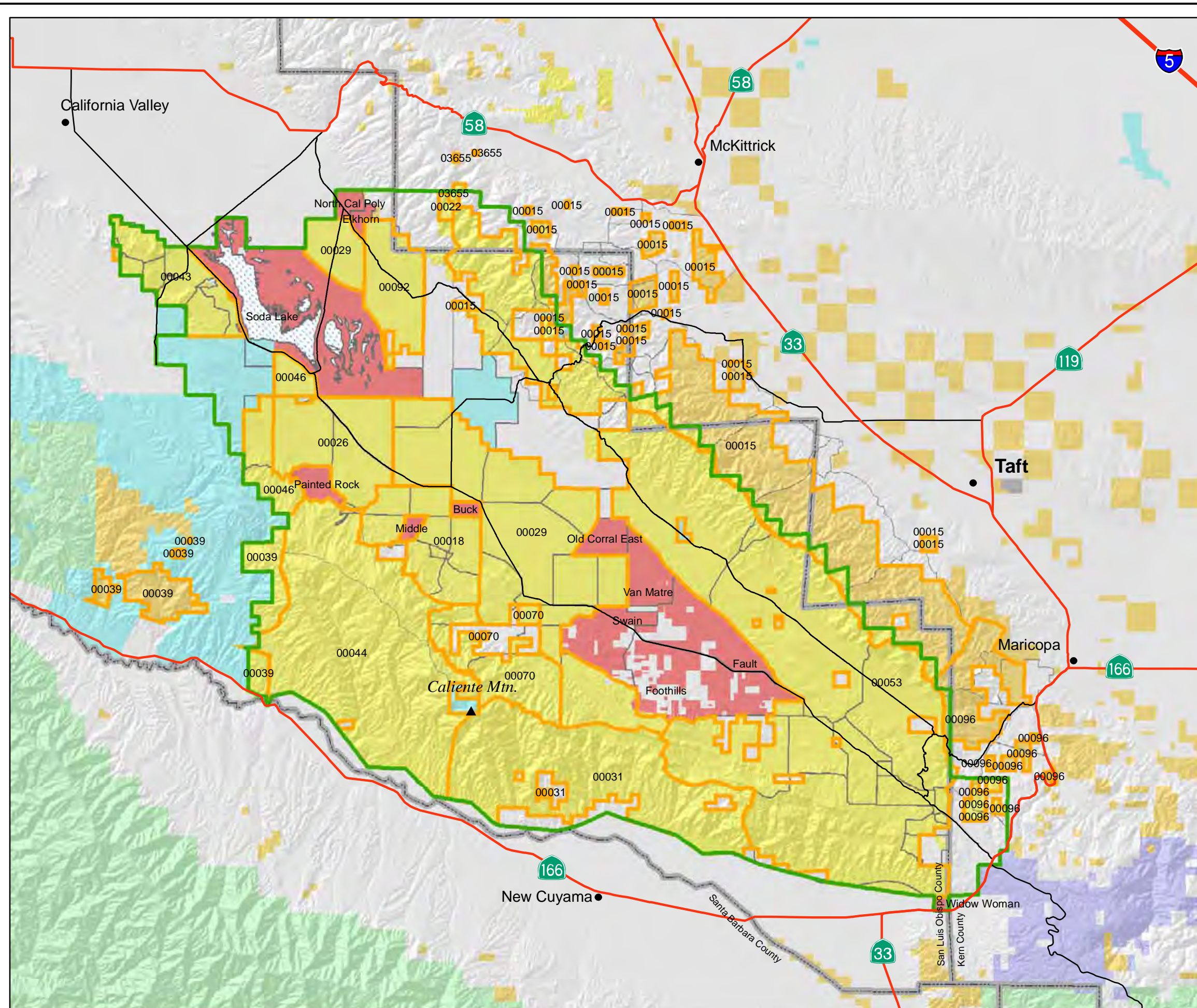
Map 2-8

**No Action Alternative:  
Livestock Grazing**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

-  CPNM Boundary
-  BKFO Grazing Allotments
-  Pastures
-  Unavailable
-  Available
- Land Status**
-  Bureau of Land Management
-  Forest Service
-  US Fish and Wildlife Service
-  State Lands
-  County / City / Regional
-  Private/Other





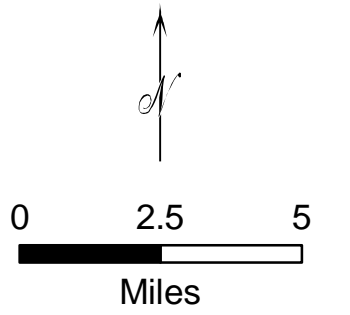
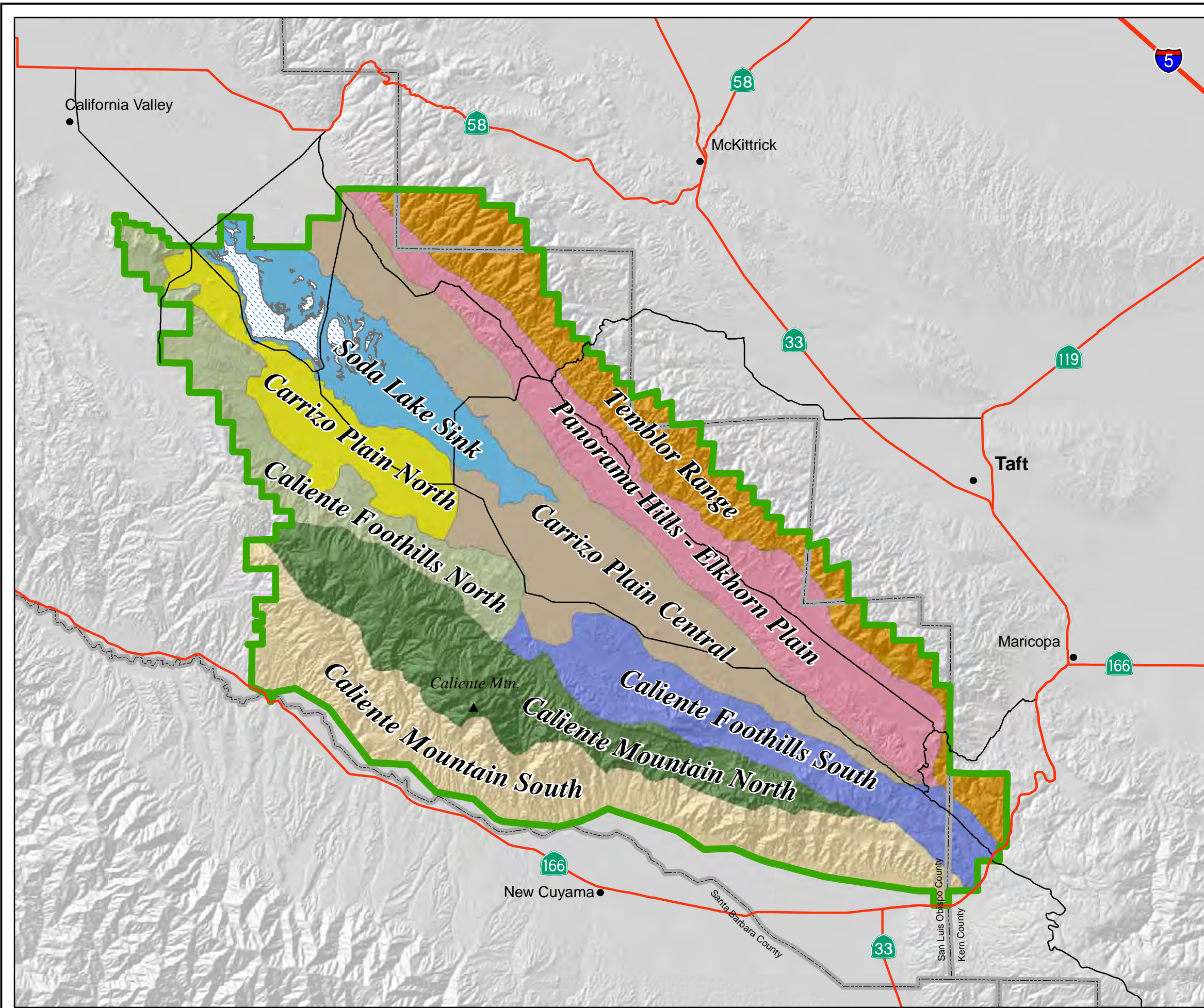
Map 3-1

**Carrizo Plain Subregions**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

-  County Maintained Road
-  Carrizo Plain National Monument





Map 3-2

**Special Status Animals**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan



**Legend**

-  County Maintained Road
-  Carrizo Plain National Monument

**Potential Habitat and Species Locations**

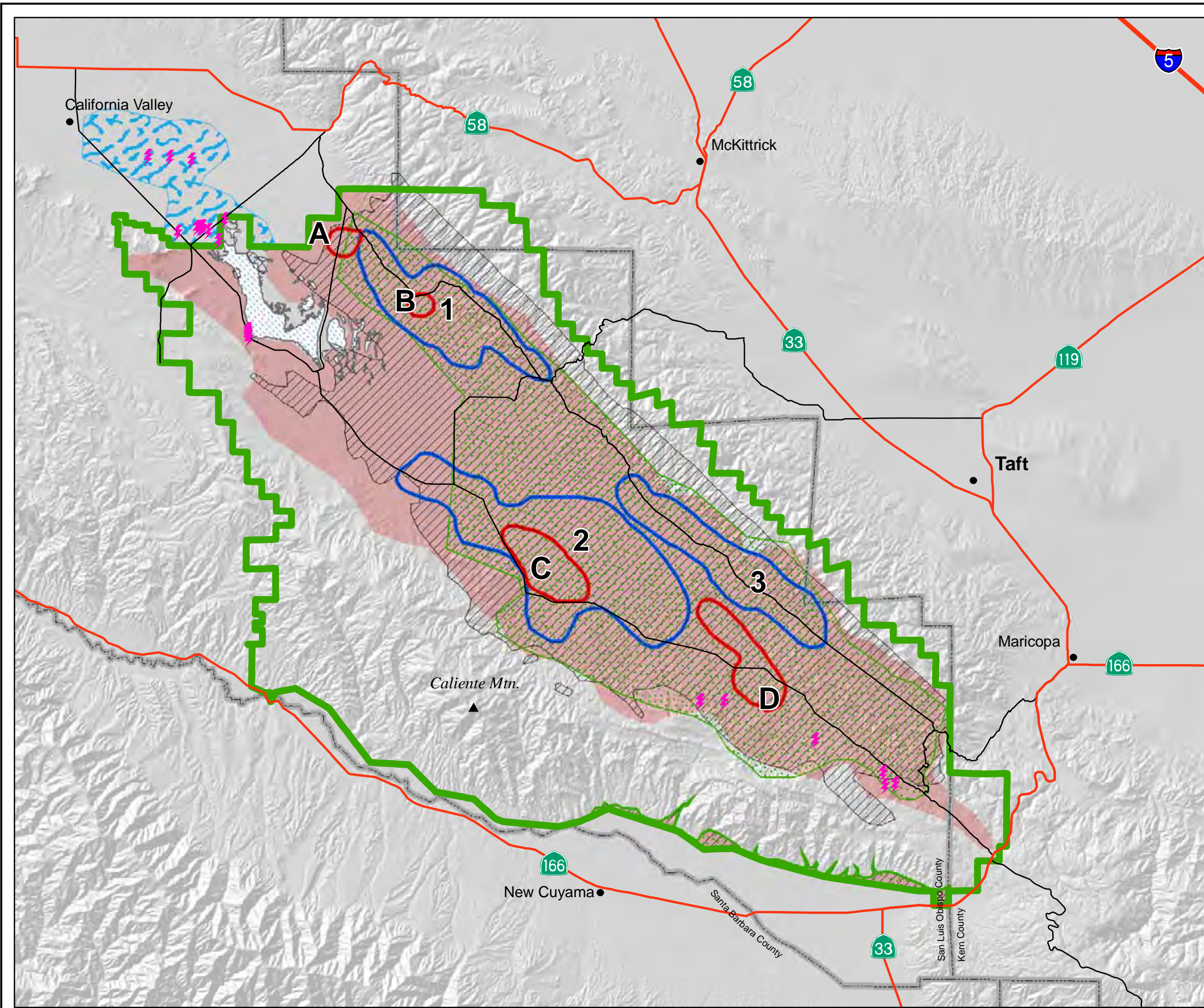
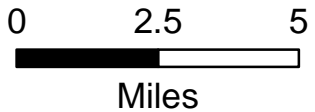
-  Blunt-nosed Leopard Lizard
-  Giant Kangaroo Rat & San Joaquin Antelope Squirrel
-  San Joaquin Kit Fox
-  Designated Critical Habitat for Longhorn and Vernal Pool Fairy Shrimp
-  Longhorn Fairy Shrimp Locations (*Branchinecta longiantenna*)

**Core Areas for Species Status Species**

-  Core Area Boundary BNLL, GKR, SJKF, SJAS
-  Core Area Boundary MOPL

**Key to Species**










- BNLL - Blunt-nosed Leopard Lizard
- GKR - Giant Kangaroo Rat
- MOPL - Mountain Plover
- SJAS - San Joaquin Antelope Squirrel
- SJKF - San Joaquin Kit Fox

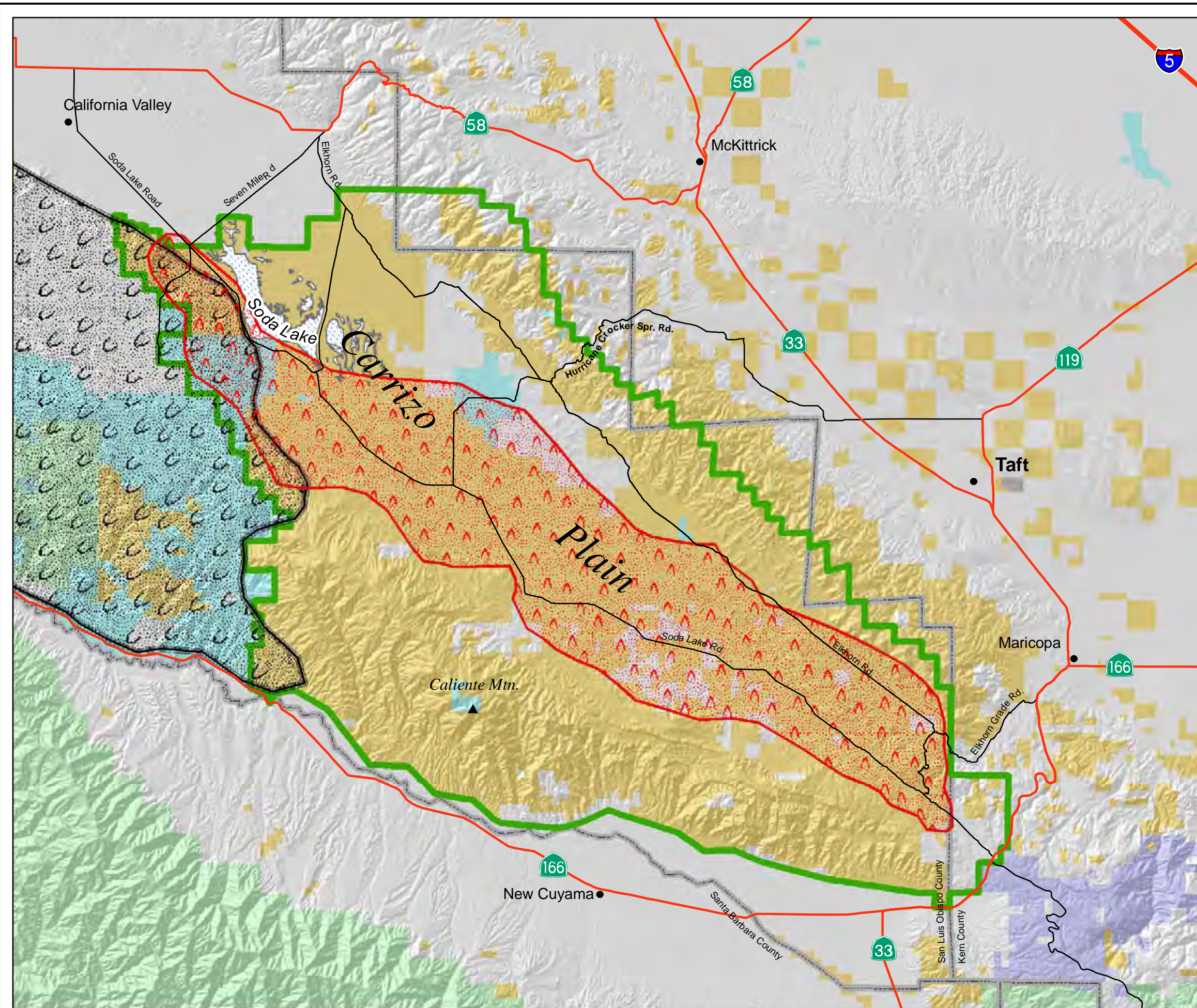


Map 3-3

**Pronghorn and Elk Habitat**  
Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

-  County Maintained Road
-  Carrizo Plain National Monument
-  Pronghorn Habitat
-  Elk Habitat
-  Bureau of Land Management
-  Forest Service
-  US Fish and Wildlife Service
-  State Lands
-  County / City / Regional  
Private/Other



0 2.5 5
















Miles

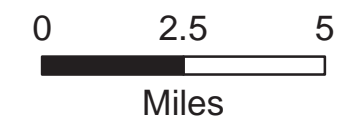
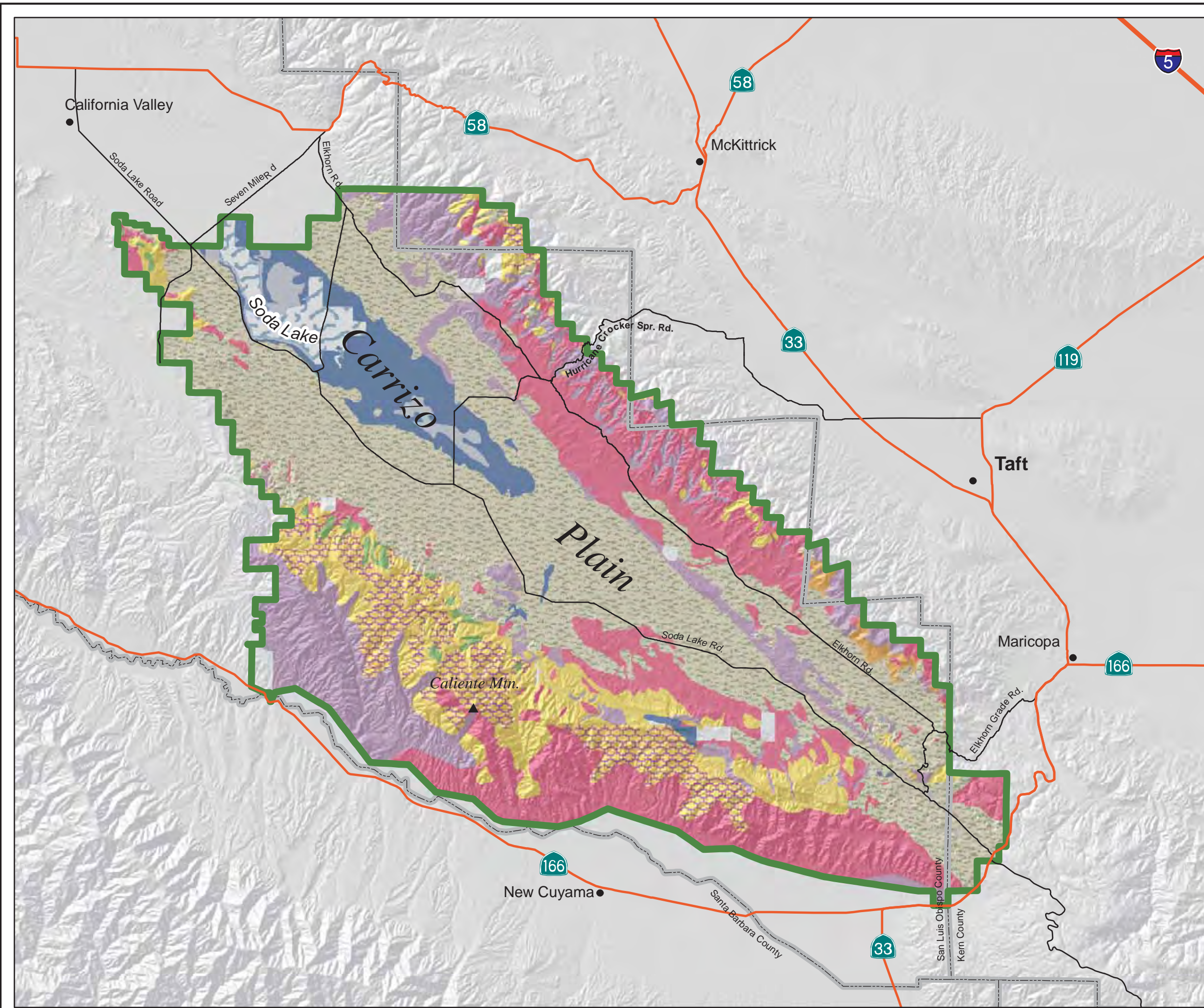
Map 3-4

**Vegetation Types**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

-  County Maintained Road
-  Carrizo Plain National Monument
  
-  Soda Lake
-  Non-native grassland
-  Recently cultivated non-native grassland
  
- Scrub Communities
-  Valley Sink Scrub
-  Spiny saltbush scrub
-  Interior Coast Range Saltbush Scrub
-  Valley Saltbush Scrub
-  Diablan sage scrub
-  Upper Sonoran subshrub scrub
  
- Woodlands
-  Juniper-oak cismontane woodland
-  Cismontane juniper woodland and scrub





Map 3-5



**Special Status Plants**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan


**Legend**

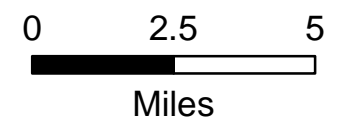
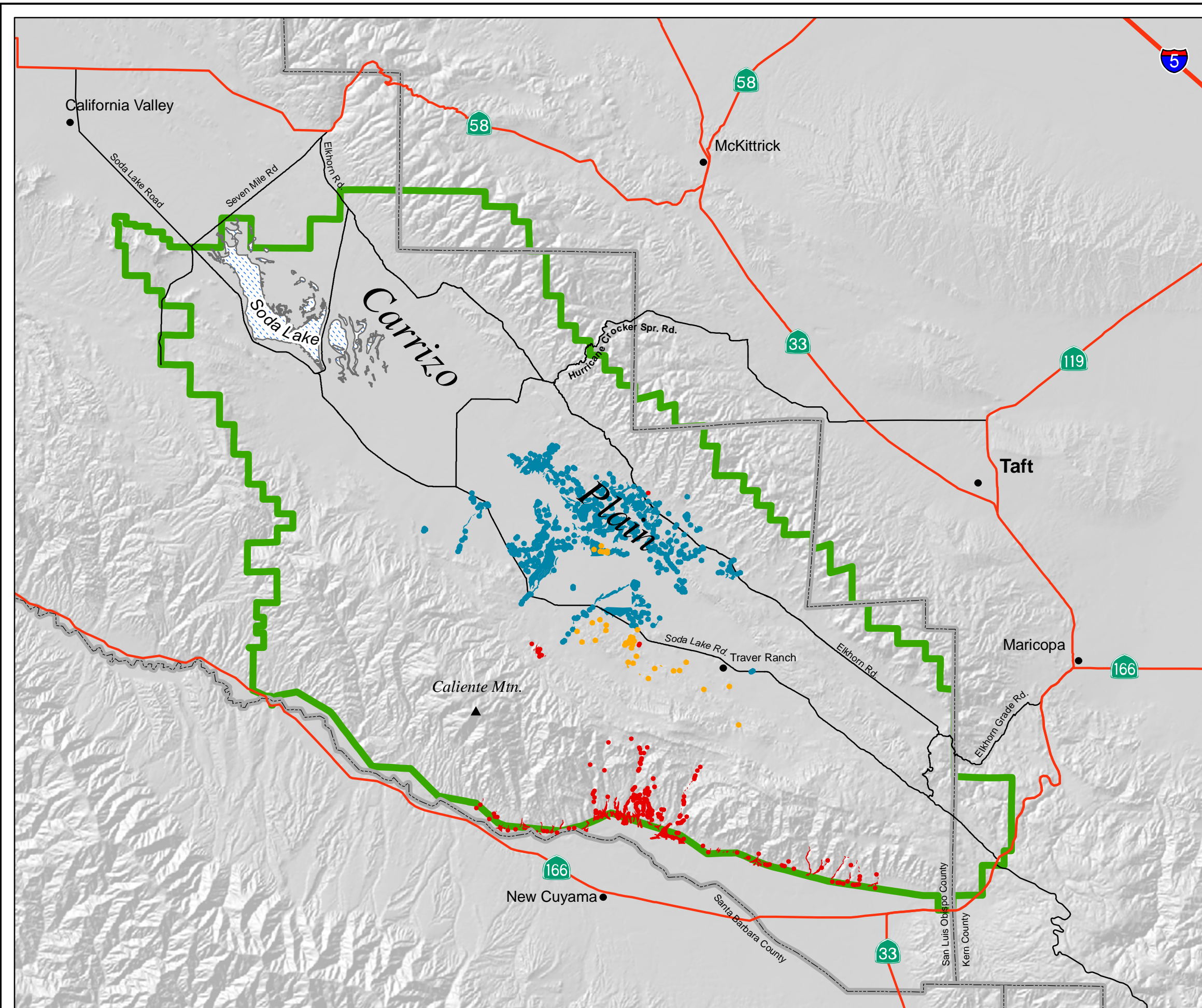
-  County Maintained Road
-  Carrizo Plain National Monument

**Federally Endangered**

-  California Jewflower  
(*Caulanthus californicus*)
-  San Joaquin Woolly Threads  
(*Monolopia (Lemberti) congdonii*)

**Recovered**

-  Hoover's Woolly-star  
(*Eriastrum hooveri*)



Map 3-6

### Fire History and Prescribed Burns

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

#### Legend

- County Maintained Road
- Carrizo Plain National Monument

#### Fires by Time Period

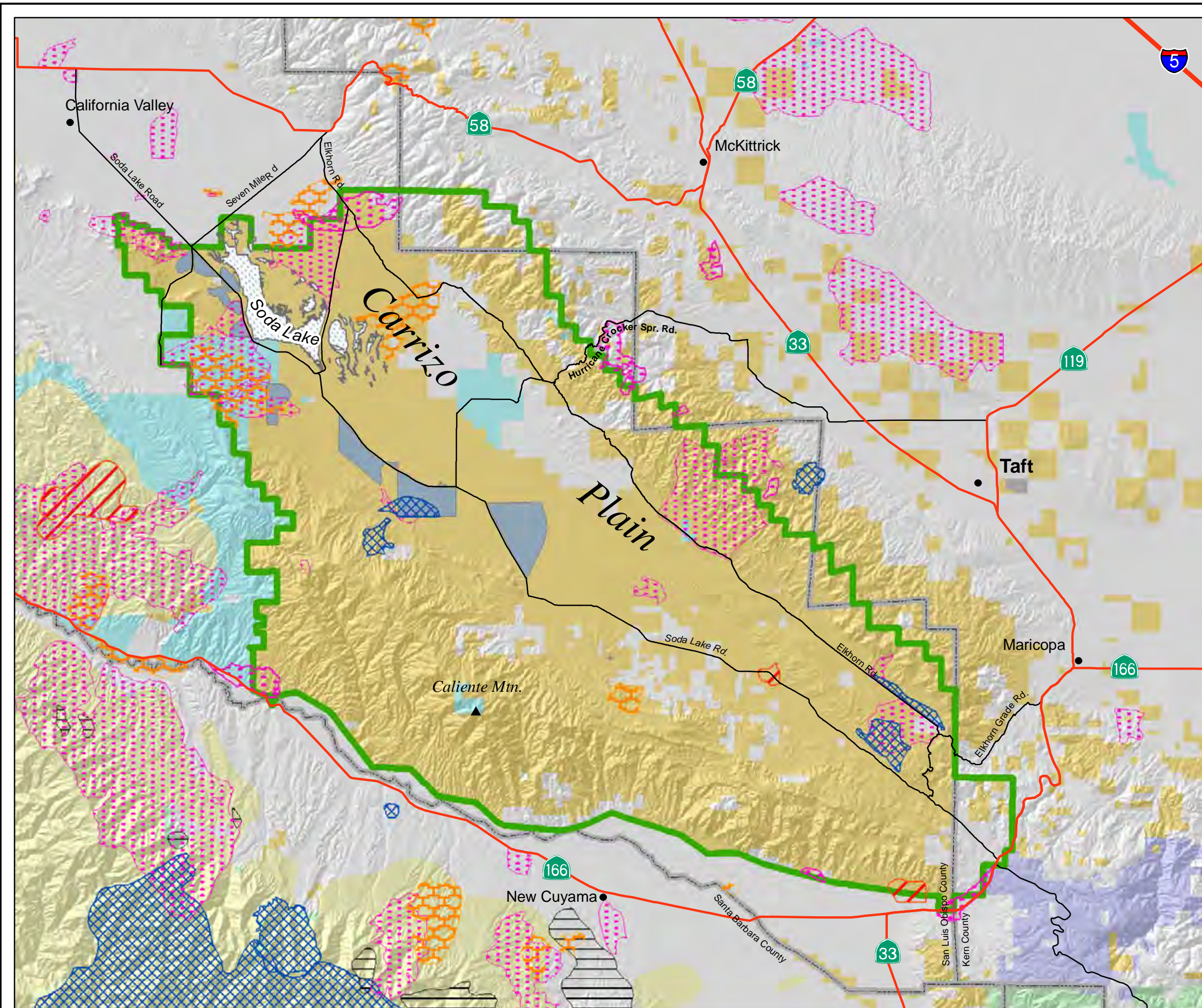
##### YEAR

- 1990-2000
- 1975-1990
- 1960-1975
- 1945-1960
- 1930-1945
- 1915-1930

- Prescribed Burns

#### Land Ownership

- Bureau of Land Management
- Forest Service
- US Fish and Wildlife Service
- State Lands
- County / City / Regional
- Private/Other







Map 3-7






**Fire Protection Providers**

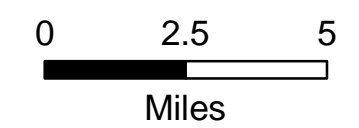
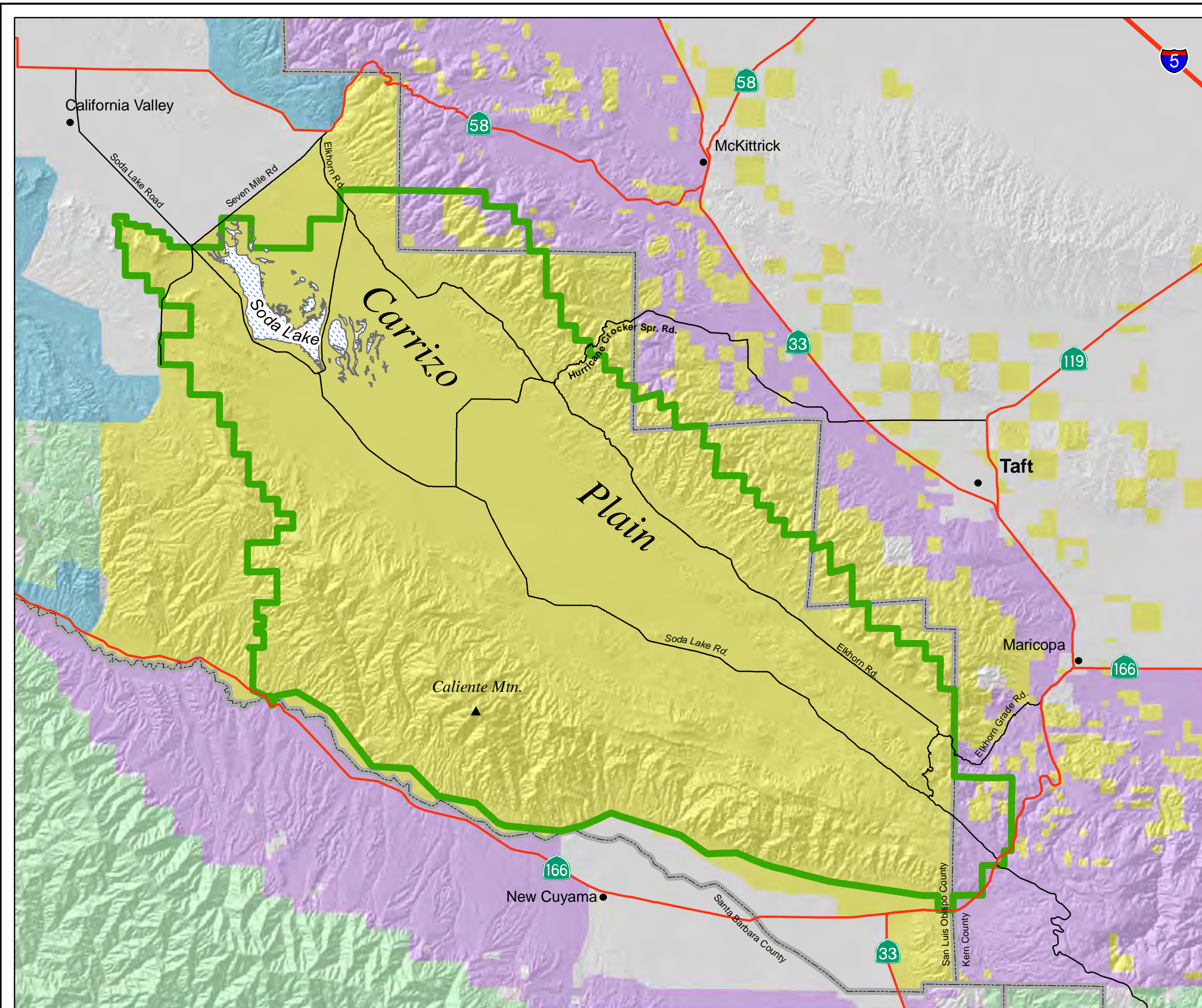
Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

-  County Maintained Road
-  Carrizo Plain National Monument

**Fire Protection Providers**

-  Bureau of Land Management
-  Los Padres National Forest
-  California Dept. of Forestry and Fire Protection (CDF)
-  State Responsibility Area Covered by Counties under Contract (Santa Barbara Co. and Kern Co.)
-  Local Government (City, County or Rural Fire Dept.)






Map 3-8

**General Soil Map Units**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

-  Carrizo Plain National Monument
-  County Boundary
-  County Maintained Road

**Soil Map Units**



**Playa Bottom**

-  1
-  2

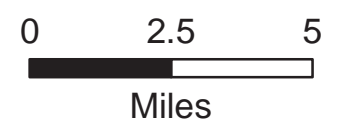
**Alluvial Flats and Fans**

-  3

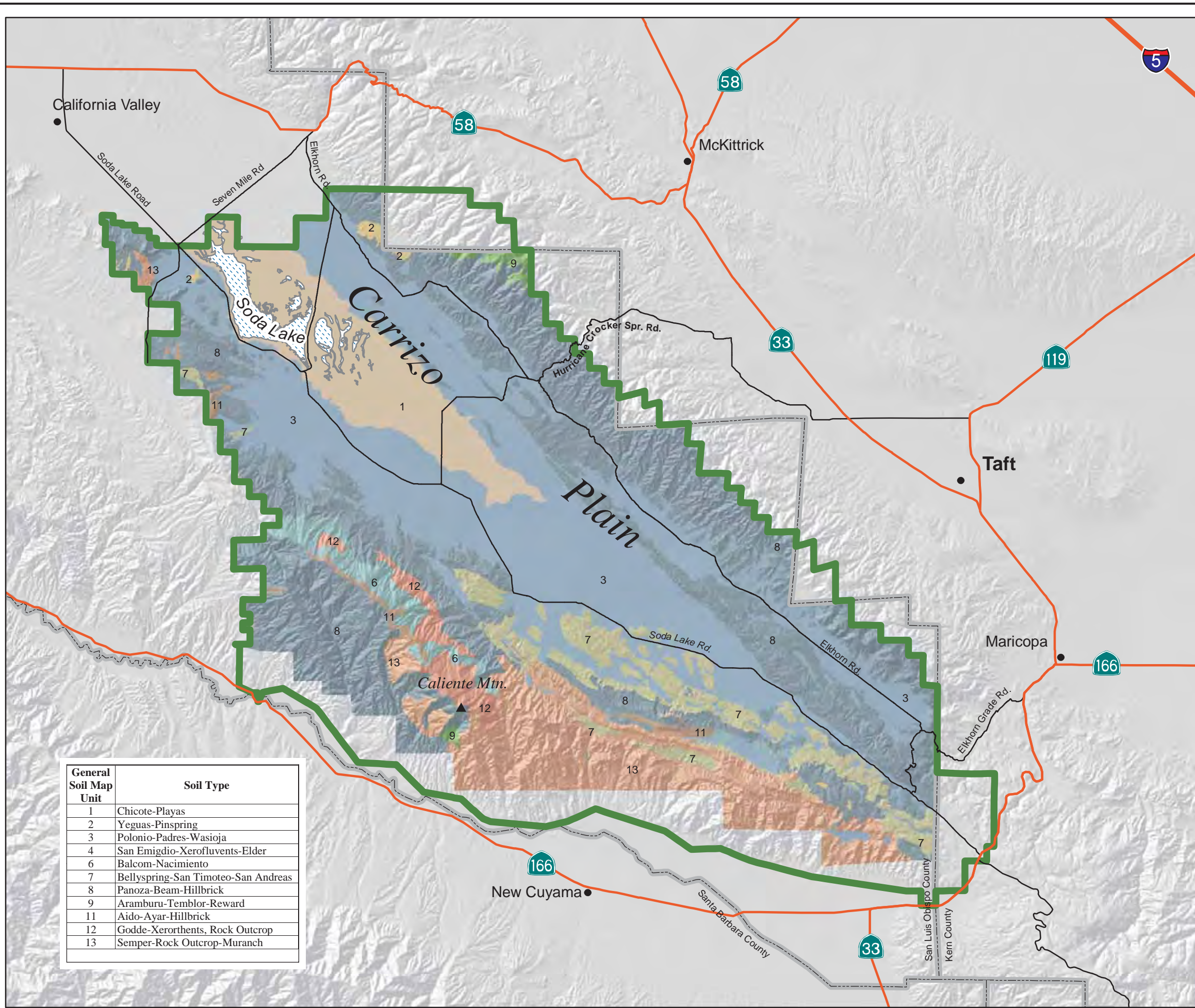
**Hills and Mountains**

-  6
-  7
-  8
-  9
-  11
-  12
-  13

 Unmapped So ils in CPNM



General Soil Map Unit	Soil Type
1	Chicote-Playas
2	Yeguas-Pinspring
3	Polonio-Padres-Wasioja
4	San Emigdio-Xerofluvents-Elder
6	Balcom-Nacimiento
7	Bellyspring-San Timoteo-San Andreas
8	Panoza-Beam-Hillbrick
9	Aramburu-Temblor-Reward
11	Aido-Ayar-Hillbrick
12	Godde-Xerorthents, Rock Outcrop
13	Semper-Rock Outcrop-Muranch





Map 3-9

**Hydrographic Features**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

 Carrizo Plain National Monument

 County Boundary


 County Maintained Road

**Hydrographic Sub-basins**

 Carrizo Plain

 Cuyama

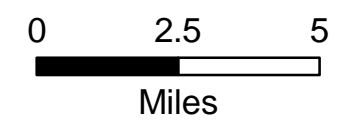
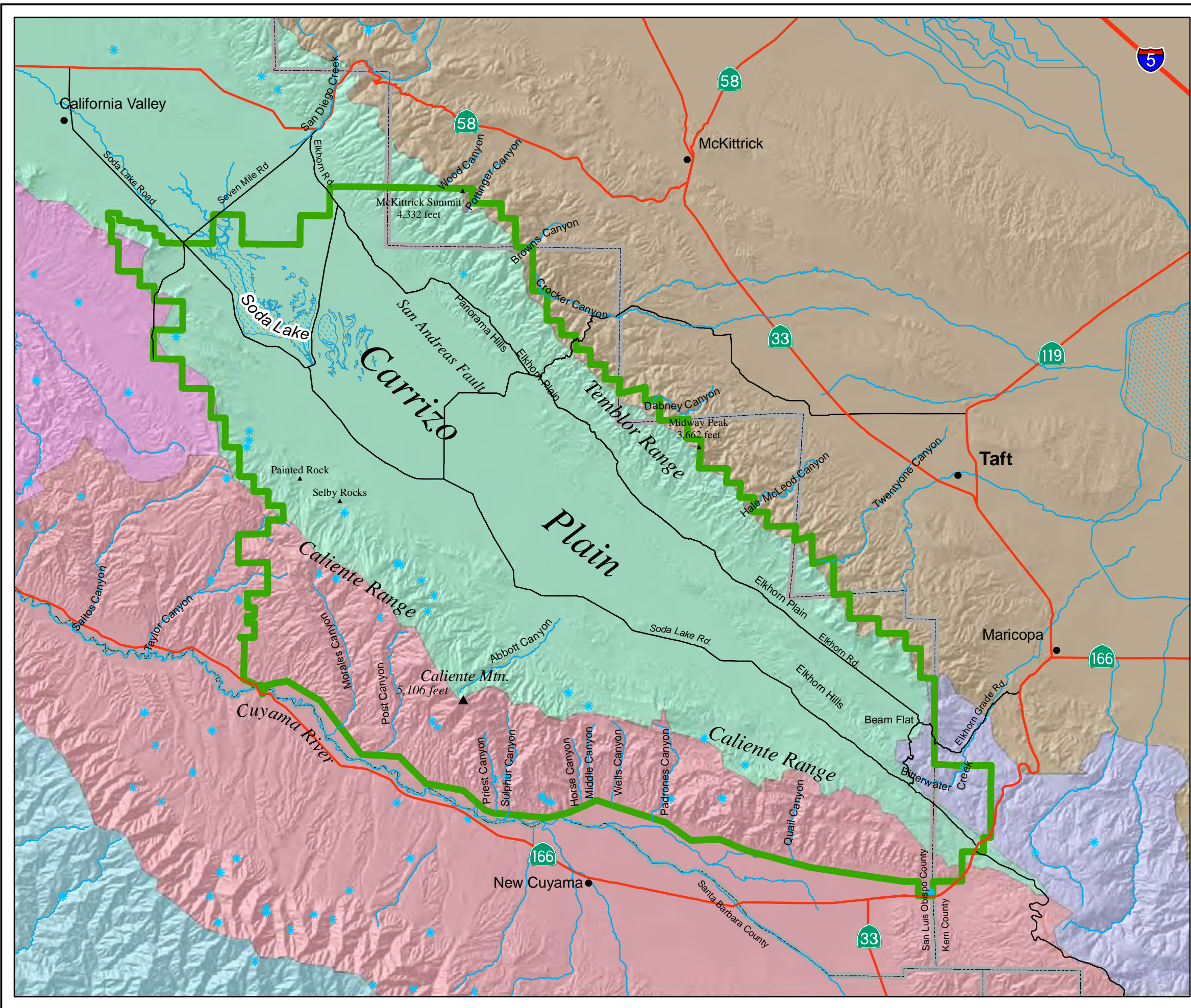
 Estrella

 Middle Kern-Upper  
Tehachapi-Grapevine

 Santa Maria

 Tulare-Buena Vista Lakes

 Springs



Map 3-10

**Generalized Geology**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

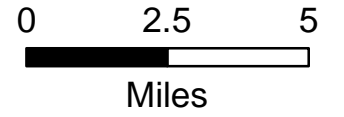
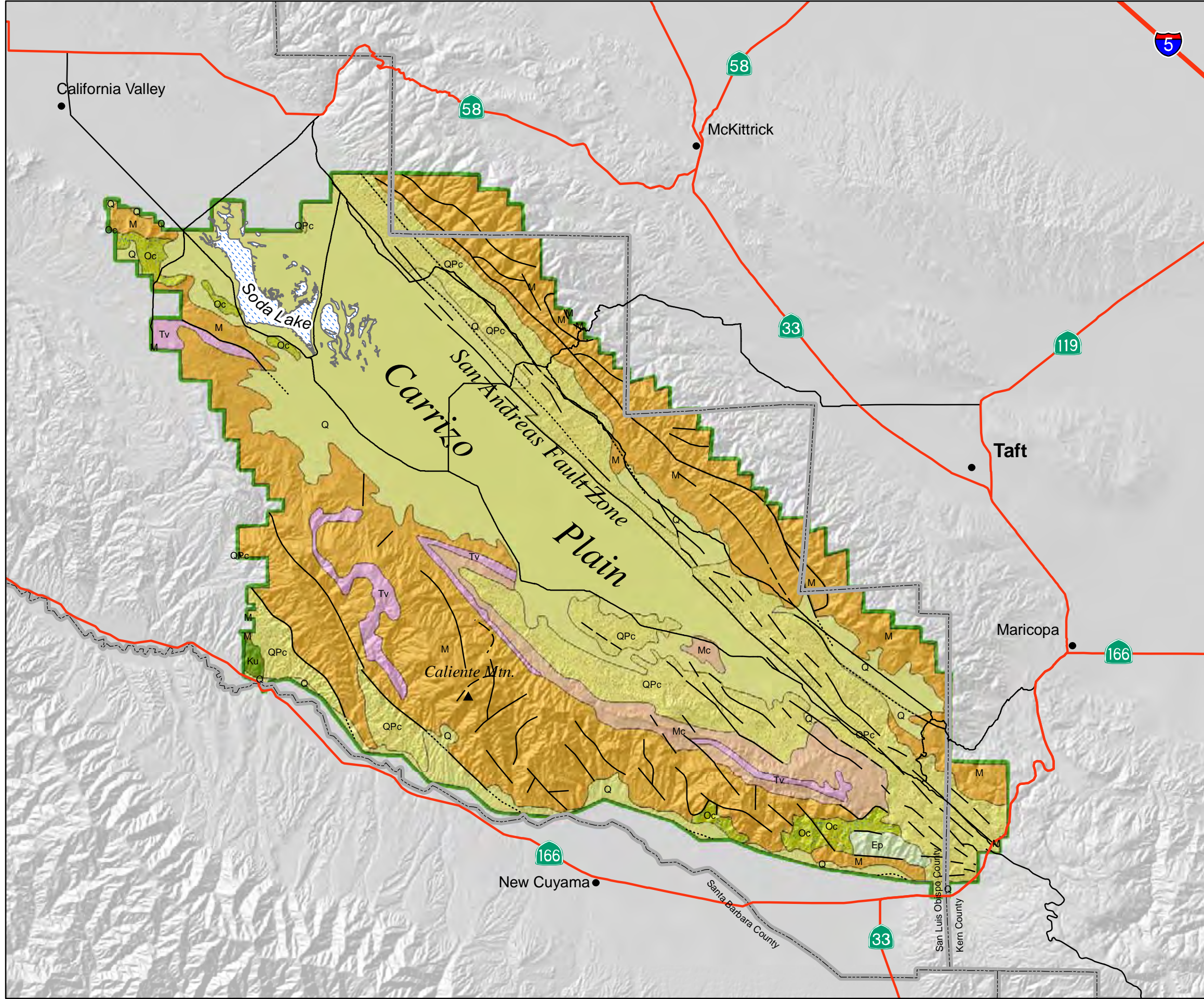
- County Maintained Road
- Carrizo Plain National Monument

**Faults**

- Fault, certain
- Fault, approx. located
- fault, concealed
- thrust fault, certain
- thrust fault, approx. located

**Geology**

- Q - Quaternary Alluvium
- QPc - Pliocene / Pleistocene alluvium
- Tv - Tertiary volcanic flows
- M - Miocene marine sediments
- Mc - Miocene nonmarine sediments
- Oc - Oligocene nonmarine sediments
- Ep - Paleocene marine sediments
- Ku - Upper Cretaceous marine sediments






Map 3-11

**National Register of Historic Places**

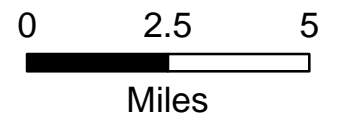
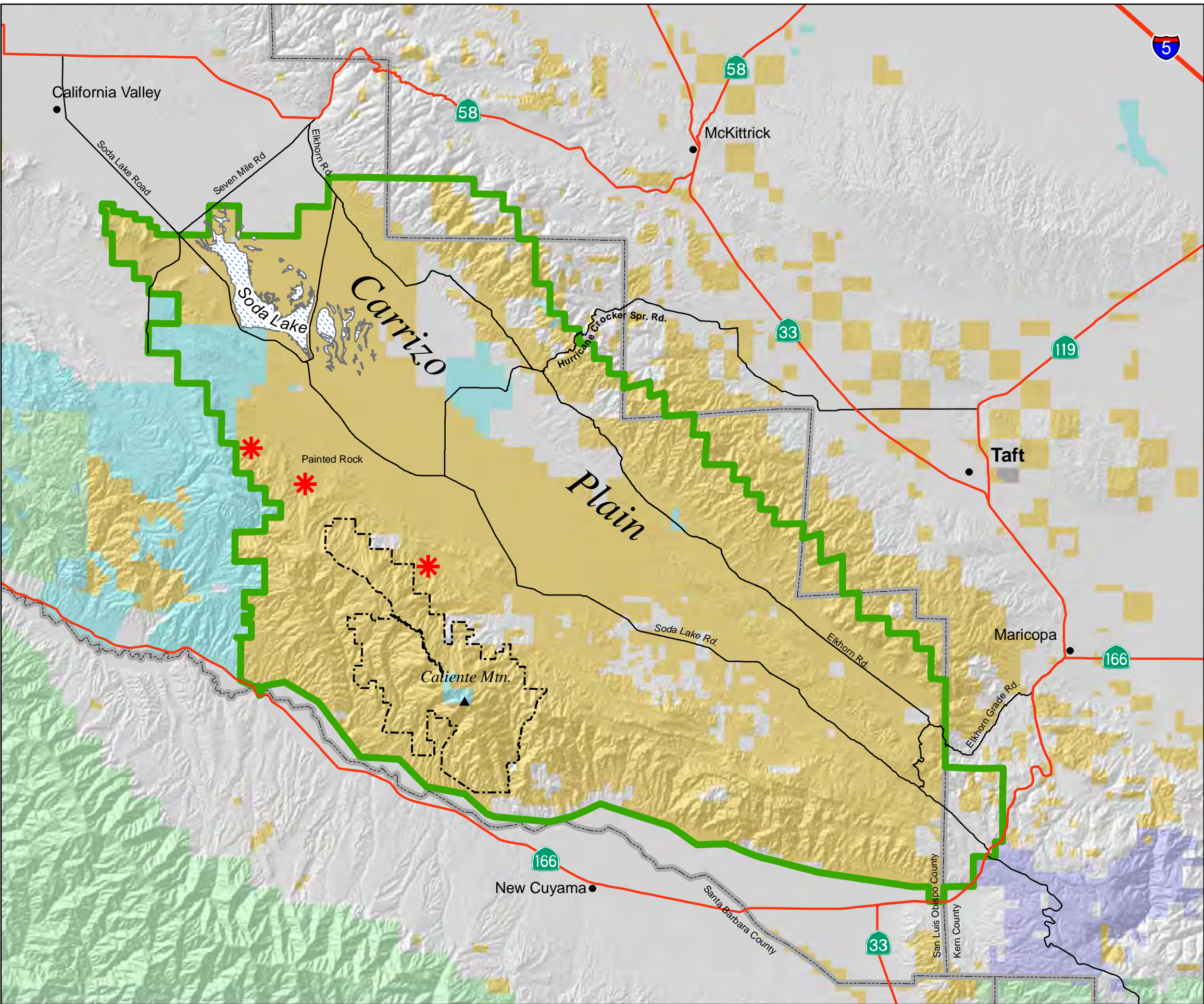
Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

-  County Maintained Road
-  Carrizo Plain National Monument
-  National Register Districts

**Land Ownership**










-  Bureau of Land Management
-  Forest Service
-  US Fish and Wildlife Service
-  State Lands
-  County / City / Regional
-  Private/Other

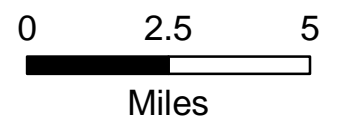
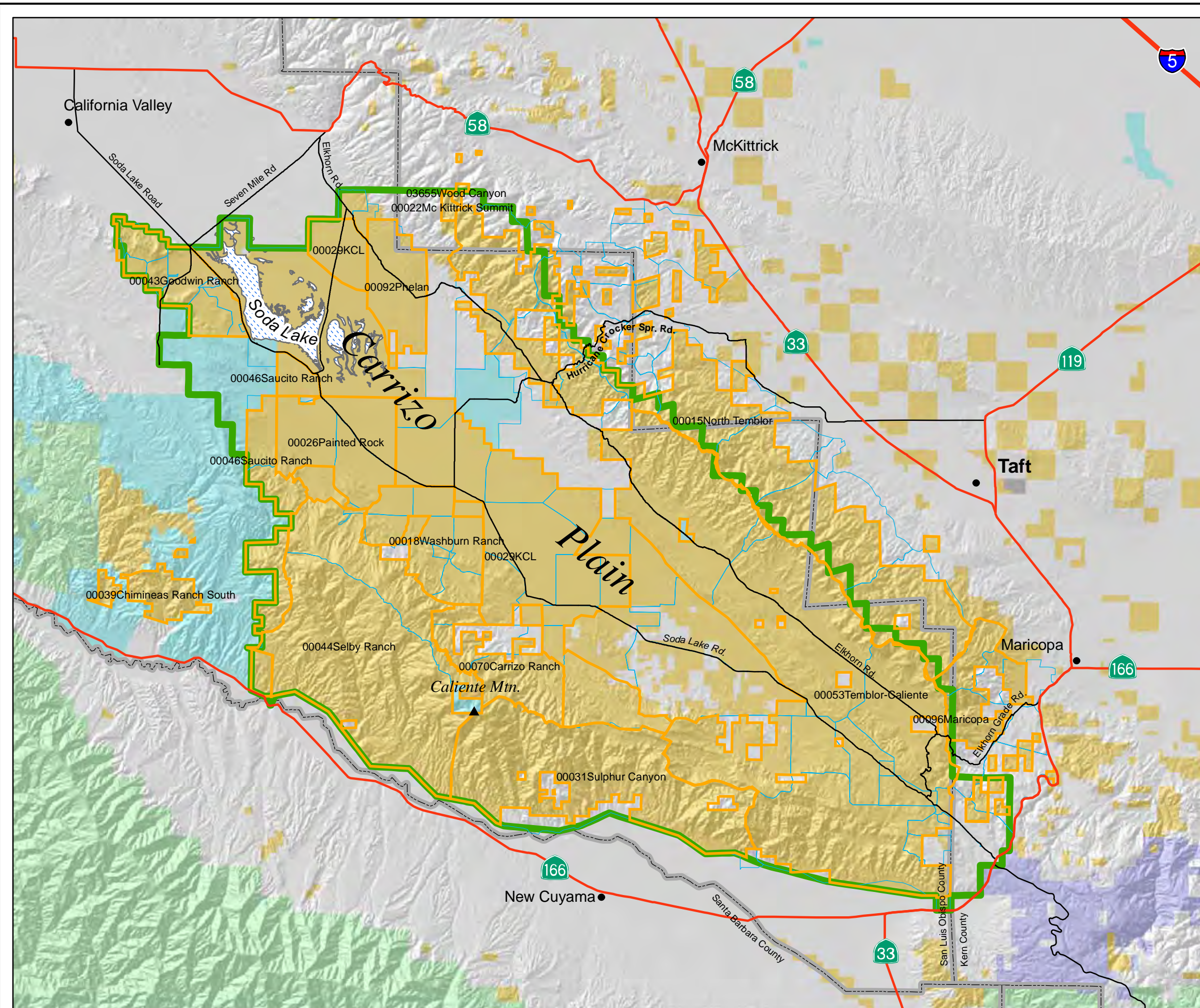


**Map 3-12  
Grazing Allotments**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

-  County Maintained Road
-  Carrizo Plain National Monument
-  Grazing Allotments
-  Carrizo Pastures
-  Bureau of Land Management
-  Forest Service
-  US Fish and Wildlife Service
-  State Lands
-  County / City / Regional  
Private/Other



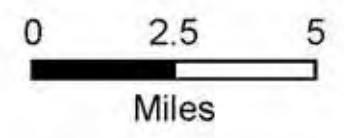
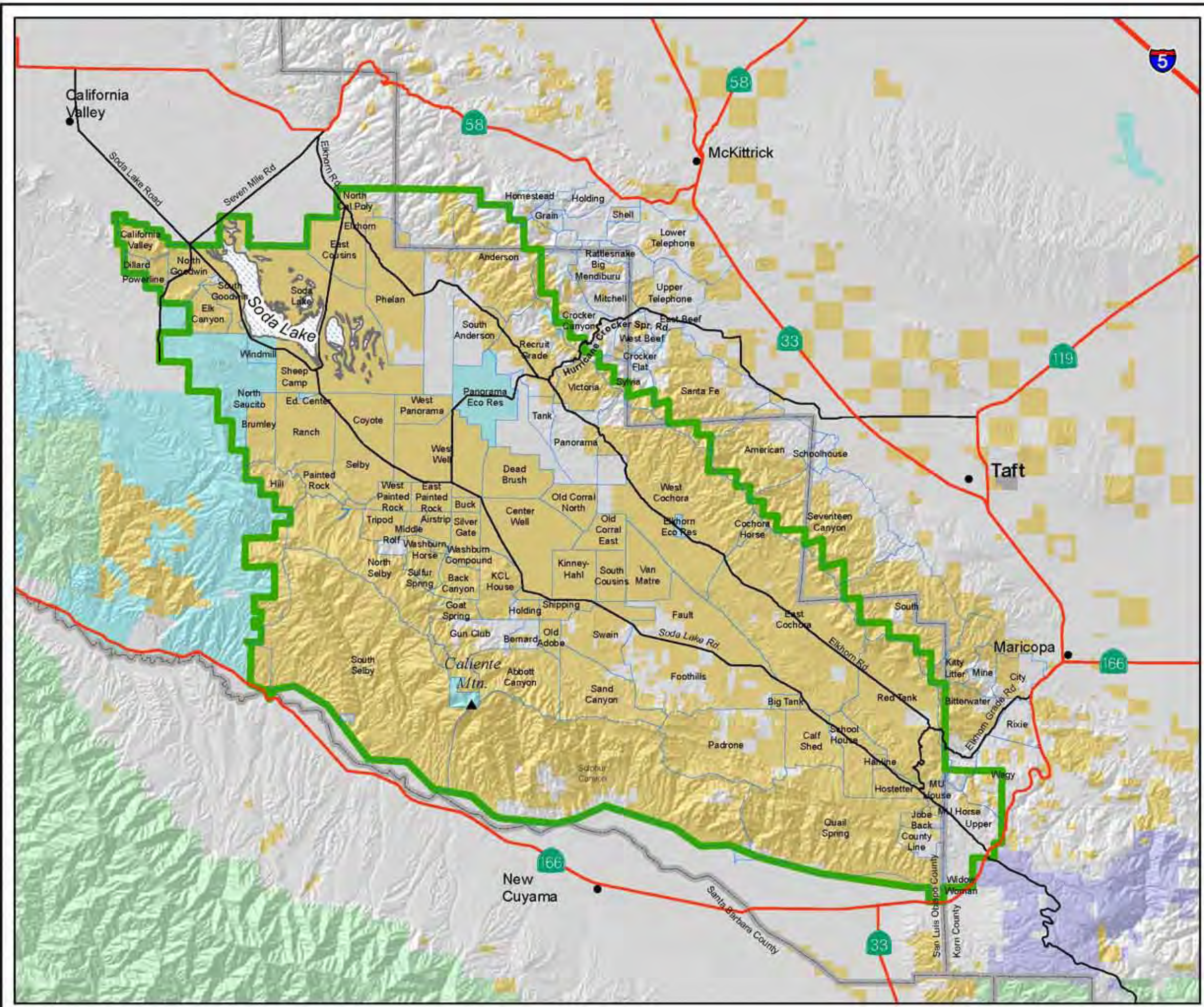
Map 3-13

Range Features

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

Legend








-  County Maintained Road
-  Carrizo Plain National Monument
-  Pastures
- Land Status**
-  Bureau of Land Management
-  Forest Service
-  US Fish and Wildlife Service
-  State Lands
-  County / City / Regional  
Private/Other



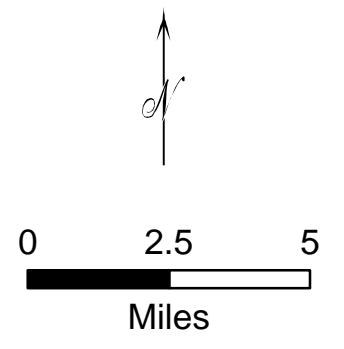
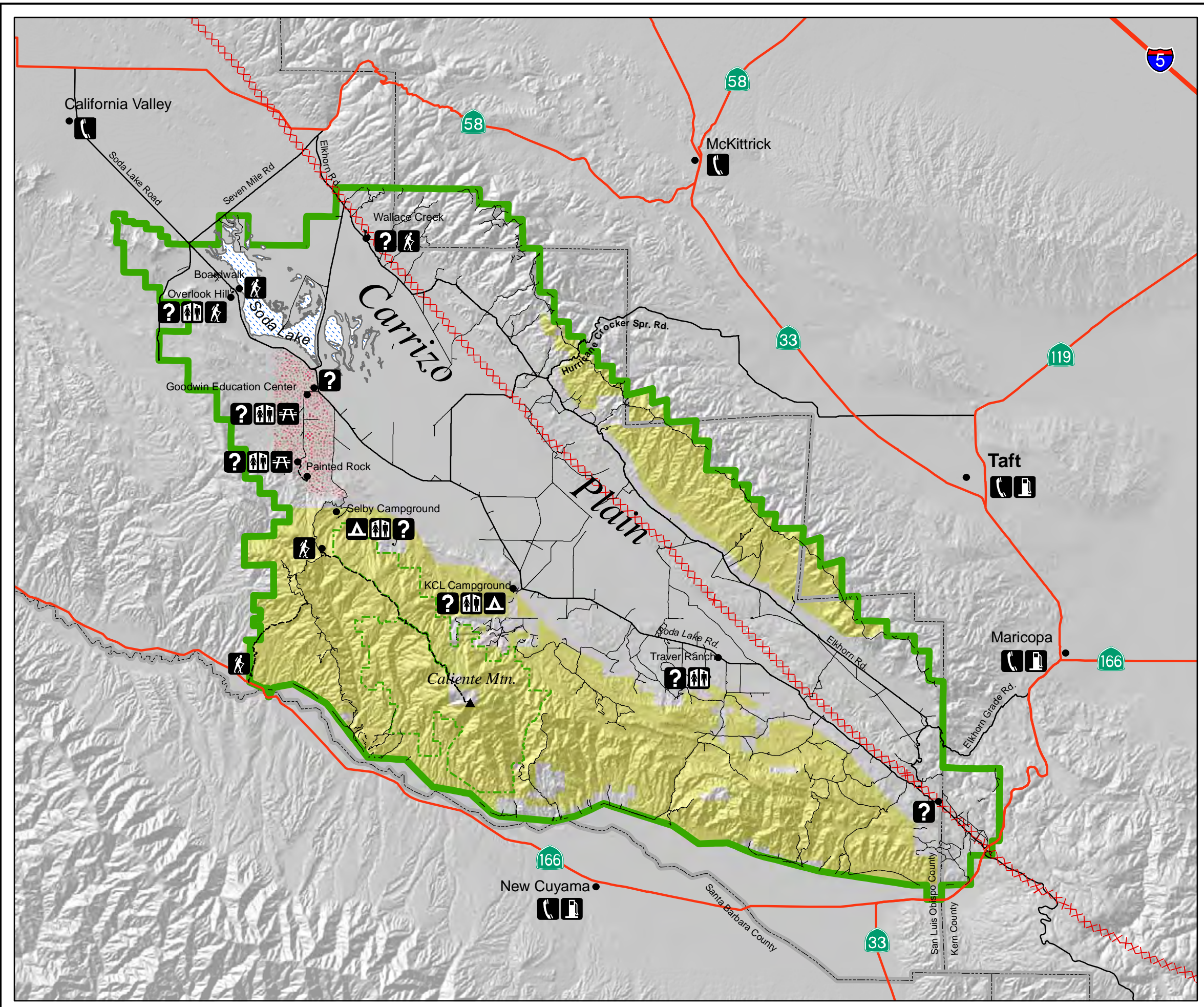
Map 3-14

Visitor Services and Recreation  
Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

Legend

-  Carrizo Plain National Monument
-  County Maintained Road
-  Foot Trails
-  Open Routes
-  San Andreas Fault
-  No Shooting Zone
-  Dispersed Camping Area

NOTE: Some roads shown here as open cross private land and access may be restricted by the property owners.










Map 3-15

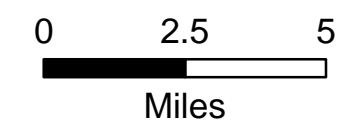
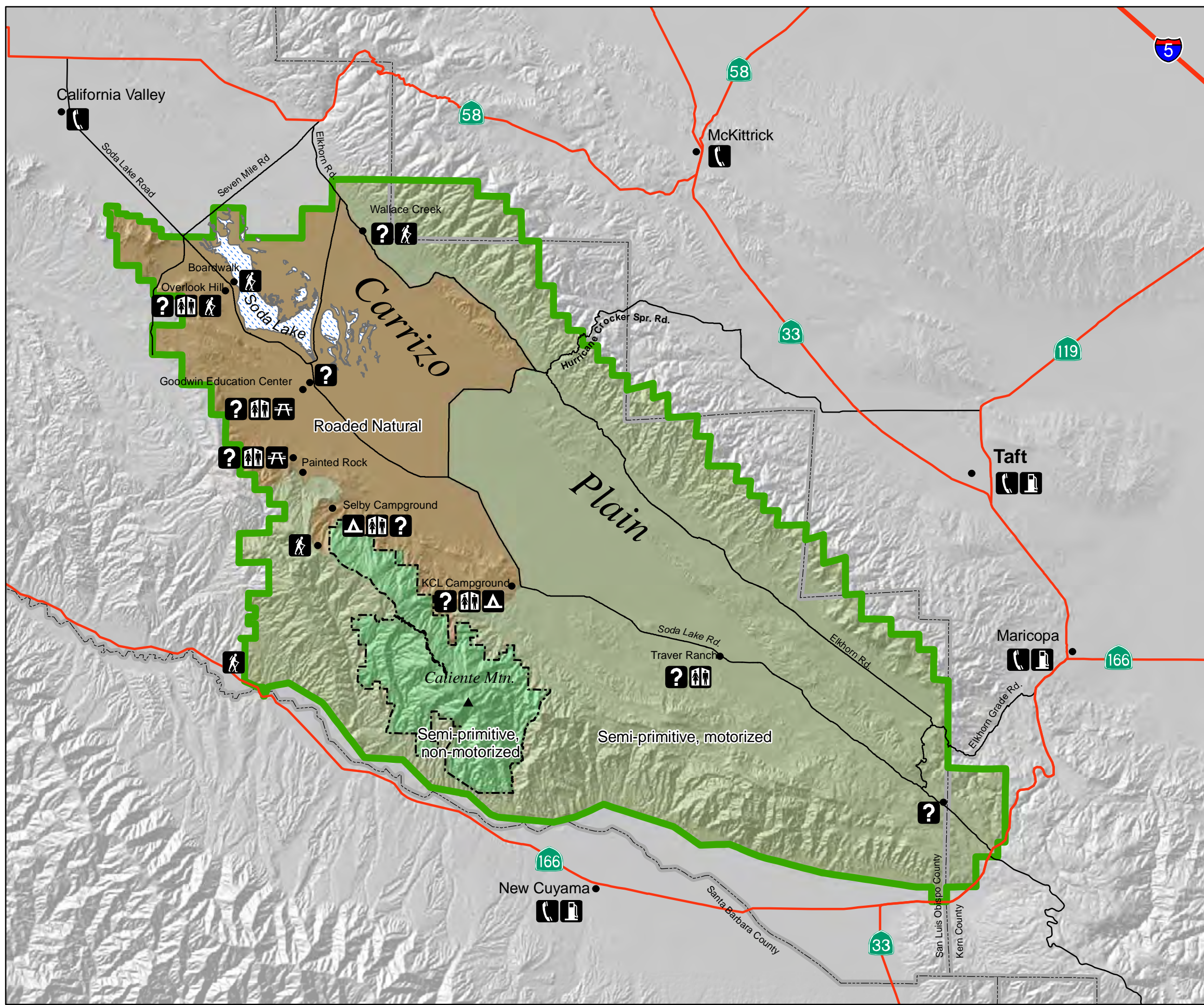
**Recreation Opportunity Spectrum**  
Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

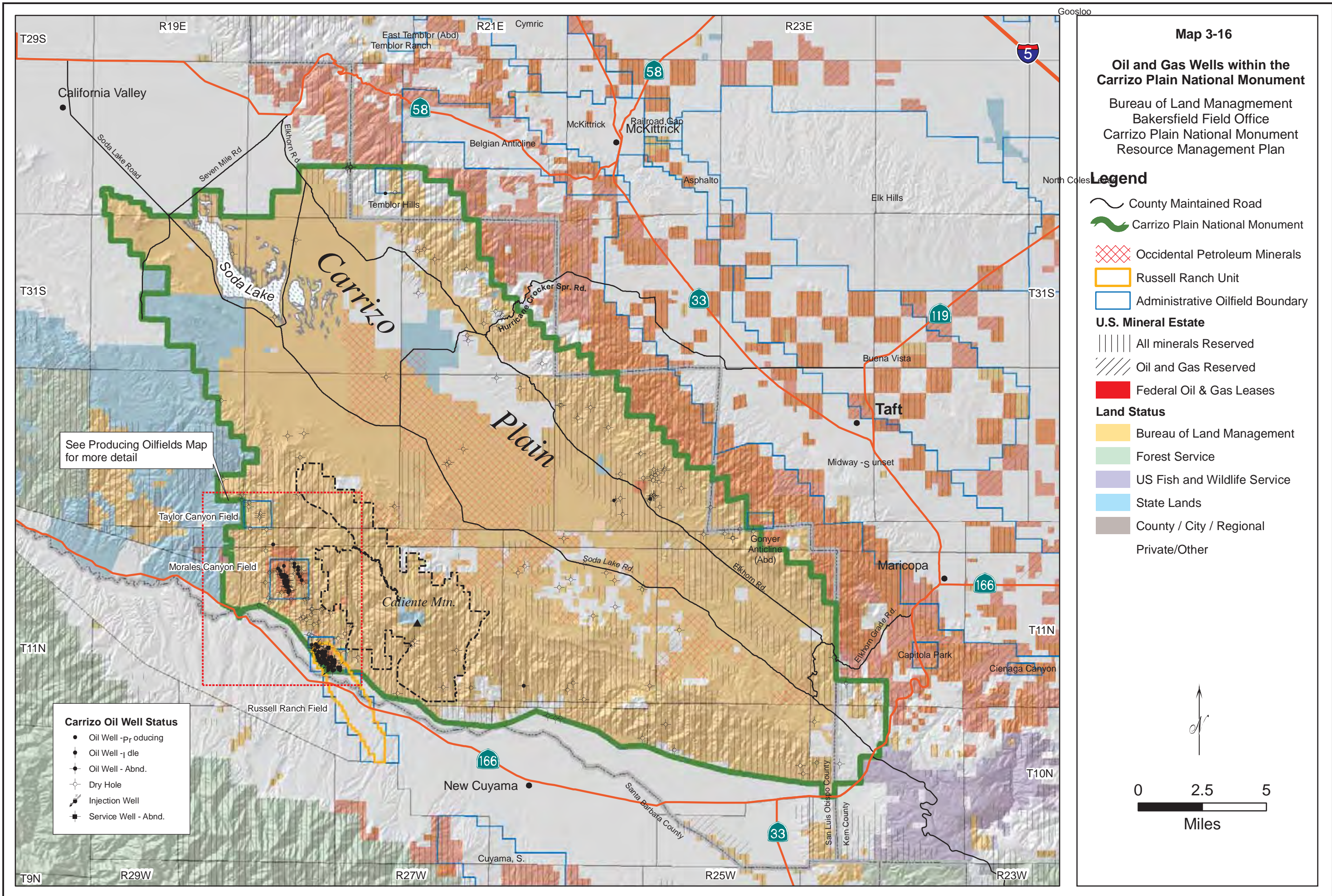
**Legend**

-  County Maintained Road
-  Carrizo Plain National Monument

**Recreation Class**

-  Roded Natural
-  Semi-primitive, motorized
-  Semi-primitive, non-motorized





**Map 3-16**

**Oil and Gas Wells within the Carrizo Plain National Monument**

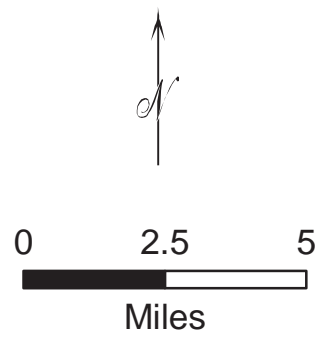
Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

- County Maintained Road
- Carrizo Plain National Monument
- Occidental Petroleum Minerals
- Russell Ranch Unit
- Administrative Oilfield Boundary
- U.S. Mineral Estate**
  - All minerals Reserved
  - Oil and Gas Reserved
  - Federal Oil & Gas Leases
- Land Status**
  - Bureau of Land Management
  - Forest Service
  - US Fish and Wildlife Service
  - State Lands
  - County / City / Regional
  - Private/Other

See Producing Oilfields Map for more detail

- Carrizo Oil Well Status**
- Oil Well - Producing
  - Oil Well - Idle
  - Oil Well - Abnd.
  - Dry Hole
  - Injection Well
  - Service Well - Abnd.















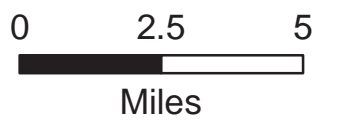
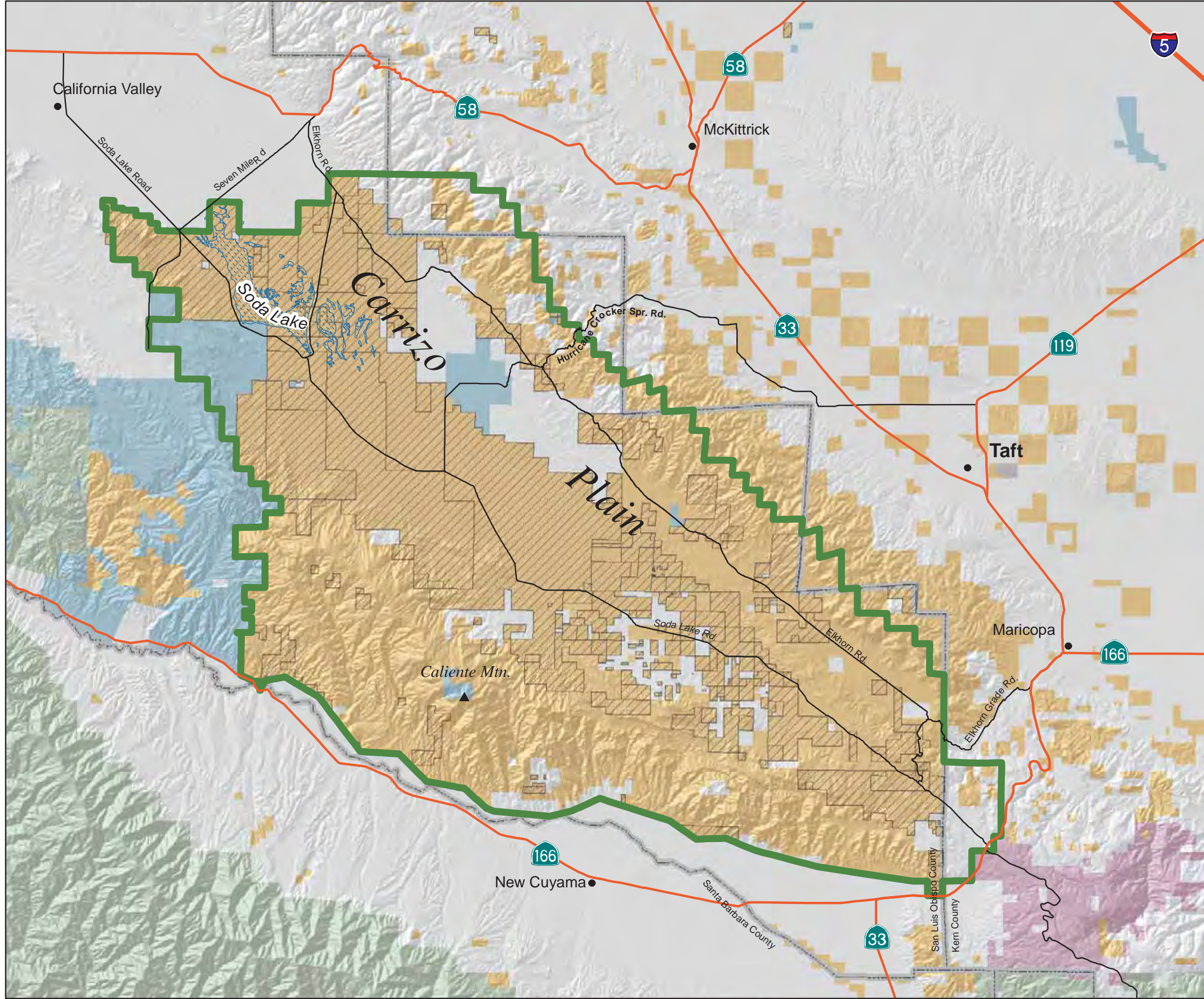
Map 3-18

**Land Ownership Status**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

-  Carrizo Plain National Monument
-  County Boundary
-  County Maintained Road
-  BLM Land Acquisitions
- Land Ownership**
-  Bureau of Land Management
-  Forest Service
-  US Fish and Wildlife Service
-  State Lands
-  County / City / Regional
-  Private/Other














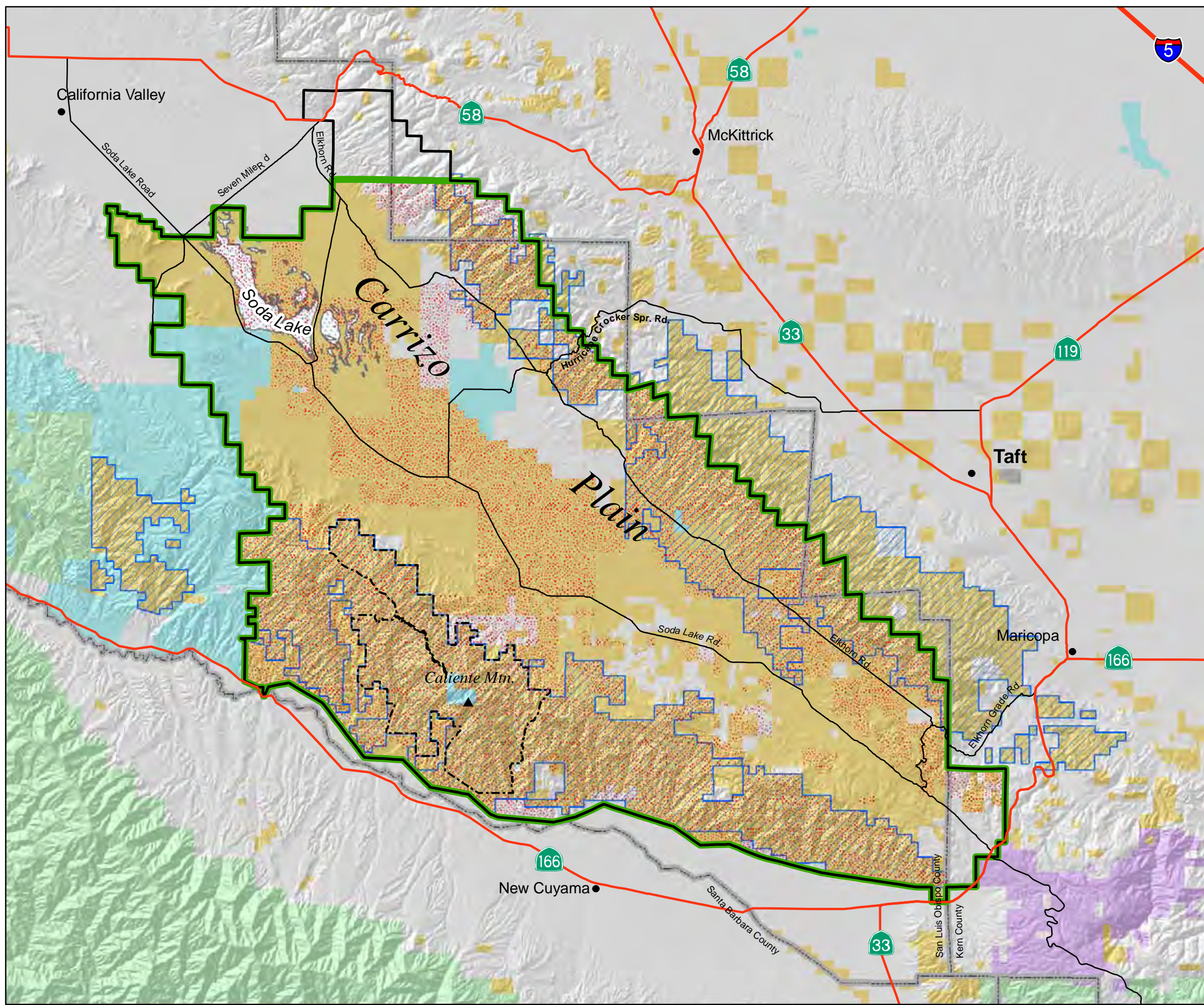
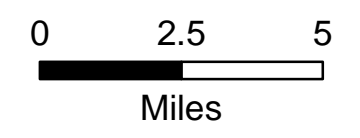
Map 3-19

**Land Status and Withdrawals**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

-  County Maintained Road
-  Carrizo Plain National Monument
- Land Status**
-  Forest Service
-  Bureau of Land Management
-  US Fish and Wildlife Service
-  State Lands
-  County / City / Regional
-  Private/Other
-  Carrizo Plain Natural Area ACEC
-  Federal Minerals
-  Nat'l Cooperative Land & Wildlife Mgmt Area



Map 3-20

**Infrastructure**

Bureau of Land Management  
Bakersfield Field Office  
Carrizo Plain National Monument  
Resource Management Plan

**Legend**

- County Maintained Road
- Carrizo Plain National Monument

**Legend**

- RAWS Station
- building
- campground
- comm. site

**Service Lines**

- Oil Pipeline
- Power line
- Telephone line

**Land Status**

- Bureau of Land Management
- Forest Service
- US Fish and Wildlife Service
- State Lands
- County / City / Regional  
Private/Other

