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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

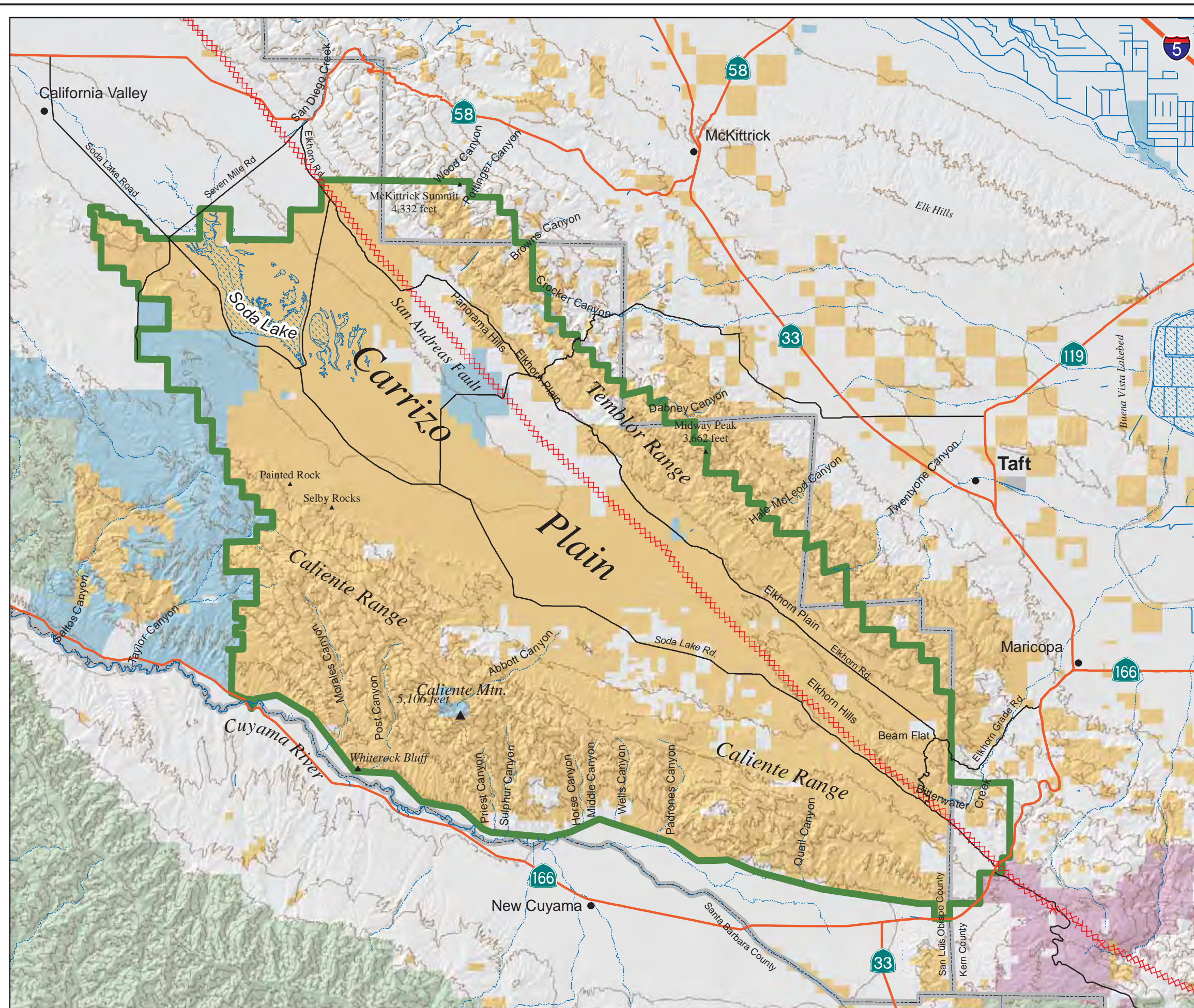
Legend

-  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

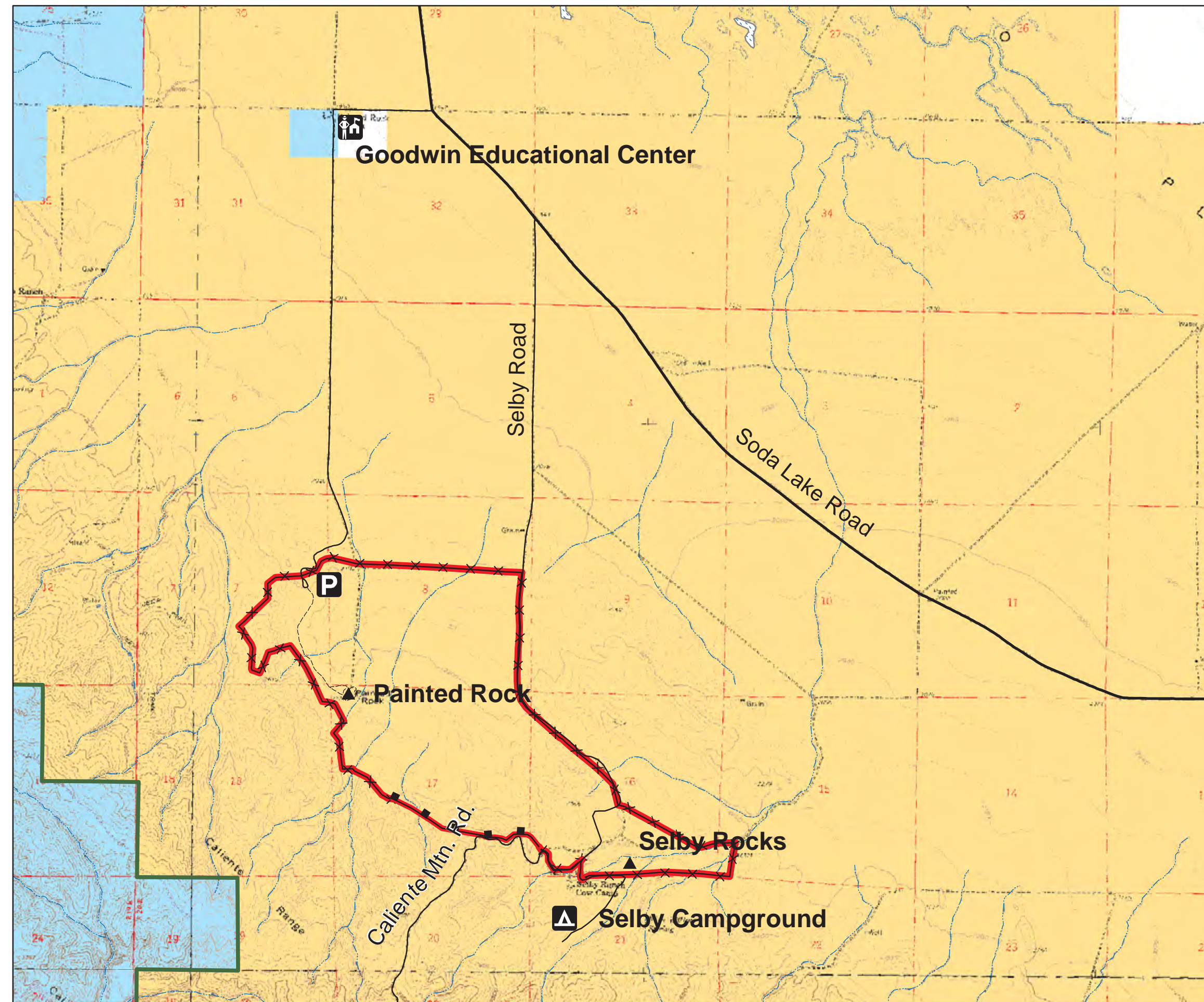


**Map 2-1
Painted Rock Exclusion Zone**

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

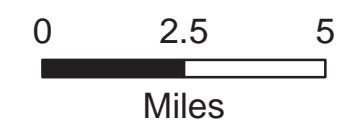
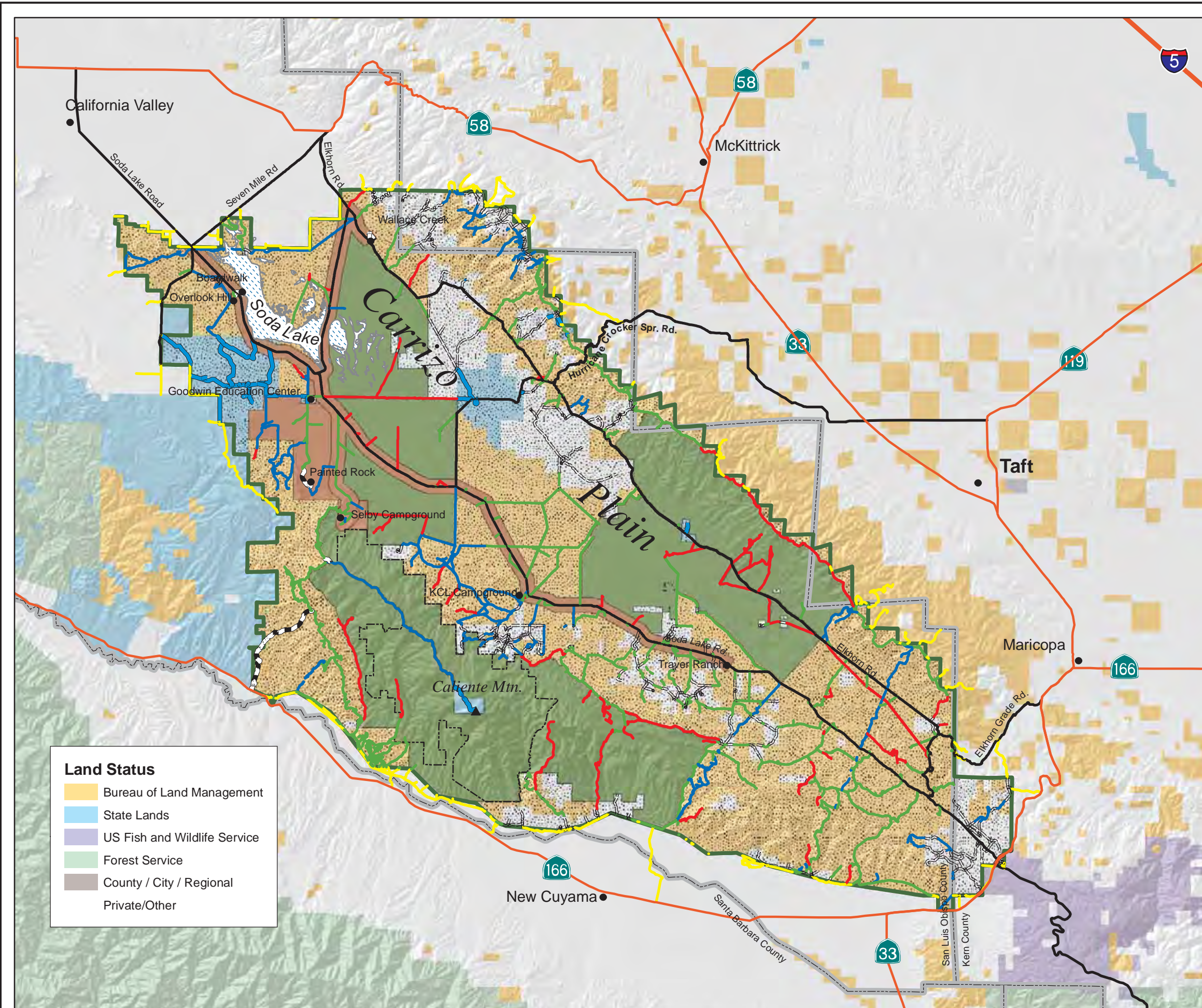
-  State Highways
-  County Roads
-  Open
-  Limited
-  Closed
-  Foot Trails
-  Routes on State Lands
-  Routes on Private Lands
-  Routes outside CPNM
-  CPNM Boundary
-  Caliente Mtn. WSA

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

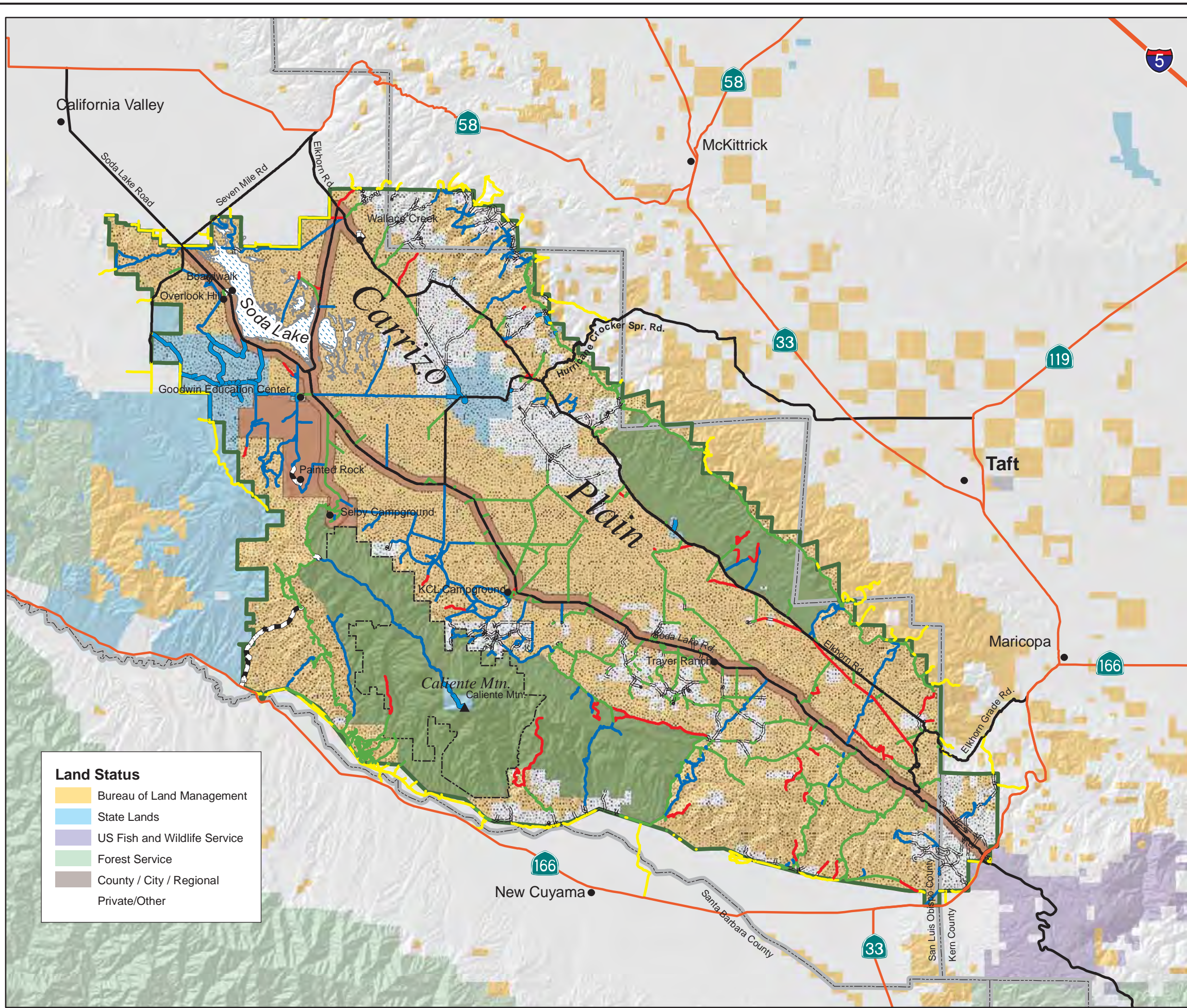
-  State Highways
-  County Roads
-  Open
-  Limited
-  Closed
-  Foot Trails
-  Routes on State Lands
-  Routes on Private Lands
-  Routes outside CPNM
-  CPNM Boundary
-  Caliente Mtn. WSA

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

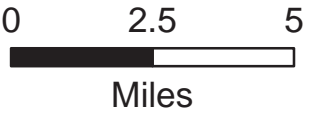
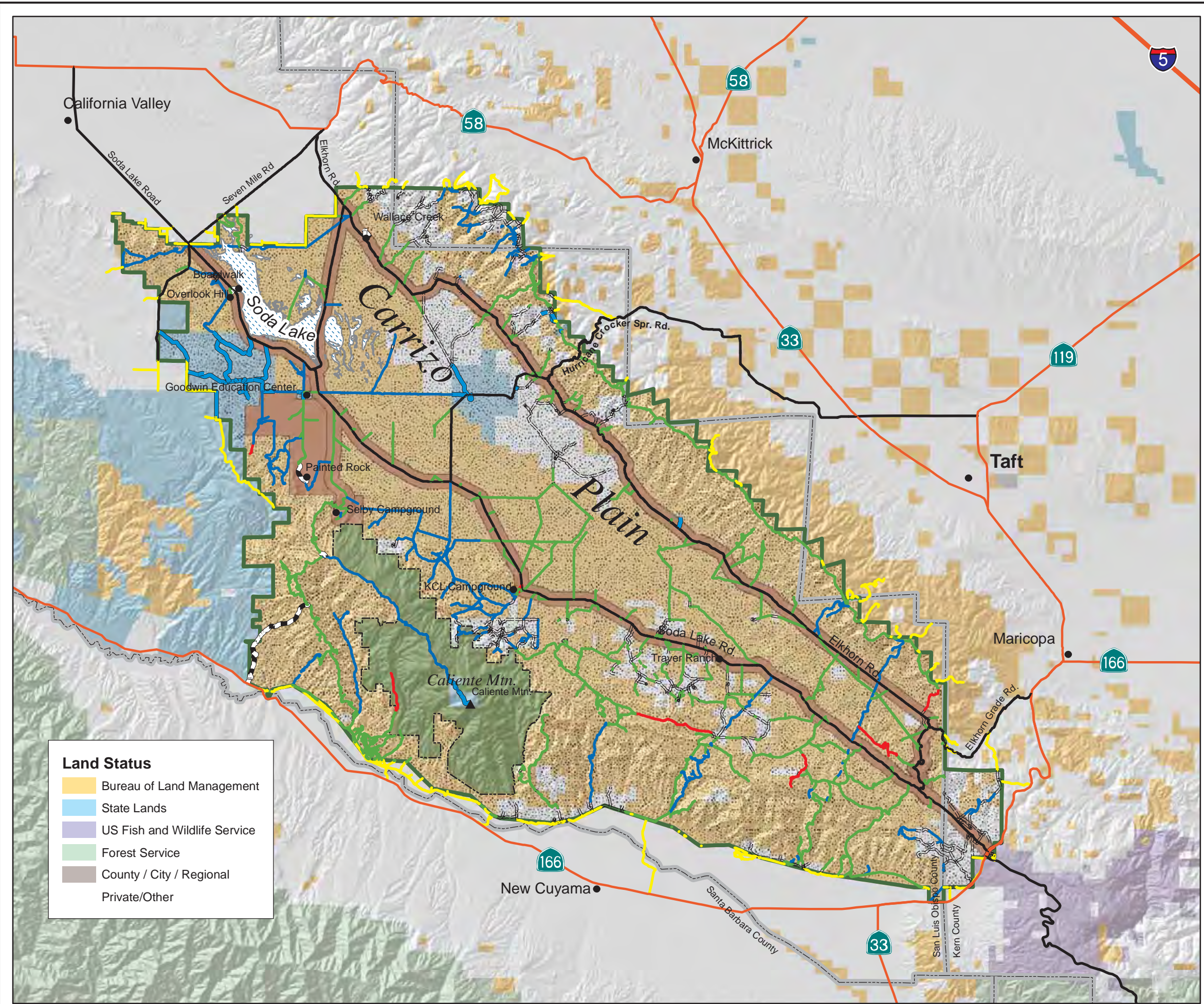
- State Highways
- County Roads
- Open
- Limited
- Closed
- Foot Trails
- Routes on State Lands
- Routes on Private Lands
- Routes outside CPNM
- CPNM Boundary
- Caliente Mtn. WSA

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

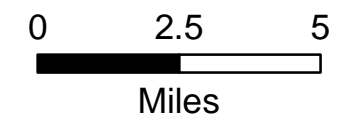
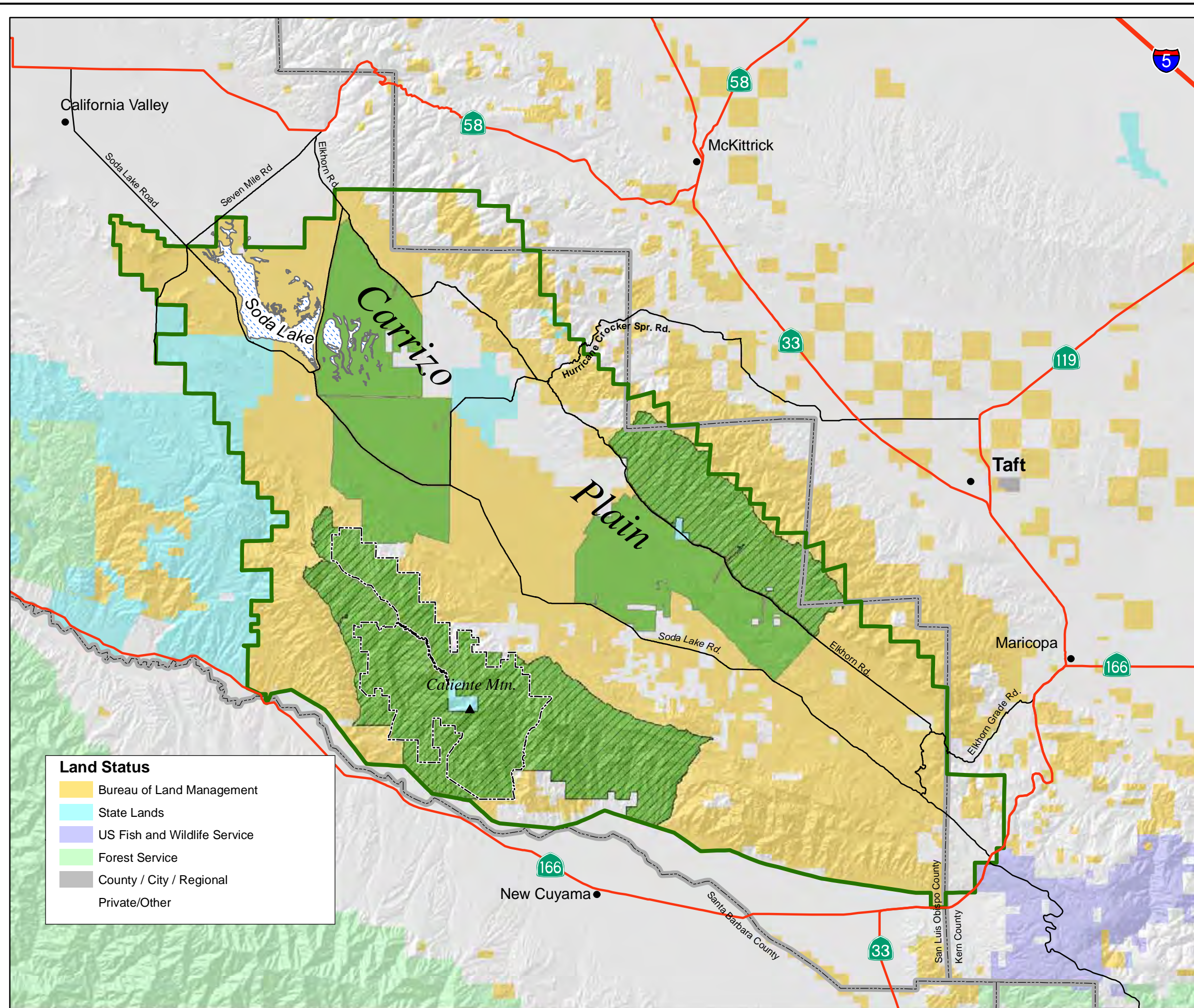
 Alternative 1

 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














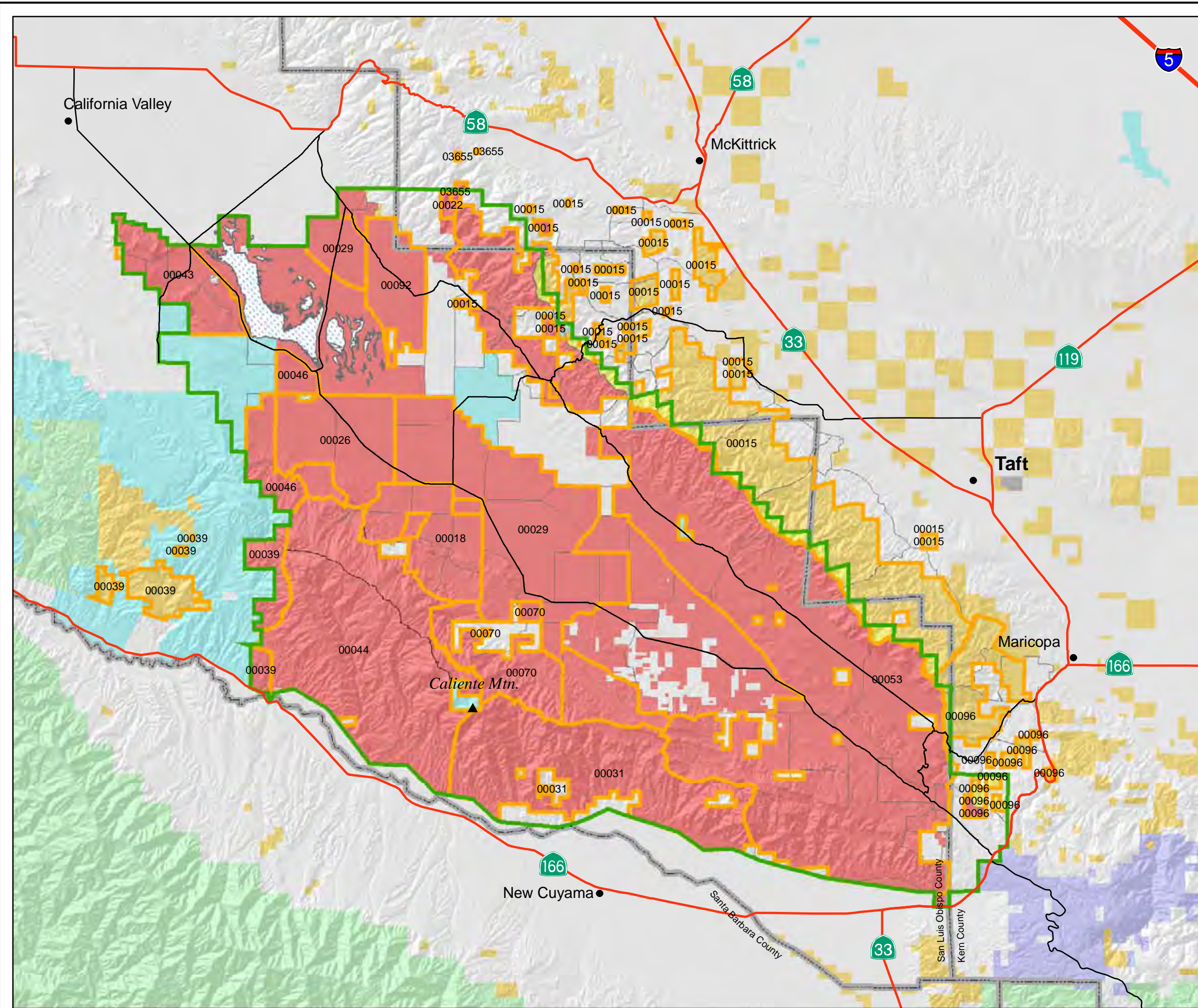
Map 2-6

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













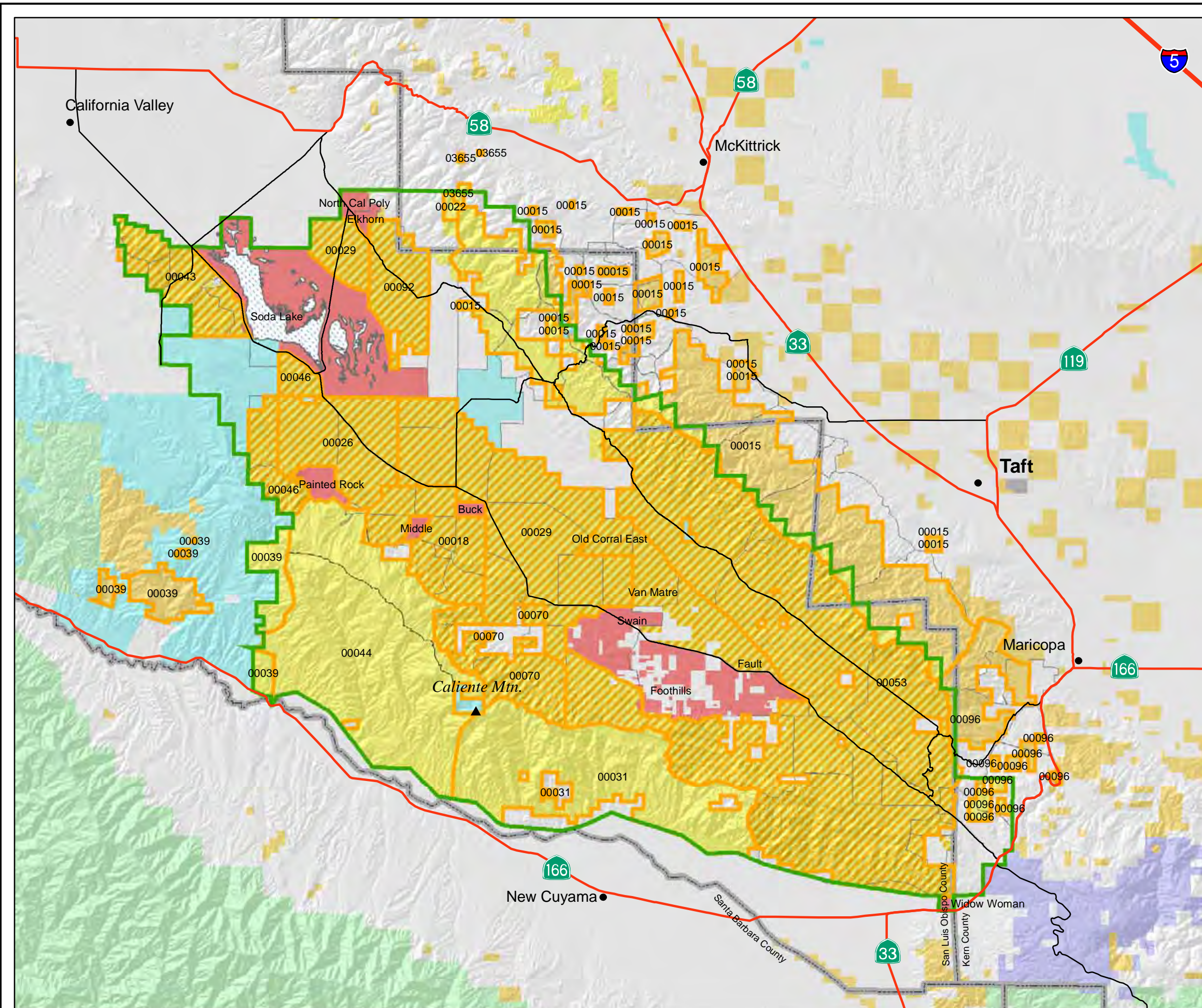
Map 2-7

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





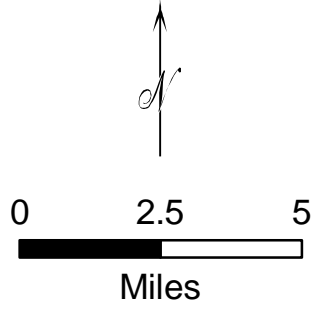
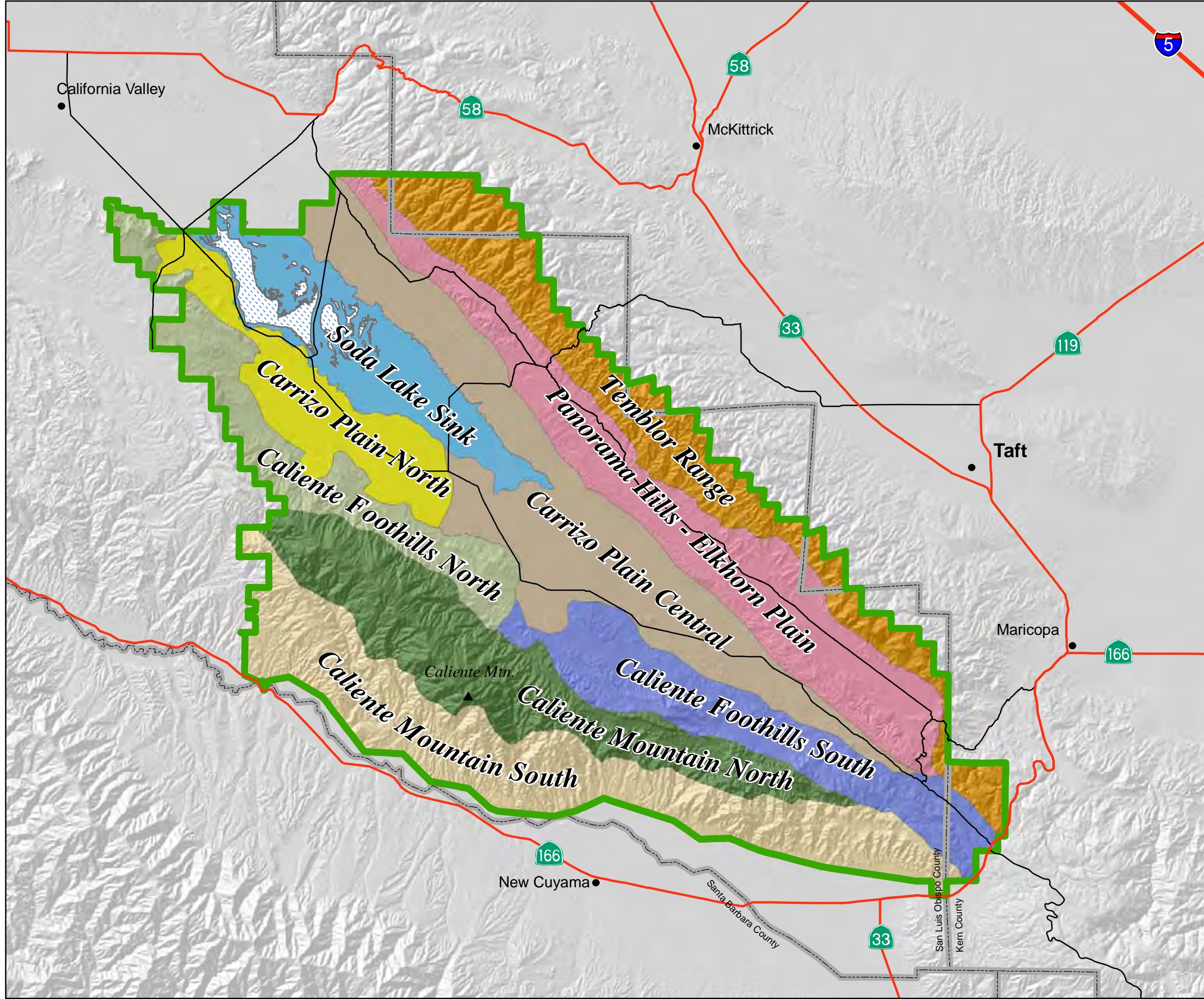
Map 3-1

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

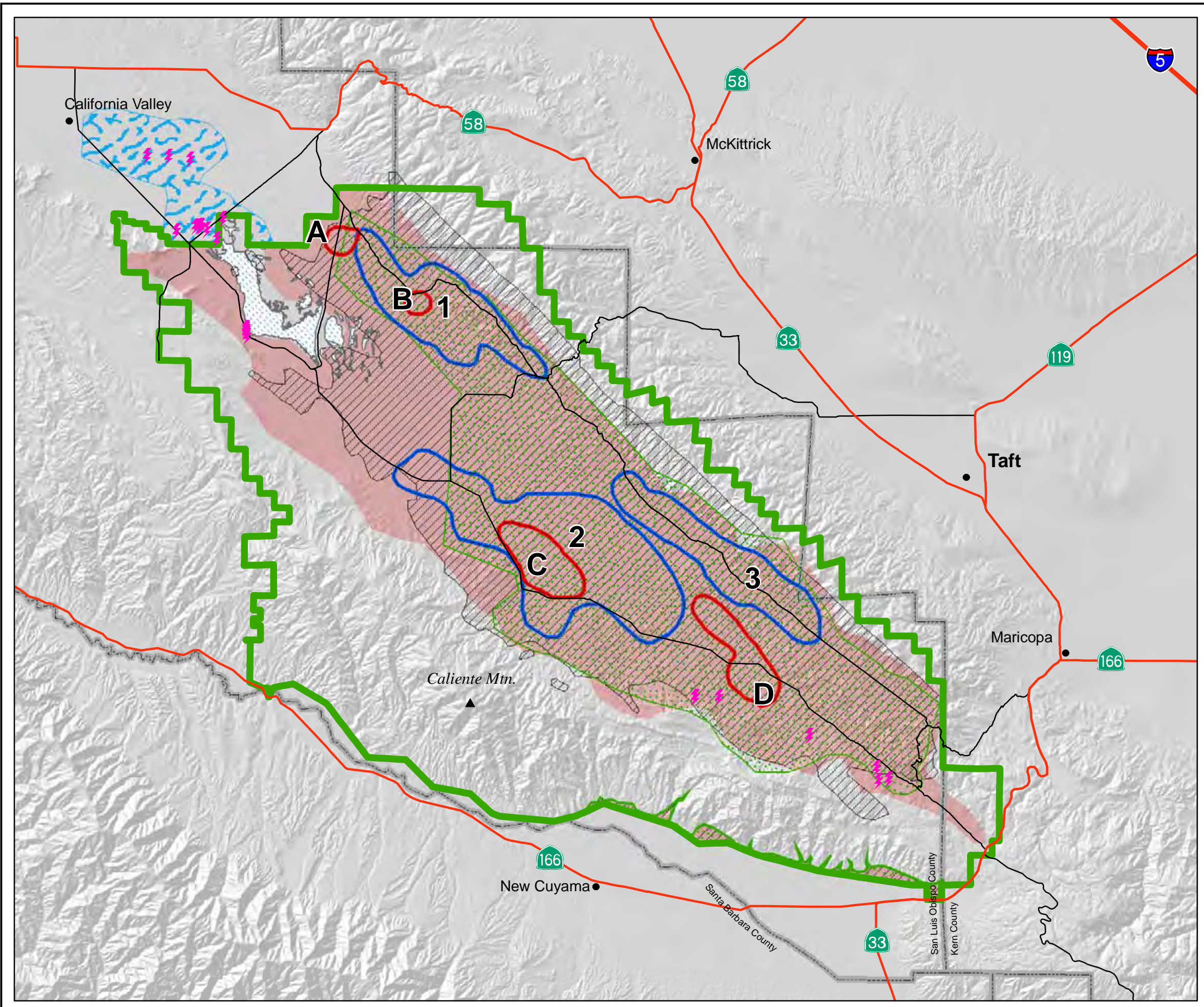
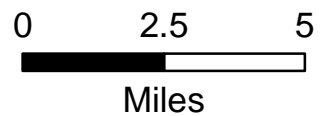
-  Blunt-nosed Leopard Lizard
-  Giant Kangaroo Rat & San Joaquin Antelope Squirrel
-  San Joaquin Kit Fox
-  Designated Critical Habitat for Longhorn and Vernal Pool Fairy Shrimp
-  Longhorn Fairy Shrimp Locations (*Branchinecta longiantenna*)

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

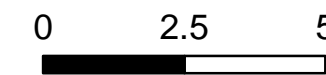
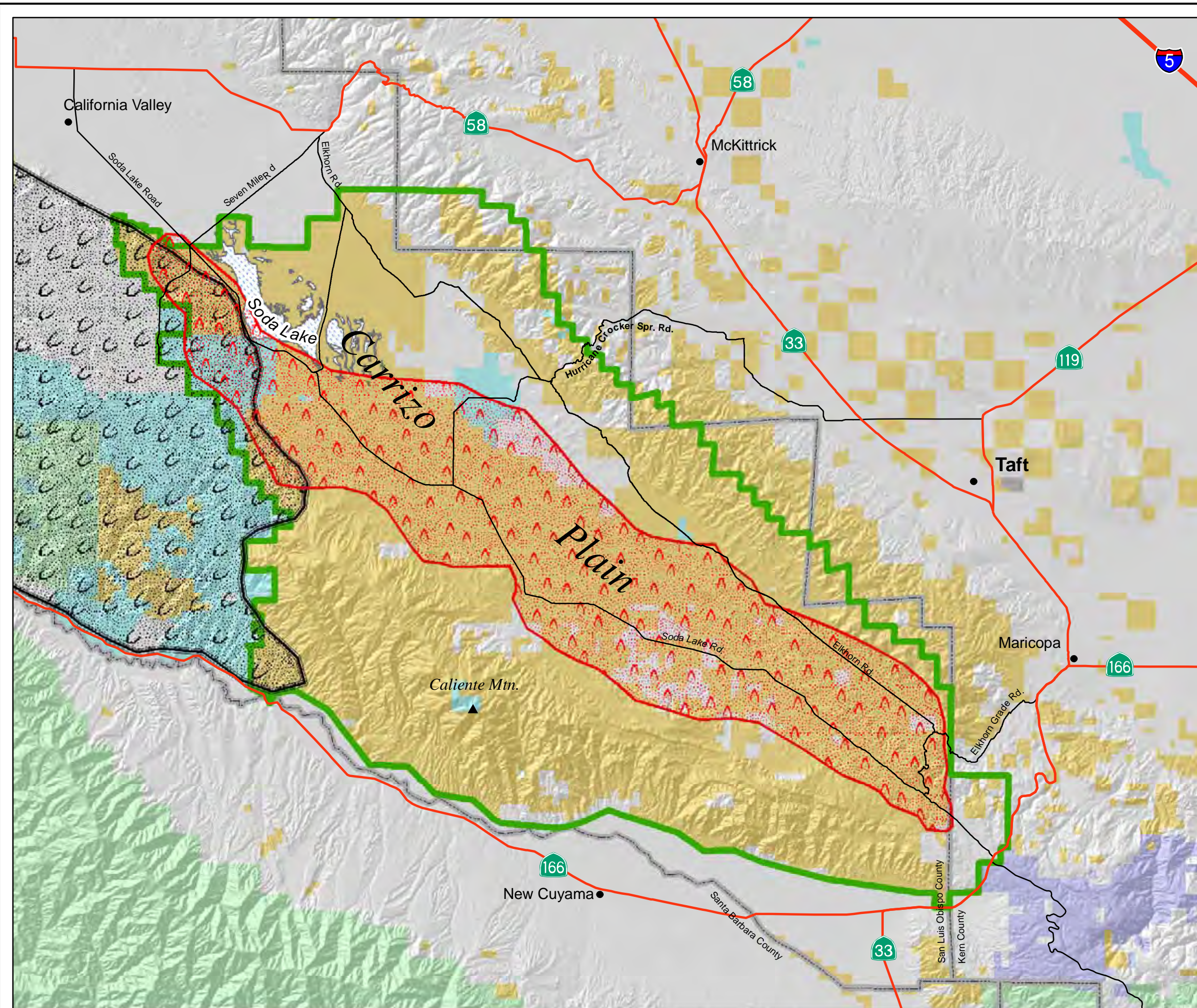


Map 3-3

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





Miles




Map 3-4







Vegetation Types



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

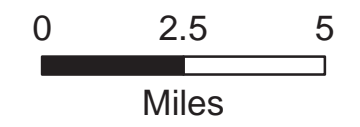
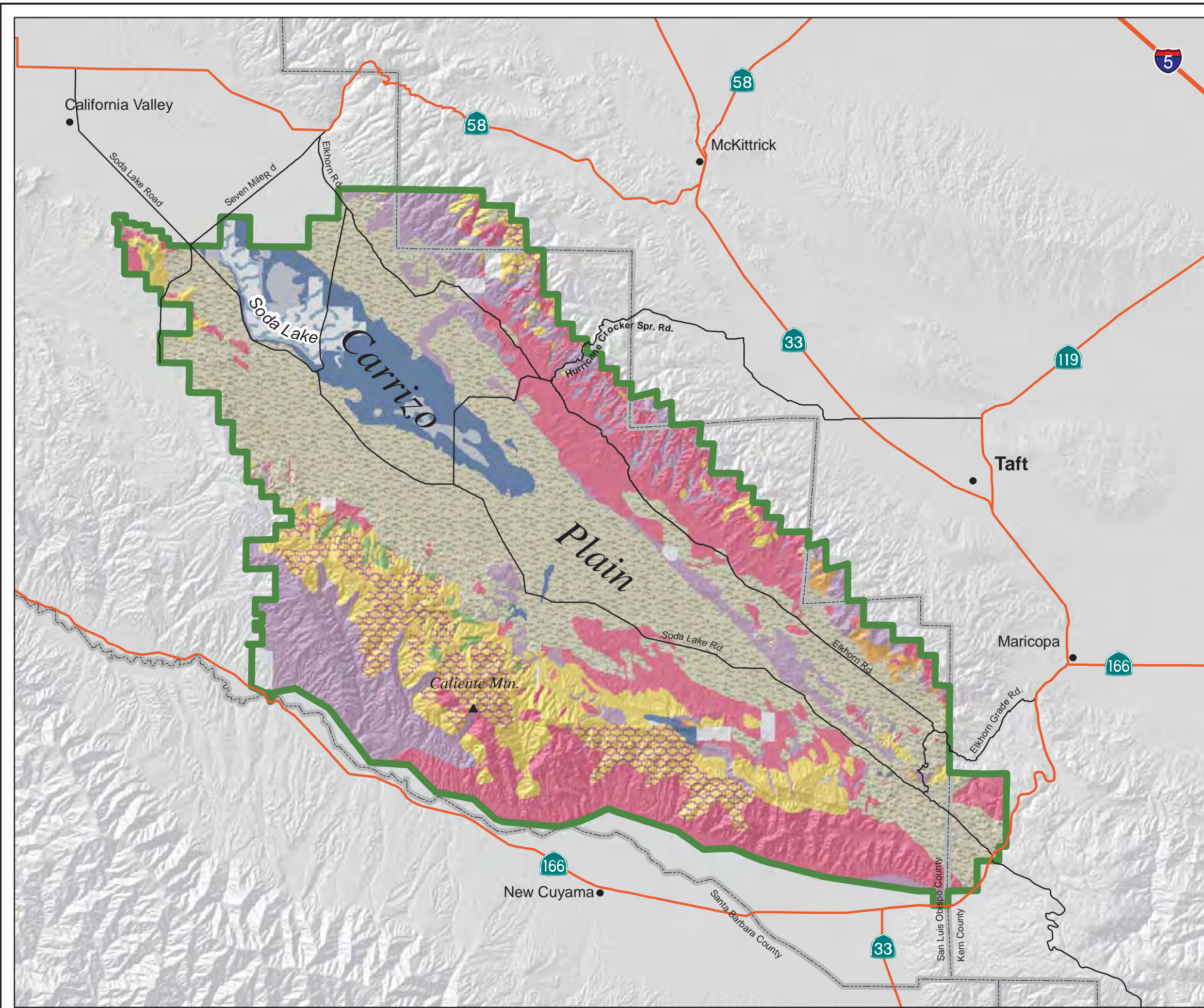
Legend

-  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

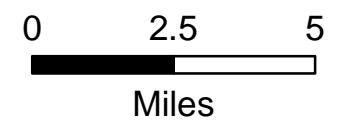
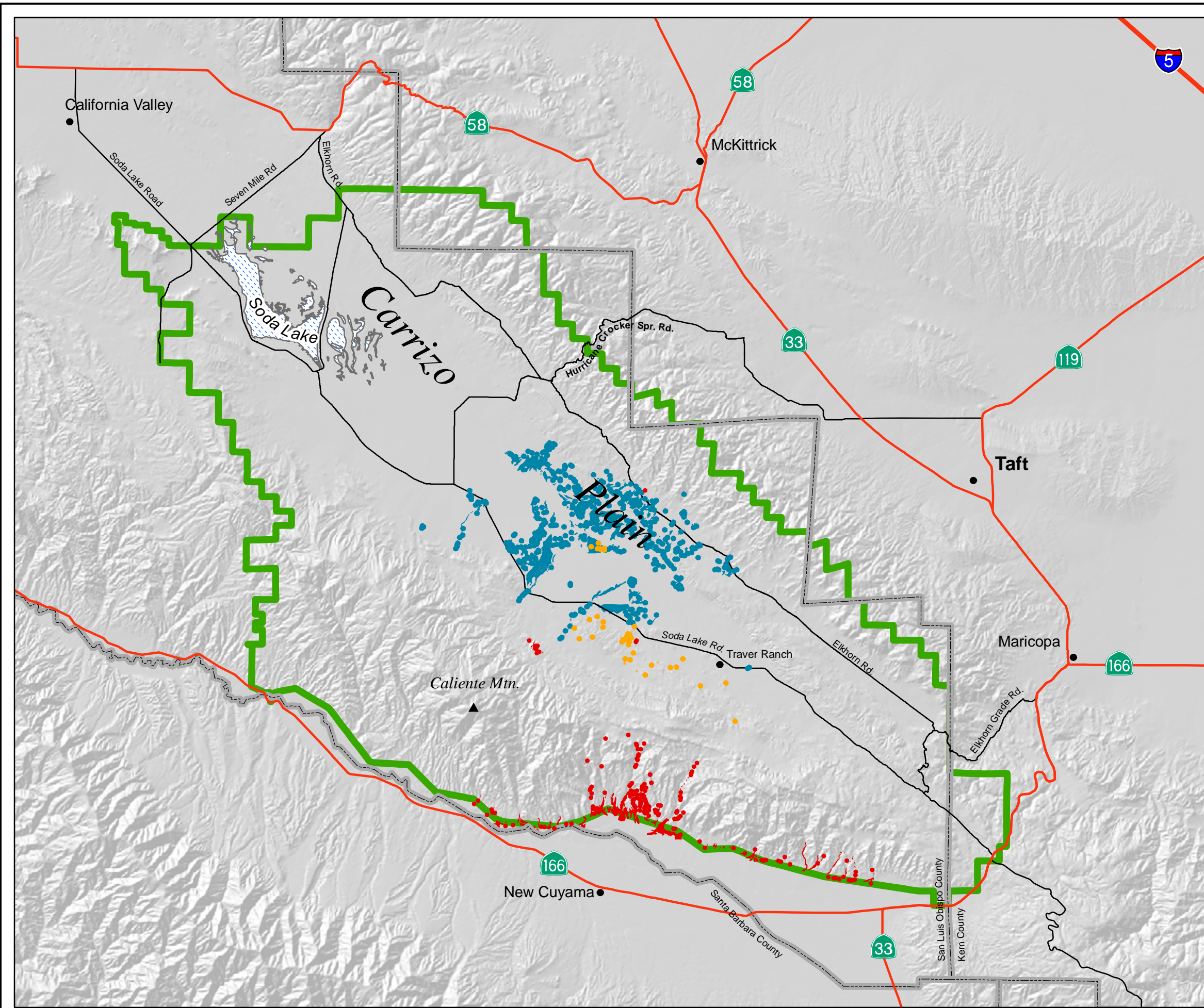
-  County Maintained Road
-  Carrizo Plain National Monument

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

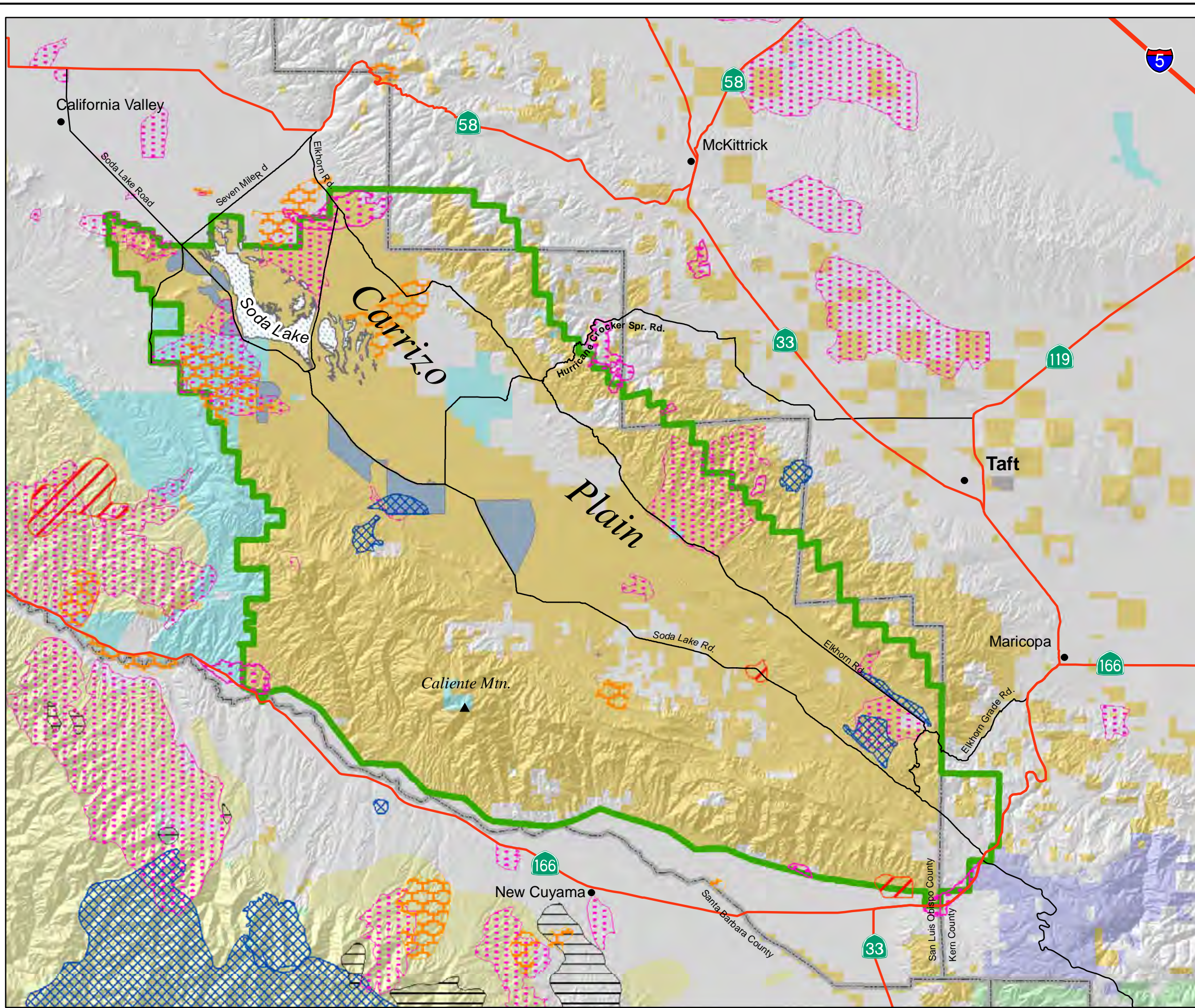
YEAR

- 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

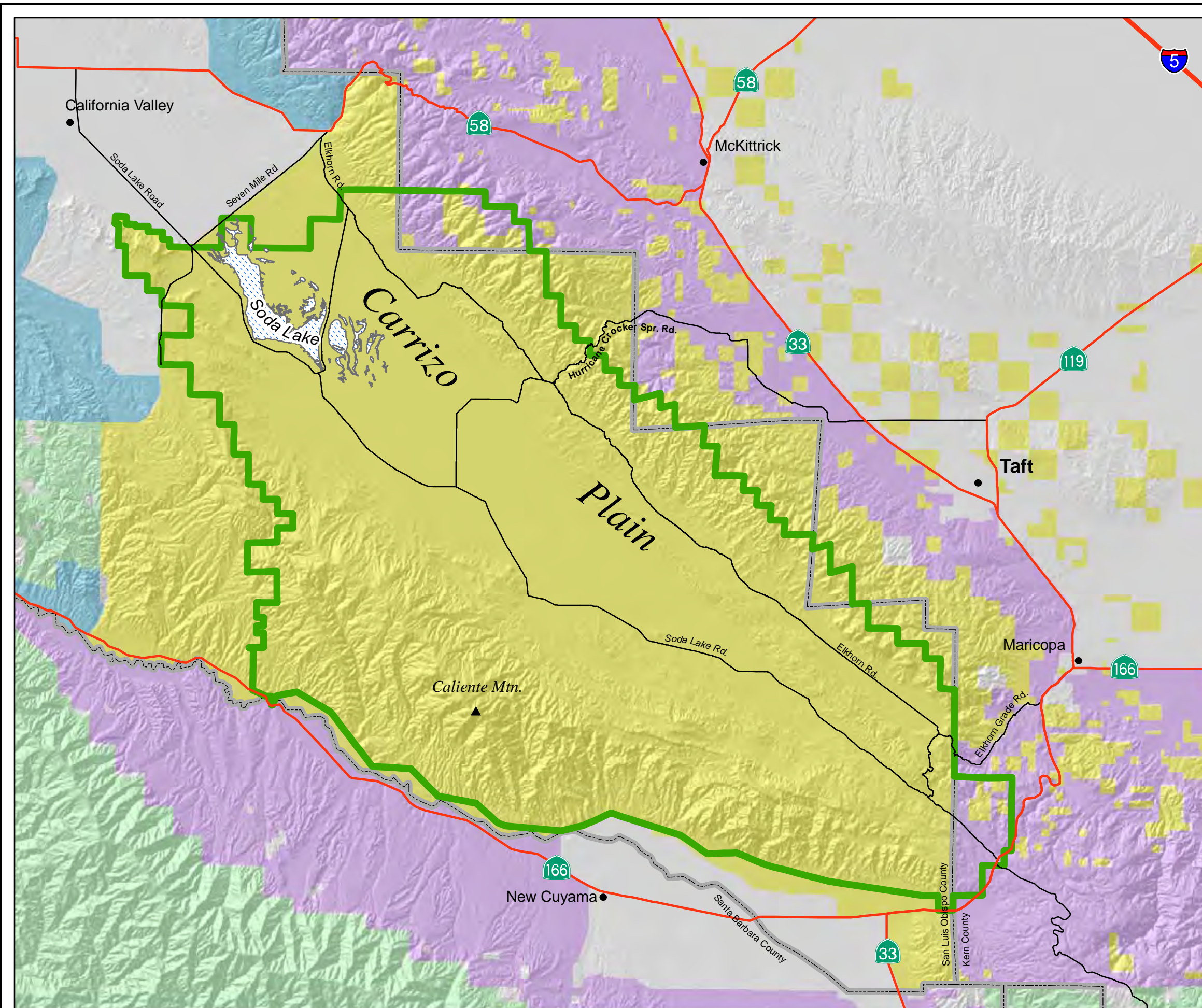
Bureau of Land Management
Bakersfield Field Office
Carrizo Plain National Monument
Resource Management Plan

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

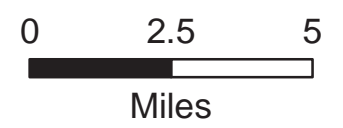
Alluvial Flats and Fans

-  3

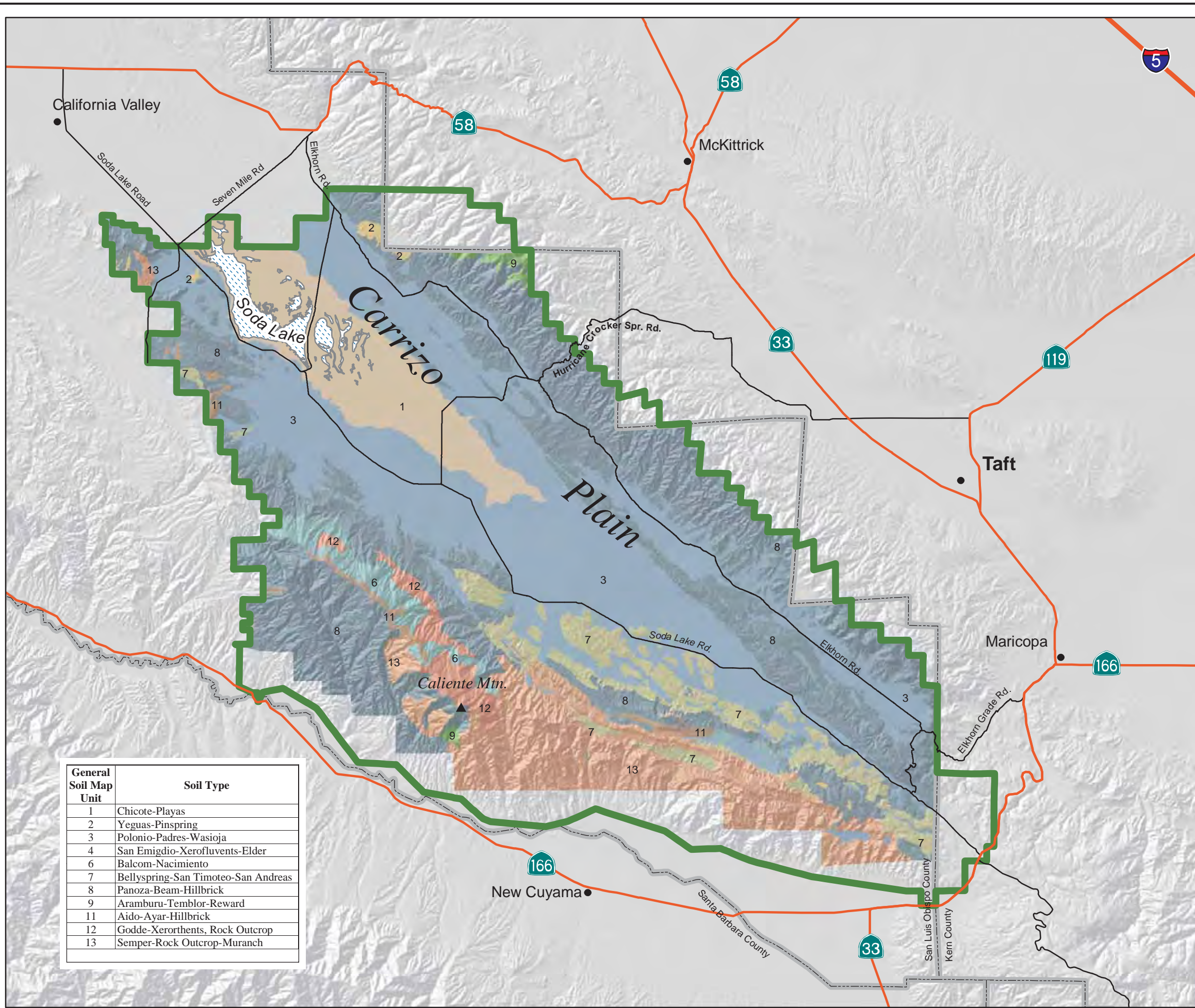
Hills and Mountains

-  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

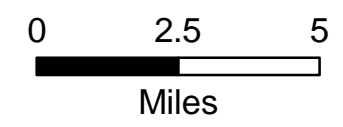
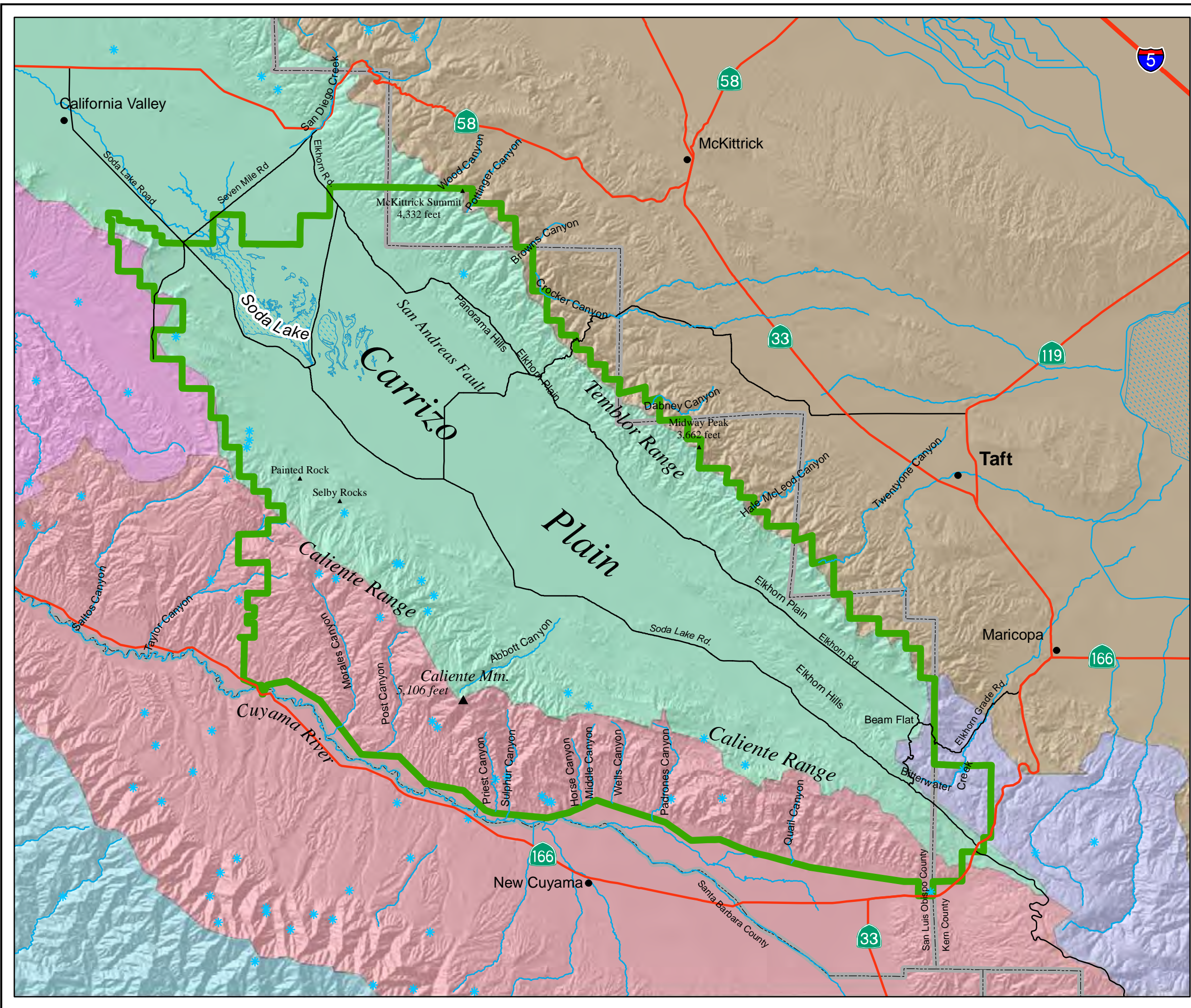
 Estrella

 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

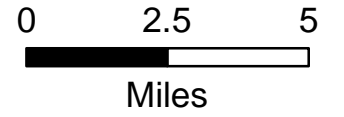
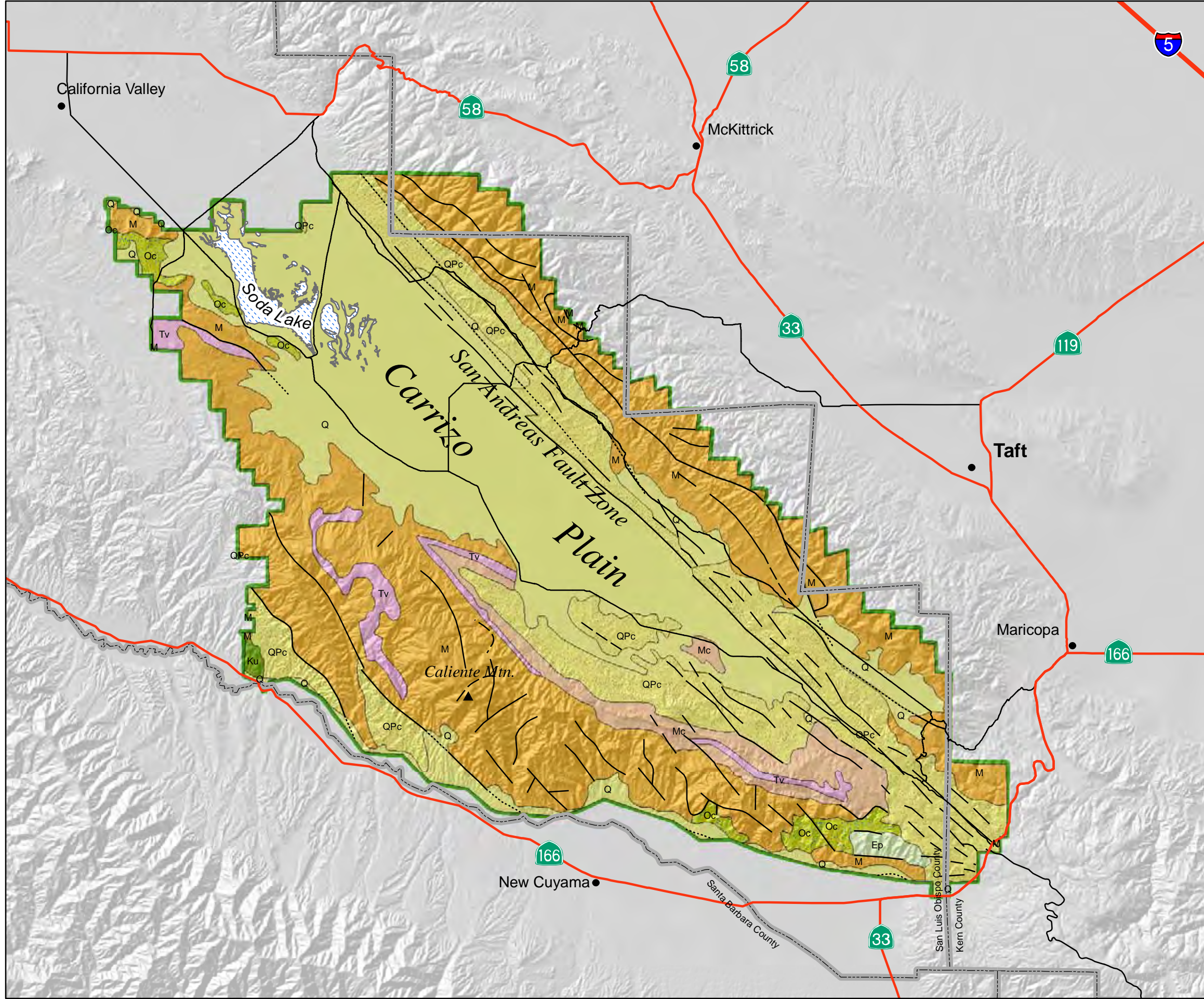
- County Maintained Road
- Carrizo Plain National Monument

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

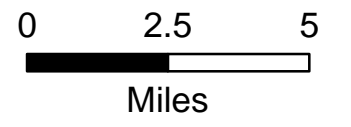
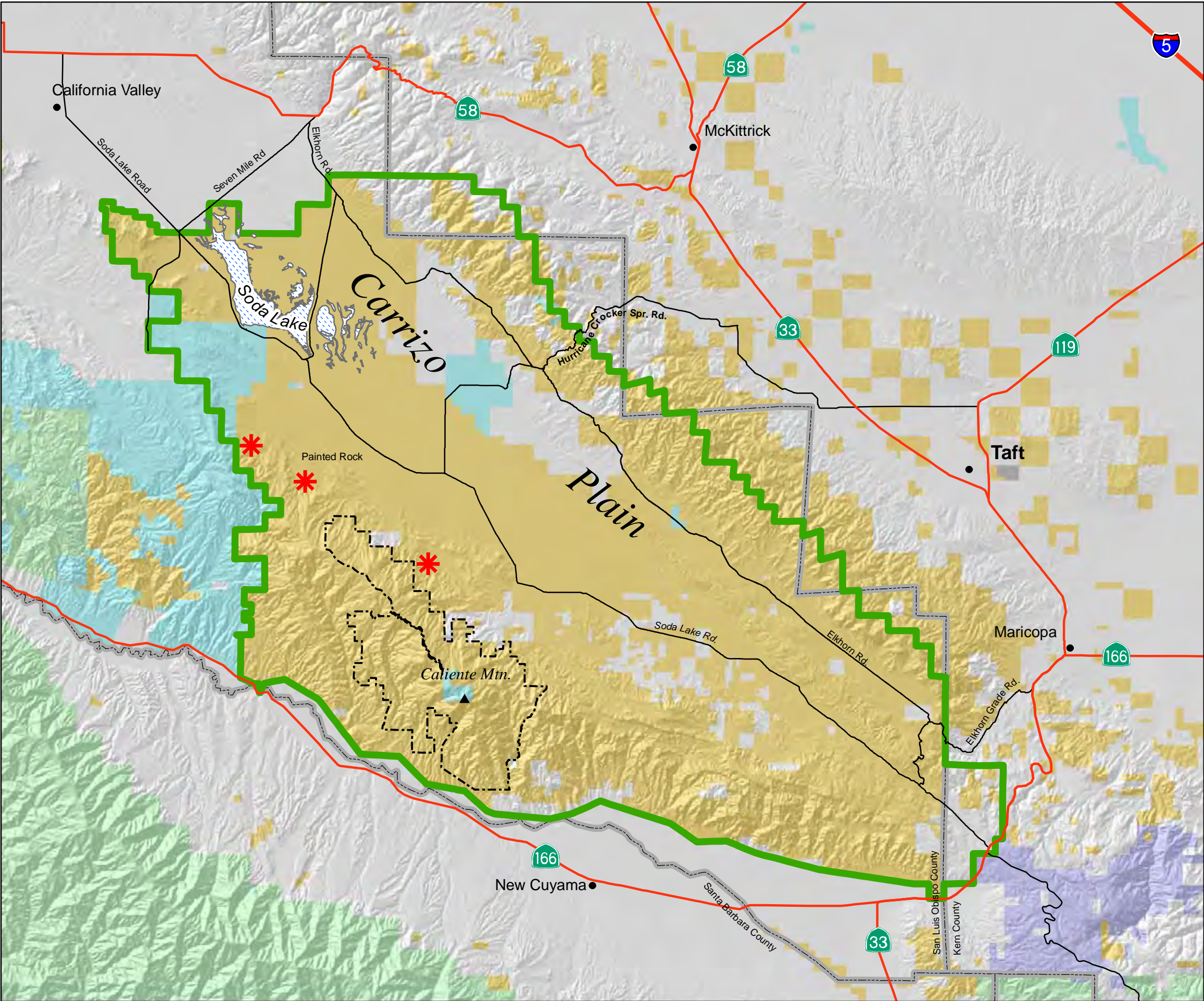
Bureau of Land Management
Bakersfield Field Office
Carrizo Plain National Monument
Resource Management Plan

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

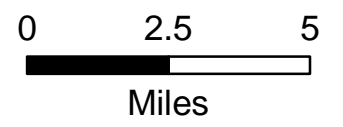
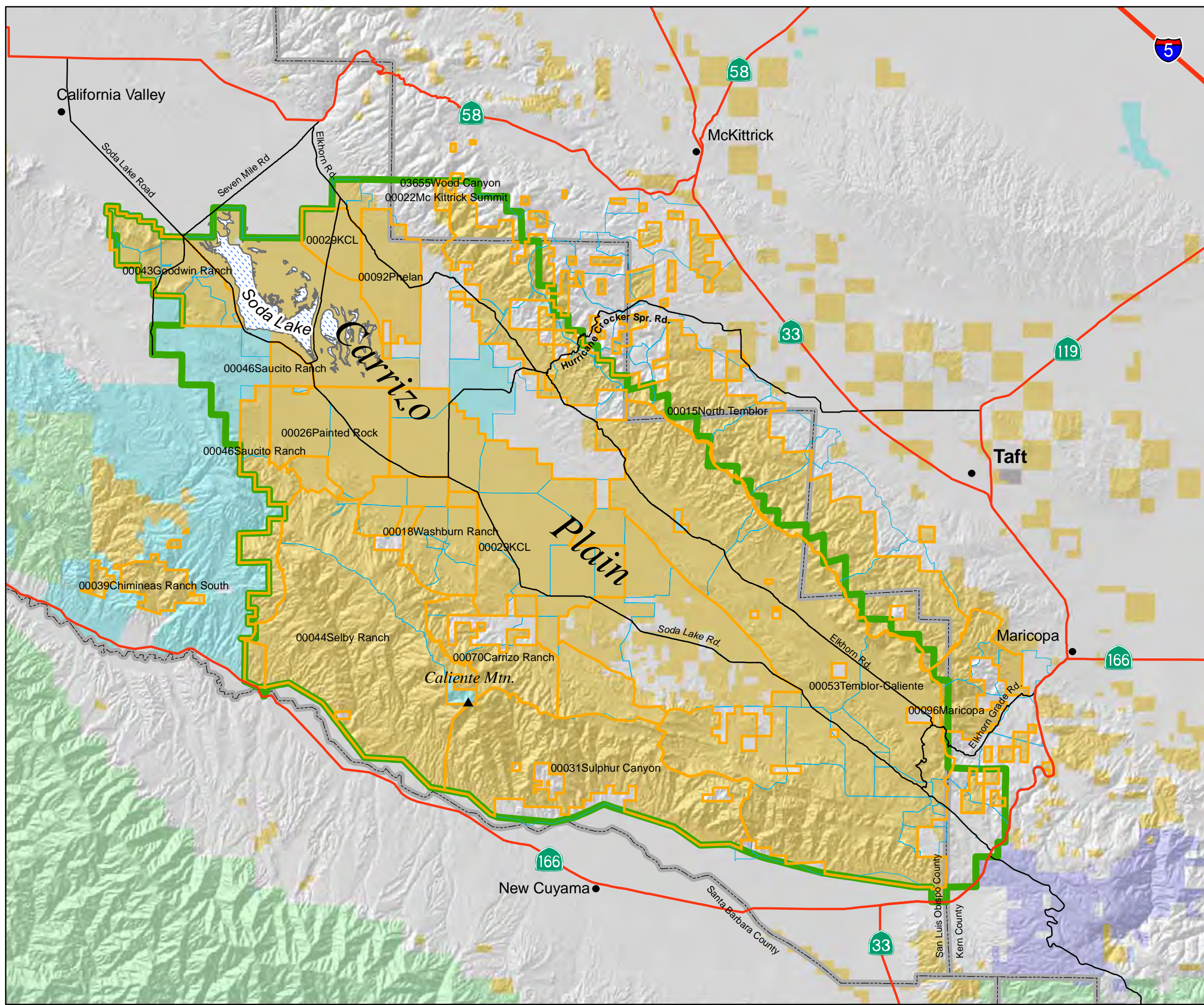


**Map 3-12
Grazing Allotments**

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



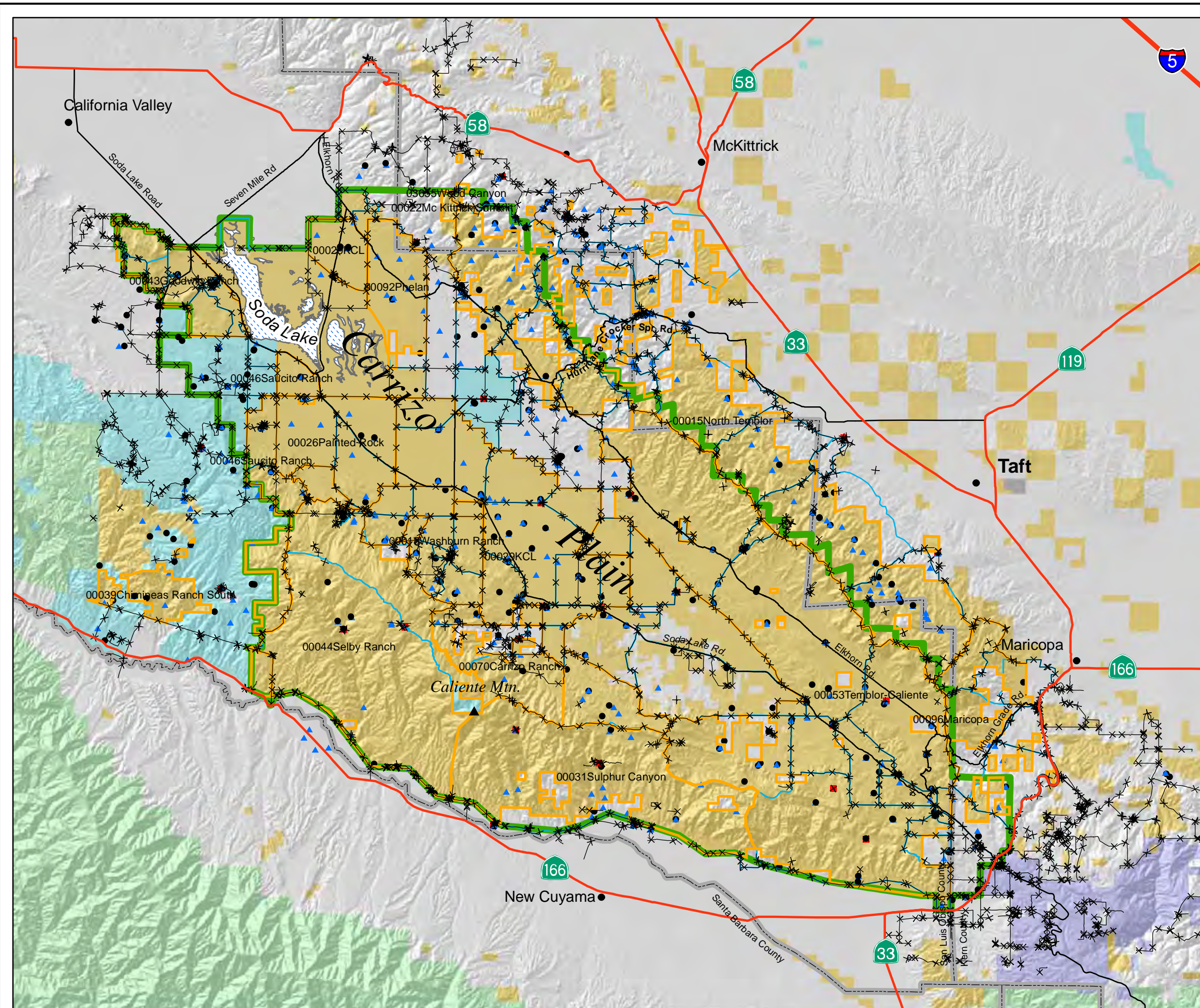
Map 3-13

Range Features

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

Legend







- County Maintained Road
- Carrizo Plain National Monument
- Fences
- Grazing Allotments
- Carrizo Pastures
- Range Feature**
 - Corral
 - Trough
 - Water Tank
- Bureau of Land Management
- Forest Service
- US Fish and Wildlife Service
- State Lands
- County / City / Regional Private/Other



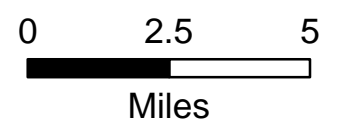
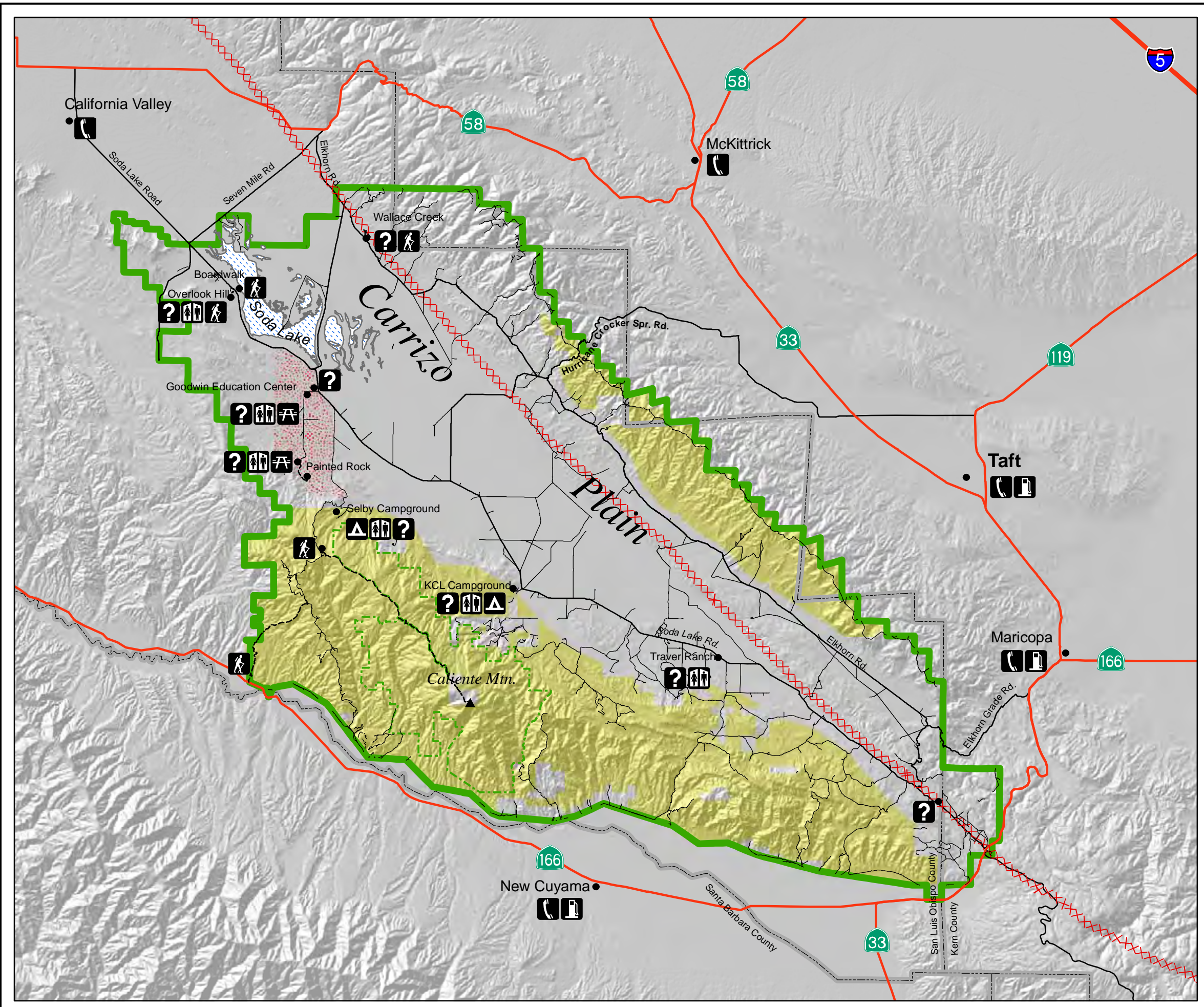
Map 3-14

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

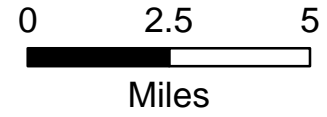
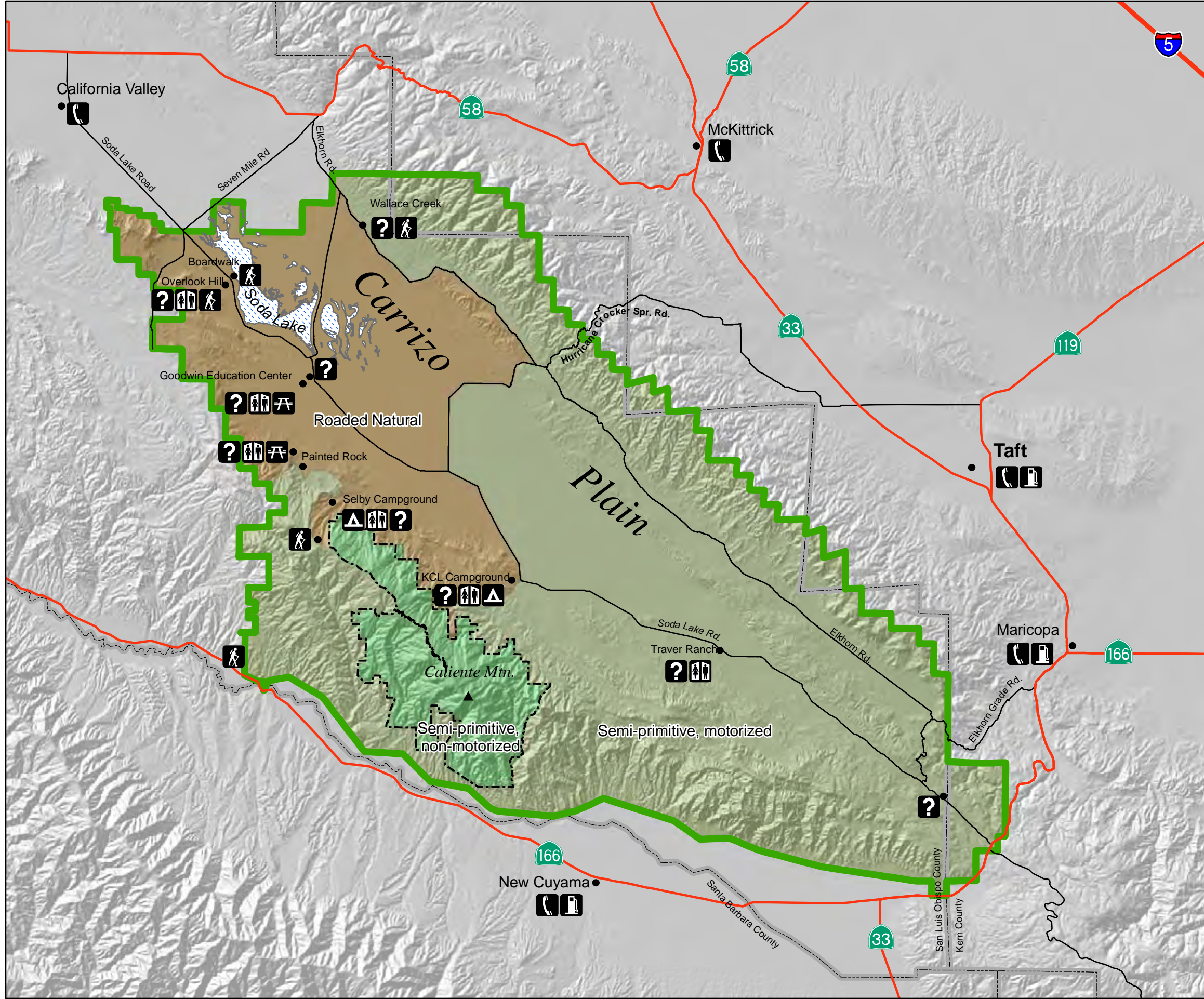
Recreation Opportunity Spectrum
Bureau of Land Management
Bakersfield Field Office
Carrizo Plain National Monument
Resource Management Plan

Legend

- County Maintained Road
- Carrizo Plain National Monument

Recreation Class

- Roaded Natural
- Semi-primitive, motorized
- Semi-primitive, non-motorized

















Map 3-16







Oil and Gas Wells within the Carrizo Plain National Monument

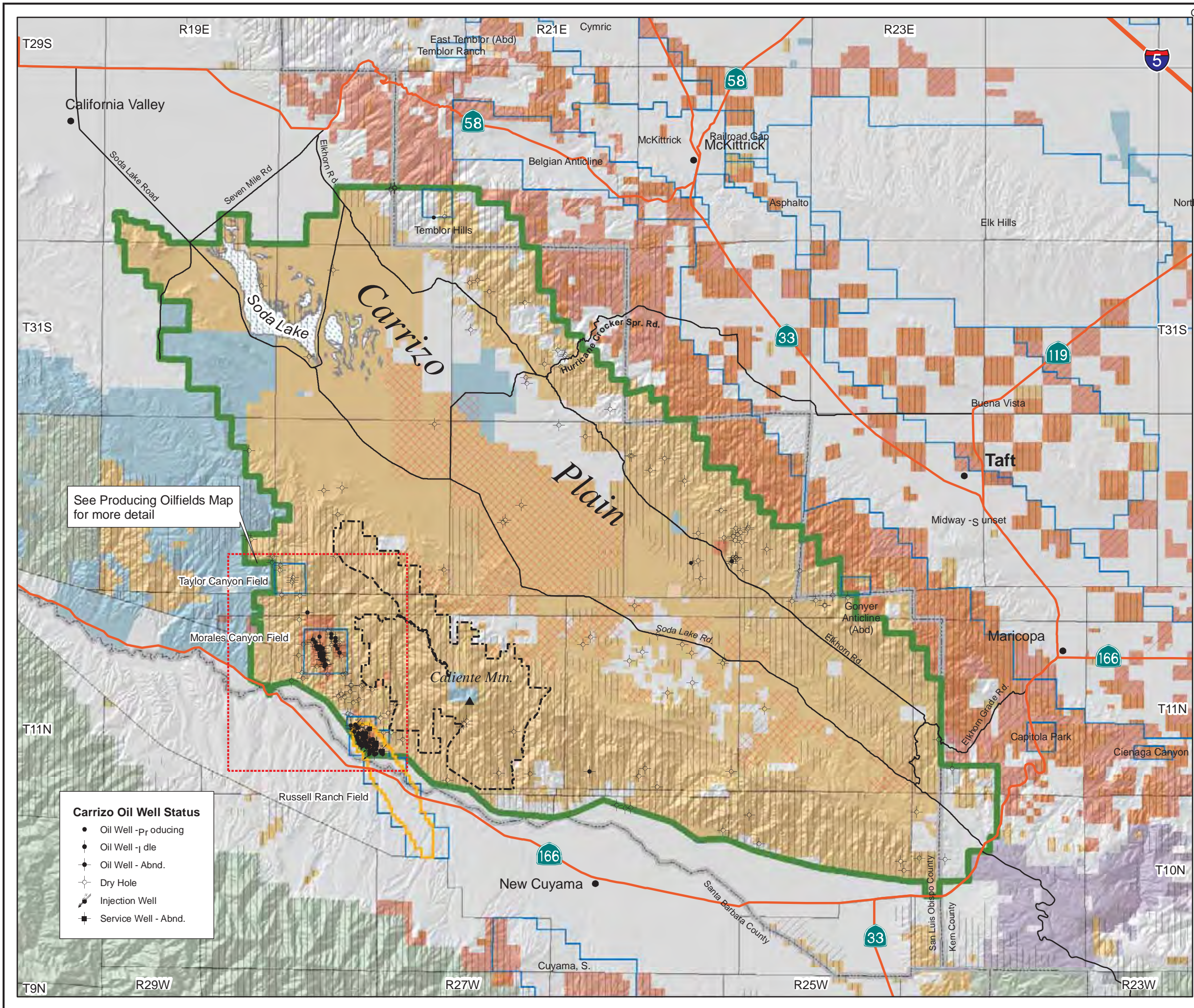
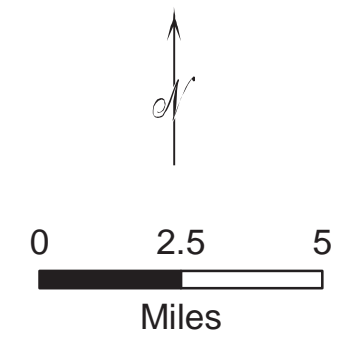
Bureau of Land Management
Bakersfield Field Office
Carrizo Plain National Monument
Resource Management Plan

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.













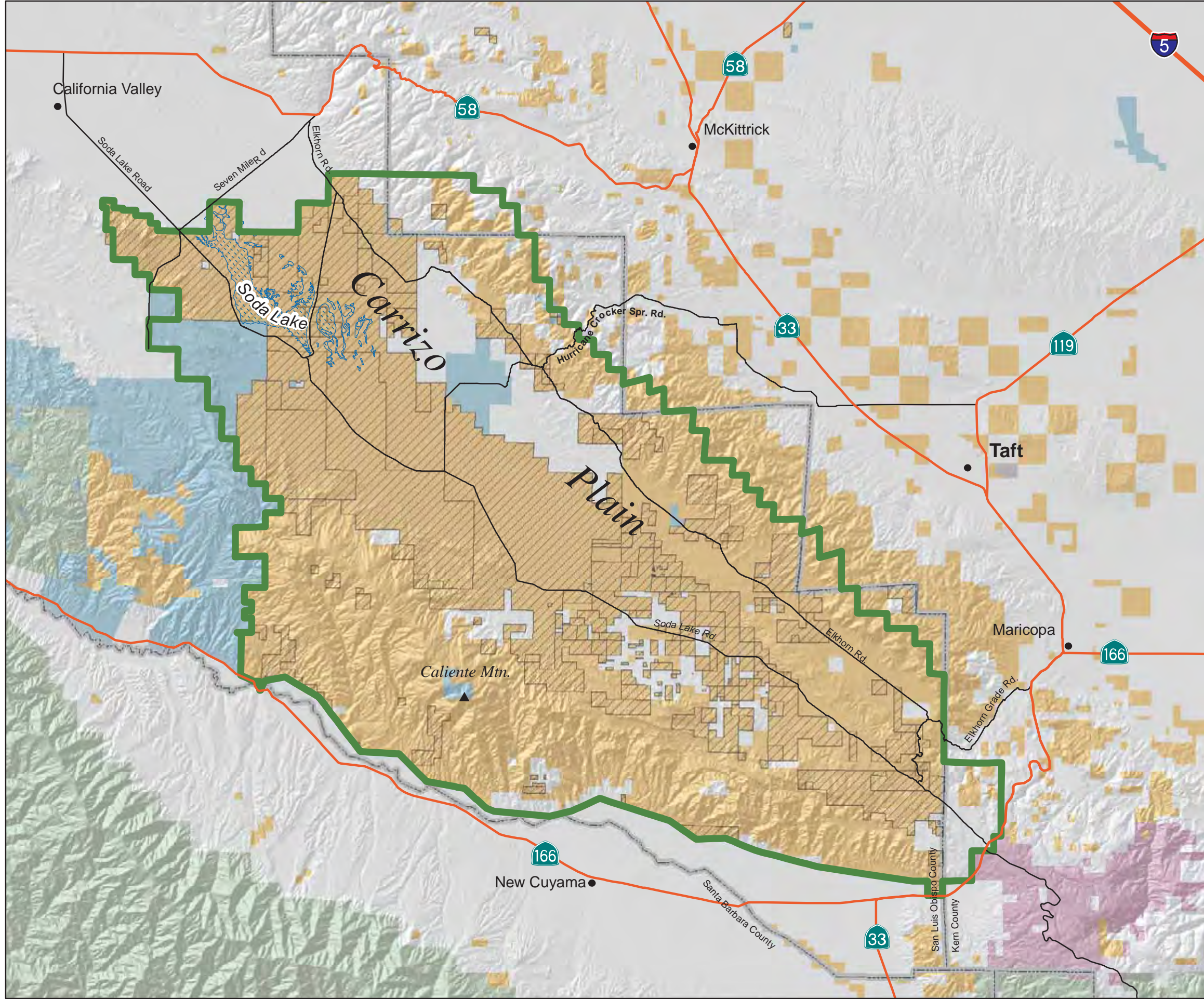
Map 3-18

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














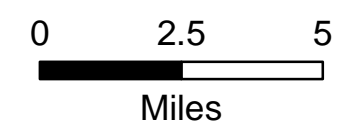
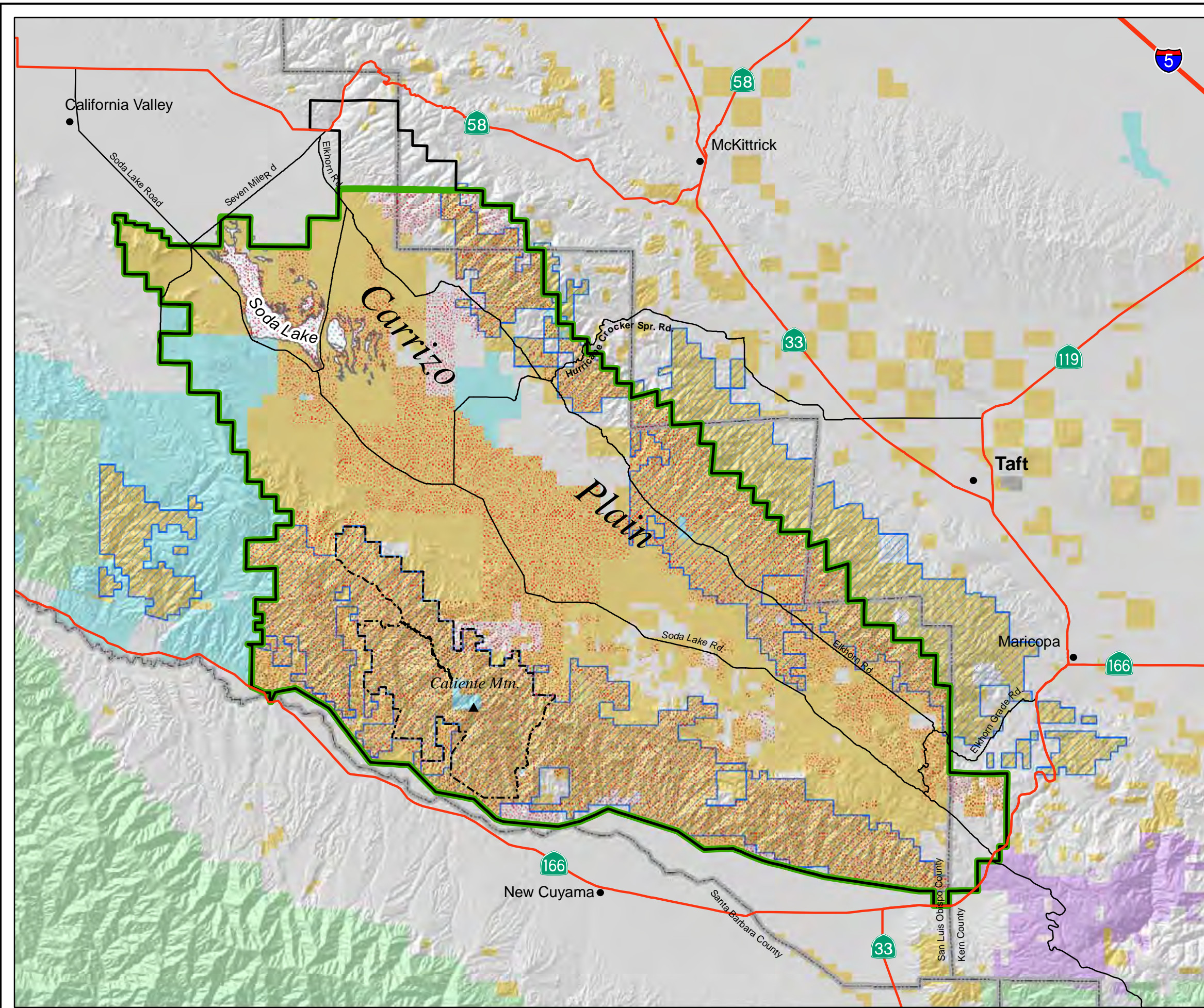
Map 3-19

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

