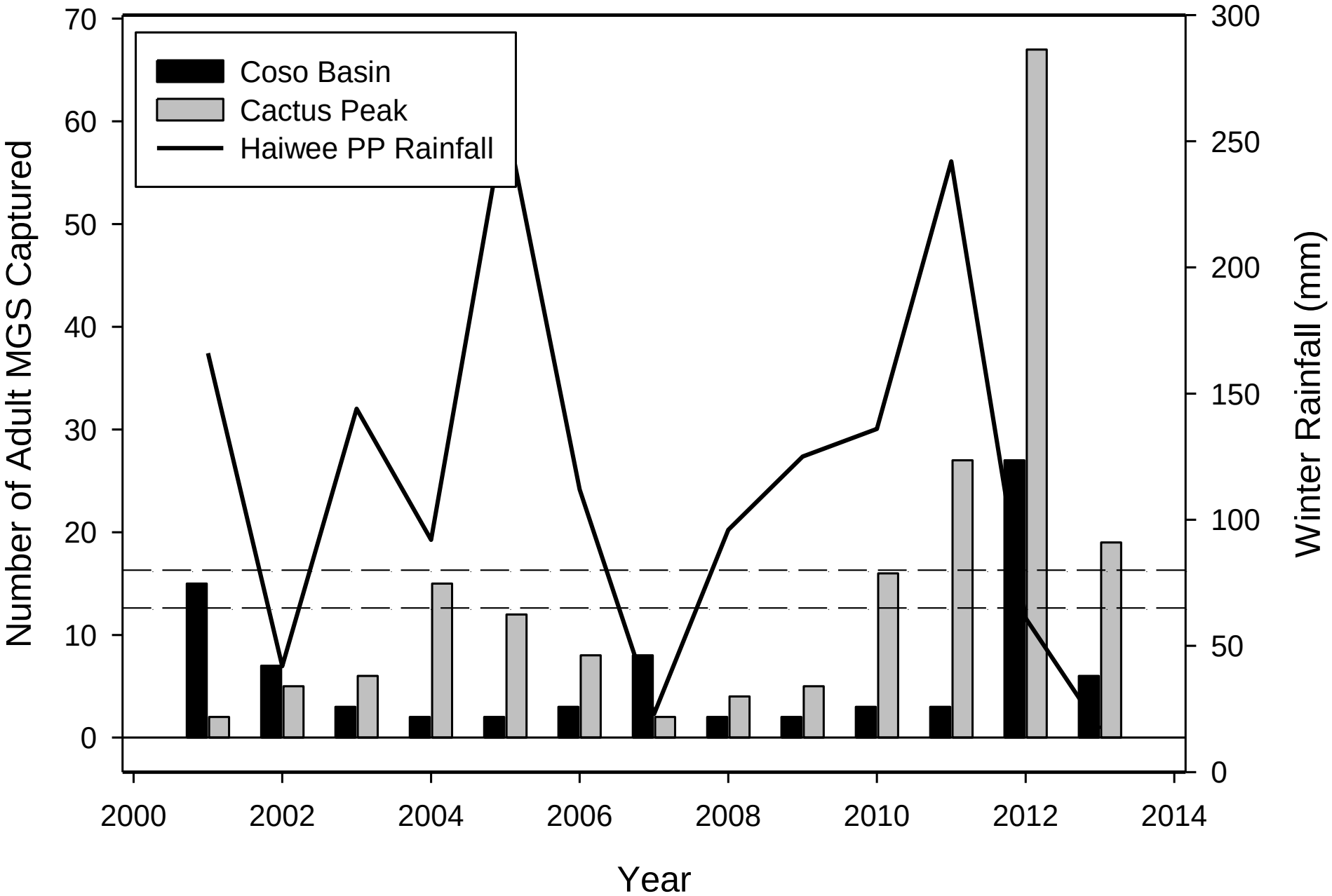
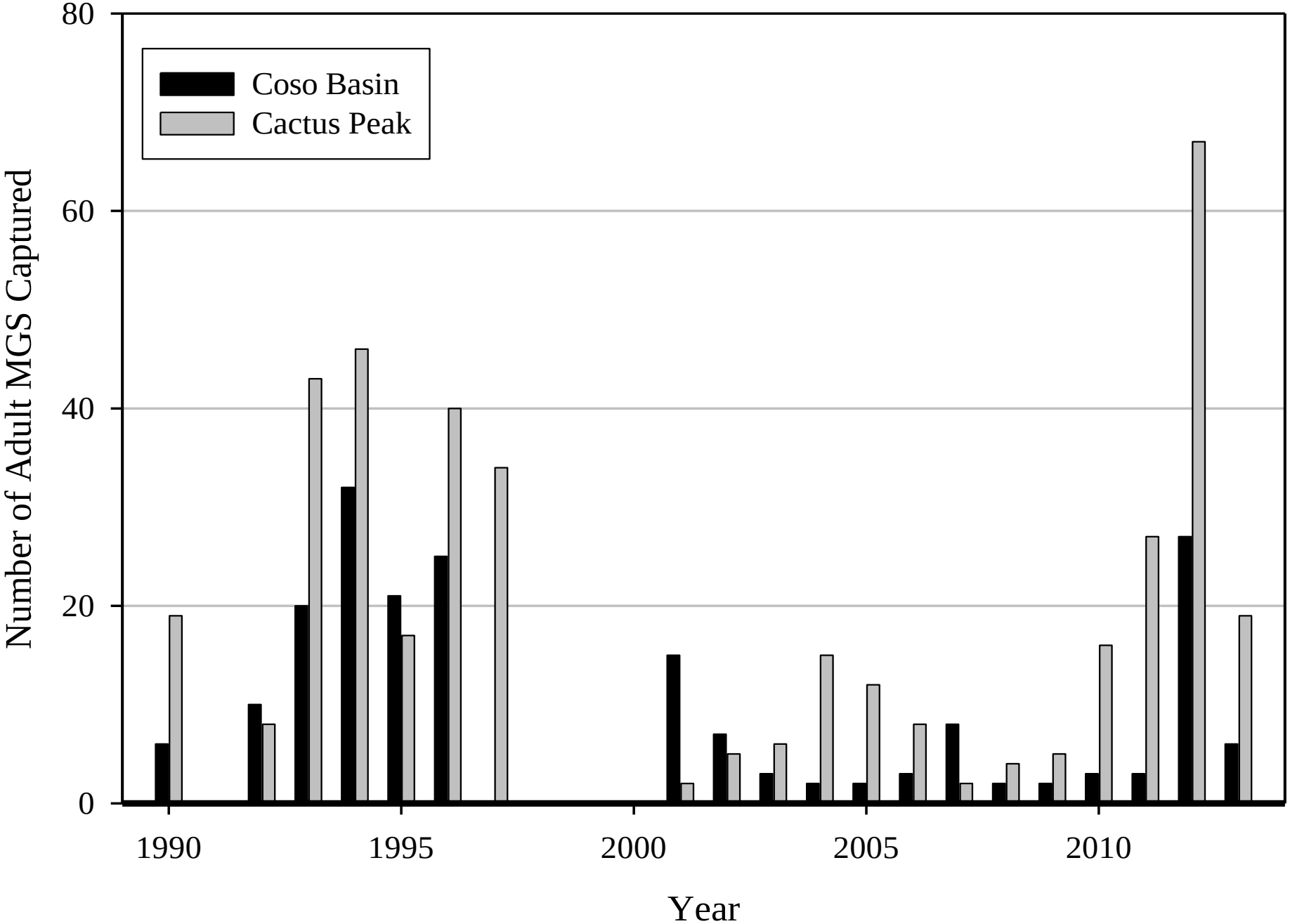
MGS Projects

2014

COSO MONITORING

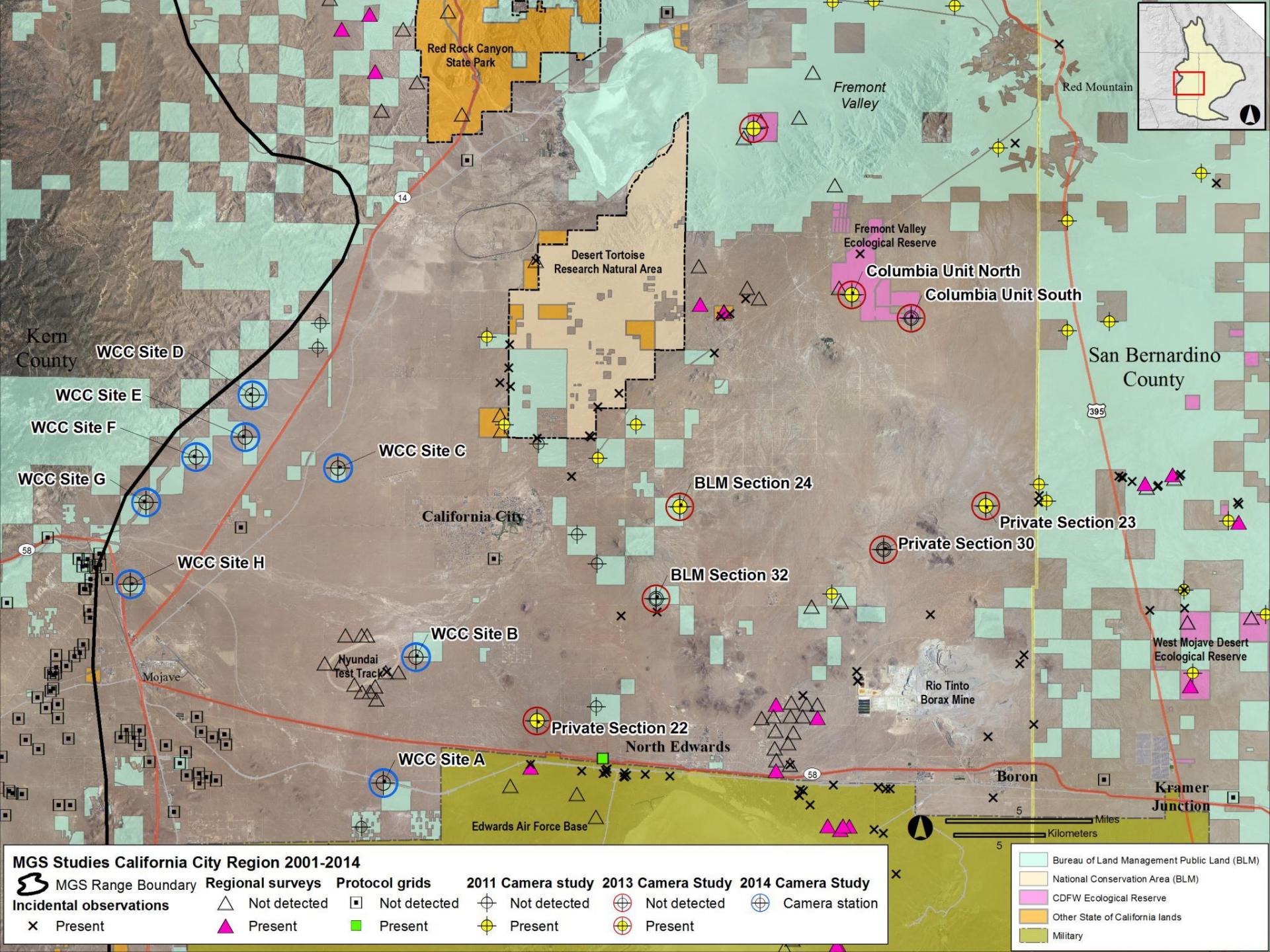
2014


Coso Basin
Cactus Peak
Haiwee PP Rainfall
Number of Adult MGS Captured
Winter Rainfall (mm)
Year
0
10
20
30
40
50
60
70
0
50
100
150
200
250
300
2000
2002
2004
2006
2008
2010
2012
2014


Coso Basin
Cactus Peak
Number of Adult MGS Captured
0
20
40
60
80
1990
1995
2000
2005
2010
Year

CAMERA TRAPPING

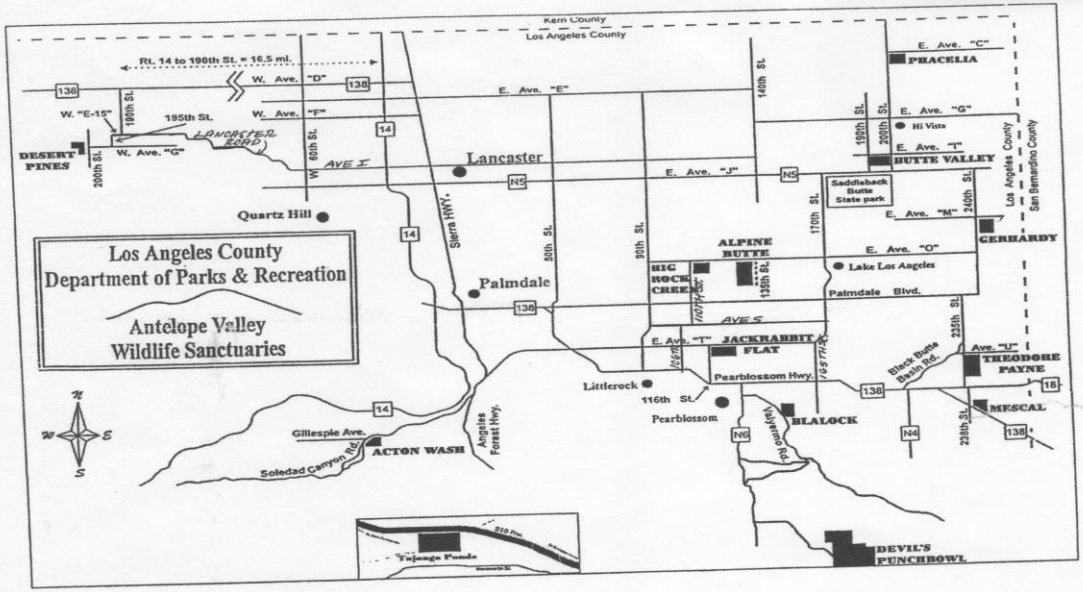
- Last year, 7 sites sampled east and south of California City
- This year, camera study planned west of Cal City toward Mojave
- Total of 8 sites on scattered BLM parcels
- Question: is this area suitable for renewable energy development?


Red Rock Canyon State Park
Fremont Valley
Red Mountain
Desert Tortoise Research Natural Area
Fremont Valley Ecological Reserve
Columbia Unit North
Columbia Unit South
Kern County
San Bernardino County
WCC Site D
WCC Site E
WCC Site F
WCC Site G
WCC Site C
WCC Site H
WCC Site B
WCC Site A
BLM Section 24
Private Section 23
Private Section 30
BLM Section 32
Private Section 22
California City
Mojave
Nyundai Test Track
Rio Tinto Borax Mine
West Mojave Desert Ecological Reserve
North Edwards
Boron
Kramer Junction
Edwards Air Force Base
14
58
395
5
Miles
Kilometers
MGS Studies California City Region 2001-2014
MGS Range Boundary
Incidental observations
Present
Regional surveys
Not detected
Present
Protocol grids
Not detected
Present
2011 Camera study
Not detected
Present
2013 Camera Study
Not detected
Present
2014 Camera Study
Camera station
Bureau of Land Management Public Land (BLM)
National Conservation Area (BLM)
CDFW Ecological Reserve
Other State of California lands
Military

VOLUNTEER TRAPPING

- Desert portion of LA County is another blank spot on MGS map
- No MGS records since 1991 (x-EAFB)
- Mostly private land but state and county parklands could be surveyed
- Ed LaRue has obtained permits to trap 6 LA County parks
- BUT is 2014 a good year to survey?

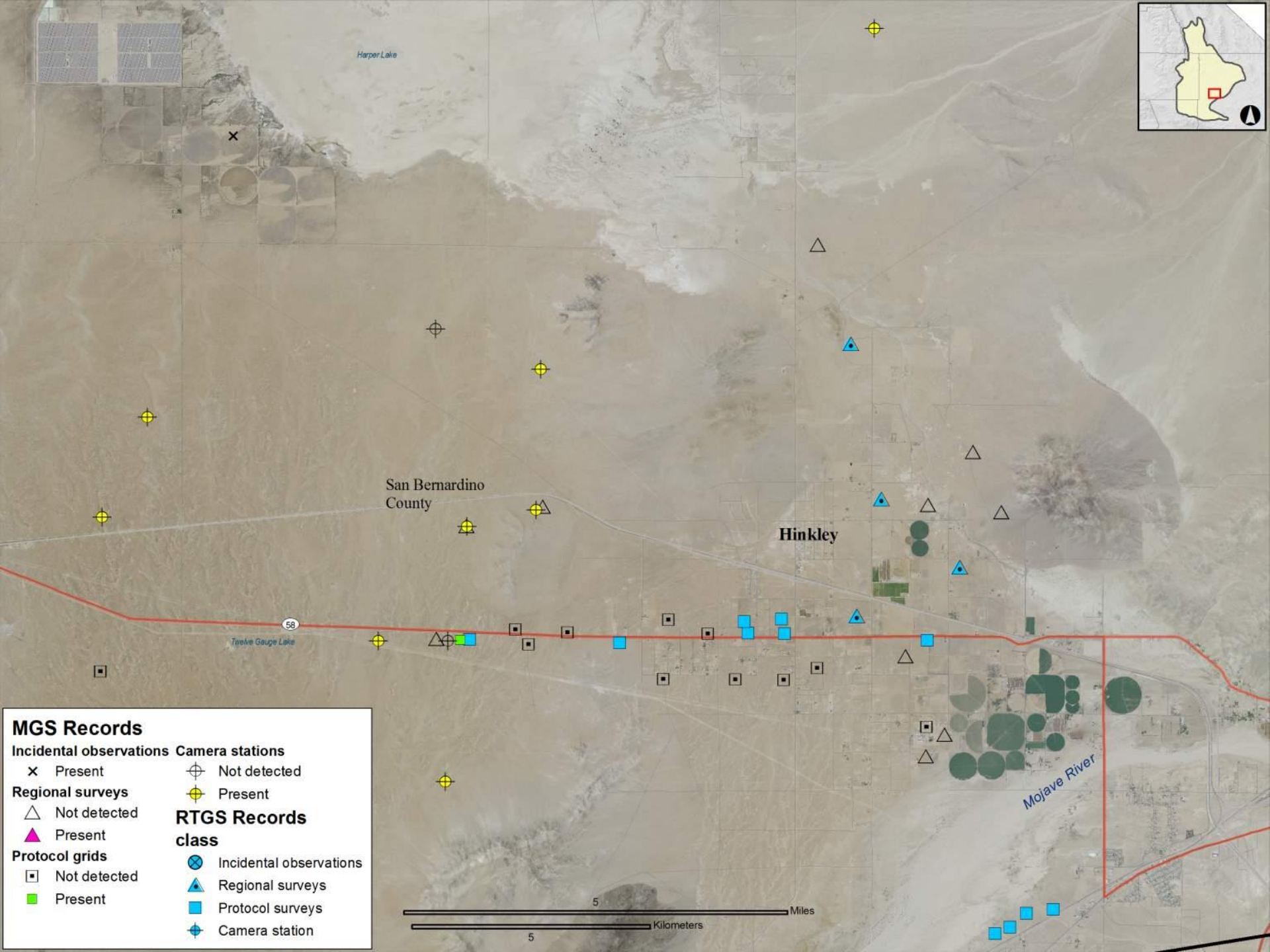
661-803-1546

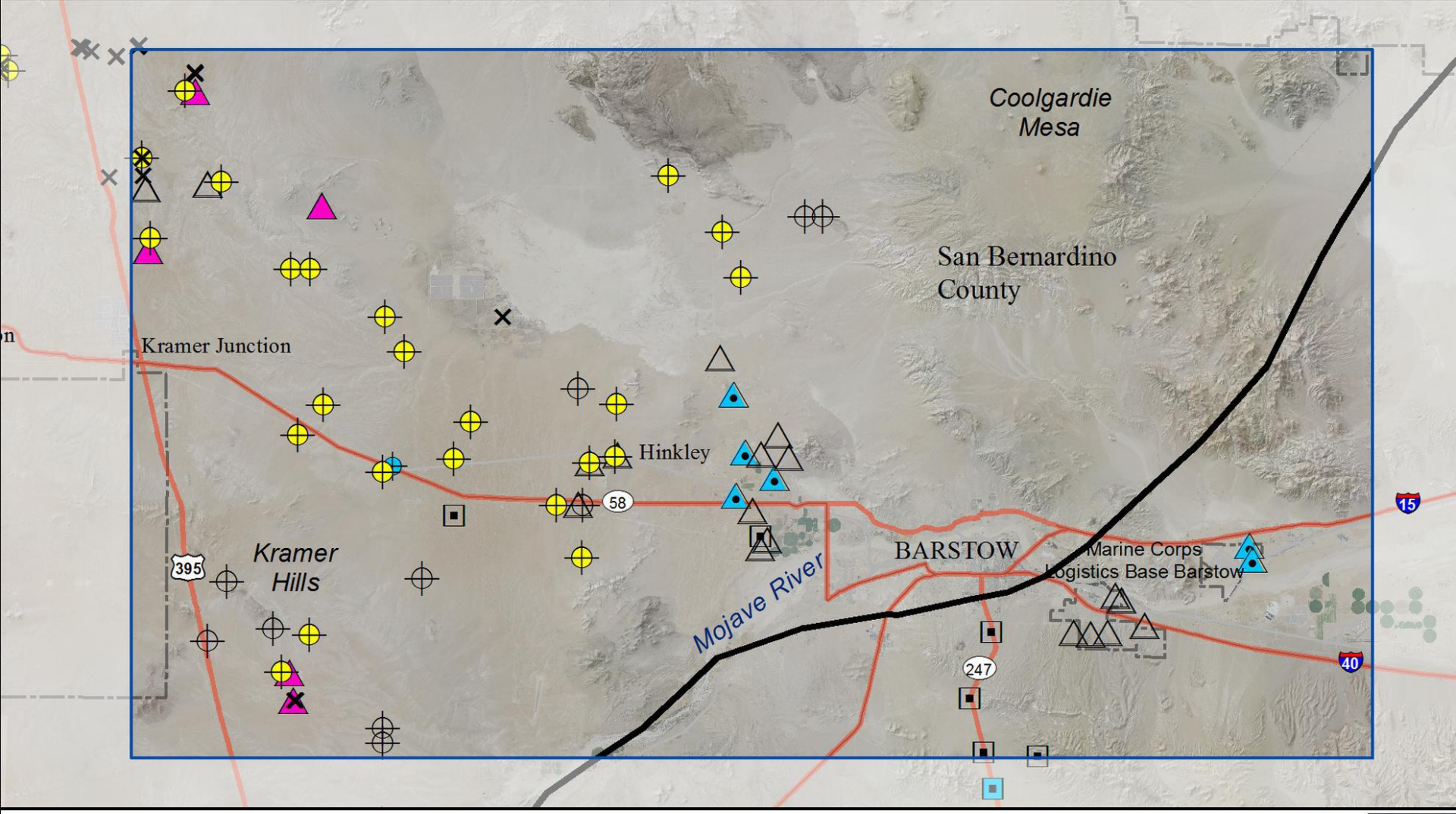


Los Angeles County
Department of Parks & Recreation
Antelope Valley
Wildlife Sanctuaries
Kern County
Los Angeles County
Rt. 14 to 190th St. = 16.5 mi.
W. Ave. "D"
W. Ave. "F"
W. Ave. "G"
W. "E-15"
195th St.
LANCASTER ROAD
DESERT PINES
200th St.
190th St.
W. 60th St.
AVE I
Lancaster
Quartz Hill
Palmdale
Sierra HWY.
50th St.
90th St.
E. Ave. "E"
E. Ave. "J"
140th St.
190th St.
200th St.
E. Ave. "C"
PHACELIA
E. Ave. "G"
Hi Vista
E. Ave. "I"
BUTTE VALLEY
Saddleback Butte State park
170th St.
240th St.
E. Ave. "M"
GERHARDY
Los Angeles County
San Bernardino County
ALPINE BUTTE
E. Ave. "O"
Lake Los Angeles
Palmdale Blvd.
HIG ROCK CREEK
110TH ST.
135th St.
AVE S
E. Ave. "T"
JACKRABBIT FLAT
Pearblossom Hwy.
165TH ST.
235th St.
Black Butte Basin Rd.
Ave. "U"
THEODORE PAYNE
MESCAL
238th St.
Littlerock
116th St.
Pearblossom
BLALOCK
Valyermo Rd.
Gillespie Ave.
Soledad Canyon Rd.
ACTON WASH
Angeles Forest Hwy.
DEVIL'S PUNCHBOWL
Tujunga Ponds
210 Fwy.

ANOTHER VOLUNTEER POSSIBILITY

- Careful checking of photos from 2012 camera study came up with a surprise
- Camera site about 8 mi E of Kramer Junction had both MGS and RTGS
- This was 7.5 mi W of previous RTGS record in 2007
- Are RTGS moving west at the expense of MGS?


Harper Lake
San Bernardino County
Hinkley
58
Twelve Gauge Lake
Mojave River
MGS Records
Incidental observations
Present
Regional surveys
Not detected
Present
Protocol grids
Not detected
Present
Camera stations
Not detected
Present
RTGS Records
class
Incidental observations
Regional surveys
Protocol surveys
Camera station
5
Miles
Kilometers
5



MGS Records

MGS Range

× Incidental observations

Regional surveys

△ Not detected

▲ Present

Protocol grids

▣ Not detected

■ Present

Camera stations

⊕ Not detected

⊕ Present

5 Miles

5 Kilometers

RTGS Records

⊗ Incidental observations

Regional surveys

■ Protocol surveys

Camera station

2012-04-27 1:07:46 PM M 4/5
90°F
PC800 HYPERFIRE PRO
RECONYX

2012-04-27 11:27:06 AM M 2/5
91°F
HC500 HYPERFIRE
RECONYX

2012-04-25 10:36:58 AM M 5/5
95°F
PC800 HYPERFIRE PRO
RECONYX

2012-04-25 11:22:00 AM M 1/5
86°F
PC800 HYPERFIRE PRO
RECONYX