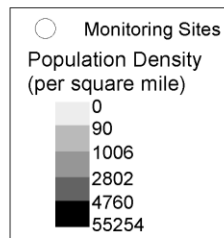
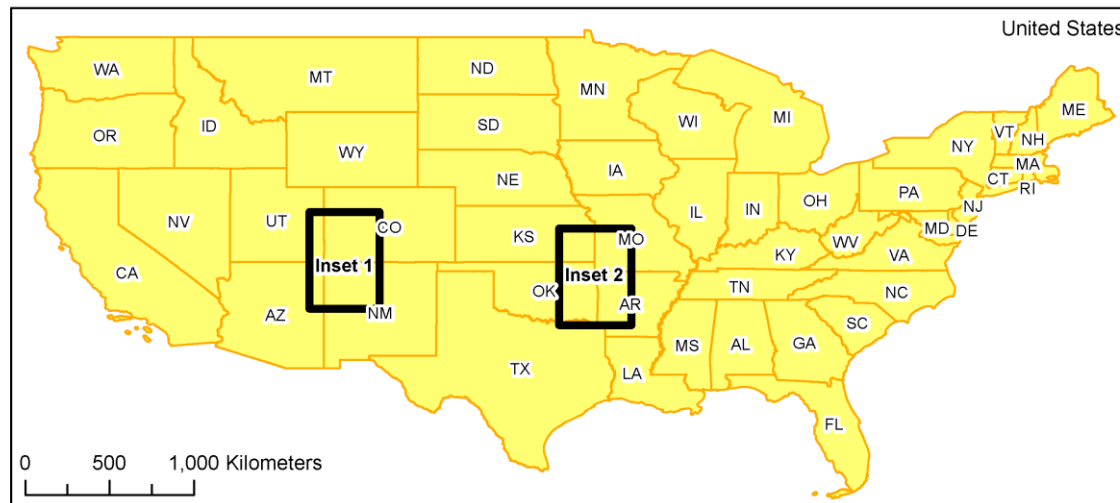
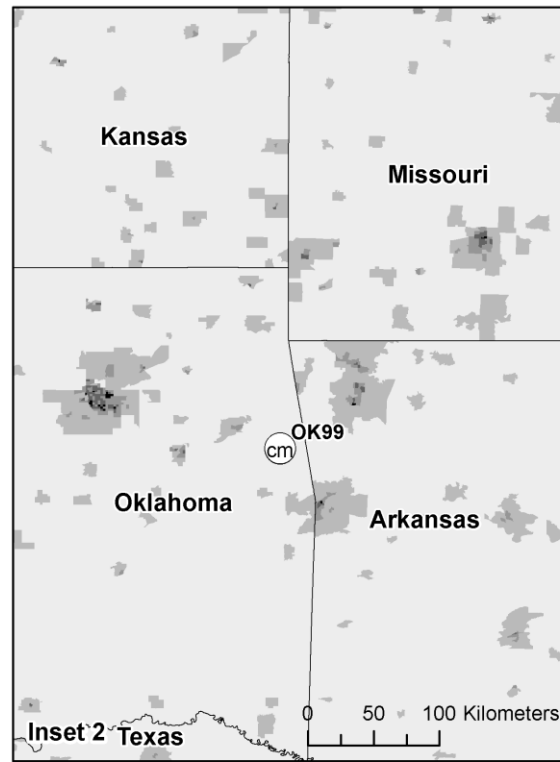
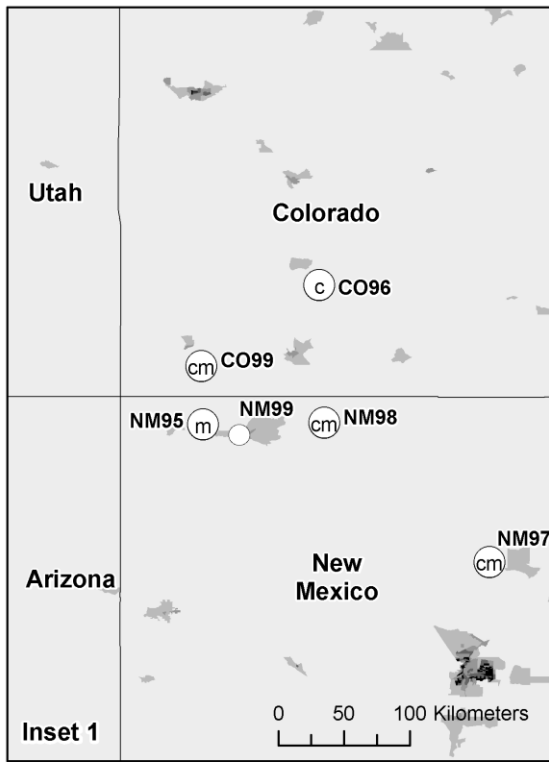


# Gaseous Oxidized Mercury Dry Deposition Measurements in the Four Corners Area

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Air Monitoring & Grants Section  
Dallas, Texas

Presented at the Four Corners Air Quality Group Meeting  
September 13, 2017



c - Collocated dry and wet mercury measurements  
m - meteorological measurements



Source: AQS, US EPA,  
2010 US Census Bureau

EPA Region 6  
GIS M2P2 Division  
February 13, 2013  
20130213DEG



# Substation (NMED – Kara Lopez, Roman Szkoda, Adam Keaster)



# Farmington Airport - NMED



# Navajo Lake - NMED



# Molas Pass (USFS – Bob Brantlinger and Kelly Palmer)



Mesa Verde (NPS – Paul Bohmann and George San Miguel)





# Valles Caldera (NPS – Scott Compton and Robert Parmenter)



# Purpose of Study

- To compare follow-up GOM dry deposition measurements in the Four Corners Area from August, 2017-August, 2019 to previous baseline measurements taken from August, 2009-August, 2011
- Significant actions over past 8 years:
  - December 31, 2013 – permanent shutdown of 3 units at Four Corners Power Plant
  - April, 2016 – national compliance date for all major coal fired power plants to have installed at least 90% mercury control required by national Mercury and Air Toxics Standards (MATS)
- Measurement data from this study will be useful in assessing effectiveness of these actions
- Team: EPA Region 6 (Mark Sather), EPA Region 8 (Ethan Brown), EPA ORD (Shaibal Mukerjee), NMED, USFS, NPS
- EPA Contractor – Alion (Luther Smith); Subcontractor – Eurofins Frontier Global Sciences (Bob Brunette)