

## State of Utah – Current Modeling and Regulatory Issues

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- Wasatch Front Exceptional Events Analysis
  - High wind, PM<sub>10</sub> and PM<sub>2.5</sub> – usually during the Spring
  - Transport of smoke from wildfires, Ozone and PM<sub>2.5</sub> – Summer and Fall

[http://www.airquality.utah.gov/Public-Interest/Public-Comment-Hearings/Exceptional\\_Events/eedocuments.htm](http://www.airquality.utah.gov/Public-Interest/Public-Comment-Hearings/Exceptional_Events/eedocuments.htm)

- PM<sub>2.5</sub> non-attainment areas
  - Cache County, Utah and Franklin County, Idaho has been submitted to EPA
  - Wasatch Front ( 2 non-attainment areas) submittal scheduled for 12/2013

<http://www.airquality.utah.gov/Public-Interest/Current-Issues/pm2.5/index.html>

- Uintah Basin, northeast Utah – high wintertime ozone in the oil and gas producing region

<http://www.deq.utah.gov/locations/uintahbasin/index.htm>

- Photochemical, meteorological, and emissions modeling
  - Member of the 3-State Cooperators group
  - Collaboration with University of Utah Atmospheric Science Department on winter-specific meteorological modeling for the Uintah Basin
  - Work with WRAP/3-State Project, EPA Region 8, and Ute Tribe to create refined and updated oil and gas inventory for Duchesne and Uintah counties
  - Work with UDOT, Duchesne, and Uintah counties to update on-road and non-road mobile inventories for the Basin
  - Create January, 2011 episode-specific CMAQ modeling for the Basin

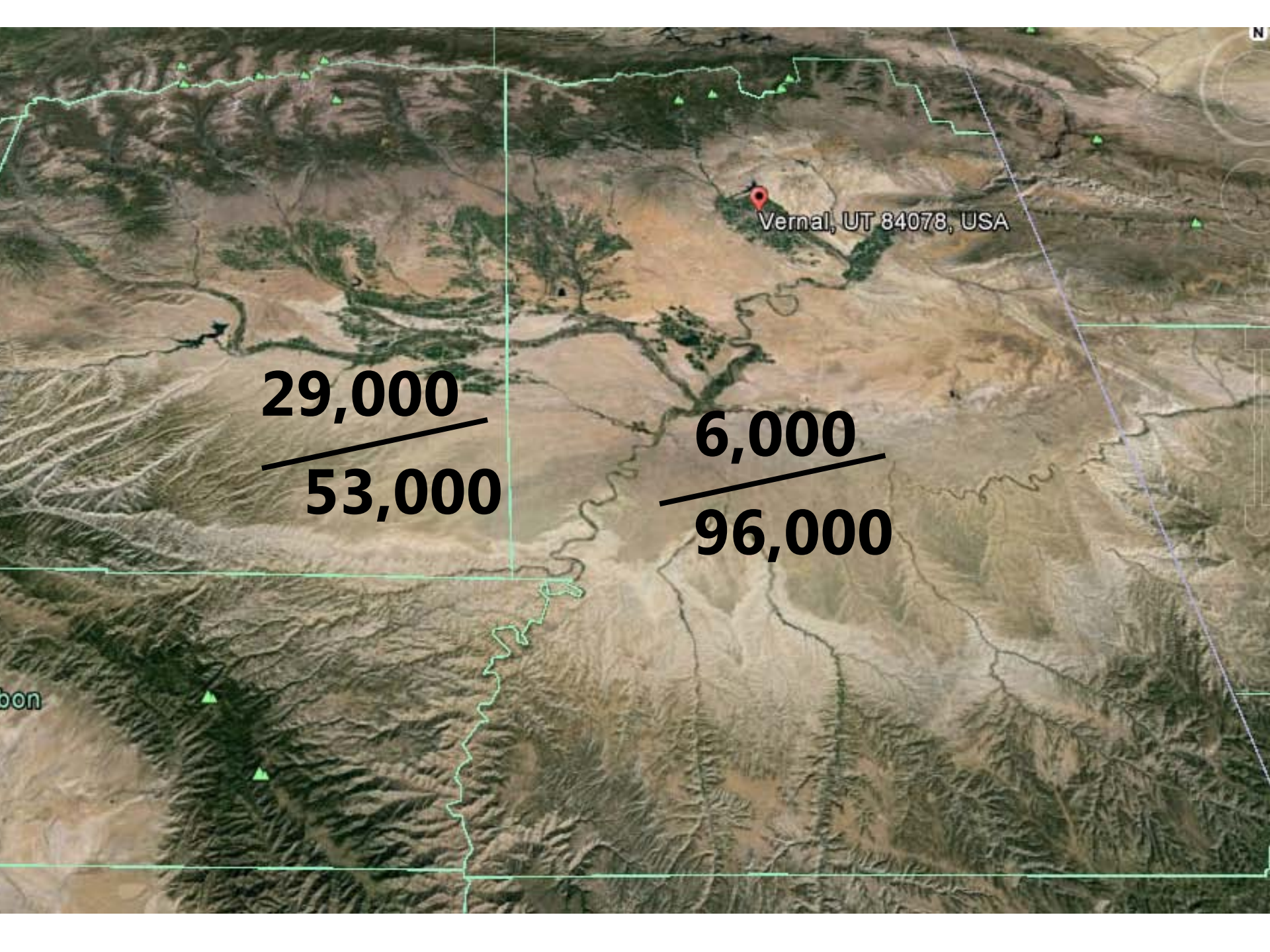
**State of Utah**

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**3-State Study**

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**EPA - Region 8**



Vernal, UT 84078, USA

**29,000**  

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**53,000**

**6,000**  

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**96,000**

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