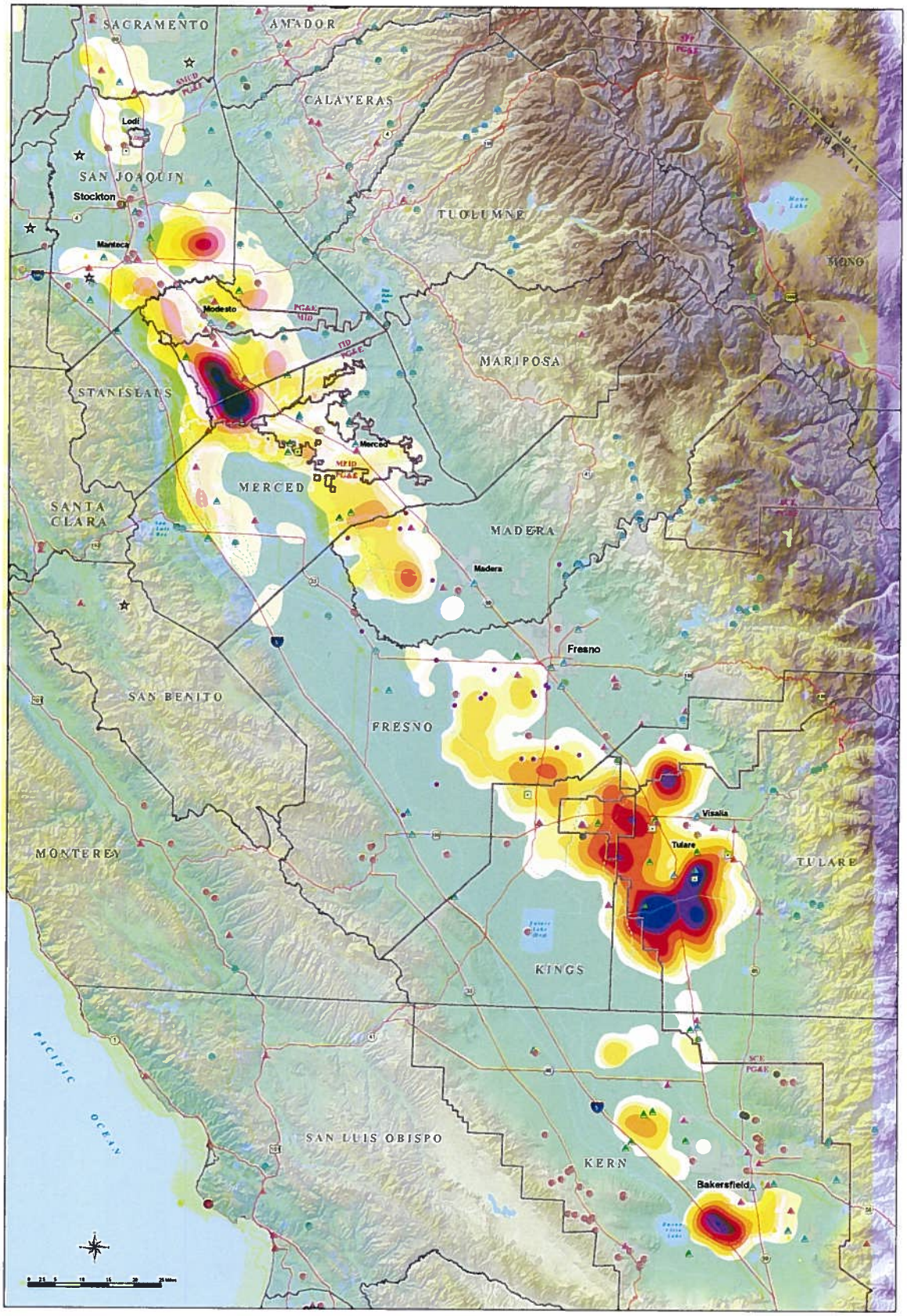
Dairy Cow Concentration

San Joaquin Valley California



Dairy Herd Size in Animal Units per Sq. Mile**

- 100
- 100 - 499
- 500 - 999
- 1000 - 1499
- 1500 - 1999
- 2000 - 2499
- 2500 - 2999
- 3000

Power Plants by Fuel Type

- Biomass
- Landfill Gas
- Municipal Solid Waste
- Oil Gas
- Hydroelectric
- Coal
- Geothermal
- Solar
- Wind
- Nuclear

- Anaerobic Digesters
- Waste Water Treatment Plants
- Compost Facilities
- LNG Facilities
- Beef Feedlots

- Canal Aqueduct
- Streams
- Stream Intermittent
- Electrical Utility Districts
- Urban Areas

EPA Region 9 GIS Center

** Animal Units

Animal Units are calculated by multiplying the number of animals of each type by a weighting factor reflecting the amount of manure produced by that type of animal, and summing for each family. Weighting factors used:

- 1.40 - Milk Cow
- 1.12 - Dry Cow
- 1.02 - Bred Heifers
- 1.02 - One year to breeding
- 0.09 - Calves
- 0.29 - Baby Calves

Sources

Dairy Locations: California Central Valley Regional Water Quality Control Board, 2005-2006
Power Plants: California Energy Commission 2003
Waste Water Treatment Plants: EPA, 2003
Compost Facilities: California Integrated Waste Management Board, 2003
LNG Facilities: California Integrated Waste Management Board, 2003
Feedlots: California Central Valley Regional Water Quality Control Board, 2003

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