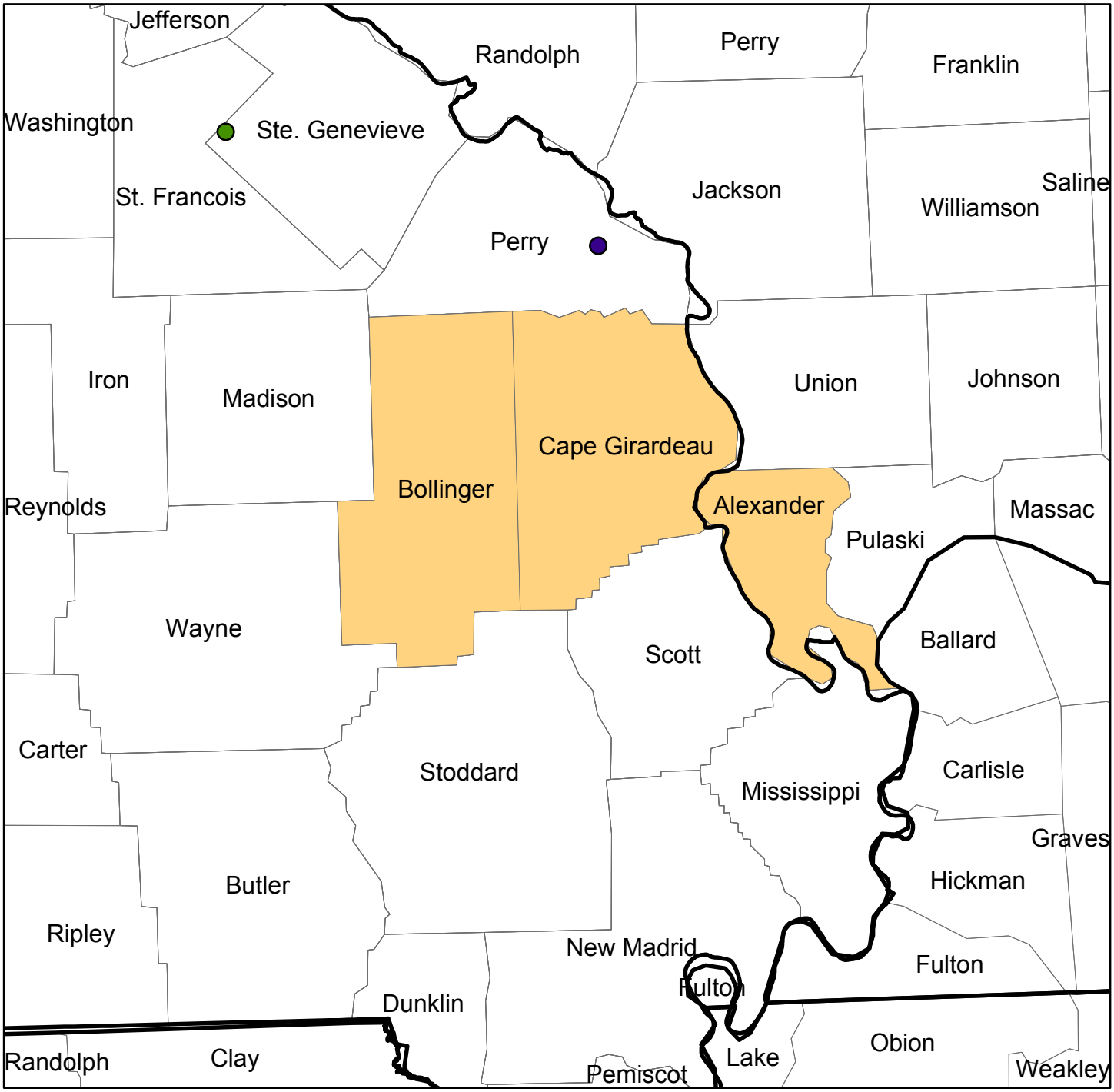
Figure SE1a - 2008 Ozone Sites and 06-08 Design Values



Farrar

BonneTerre

Cape Girardeau MSA

0 15 30 60 Kilometers

Site Name (ppb)
Farrar (77)
Bonne Terre (79)

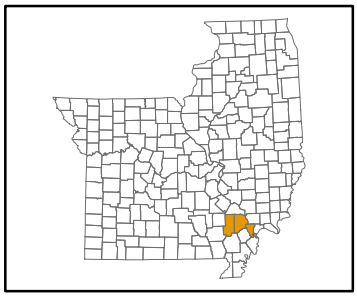


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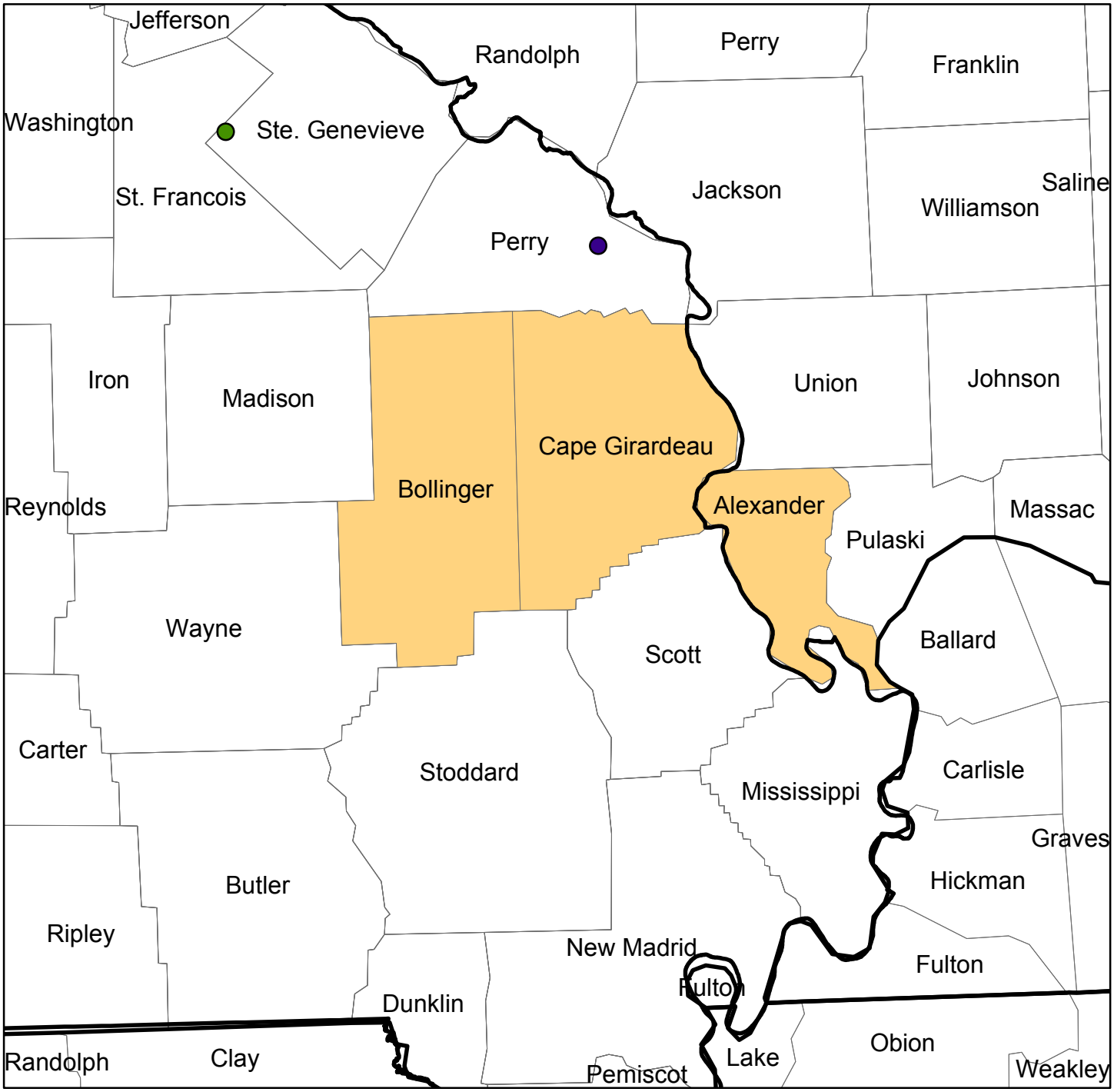
Figure SE1b - 2008 Ozone Sites and 05-07 Design Values



Farrar

BonneTerre

Cape Girardeau MSA

0 15 30 60 Kilometers

Site Name (ppb)
Farrar (80)
Bonne Terre (83)

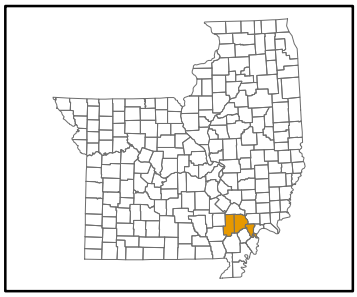


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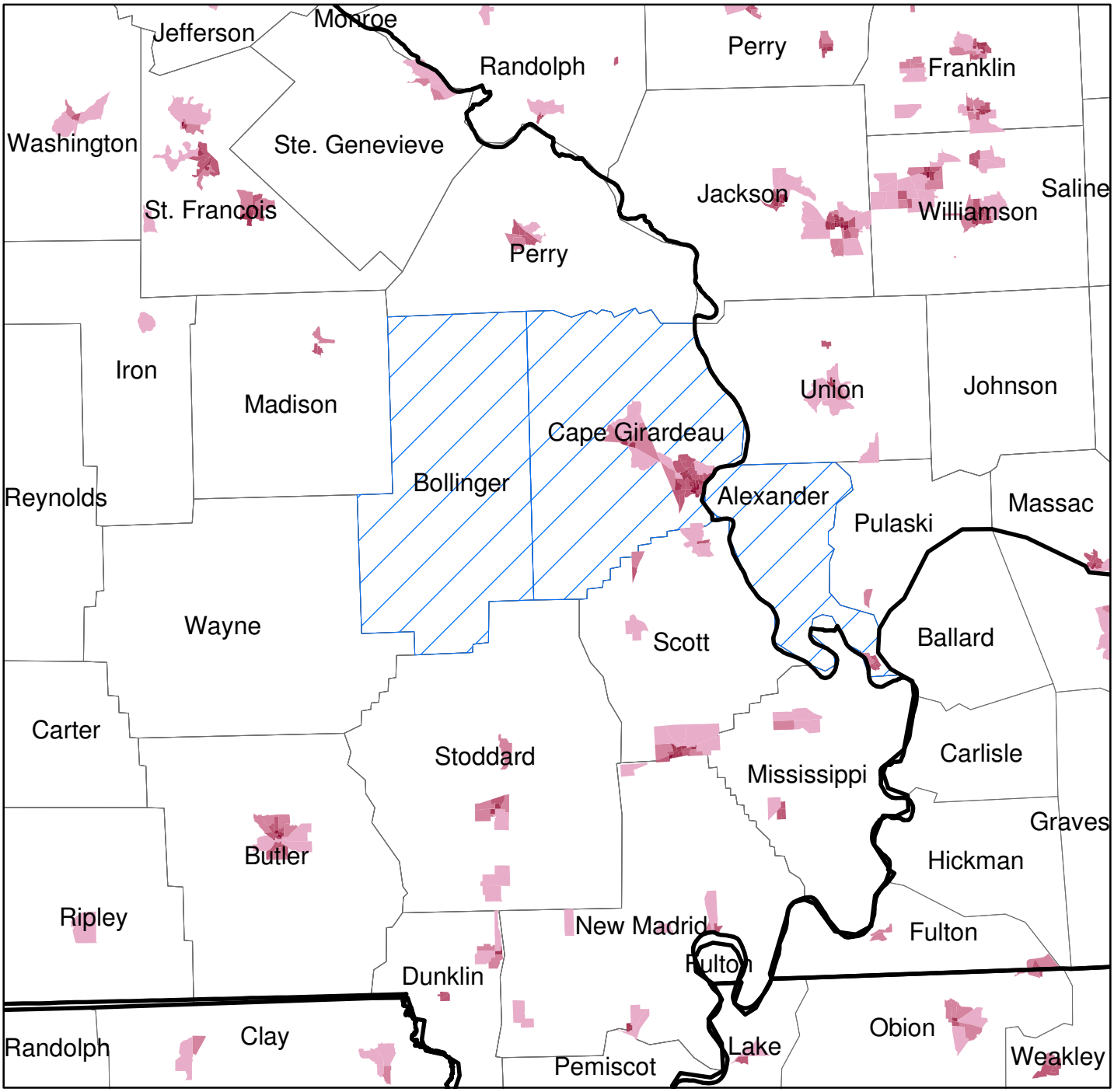
Figure SE2- Population Density 2000



Cape Girardeau MSA

0 10 20 40 Kilometers

Population Density

Persons / sq mile

- 0 - 200
- 201 - 500
- 501 - 1000
- 1001 - 2500
- 2501 - 5000
- 5001 +

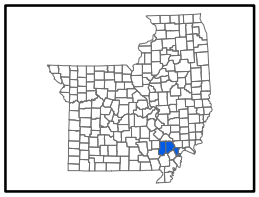


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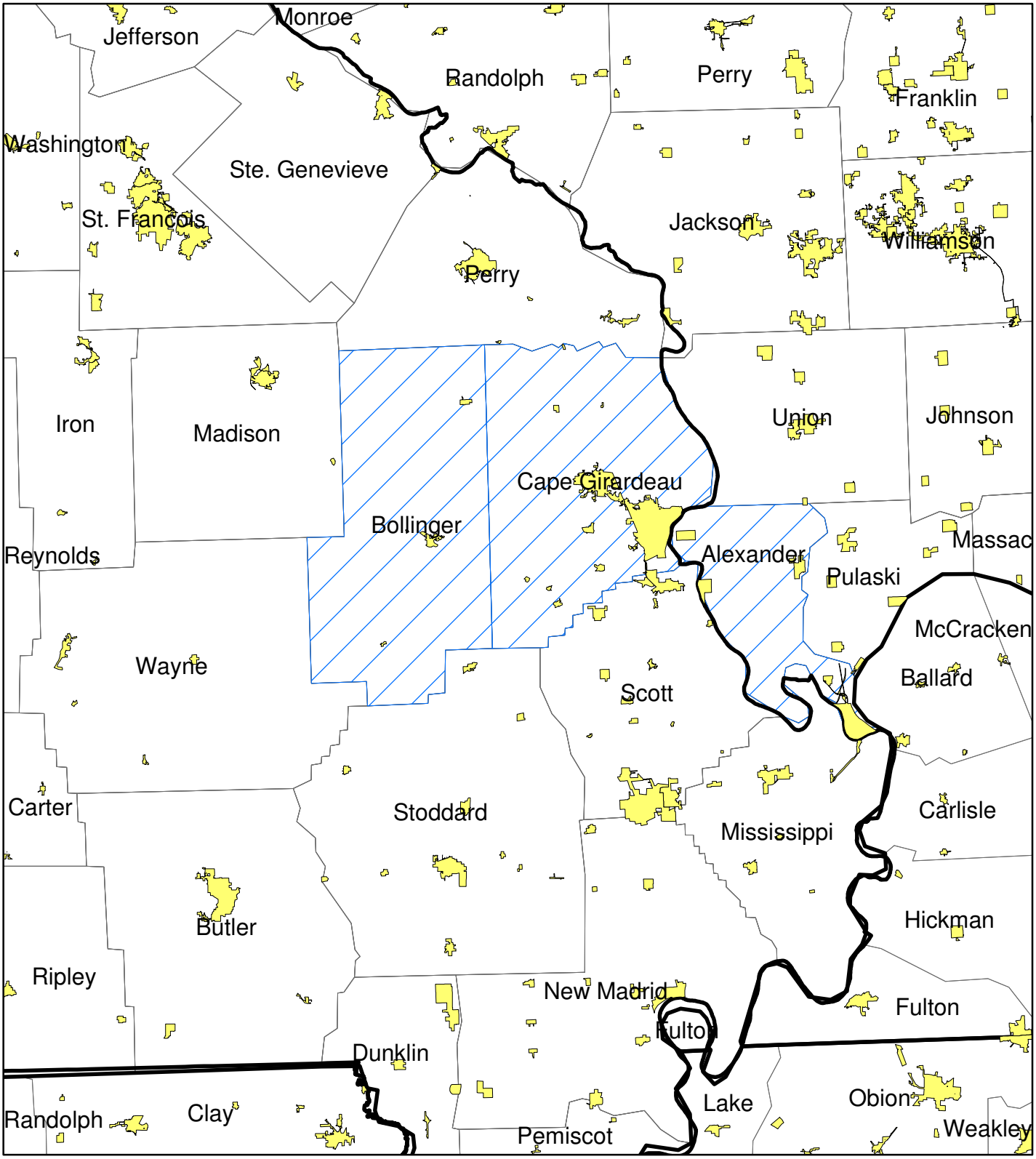
Figure SE3 - Urbanization 2000



Cape Girardeau MSA

Urban Areas

0 12.5 25 50 Kilometers

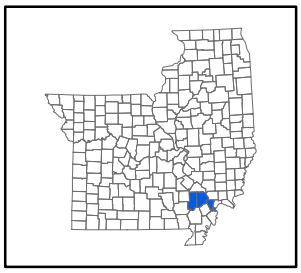


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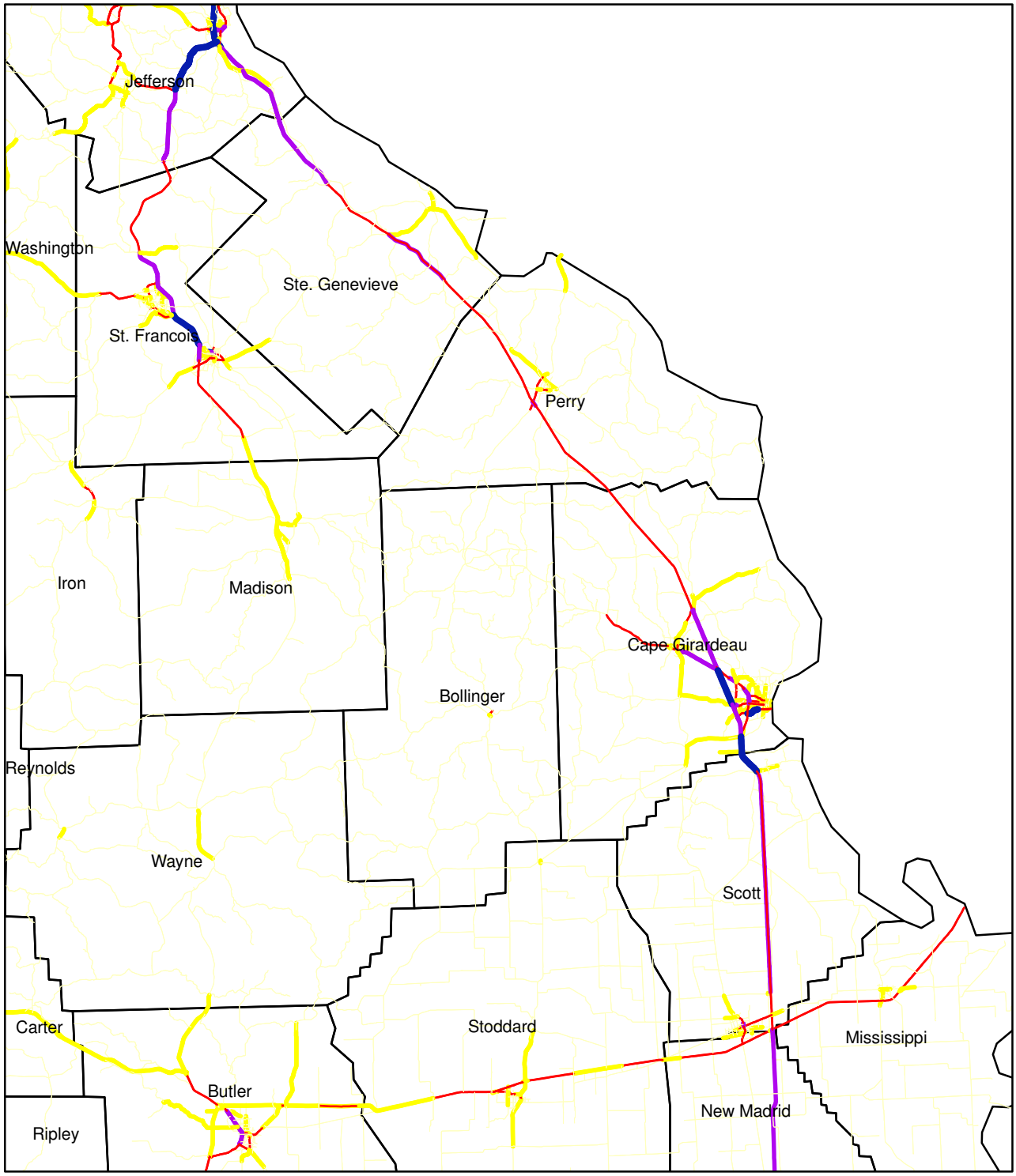
Figure SE4 - Traffic Count 2007



03.57 14 Kilometers

Average Annual Daily Traffic

Number of Vehicles

- 1 - 5,000
- 5,001 - 10,000
- 10,001 - 20,000
- 20,001 - 30,000
- > 30,000

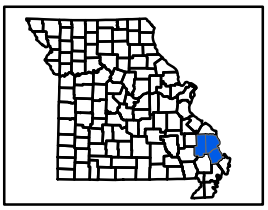


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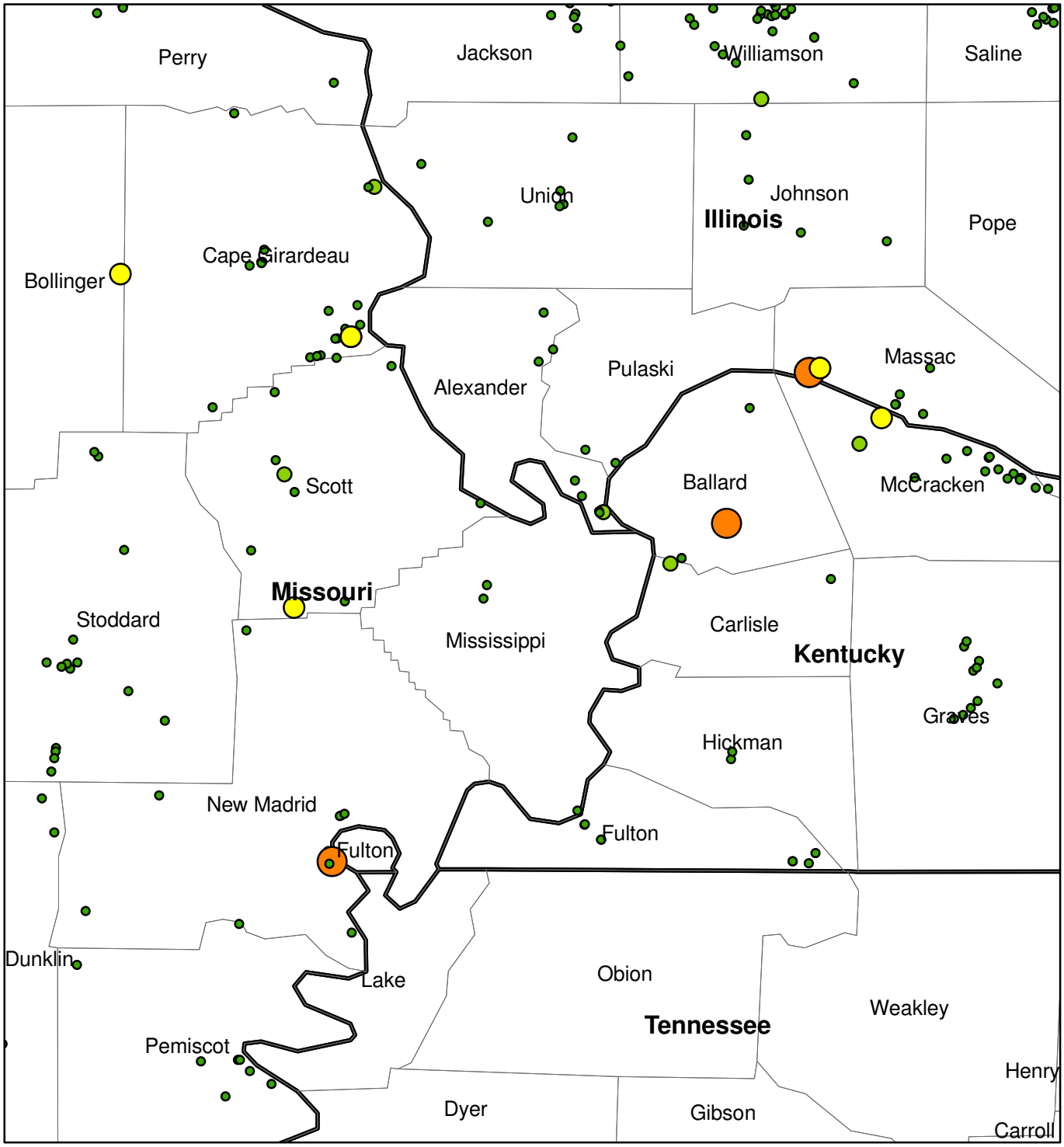
Figure SE5 - NOx Point Sources 2007



0 10 20 40 Kilometers

NOx emissions in tons per day

- 0 - 0.3
- 0.4 - 2
- 2.1 - 10
- 10.1 - 20
- > 20

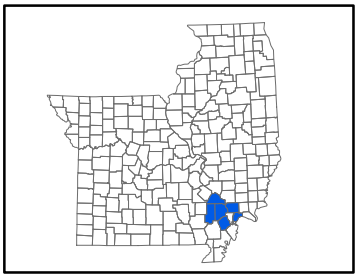


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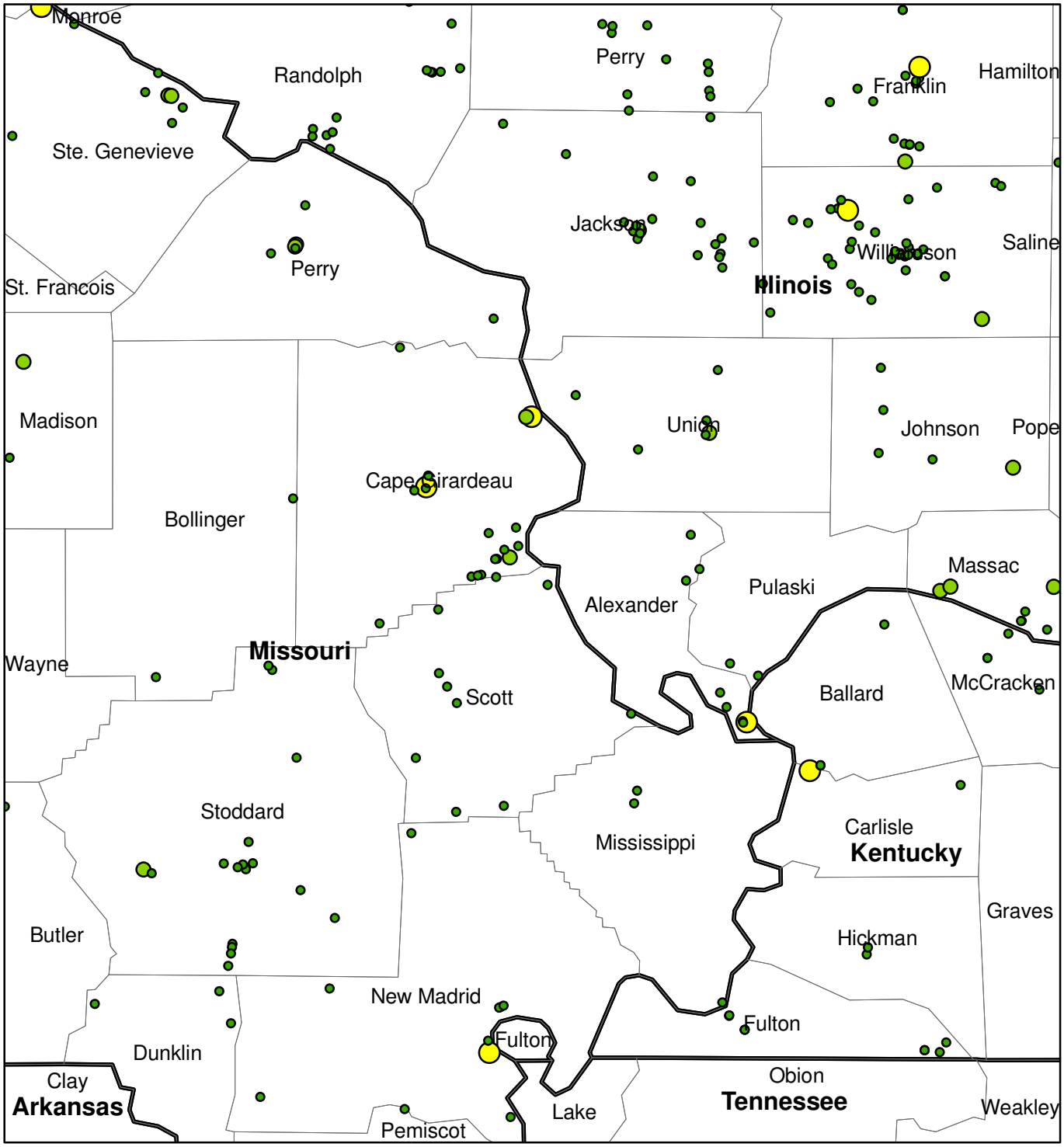
Figure SE6 - VOC Point Sources 2007



0 5 10 20 Kilometers

VOC Emissions in tons per day

- 0 - 0.1
- 0.2 - 0.5
- 0.6 - 2
- 2.1 - 6
- > 6

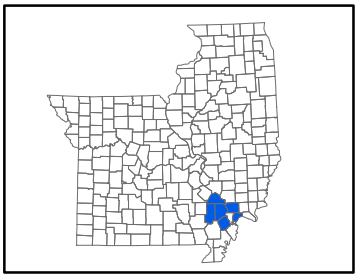


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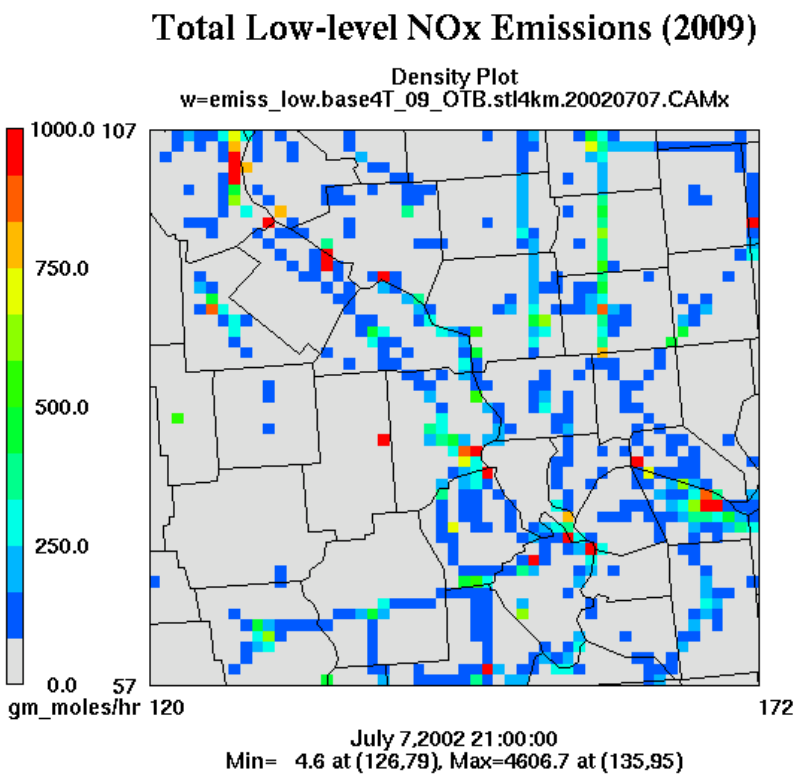
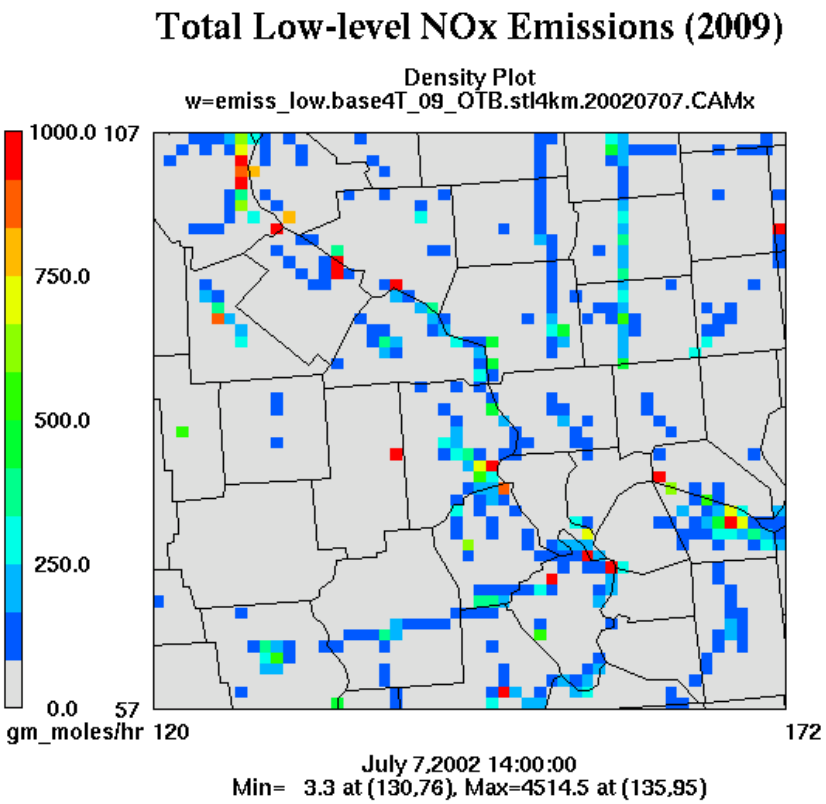
Figure SE7 – NOx Emission Density

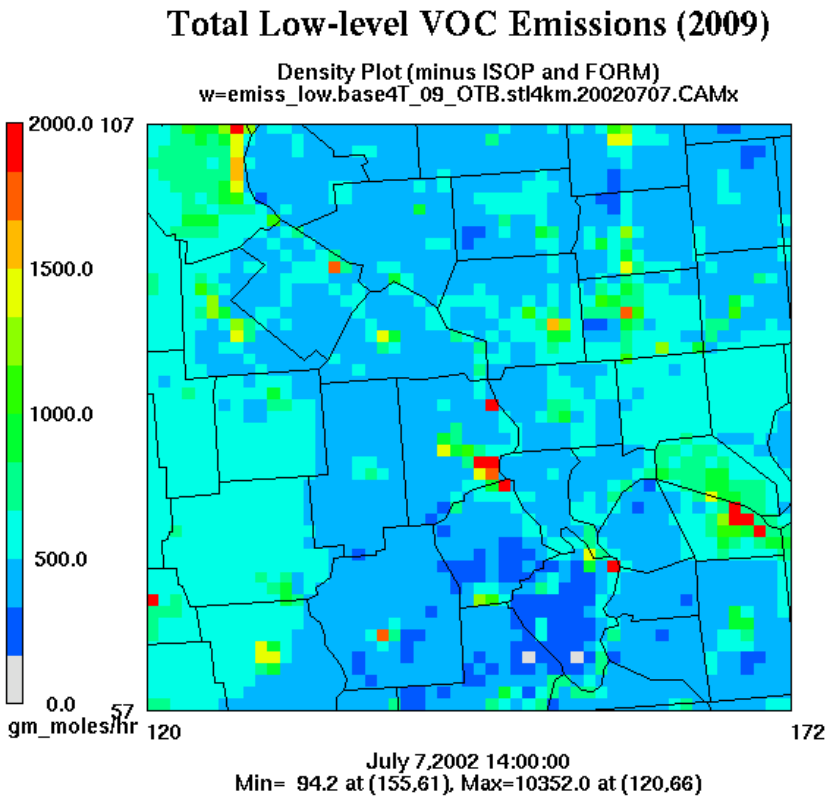


July 7, 2002 – 8 AM

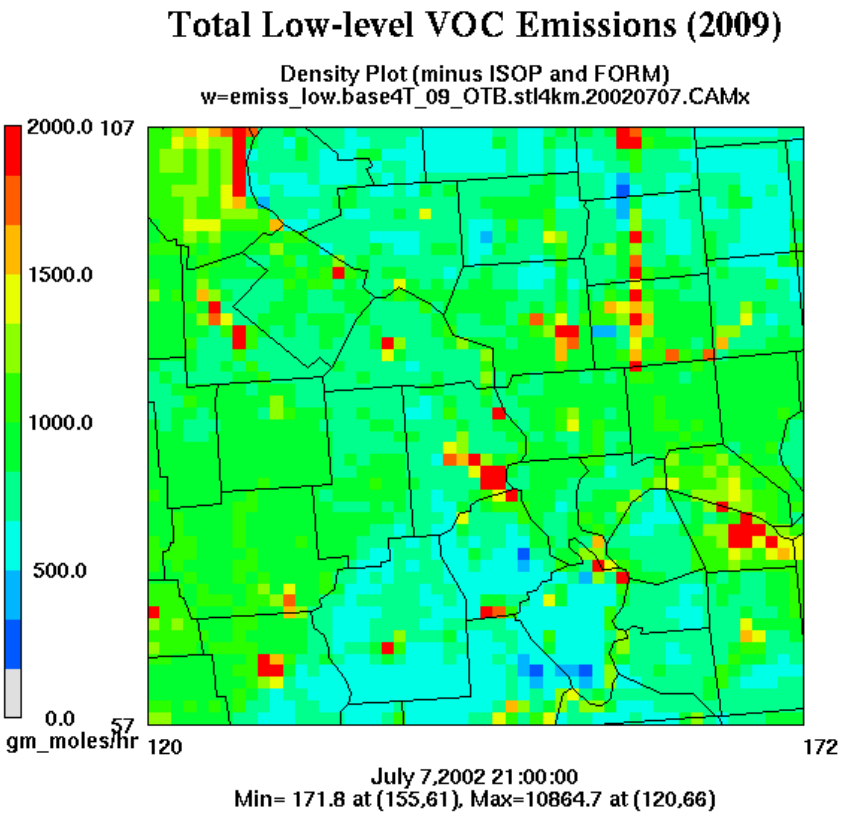


July 7, 2002 – 3 PM

Figure SE8 – VOC Emission Density



July 7, 2002 – 8 AM



July 7, 2002 – 3 PM