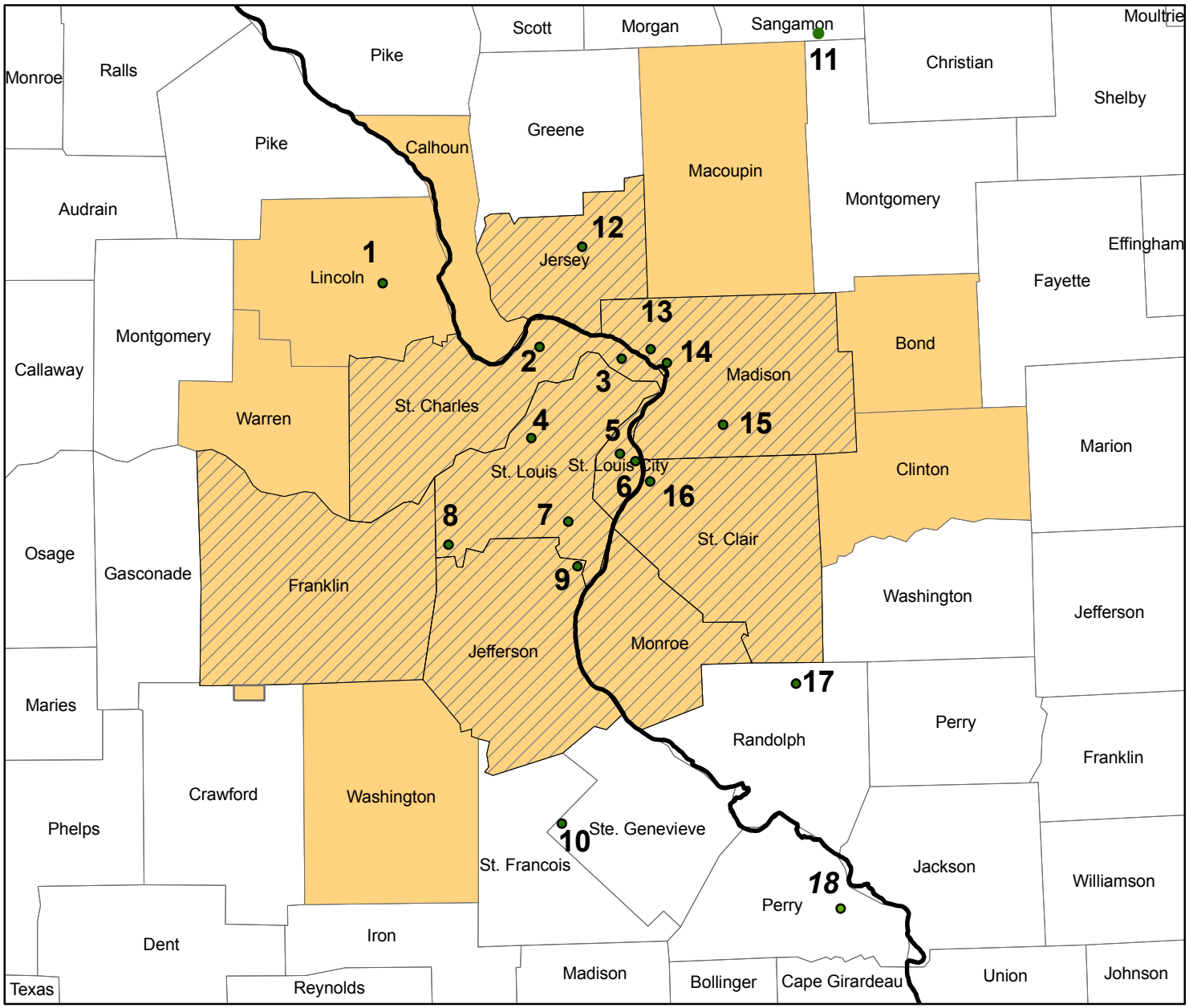
Figure StL 1a- 2008 Ozone Sites and 06-08 Design Values



Non-Attainment Area

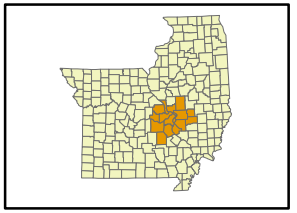
St. Louis MSA

 # - Site Name (ppb)

1 - Foley (80)
2 - Orchard Farm (82)
3 - West Alton (85)
4 - Maryland Hts (82)
5 - Margaretta (81)
6 - Blair Street (78)
7 - Sunset Hills (78)
8 - Pacific (76)
9 - Arnold (78)
10 - Bonne Terre (79)
11 - Nilwood (70)
12 - Jerseyville (73)
13 - Alton (76)
14 - Wood River (76)
15 - Maryville (78)
16 - E. St. Louis (72)
17 - Houston (72)

18 - Farrar (77)

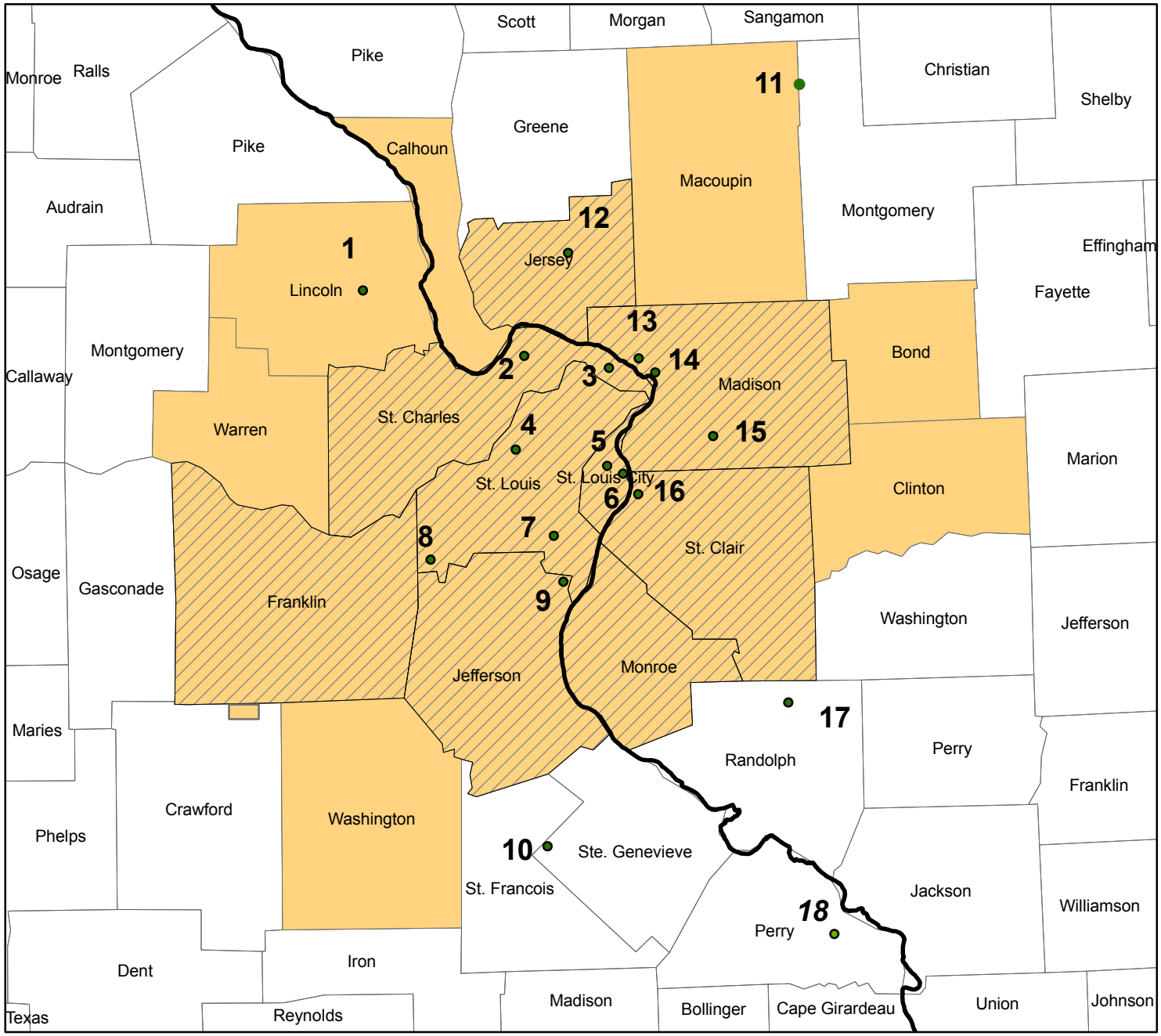
N
W E
S



Department of Natural Resources
Division of Environmental Quality
Air Pollution Control Program
Prepared by Bern Johnson 18 FEB 09

0 15 30 60 Kilometers

Figure StL 1b - 2008 Ozone Sites and 05-07 Design Values



Non-Attainment Area

St. Louis MSA

 # - Site Name (ppb)

1 - Foley (87)
2 - Orchard Farm (89)
3 - West Alton (89)
4 - Maryland Hts (88)
5 - Margaretta (86)
6 - Blair Street (84)
7 - Sunset Hills (86)
8 - Pacific (83)
9 - Arnold (86)
10 - Bonne Terre (83)
11 - Nilwood (74)
12 - Jerseyville (77)
13 - Alton (83)
14 - Wood River (83)
15 - Maryville (84)
16 - E. St. Louis (82)
17 - Houston (75)

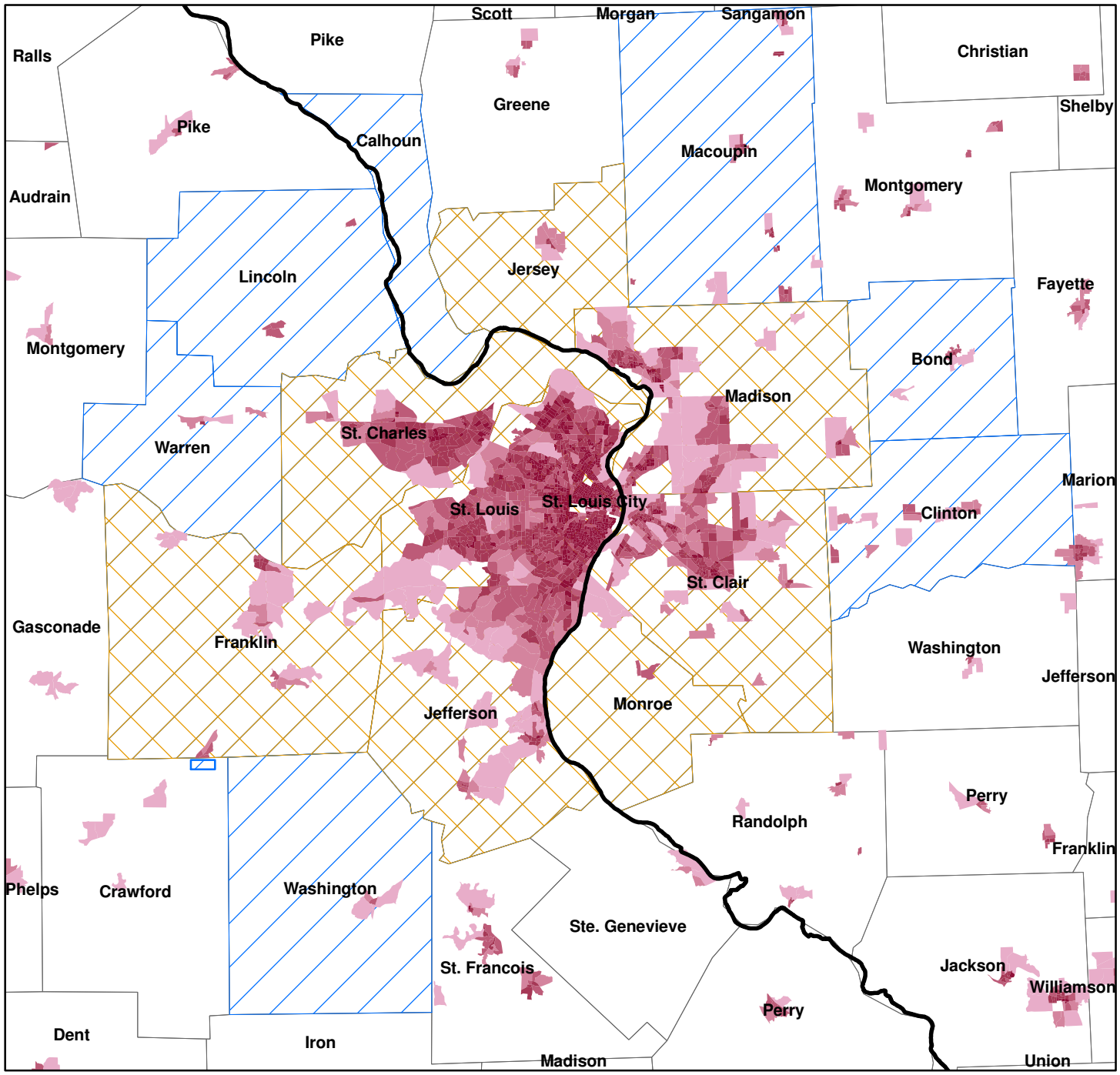
18 - Farrar (80)

N
W E
S

0 15 30 60 Kilometers

Department of Natural Resources
Division of Environmental Quality
Air Pollution Control Program
Prepared by Bern Johnson 25 JUN 2008

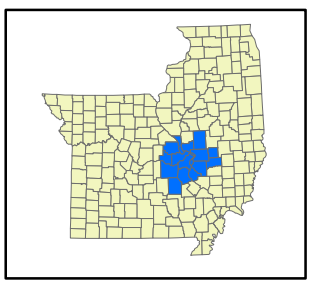
Figure StL2 - Population Density 2000



0 12.5 25 50 Kilometers

Non-Attainment Area

St. Louis MSA



Population Density

Persons / sq mile

0 - 200

201 - 500

501 - 1000

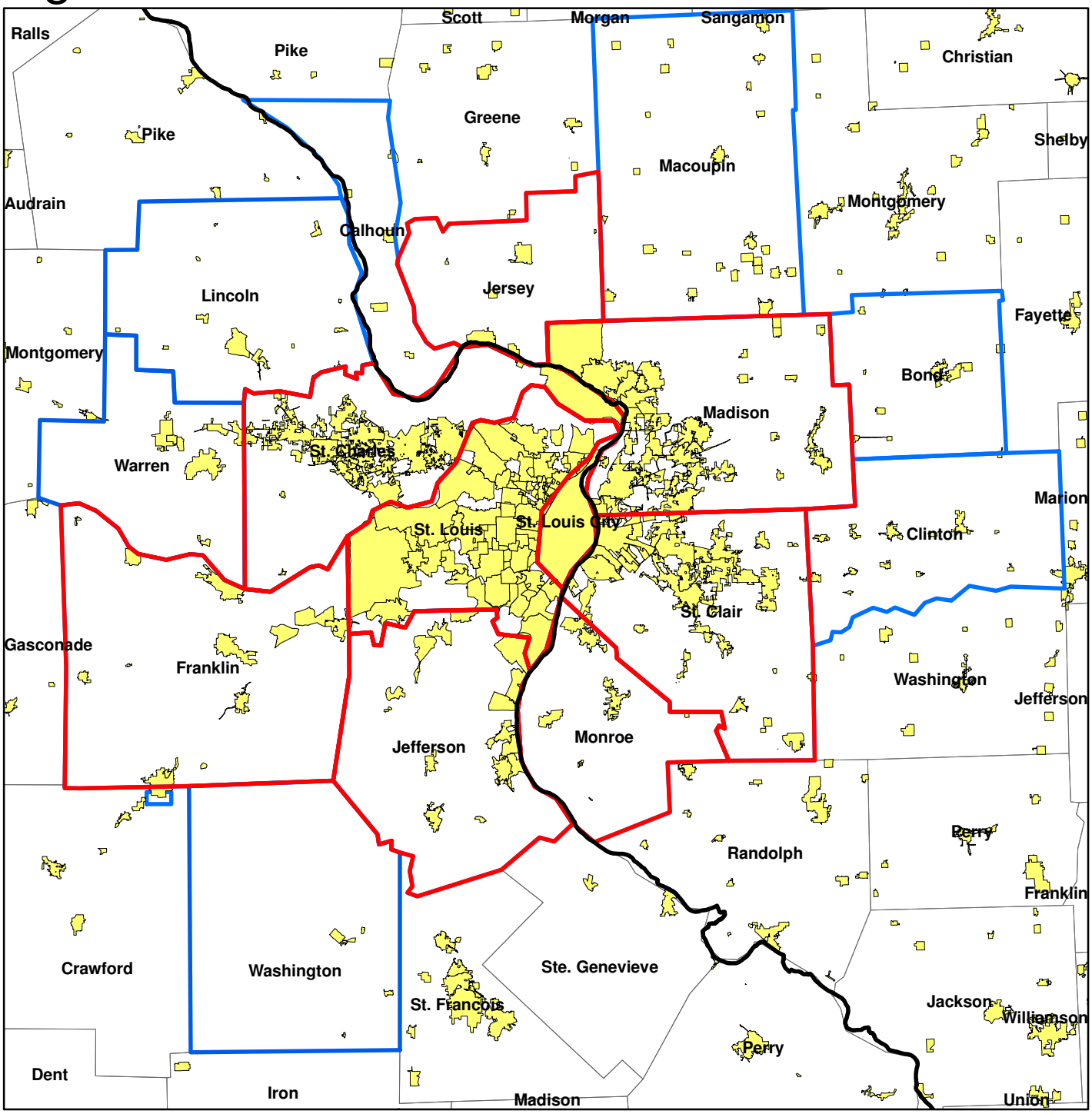
1001 - 2500

2501 - 5000

5001 +

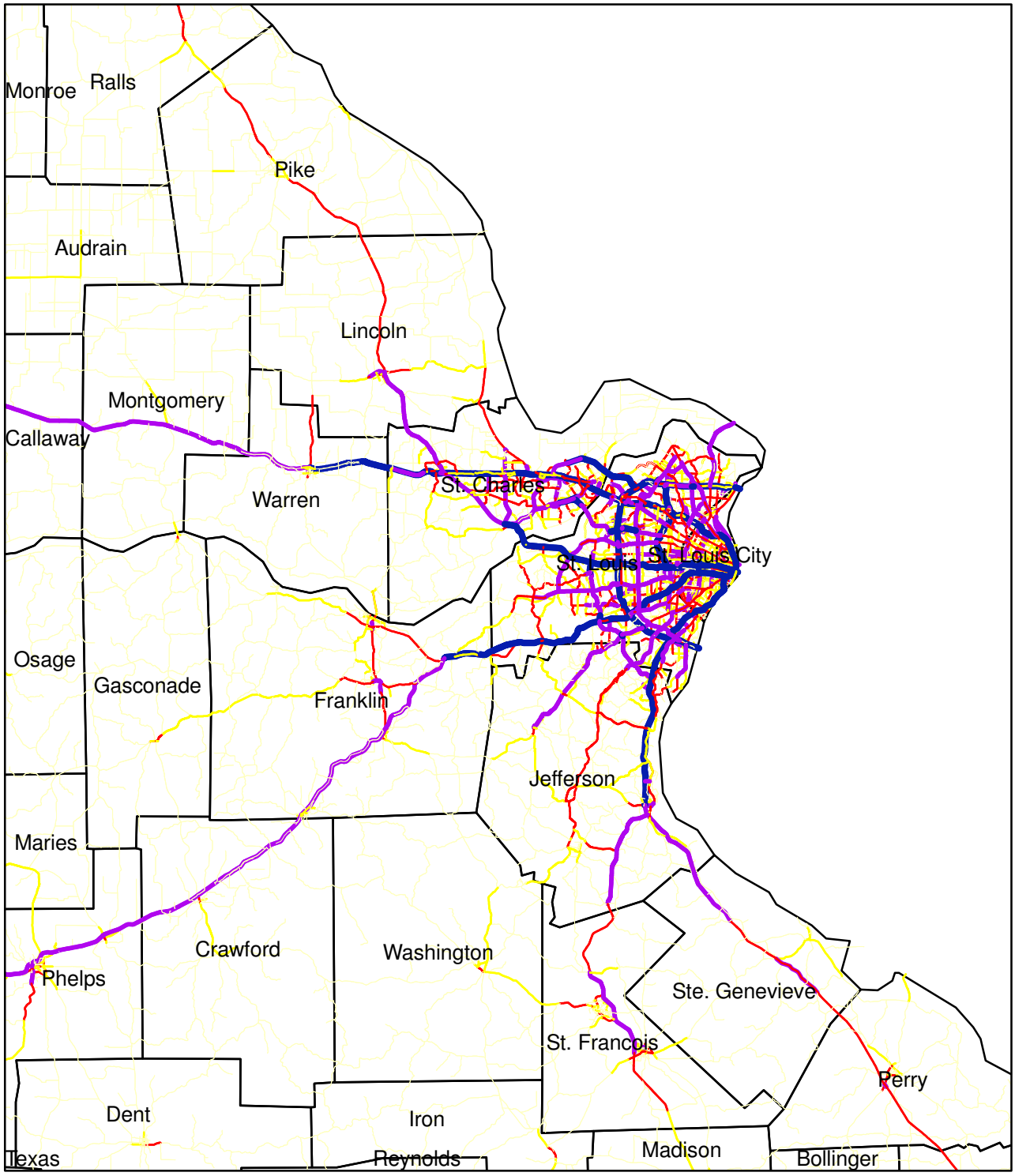
Department of Natural Resources
Division of Environmental Quality
Air Pollution Control Program
Prepared by Bern Johnson 9 JUL 2008

Figure StL3 - Urbanization 2000



Department of Natural Resources
Division of Environmental Quality
Air Pollution Control Program
Prepared by Bern Johnson 10 JUL 2008

Figure StL4 - Traffic Count 2007

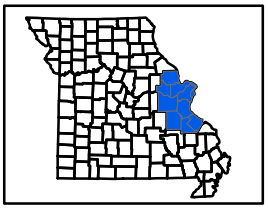


0 15 30 60 Kilometers

Average Annual Daily Traffic

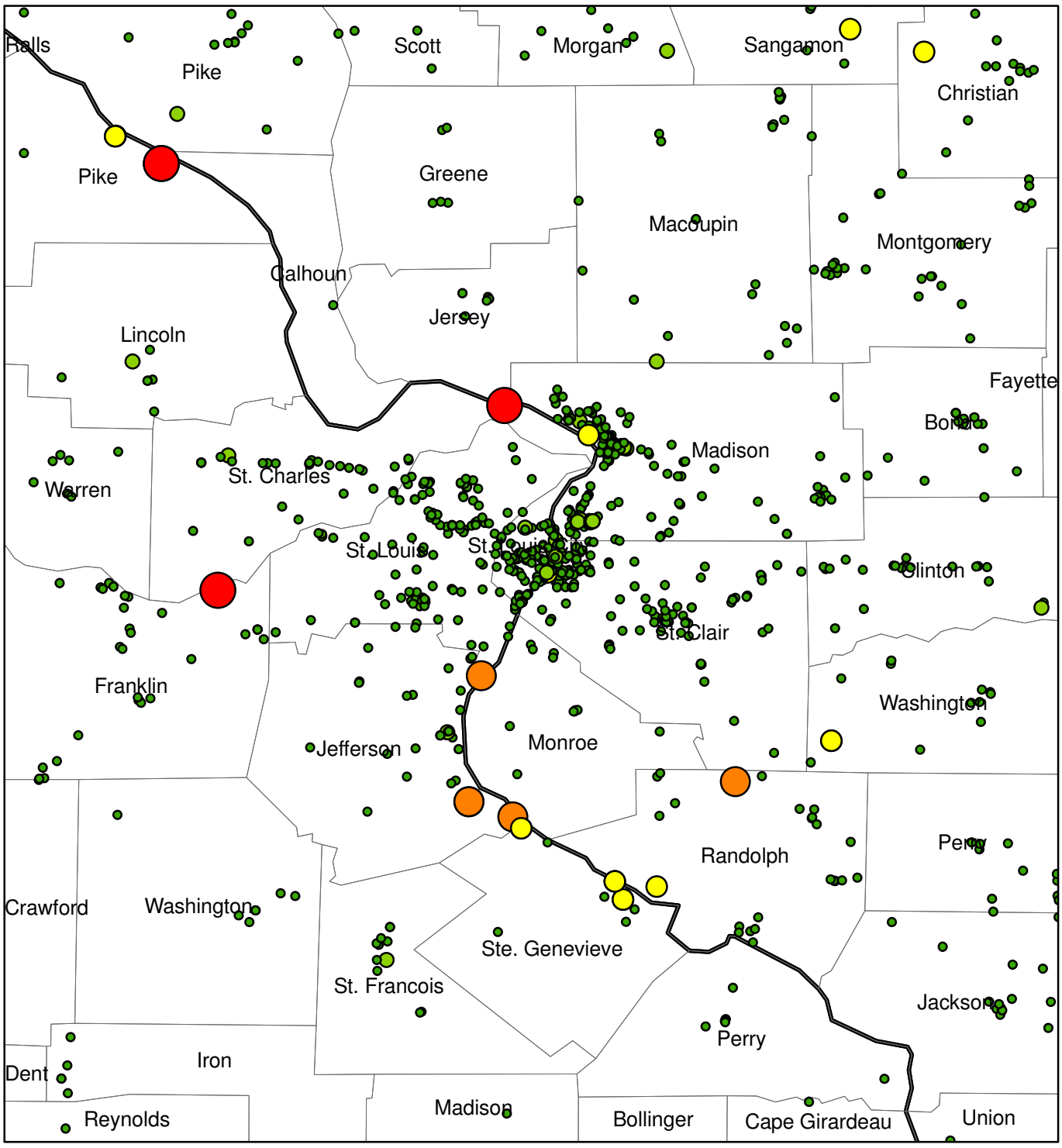
Number of Vehicles

- 1 - 5,000
- 5001 - 10,000
- 10,001 - 20,000
- 20,001 -50,000
- > 50,000



Missouri Department of Natural Resources
Division of Environmental Quality
Air Pollution Control Program
Prepared by Bern Johnson 5 SEP 2008

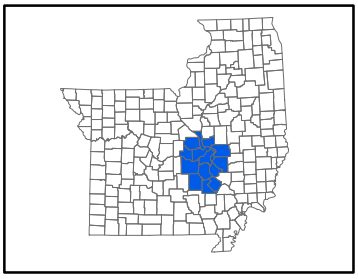
Figure StL5 - NOx Point Sources



0 15 30 60 Kilometers

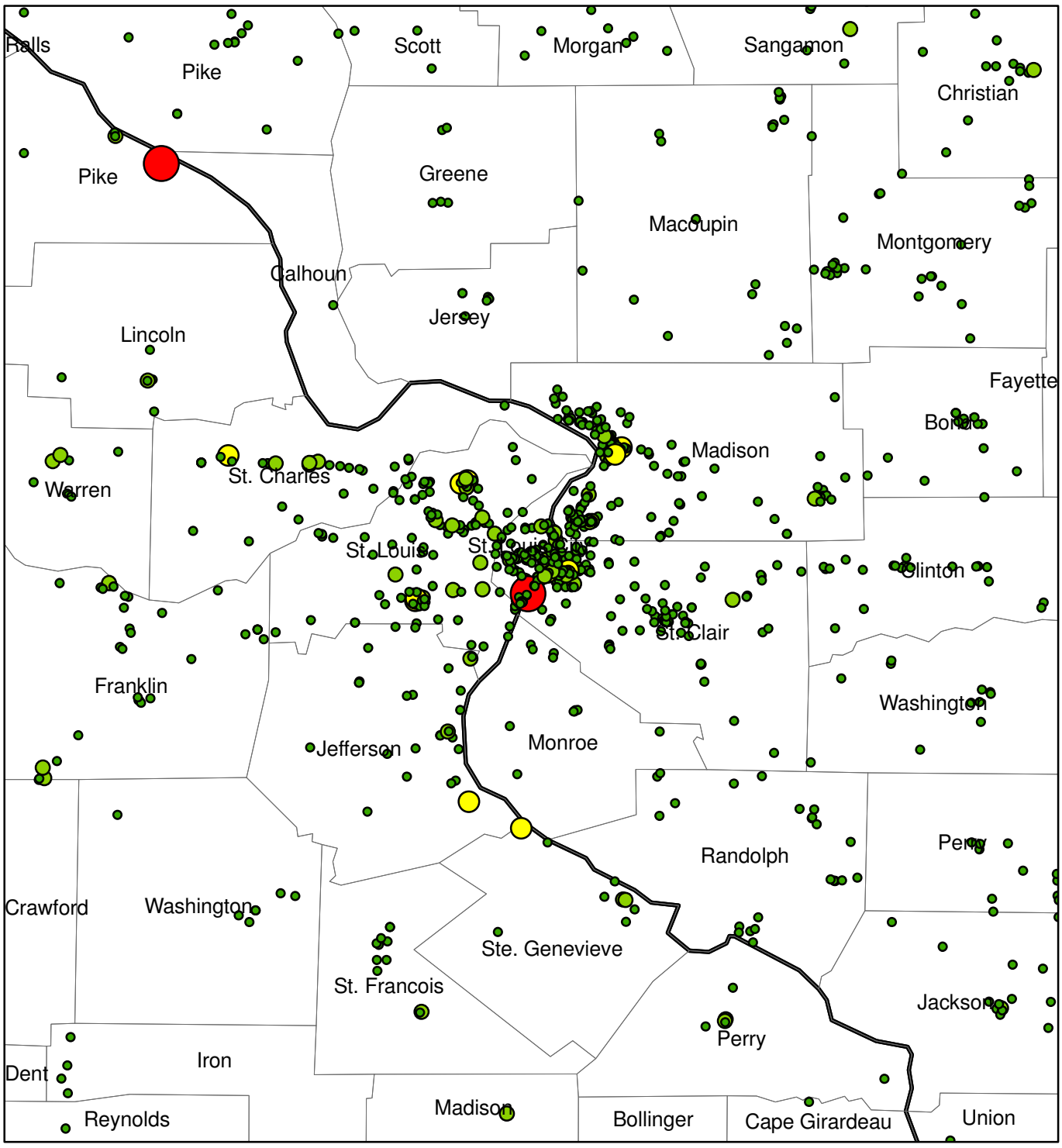
NOx emissions in tons per day

- 0 - 0.3
- 0.4 - 2
- 2.1 - 10
- 10.1 - 20
- 20.1 - 59.5



Missouri Department of Natural Resources
Division of Environmental Quality
Air Pollution Control Program
Prepared by Bern Johnson 10 SEP 08

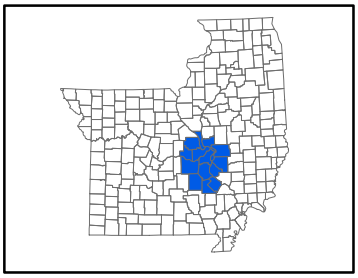
Figure StL6- VOC Point Sources



0 15 30 60 Kilometers

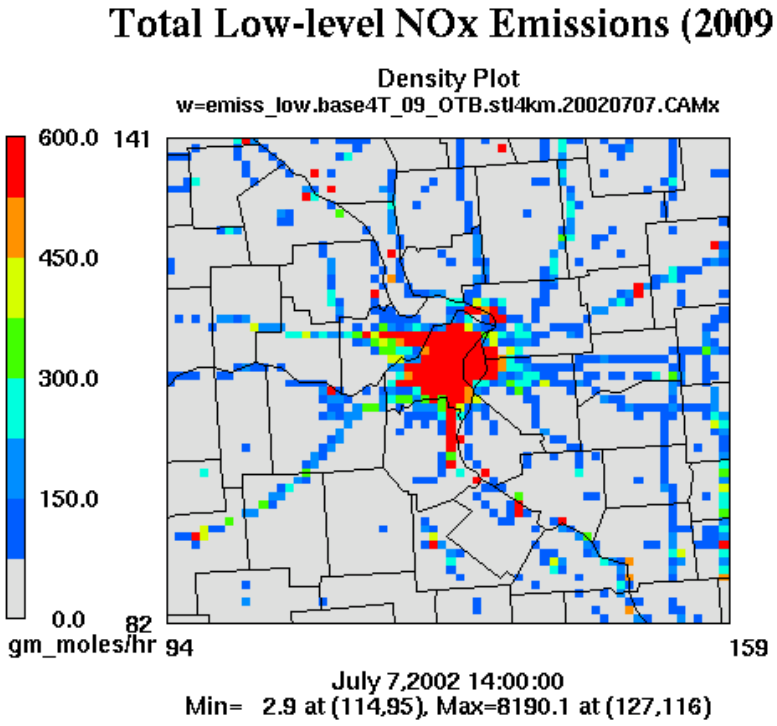
VOC Emissions in tons per day

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

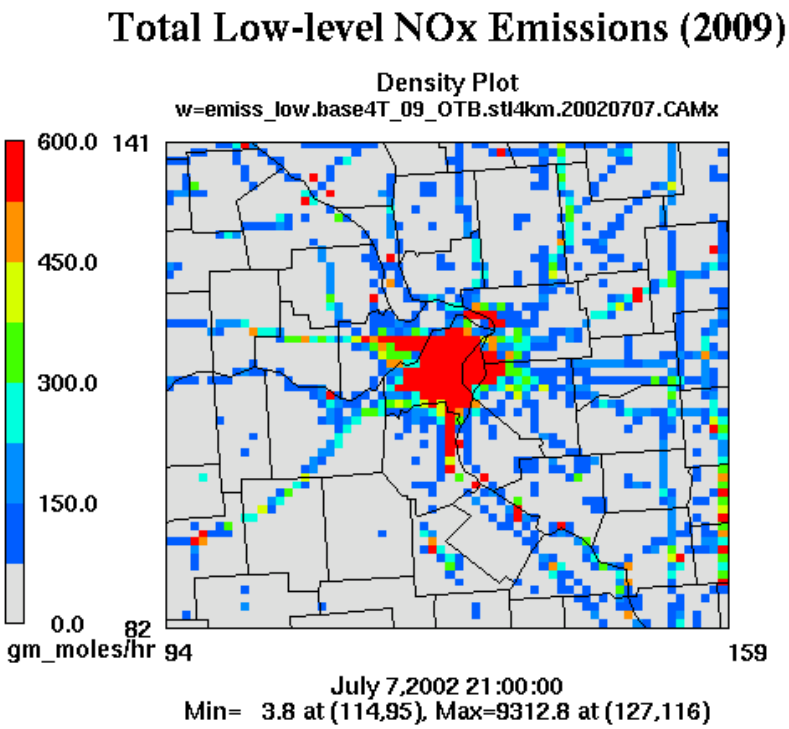


Missouri Department of Natural Resources
Division of Environmental Quality
Air Pollution Control Program
Prepared by Bern Johnson 10 SEP 08

Figure StL7 – NOx Emission Density

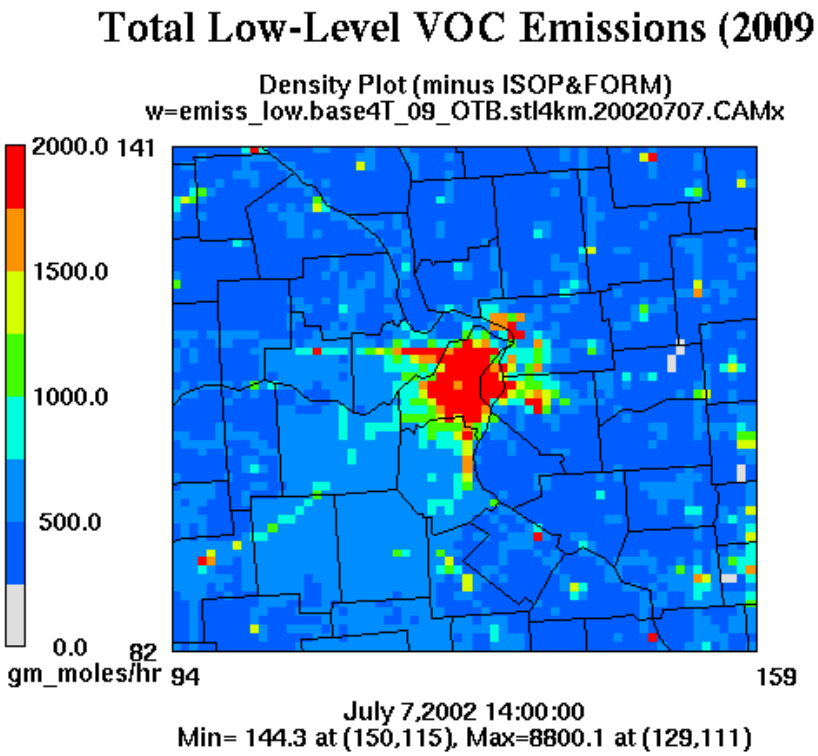


July 7, 2002 – 8 AM

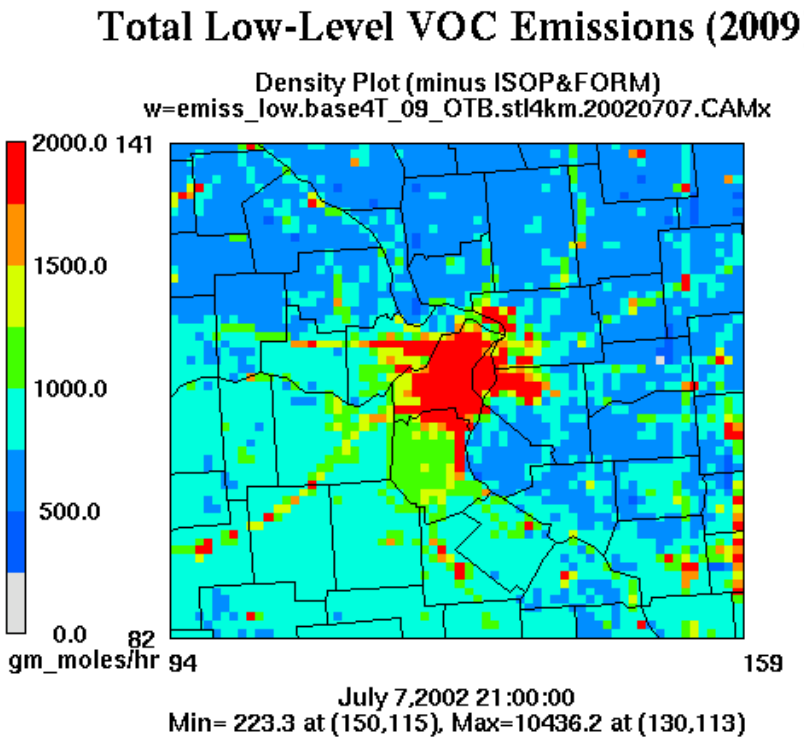


July 7, 2002 – 3 PM

Figure StL8 – VOC Emission Density



July 7, 2002 – 8 AM



July 7, 2002 – 3 PM