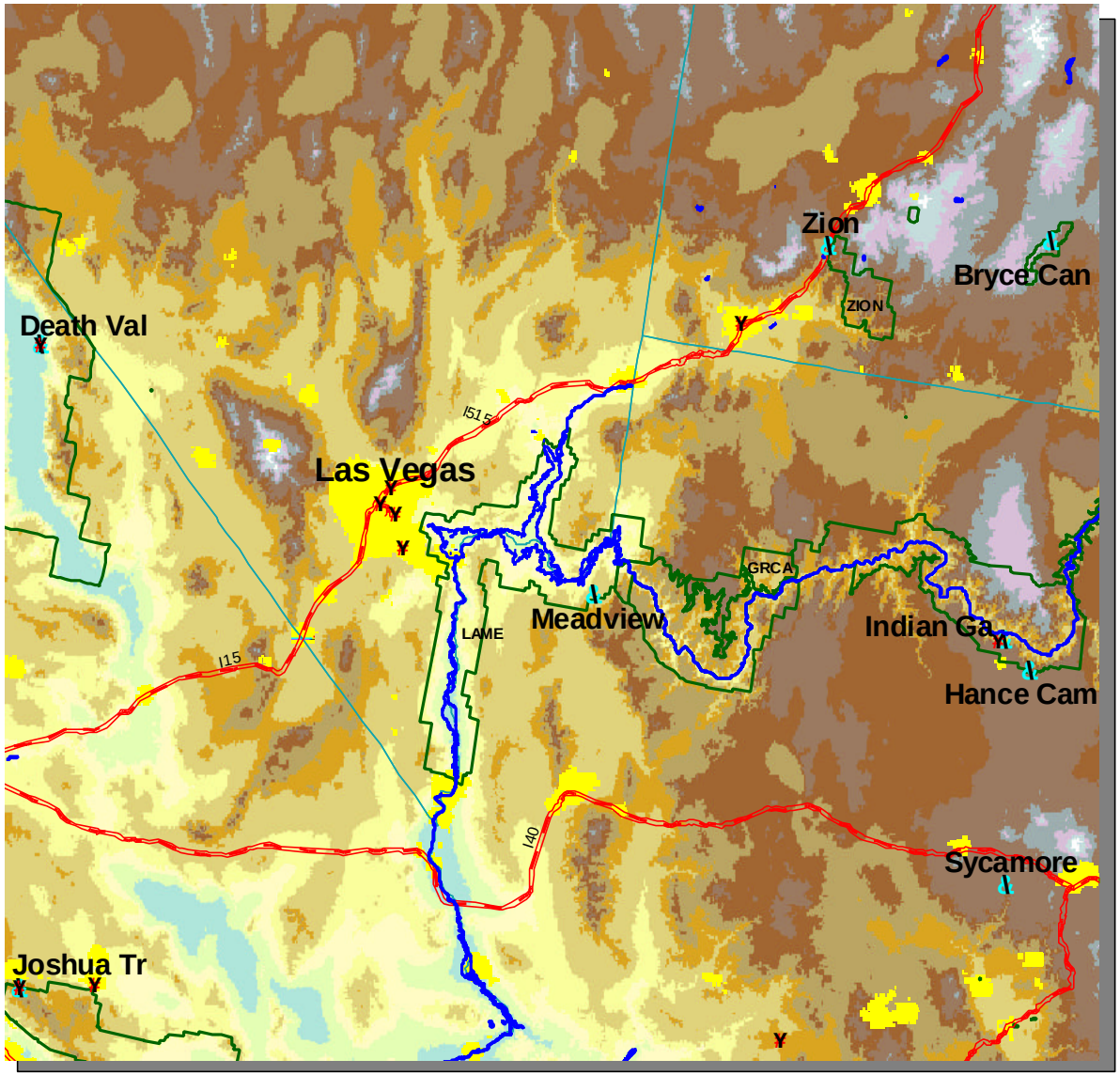
Elevation Map for Lake Mead NRA Region



Mjwaterlaz
All O3 monitors
Improve
Intrstatlaz
NPS Boundaries
US States
Rural and Urban Areas
0
1 Urban area
No Data
North America DEM
-79 - 107 meters
108 - 239
240 - 378
379 - 539
540 - 736
737 - 949
950 - 1161
1162 - 1383
1384 - 1618
1619 - 1850
1851 - 2073
2074 - 2300
2301 - 2546
2547 - 2831
2832 - 3248
3249 - 6098
No Data

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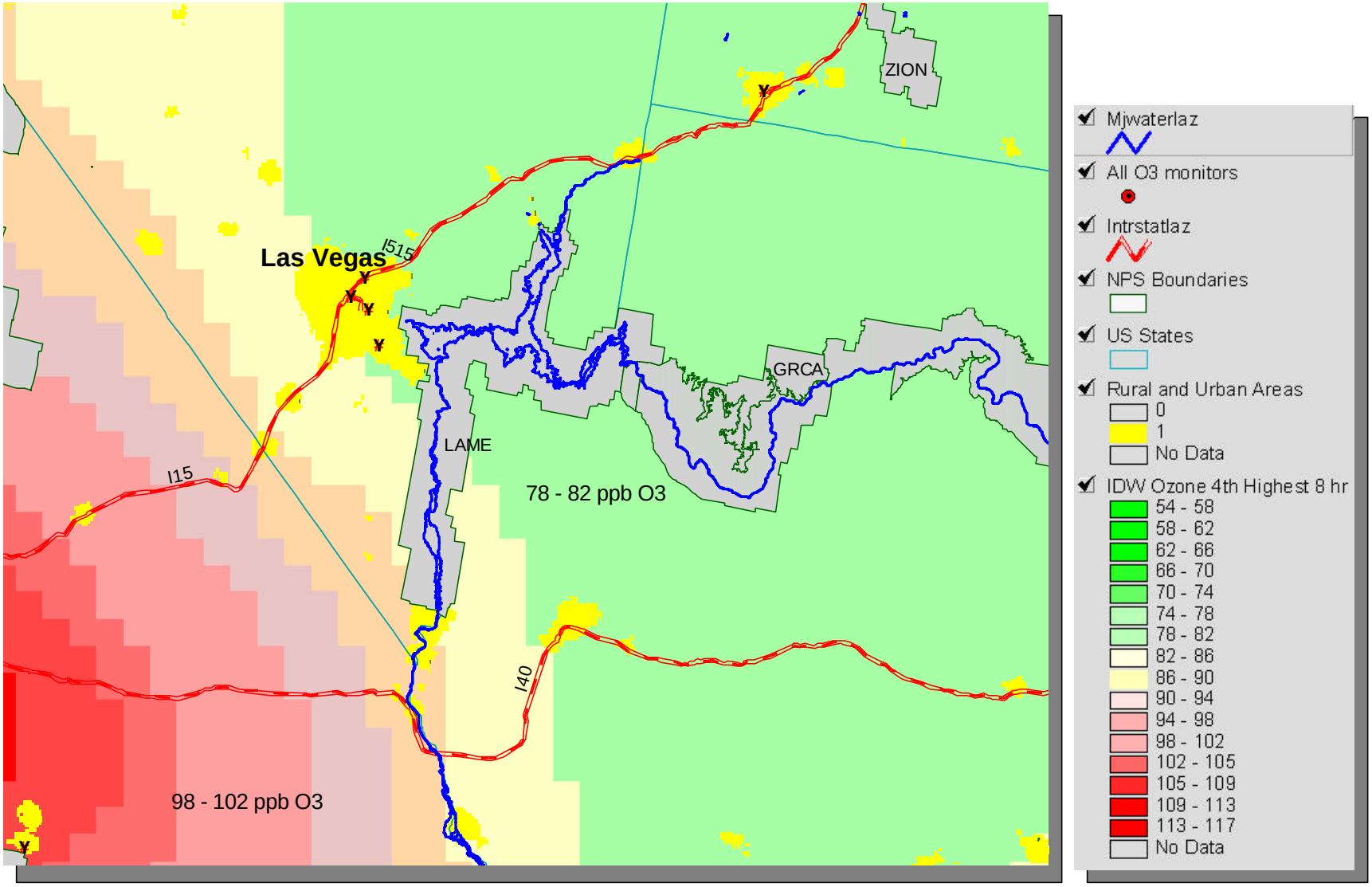
Ozone Concentration Estimates for Lake Mead NRA



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Selected Ozone Plots from AirNow for 2001

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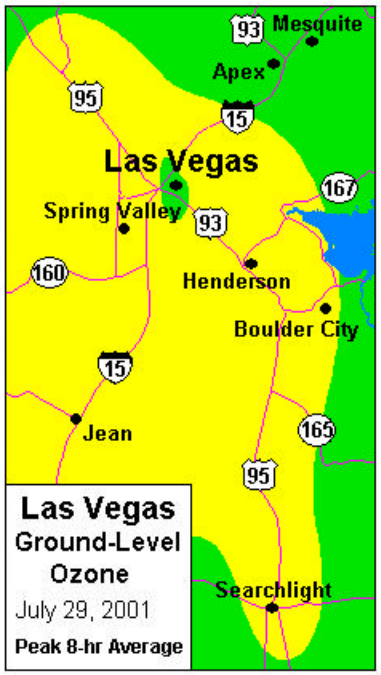
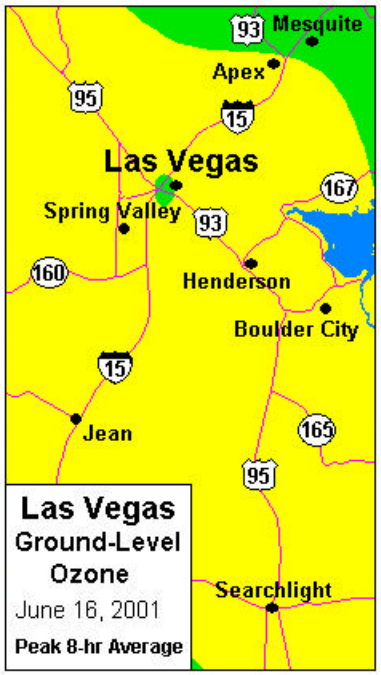


Ozone Peak Values
8-hour Average Concentration
Las Vegas
Sunday, 29 Jul 2001

- Good
- Moderate
- Unhealthy for Sensitive Groups
- Unhealthy
- Very Unhealthy

Static Ozone Monitor Location Maps

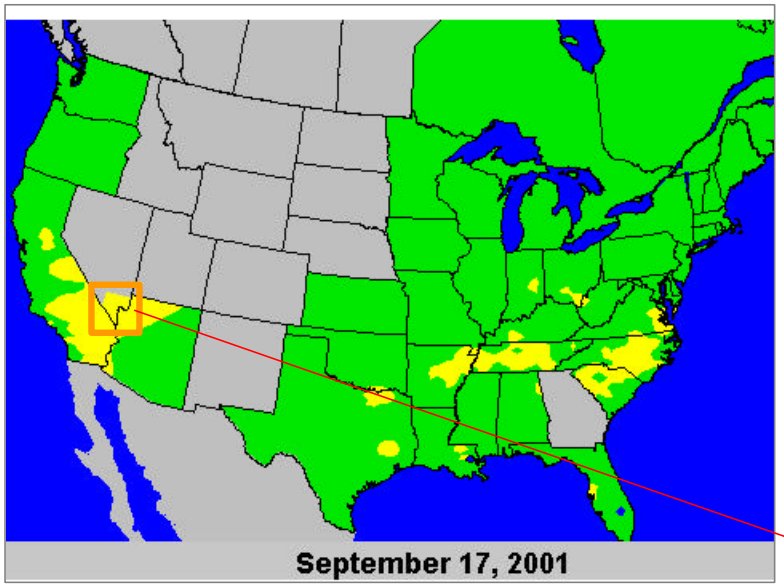


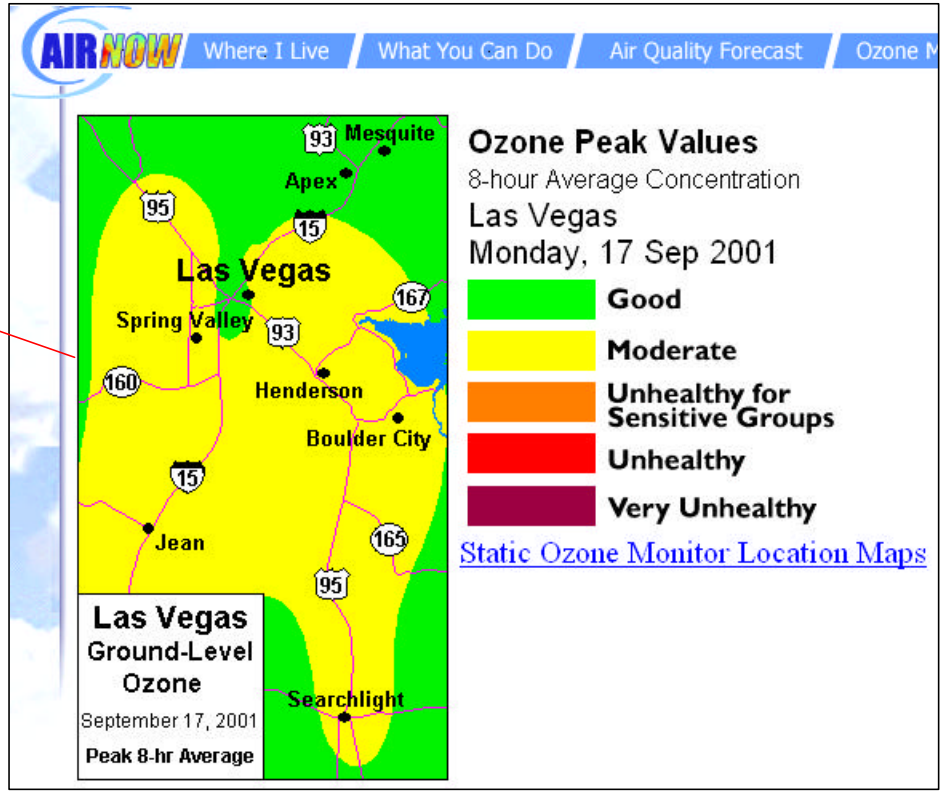
Ozone Peak Values
8-hour Average Concentration
Las Vegas
Saturday, 16 Jun 2001

- Good
- Moderate
- Unhealthy for Sensitive Groups
- Unhealthy
- Very Unhealthy

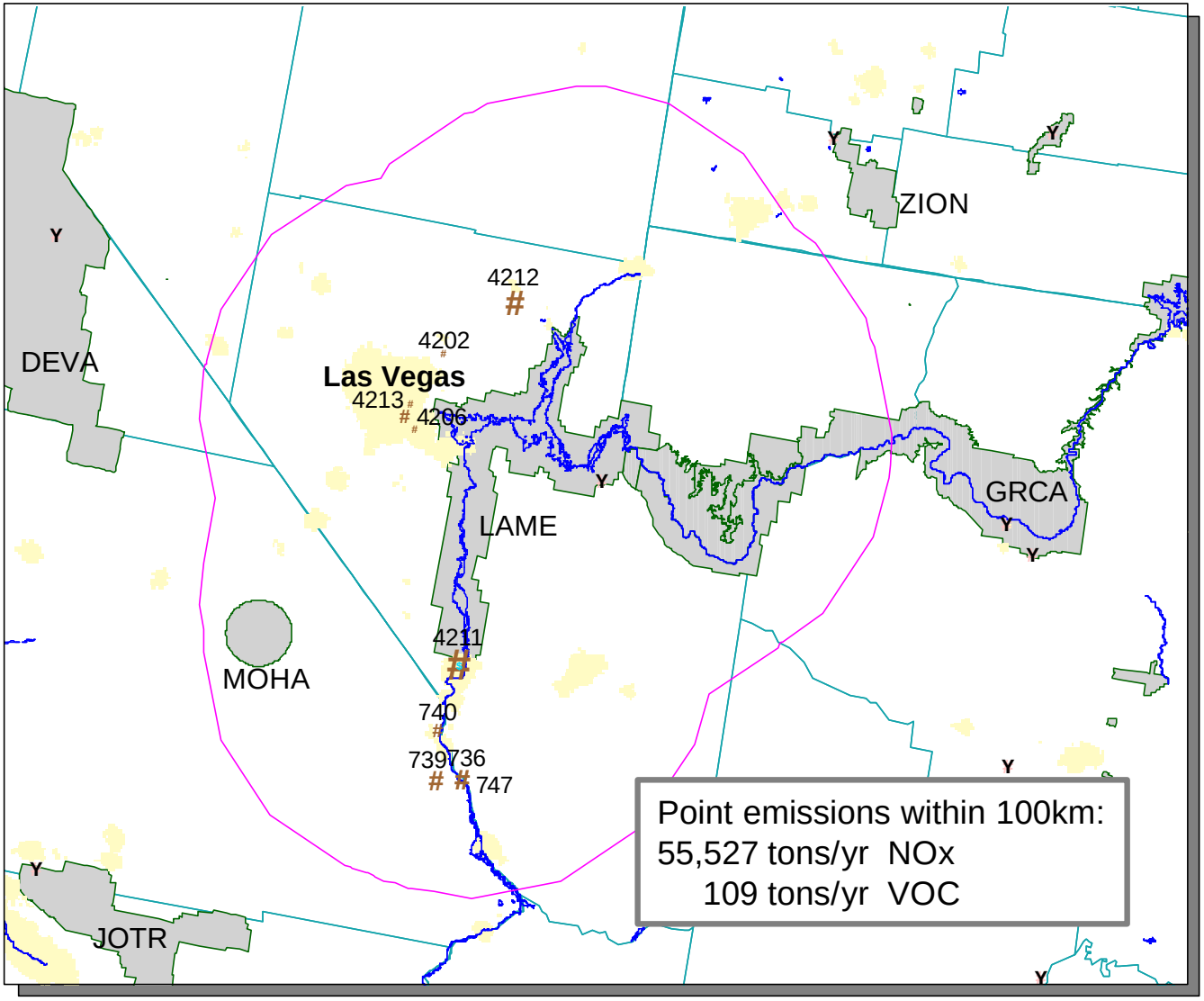
Static Ozone Monitor Locatio

Selected Ozone Plots from AirNow for 2001

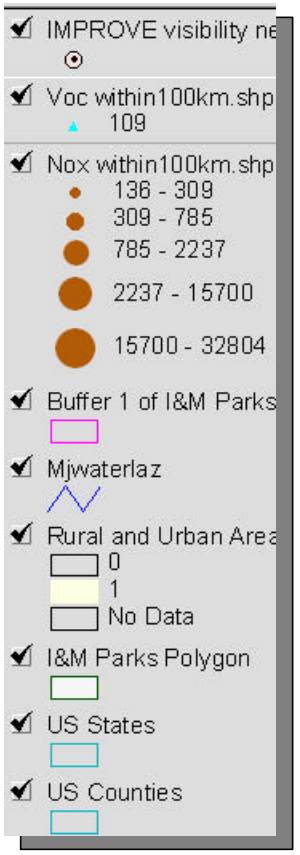




NOx and VOC Emission Sources within 100 km of Lake Mead NRA



Point sources, tons/yr



Based on 1990 emission inventory. Urbanized areas (light yellow) based on satellite view of night time lights.

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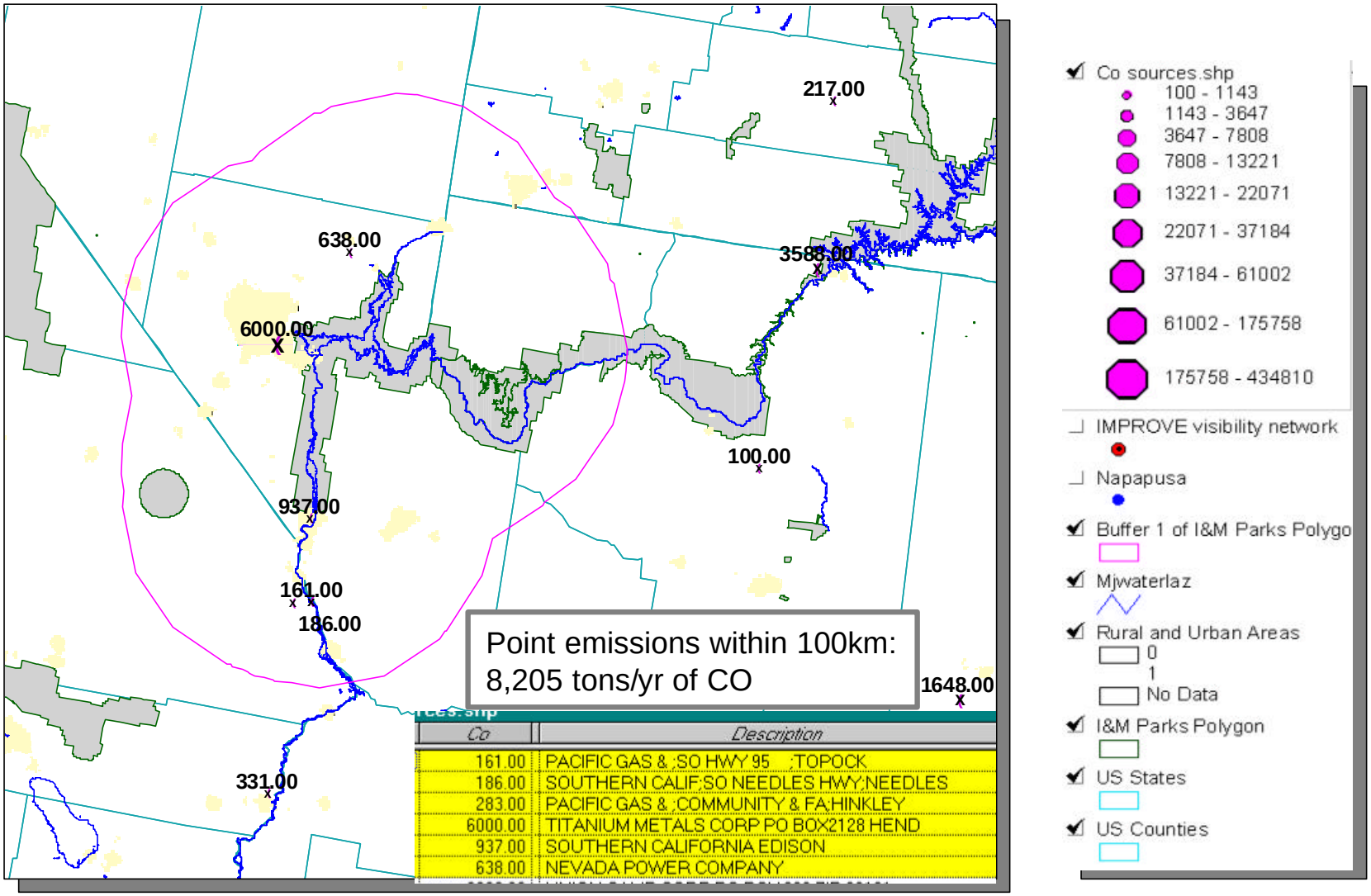
CO Emission Sources for Lake Mead NRA Region



Based on 1990 emission inventory. Urbanized areas (light yellow) based on satellite view of night time lights.

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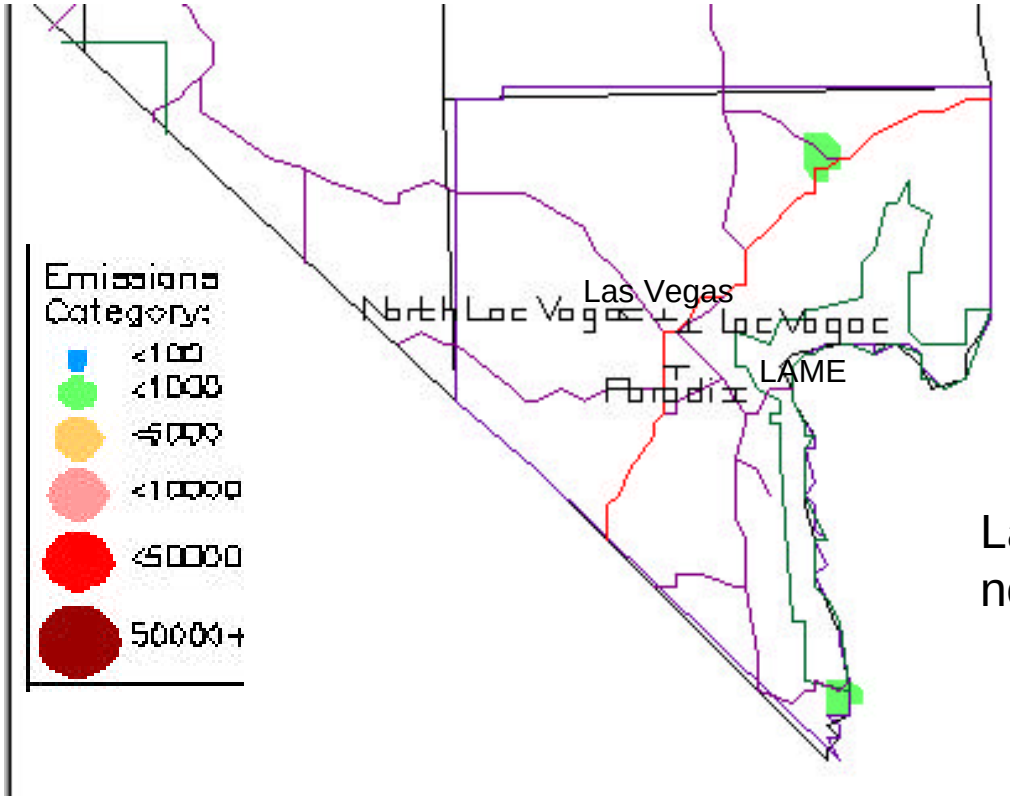
AIRData
US EPA Office of Air and Radiation

Nevada Emissions Summary -- Plants With Emissions of PM25 above 100 Tons/Year in 1999

7 plants selected.



Las Vegas is non-attainment for CO

Measured Annual Mean PM 2.5 for 1999

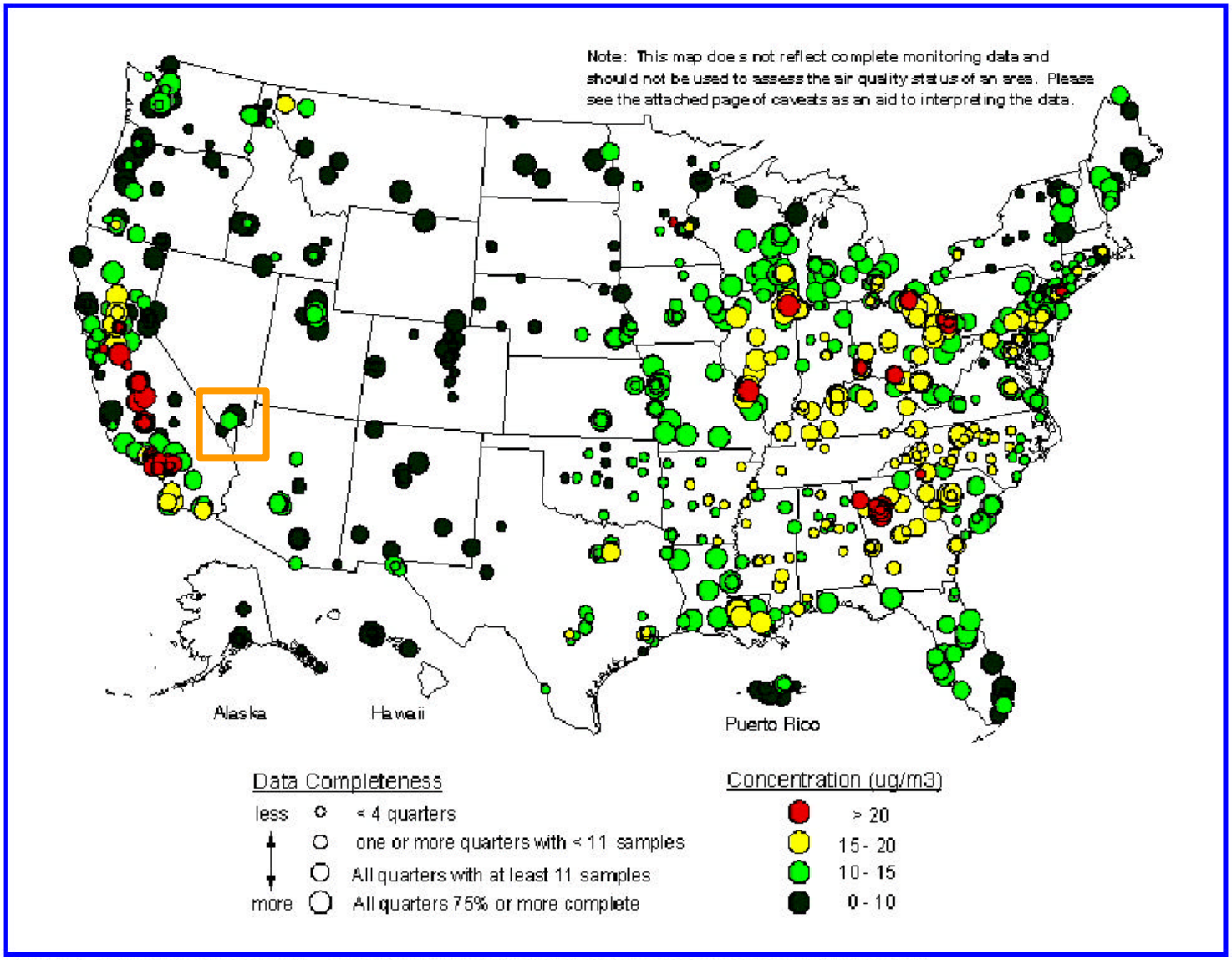


Figure 1. 1999 annual mean $PM_{2.5}$ concentrations (calculated as the mean of each quarterly mean).
Source: U.S. EPA AIRS data base, July 12, 2000.