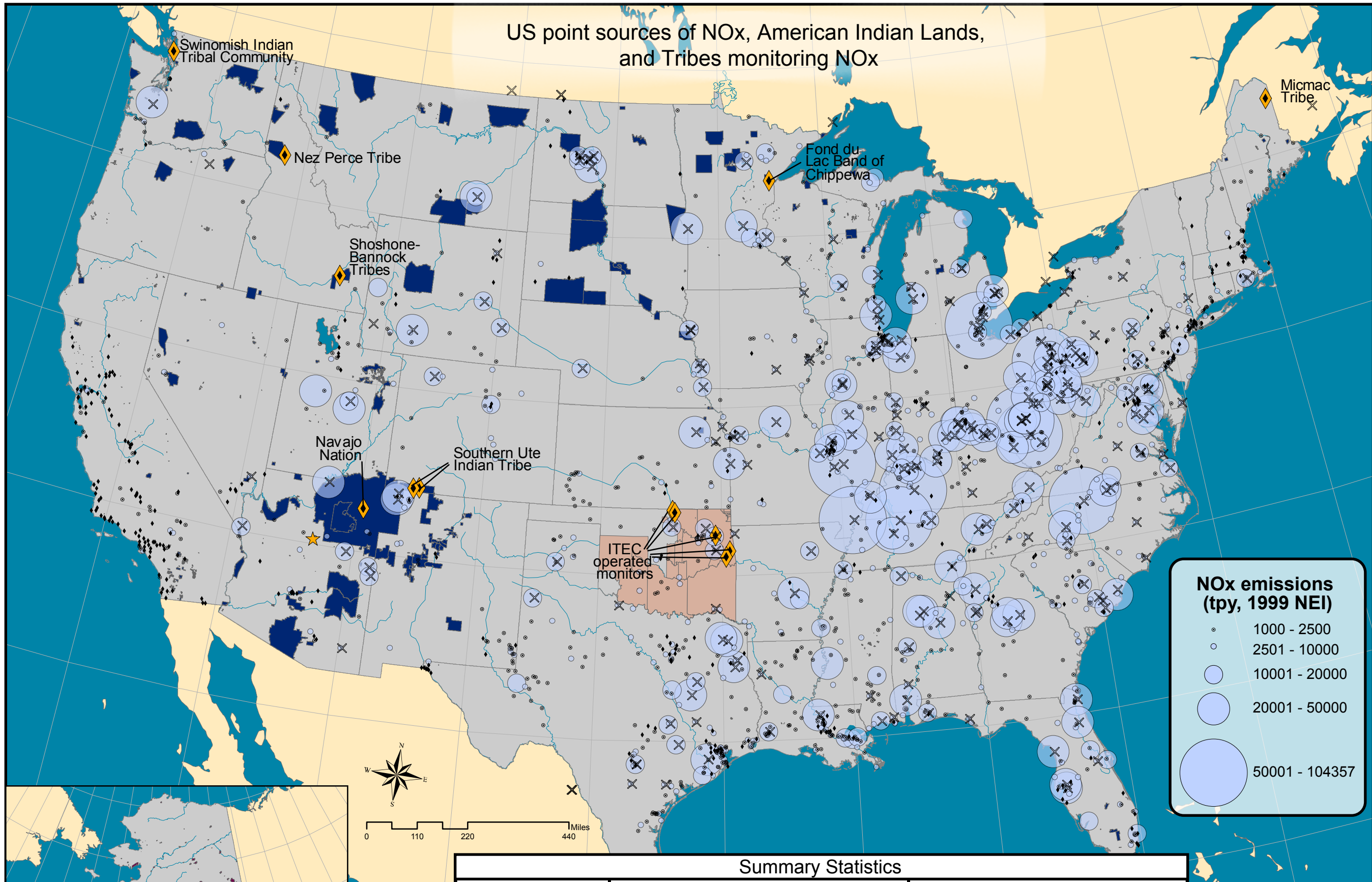


US point sources of NOx, American Indian Lands, and Tribes monitoring NOx



Legend

Tribal lands (2003 BIA)

- American Indian Reservation
- Oklahoma Tribal Statistical Area
- Alaska Native Village Statistical Area

US NOx monitors

- Tribal Monitors
- All other monitors (AQS)
- Coal Fired Power Plants (2002 CEC)
- ITEP at NAU

Data sources

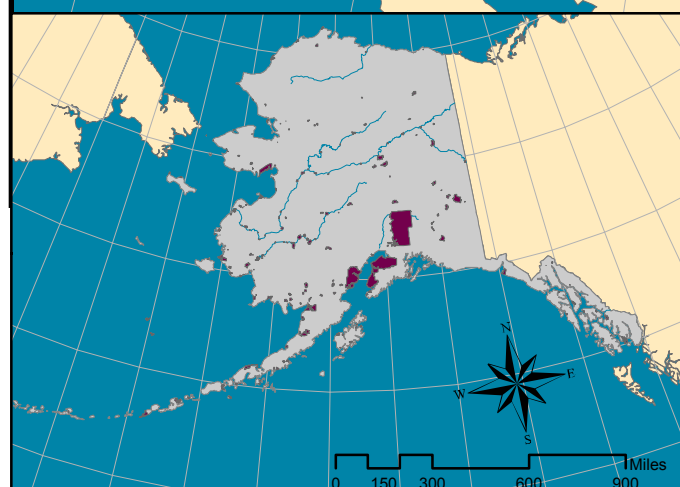
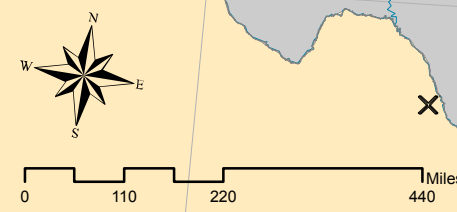
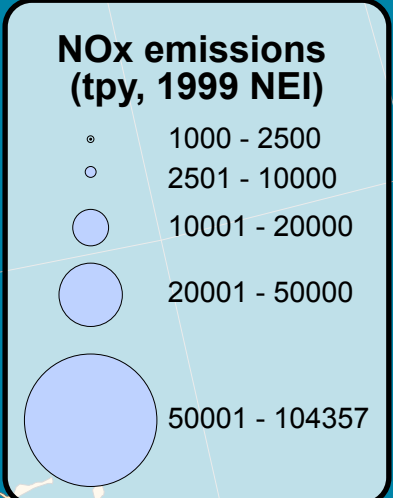
Emissions data:
-1999 National Emissions Inventory (1999 NEI)

Reservation data (boundaries & population):
-2003 BIA reservation shapefiles

NOx monitors:
-Tribal monitors - ITEP 11/2005
AQS network - October 2005, Air-
DATA query

**Tribal lands include federally recognized reservations and parcels, OK statistical areas, & AK villages as delineated by BIA 2003.*

Map created 12/2005, by Joe Cain, ITEP



| Distance from tribal land to point source emitting >100 tons per year NOx | Reservation Population Information | | | Point Source Information | | |
|---|------------------------------------|---------------------------------------|---|-------------------------------------|--------------------------|-------------------------------|
| | Number of Affected Reservations | Total Affected Reservation Population | Percent of Total Reservation Population | Number of Facilities (>100 tpy NOx) | Tonnage of NOx Emissions | Percent of Total US Emissions |
| 5 miles | 91 | 344,691 | 44.1% | 266 | 435,793 | 5.2% |
| 10 miles | 131 | 414,688 | 53.1% | 389 | 630,915 | 7.6% |
| 25 miles | 234 | 565,934 | 72.4% | 766 | 1,213,509 | 14.6% |
| 50 miles | 301 | 642,789 | 82.3% | 1371 | 2,089,756 | 25.2% |
| 100 miles | 338 | 684,671 | 87.6% | 2494 | 3,797,505 | 45.7% |
| United States Total | 567 | 781,501 | 100.0% | 4467 | 8,302,580 | 100.0% |

