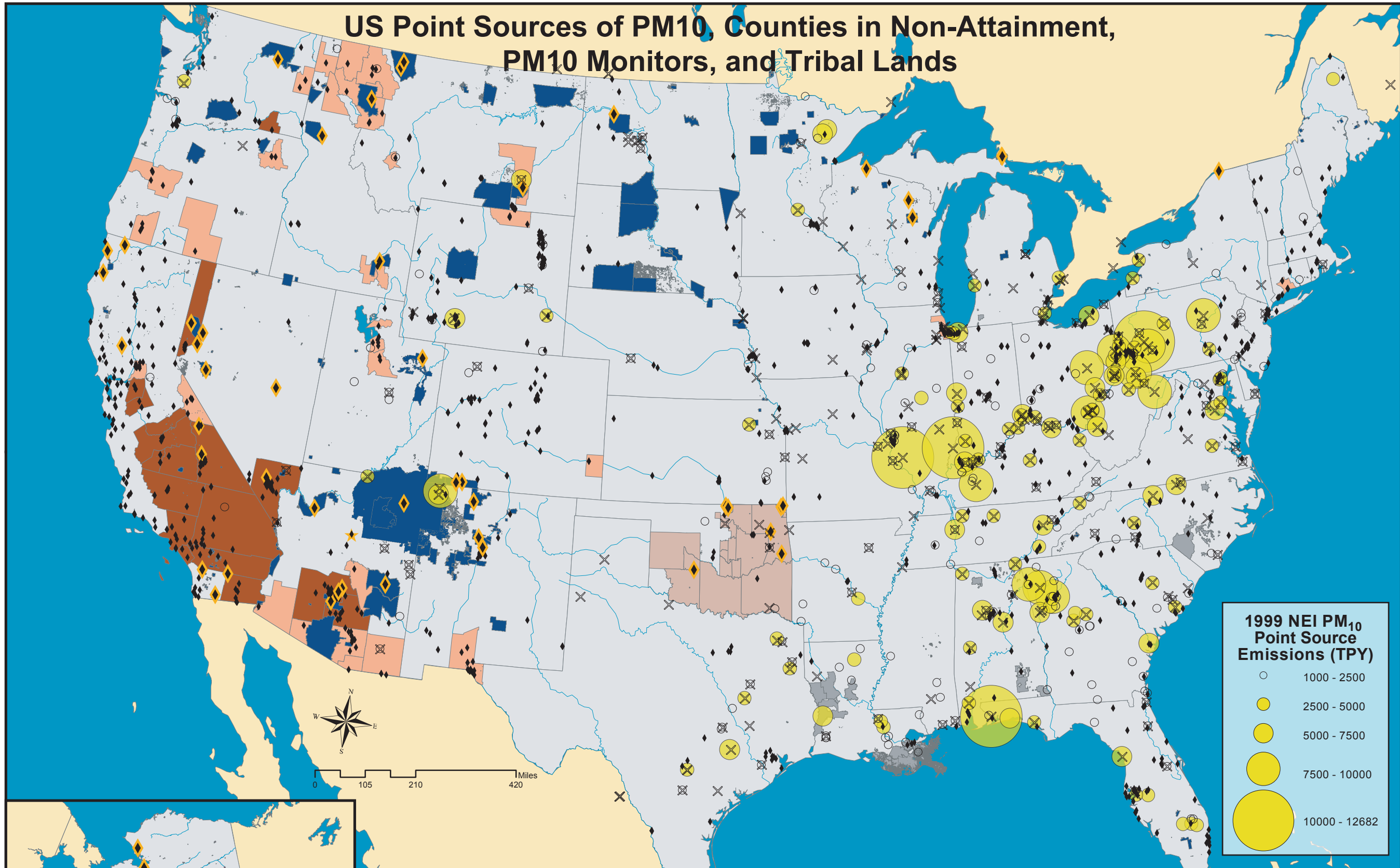


US Point Sources of PM₁₀, Counties in Non-Attainment, PM₁₀ Monitors, and Tribal Lands



Legend

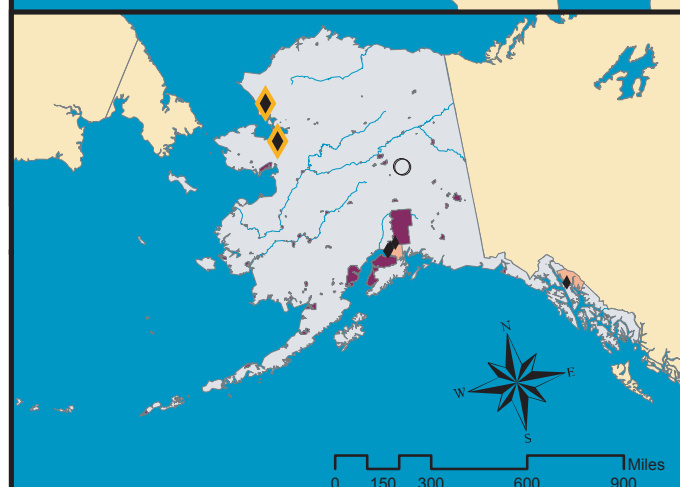
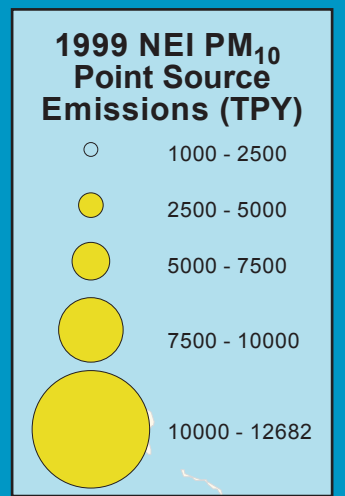
US PM₁₀ Monitors
 ◆ Tribes Monitoring PM₁₀ (ITEP, 2005)
 ◻ Other PM₁₀ Monitors (EPA, 2006)

County PM₁₀ Non-Attainment Classification (EPA, 2006)
 ◻ Moderate
 ◻ Serious

Tribal Lands of the United States
 ■ American Indian Reservation
 ■ Oklahoma Tribal Statistical Area
 ■ Alaska Native Village Statistical Area
 ■ Other Tribal Lands

Other
 ★ ITEP at NAU
 × Coal Fired Power Plants (2002 CEC)

Data Sources:
PM₁₀ Monitors:
 Institute for Tribal Environmental Professionals (ITEP), 2005
 Environmental Protection Agency (EPA), AirData query of AQS, 2006
County Non-Attainment Classifications:
 EPA AirData query, 2006
Tribal Lands of the United States:
 Bureau of Indian Affairs (BIA) shapefile, 2003
 Oklahoma Tribal Statistical Area boundaries from Inter-Tribal Environmental Council, 2003
Coal fired power plant locations:
 North American Commission for Environmental Cooperation (CEC), 2002
Reservation Population Data:
 BIA, 2003
Facility Emissions Data:
 EPA, 1999 National Emissions Inventory (NEI)



Distance from Tribe to Point Source (miles)	Tribal Population Data (BIA, 2003)			Facility Emissions Data (NEI, 1999)		
	Number of Affected Reservations	Total Affected Reservation Population	Percent of Total Reservation Population	Number of facilities that emit > 100 tpy PM ₁₀	Total Emissions (tpy)	Percent of Total US PM ₁₀ Emissions
5	57	286,140	38.0%	97	51,639	3.7%
10	100	347,937	46.2%	157	78,576	5.6%
25	207	495,377	65.8%	331	177,158	12.5%
50	288	595,272	79.1%	631	356,470	25.2%
100	347	669,997	89.1%	1112	667,608	47.2%
All US	576	752,374	100.0%	2045	1,414,756	100.0%



Map Created by:
Joseph Cain, ITEP. 1/12/2006