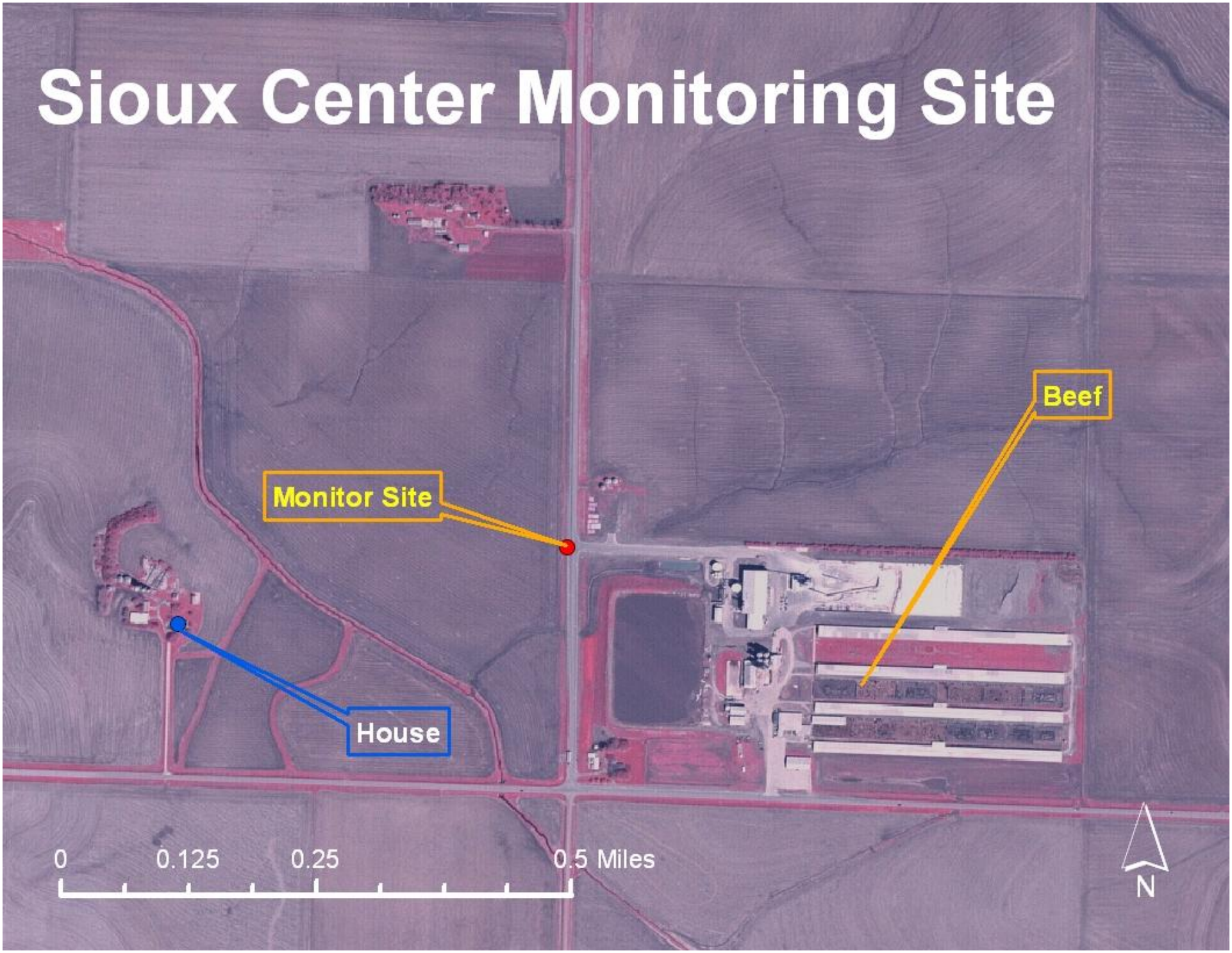
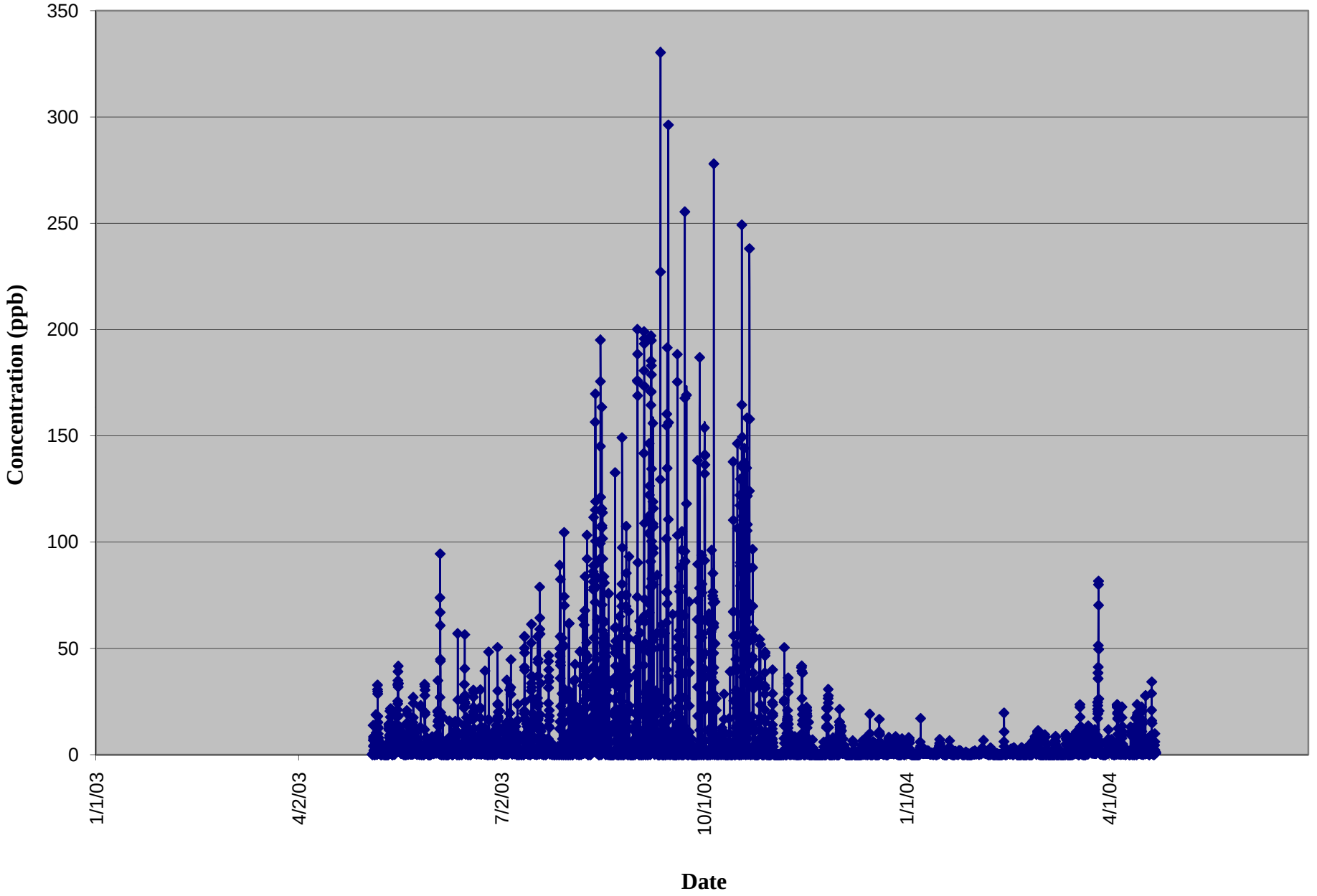
Sioux Center

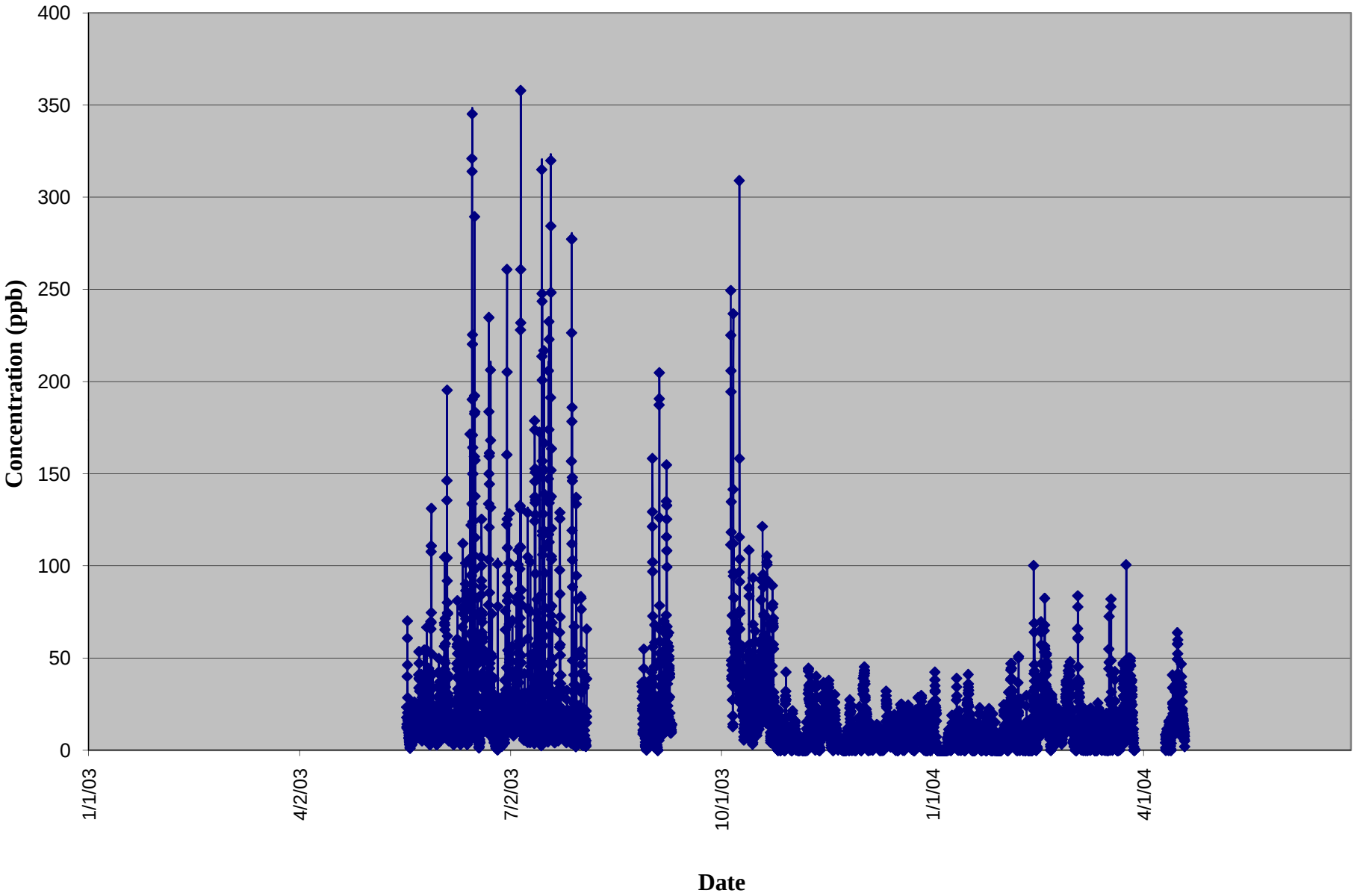
The Sioux Center monitoring site was located in Sioux County, Iowa. Monitoring at the Sioux Center site for ammonia began on May 18, 2003 and for hydrogen sulfide on May 5, 2003. Monitoring for ammonia ended on April 19, 2004 and monitoring for hydrogen sulfide ended on April 22, 2004. This monitoring site was located near a Beef Cattle operation owned by Sioux Co-op and permitted for 13,000,000 pounds of livestock. The monitors were located in ambient air, on property associated with a residence. The new monitoring siting criteria, adopted in 2004, were not met because the monitor was too far away from any house. Sioux Center has an AQS identification number of 19-167-0003.


Sioux Center Monitoring Site
Beef
Monitor Site
House
0
0.125
0.25
0.5 Miles
N

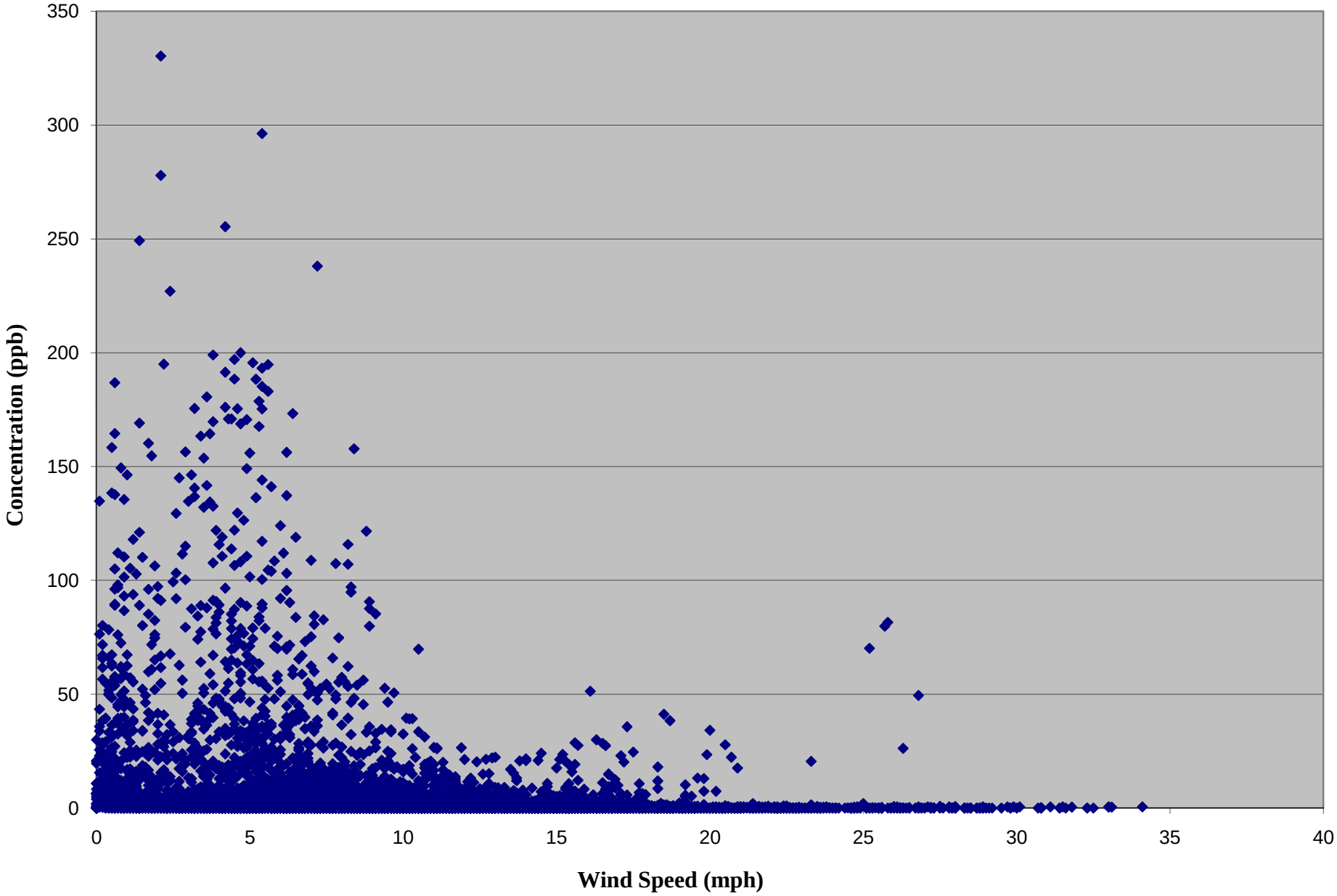
Sioux Center CAFO: Hydrogen Sulfide vs Time (2003-2004)



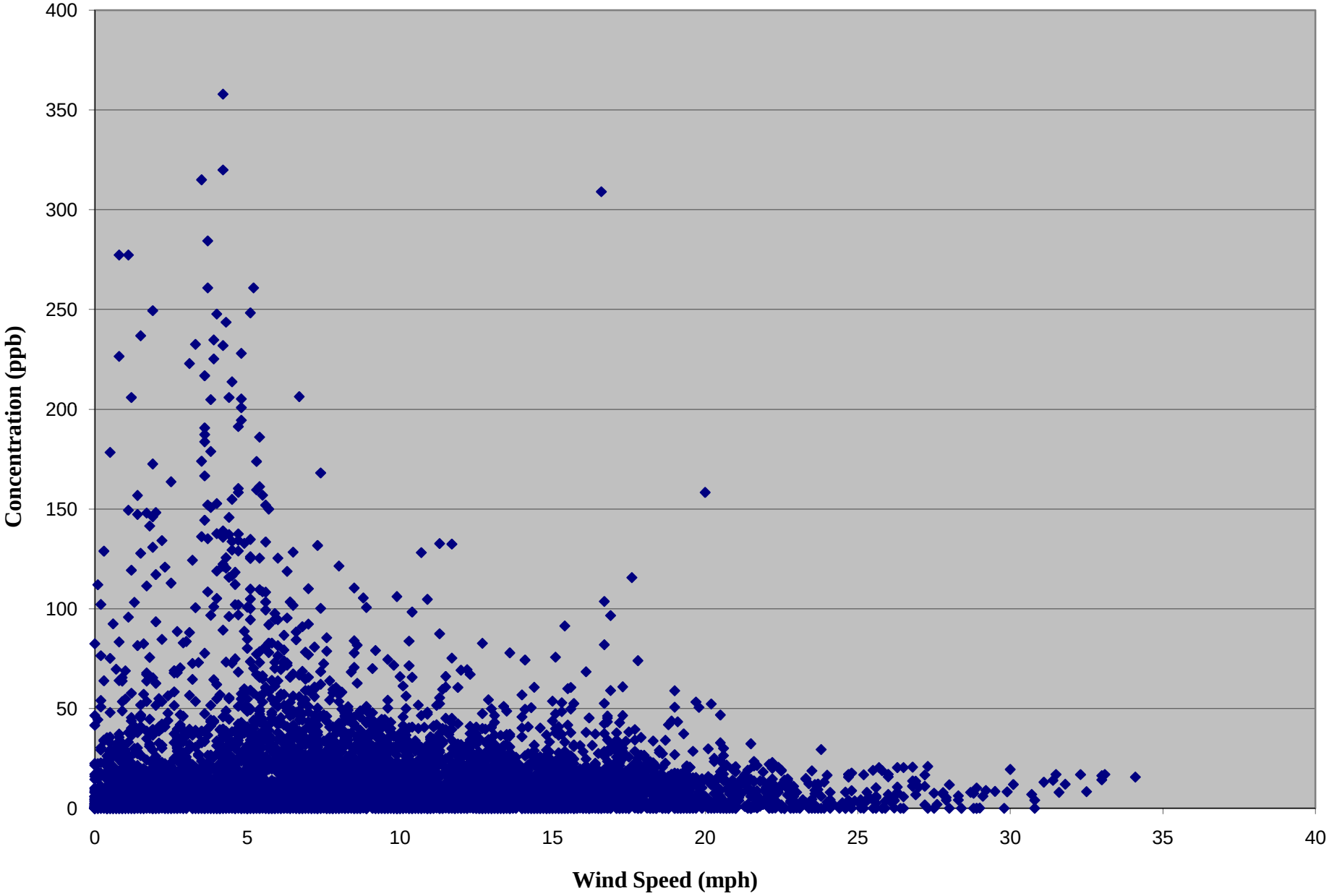
Sioux Center CAFO: Ammonia vs Time (2003-2004)



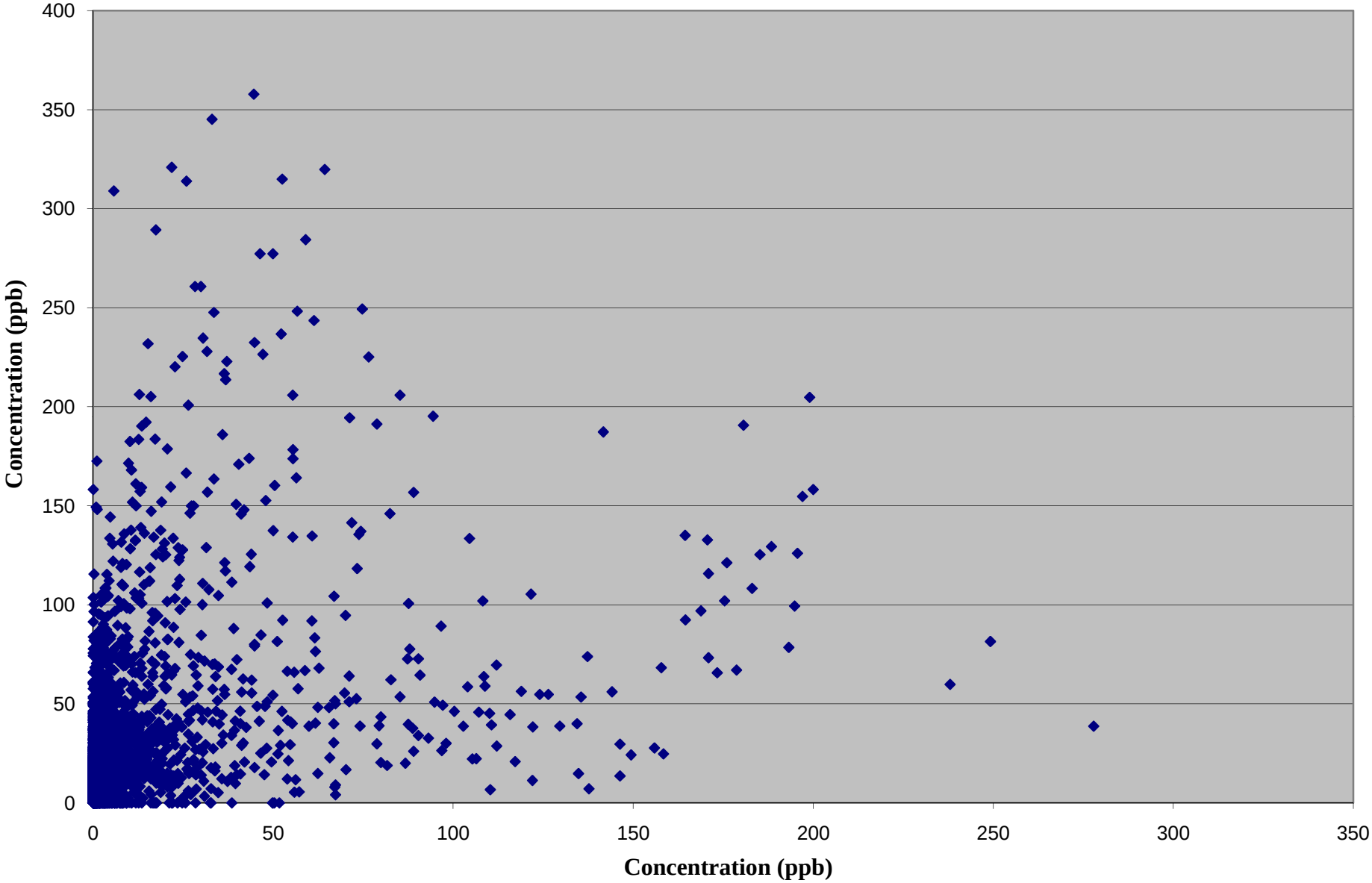
Sioux Center CAFO: Hydrogen Sulfide vs Wind Speed (2003-2004)



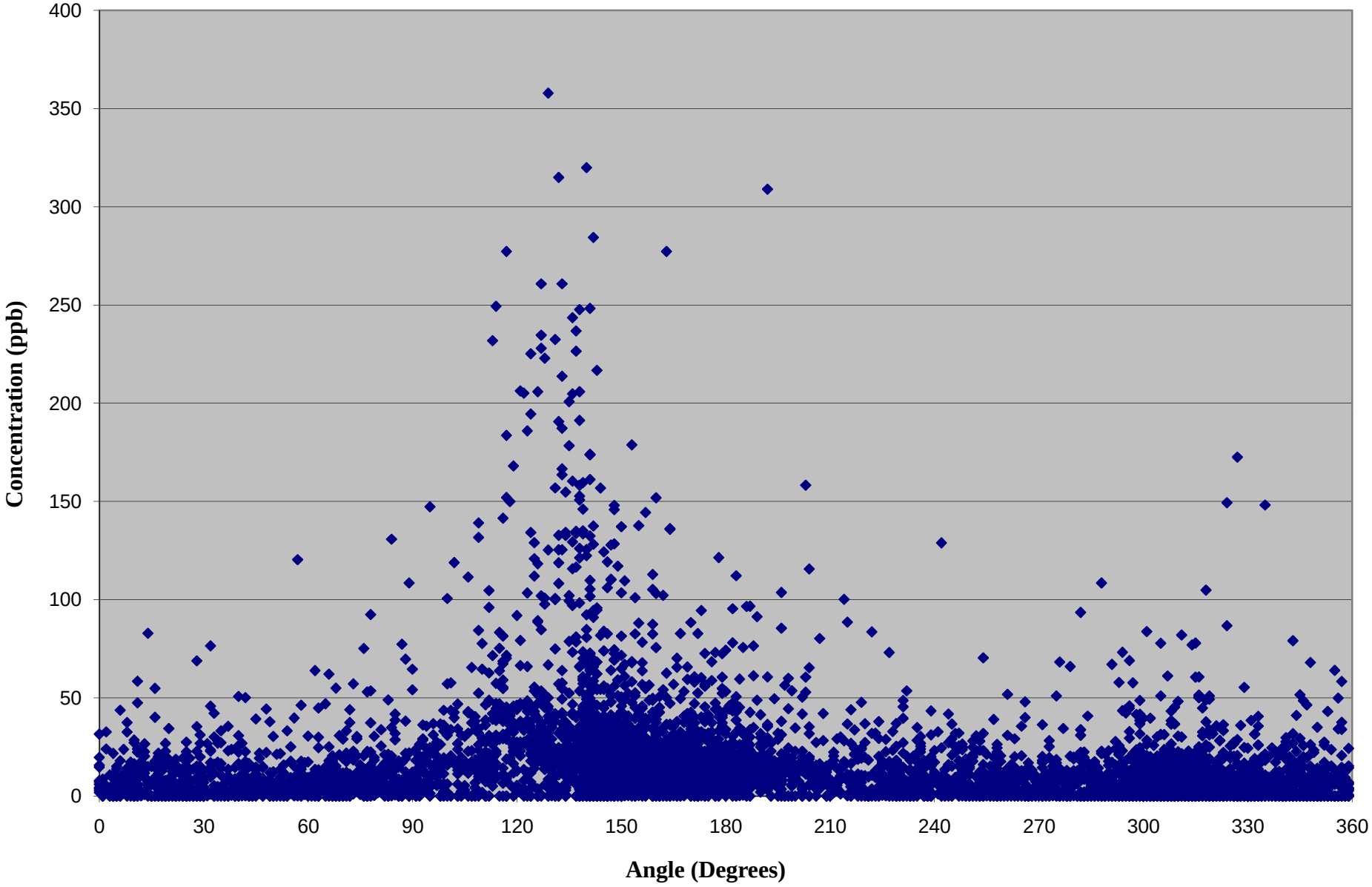
Sioux Center CAFO: Ammonia vs Wind Speed (2003-2004)



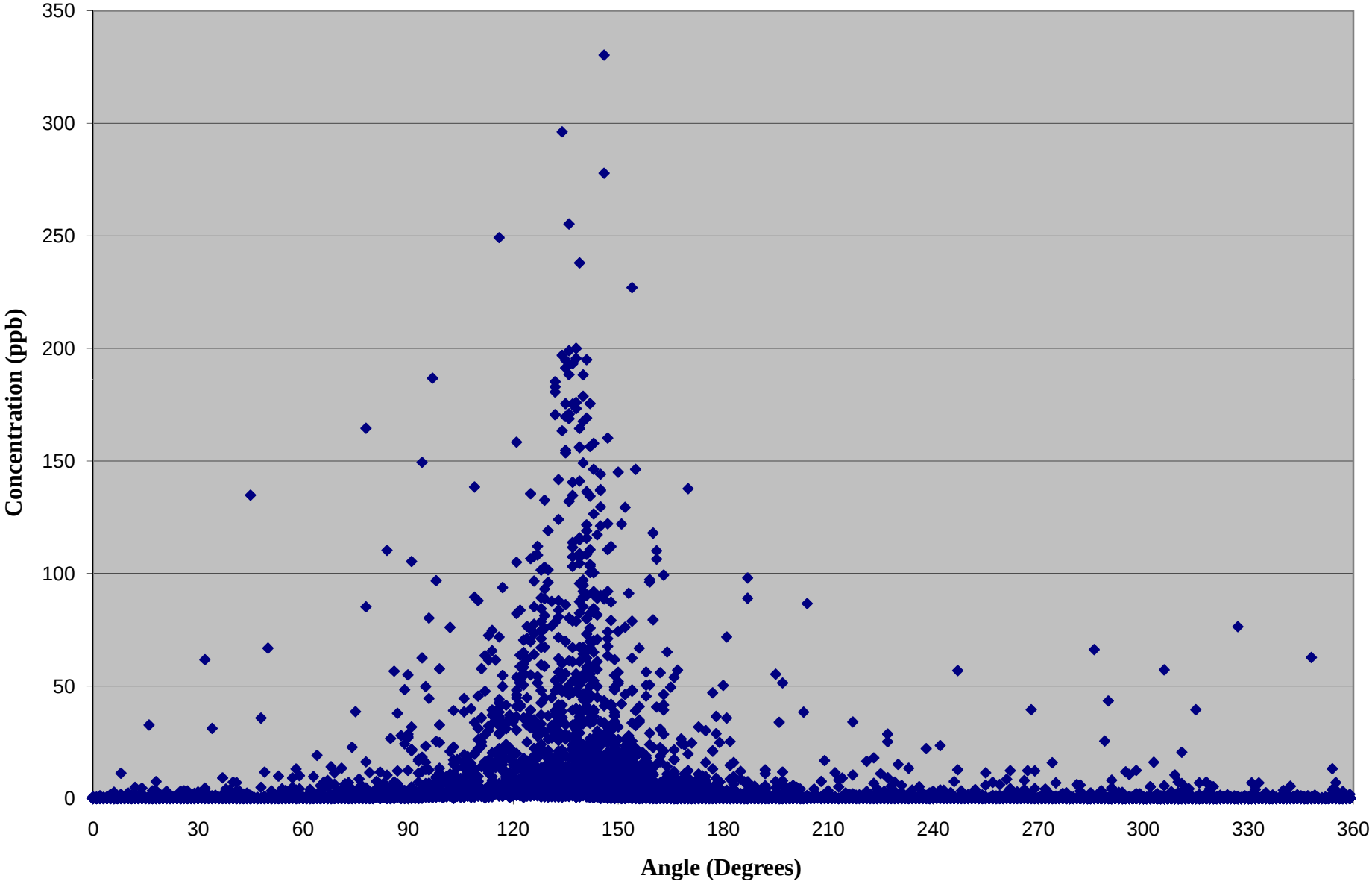
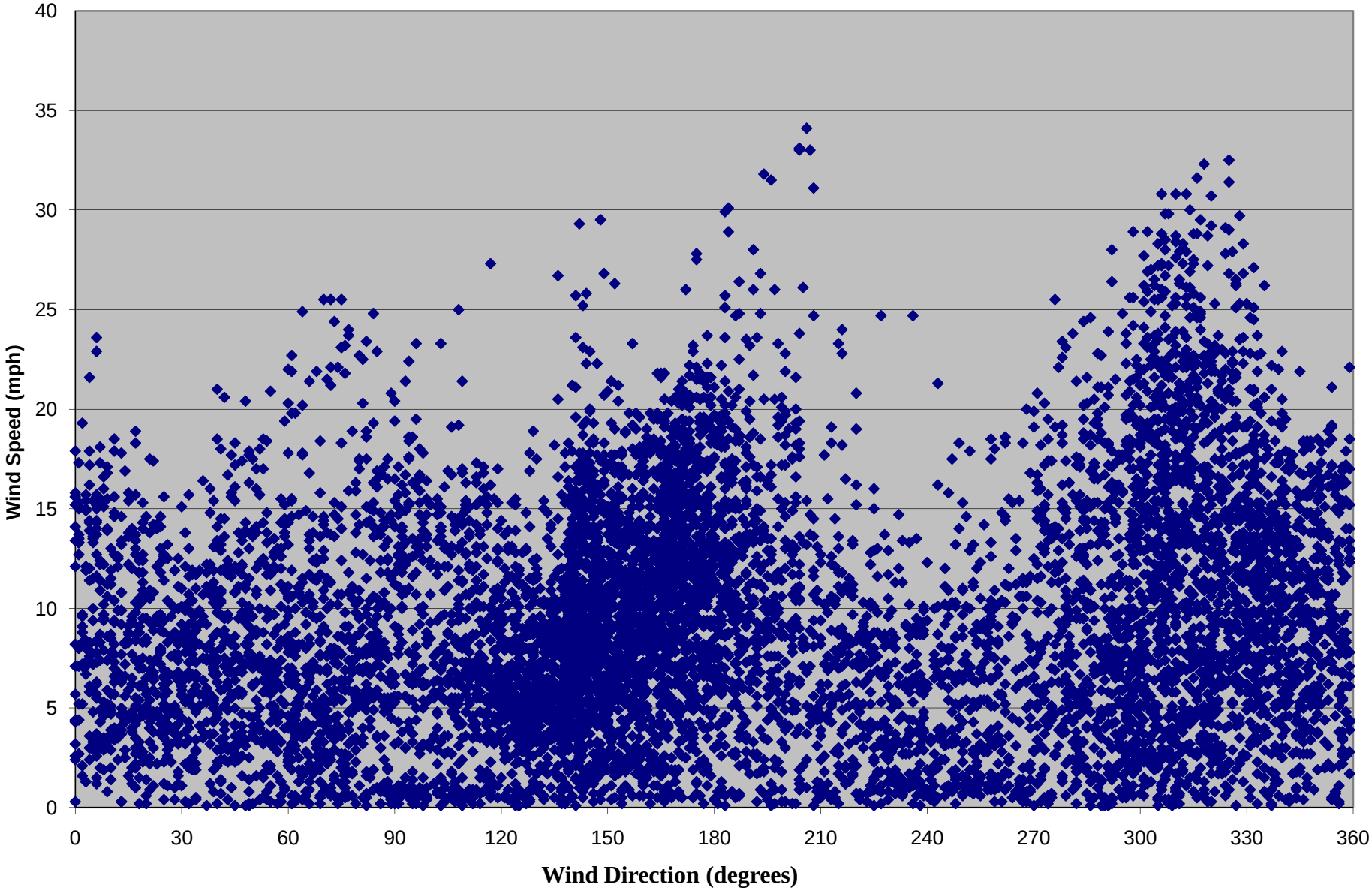
Sioux Center CAFO: Ammonia vs Hydrogen Sulfide (2003-2004)



Sioux Center CAFO: Ammonia vs Wind Direction (2003-2004)



Sioux Center CAFO: Hydrogen Sulfide vs Wind Direction (2003-2004)



Sioux Center CAFO: Wind Speed vs Wind Direction (2003-2004)