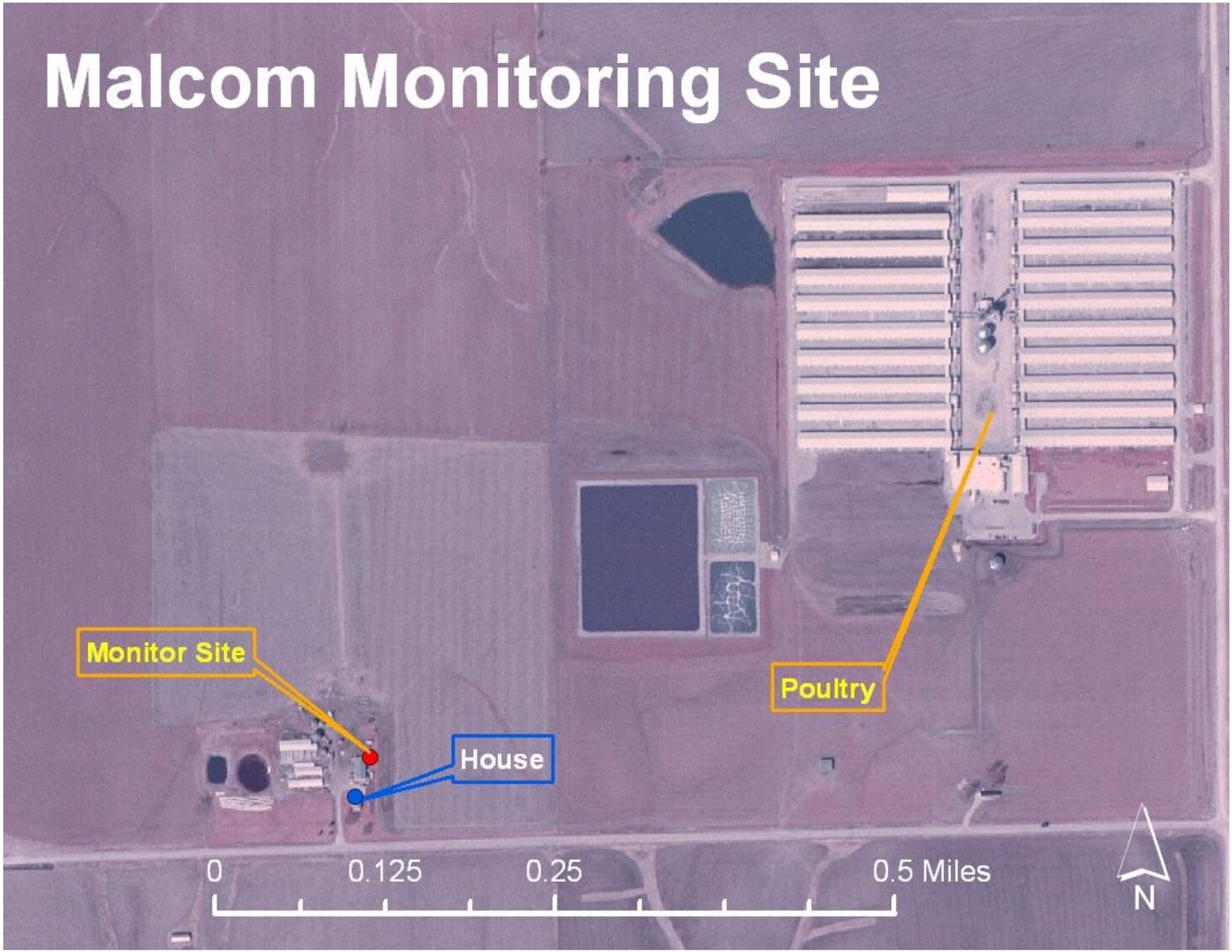
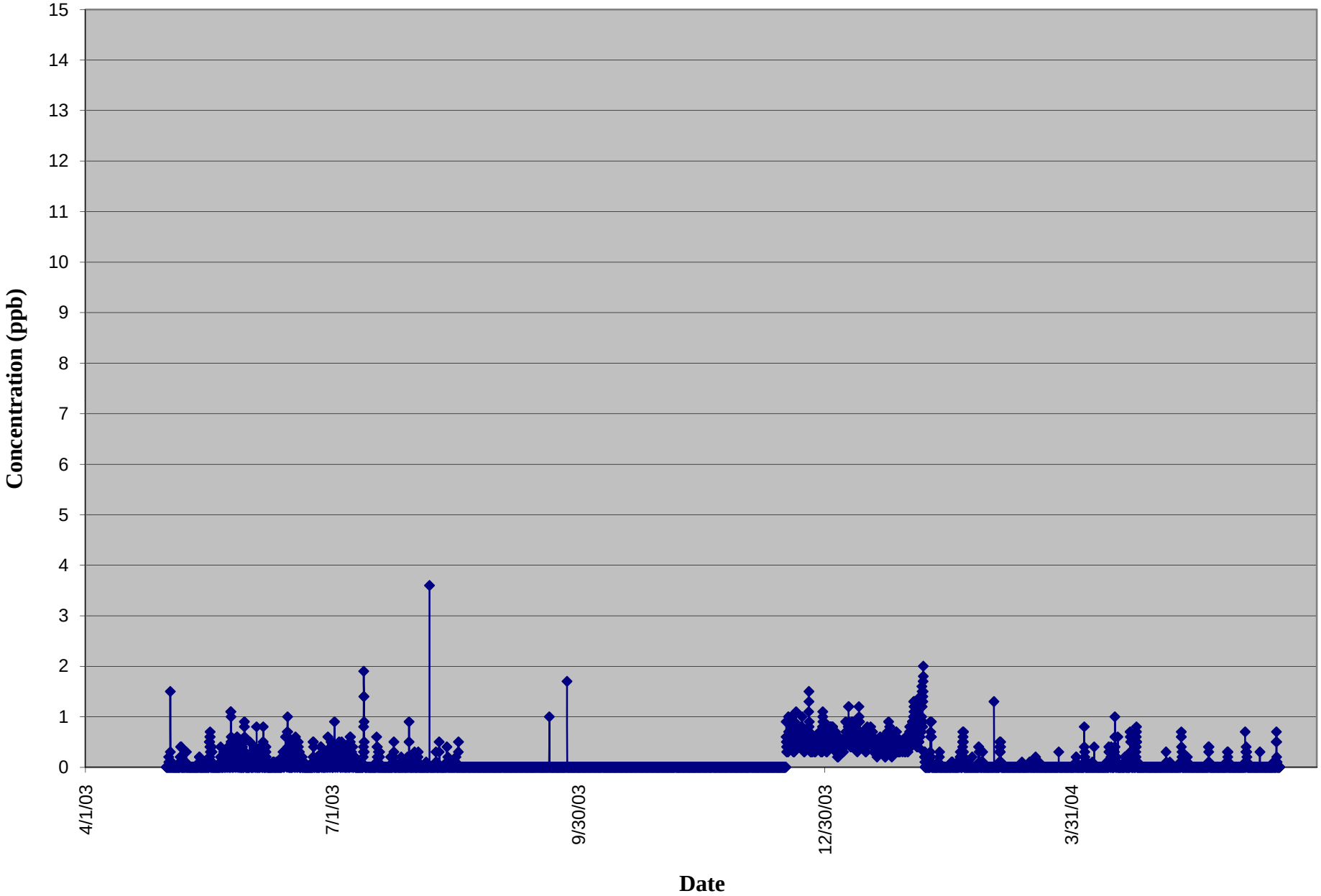
Malcom

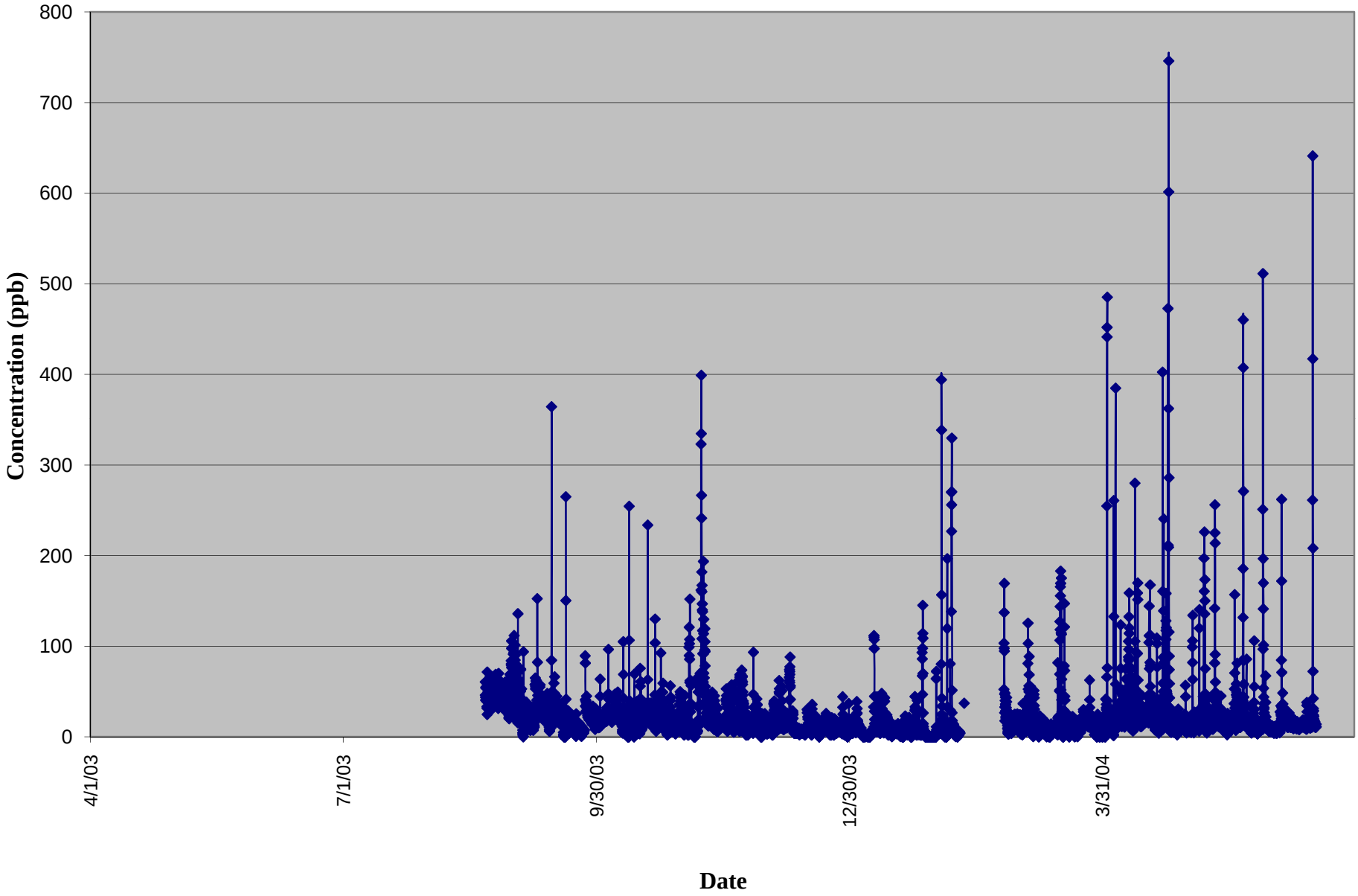
The Malcom monitoring site was located in Poweshiek County, Iowa. Monitoring at the site began on August 21, 2003 and May 1, 2003 for ammonia and hydrogen sulfide respectfully. Monitoring for both gases ended on June 16, 2004. This monitoring site was located near a Poultry operation owned by Fremont Farms and permitted for 15,600,000 pounds of livestock. The monitors were located in ambient air, on property associated with a residence, and near a house. Fremont Farms had an original construction permit issued on June 19, 1998. Since the permit was issued before April 1, 2002, the facility stored manure in dry form and had an egg-break water storage structure there was no separation distance requirement and the storage structure was not subject to AFO rules. This removed the site from the network and monitoring was stopped. Malcom has an AQS identification number of 19-157-0005.


Malcom Monitoring Site
Monitor Site
House
Poultry
0
0.125
0.25
0.5 Miles
N

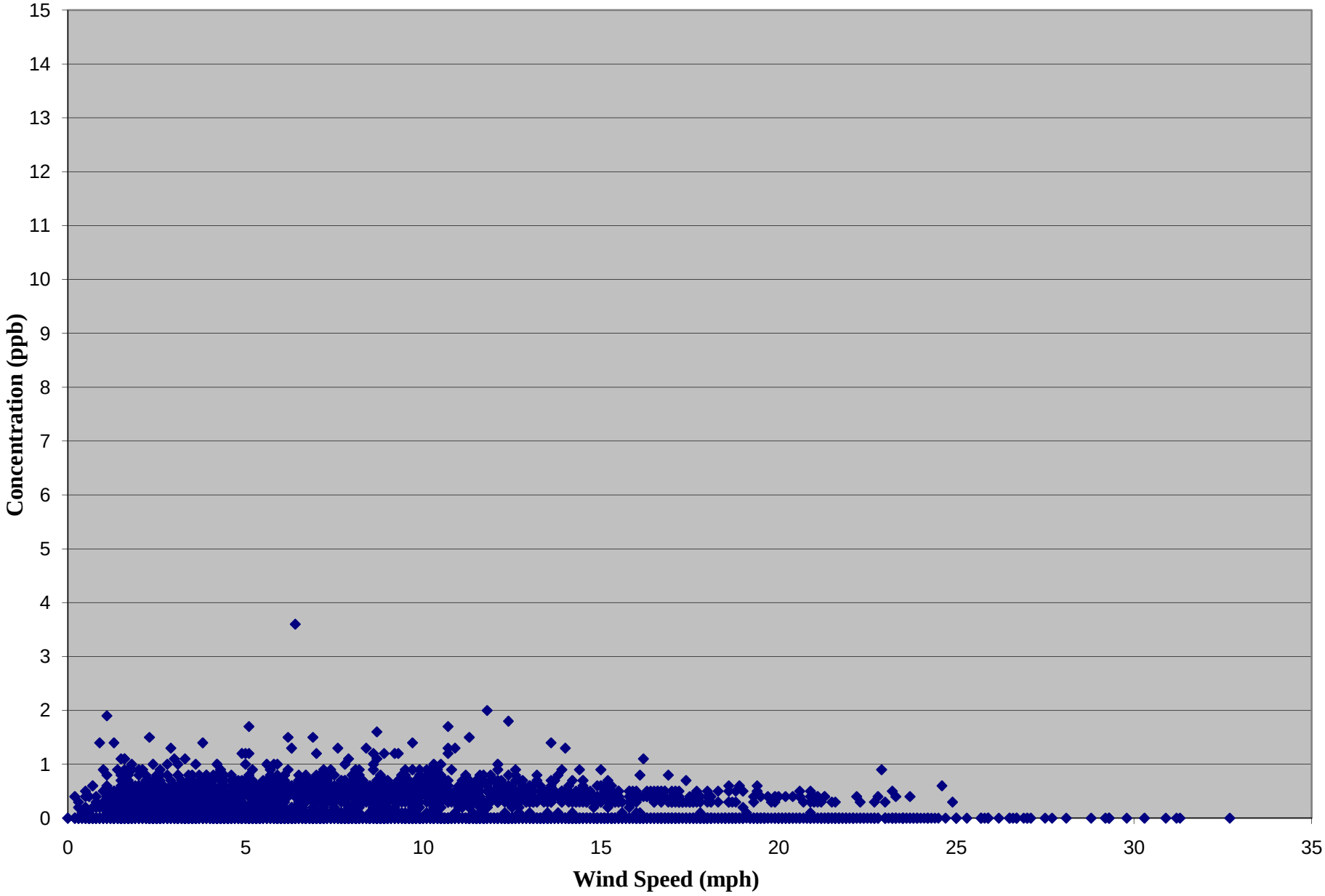
Malcom CAFO: Hydrogen Sulfide vs Time (2003-2004)



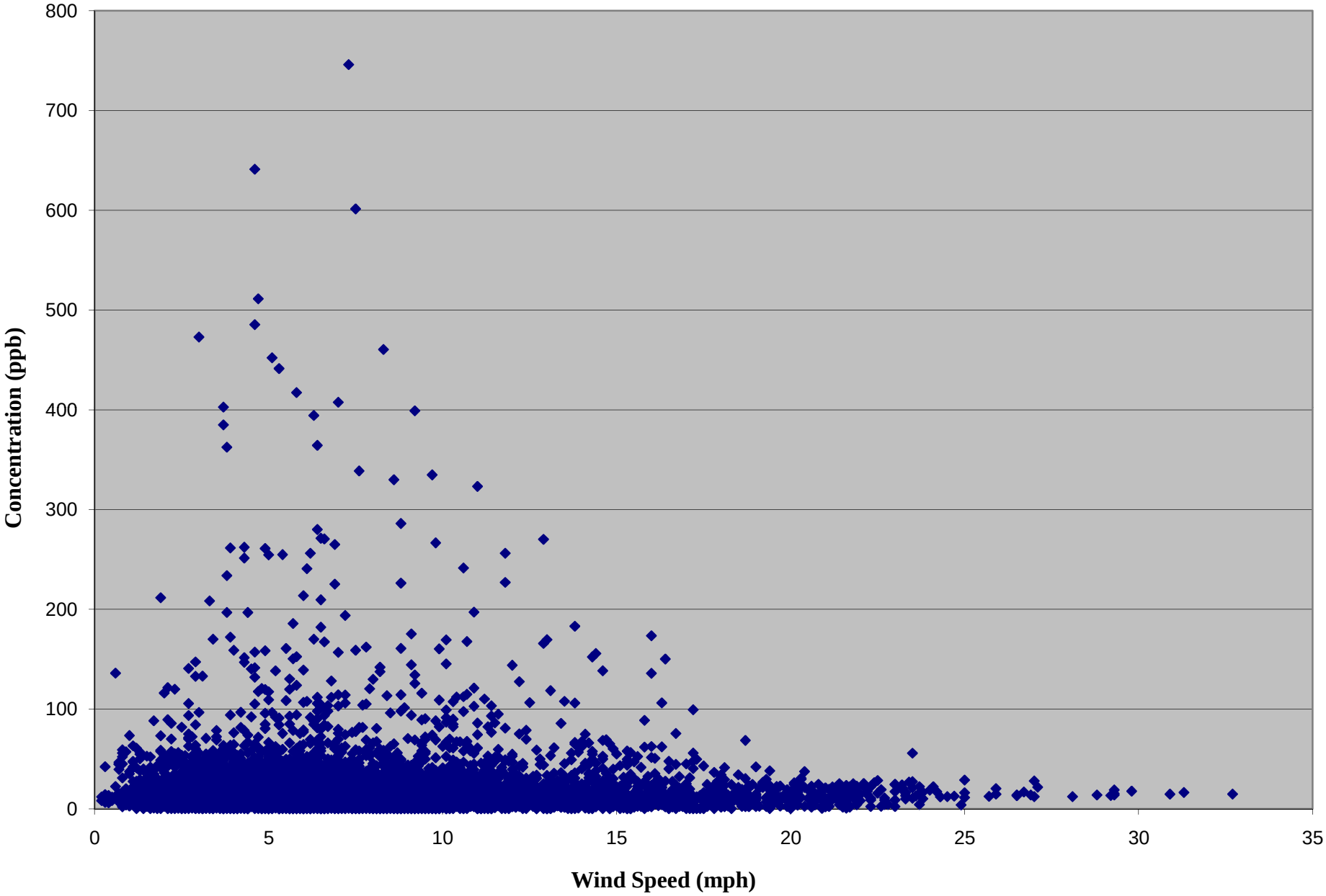
Malcom CAFO: Ammonia vs Time (2003-2004)



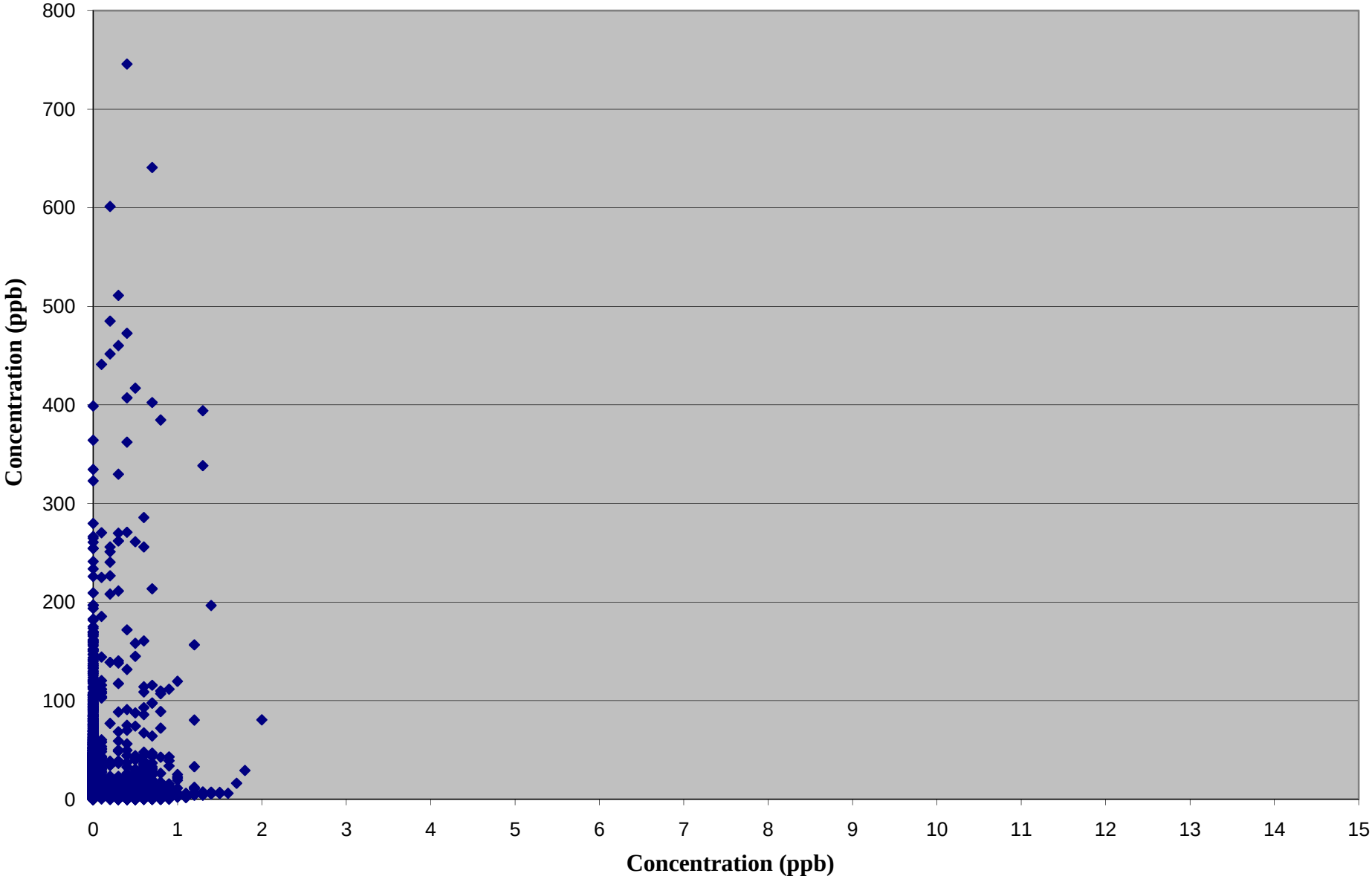
Malcom CAFO: Hydrogen Sulfide vs Wind Speed (2003-2004)



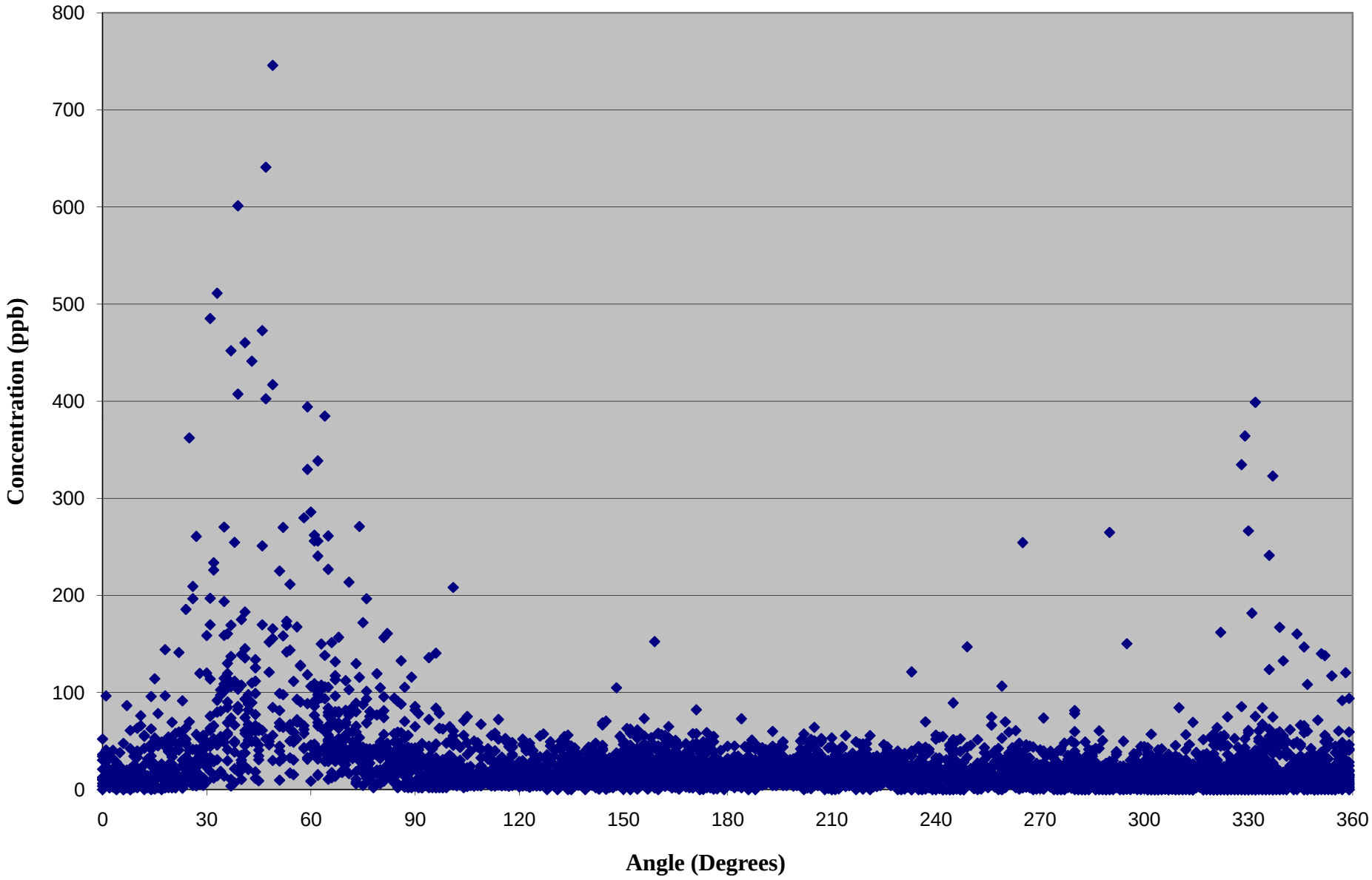
Malcom CAFO: Ammonia vs Wind Speed (2003-2004)



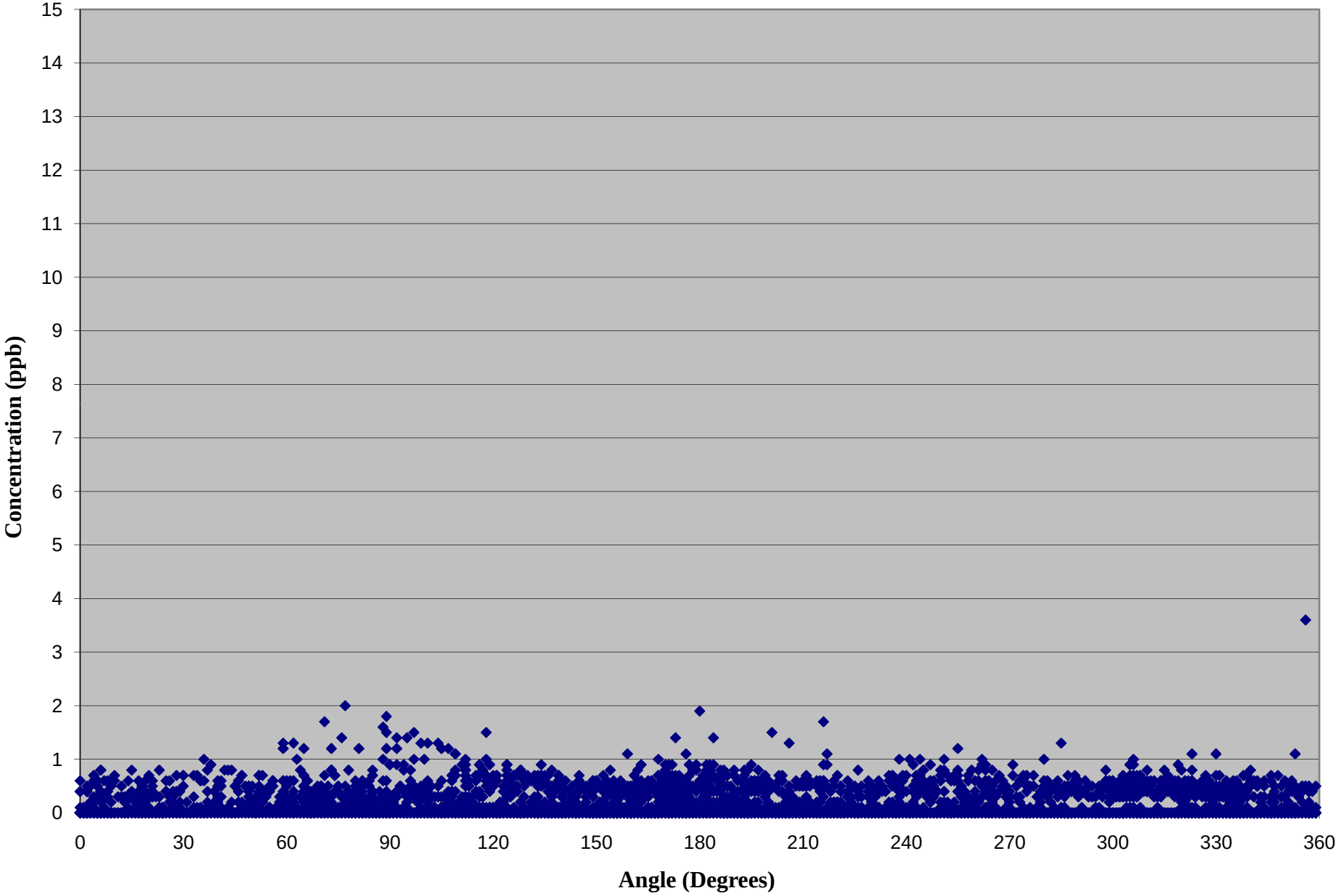
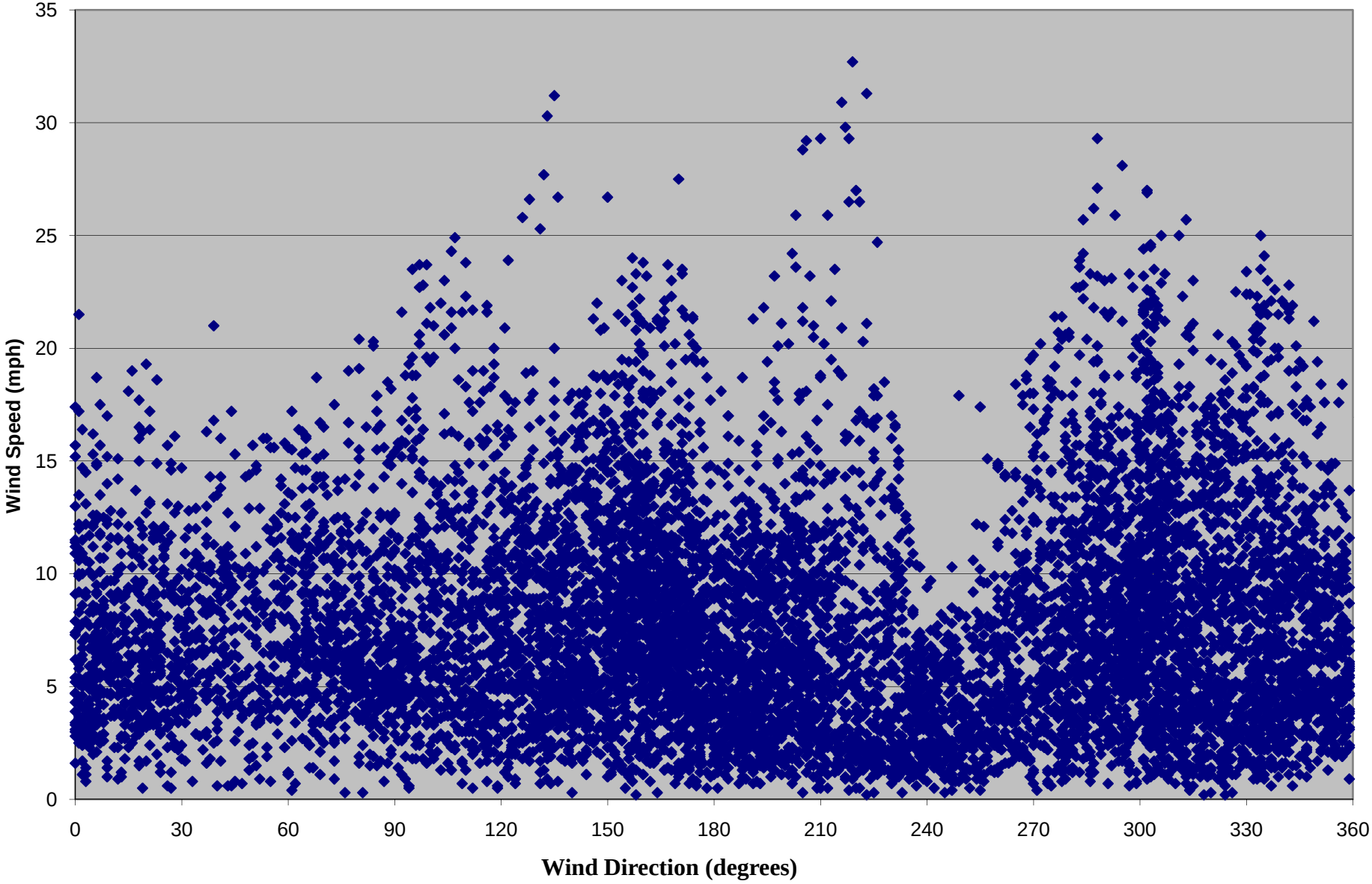
Malcom CAFO: Ammonia vs Hydrogen Sulfide (2003-2004)



Malcom CAFO: Ammonia vs Wind Direction (2003-2004)



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



Malcom CAFO: Wind Speed vs Wind Direction (2003-2004)