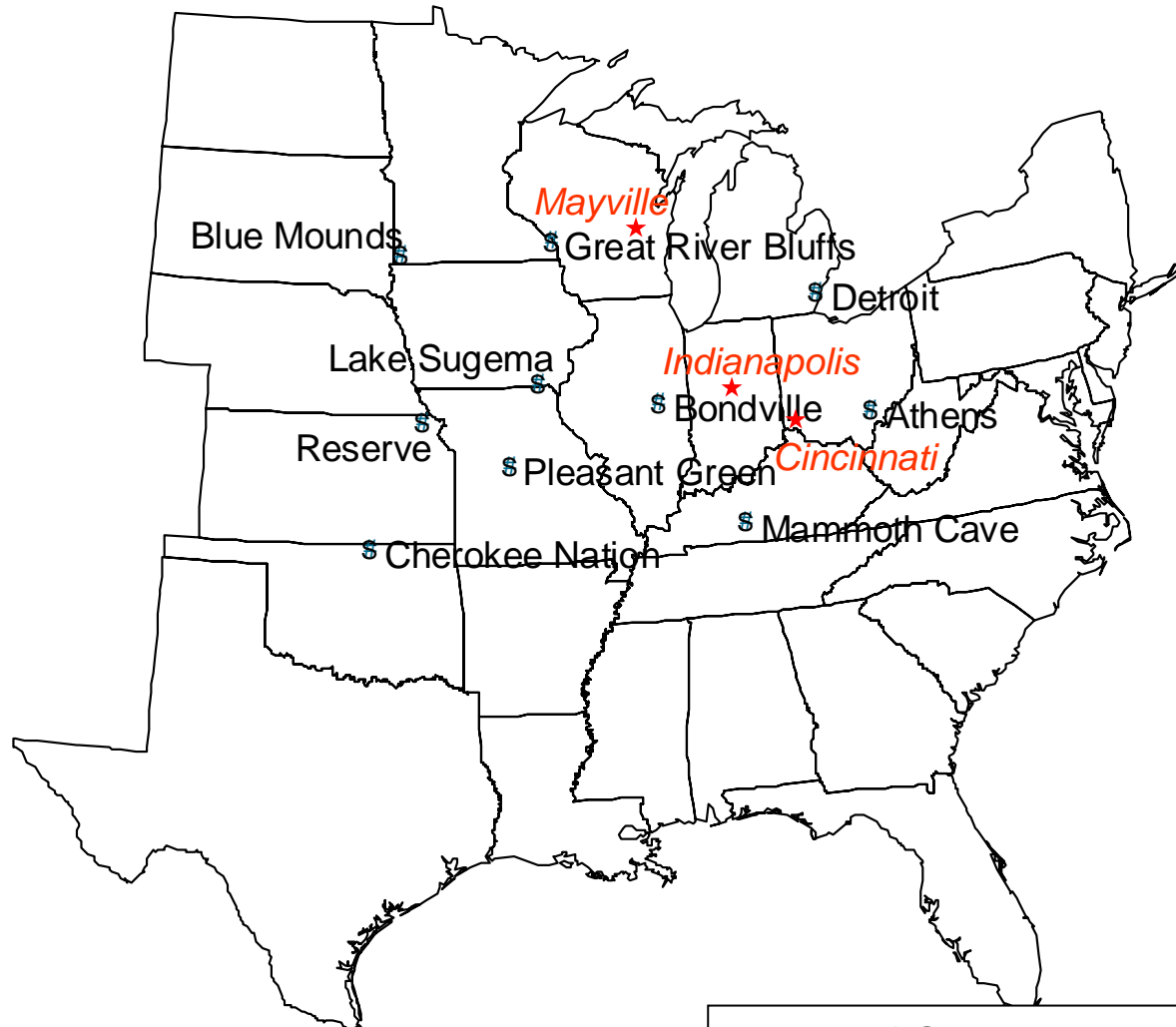
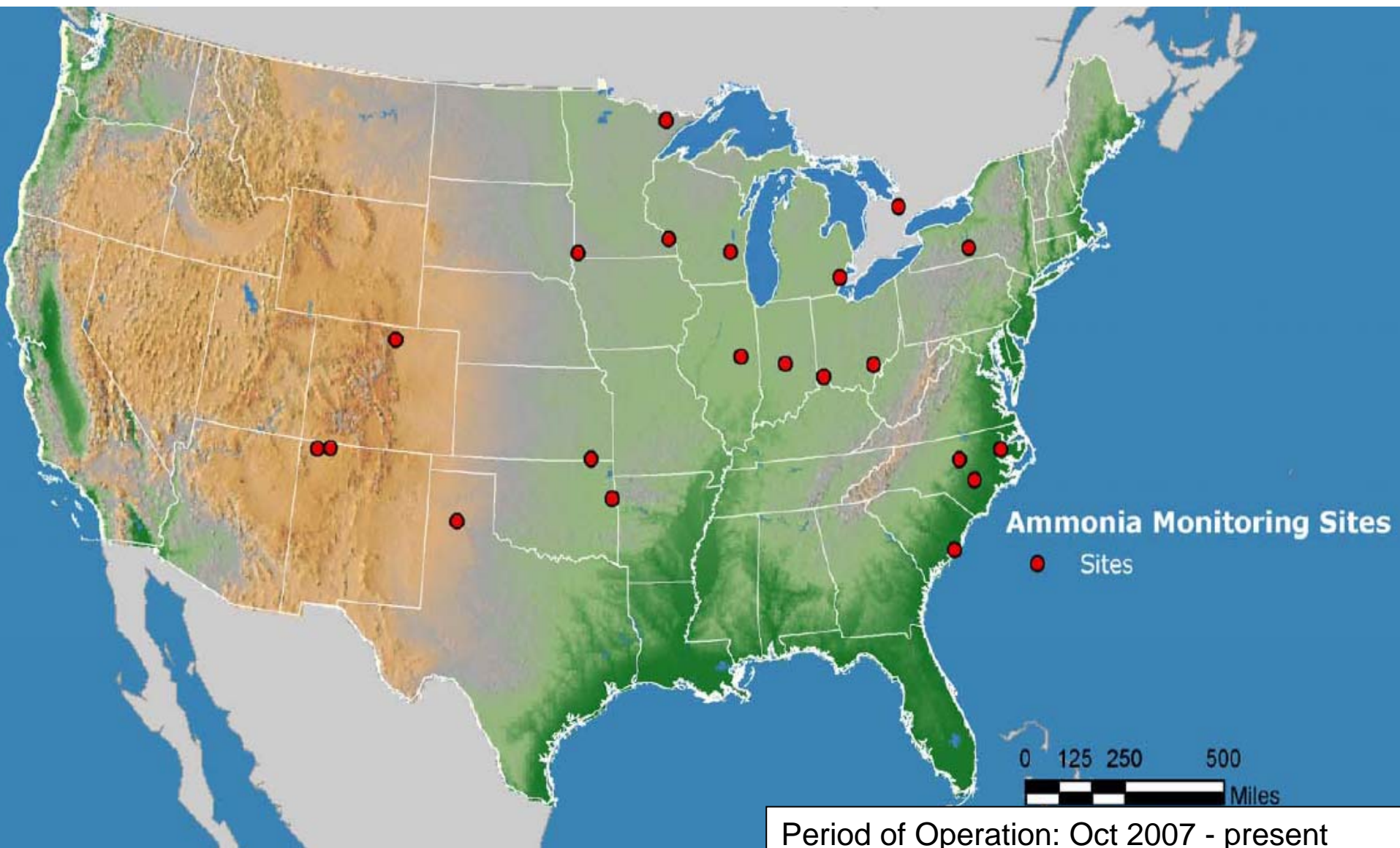


LADCO-CENRAP NH₃ Network



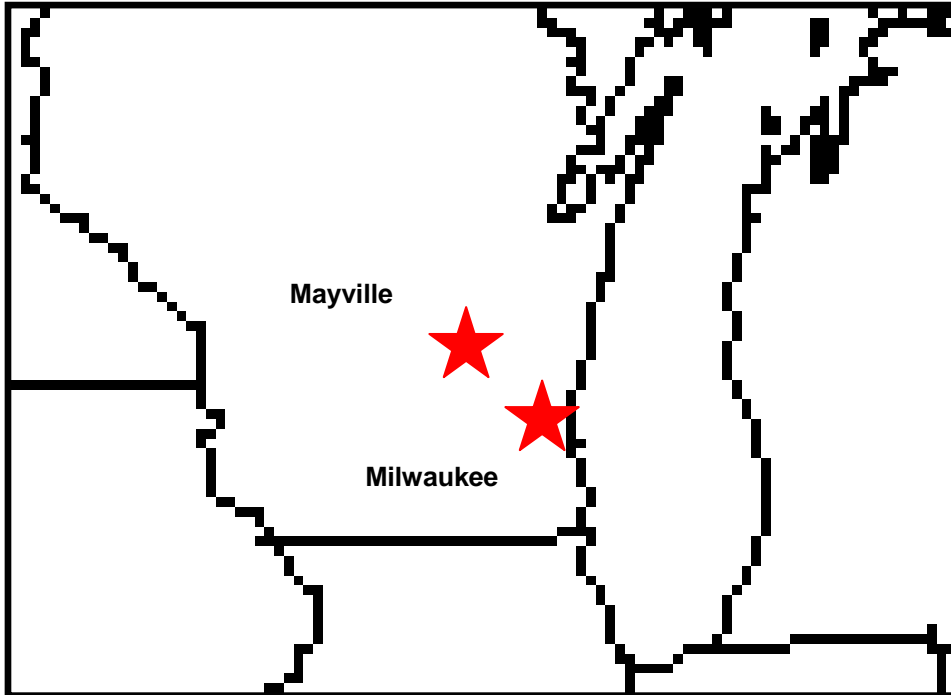
Period of Operation: Late 2003 – Mid 2006
Measurements: 24-hr sample, 1-in-6 day

National Passive NH₃ Monitoring Network



Period of Operation: Oct 2007 - present
Measurements: 2-week integrated sample

Winter Nitrate Study



Purpose: Improve understanding of role of ammonia and meteorology in winter $PM_{2.5}$ episodes

Tasks

(1) Sampling: Collect continuous measurements of NH_3 , HNO_3 , NO_y , sulfates, and nitrates at two sites in Wisconsin (December 2008 – March 2009)

(2) Data Analysis: Examine spatial and temporal relationships of ammonia and particulate nitrate, and assess relative effectiveness of reductions in ammonia and nitric acid on $PM_{2.5}$

