

Aerosol composition measurements from the C-130



3/10 Flight ~9PM UTC

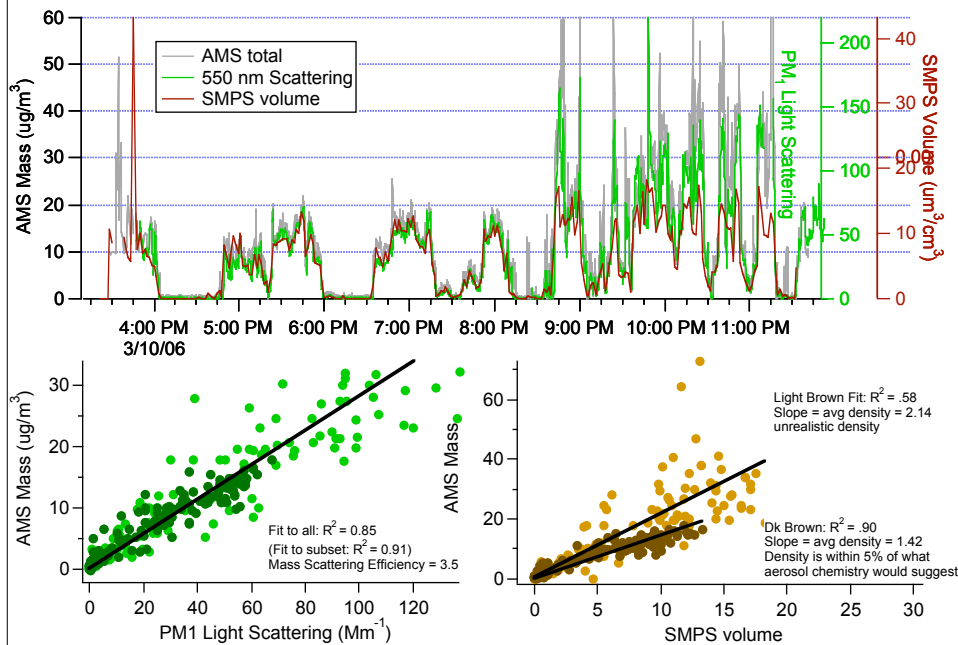
Peter DeCarlo, Ed Dunlea, Allison Aiken, Ingrid Ulbrich, Joel Kimmel, Jose-Luis Jimenez, John Crouse, Paul Wennberg, and Teresa Campos



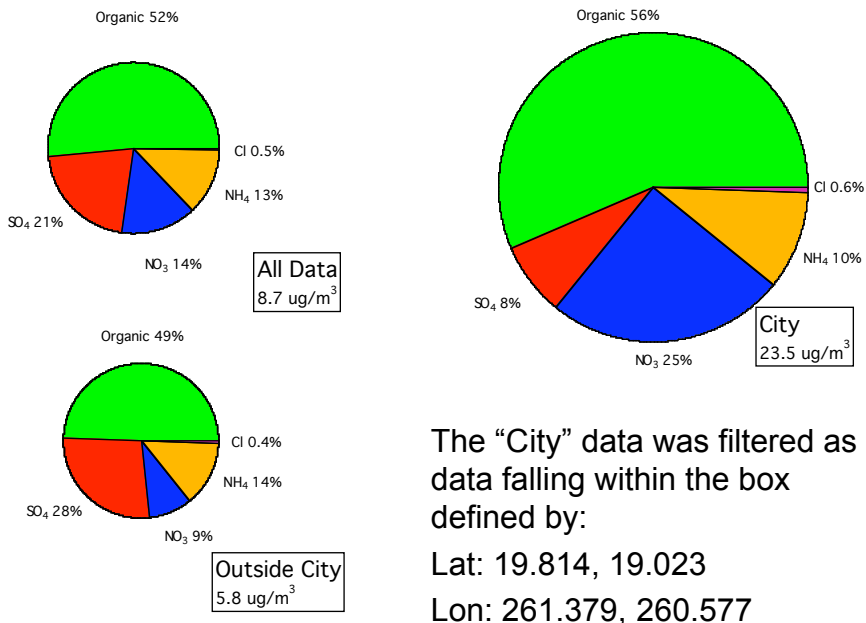
Email: decarlop@colorado.edu



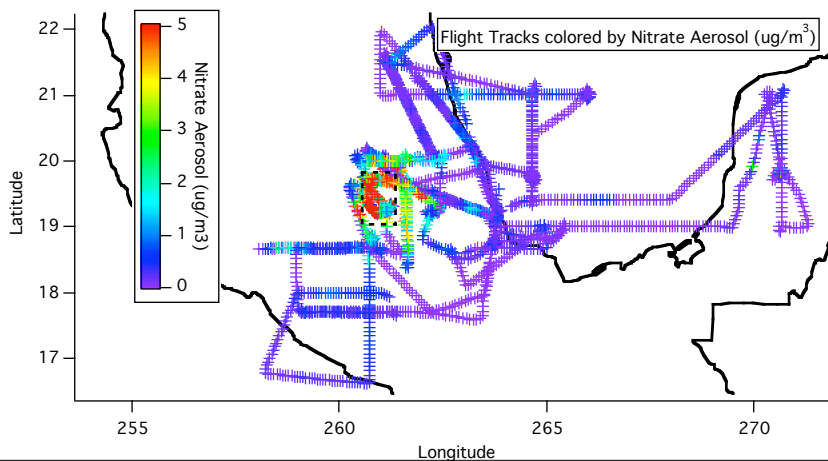
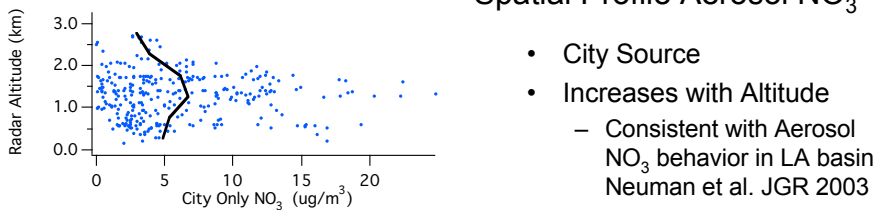
Aerosol Intercomparisons

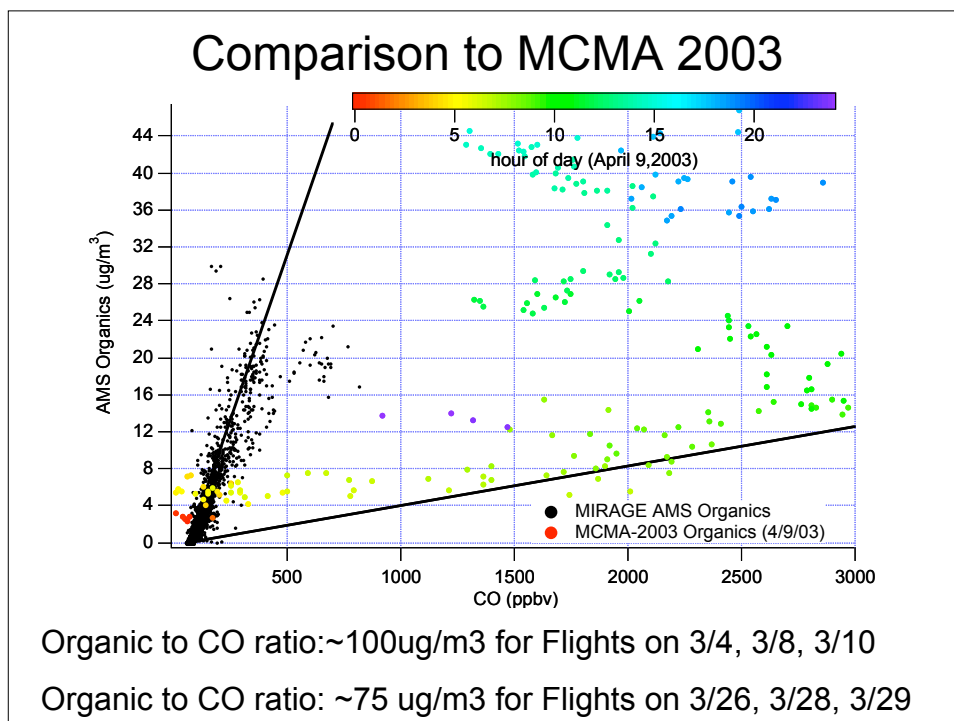
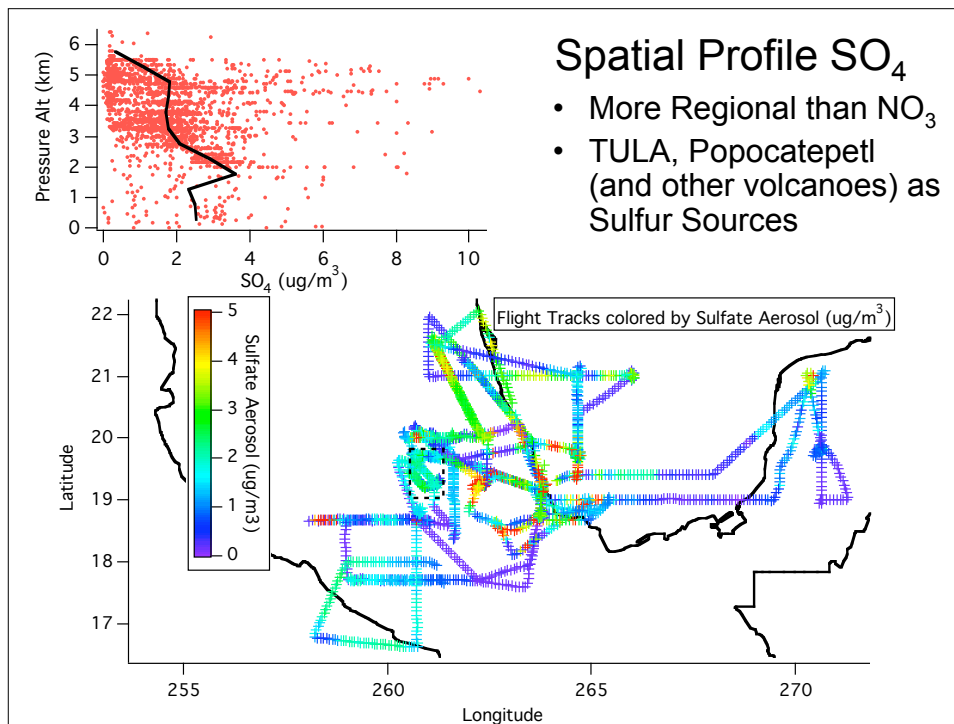


Non-refractory Aerosol Chemistry

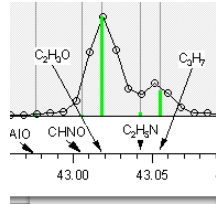


Spatial Profile Aerosol NO_3

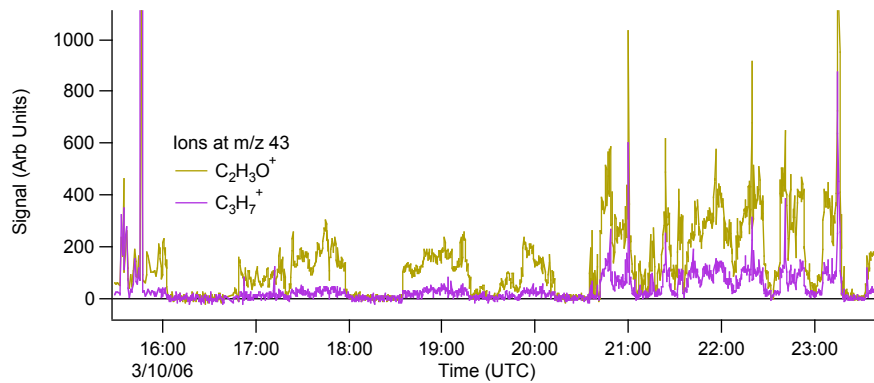




High Mass Resolution Data



- V-Mode of the AMS gives us
 - Ability to separate major ions at same nominal m/z
 - More chemical resolution
 - Calculation of elemental ratios (O:C)



Mexican Volcanoes

