

**Preliminary Comments from Professor Ted Russell of the Clean Air Scientific Advisory Committee CASAC Air Monitoring and Methods Subcommittee (AMMS)
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Attached are some plots from a project conducted about 7 years ago that used PAMS data. I think you might find the comparison of interest. It is important to note, however, that this type of analysis takes a bit more time to get the data and work with it.

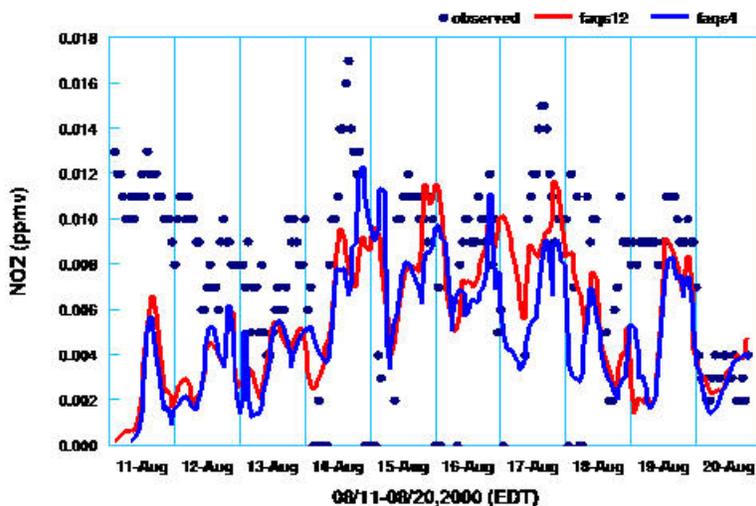


Figure 7.1 Time Series Plot of Simulated and Observed Surface NO₂ Concentrations at PAMS Station with AIRS code of 130890002 in Atlanta

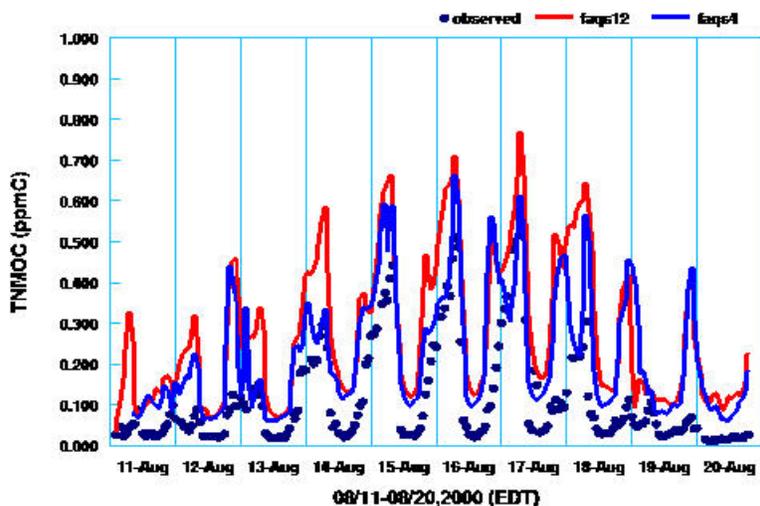


Figure 7.2 Time Series Plot of Simulated and Observed Surface Total Nonmethan Organic Compounds Concentrations at PAMS Station with AIRS code of 130890002 in Atlanta

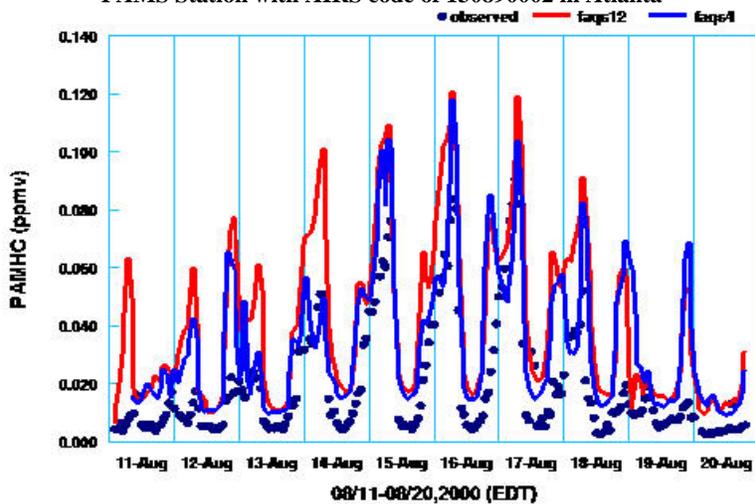


Figure 7.3 Time Series Plot of Simulated and Observed Surface PAMS Hydrocarbons Concentrations at PAMS Station with AIRS code of 130890002 in Atlanta

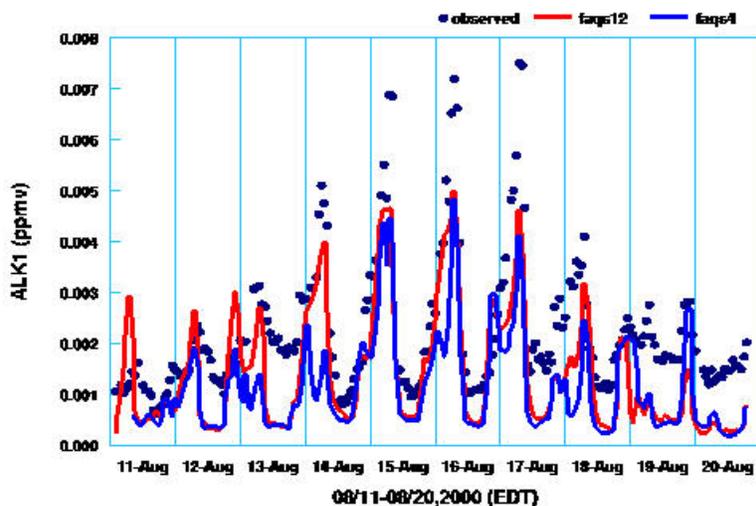
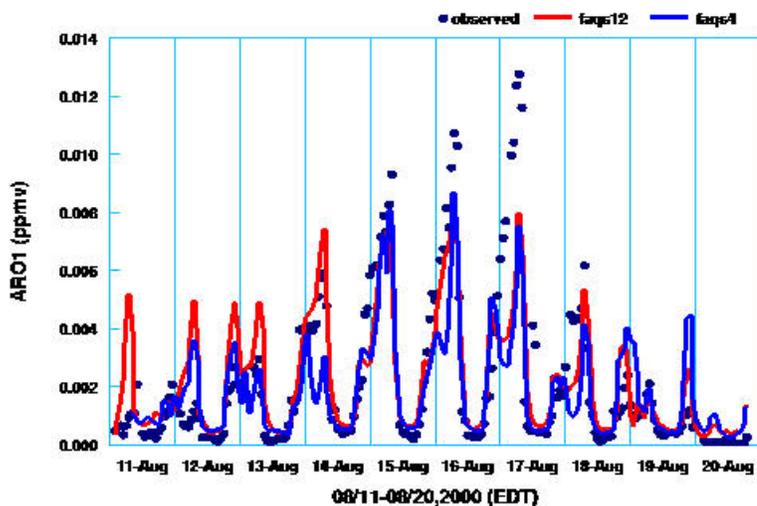


Figure 7.4 Time Series Plot of Simulated and Observed Surface ALK1 Concentrations at PAMS Station with AIRS code of 130890002 in Atlanta



1.1.1.1
Figure 7.5 Time Series Plot of Simulated and Observed Surface ARO1 Concentrations at PAMS Station with AIRS code of 130890002 in Atlanta

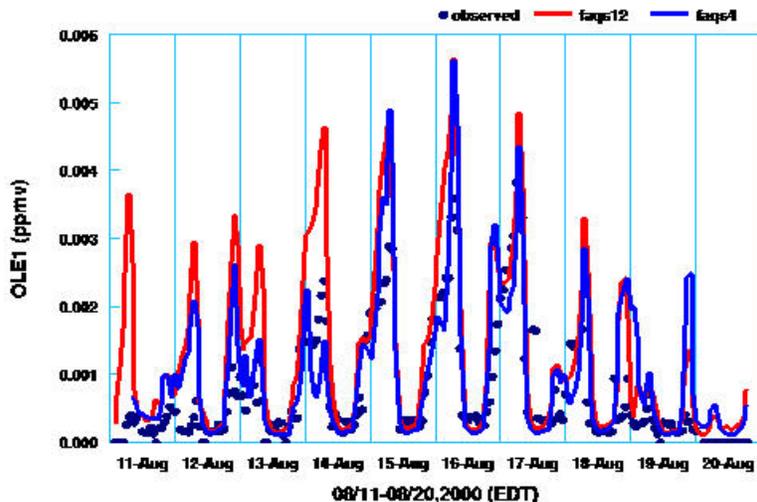


Figure 7.6 Time Series Plot of Simulated and Observed Surface OLE1 Concentrations at PAMS Station with AIRS code of 130890002 in Atlanta

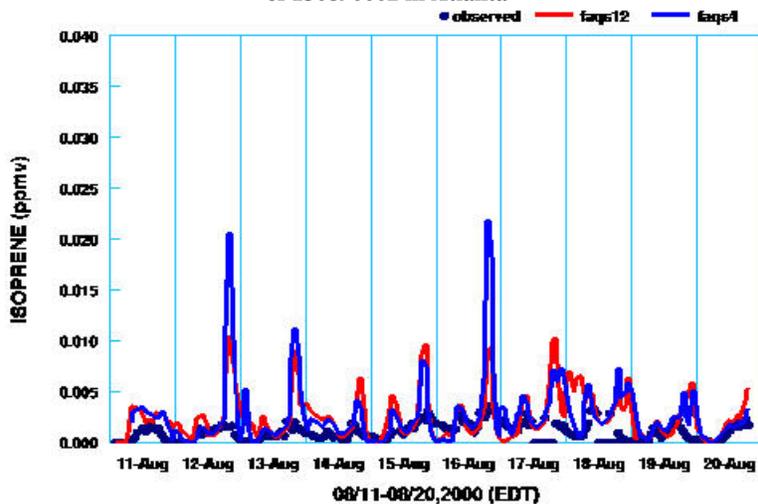


Figure 7.7 Time Series Plot of Simulated and Observed Surface ISOPRENE Concentrations at PAMS Station with AIRS code of 130890002 in Atlanta

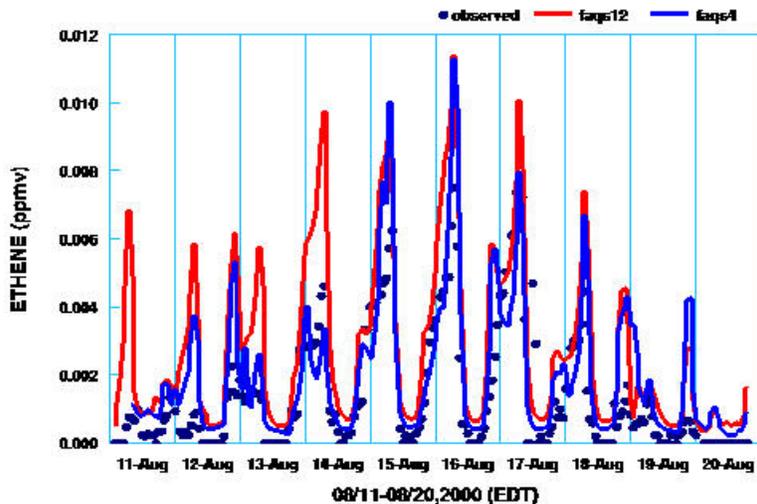


Figure 7.8 Time Series Plot of Simulated and Observed Surface ETHENE Concentrations at PAMS Station with AIRS code of 130890002 in Atlanta