Change:

1. WAS comparisons are modified to match correct time stamps. (previously ones were 6-hour shifted)

2. Bigger points and nice axis limits for C130 plots

Note 1: WAS data for Non-Denver area were categorized by ethane level less than 10 ppbv only.

Note 2: In the tracer-to-trace plots, red ones are C-130 obs. and blue ones are model results

Denver Area

S1: Mobile Ethyne ×2 for Denver, × 4 for Non-Denver, Mobile other × 2 for Non-Denver, O&G × 4 except NOx and CO <u>ftp://ftp.acom.ucar.edu/user/noitul5/CMAQ_FRAPPE/2014_EPA_SPATIAL_1st/EMISSION_UPDATE_FIRST/</u> S2: Mobile Ethyne ×1.7 for Denver, × 3.4 for Non-Denver, Mobile other × 2 for Non-Denver, O&G × 4 except CO

ftp://ftp.acom.ucar.edu/user/noitul5/CMAQ_FRAPPE/2014_EPA_SPATIAL_1st/EMISSION_UPDATE_SECOND/





Denver Area











Non-Denver Area











Oil and Gas Area













