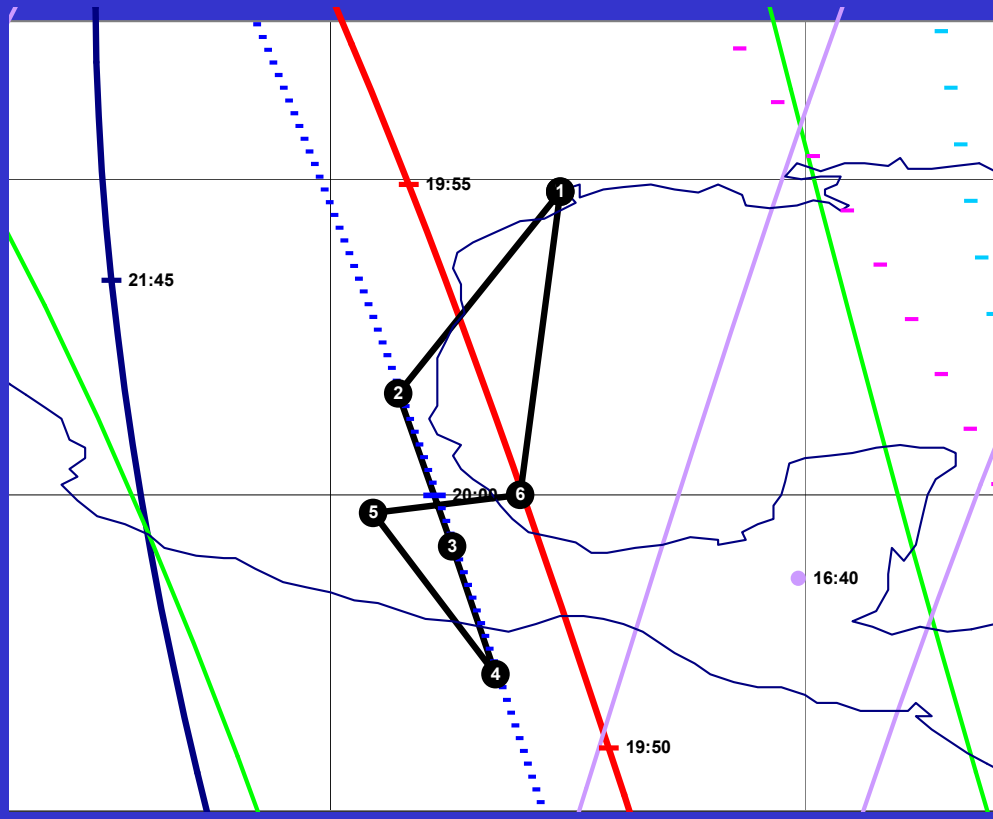
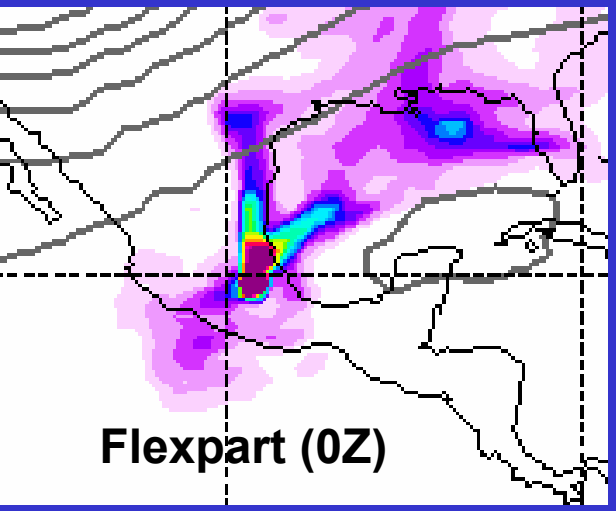
Plan for INTEX-B flight#6 – Houston local 4 on Sunday 3/12 updated 3/11 @18Z

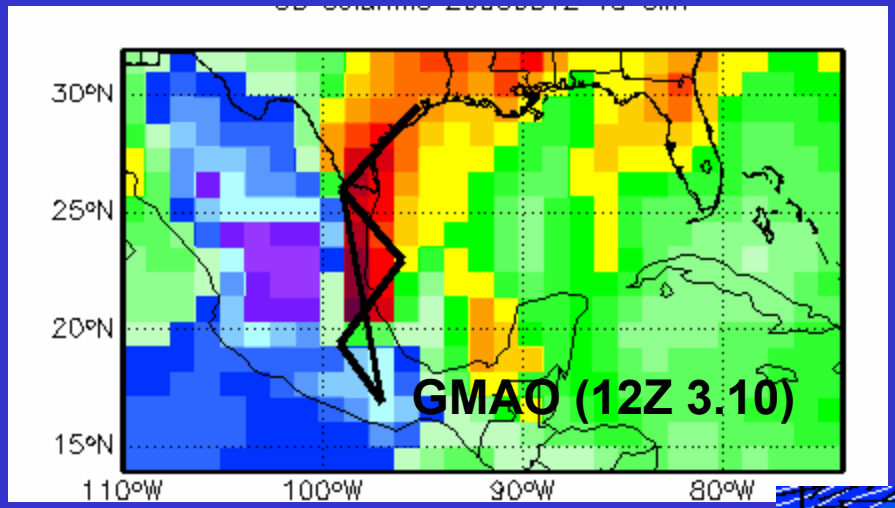
Objectives: Mexico City plume, TES+OMI validation, and Intercomparison with C-130



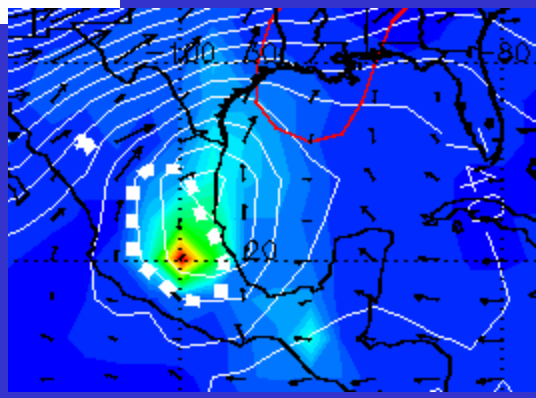
- Take-off at 11:15
- Points 2-4: DIAL mapping and vertical profiling along TES track, spirals at ends
- Points 4-end: vertical profiling of MC Basin and outflow

Model Intercomparison for Sunday



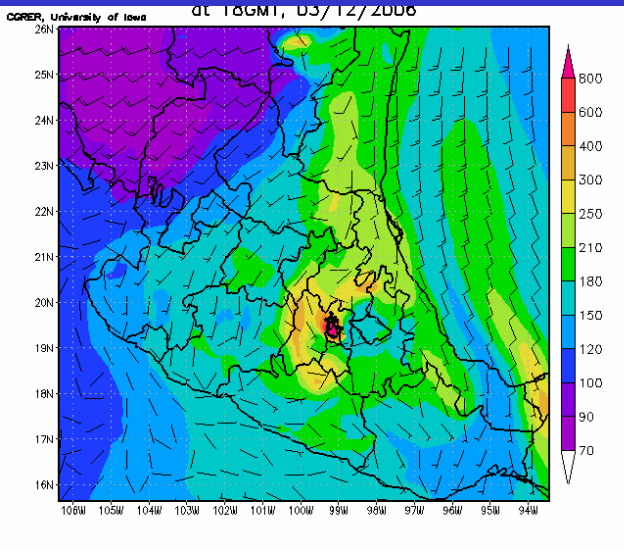


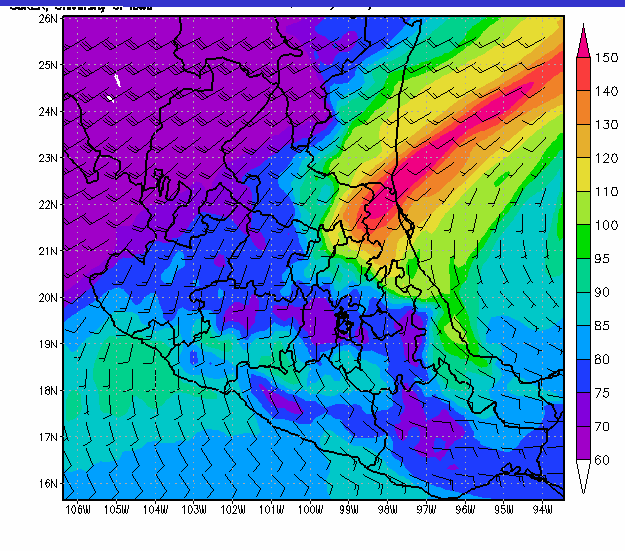
RAQMS 310K
(12Z 3.9)



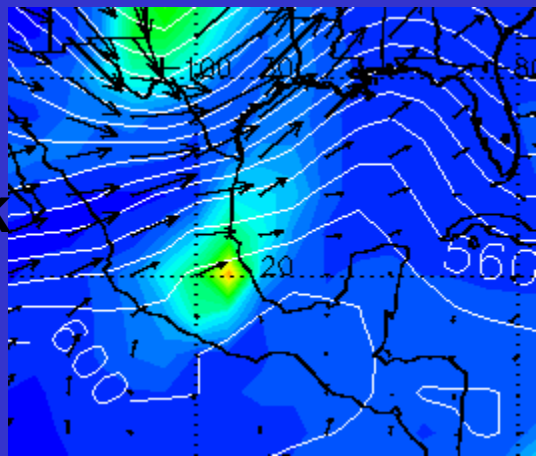
Stem (0Z) 1km

5.4km



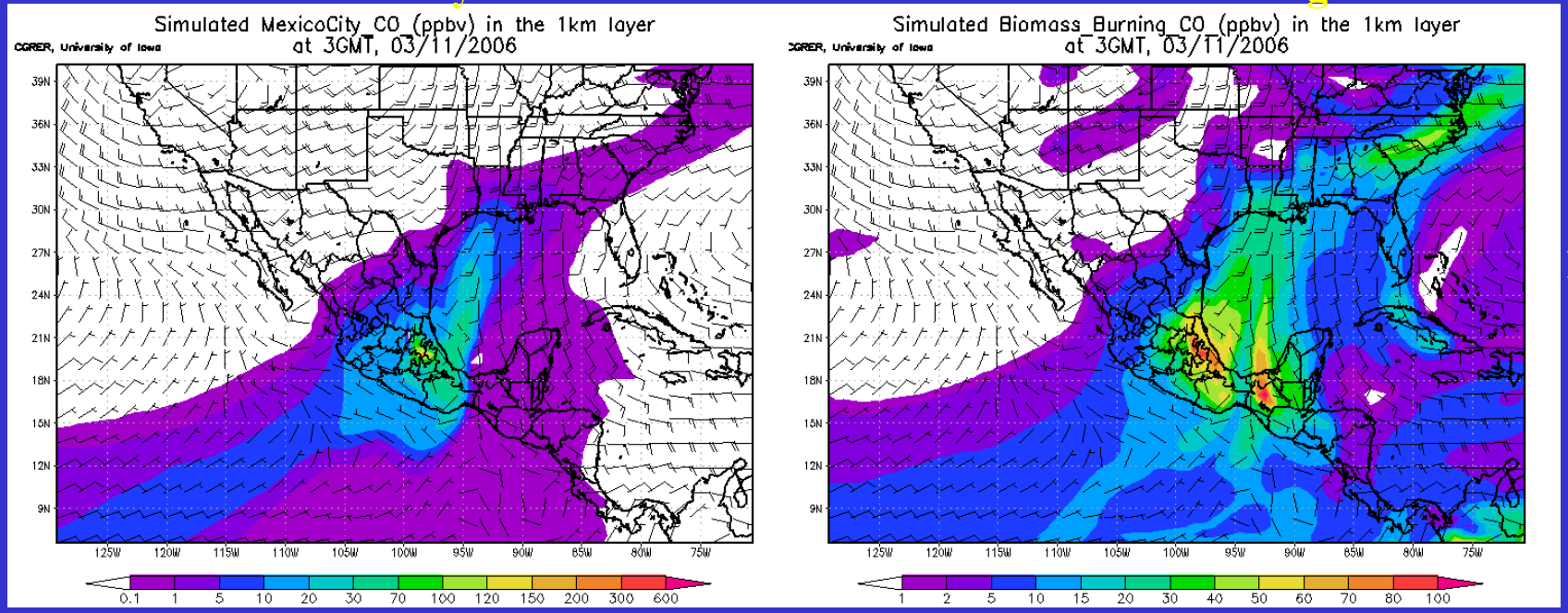


320K

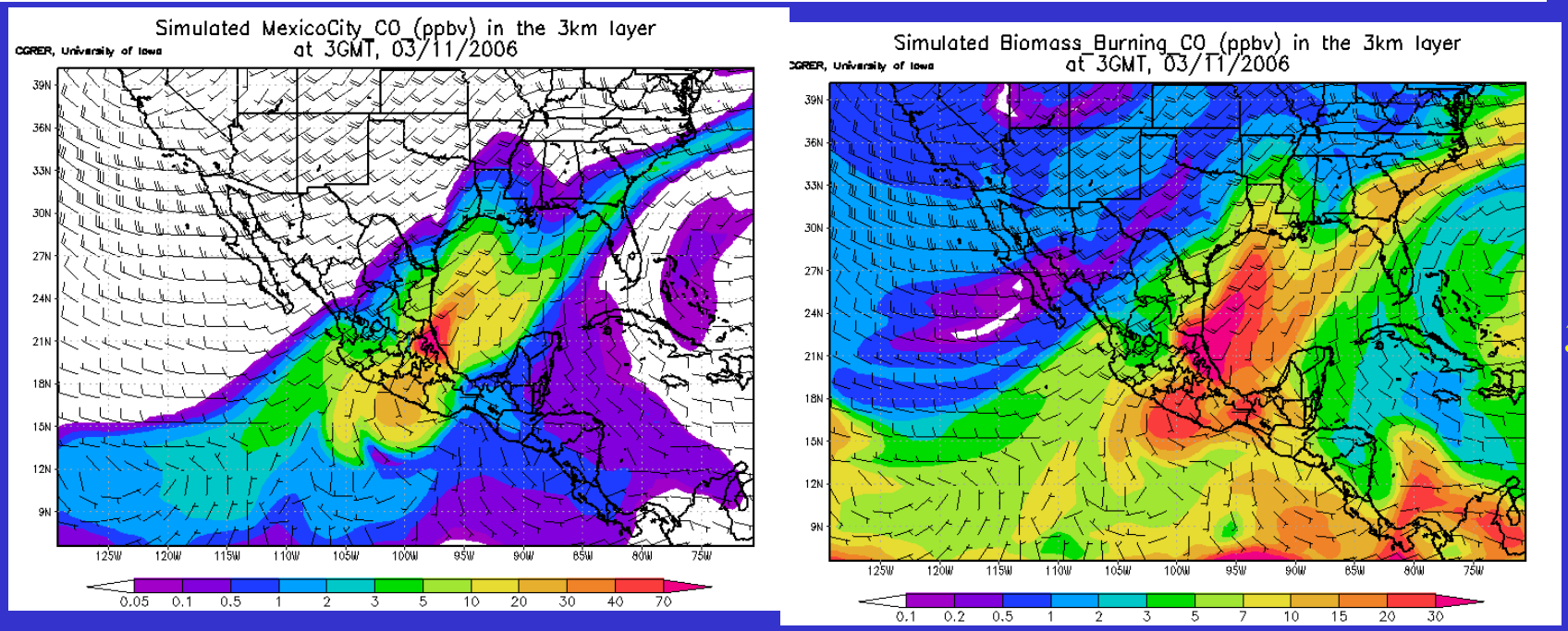


Mexico City CO

Biomass Burning CO

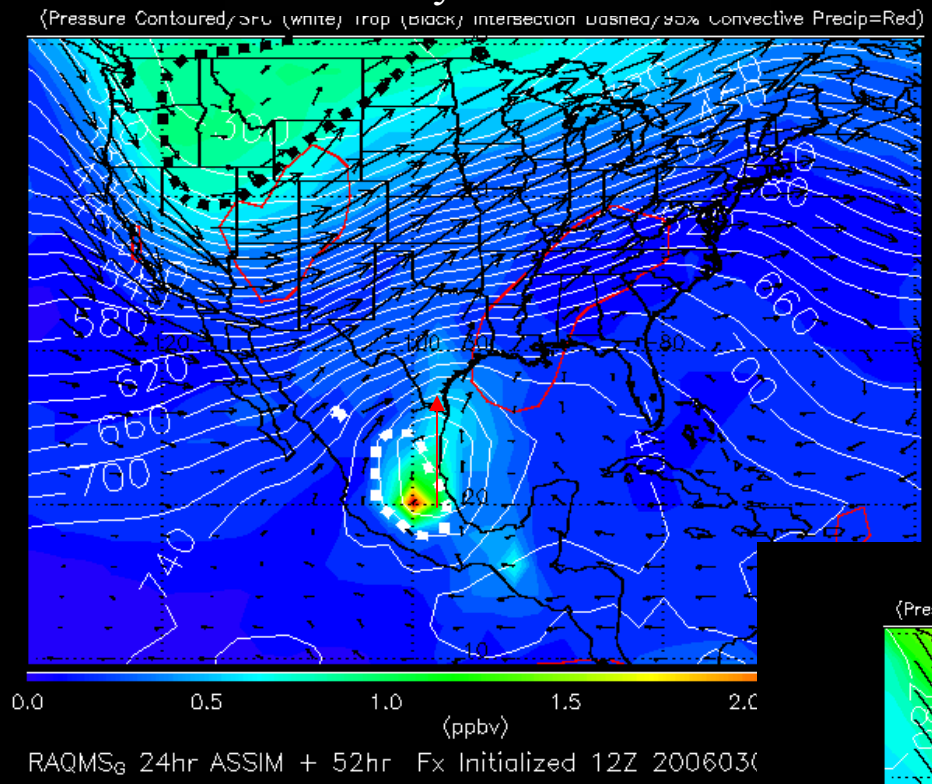


1 km



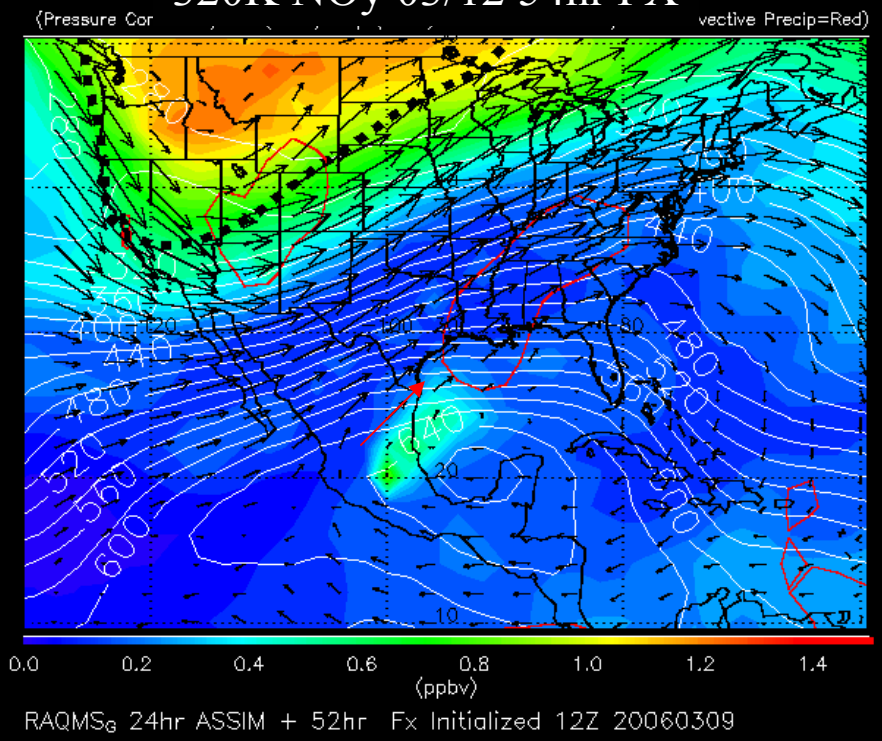
3 km

310K NOy 03/12 54hr FX



Low level (below 750mb) outflow continues North

320K NOy 03/12 54hr FX



Vertical Shear brings Mexico City plume to NE at 650-550mb