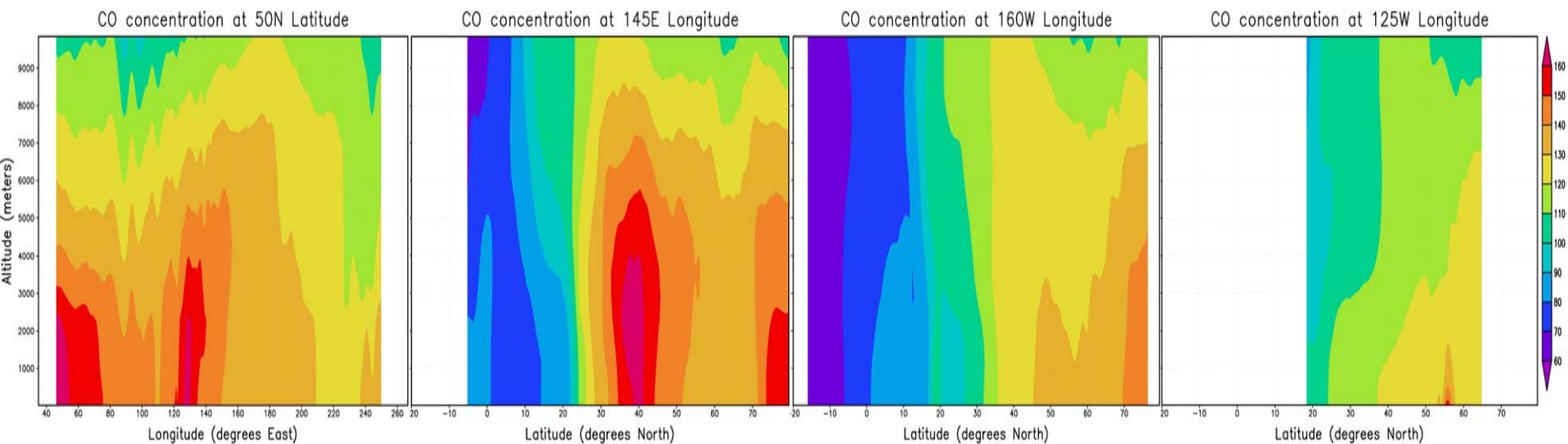
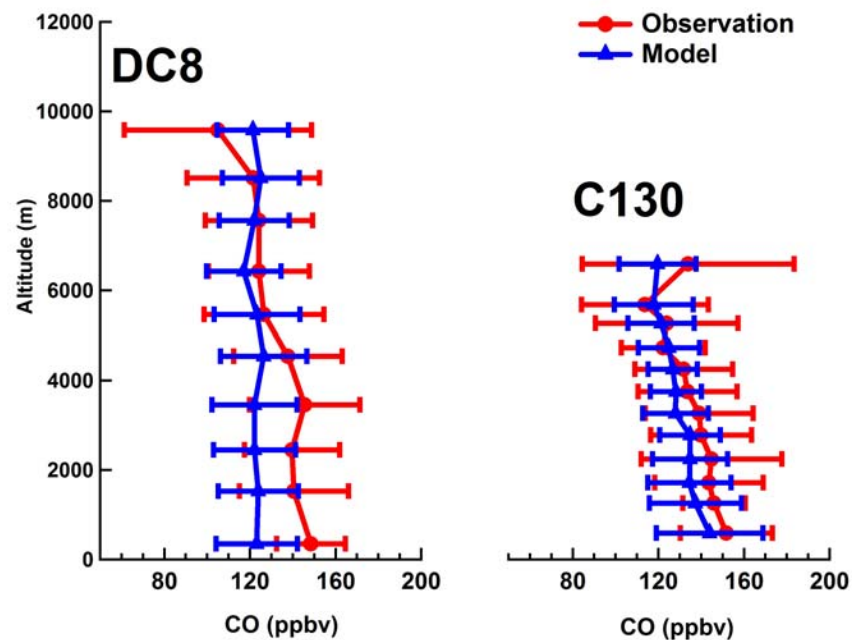
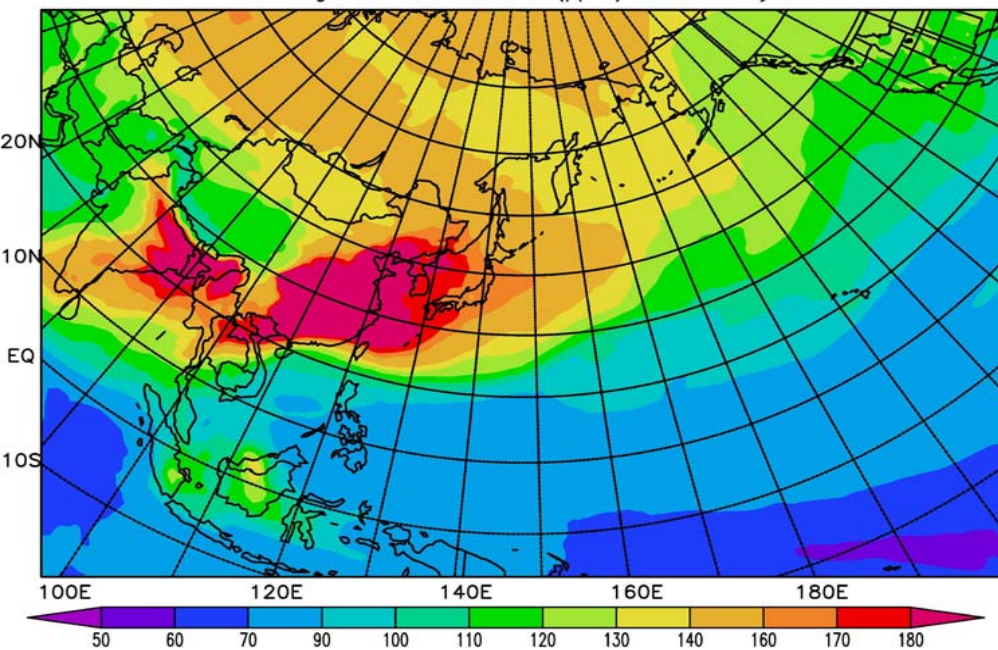
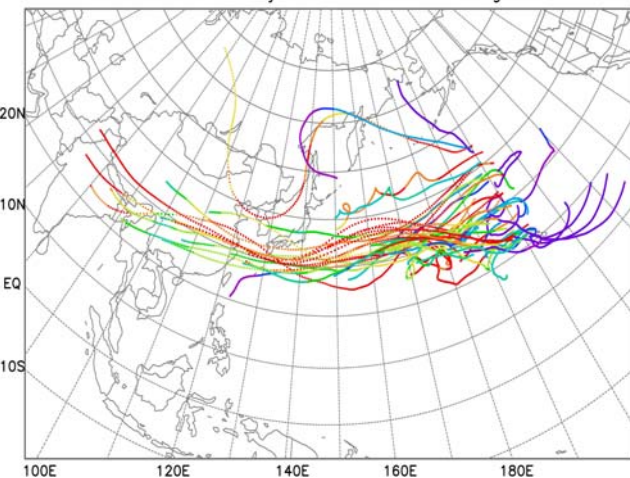


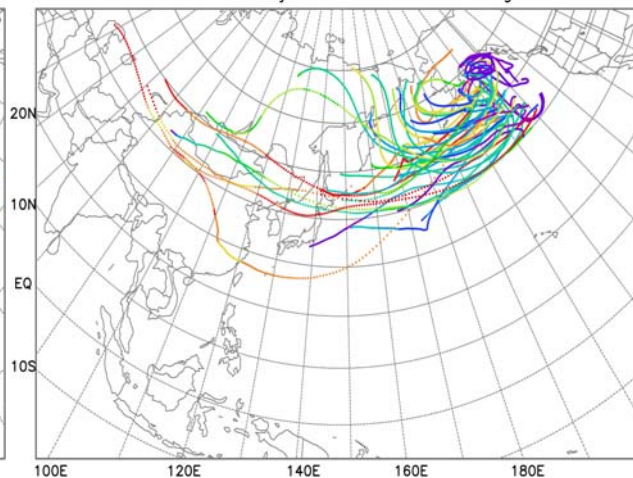
Average CO Concentration (ppbv) at 3 km layer



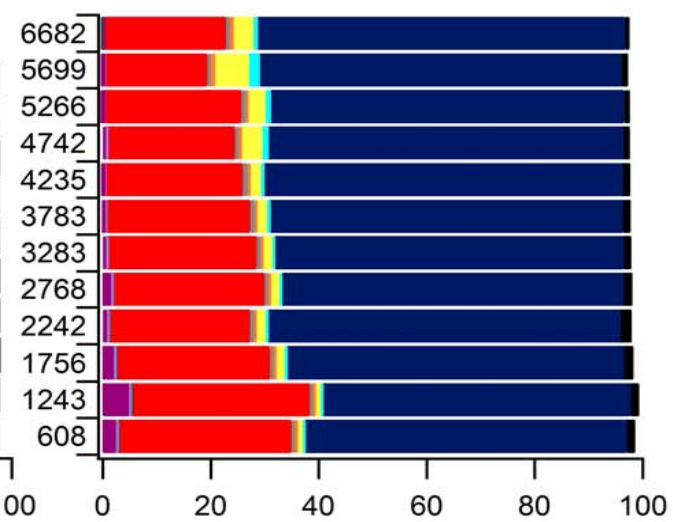
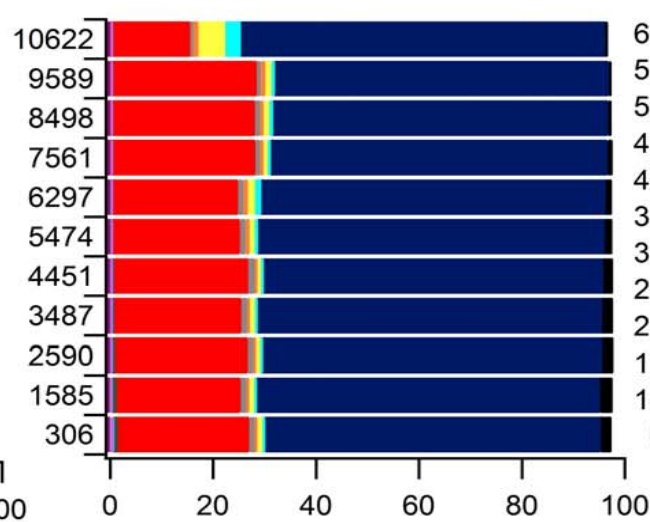
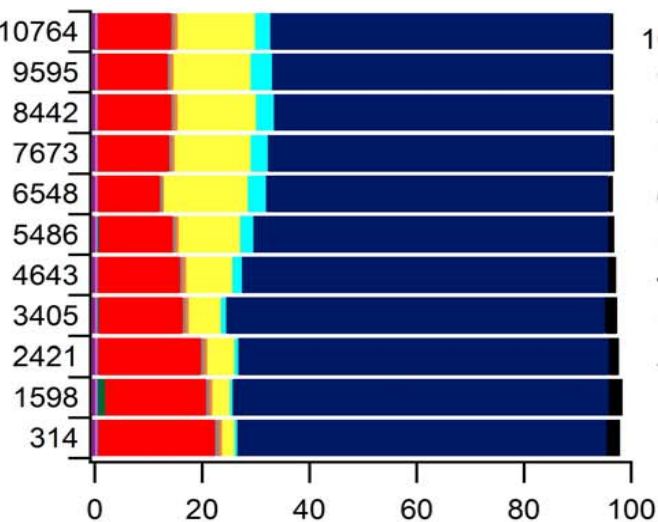
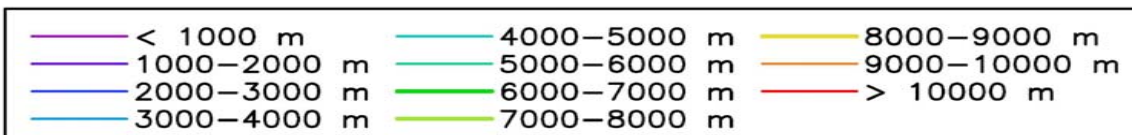
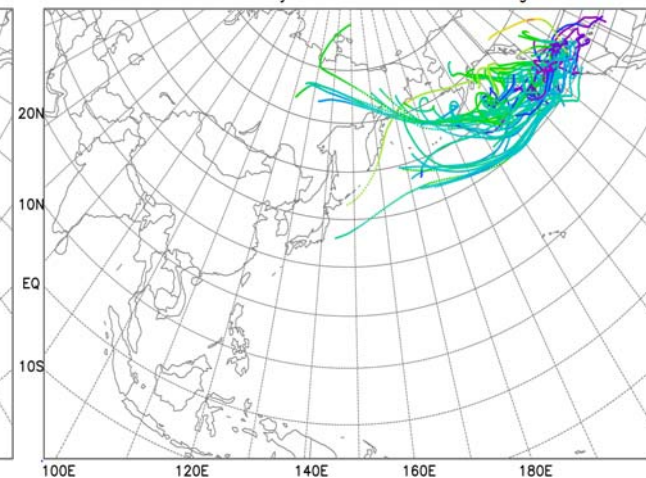
INTEXB backtraj DC8-Hawaii-30min flights



INTEXB backtraj DC8-Alaska-30min flights

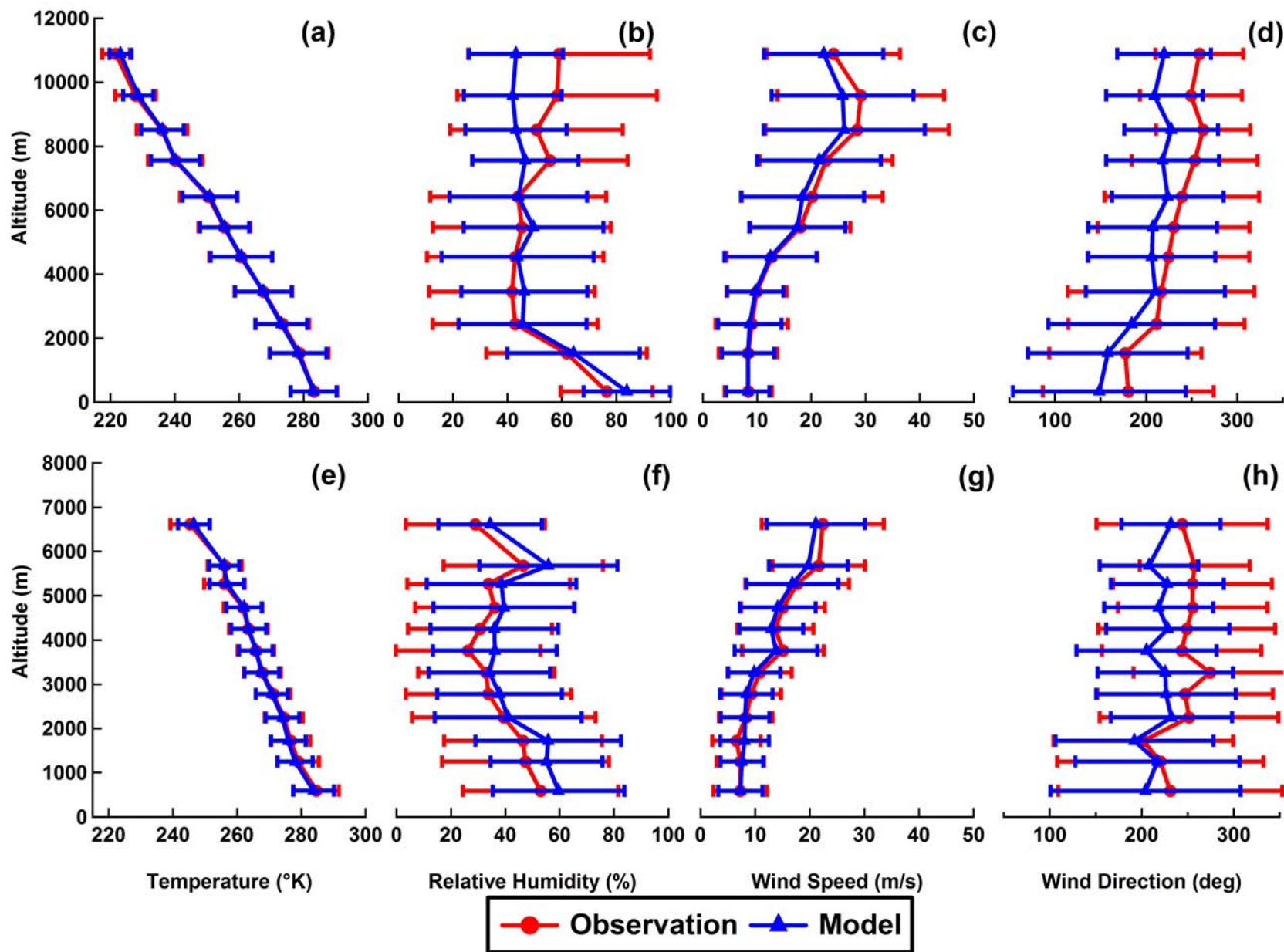


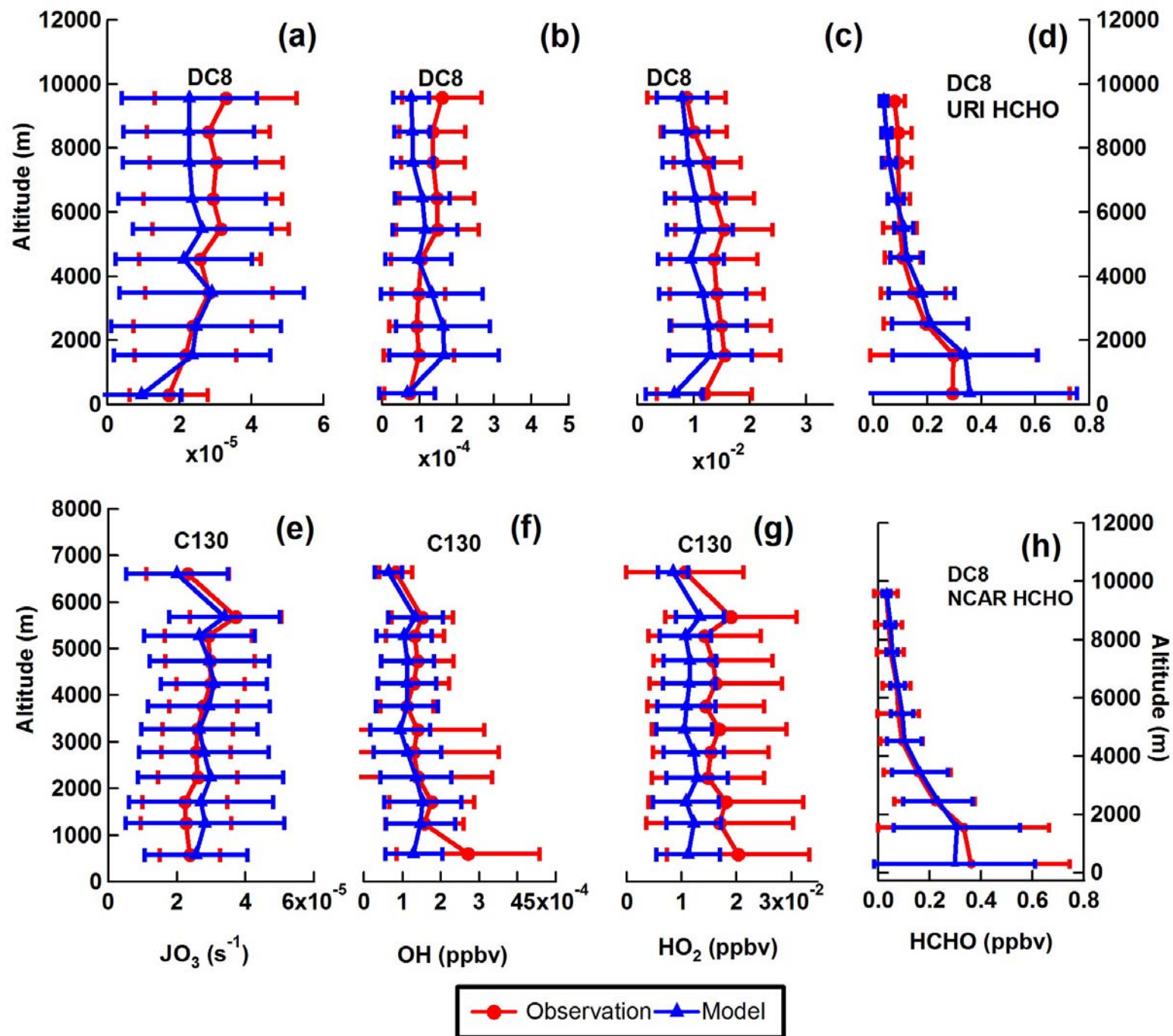
INTEXB backtraj C130-Pacific-30min flights



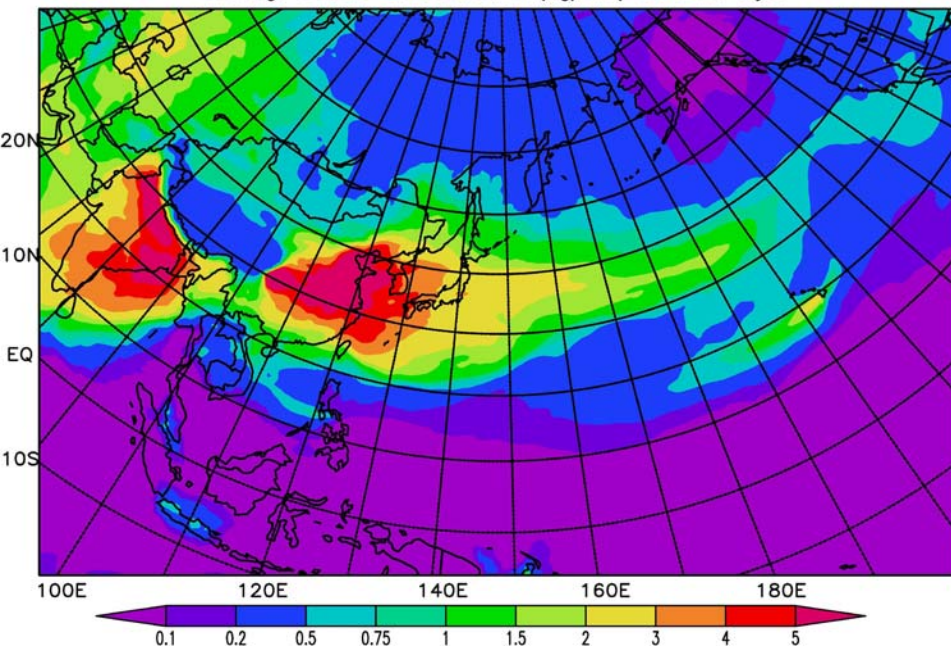
% contribution



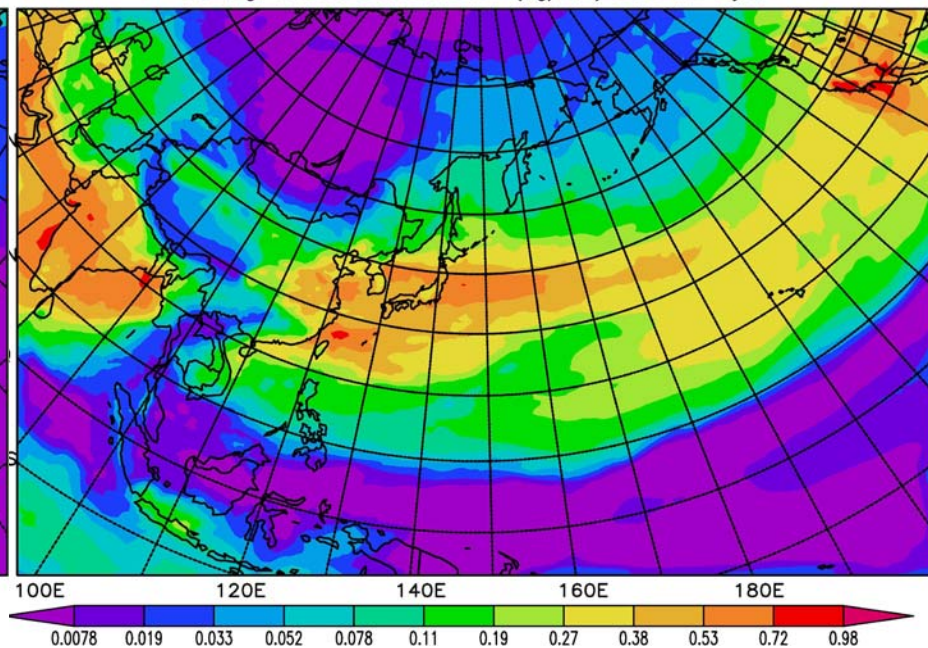




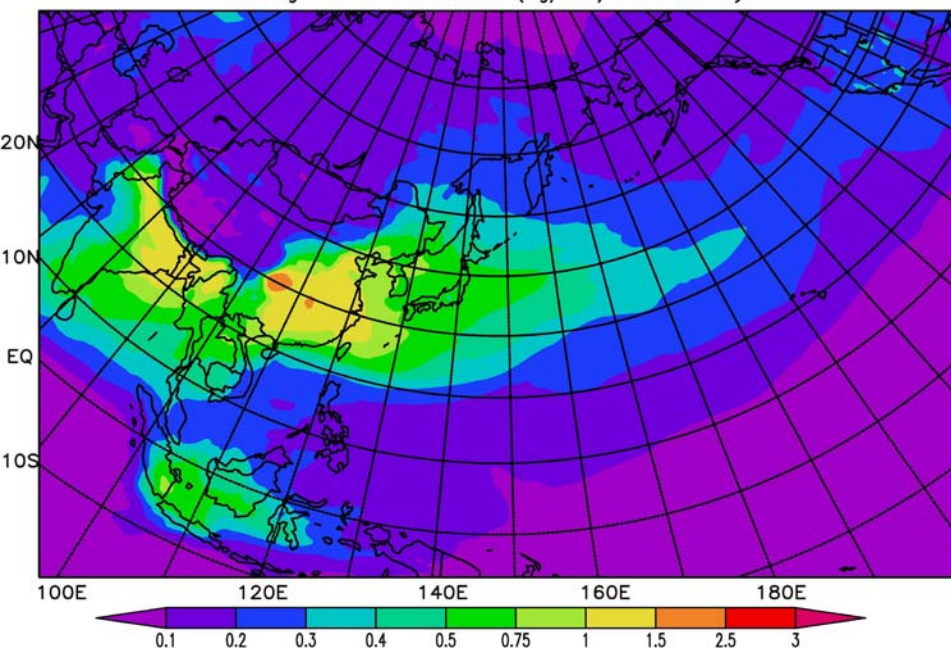
Average Sulfate Concentration ($\mu\text{g}/\text{m}^3$) at 3 km layer



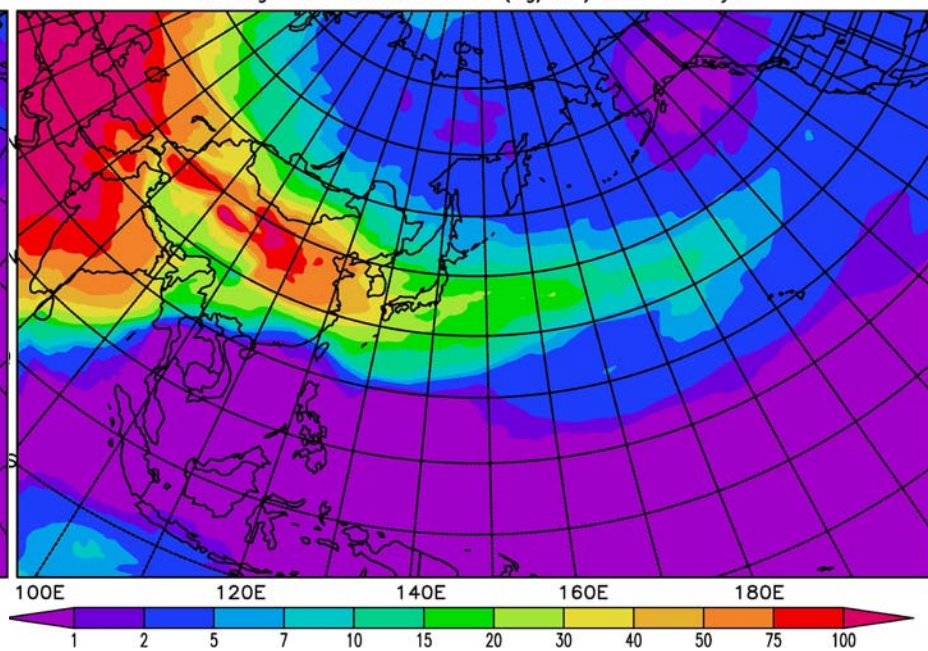
Average Nitrate Concentration ($\mu\text{g}/\text{m}^3$) at 3 km layer

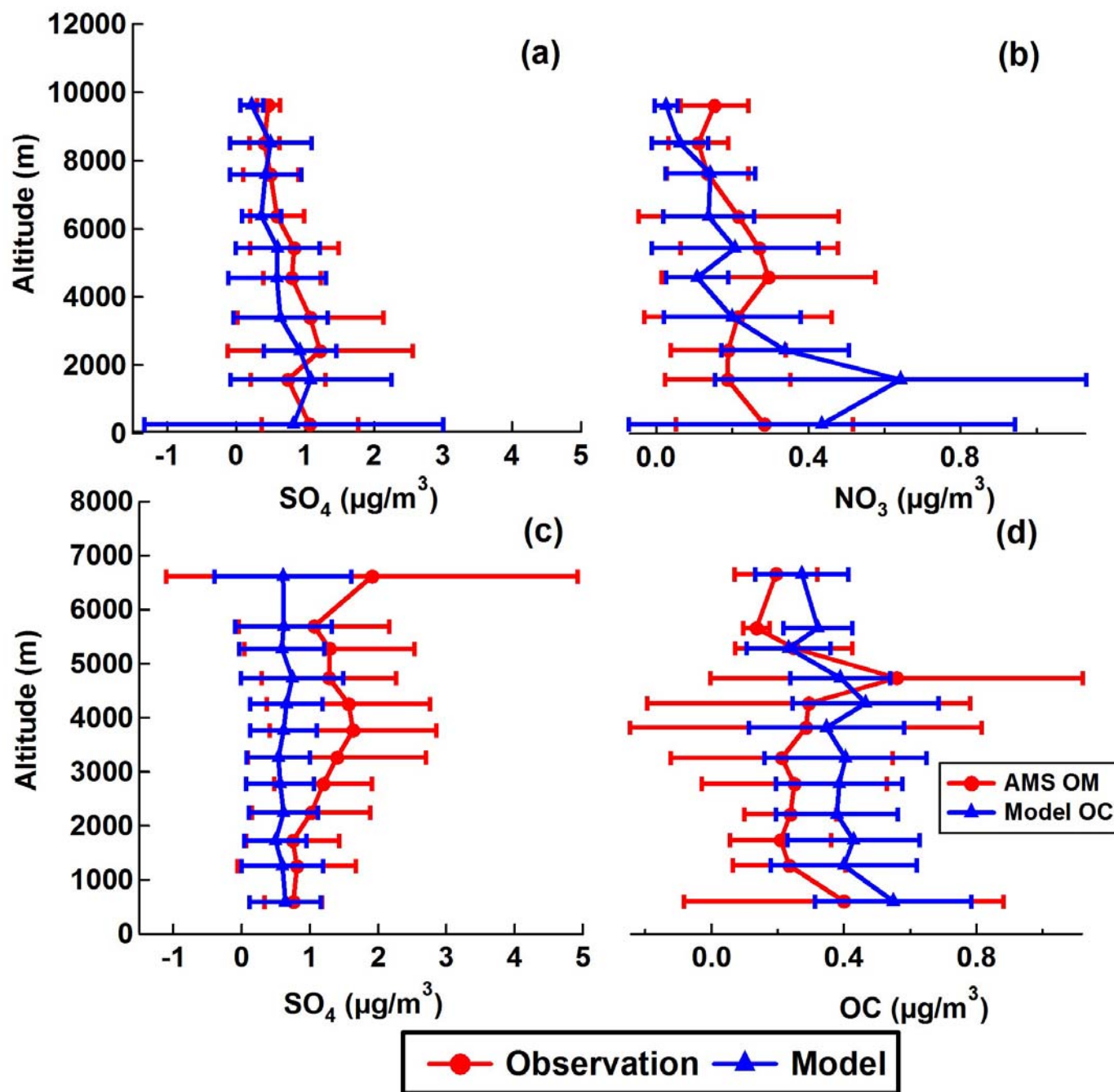


Average OC Concentration ($\mu\text{g}/\text{m}^3$) at 3 km layer

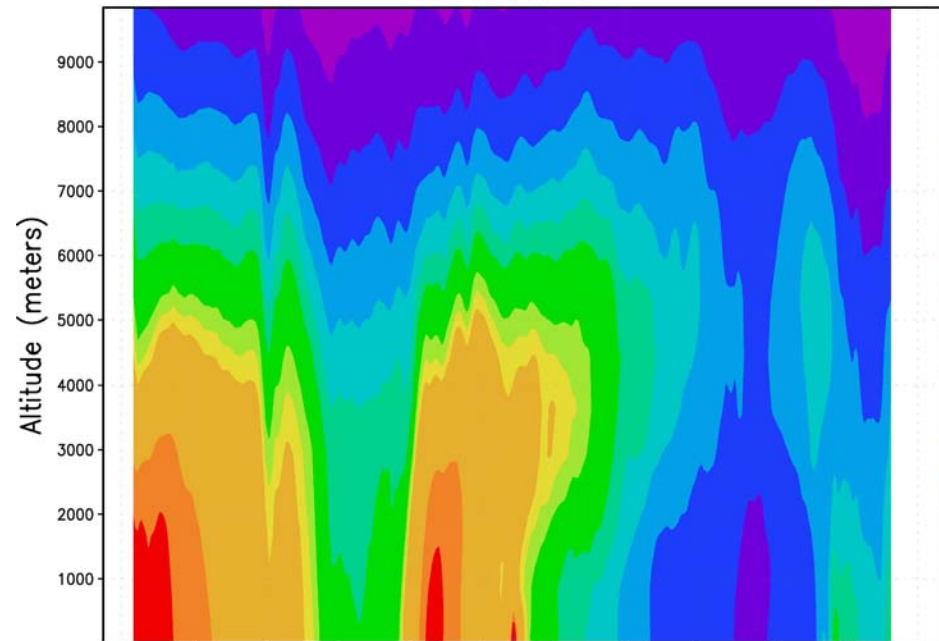


Average Dust Concentration ($\mu\text{g}/\text{m}^3$) at 3 km layer

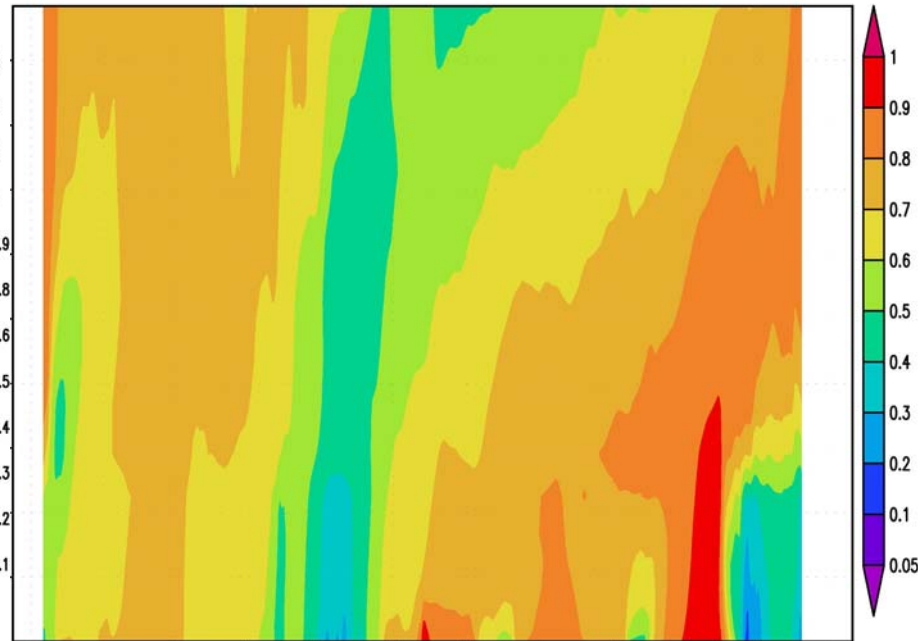




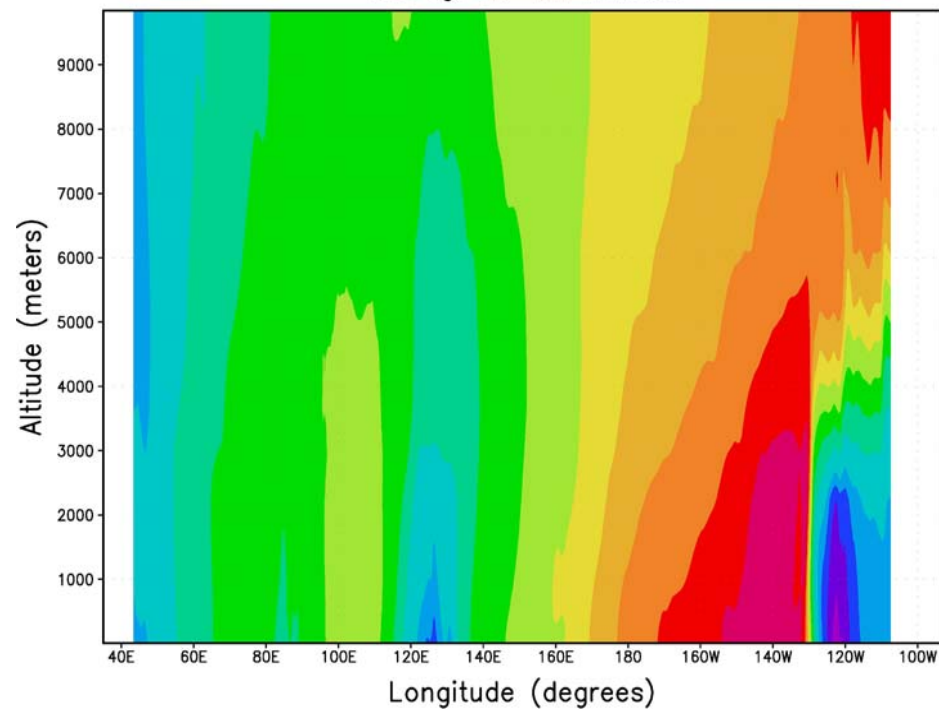
Sulfate concentration (ug/m3) at 45N Latitude



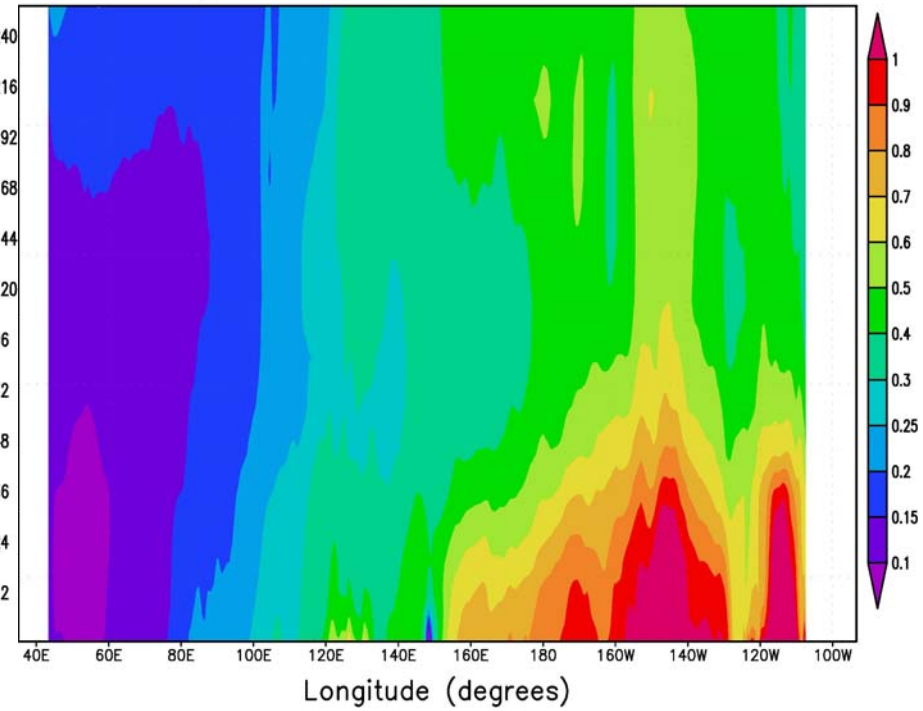
Sulfate to Potential Sulfate Ratio at 45N Latitude

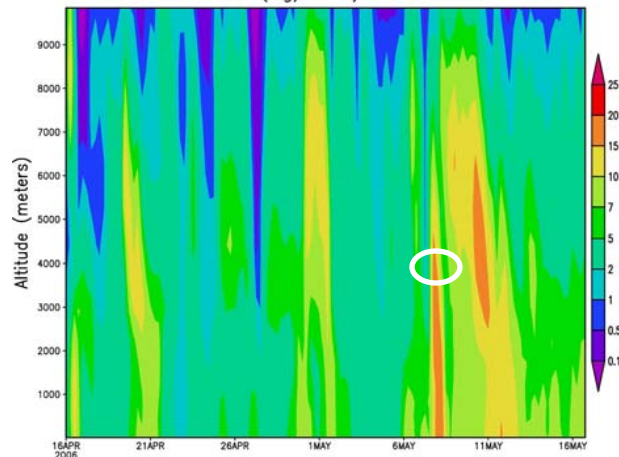
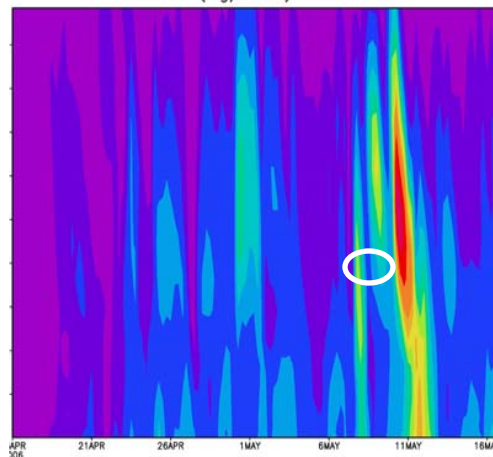
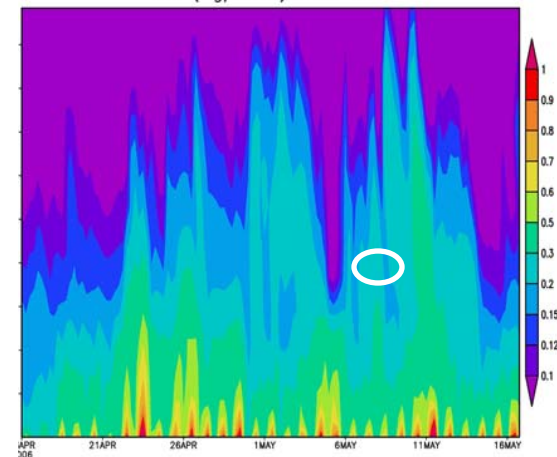


VOC age at 45N Latitude

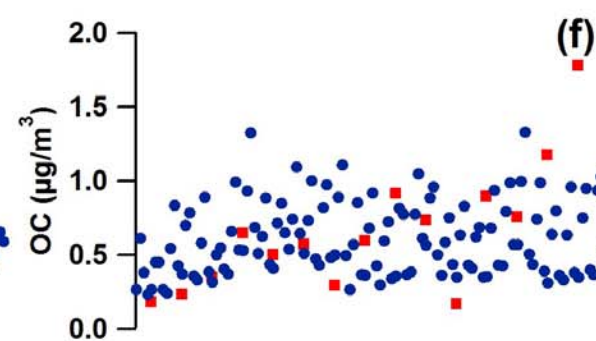
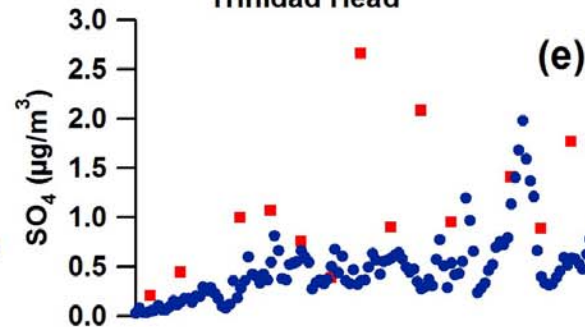
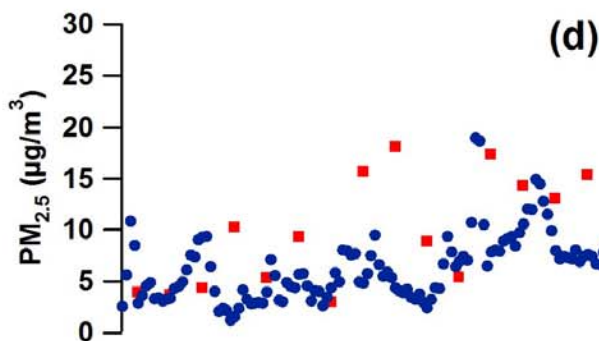


Organic Carbon to Sulfate Ratio at 45N Latitude



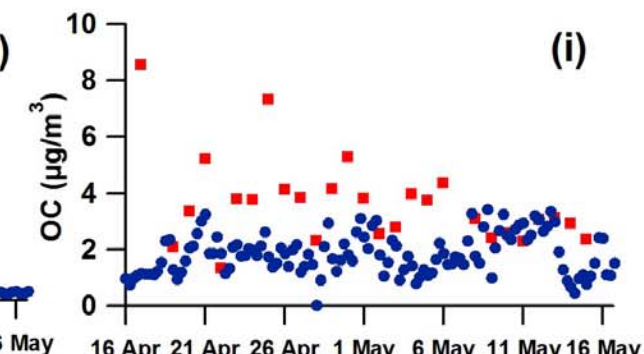
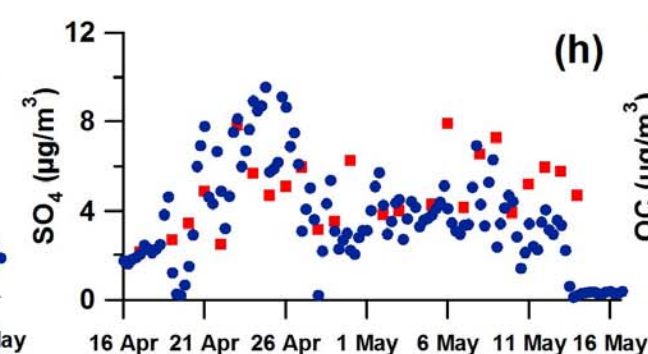
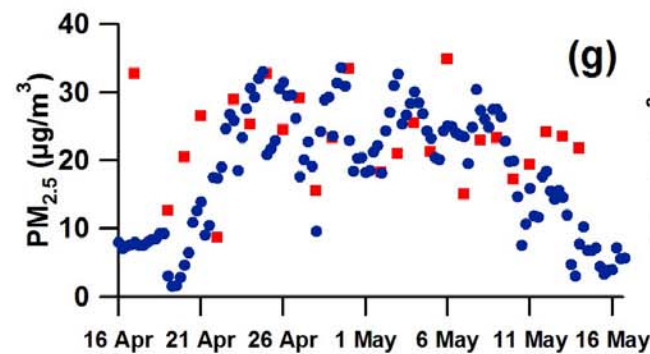
PM_{2.5} ($\mu\text{g}/\text{m}^3$) over TDHSulfate ($\mu\text{g}/\text{m}^3$) over TDHOC ($\mu\text{g}/\text{m}^3$) over TDH

Trinidad Head

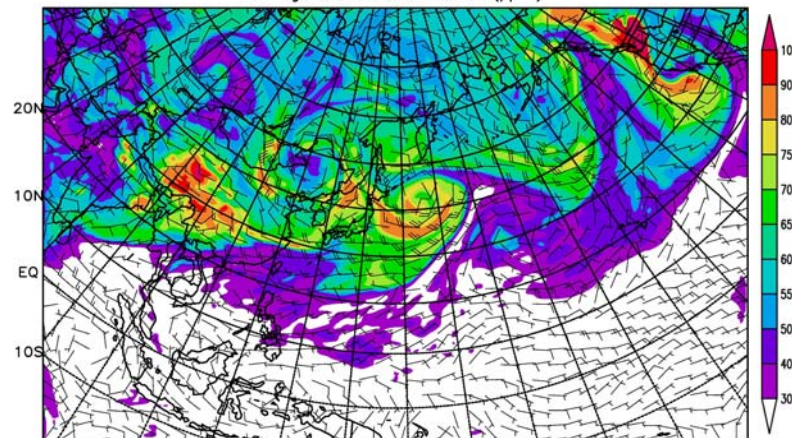


■ Observation ● Model

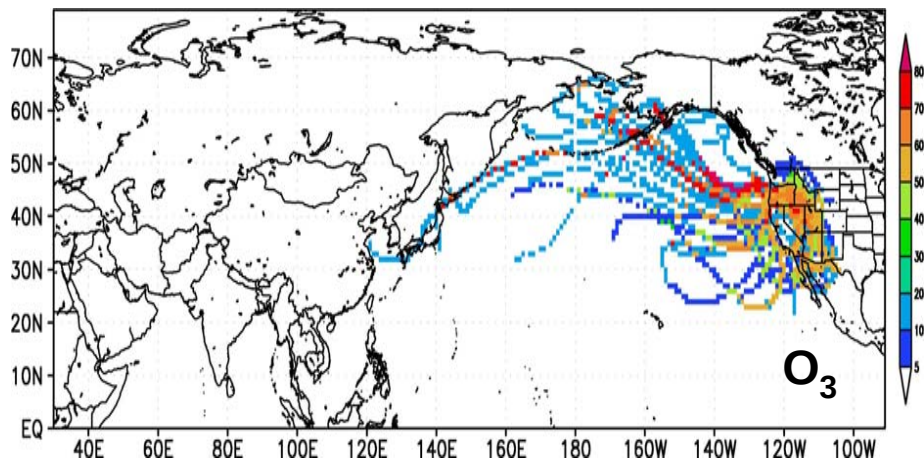
Kathmandu



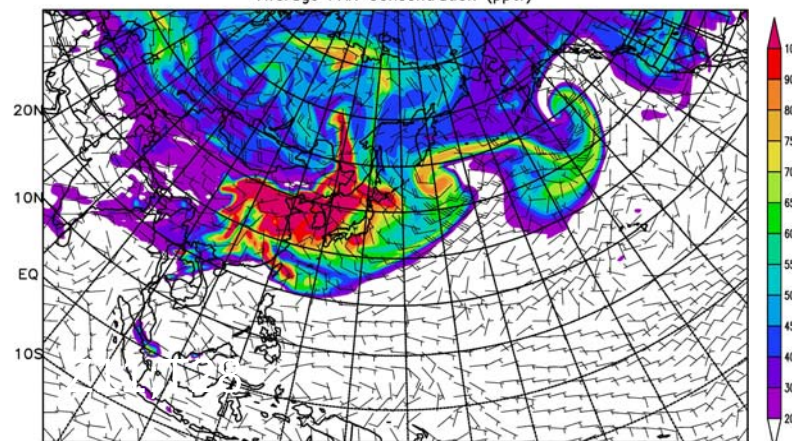
Average Ozone Concentration (ppbv)



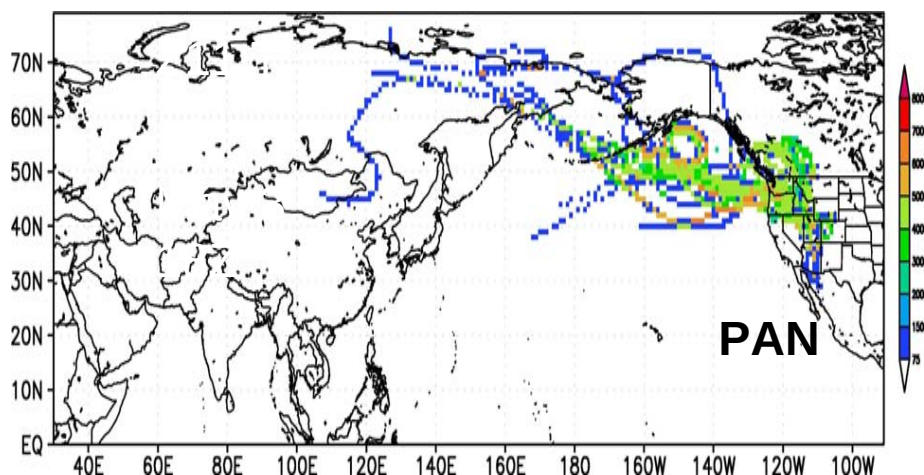
Average PAN Concentration (pptv)



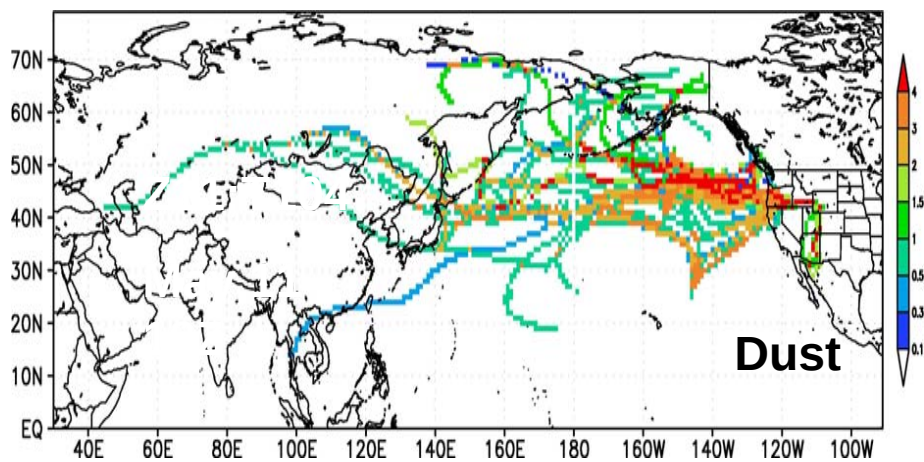
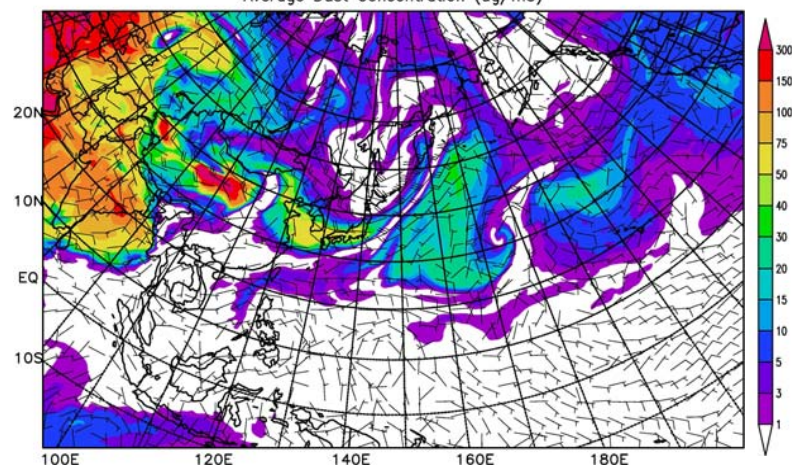
O₃



Average Dust Concentration (ug/m3)

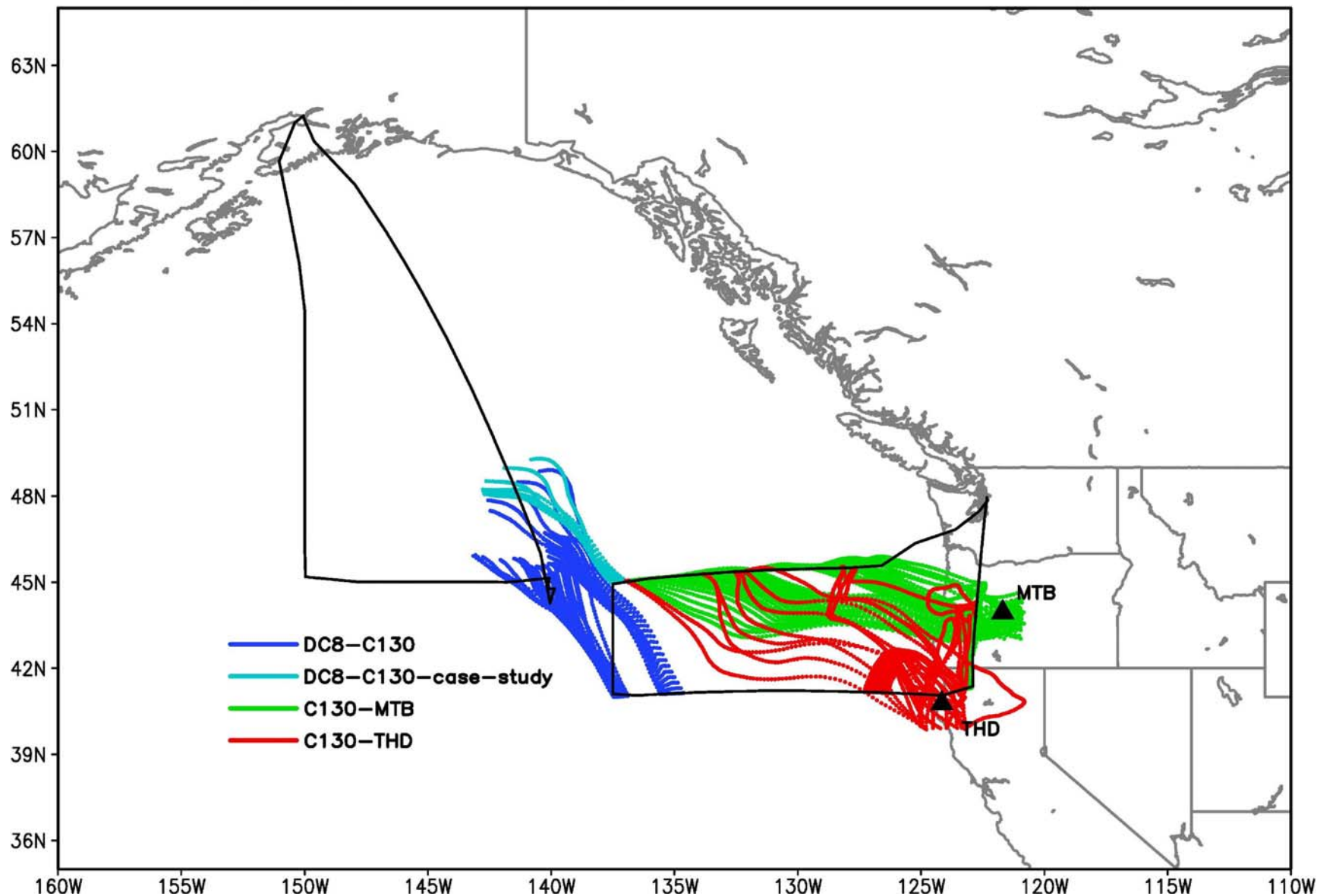


PAN

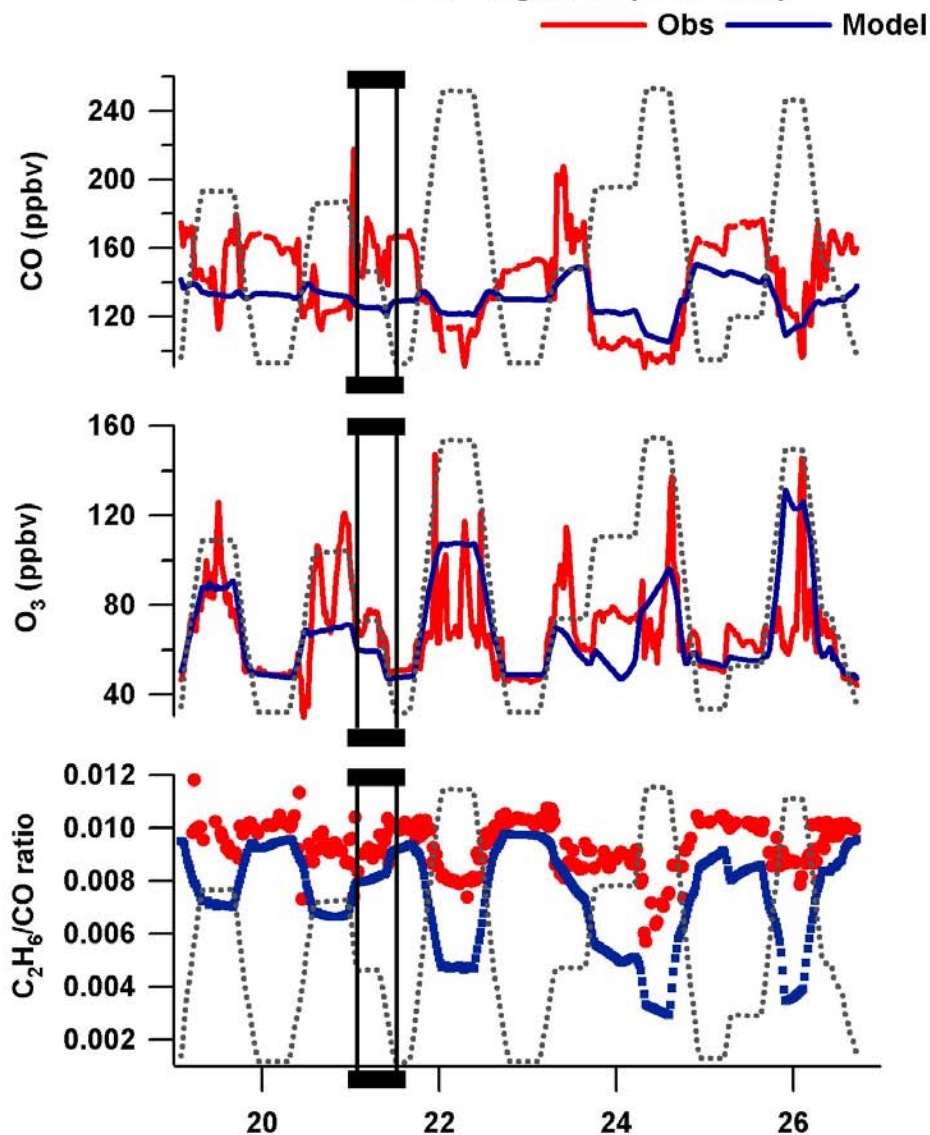


Dust

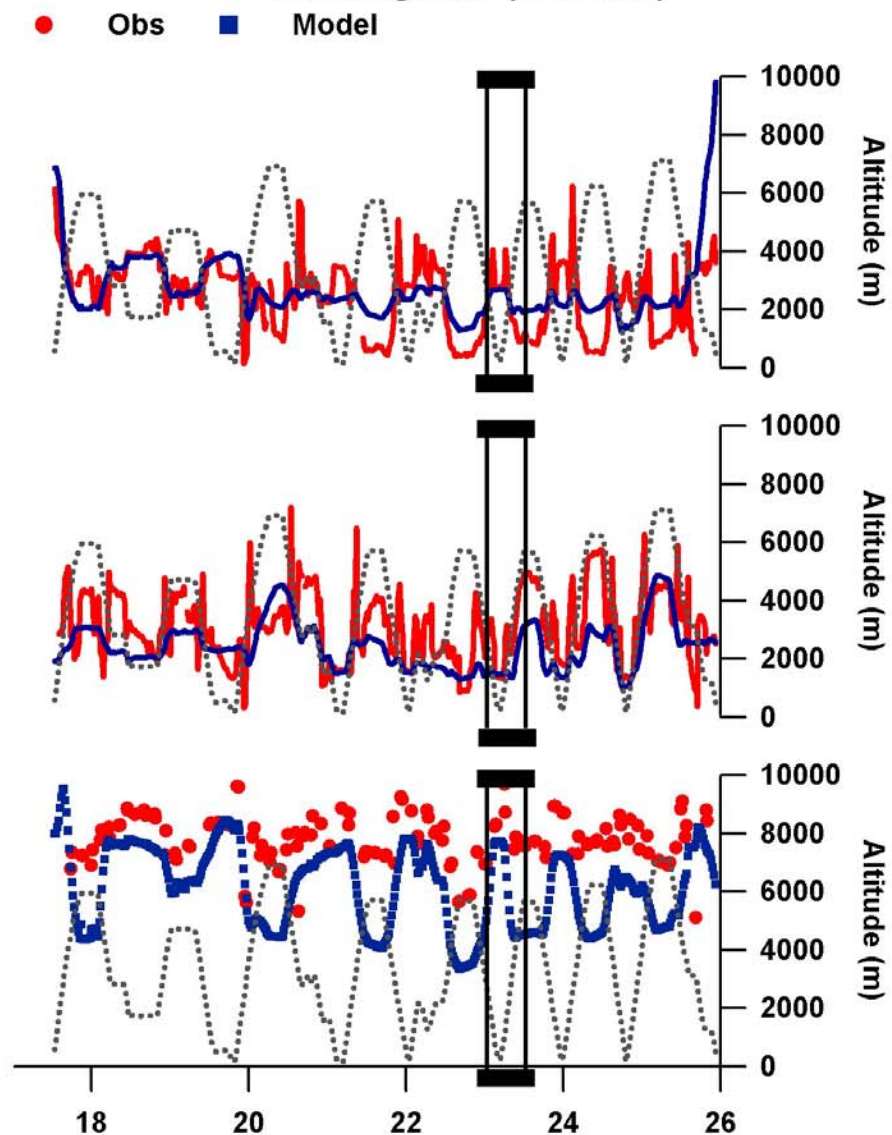
Quasi Lagrangian Sampling of Air Masses during INTEx-B

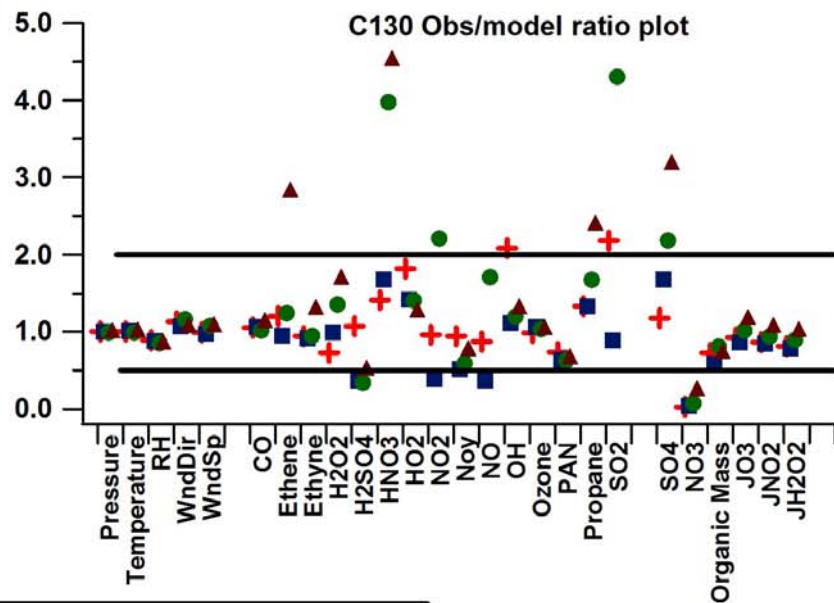
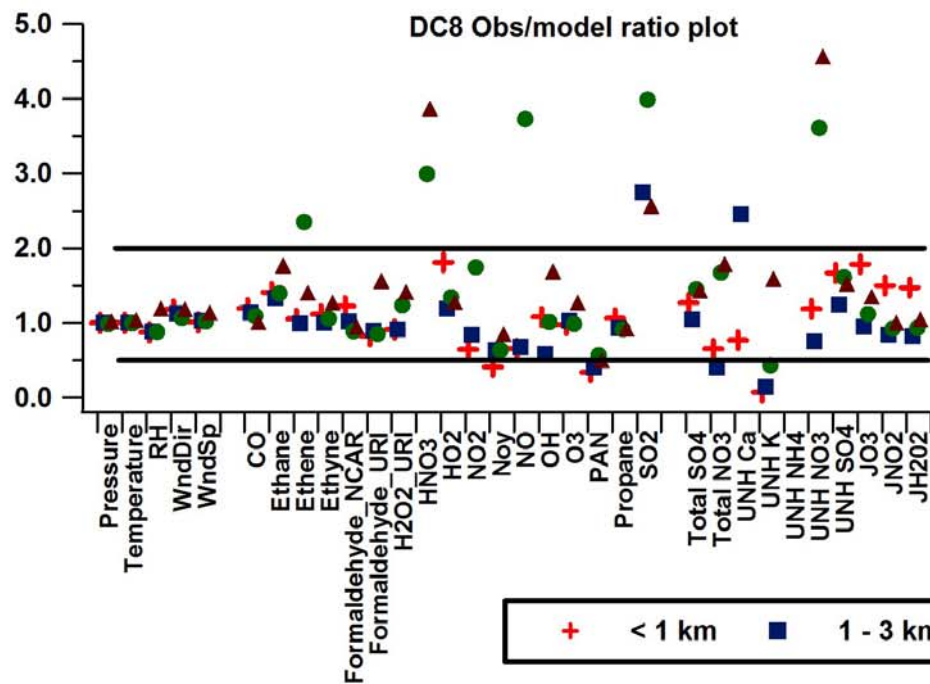


DC8 flight 15 (05/04/06)



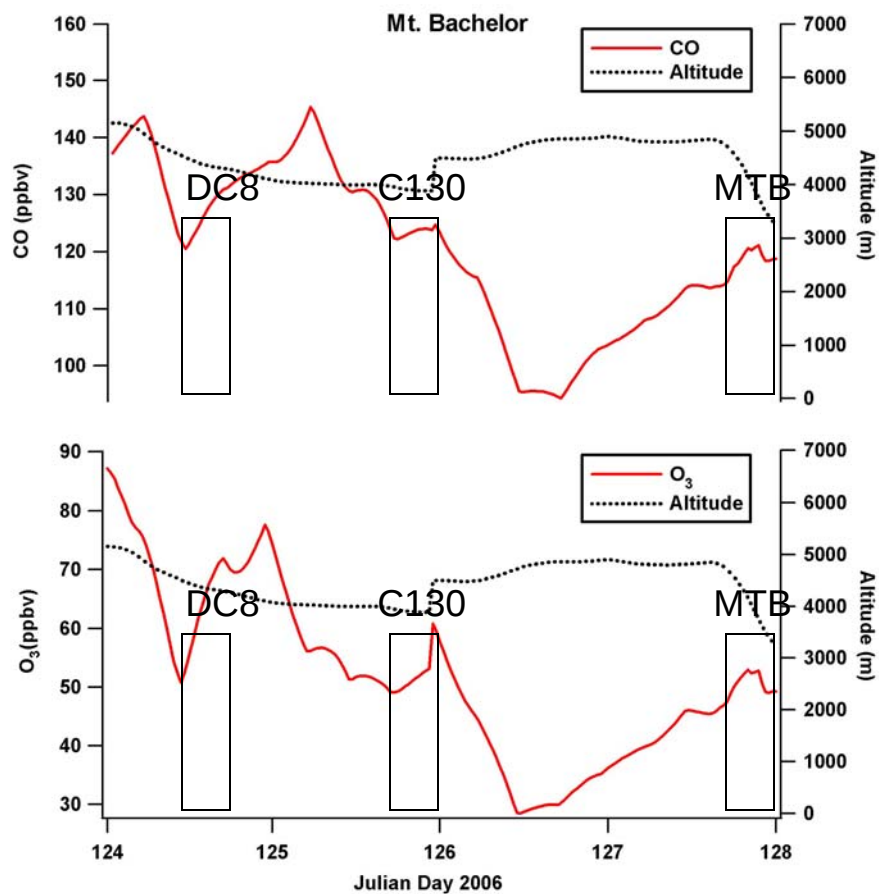
C130 flight 21 (05/05/06)



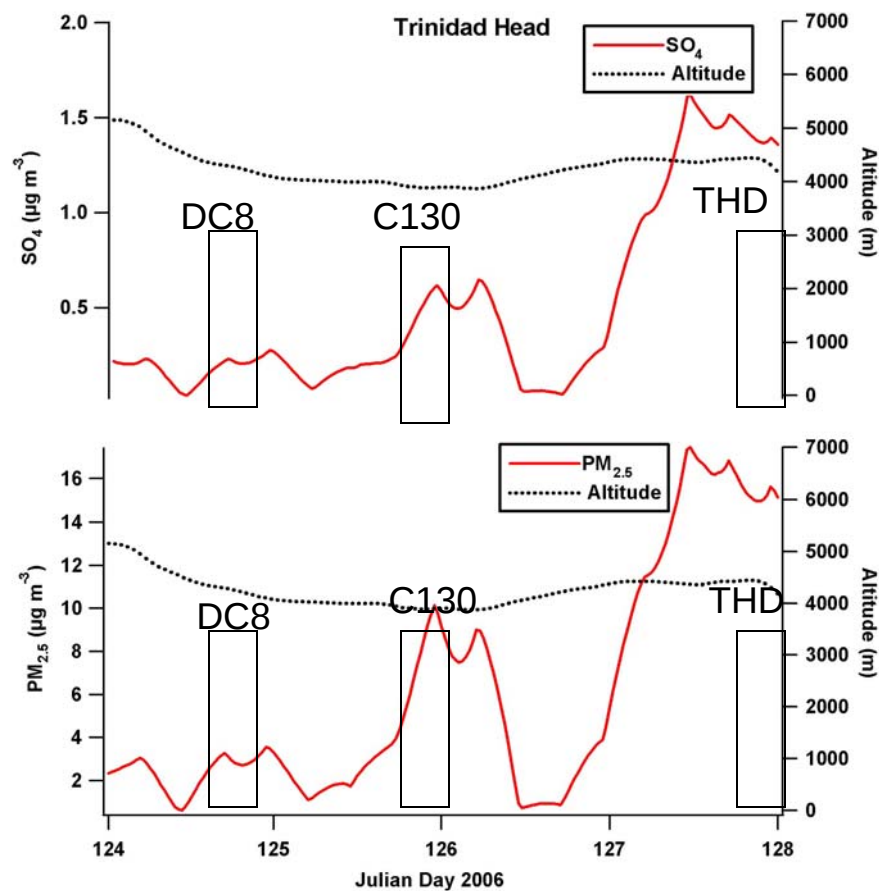


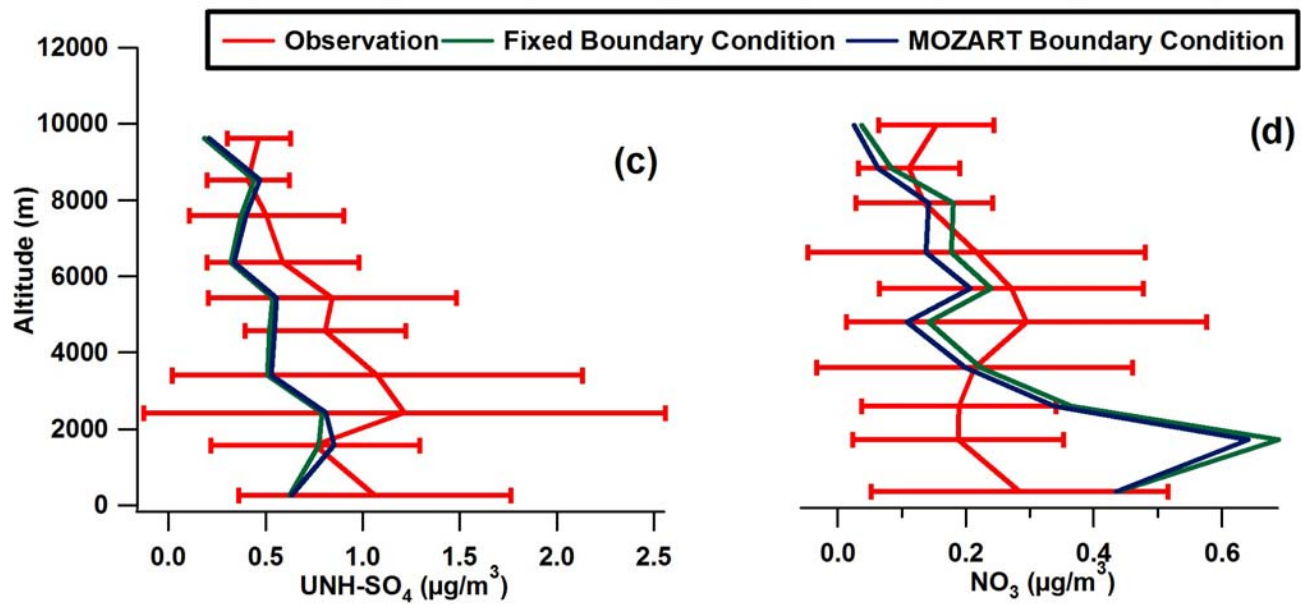
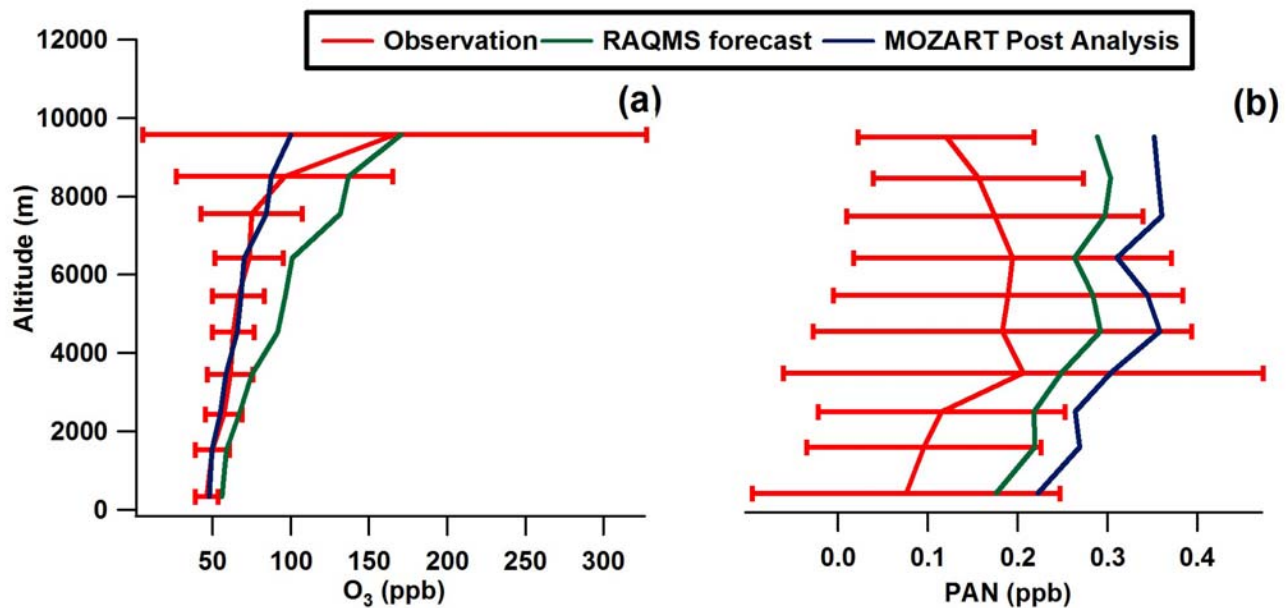
Time series of Back Trajectories

MTB

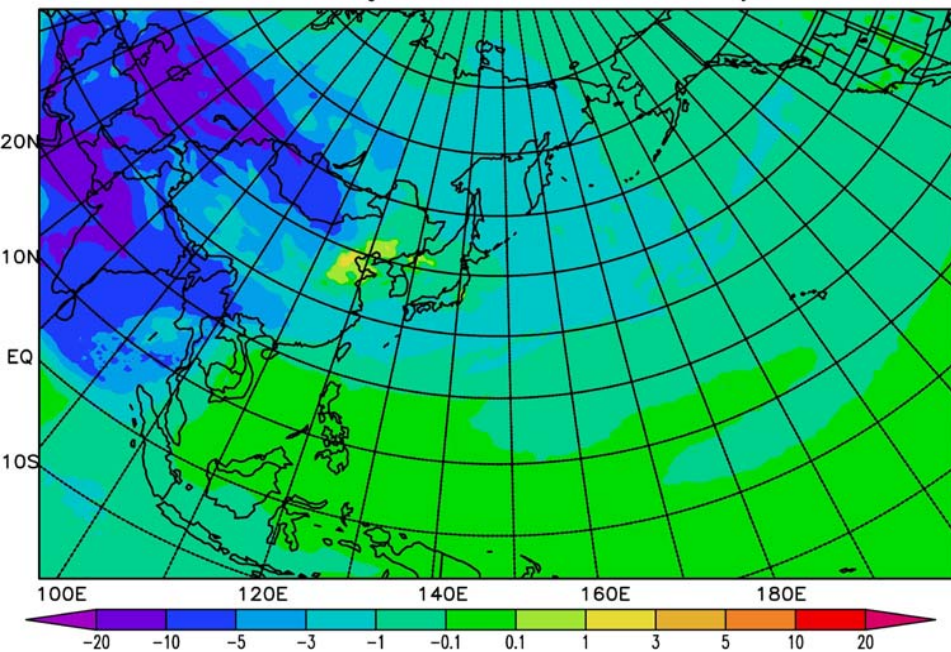


TDH

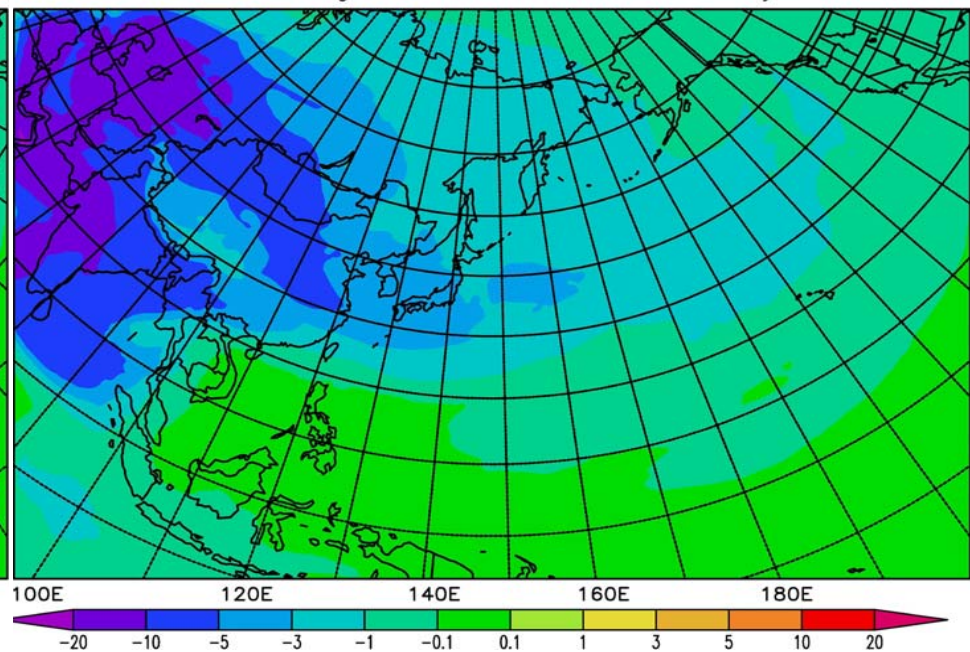




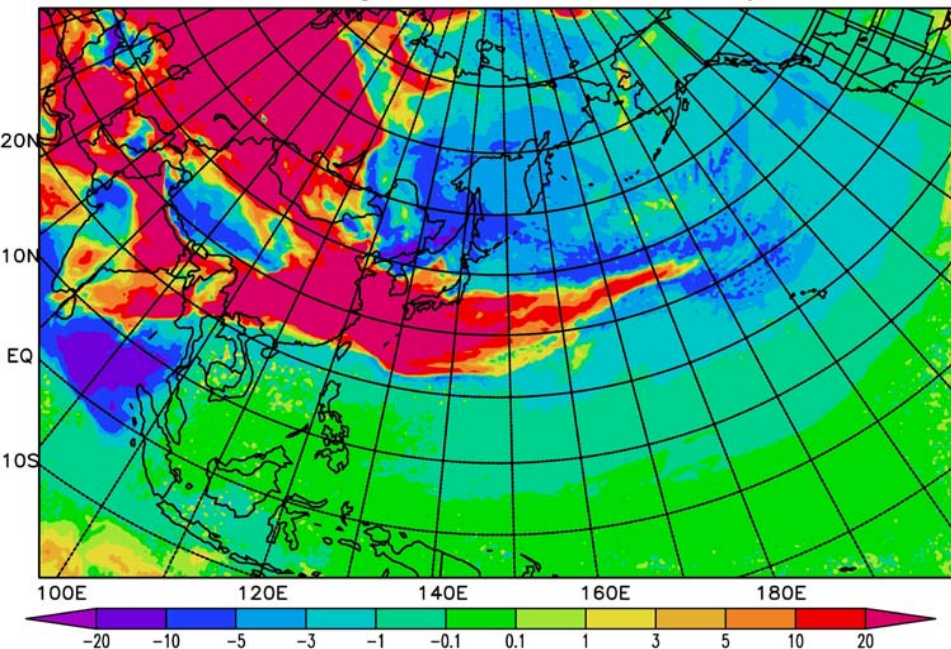
Percent Change in OH Concentration at 3 km layer



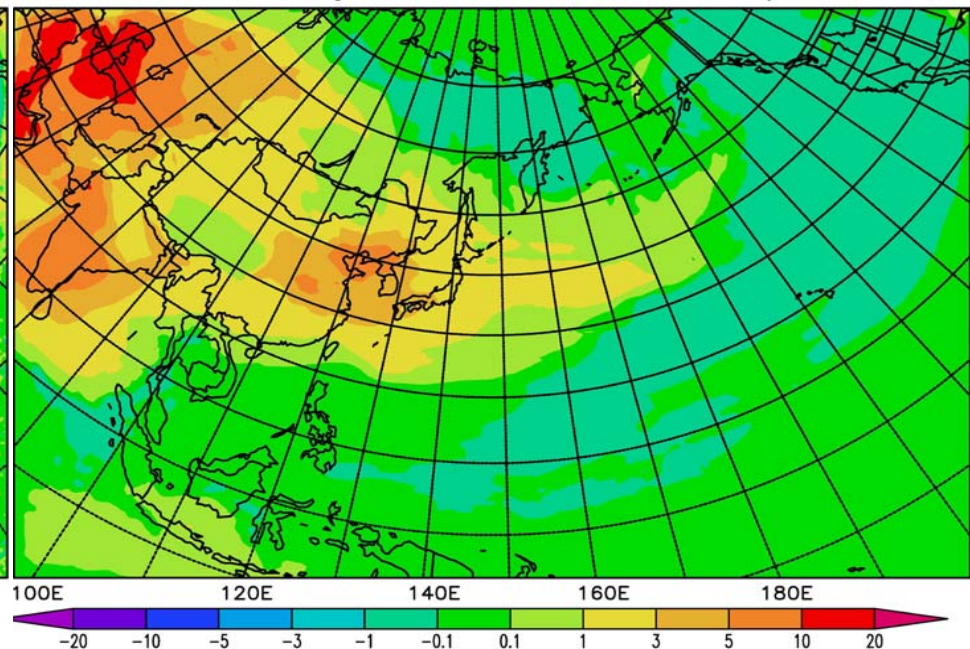
Percent Change in Ozone Concentration at 3 km layer



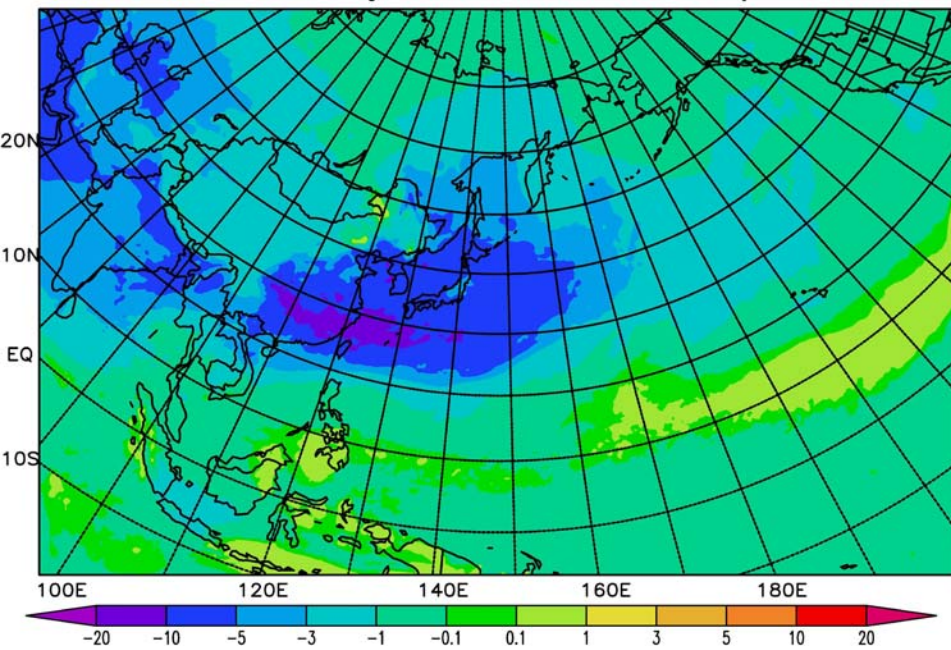
Percent Change in NO3 Concentration at 3 km layer



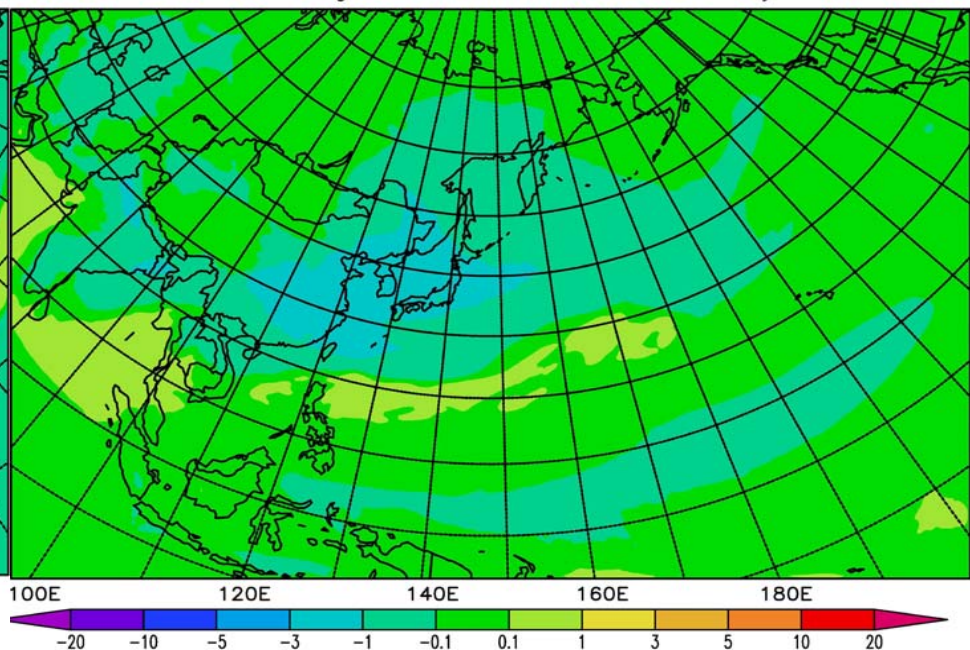
Percent Change in Sulfate Concentration at 3 km layer



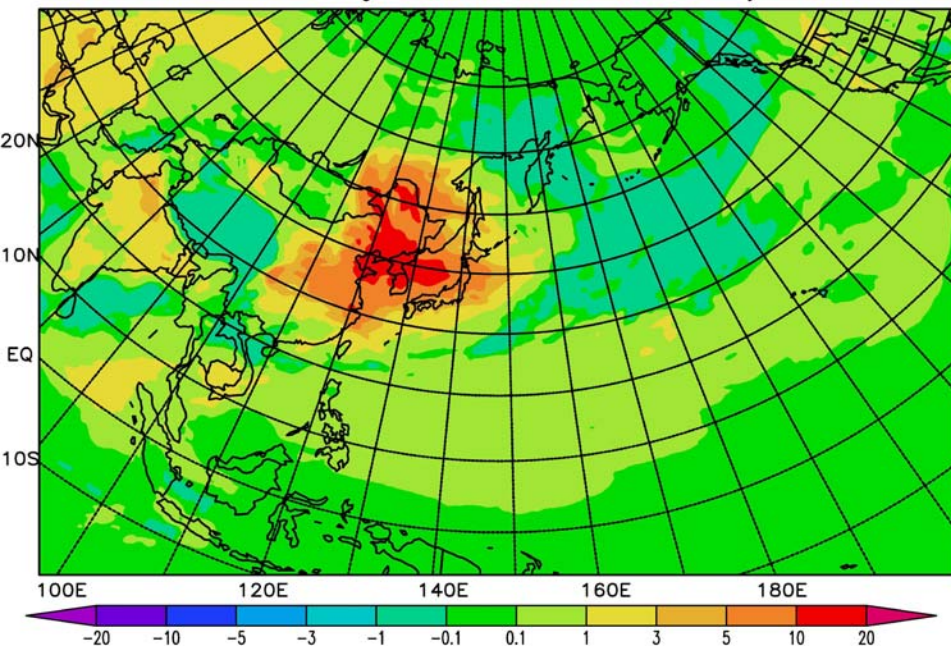
Percent Change in OH Concentration at 3 km layer



Percent Change in Ozone Concentration at 3 km layer



Percent Change in NOx Concentration at 3 km layer



Percent Change in Sulfate Concentration at 3 km layer

