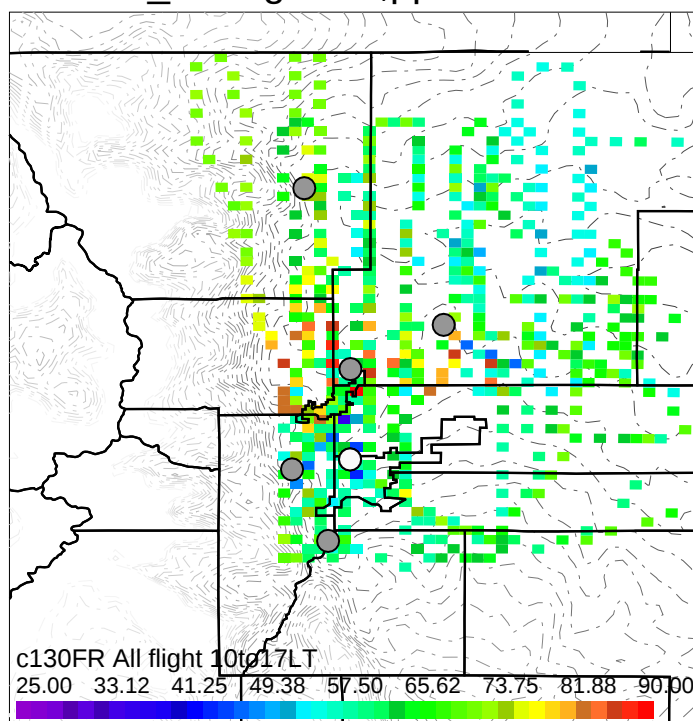
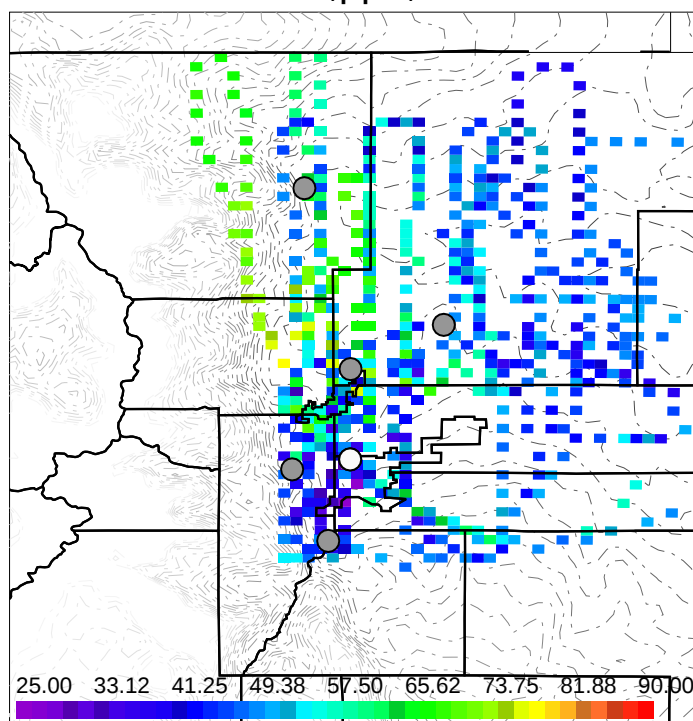


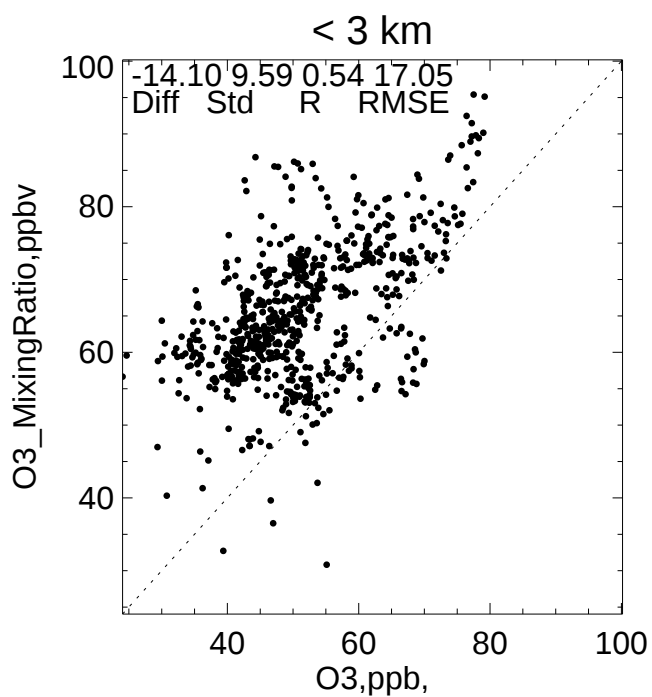
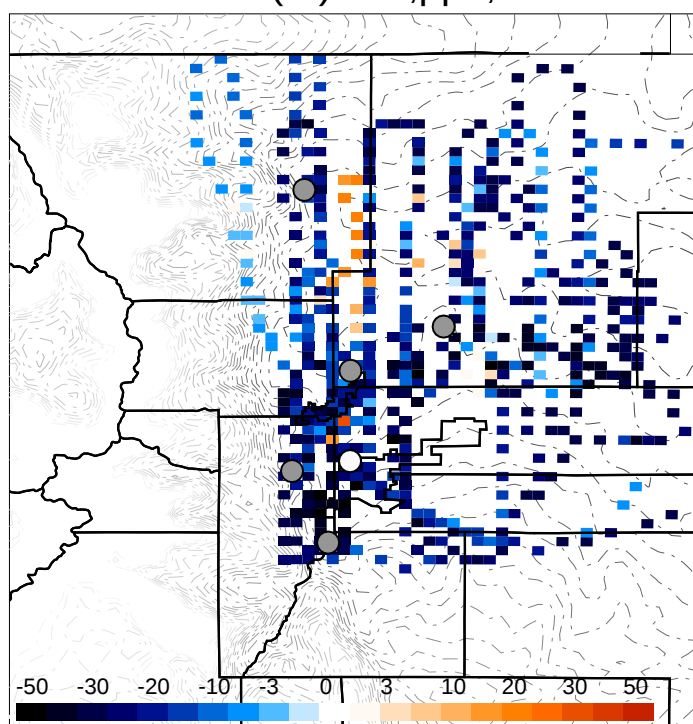
O3_MixingRatio,ppbv < 3 km



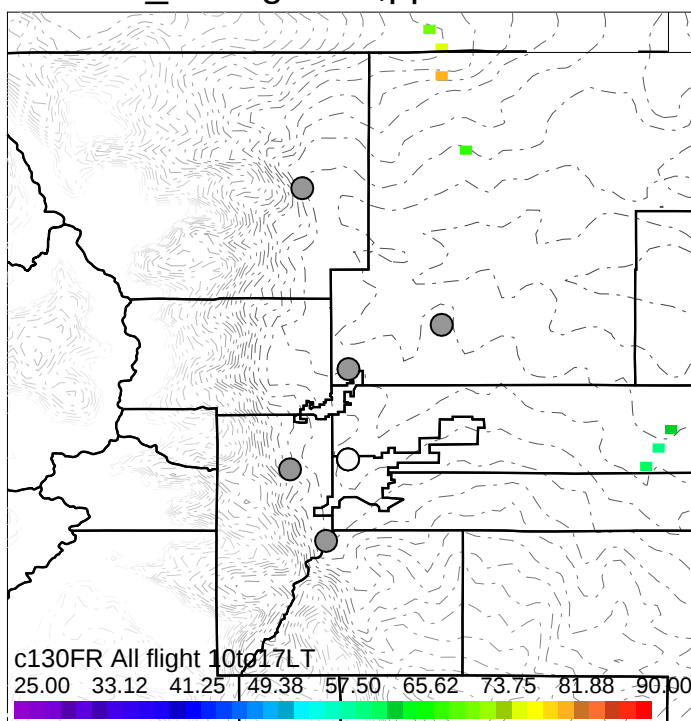
Model O3,ppb, < 3 km



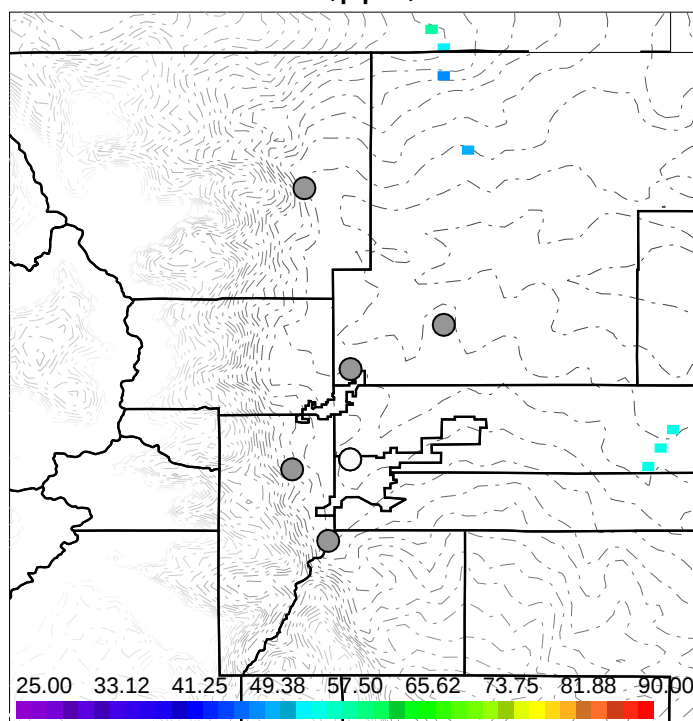
Model-Obs(%) O3,ppb, < 3 km



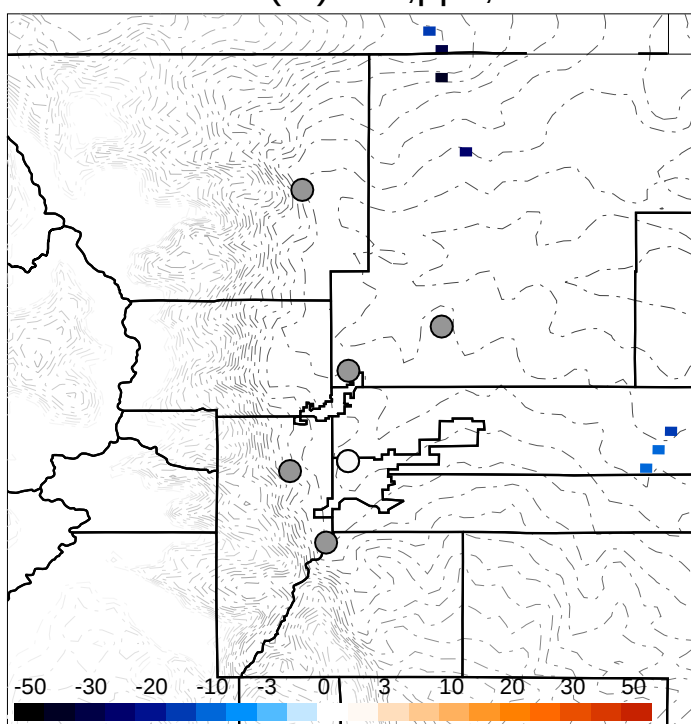
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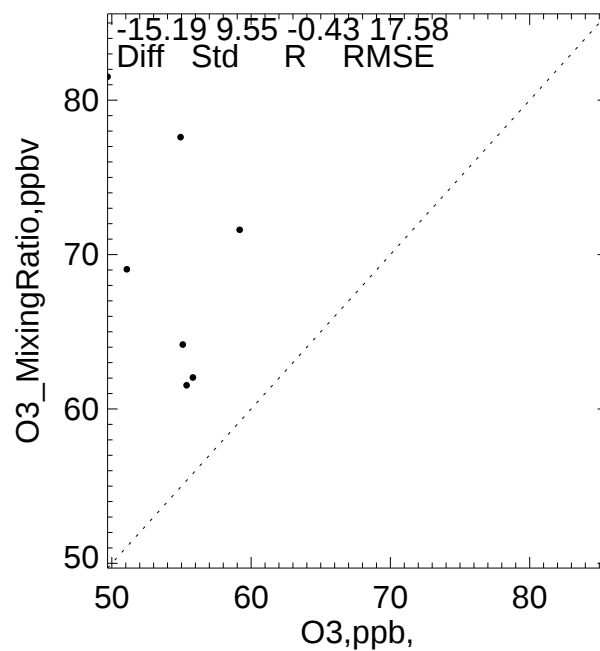
Model O3,ppb, > 3 km

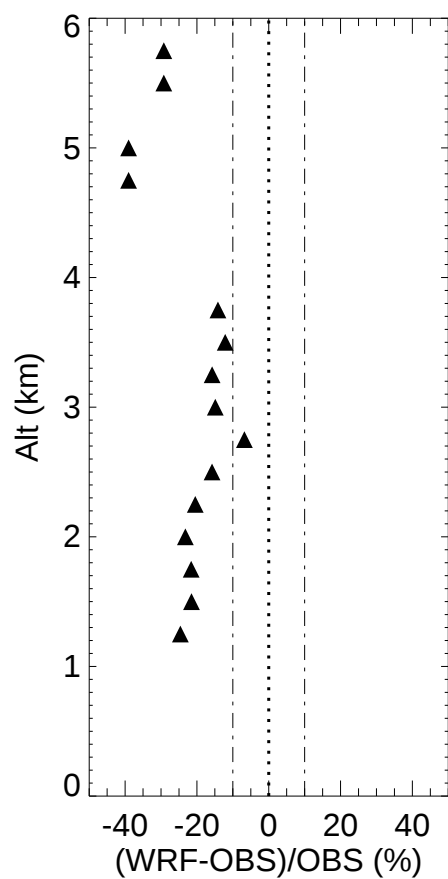
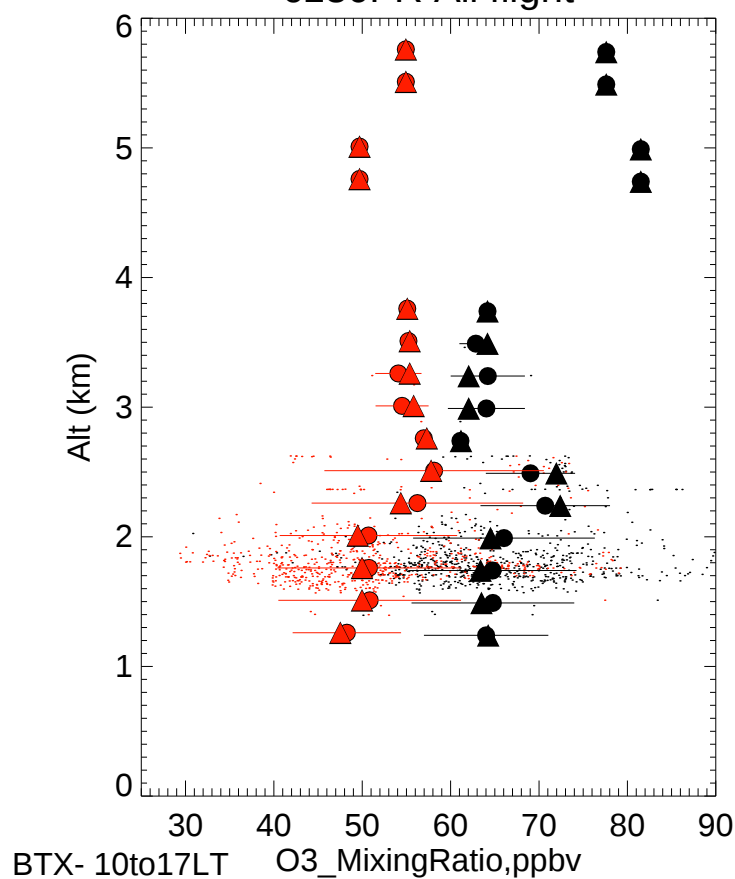
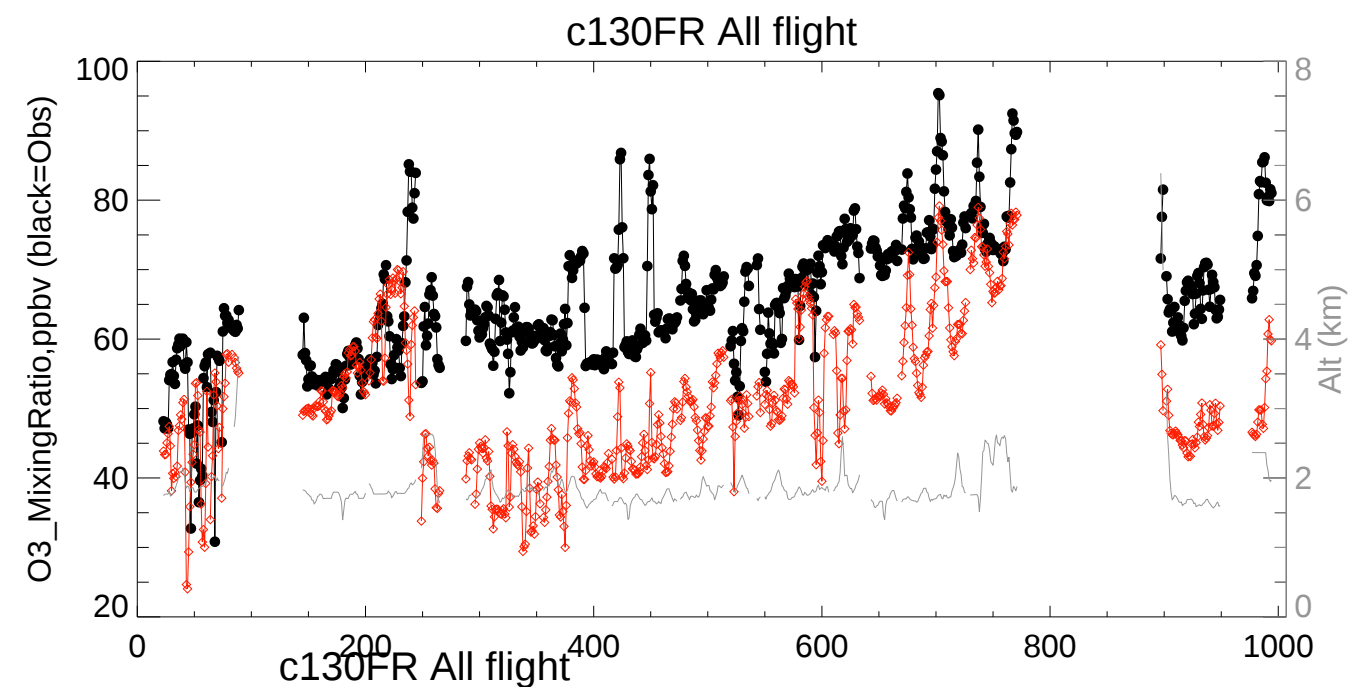


Model-Obs(%) O3,ppb, > 3 km

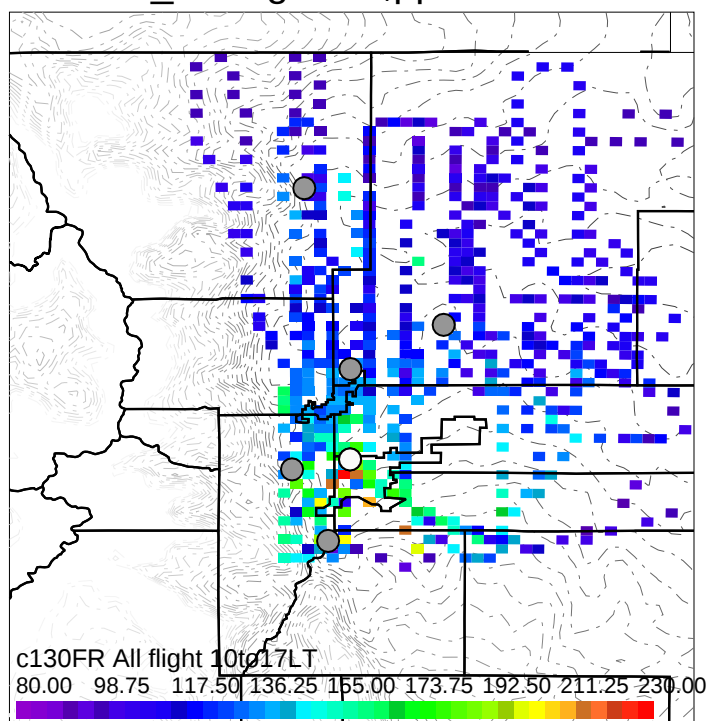


> 3 km

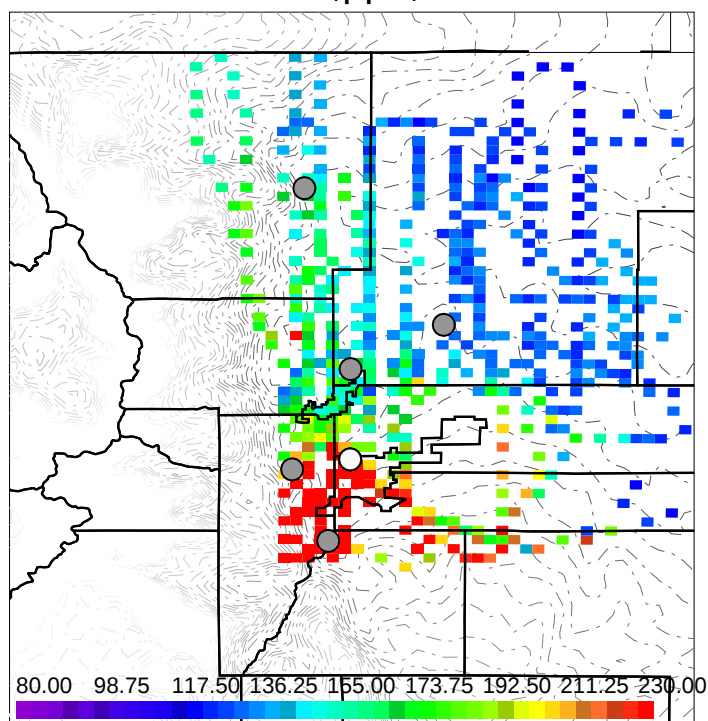




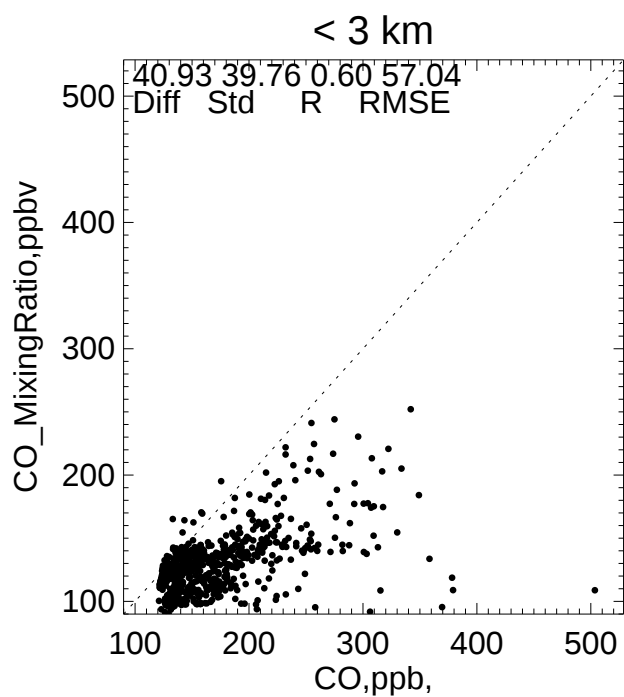
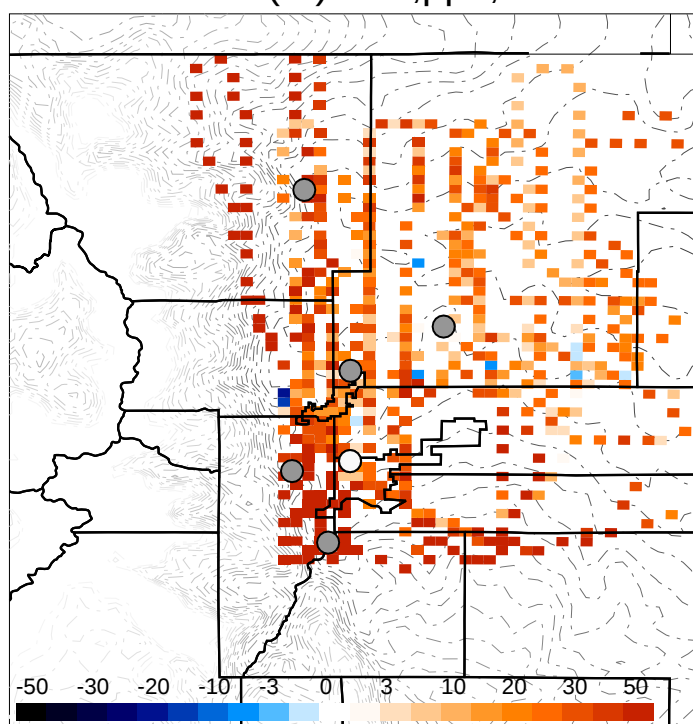
CO_MixingRatio,ppbv < 3 km



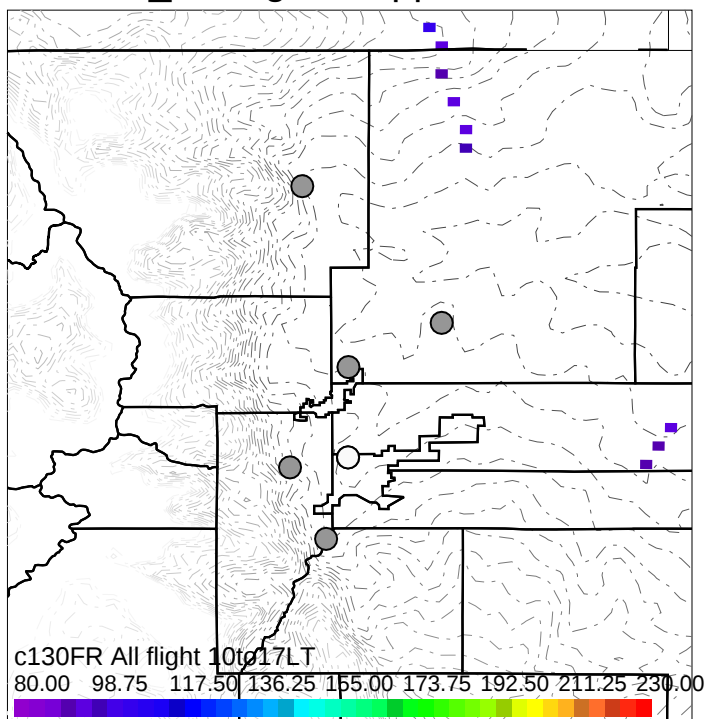
Model CO,ppb, < 3 km



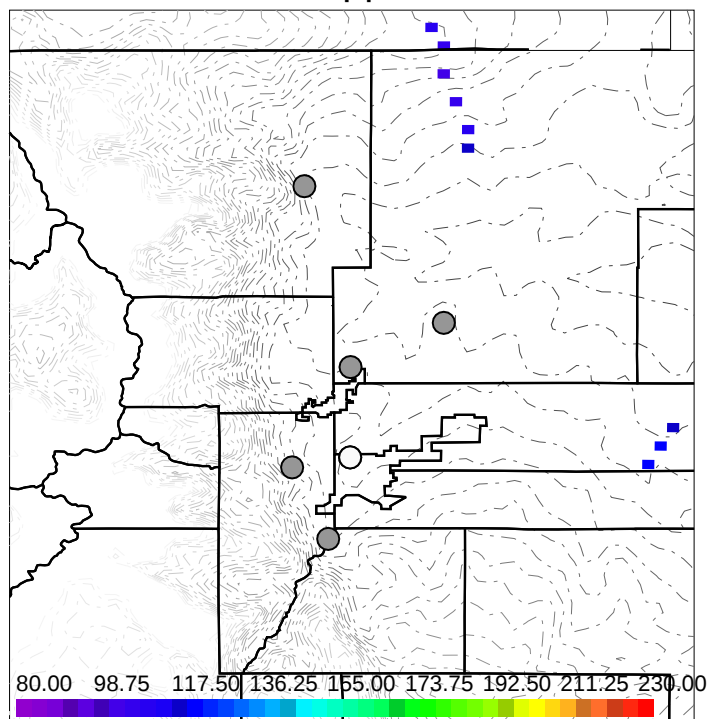
Model-Obs(%) CO,ppb, < 3 km



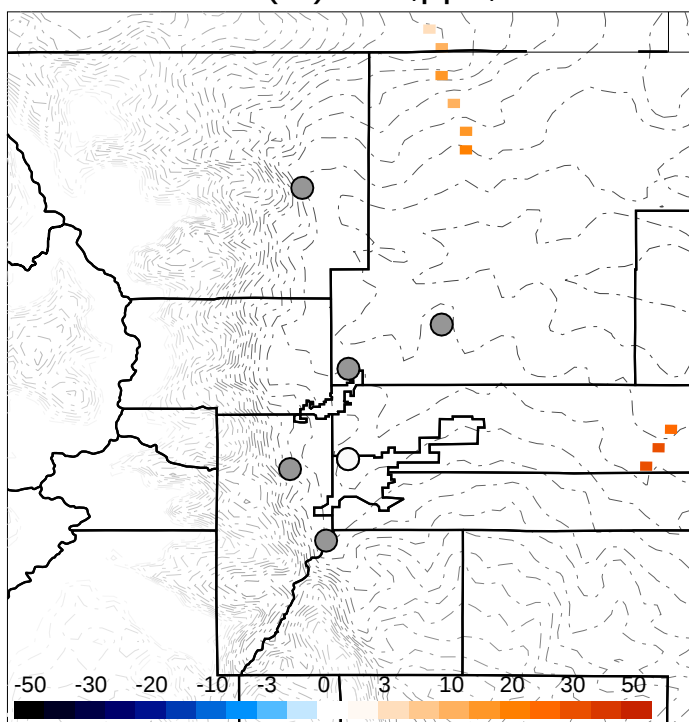
CO_MixingRatio,ppbv > 3 km



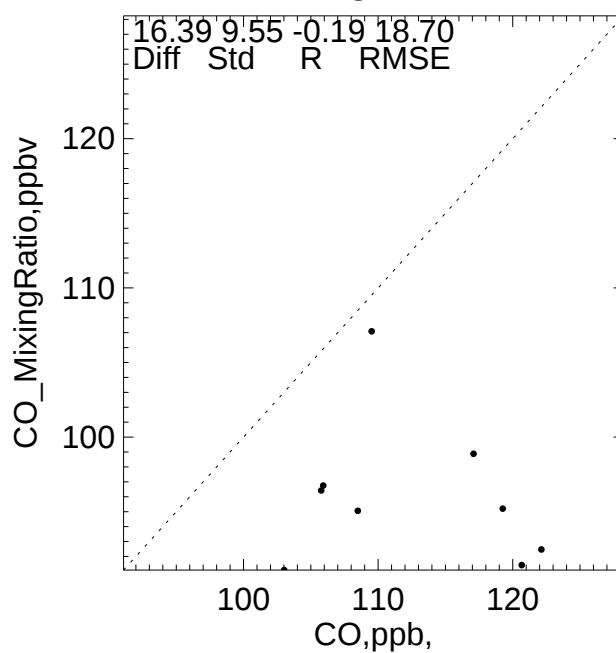
Model CO,ppb, > 3 km

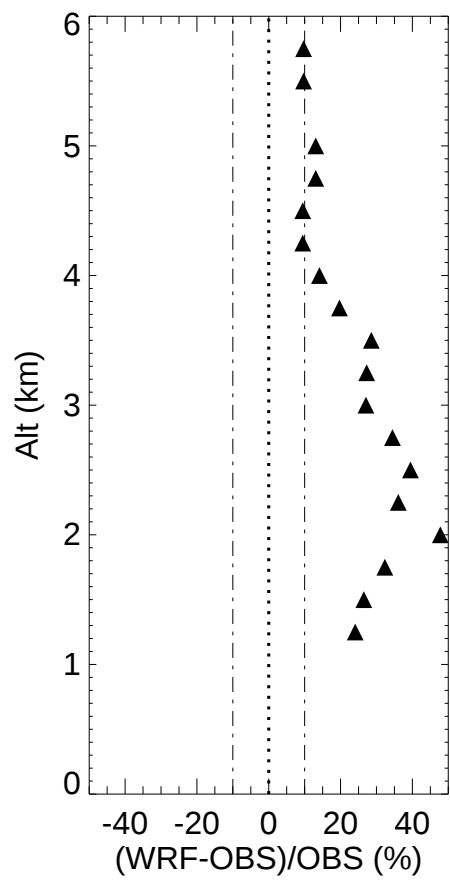
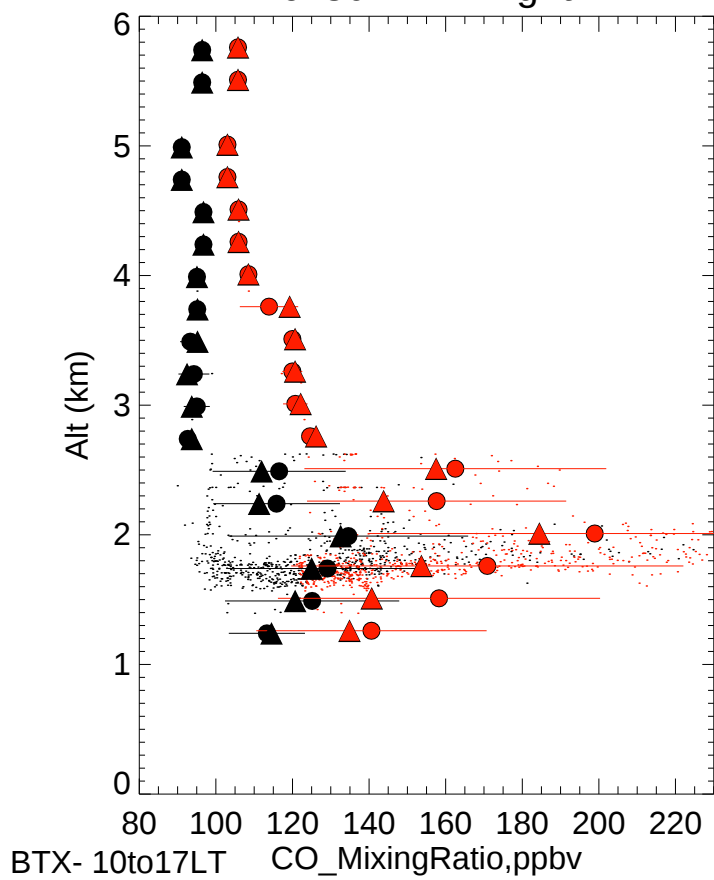
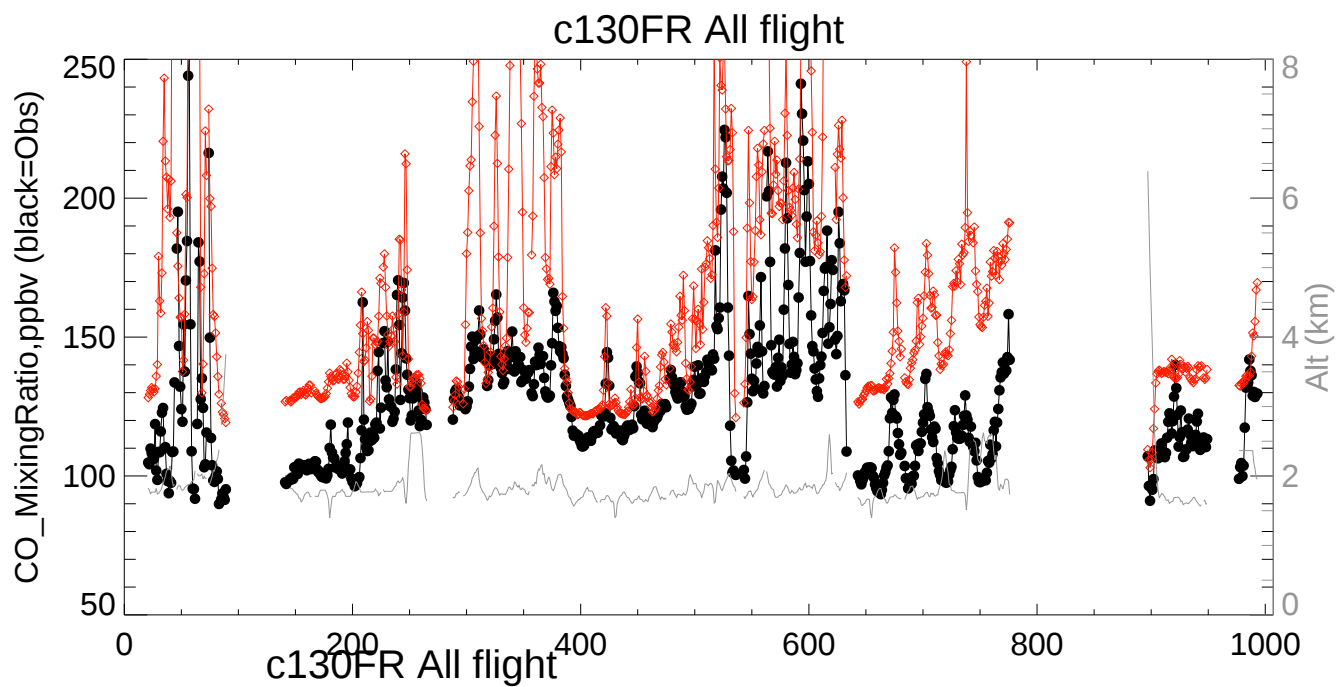


Model-Obs(%) CO,ppb, > 3 km

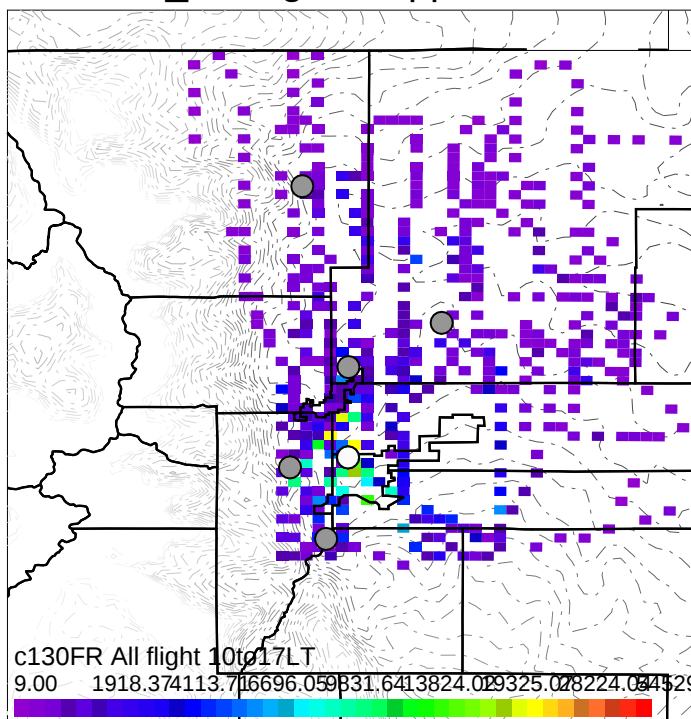


> 3 km

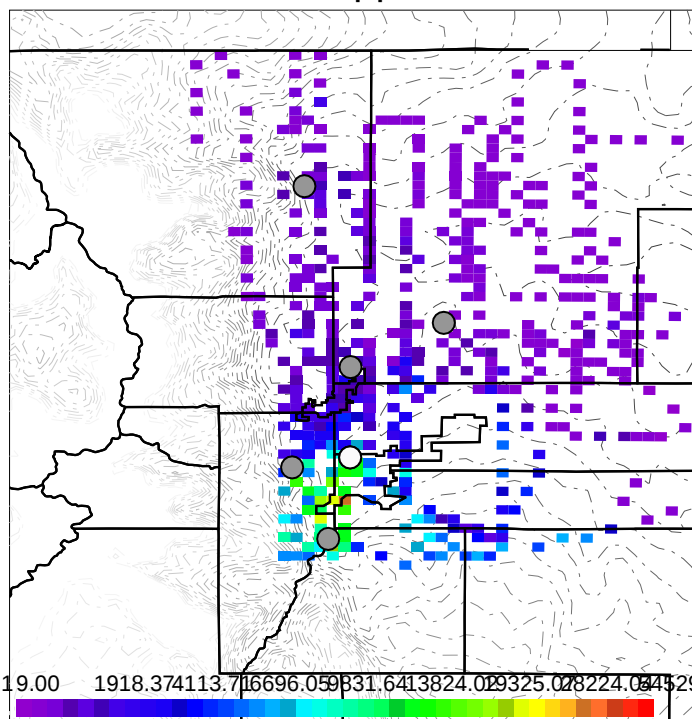




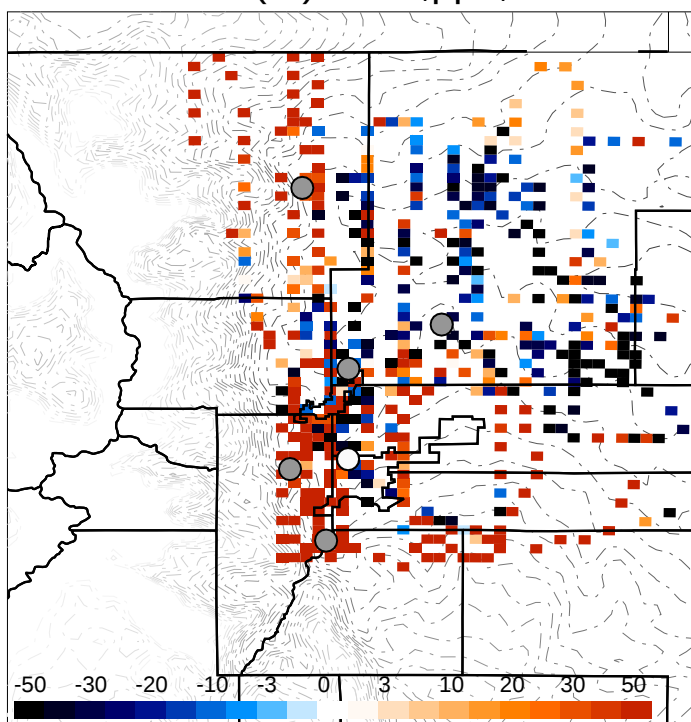
NO2_MixingRatio,pptv < 3 km



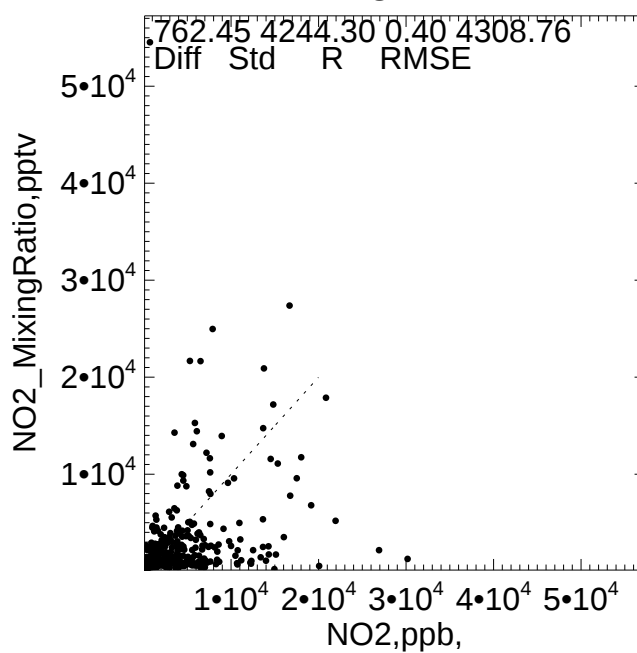
Model NO2,ppb, < 3 km



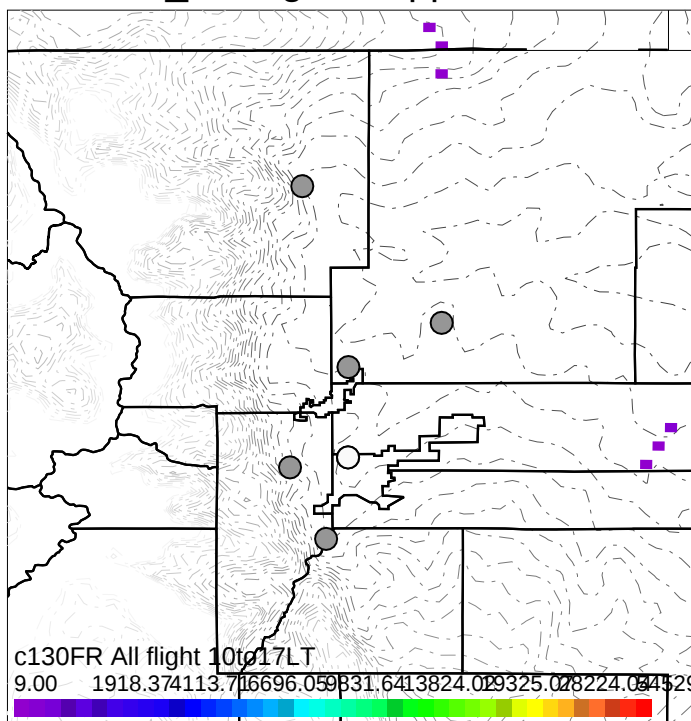
Model-Obs(%) NO2,ppb, < 3 km



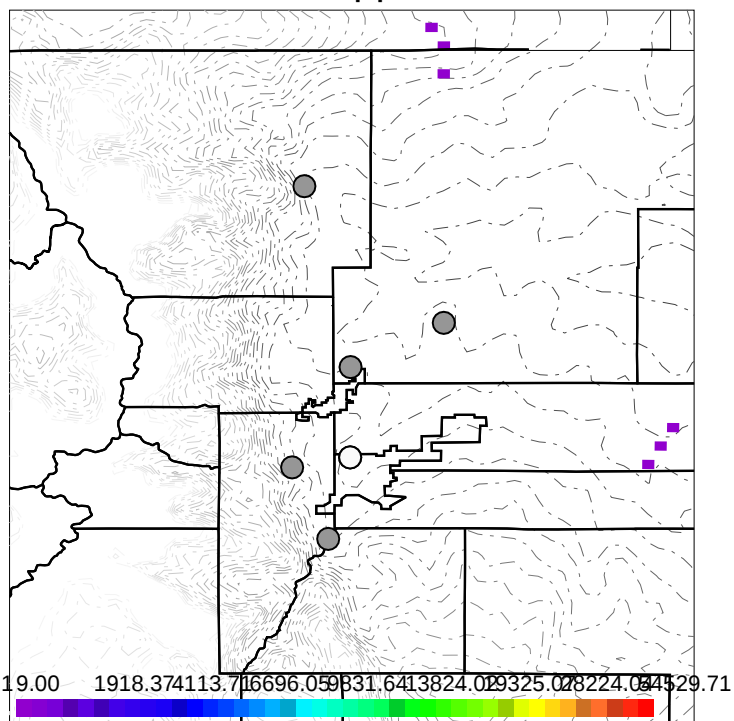
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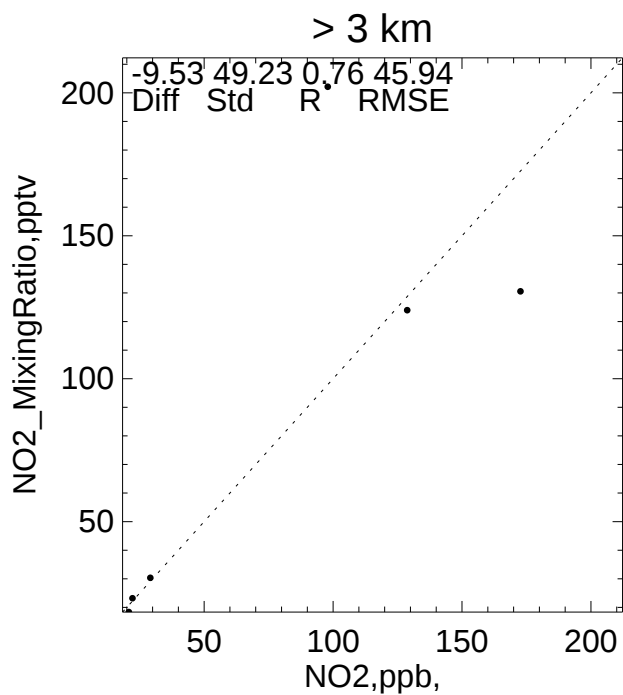
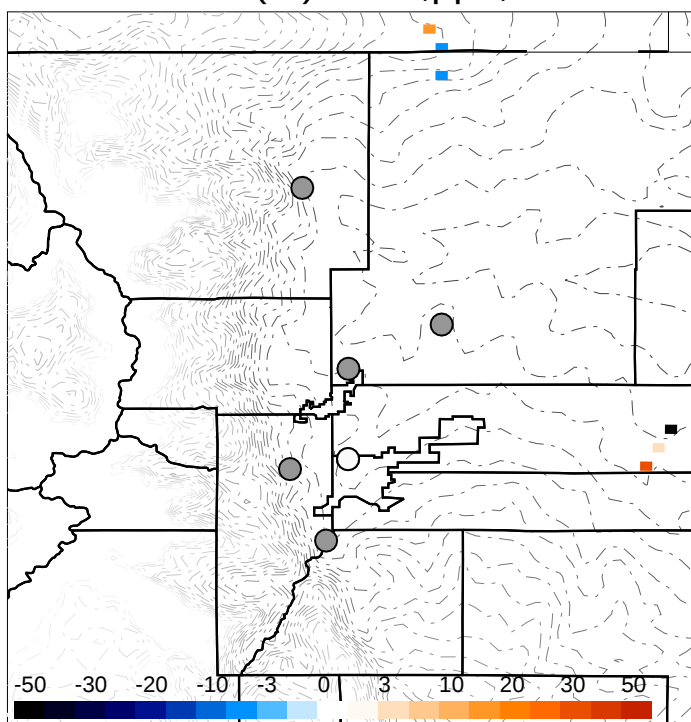
NO2_MixingRatio,pptv > 3 km

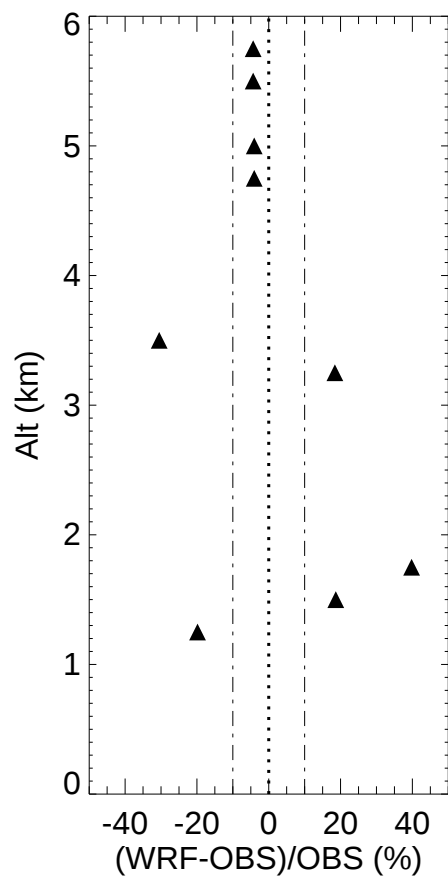
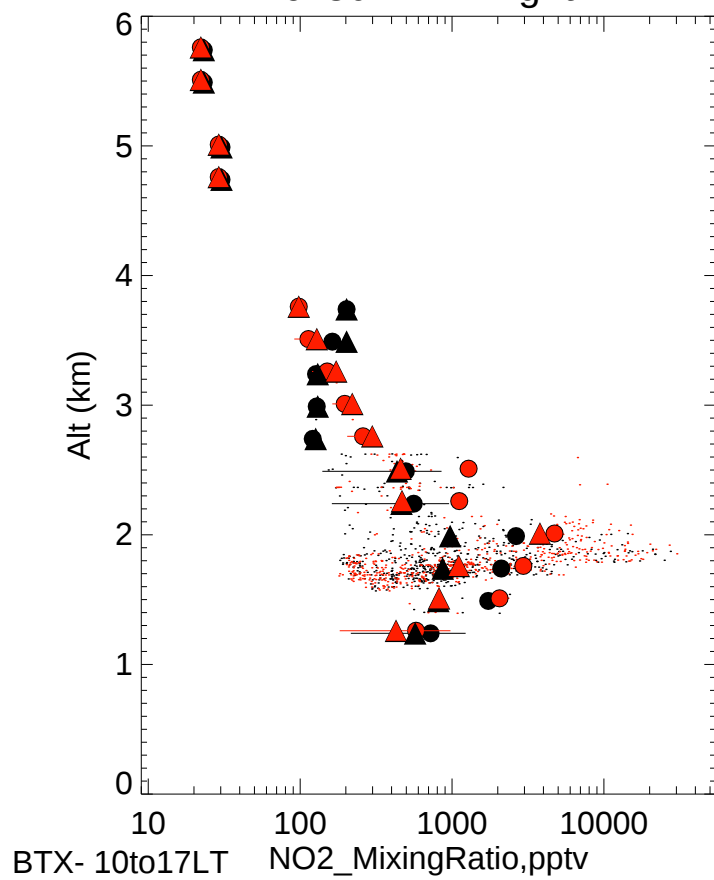
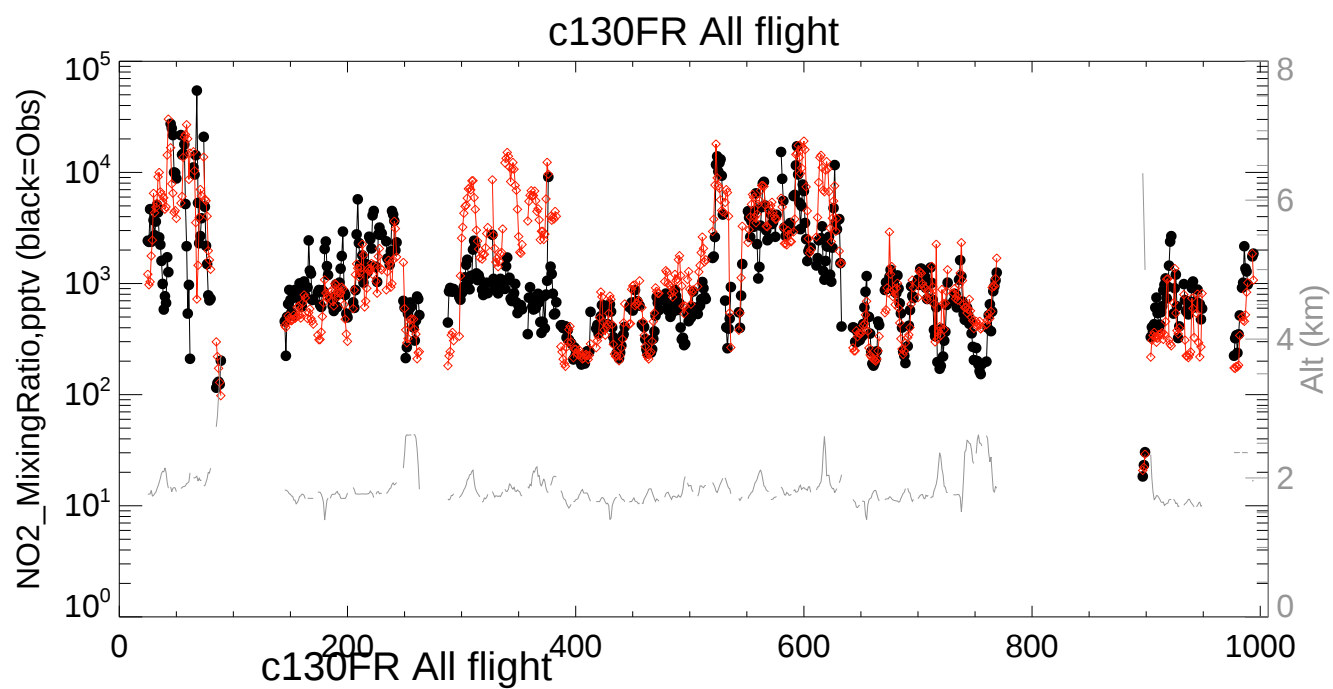


Model NO2,ppb, > 3 km

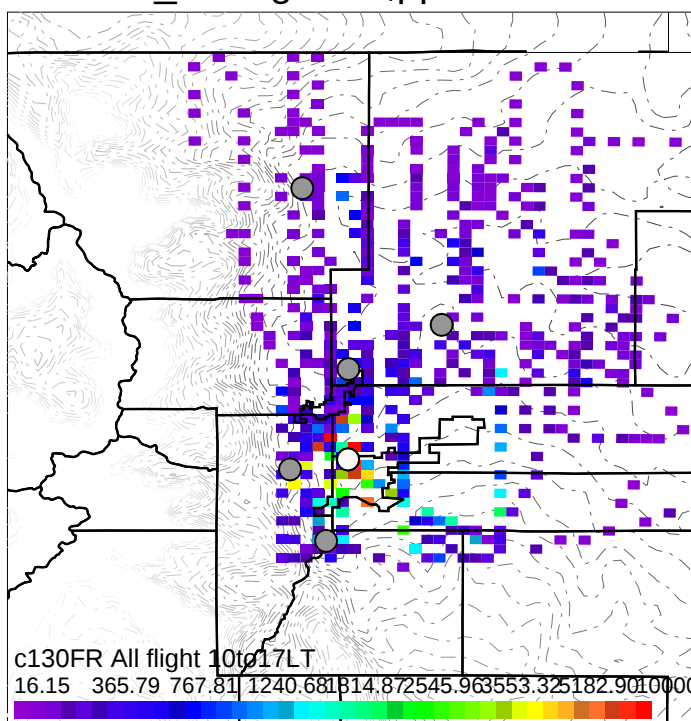


Model-Obs(%) NO2,ppb, > 3 km

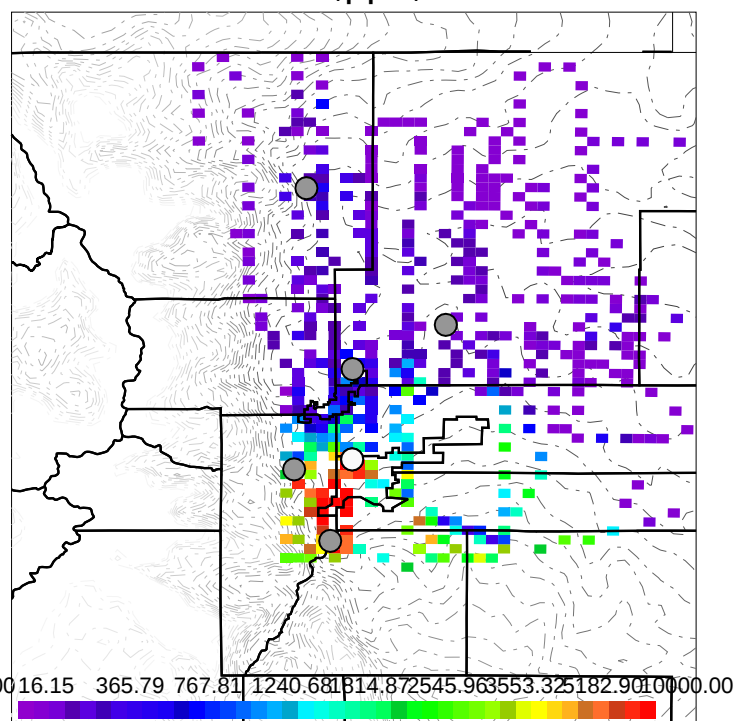




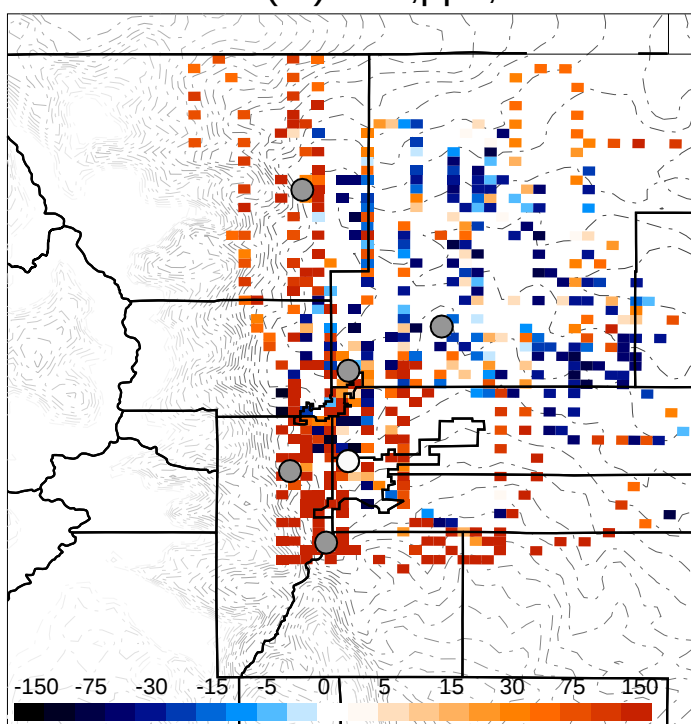
NO_MixingRatio,pptv < 3 km



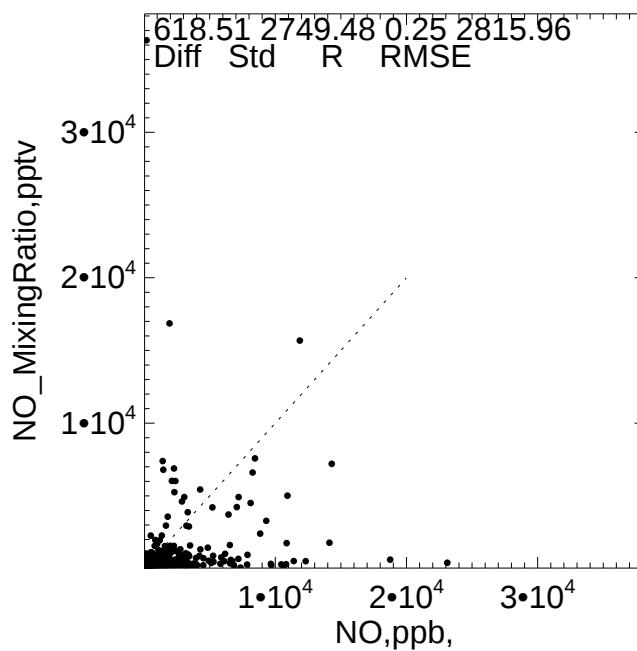
Model NO,ppb, < 3 km



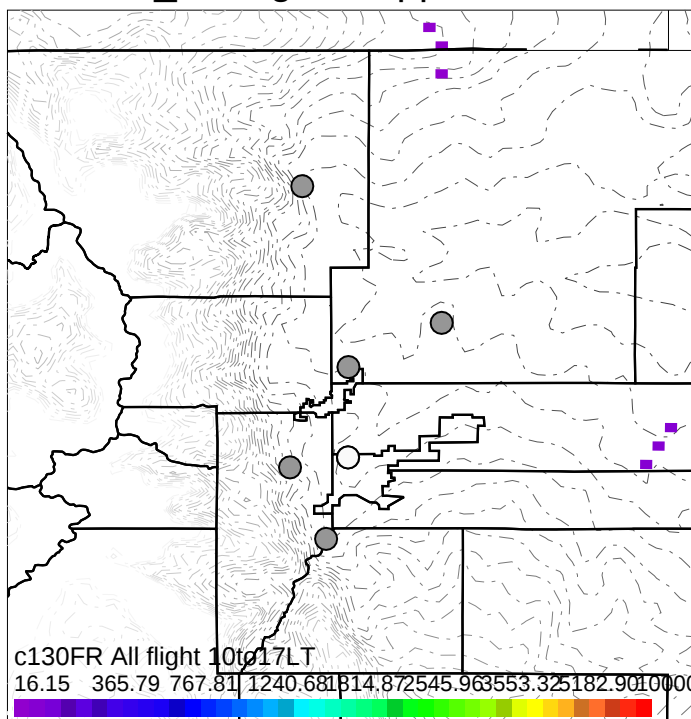
Model-Obs(%) NO,ppb, < 3 km



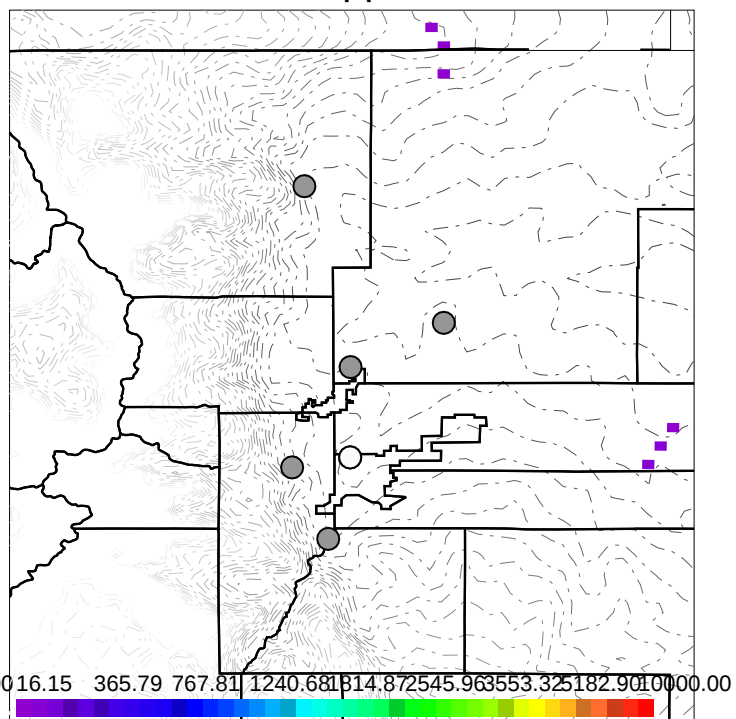
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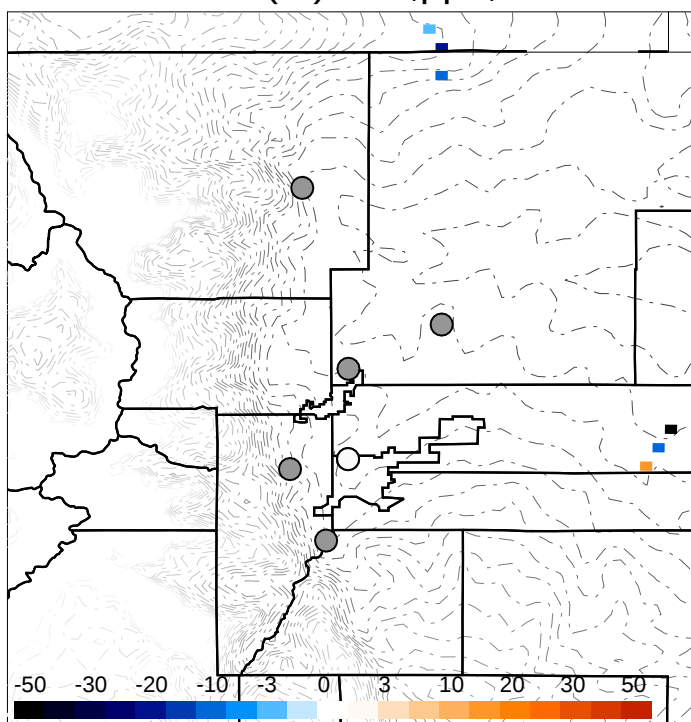
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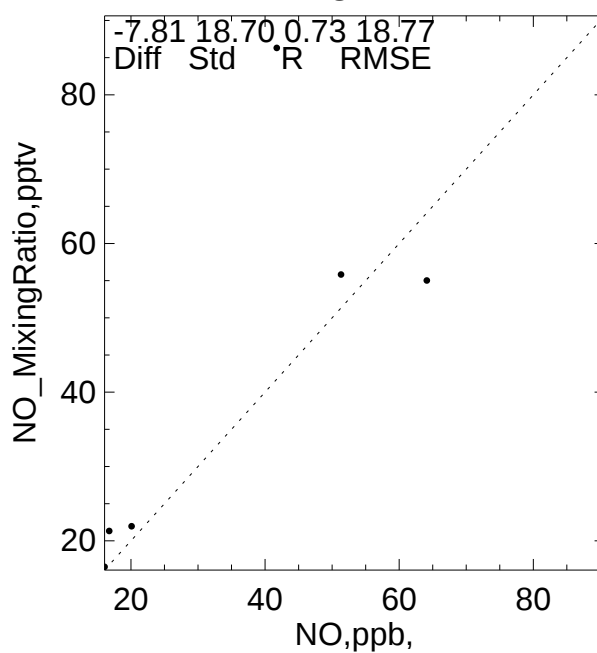
Model NO,ppb, > 3 km

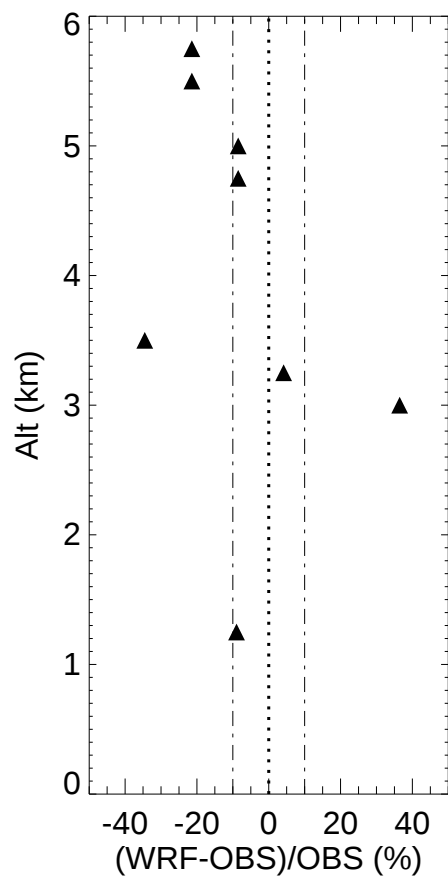
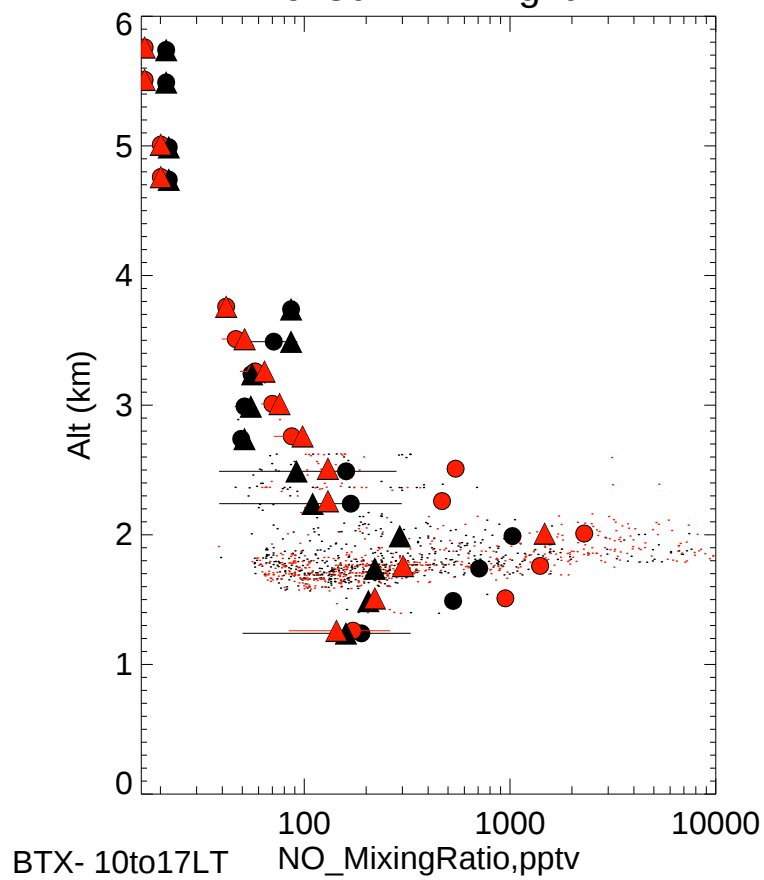
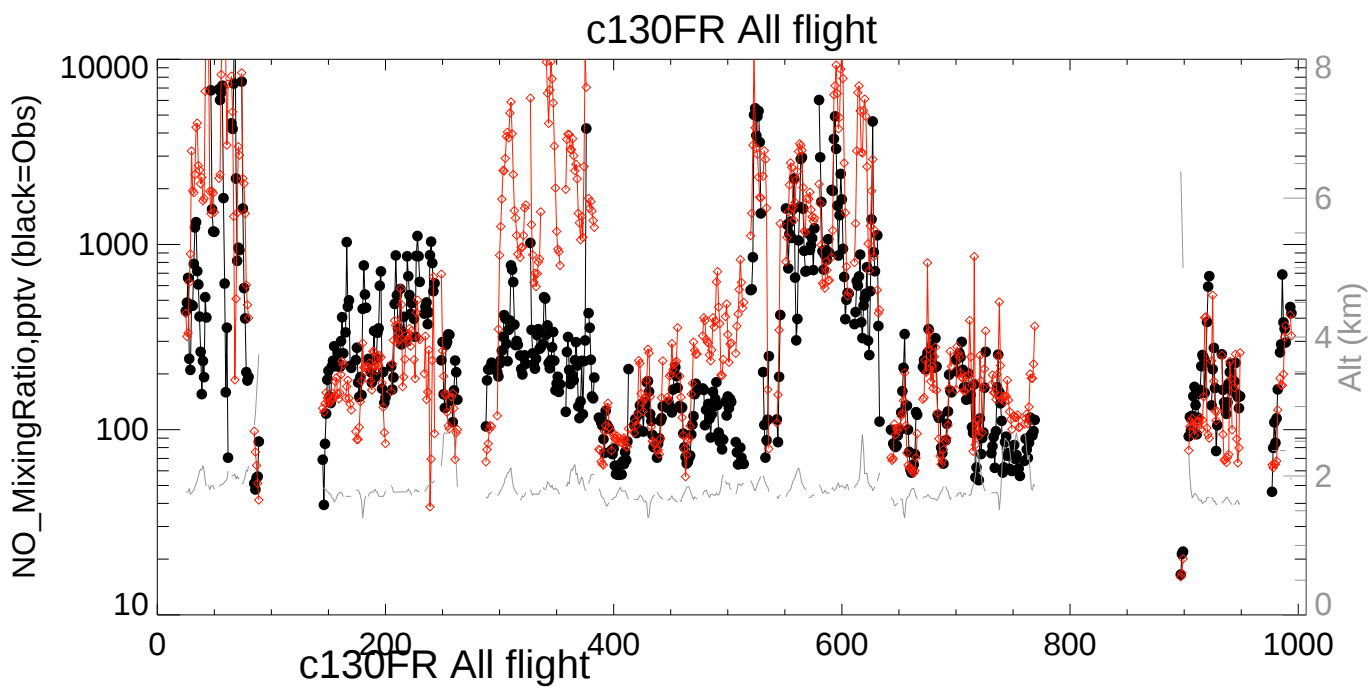


Model-Obs(%) NO,ppb, > 3 km

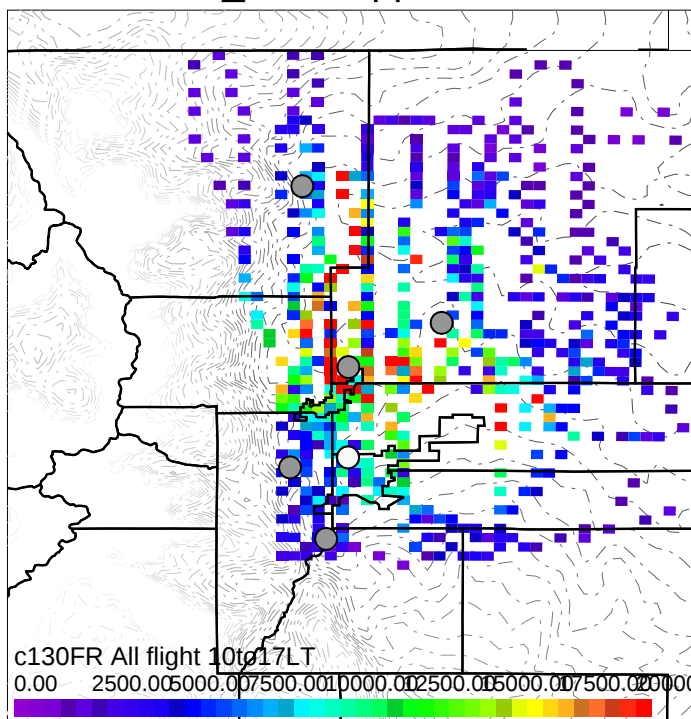


> 3 km

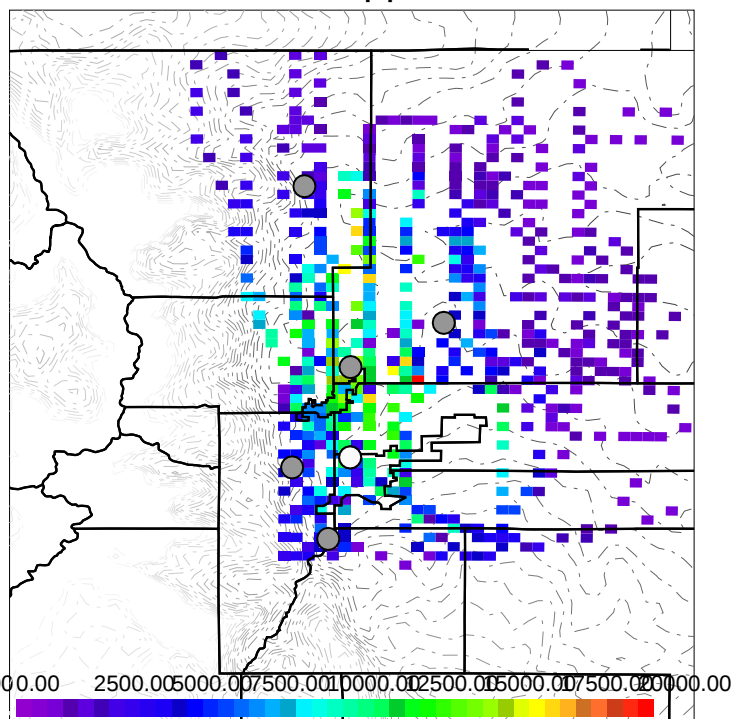




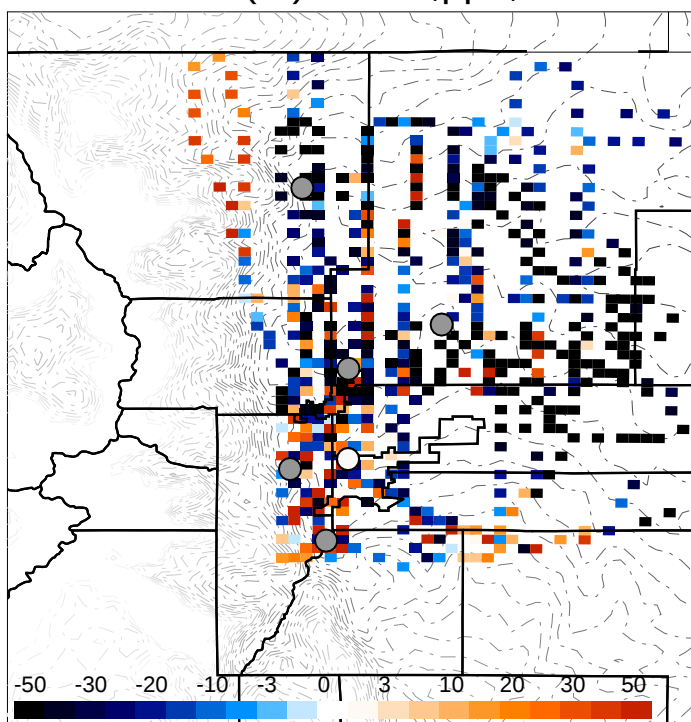
C2H6_CAMS,pptv < 3 km



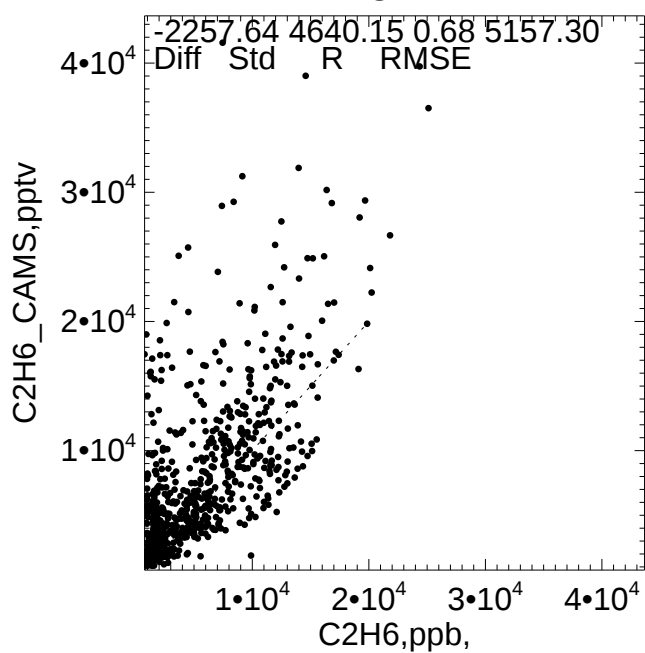
Model C2H6,ppb, < 3 km



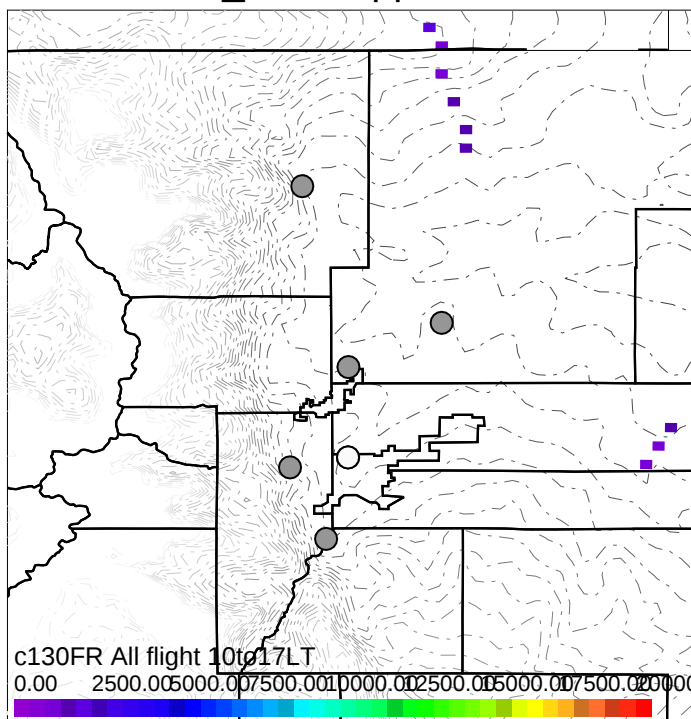
Model-Obs(%) C2H6,ppb, < 3 km



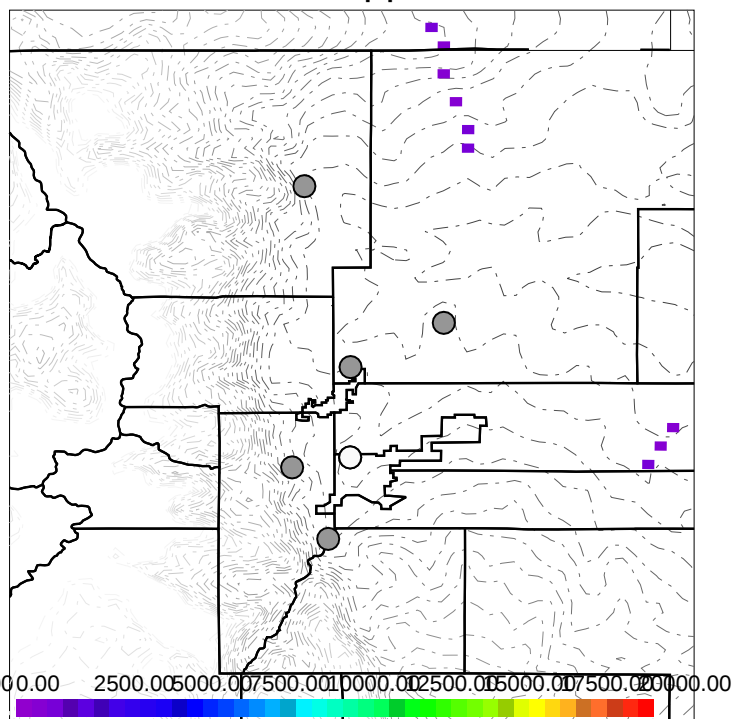
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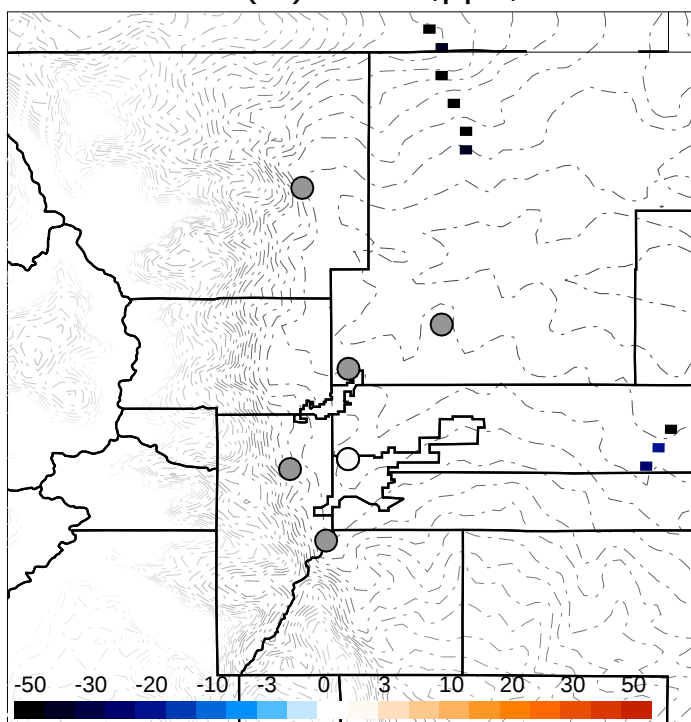
C2H6_CAMS,pptv > 3 km



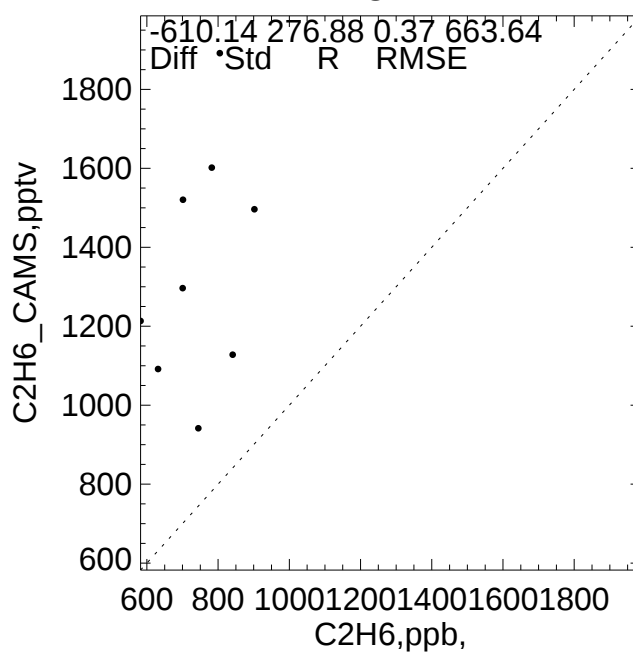
Model C2H6,ppb, > 3 km

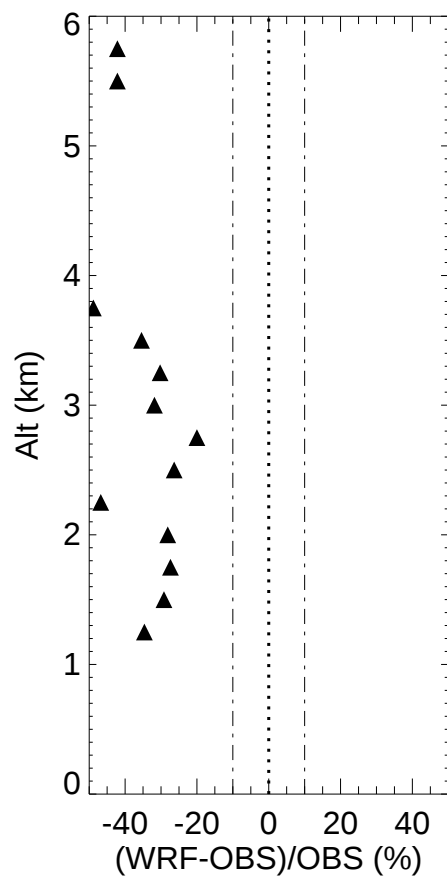
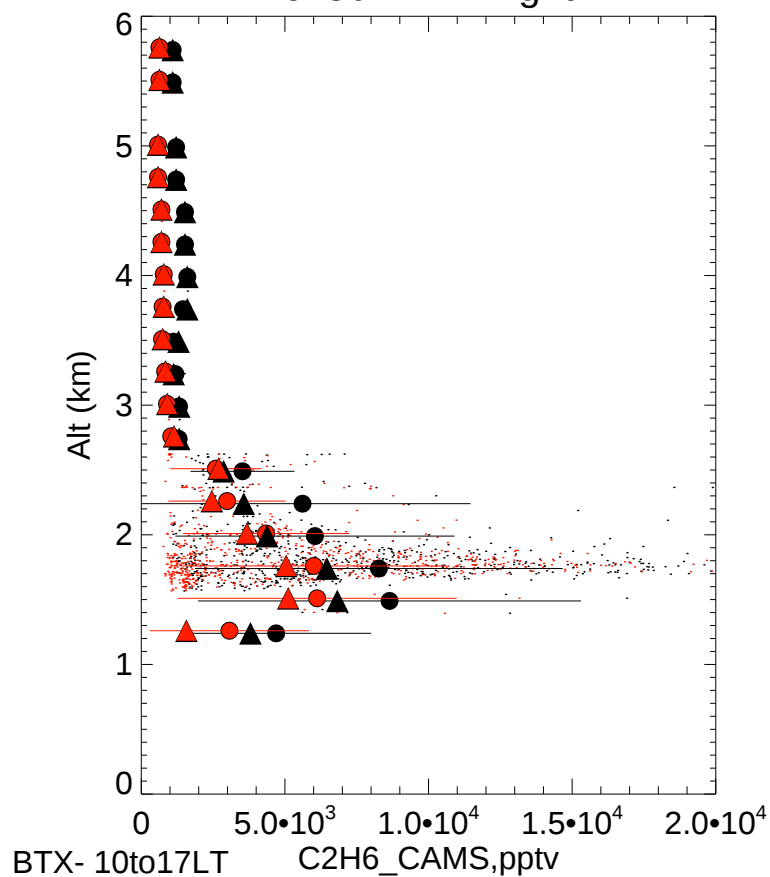
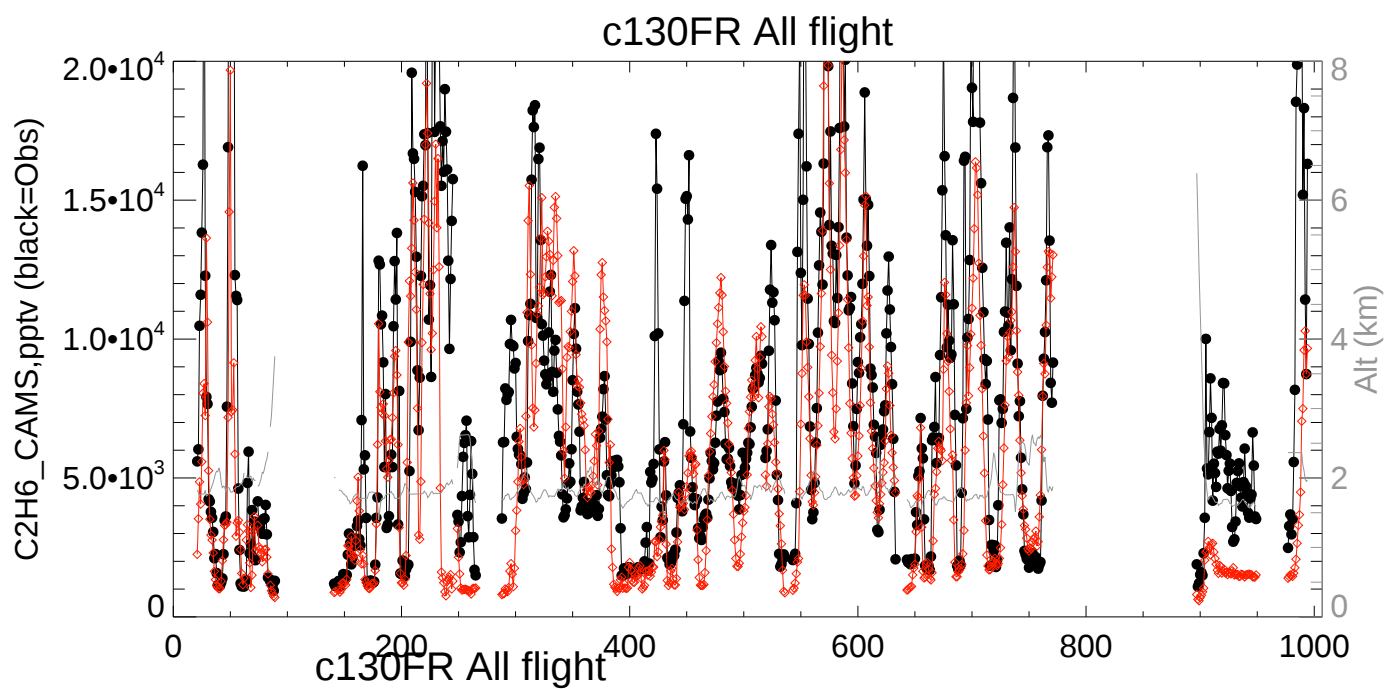


Model-Obs(%) C2H6,ppb, > 3 km

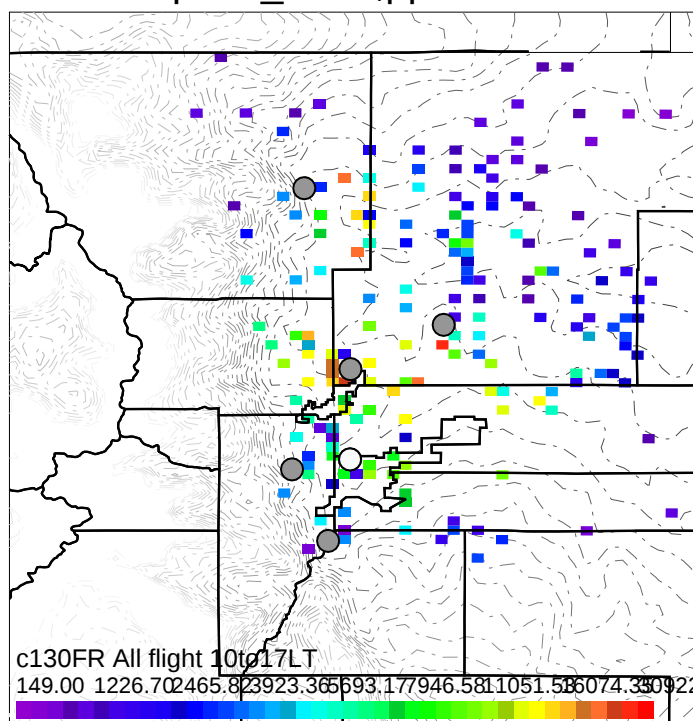


> 3 km

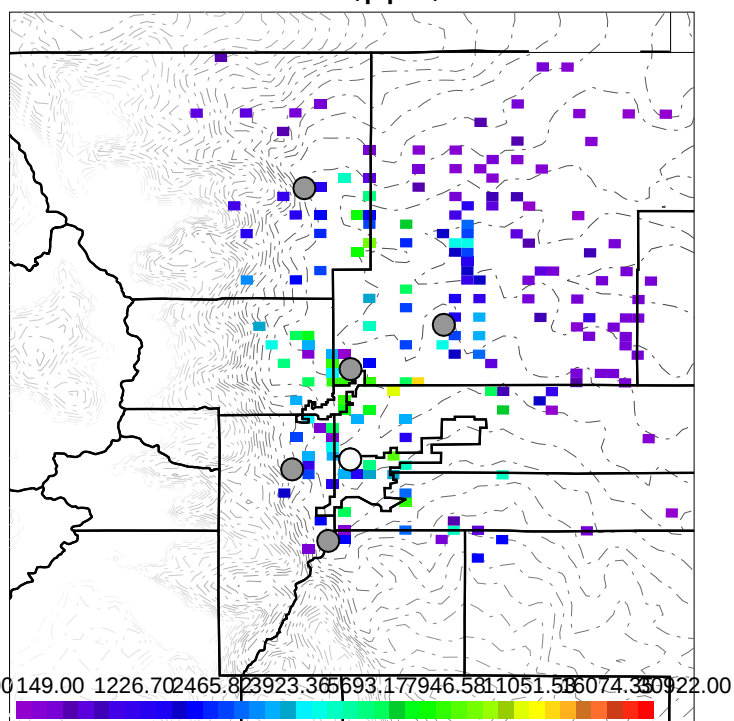




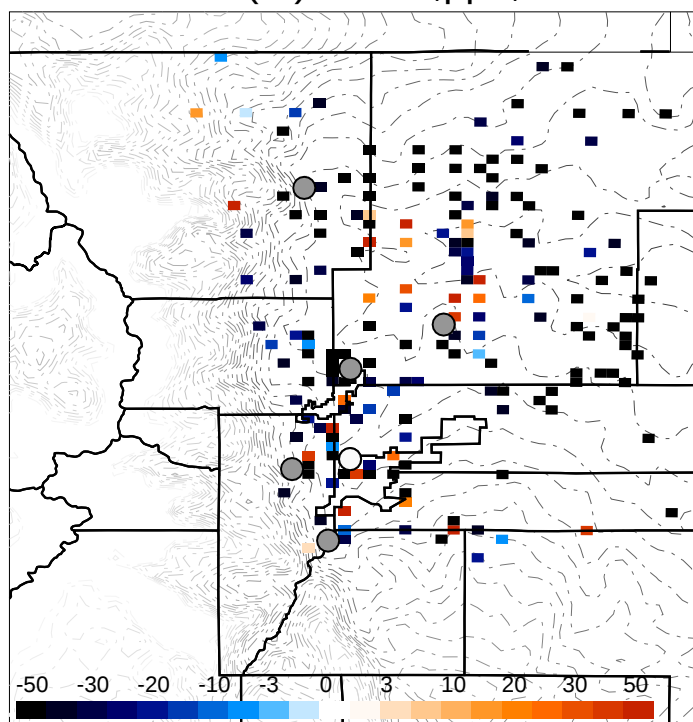
Propane_WAS,pptv < 3 km



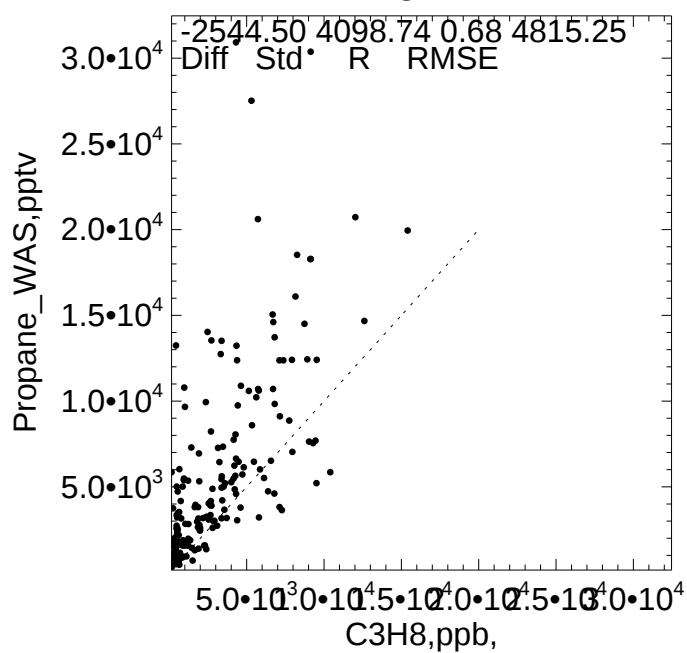
Model C3H8,ppb, < 3 km



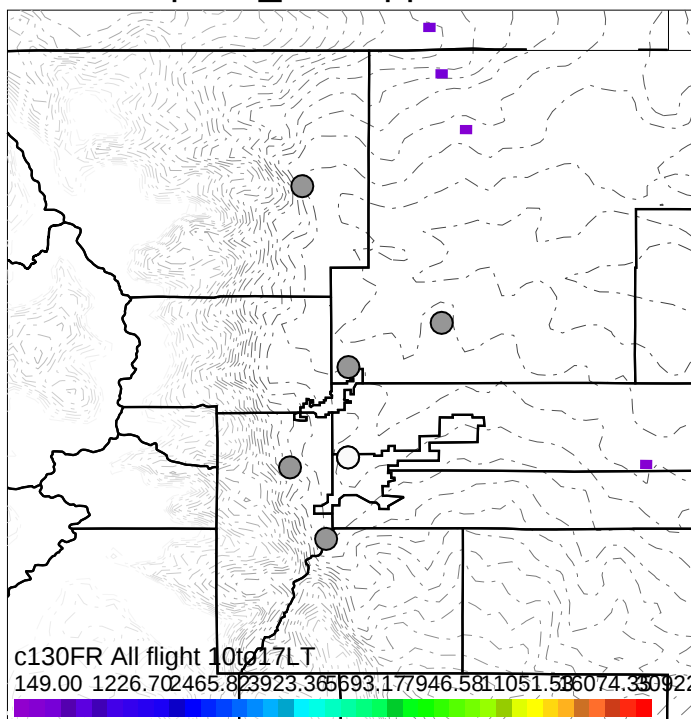
Model-Obs(%) C3H8,ppb, < 3 km



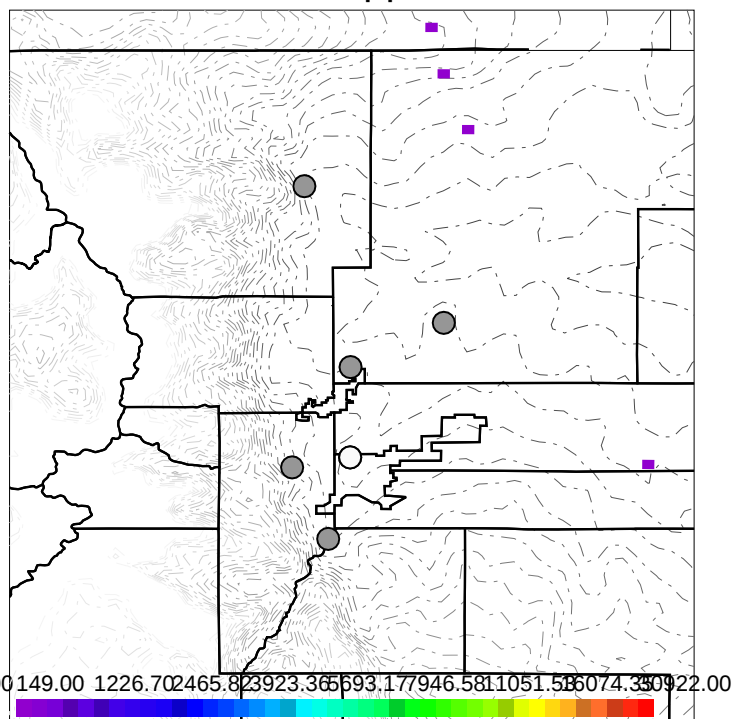
< 3 km



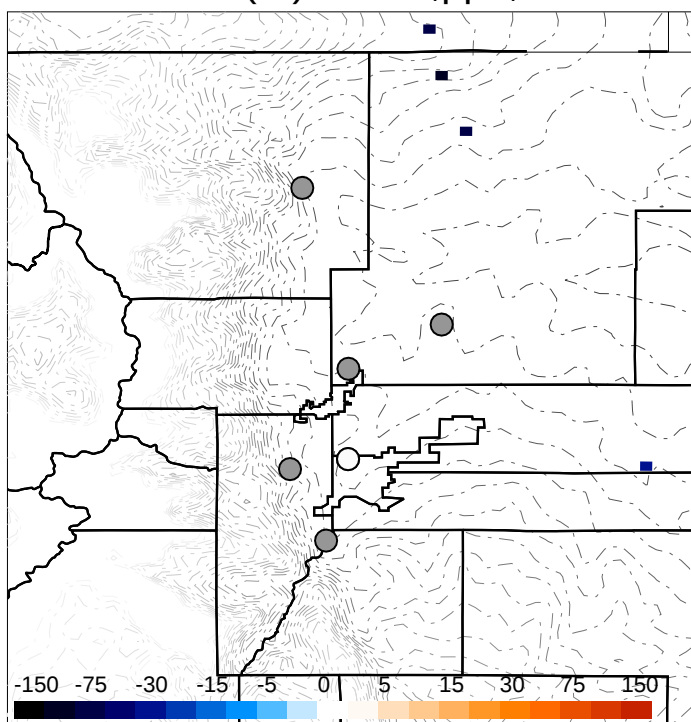
Propane_WAS,pptv > 3 km



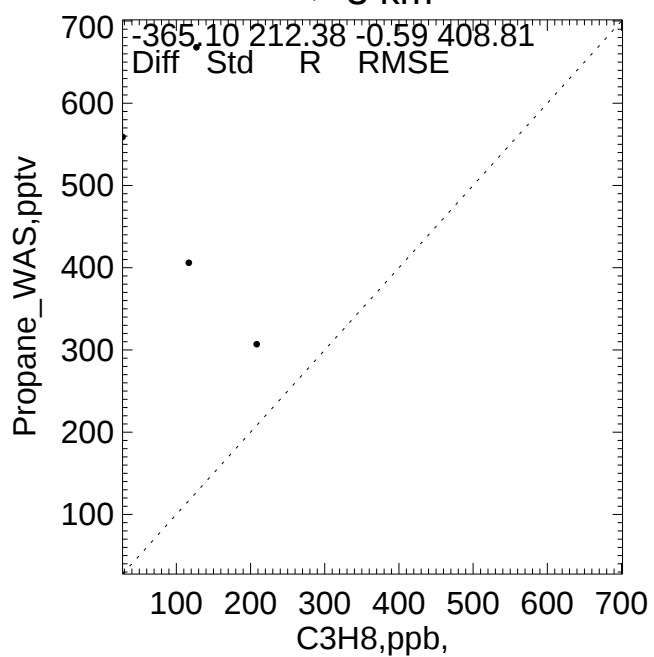
Model C3H8,ppb, > 3 km

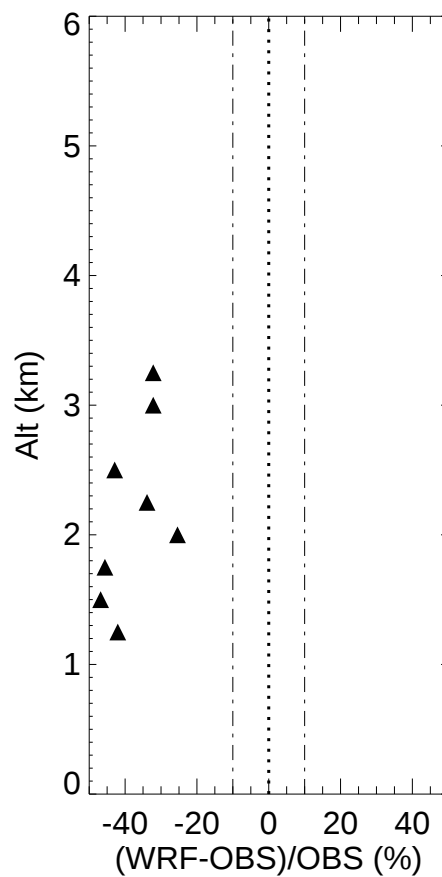
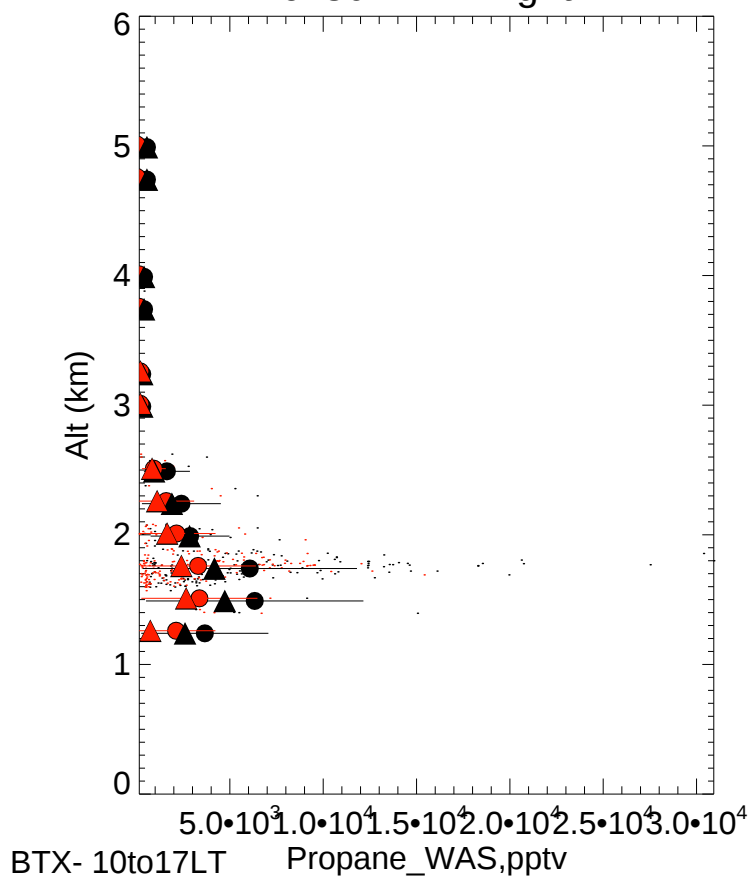
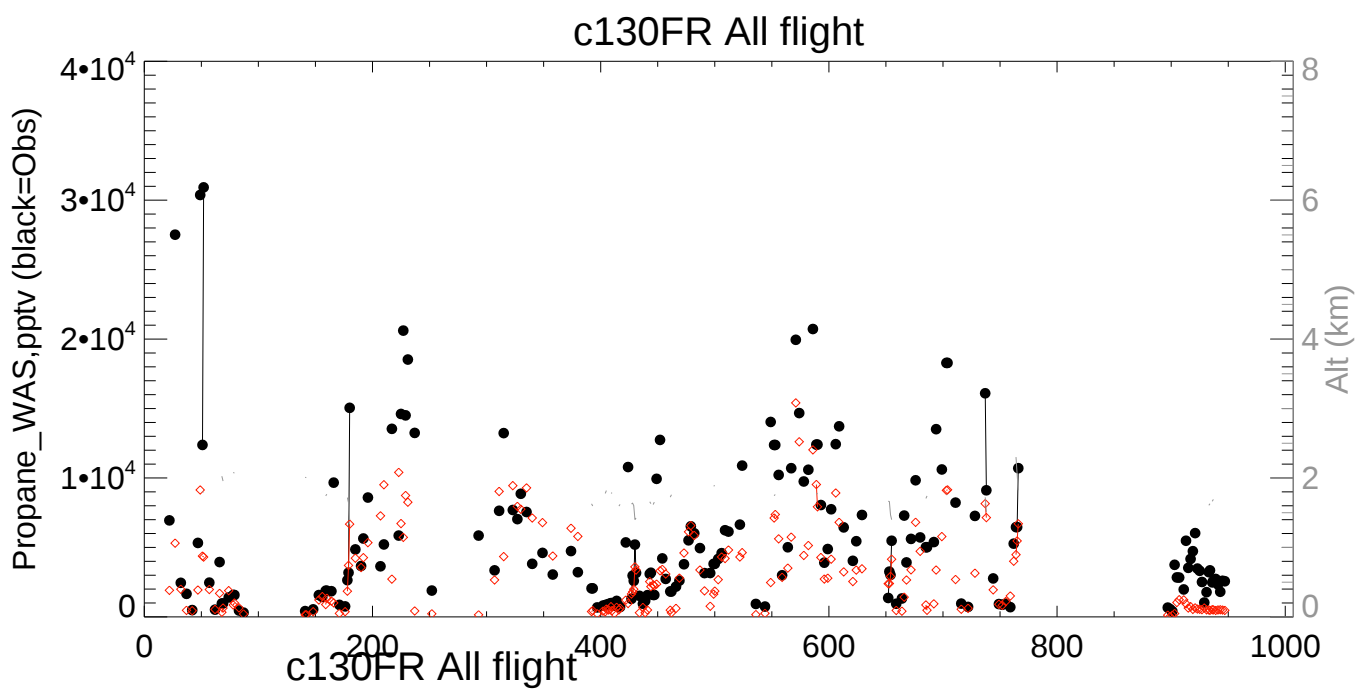


Model-Obs(%) C3H8,ppb, > 3 km

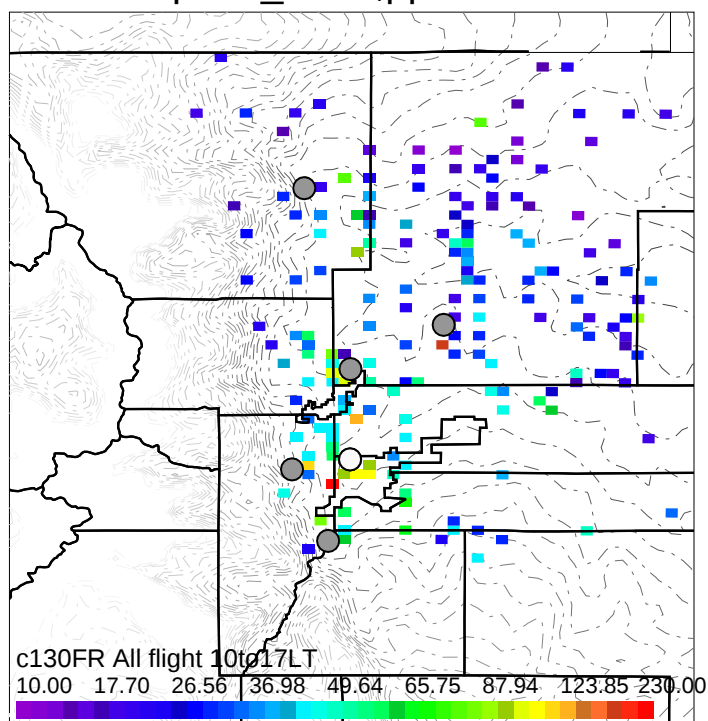


> 3 km

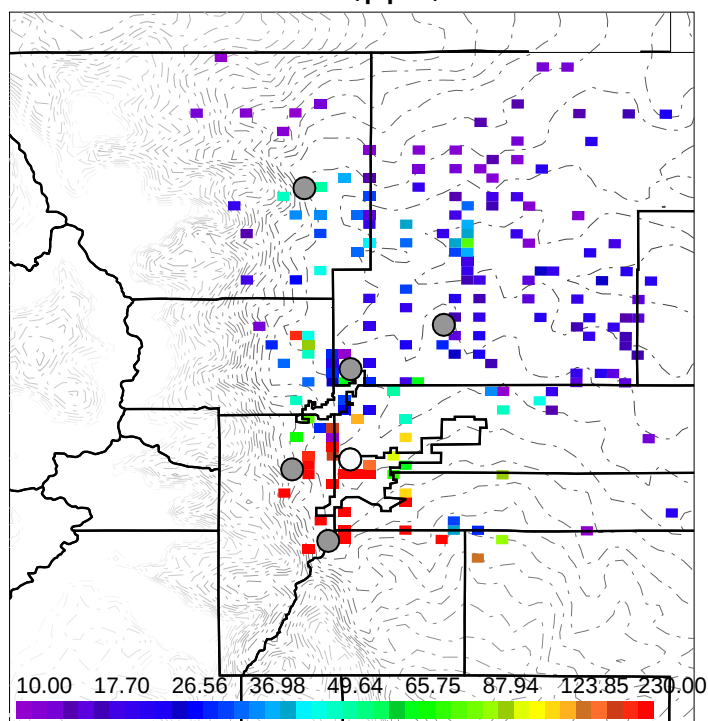




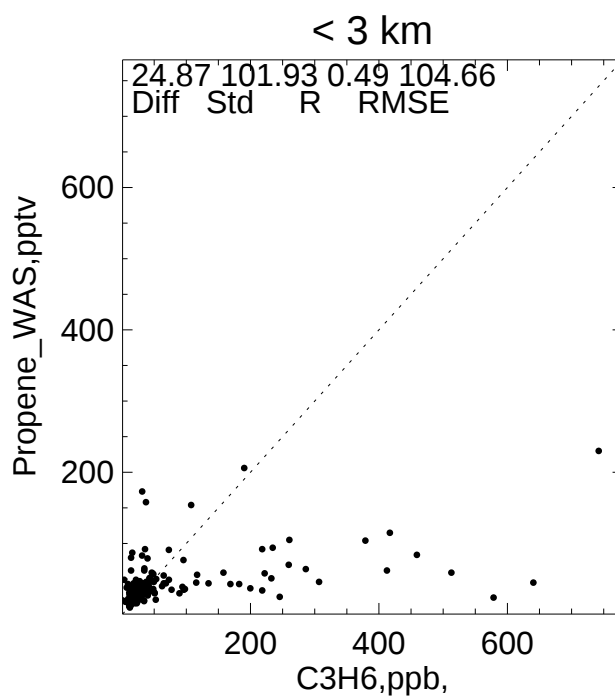
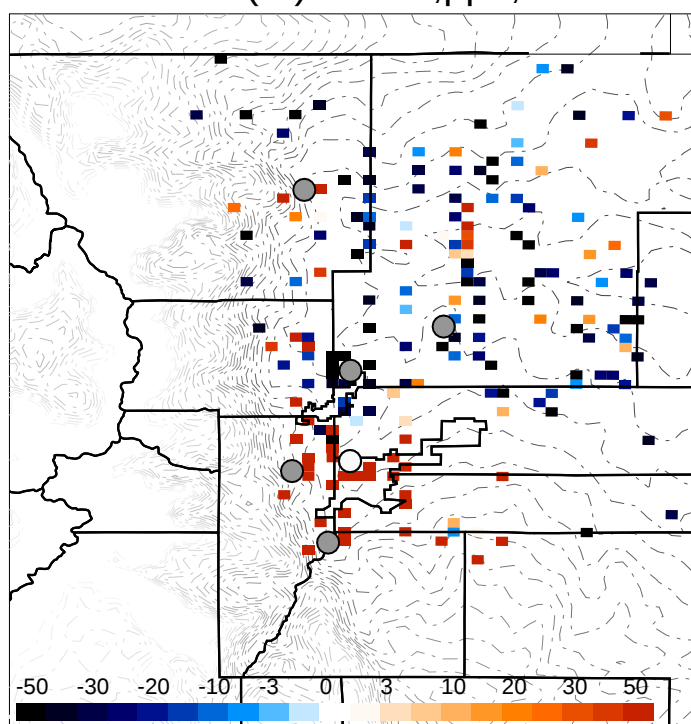
Propene_WAS,pptv < 3 km



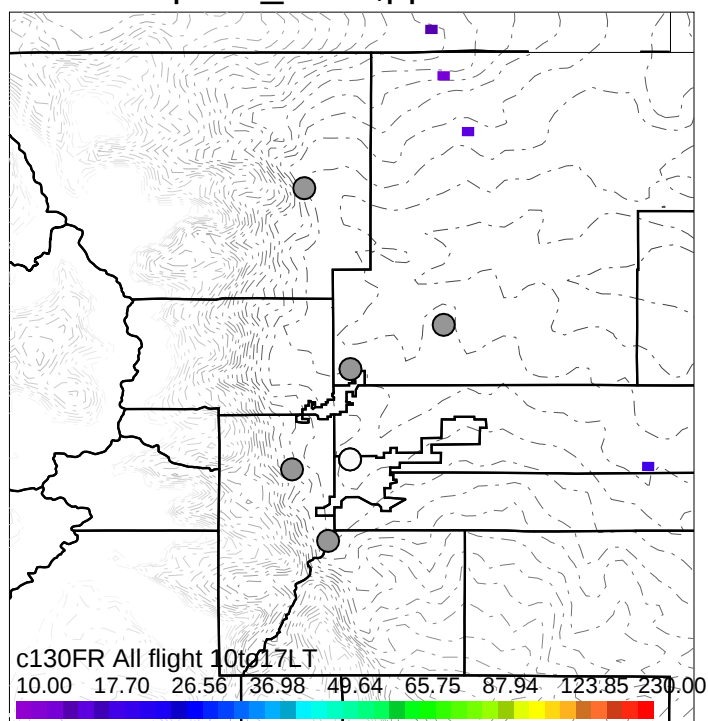
Model C3H6,ppb, < 3 km



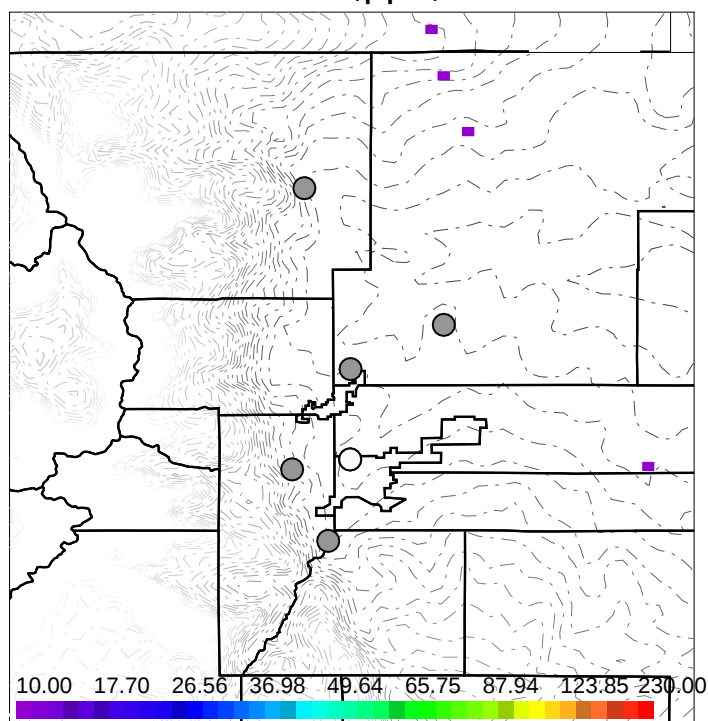
Model-Obs(%) C3H6,ppb, < 3 km



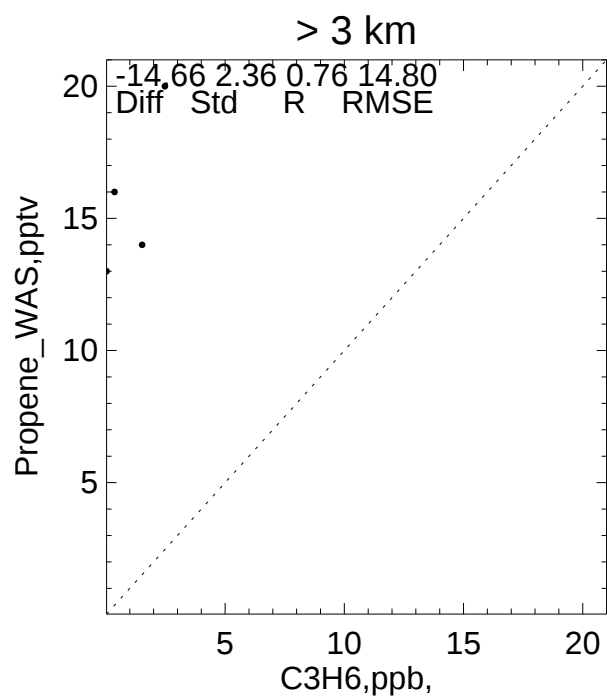
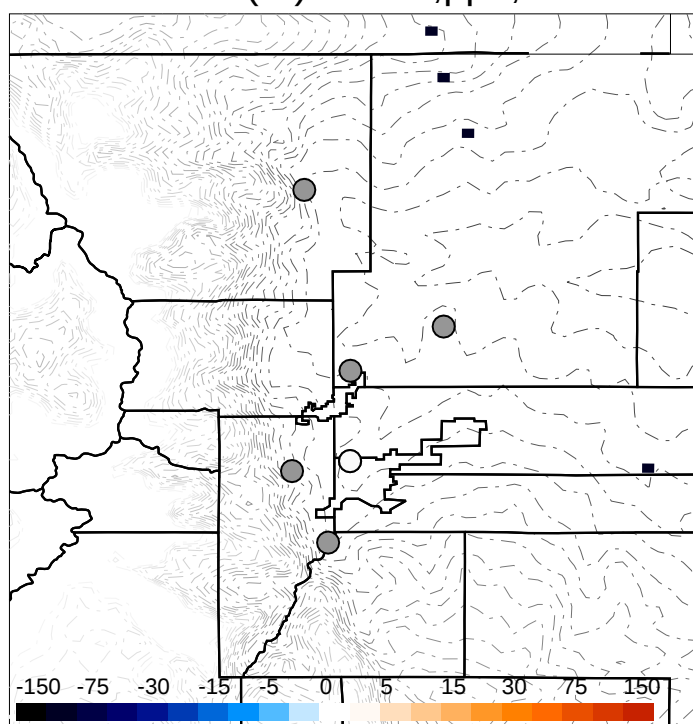
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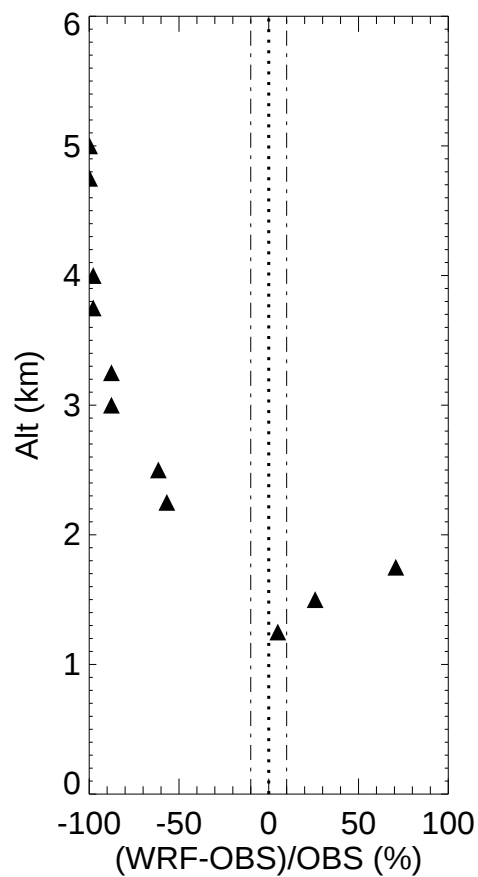
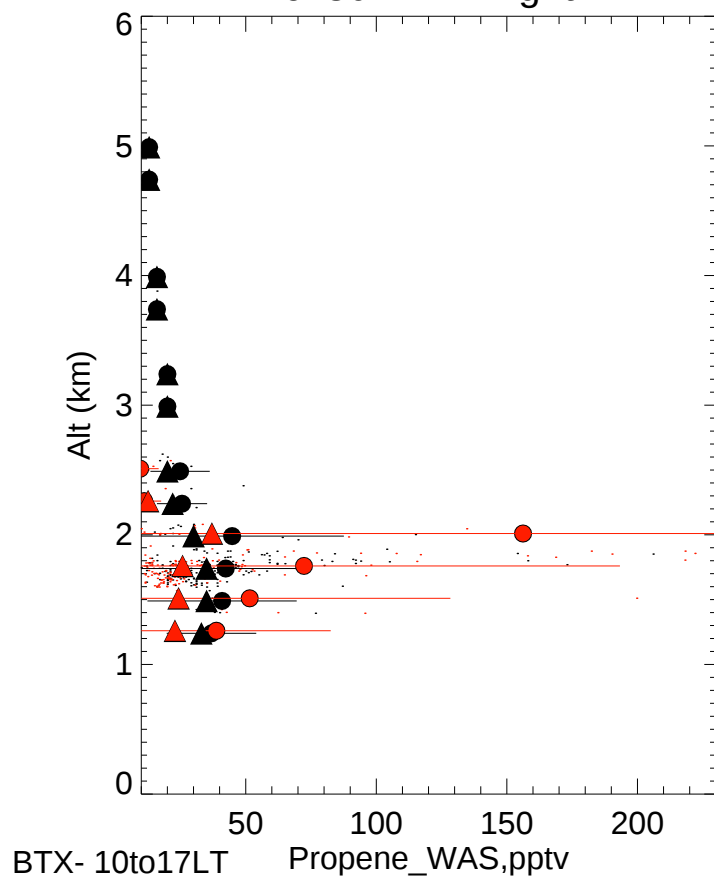
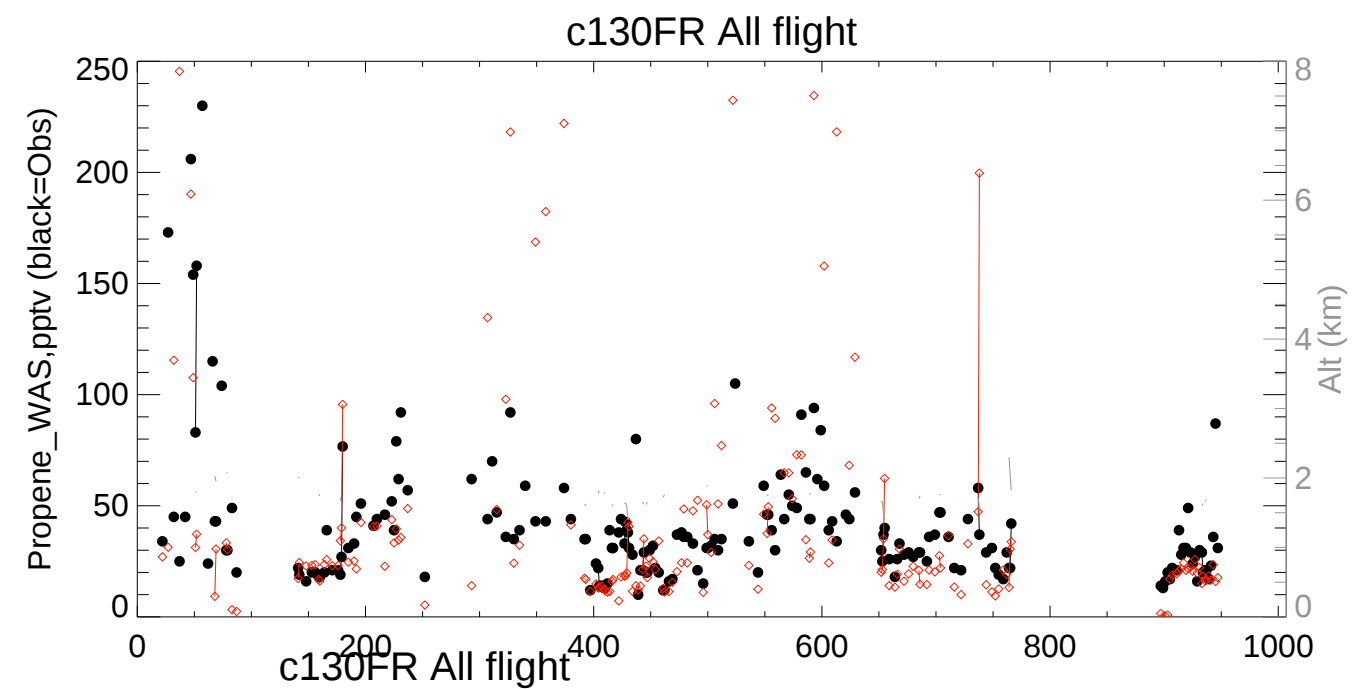


Model C3H6,ppb, > 3 km

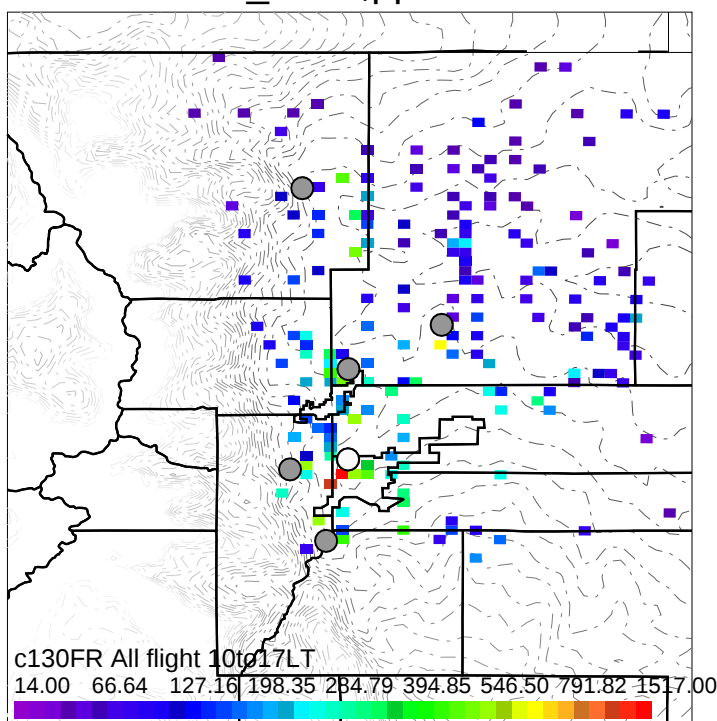


Model-Obs(%) C3H6,ppb, > 3 km

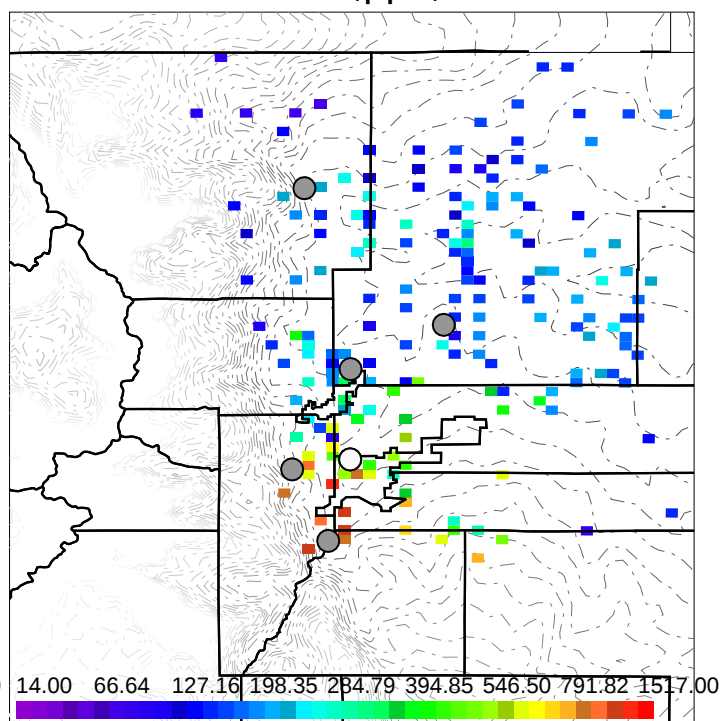




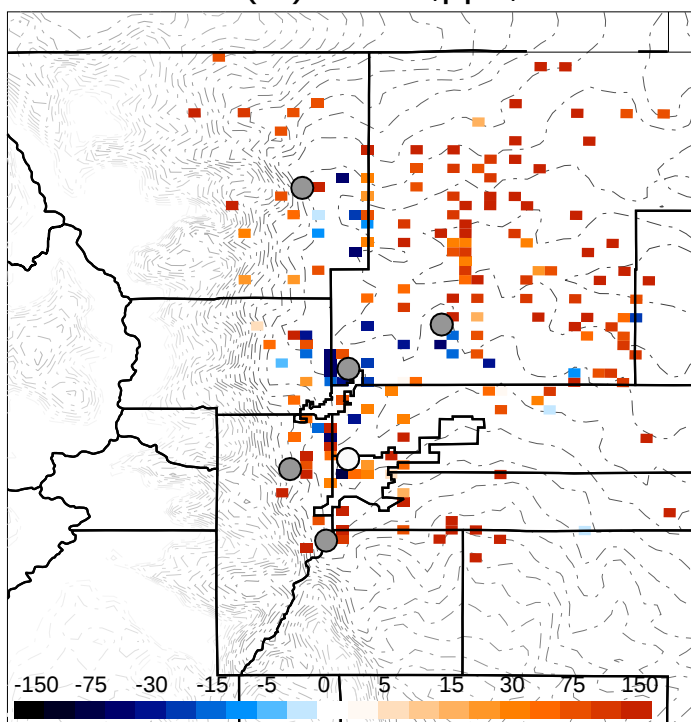
Ethene_WAS, pptv < 3 km



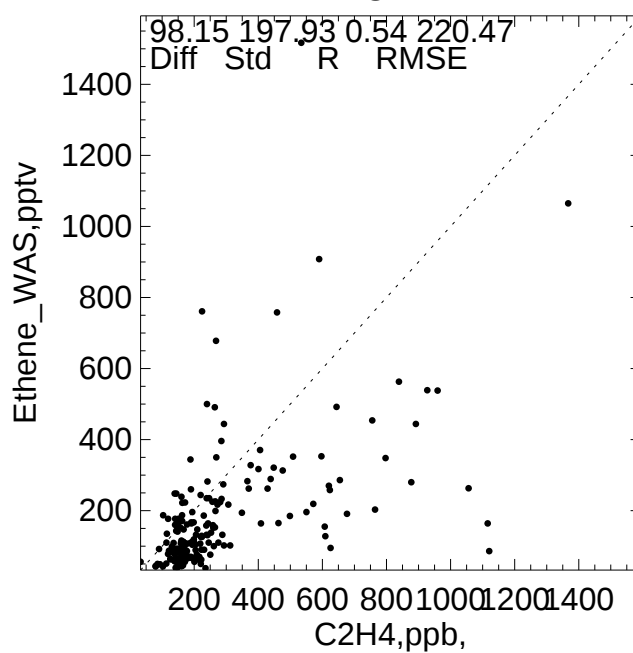
Model C2H4, ppb, < 3 km



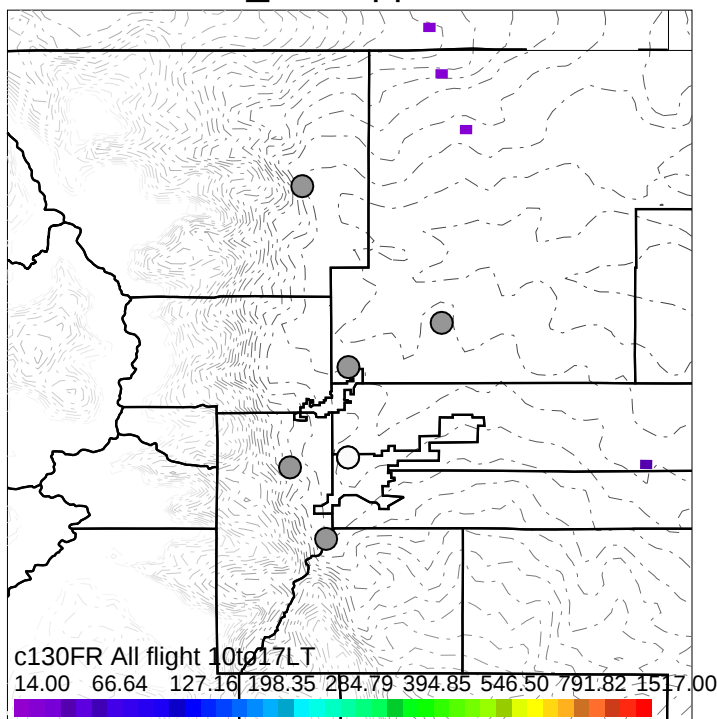
Model-Obs(%) C2H4, ppb, < 3 km



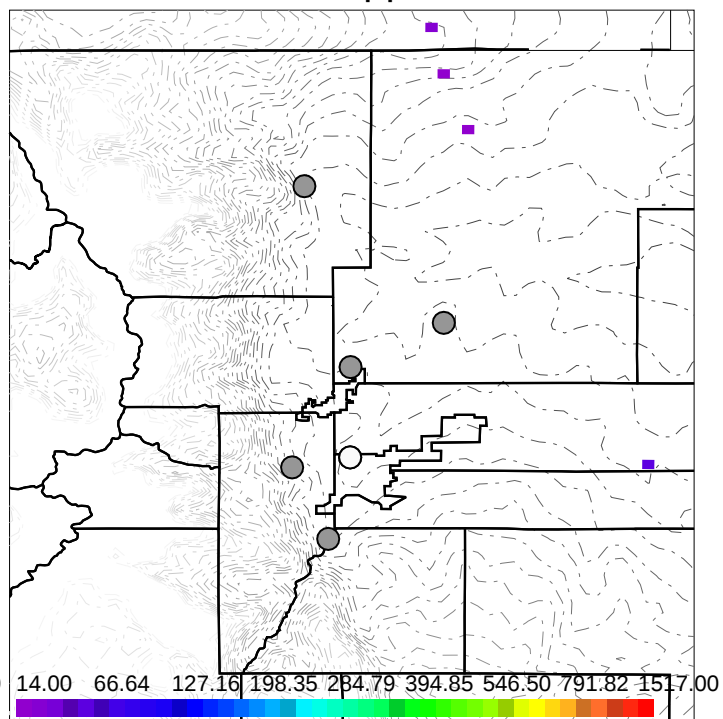
< 3 km



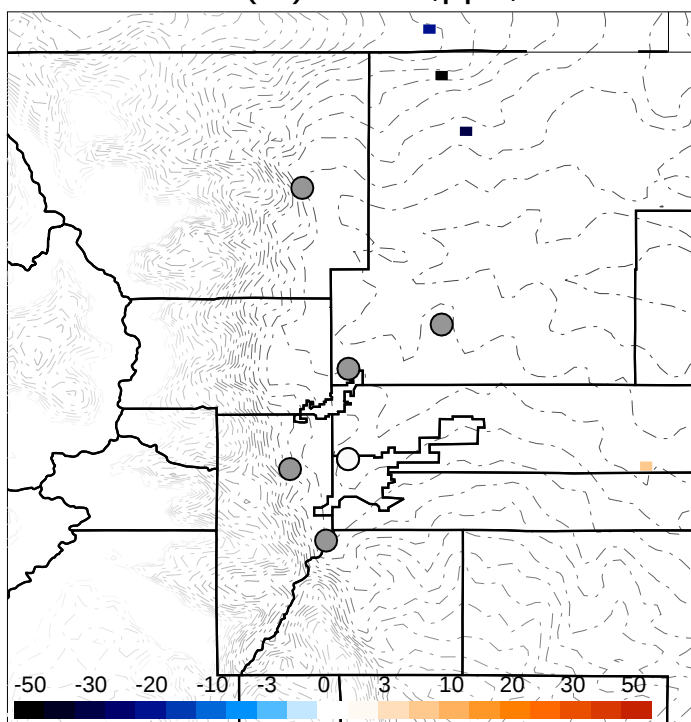
Ethene_WAS,pptv > 3 km



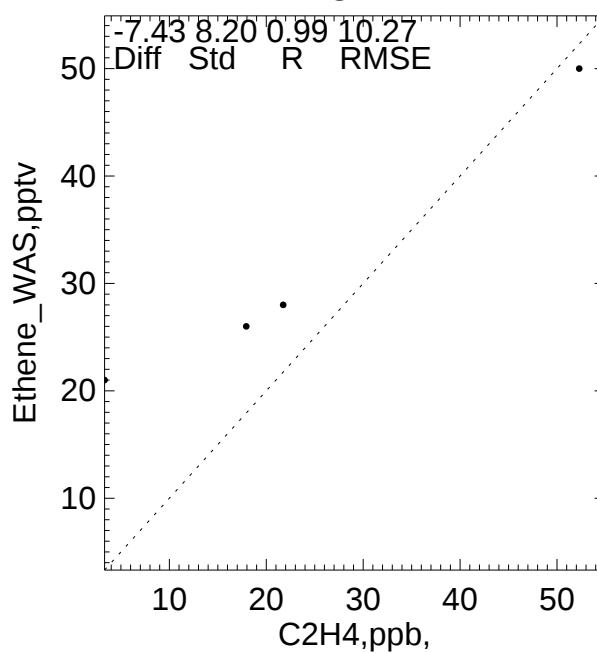
Model C2H4,ppb, > 3 km

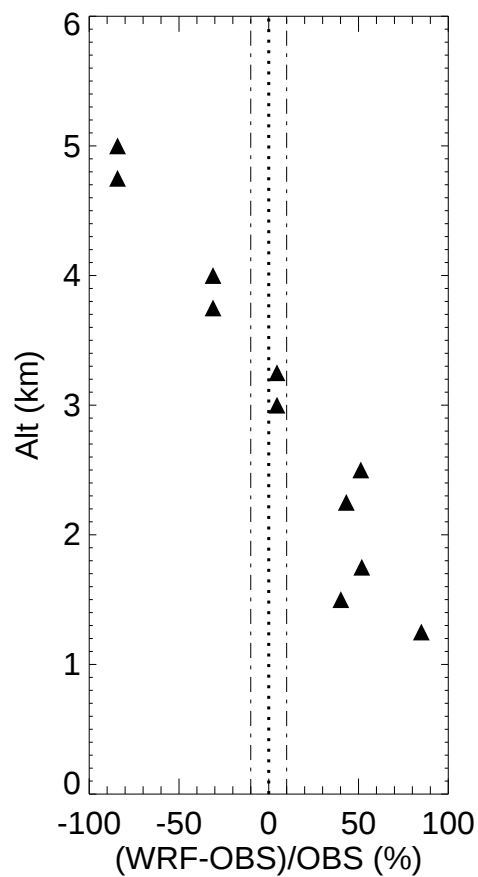
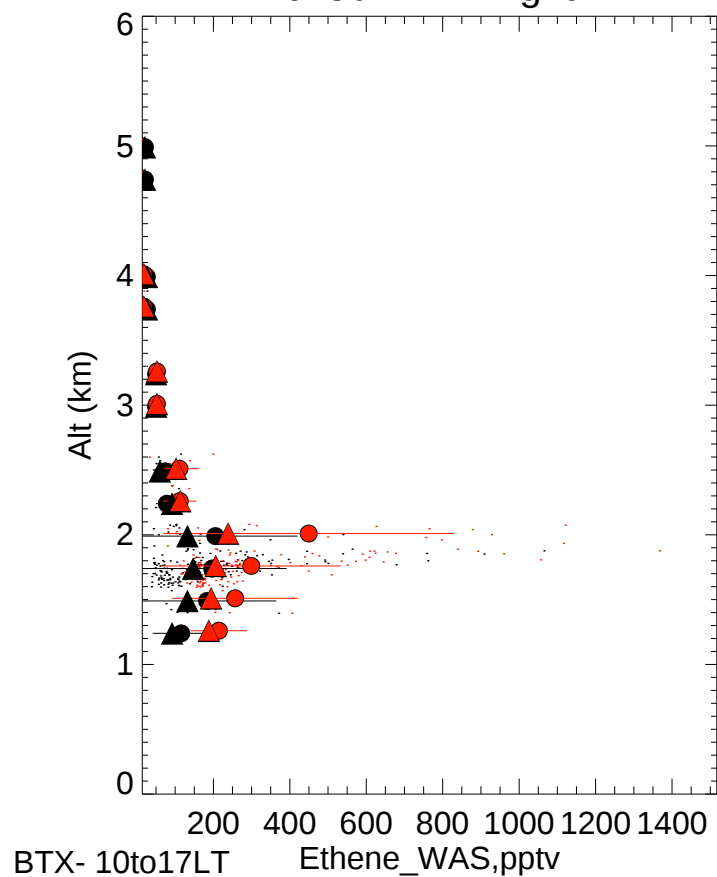
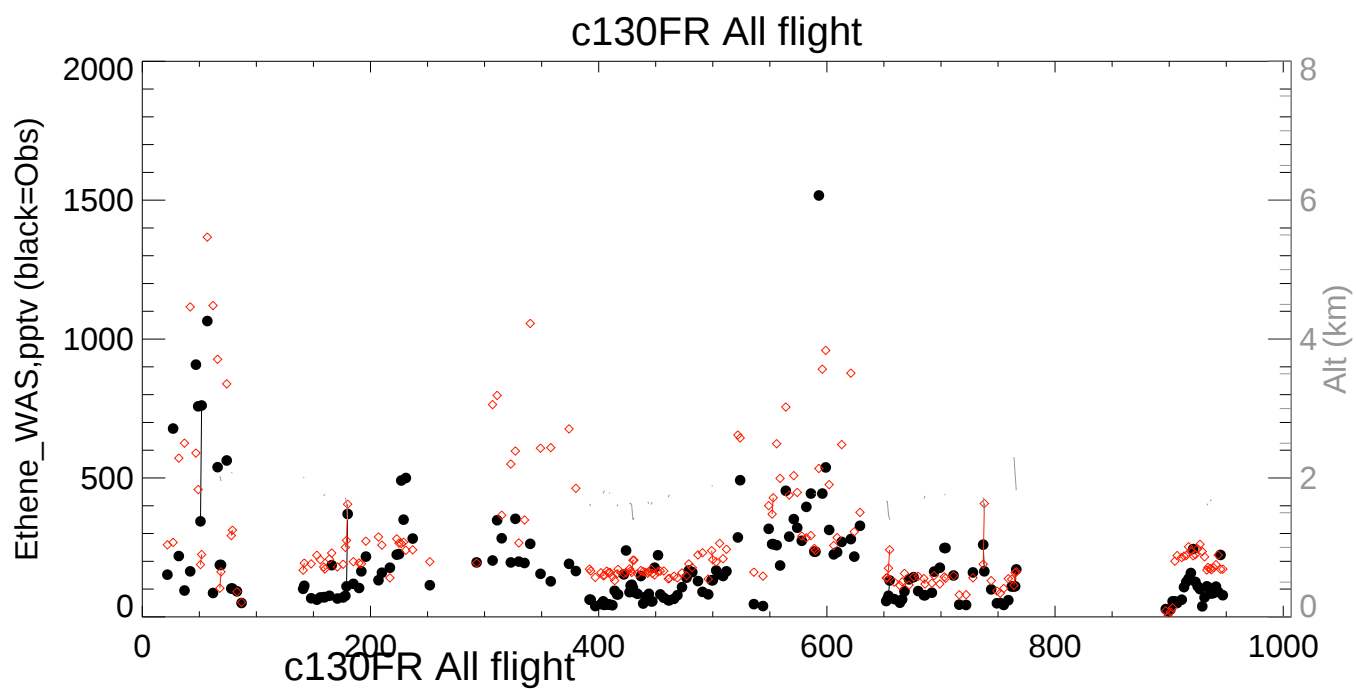


Model-Obs(%) C2H4,ppb, > 3 km

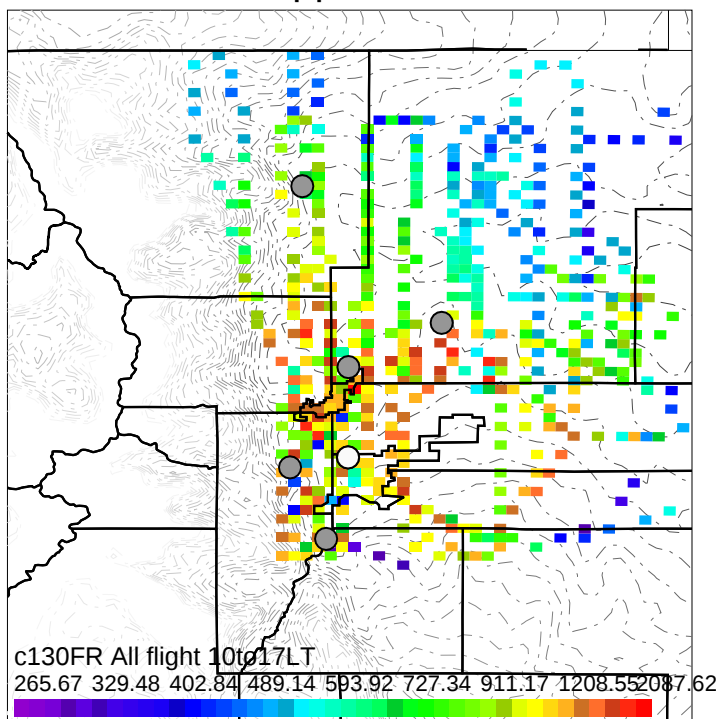


> 3 km

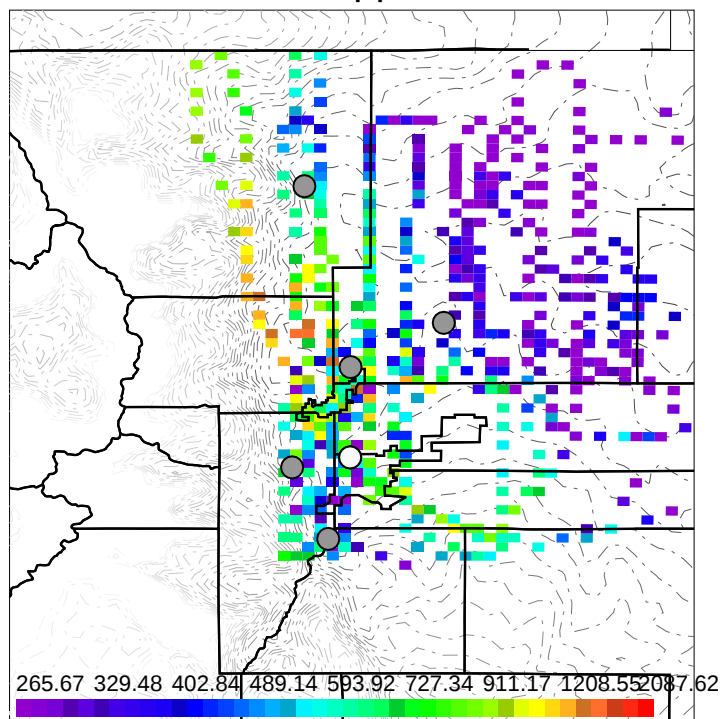




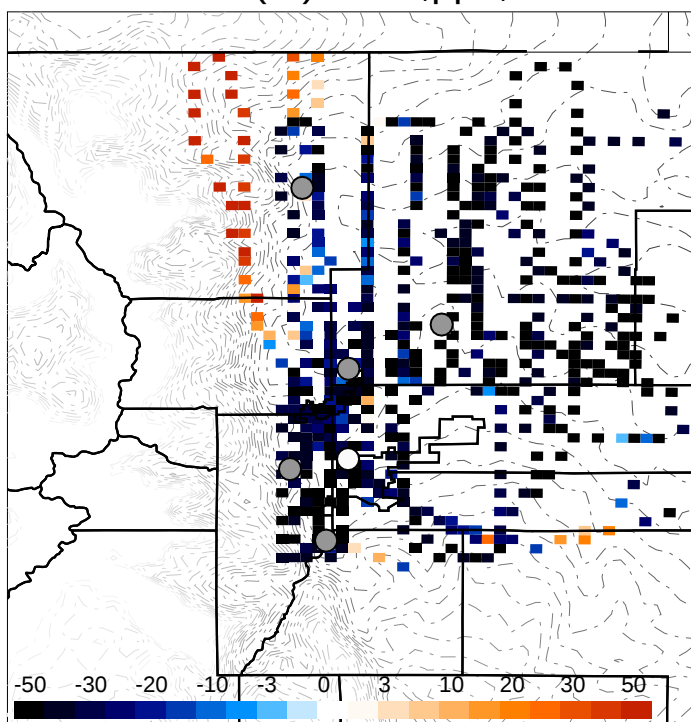
PAN,pptv < 3 km



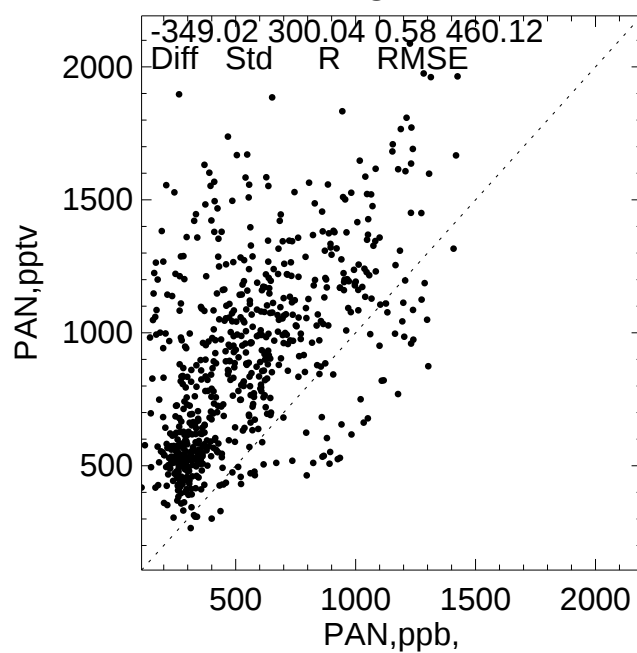
Model PAN,ppb, < 3 km



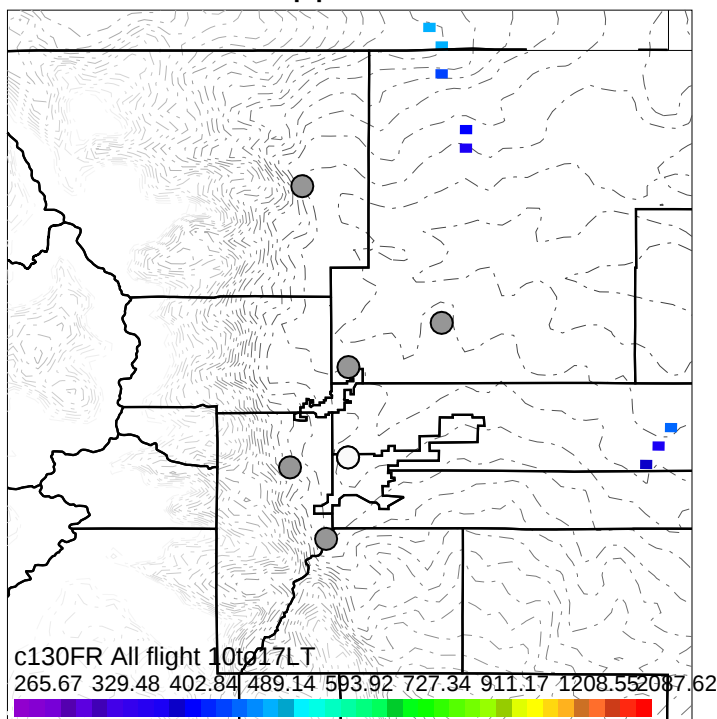
Model-Obs(%) PAN,ppb, < 3 km



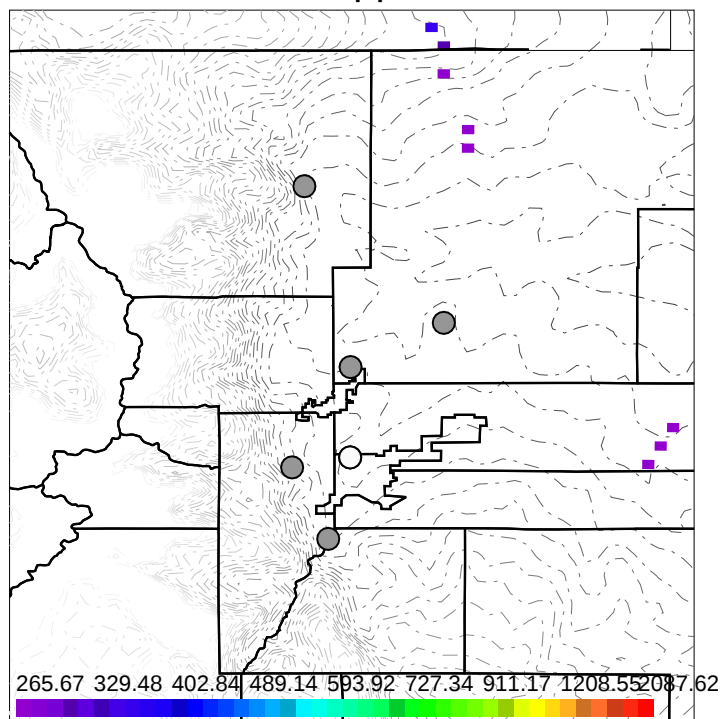
< 3 km



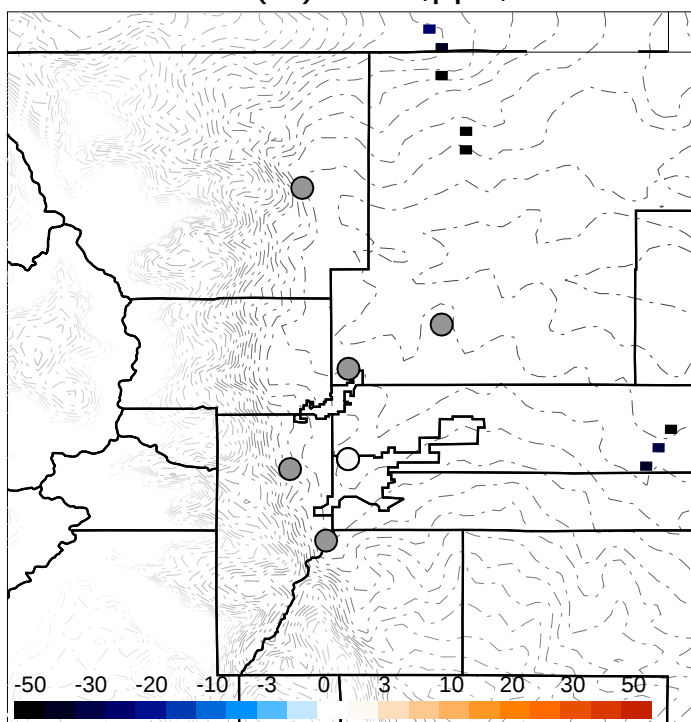
PAN,pptv > 3 km



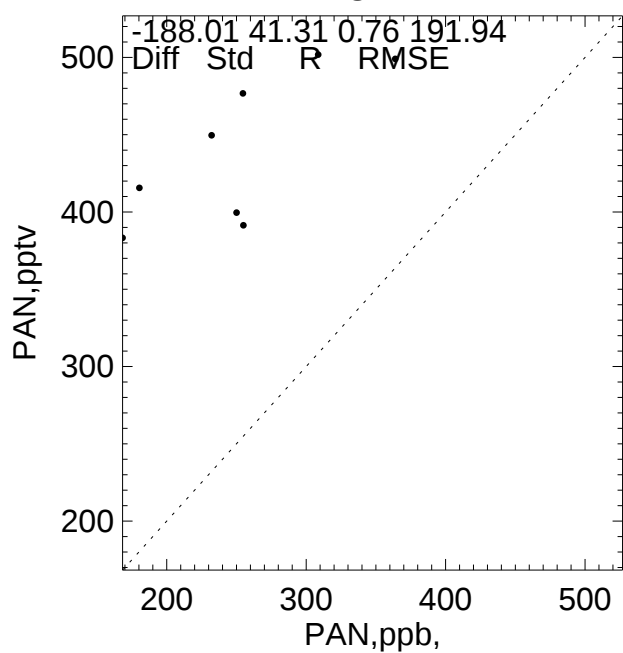
Model PAN,ppb, > 3 km

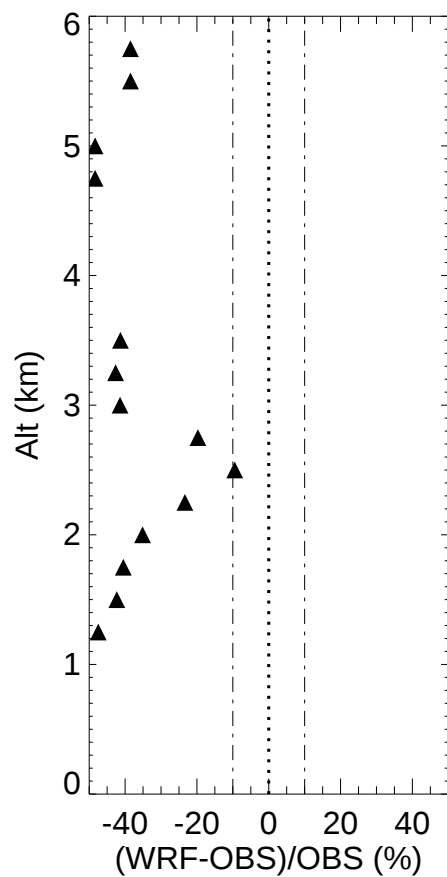
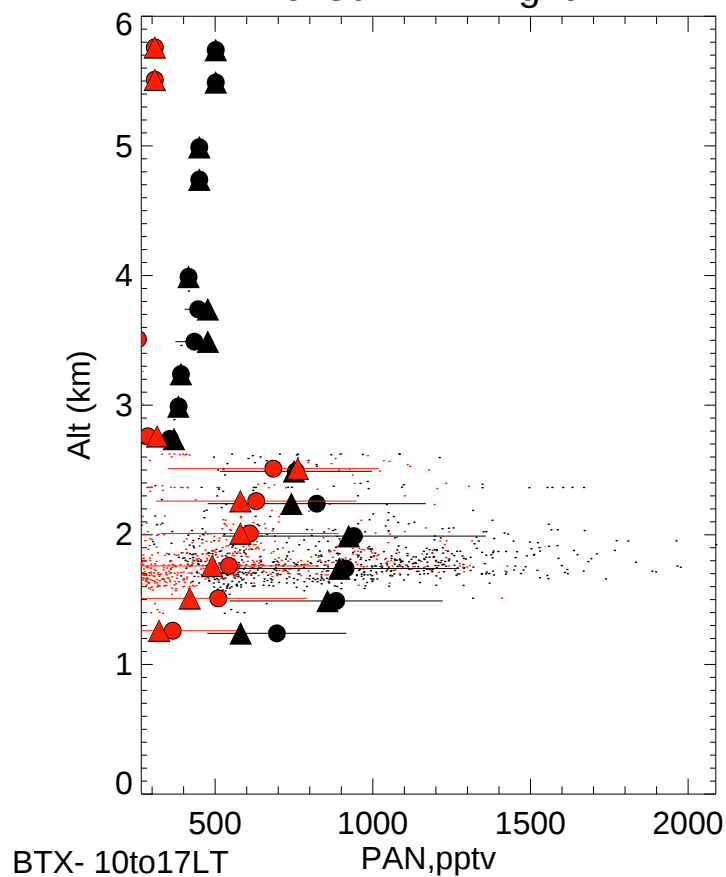
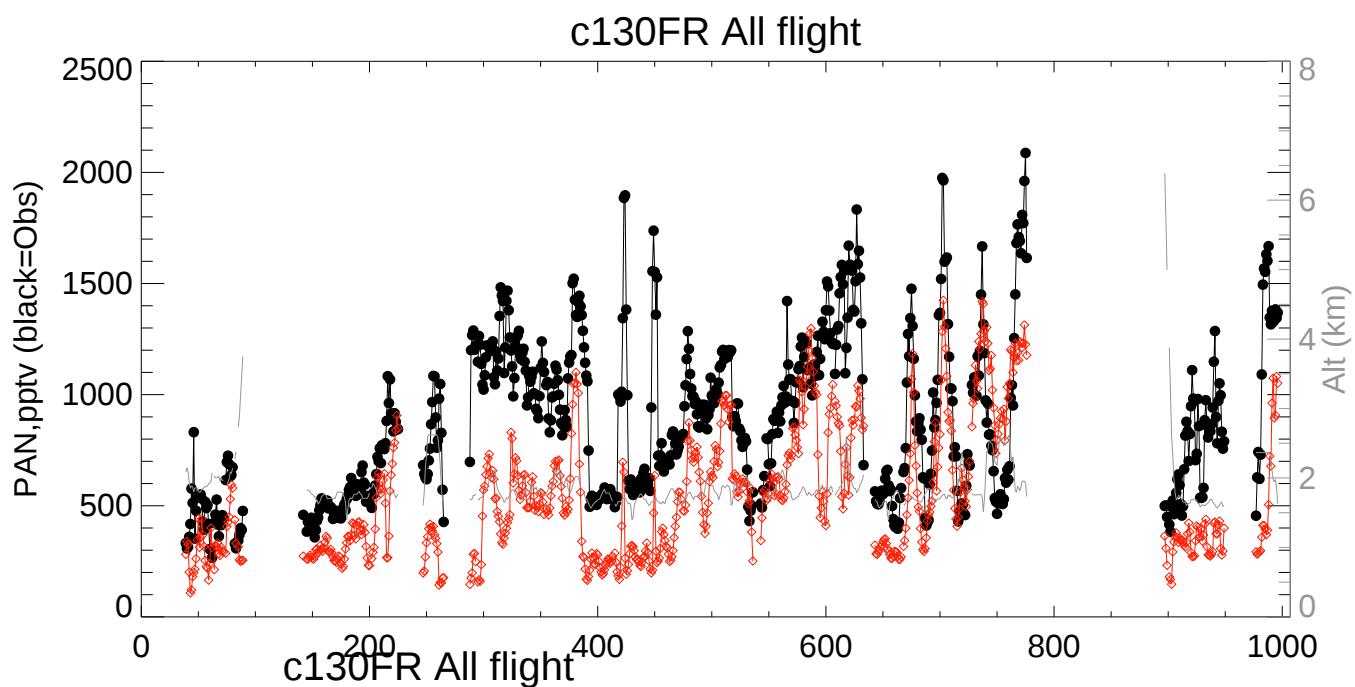


Model-Obs(%) PAN,ppb, > 3 km

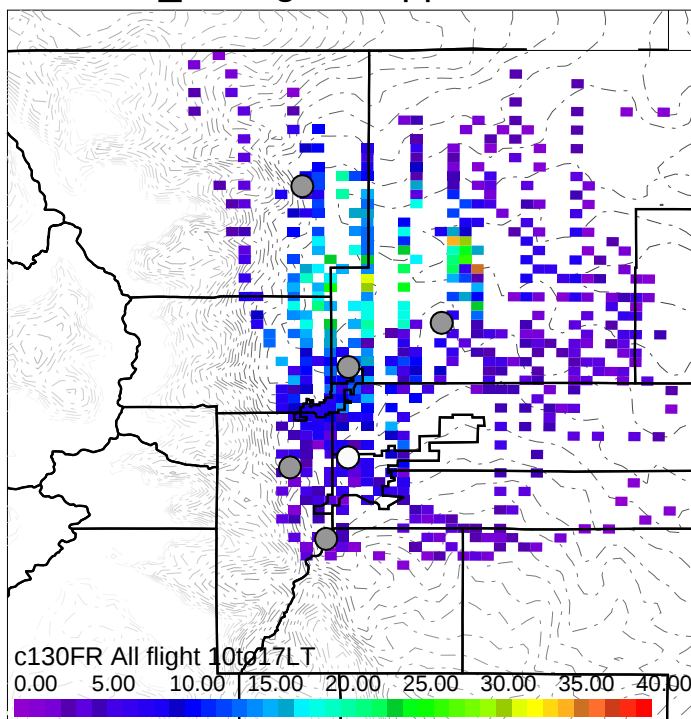


> 3 km

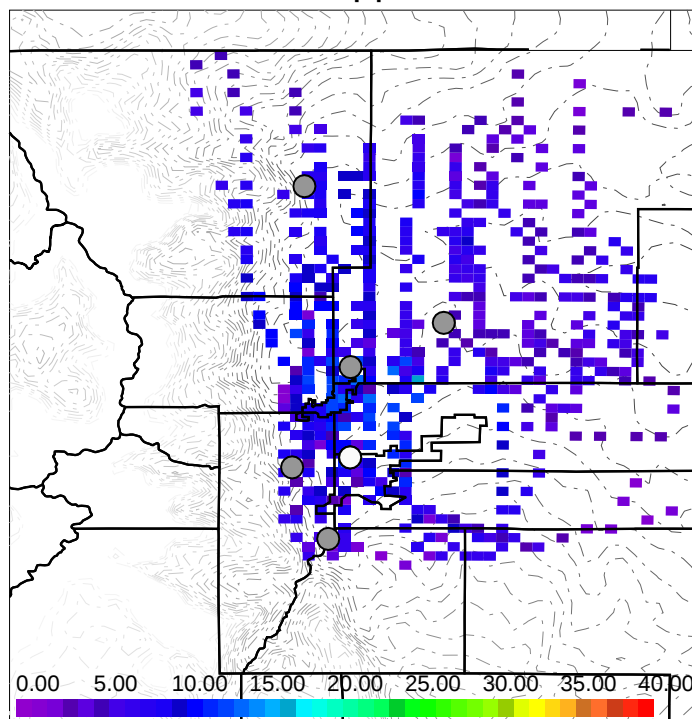




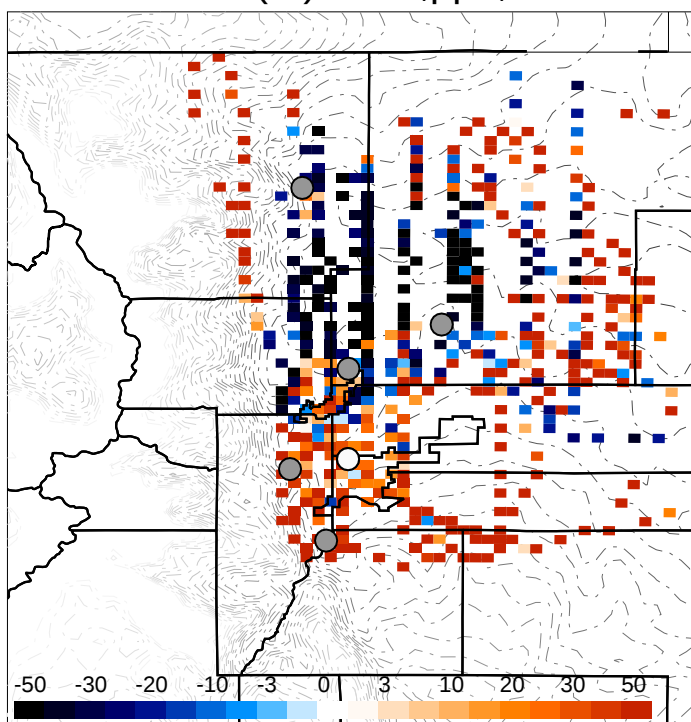
NH3_MixingRatio,ppbv < 3 km



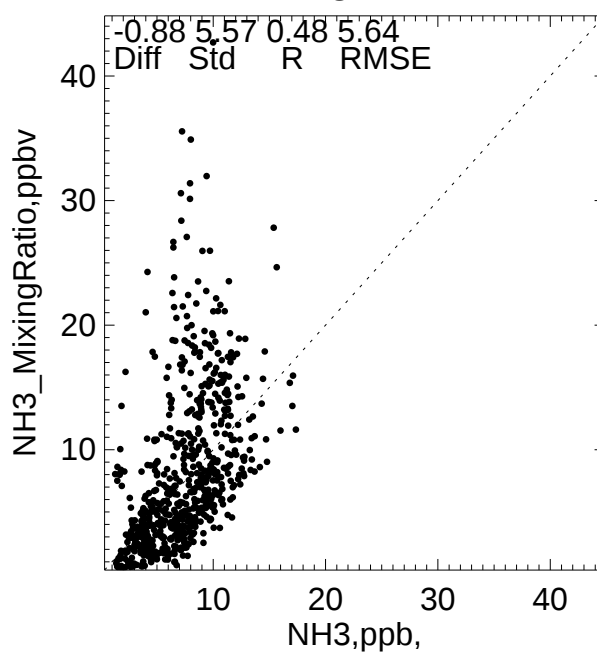
Model NH3,ppb, < 3 km



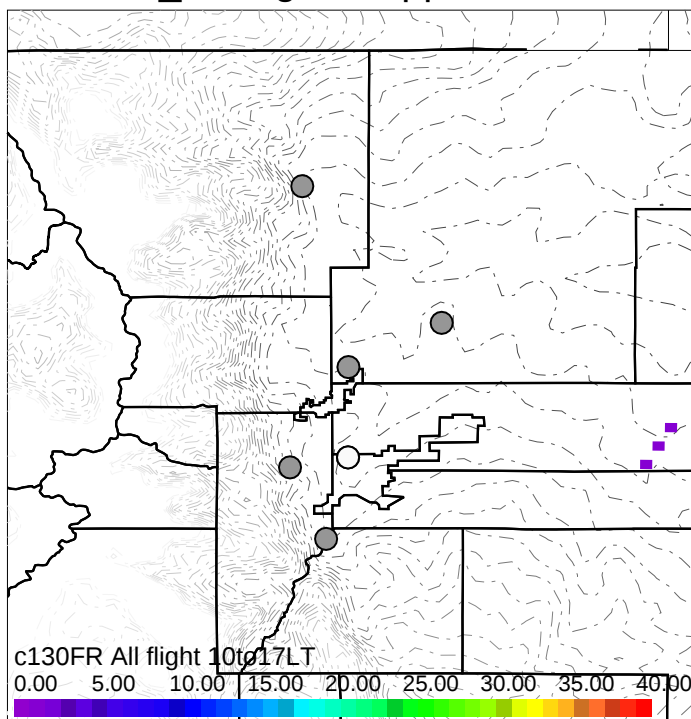
Model-Obs(%) NH3,ppb, < 3 km



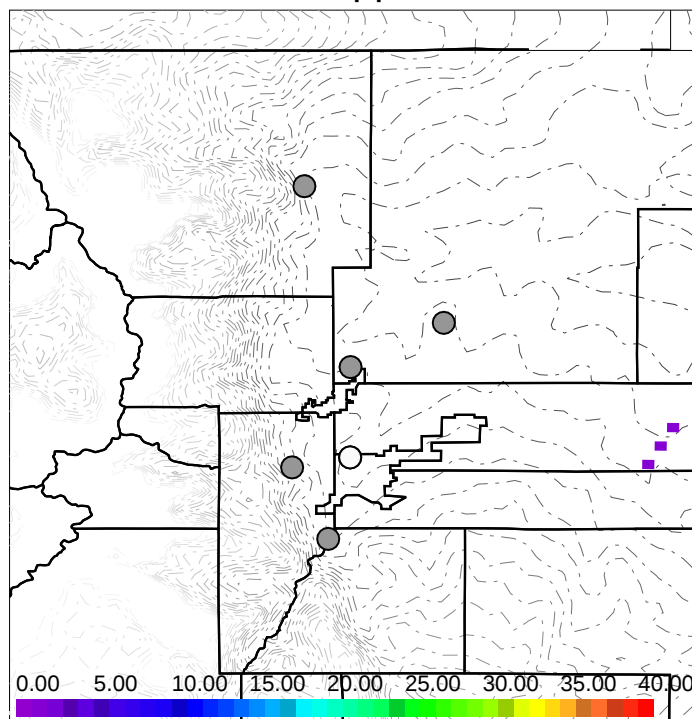
< 3 km



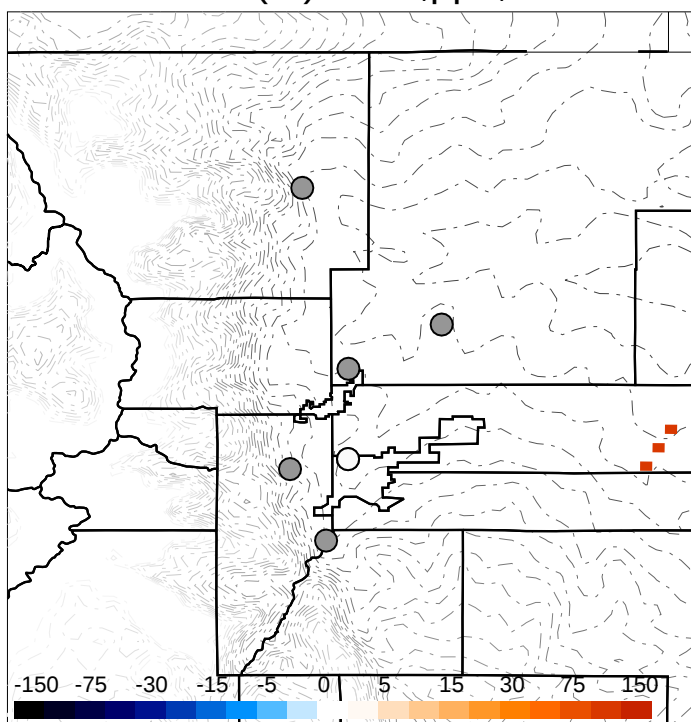
NH3_MixingRatio,ppbv > 3 km



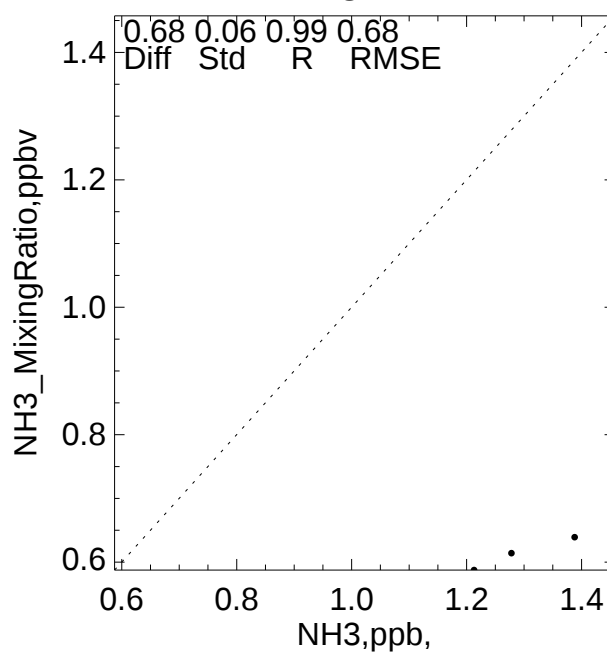
Model NH3,ppb, > 3 km



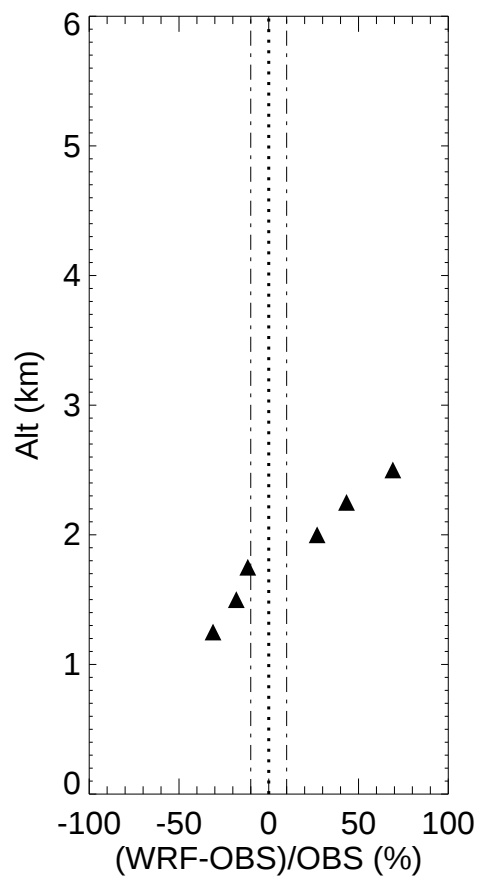
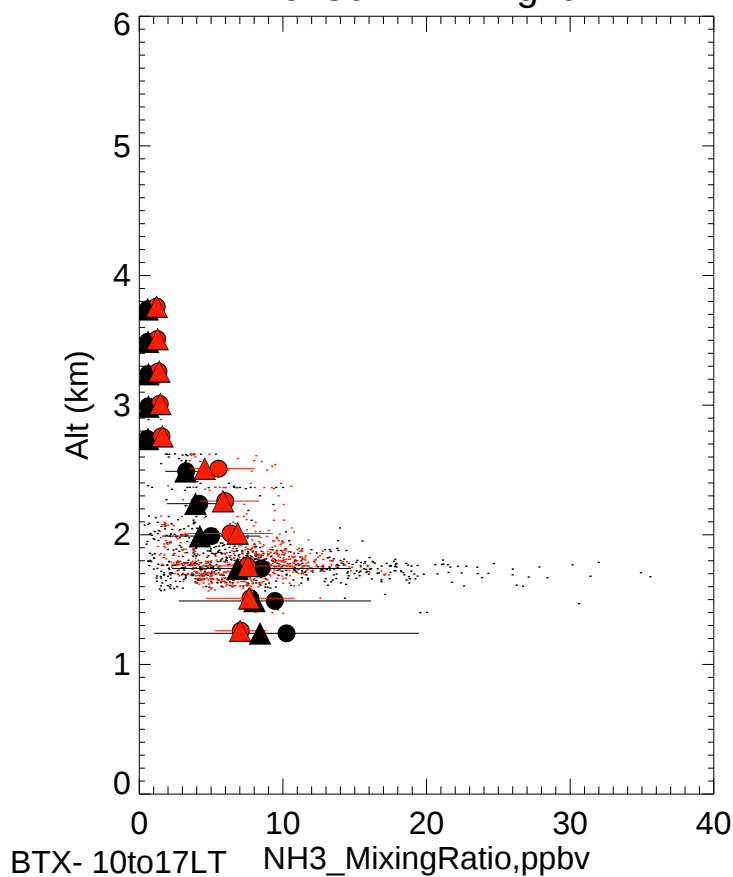
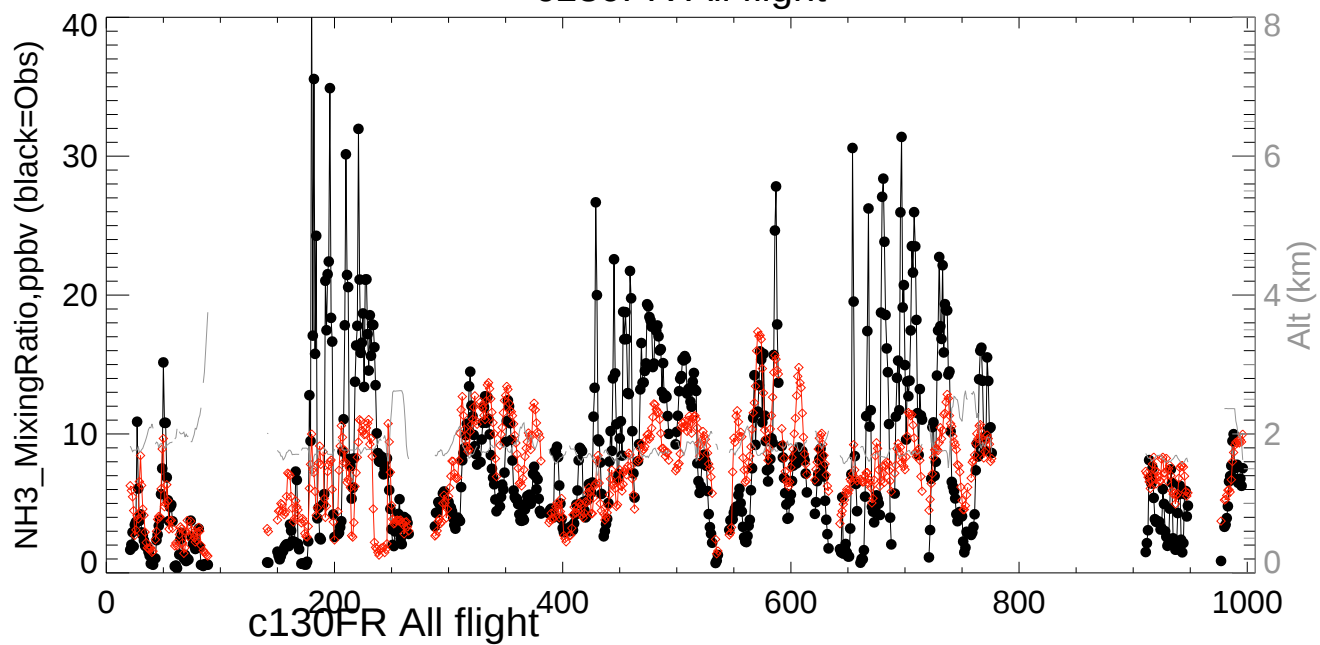
Model-Obs(%) NH3,ppb, > 3 km



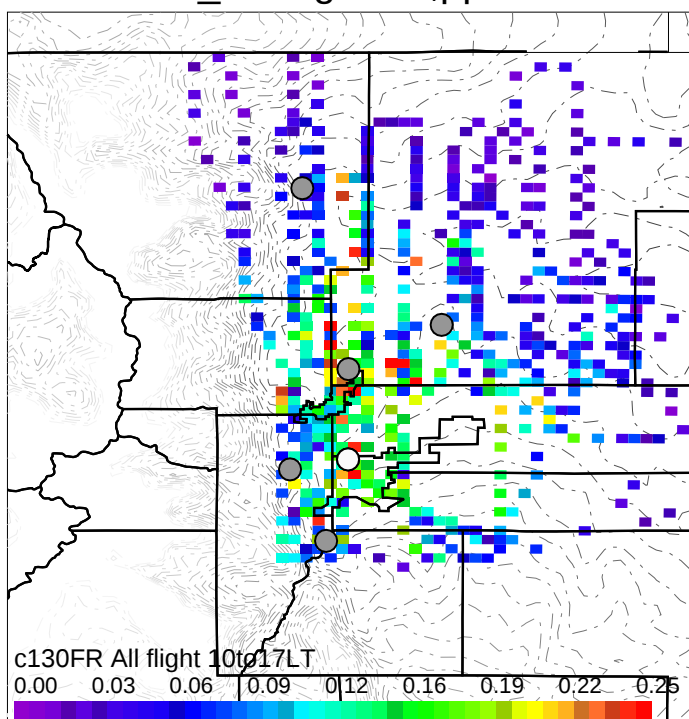
> 3 km



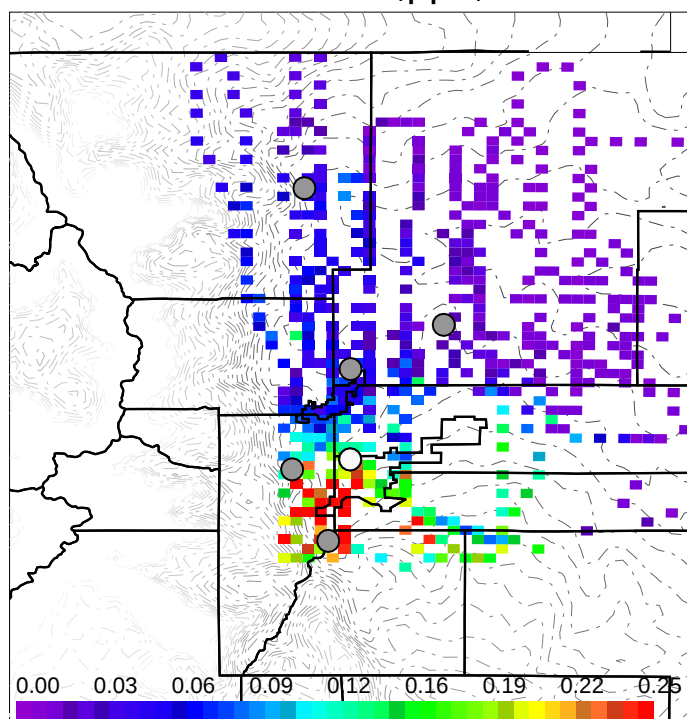
c130FR All flight



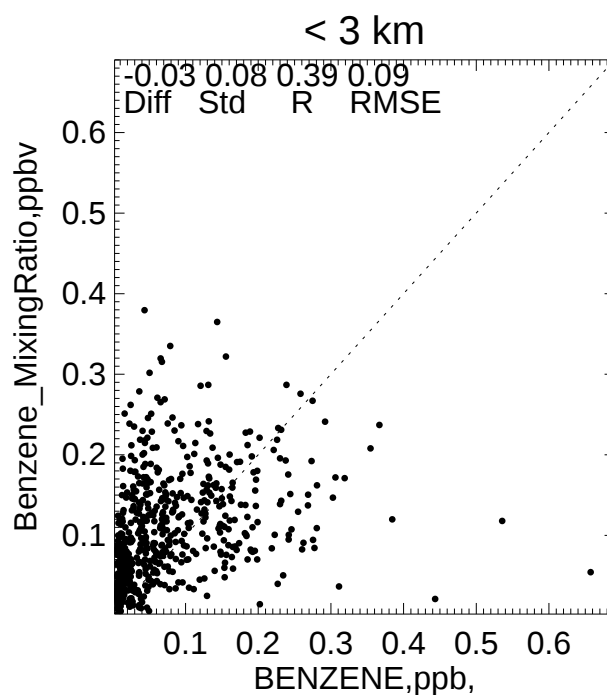
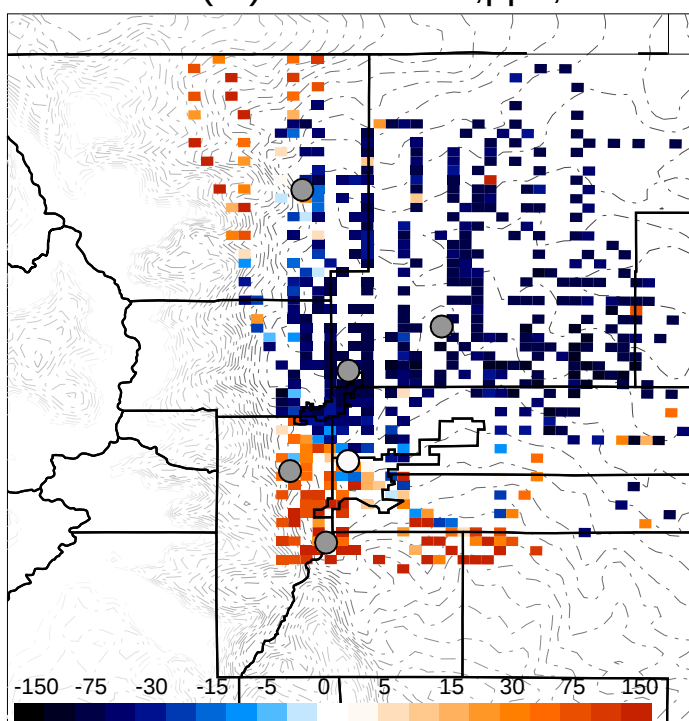
Benzene_MixingRatio,ppbv < 3 km



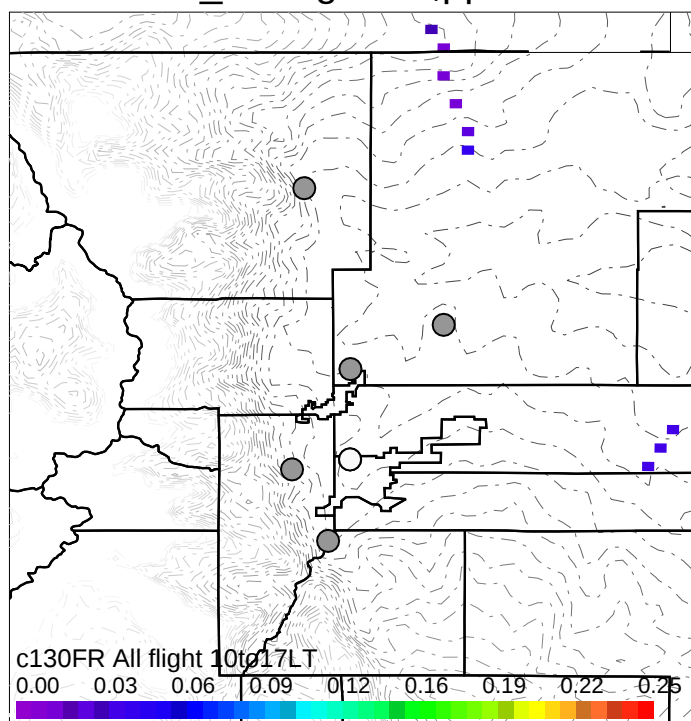
Model BENZENE,ppb, < 3 km



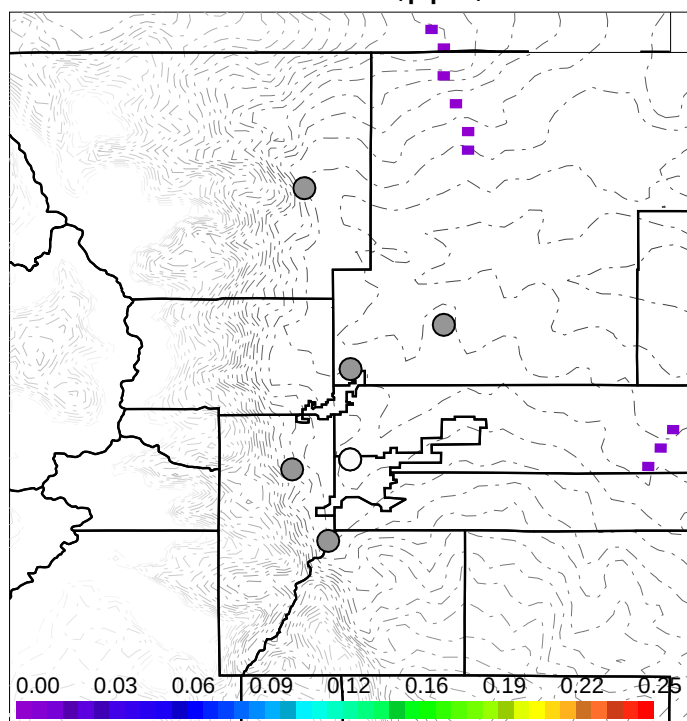
Model-Obs(%) BENZENE,ppb, < 3 km



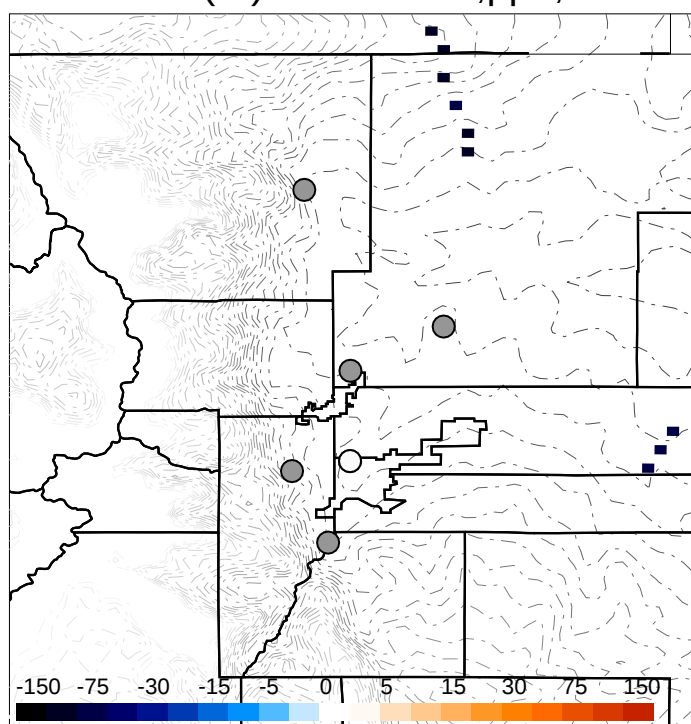
Benzene_MixingRatio,ppbv > 3 km



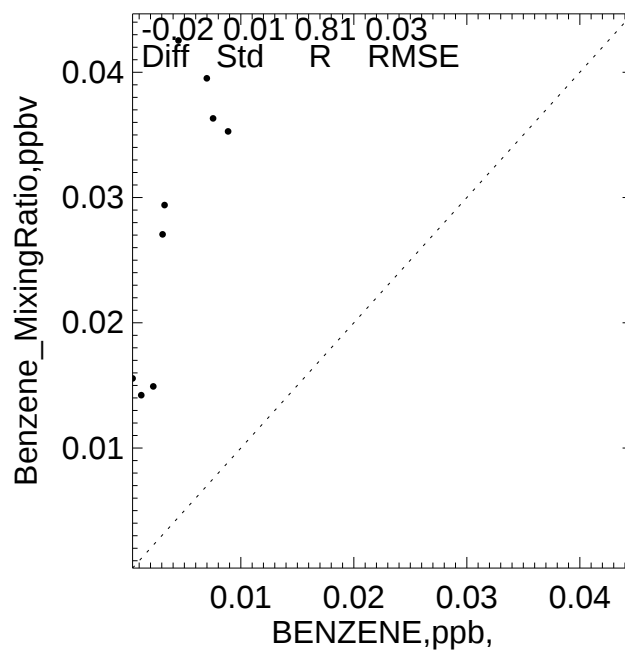
Model BENZENE,ppb, > 3 km

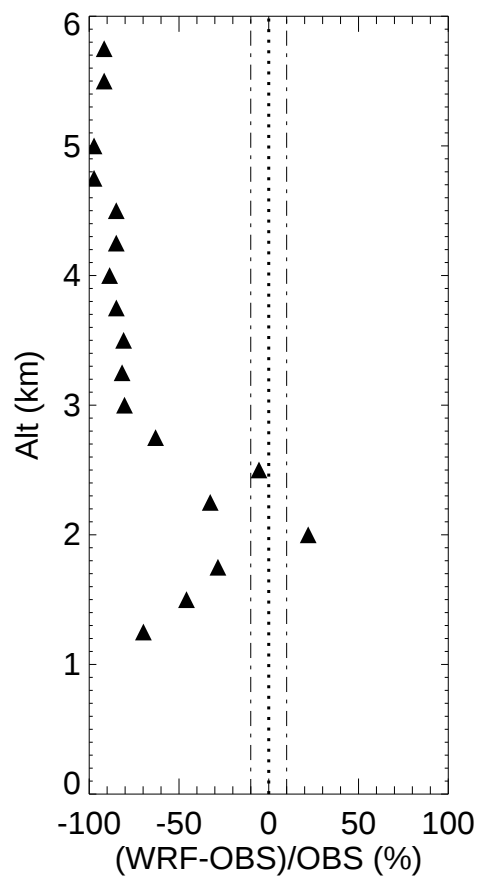
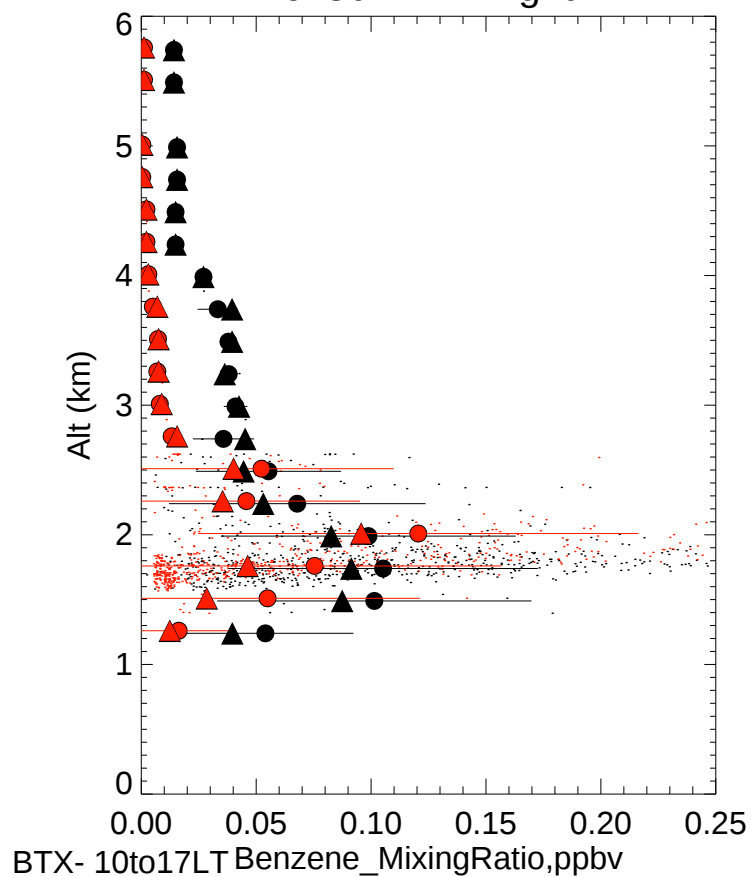
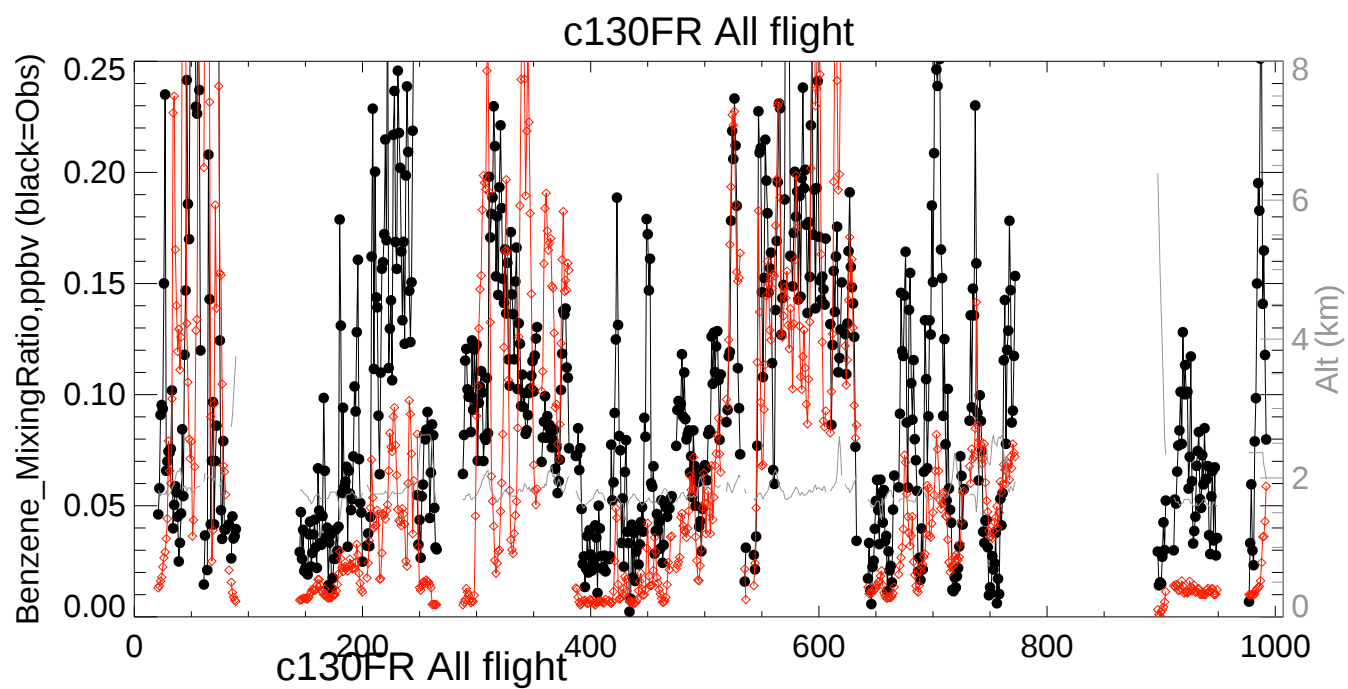


Model-Obs(%) BENZENE,ppb, > 3 km

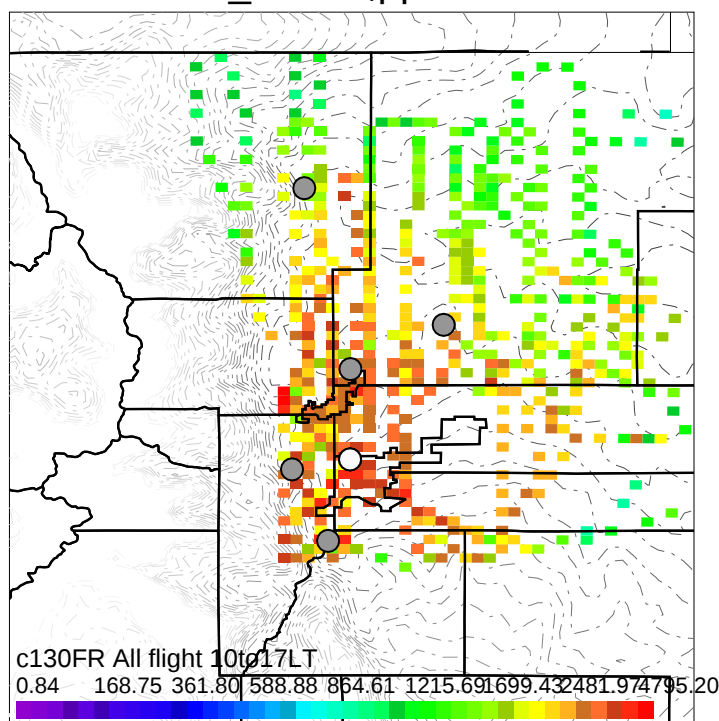


> 3 km

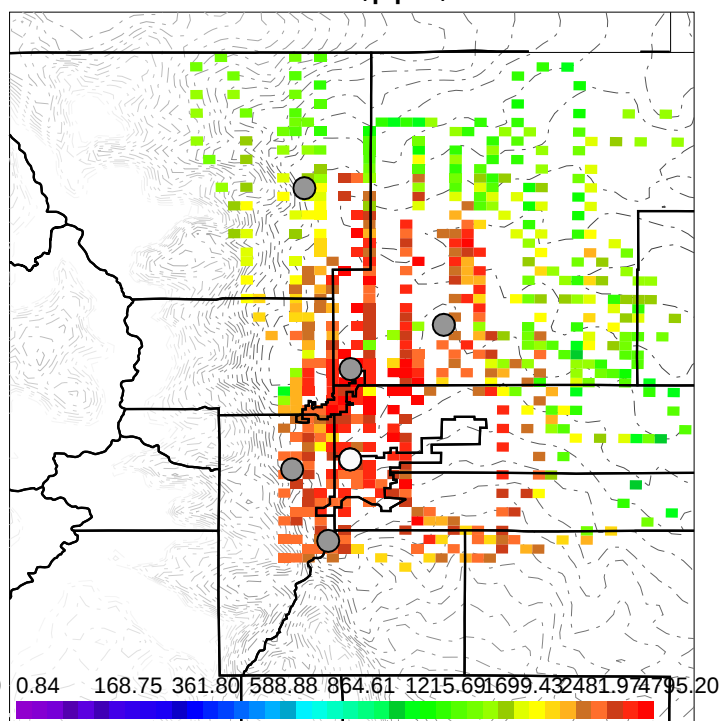




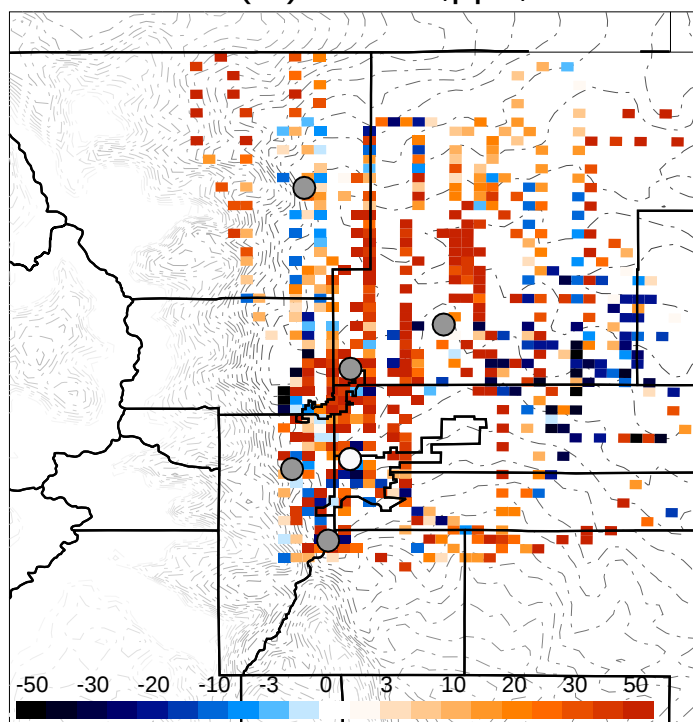
CH2O_CAMS,pptv < 3 km



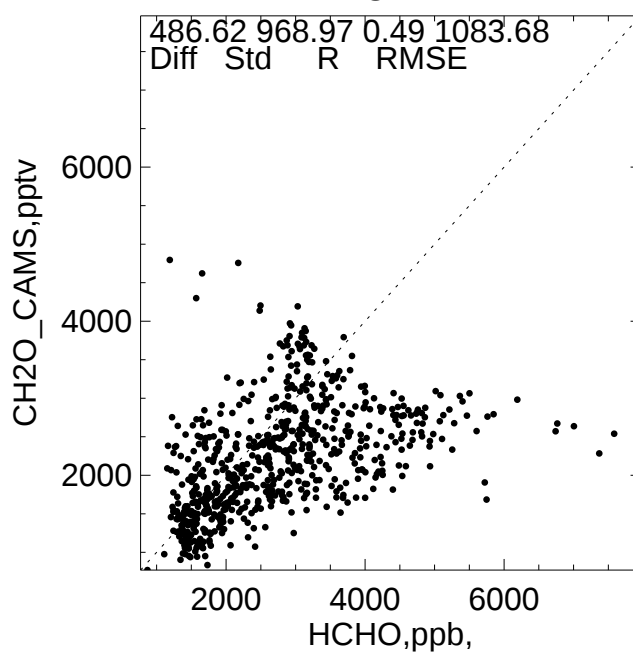
Model HCHO,ppb, < 3 km



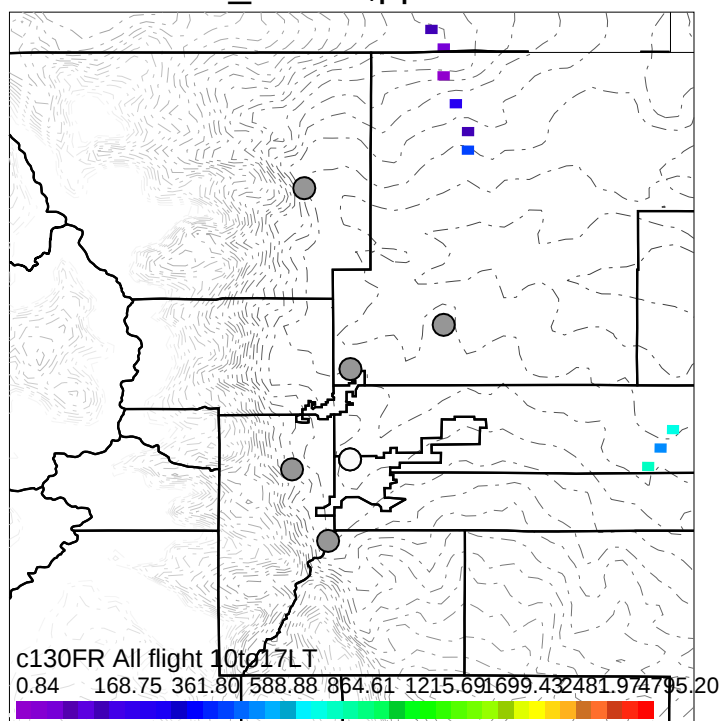
Model-Obs(%) HCHO,ppb, < 3 km



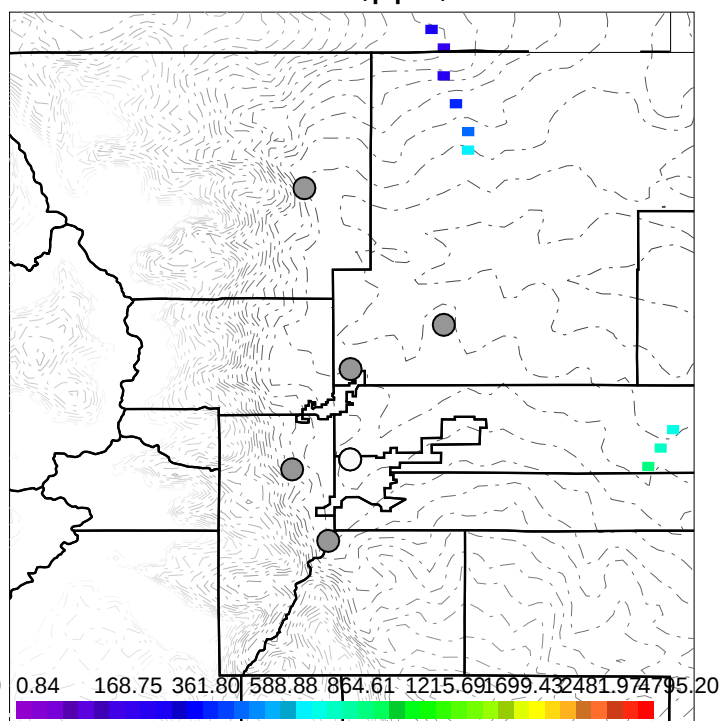
< 3 km



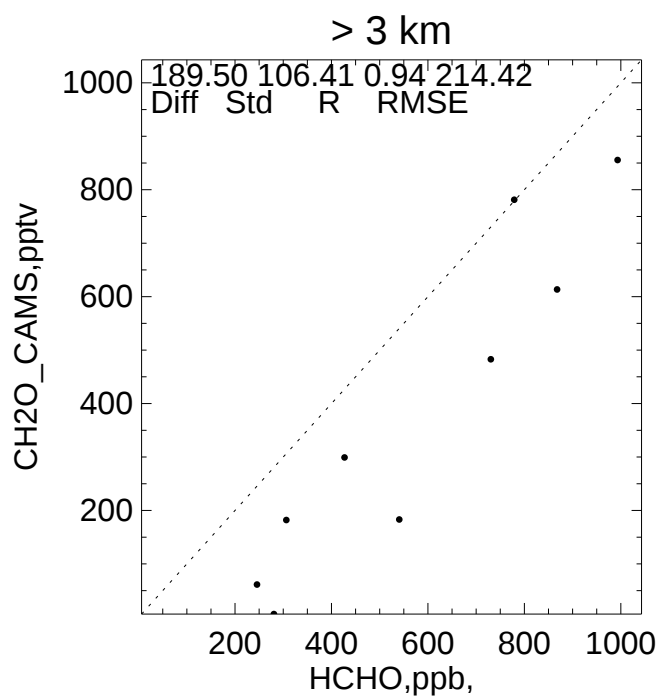
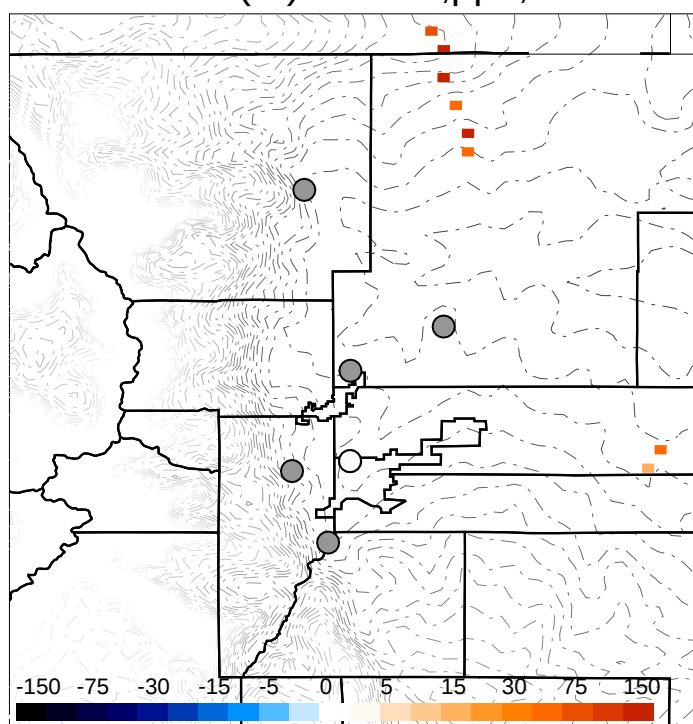
CH2O_CAMS,pptv > 3 km

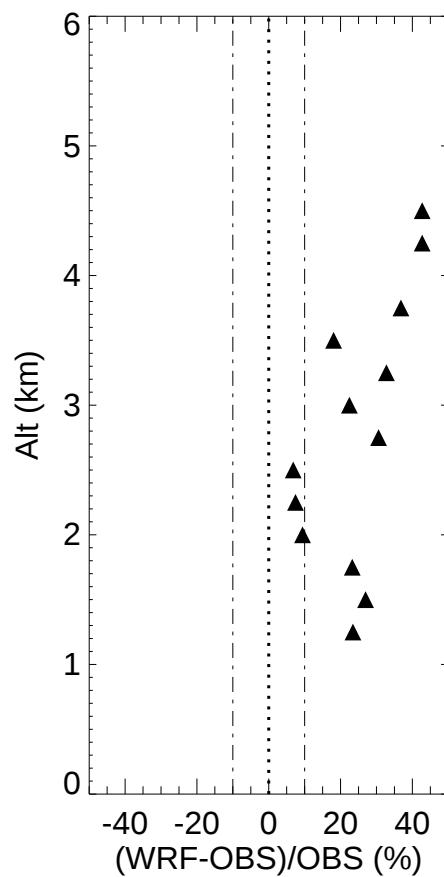
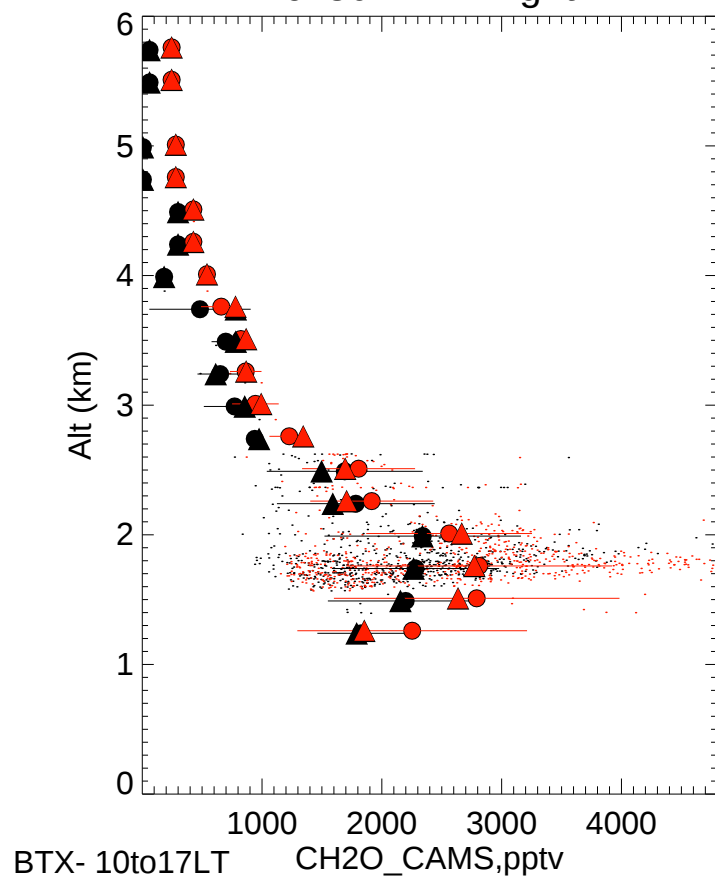
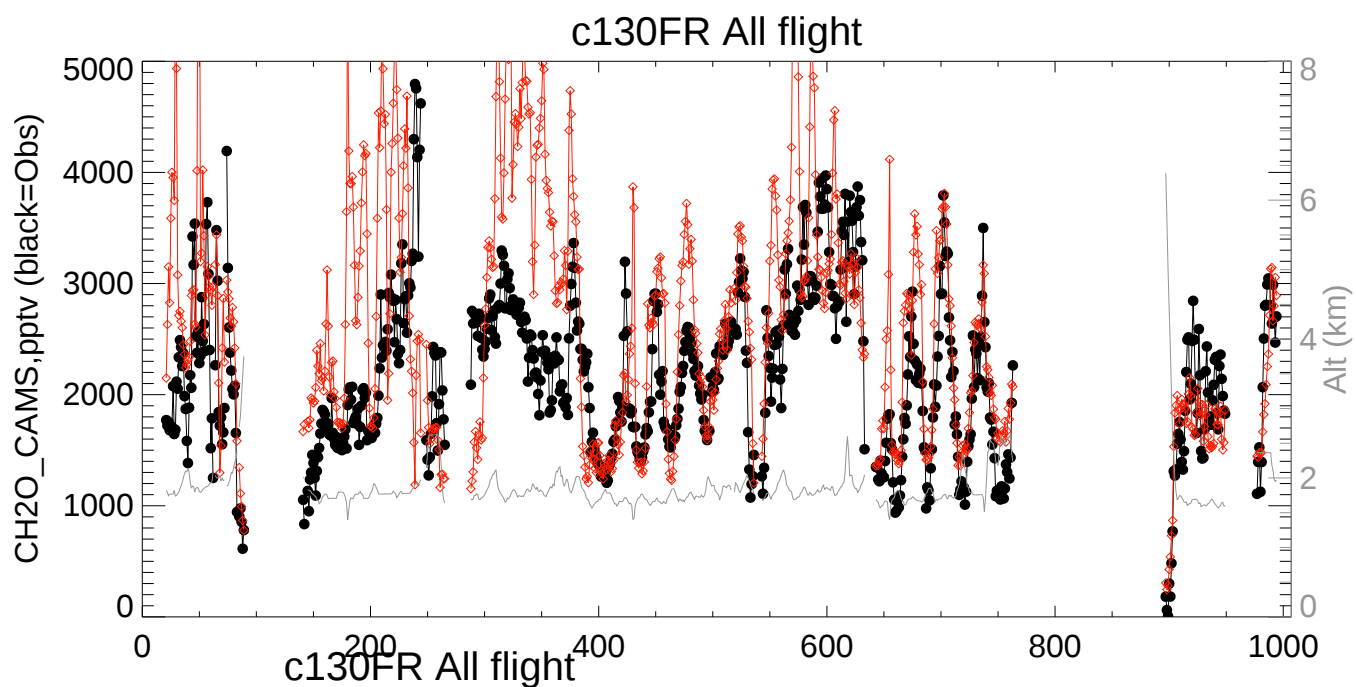


Model HCHO,ppb, > 3 km

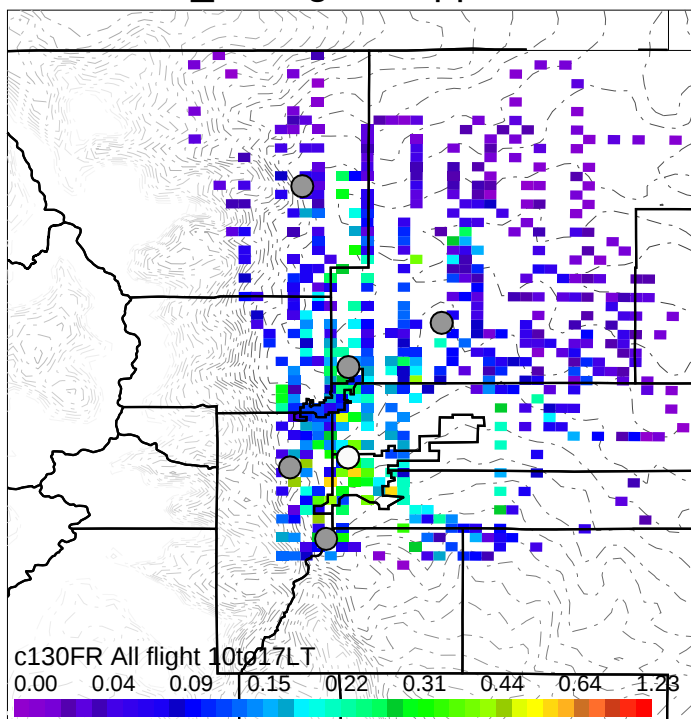


Model-Obs(%) HCHO,ppb, > 3 km

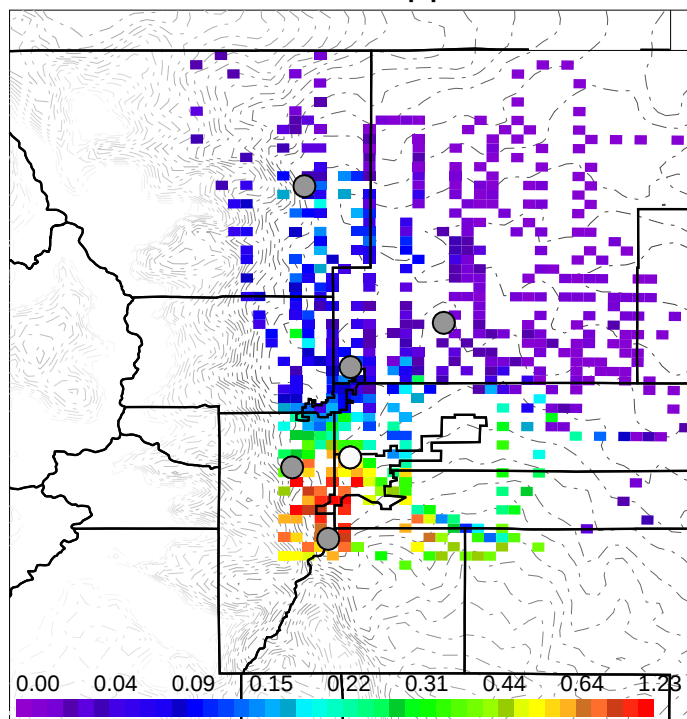




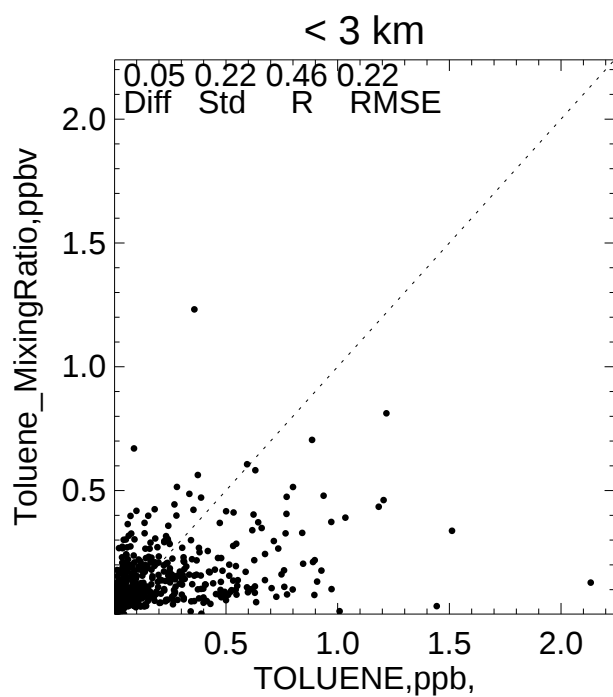
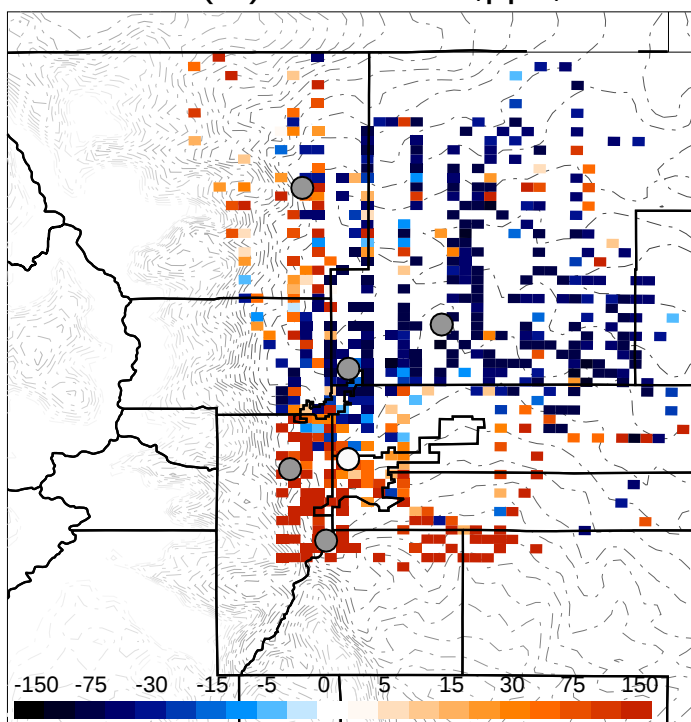
Toluene_MixingRatio,ppbv < 3 km



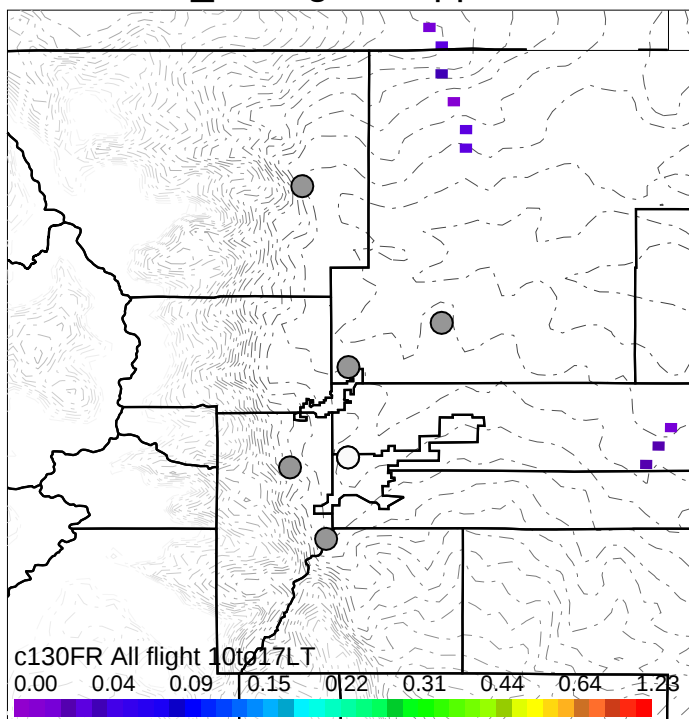
Model TOLUENE,ppb, < 3 km



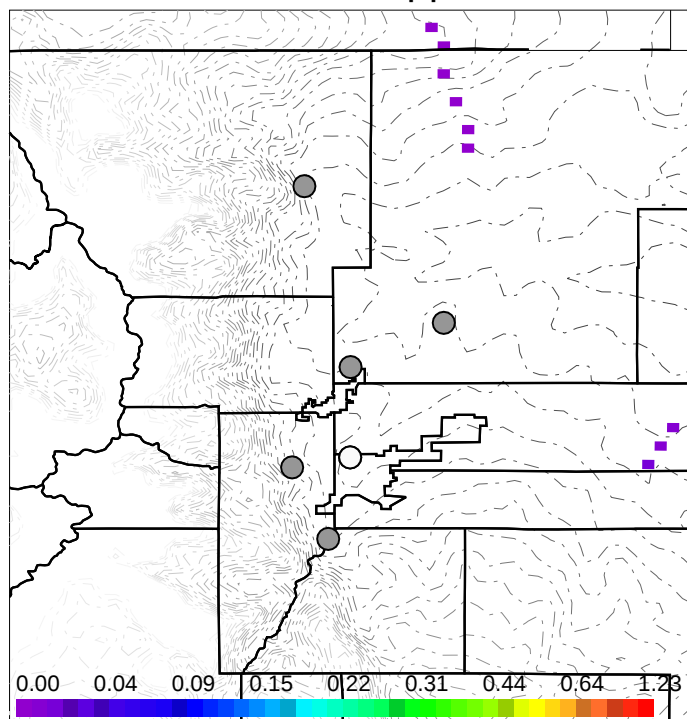
Model-Obs(%) TOLUENE,ppb, < 3 km



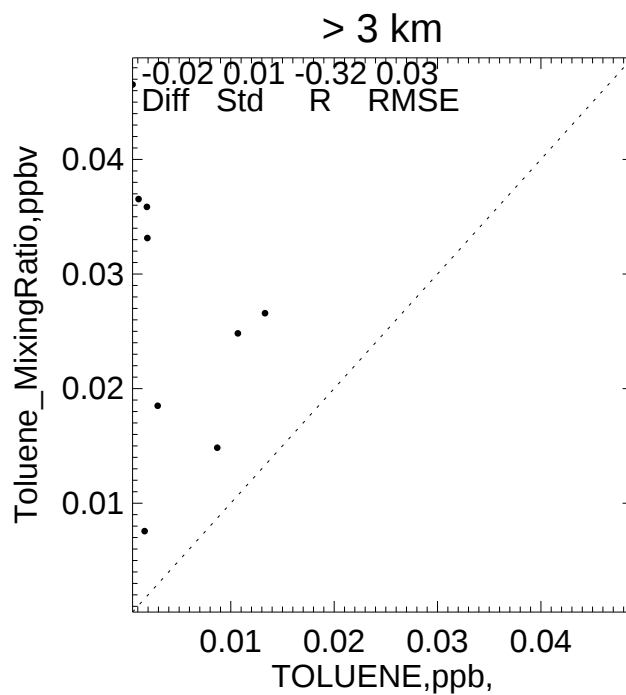
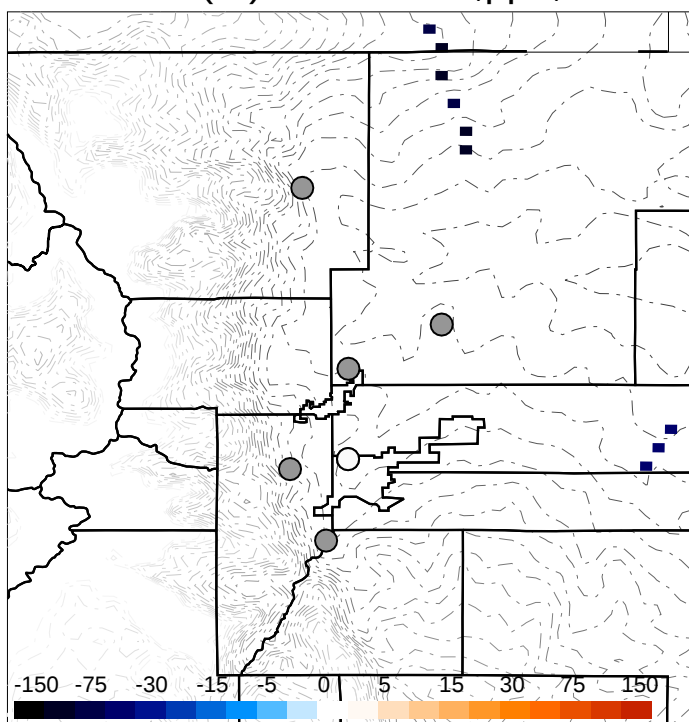
Toluene_MixingRatio,ppbv > 3 km



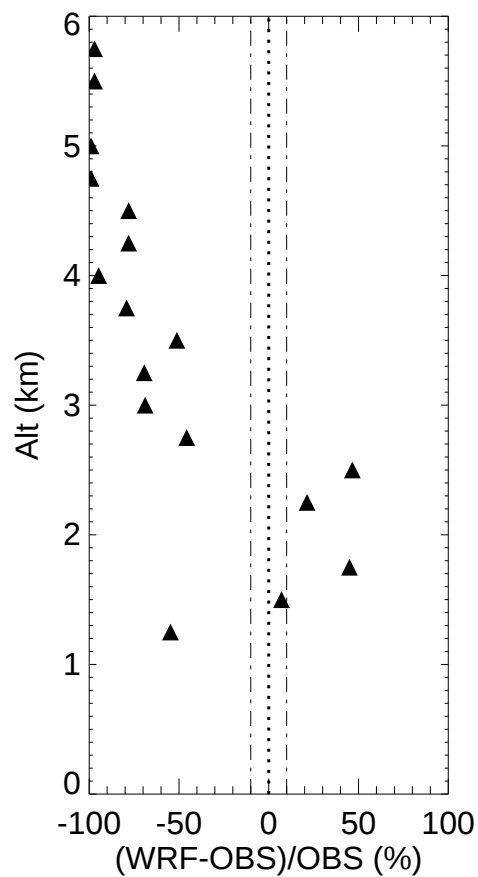
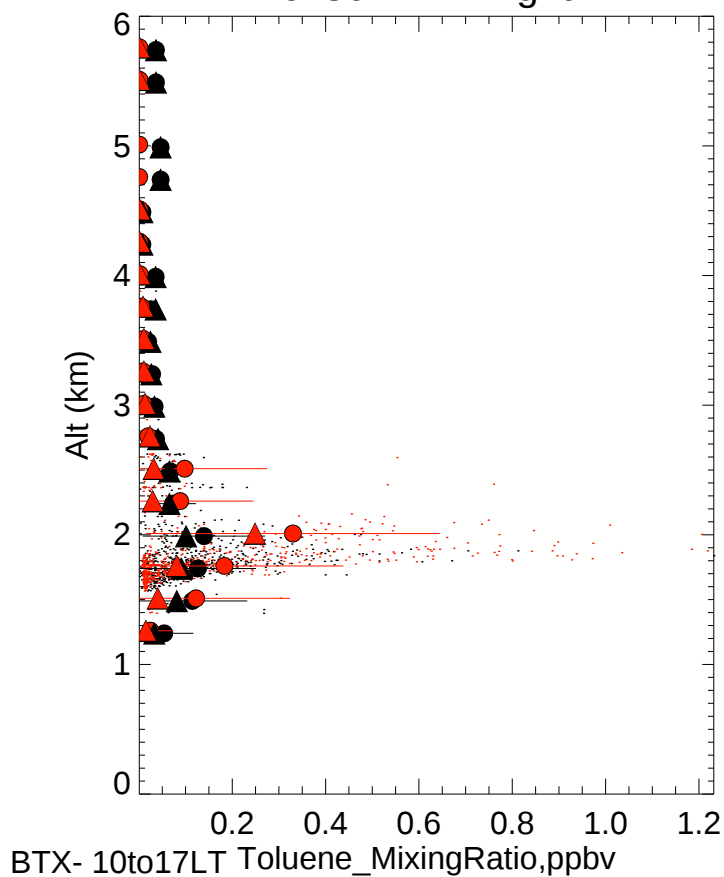
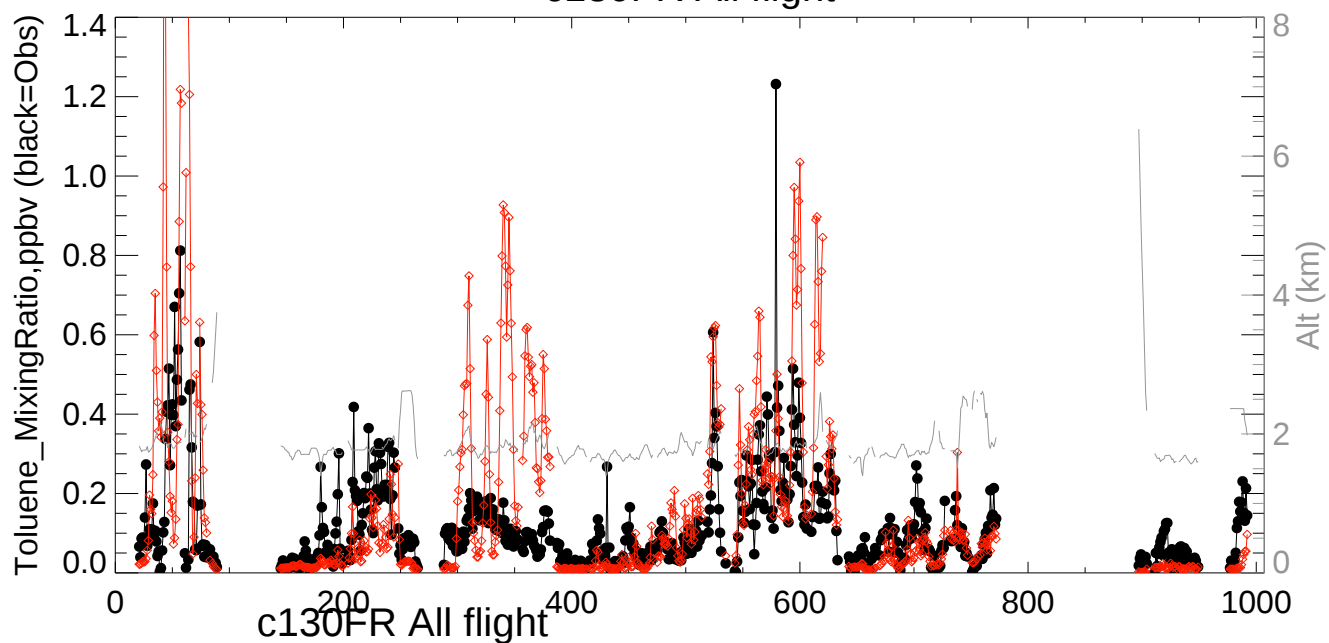
Model TOLUENE,ppb, > 3 km



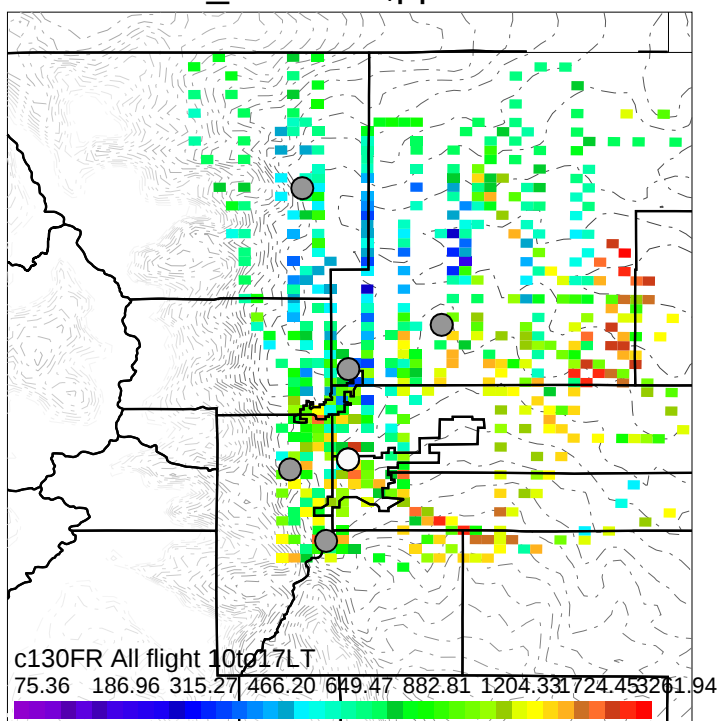
Model-Obs(%) TOLUENE,ppb, > 3 km



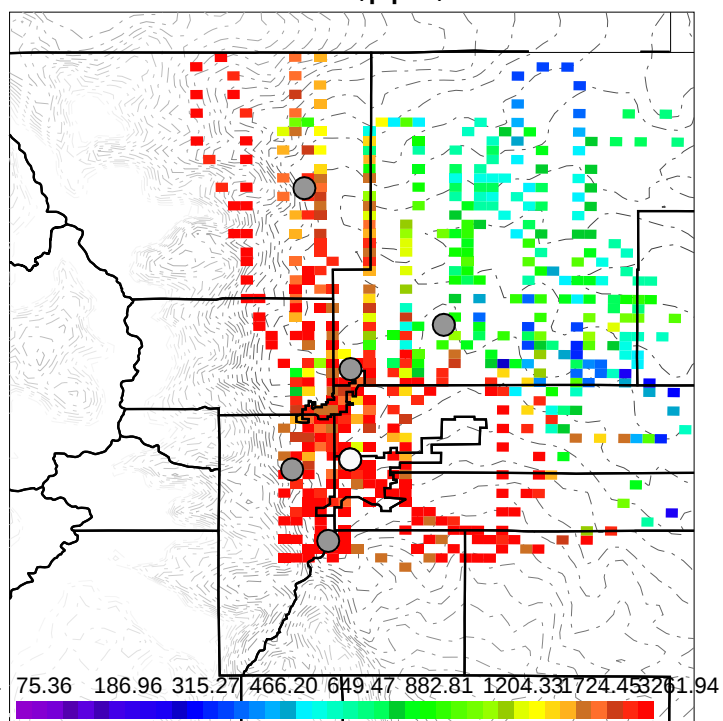
c130FR All flight



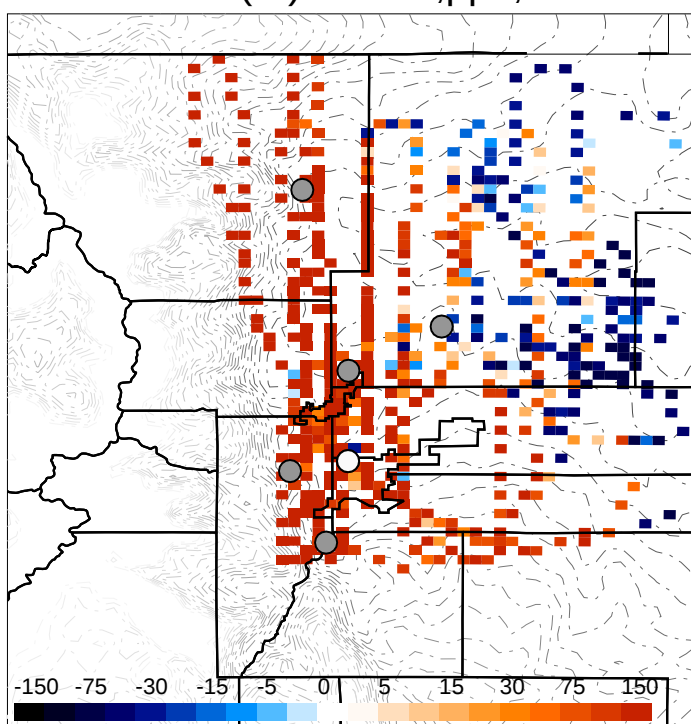
HNO₃_GTCIMS, pptv < 3 km



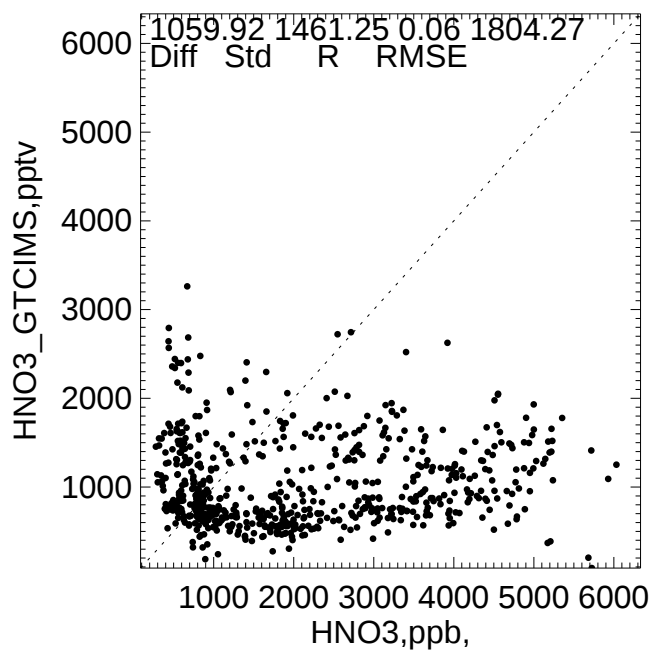
Model HNO₃, ppb, < 3 km



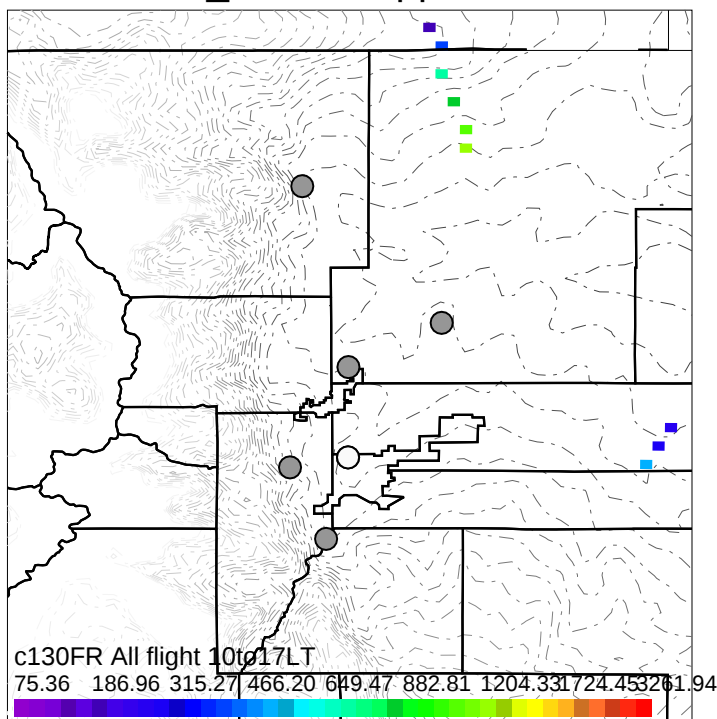
Model-Obs(%) HNO₃, ppb, < 3 km



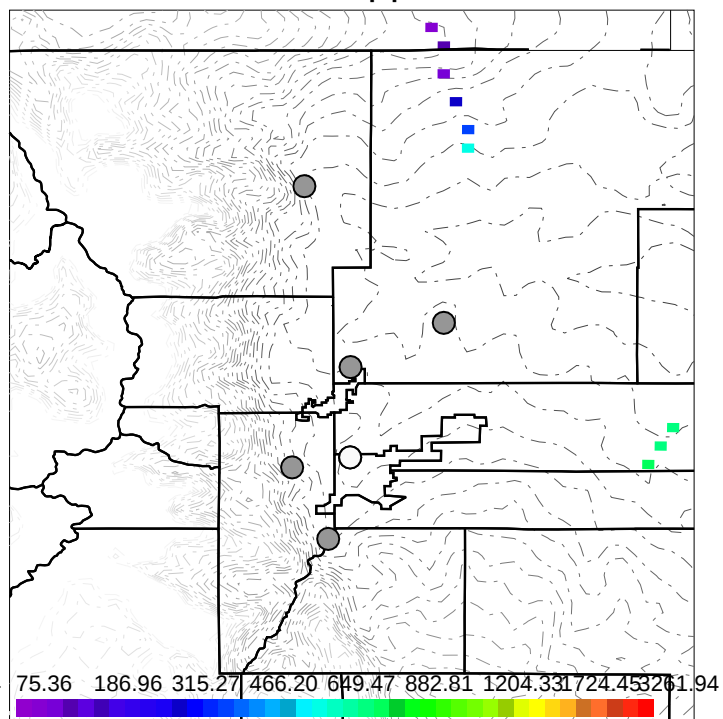
< 3 km



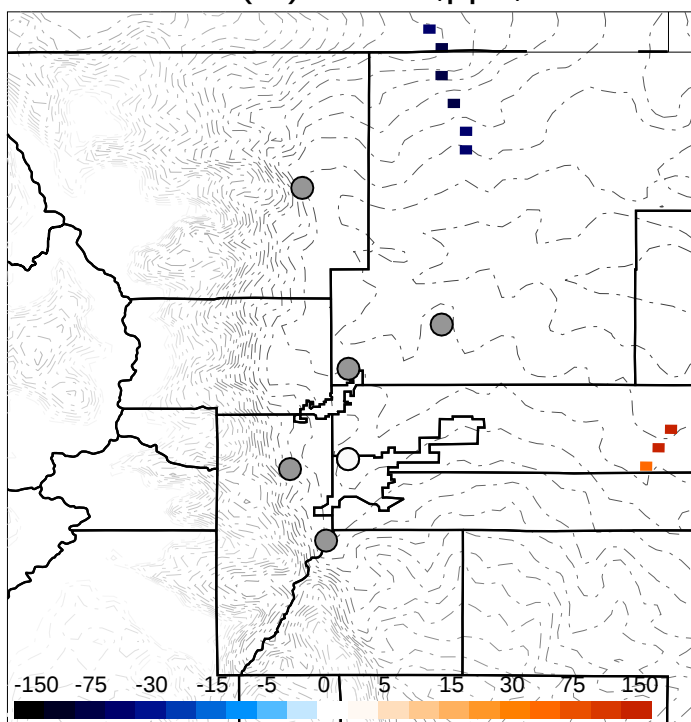
HNO₃_GTCIMS,pptv > 3 km



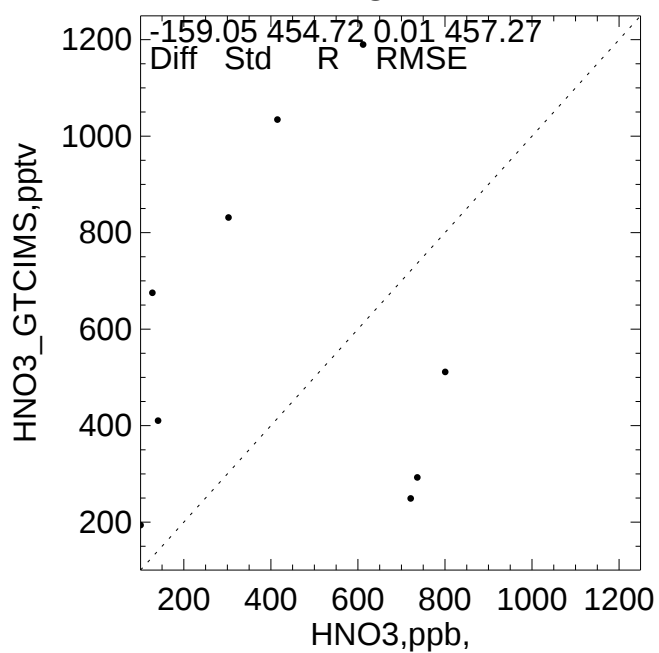
Model HNO₃,ppb, > 3 km

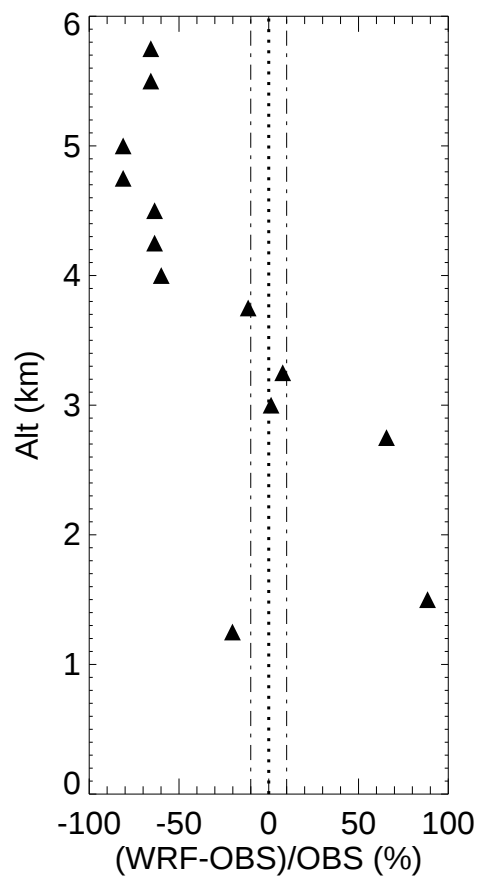
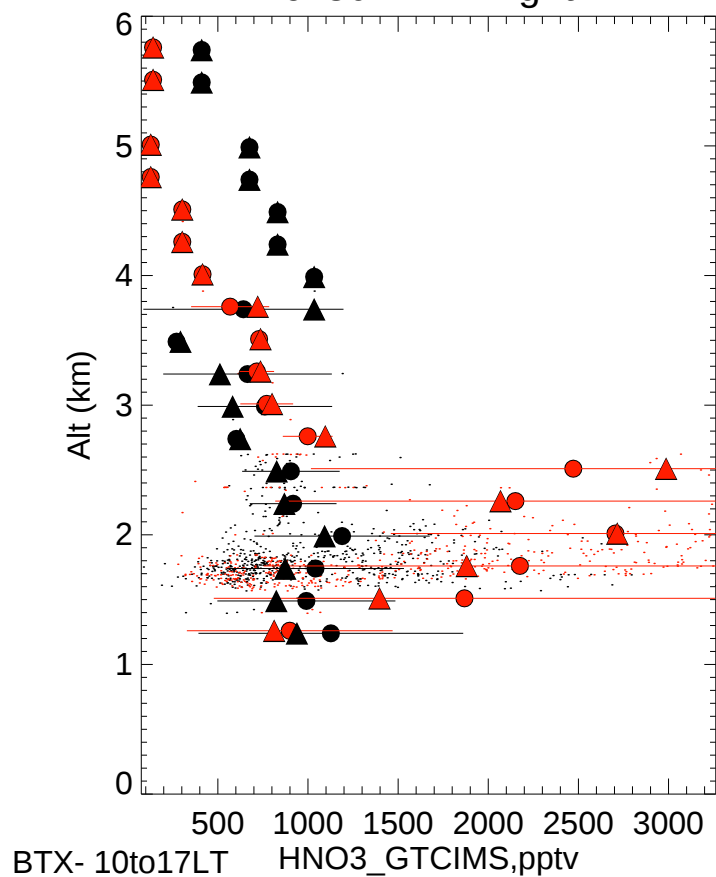
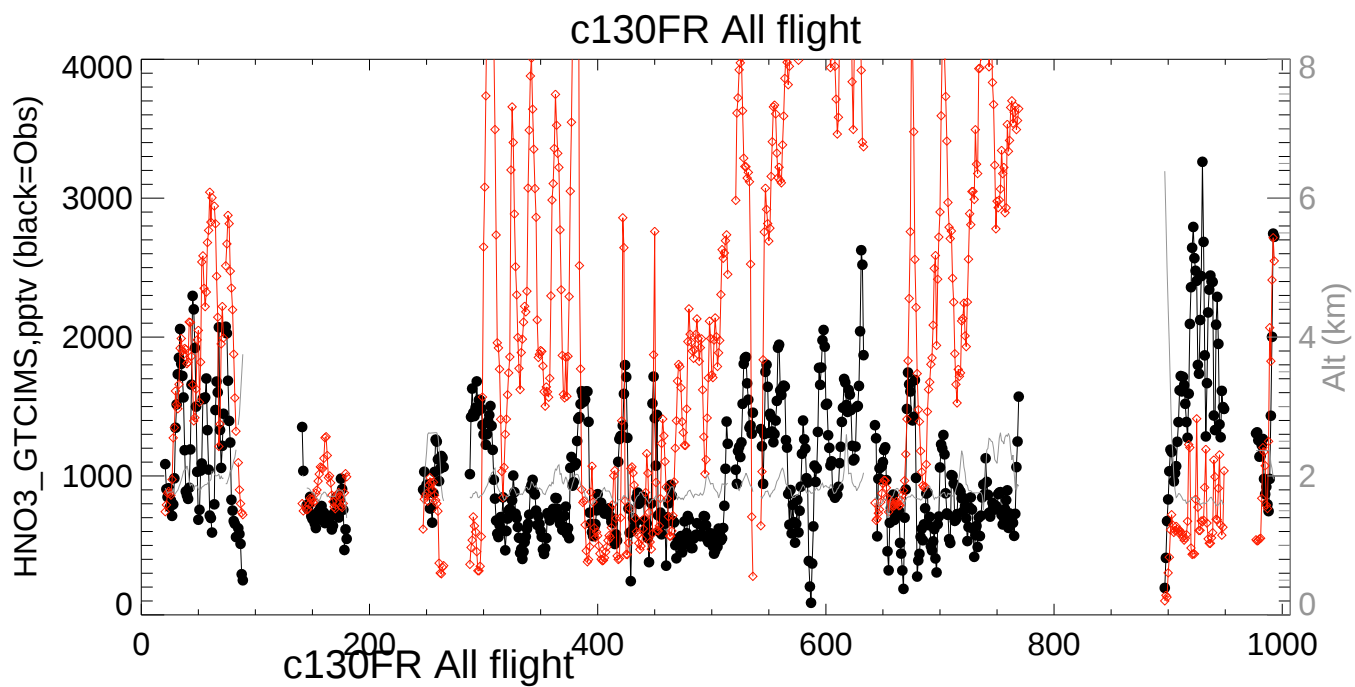


Model-Obs(%) HNO₃,ppb, > 3 km

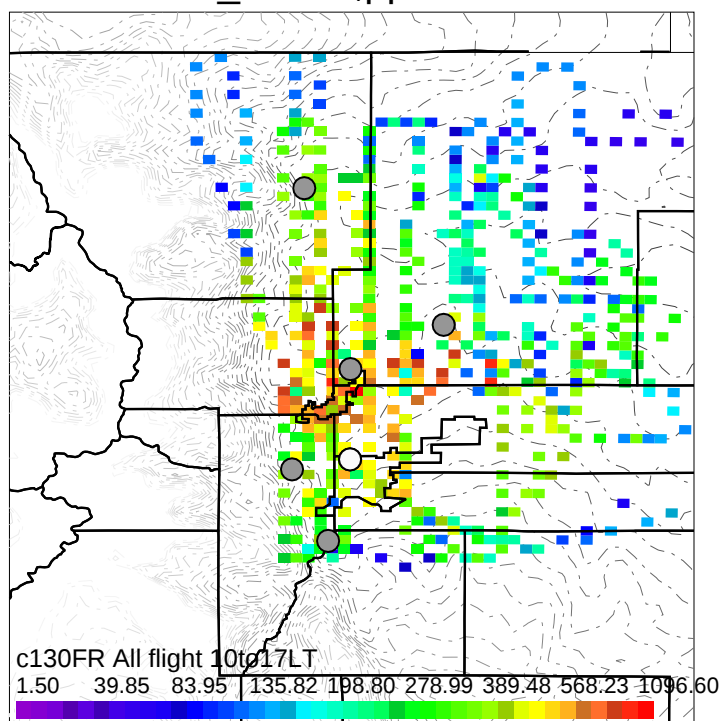


> 3 km

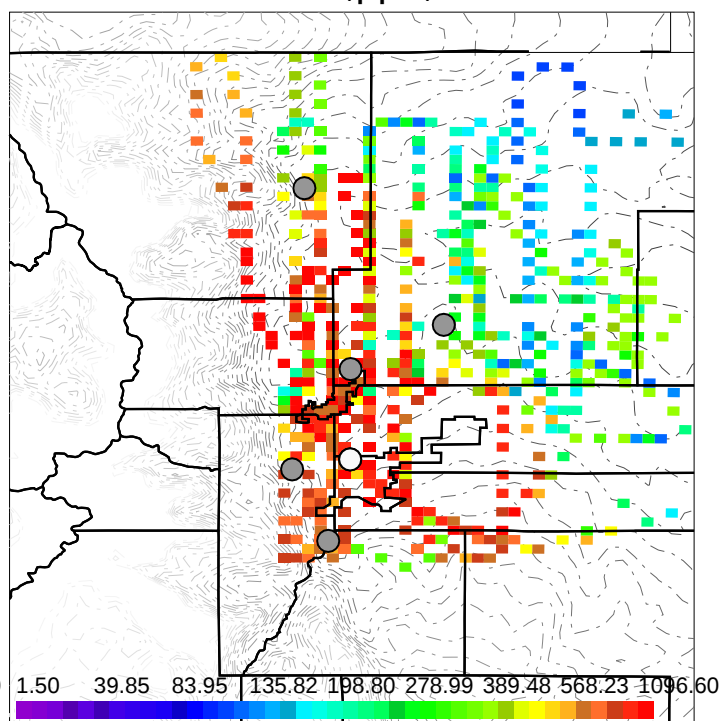




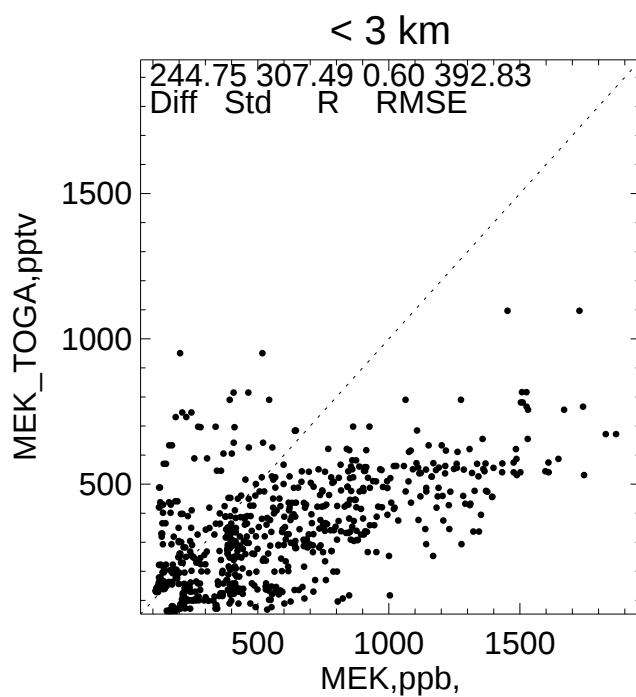
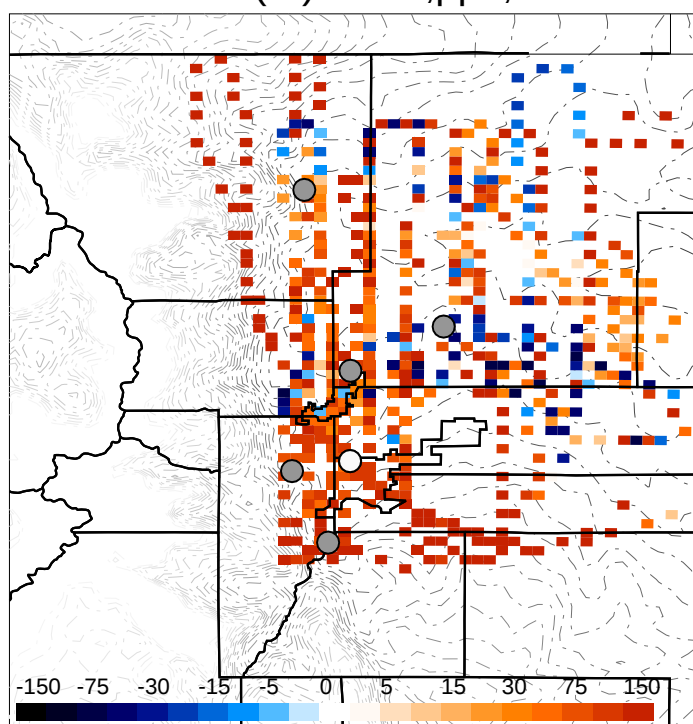
MEK_TOGA, pptv < 3 km



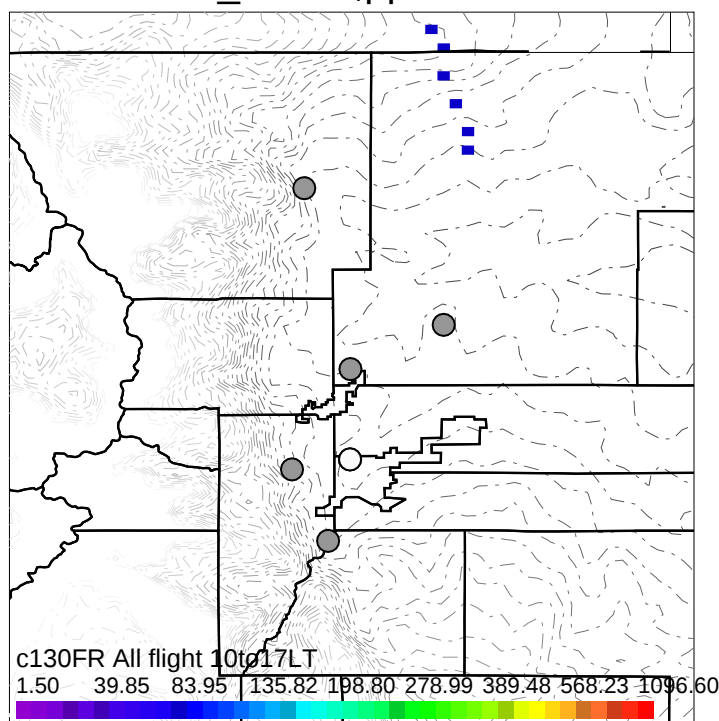
Model MEK, ppb, < 3 km



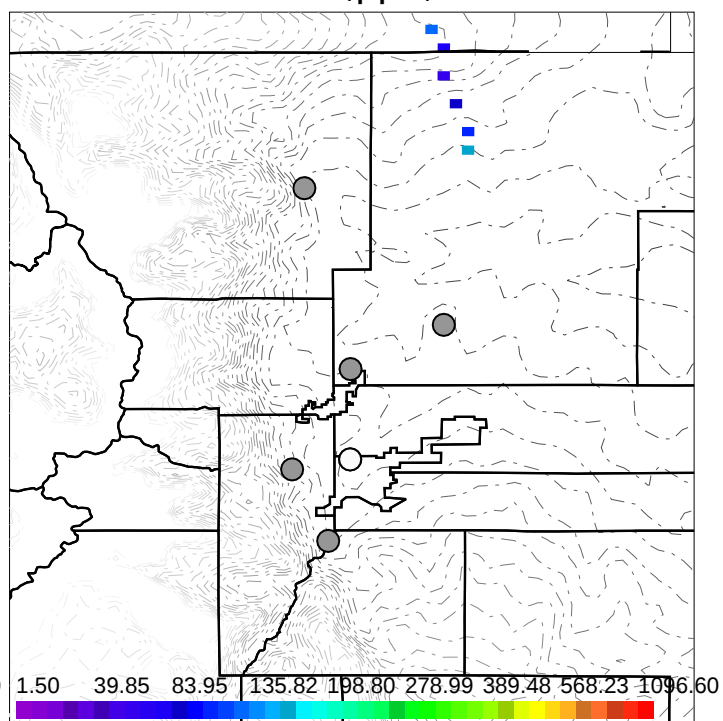
Model-Obs(%) MEK, ppb, < 3 km



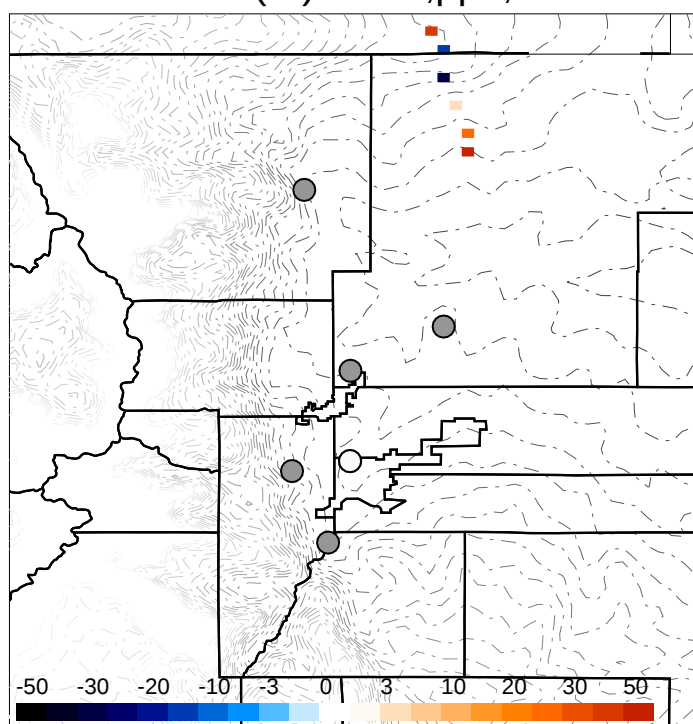
MEK_TOGA,pptv > 3 km



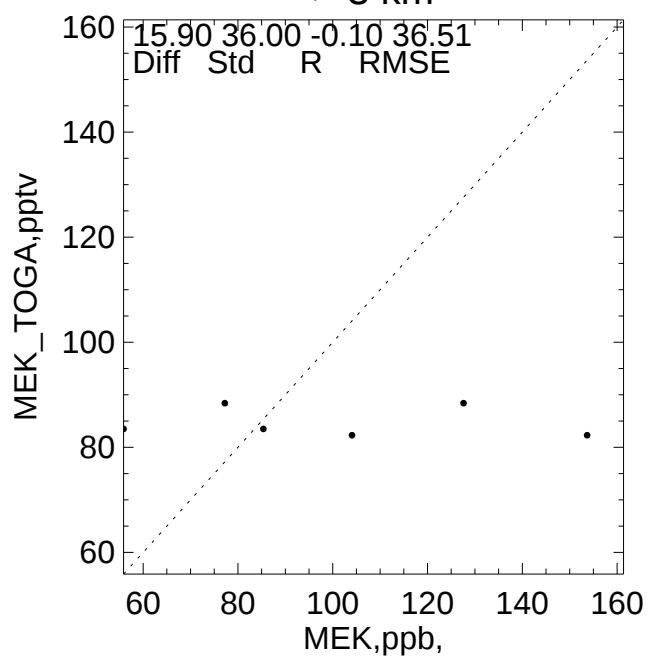
Model MEK,ppb, > 3 km

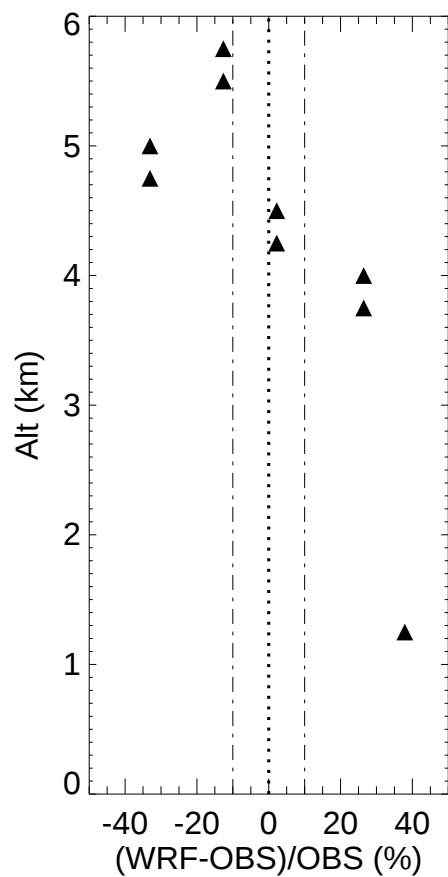
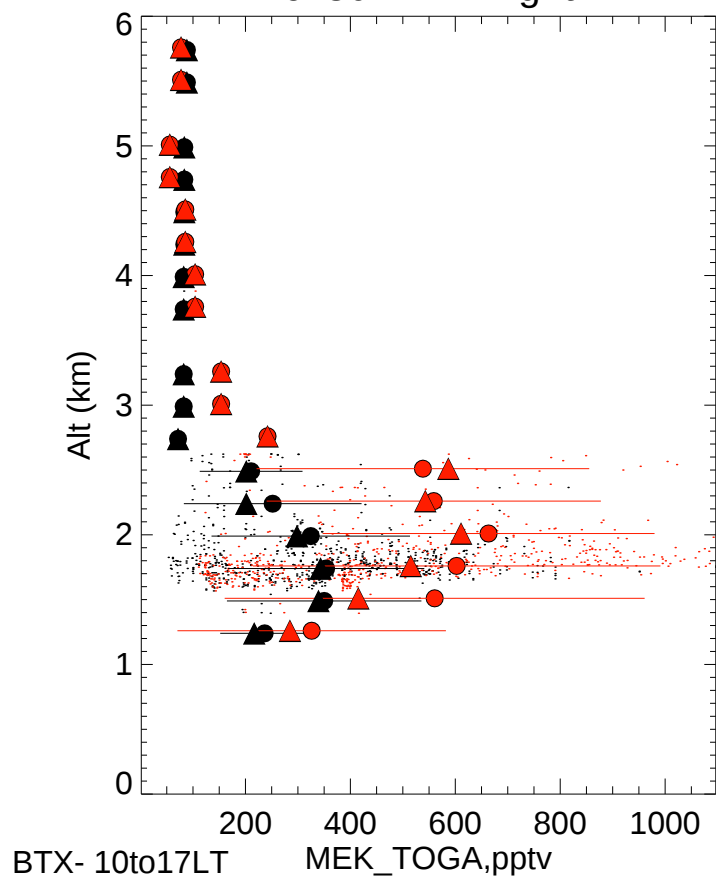
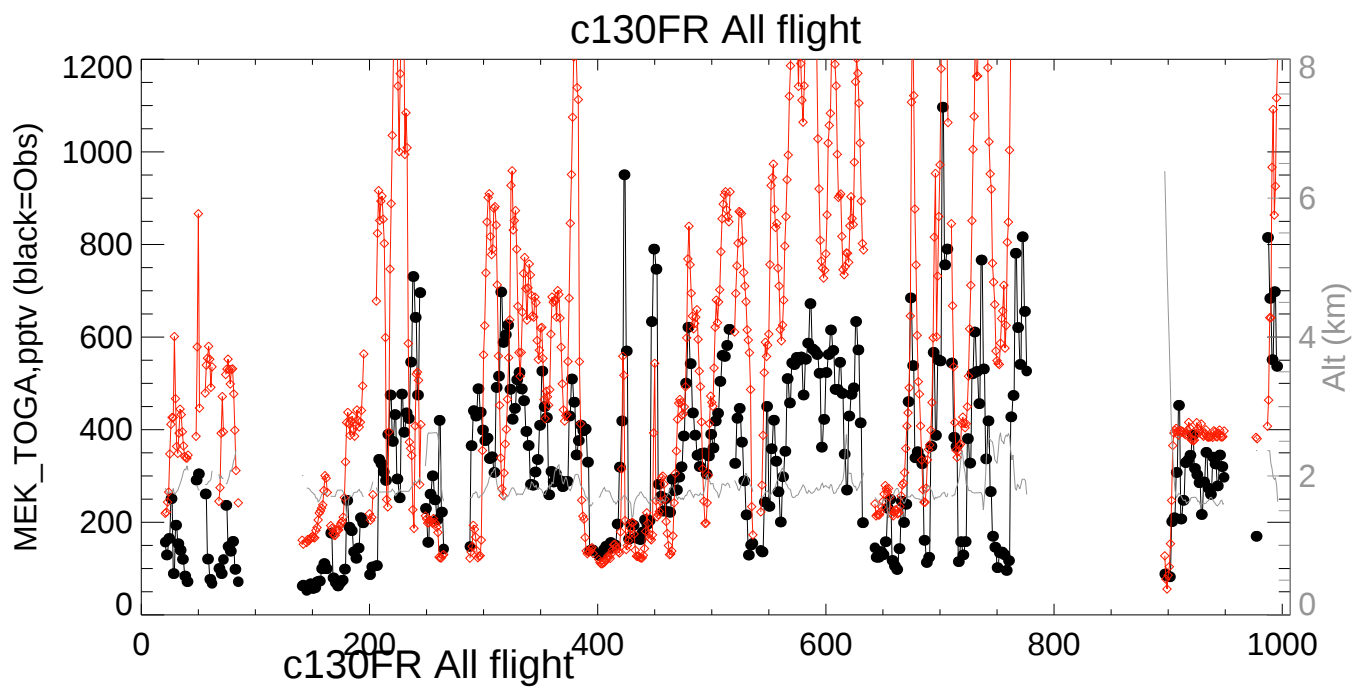


Model-Obs(%) MEK,ppb, > 3 km

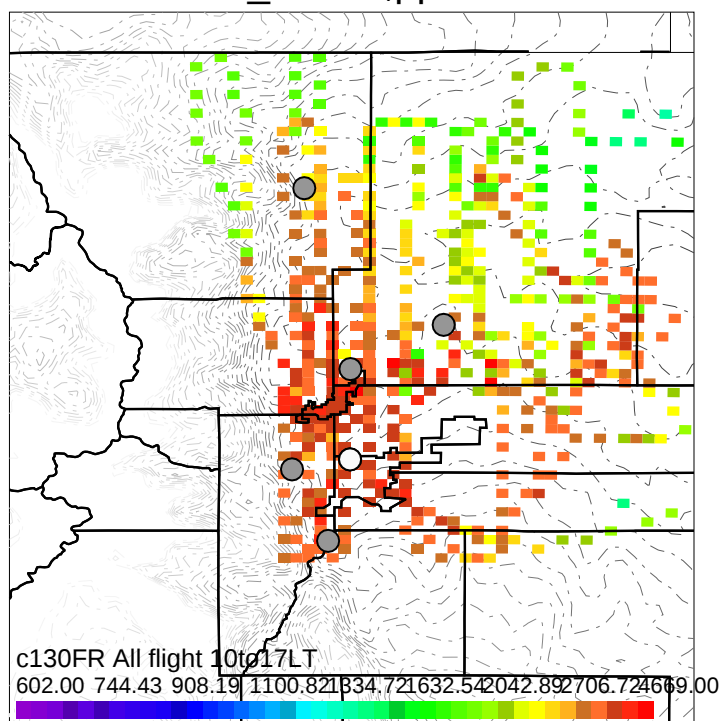


> 3 km

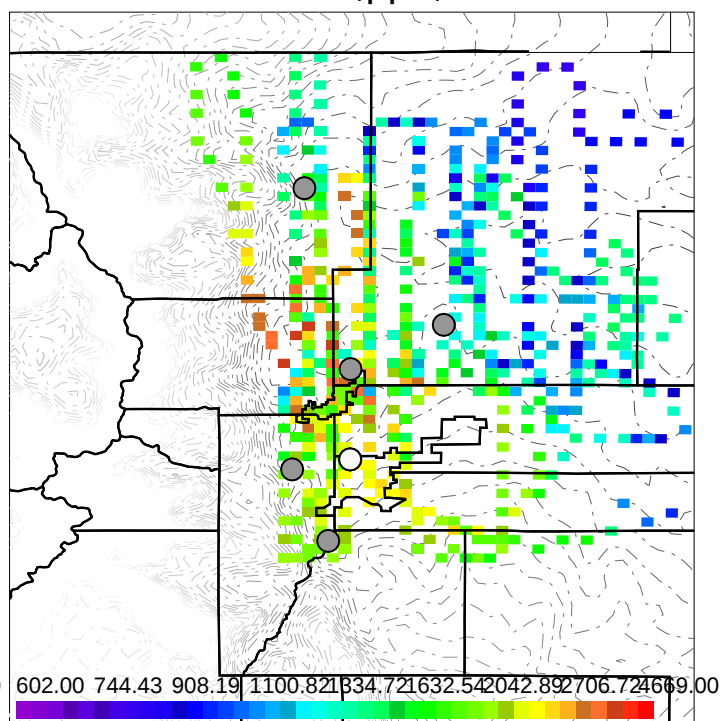




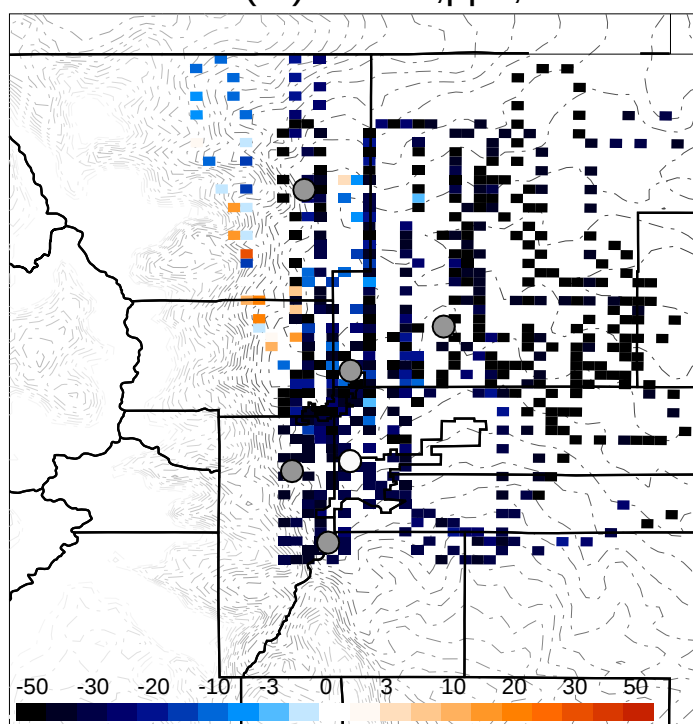
Acetone_TOGA,pptv < 3 km



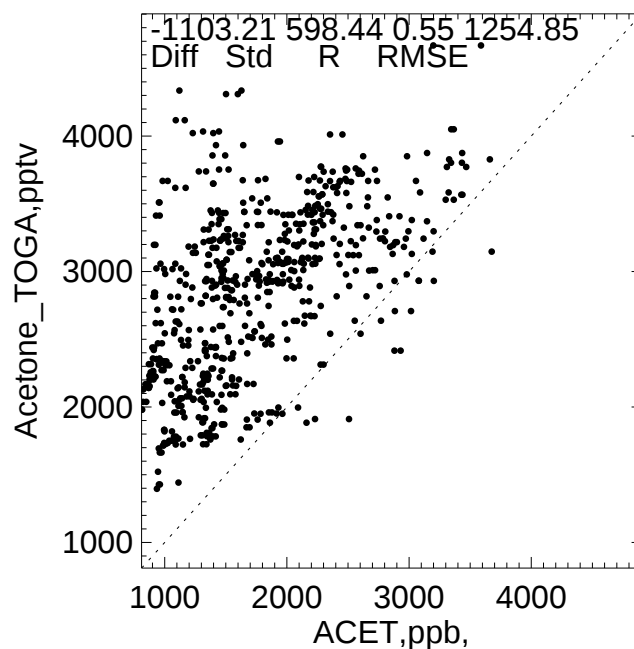
Model ACET,ppb, < 3 km



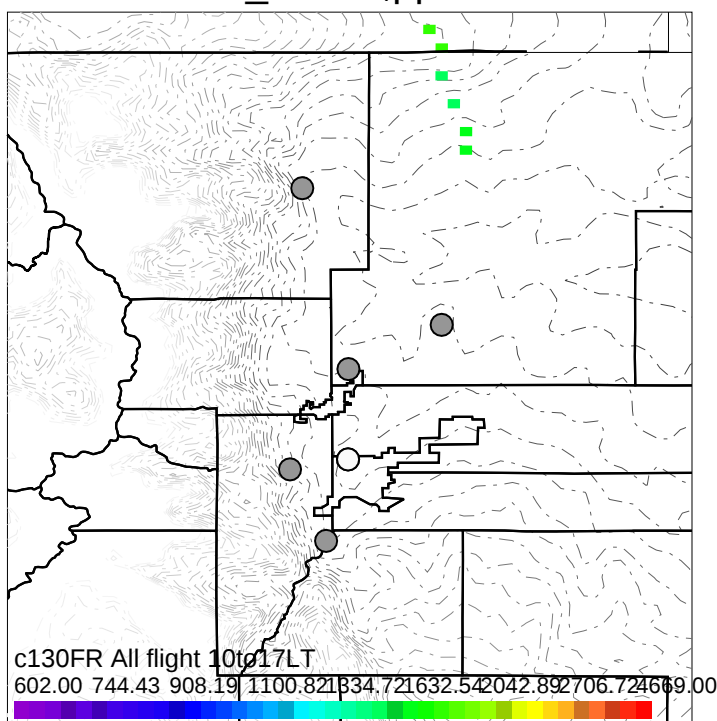
Model-Obs(%) ACET,ppb, < 3 km



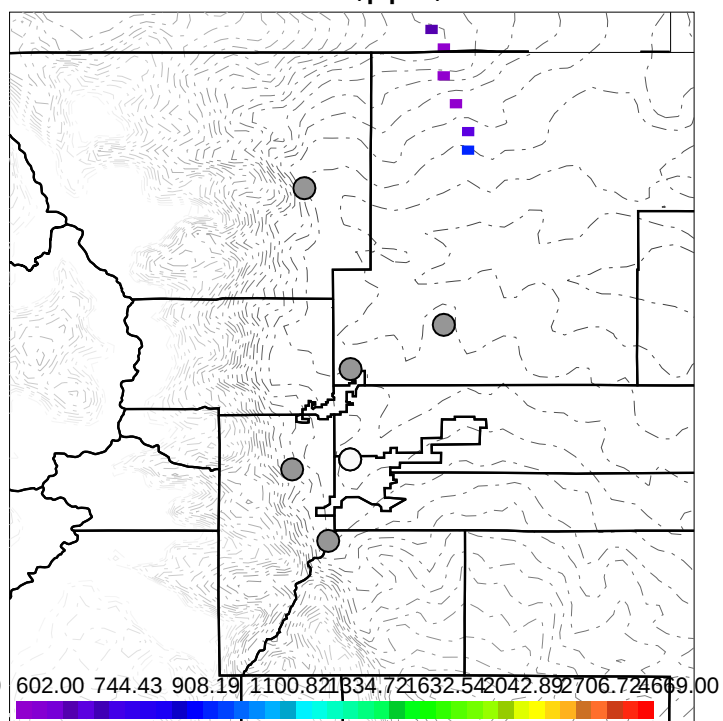
< 3 km



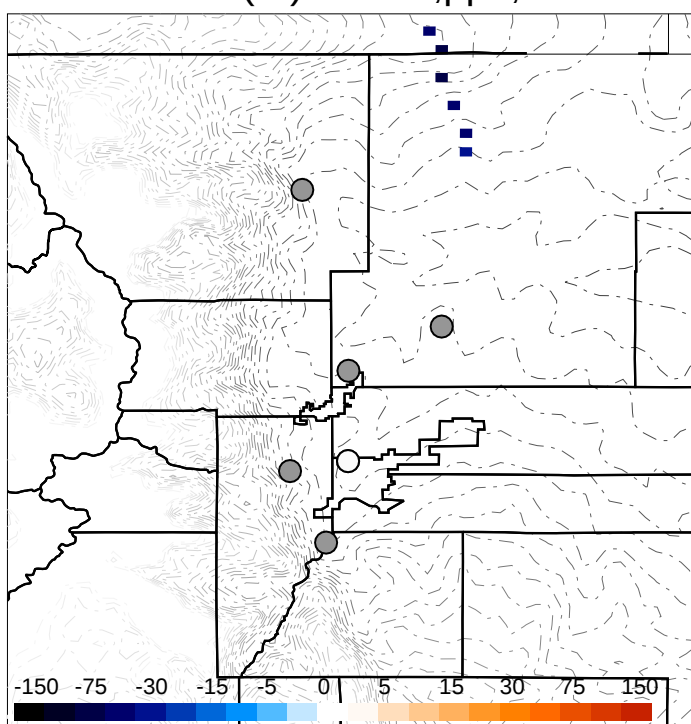
Acetone_TOGA,pptv > 3 km



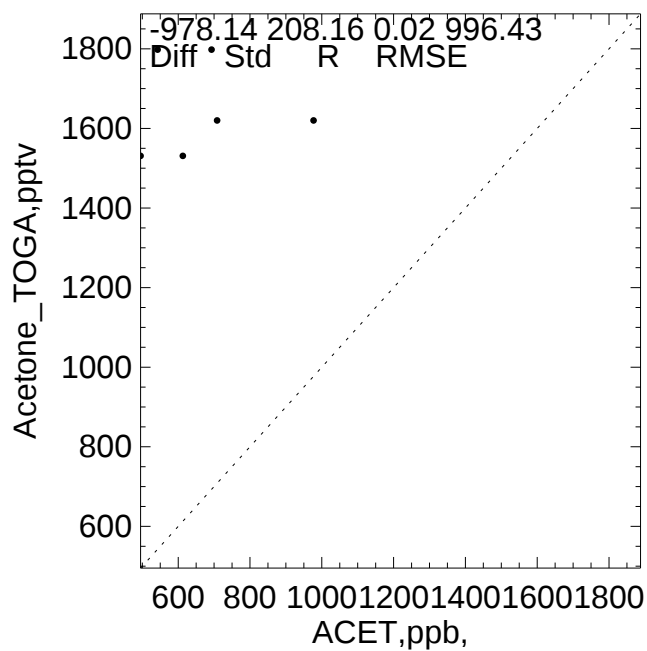
Model ACET,ppb, > 3 km

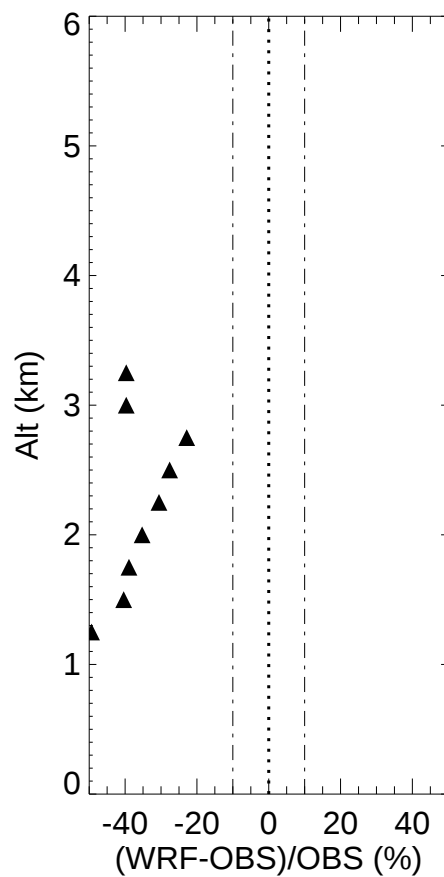
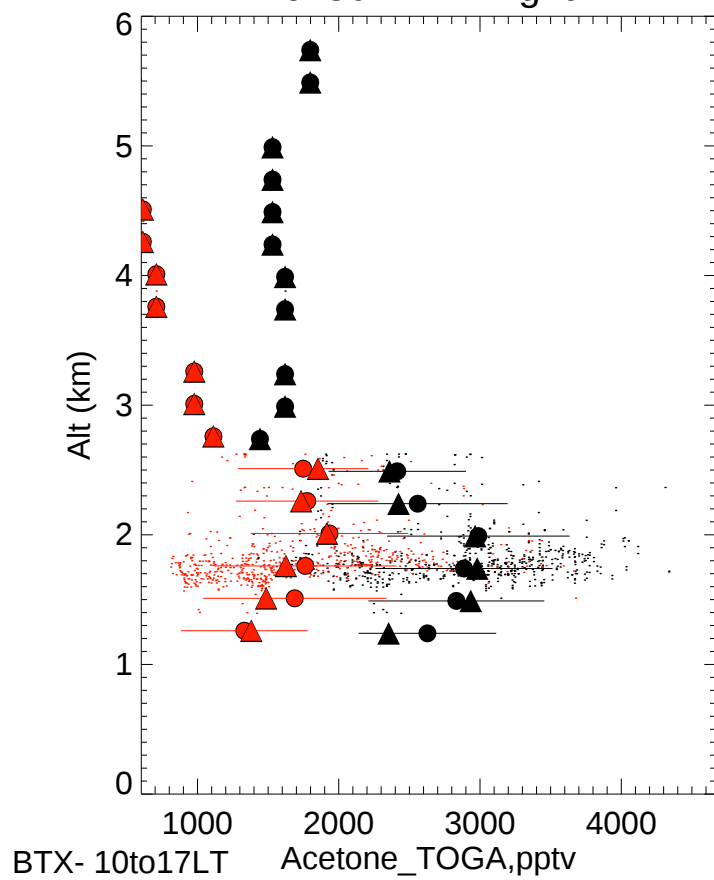
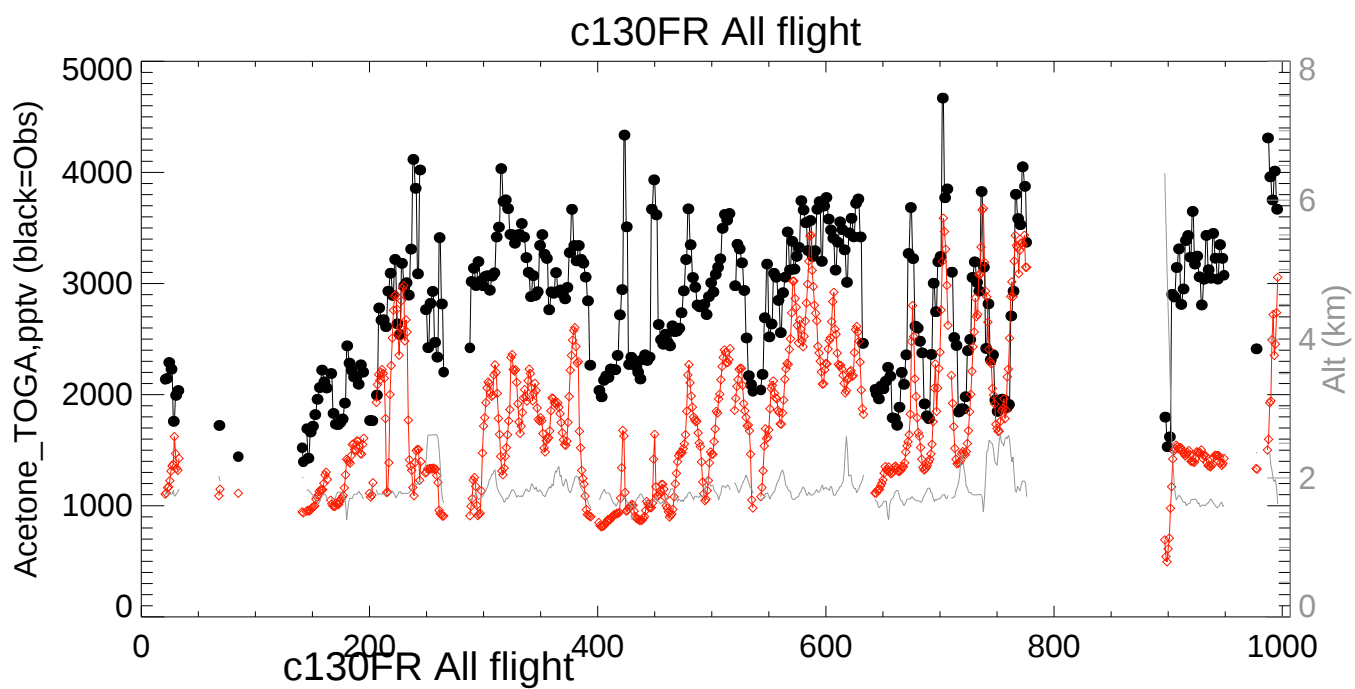


Model-Obs(%) ACET,ppb, > 3 km

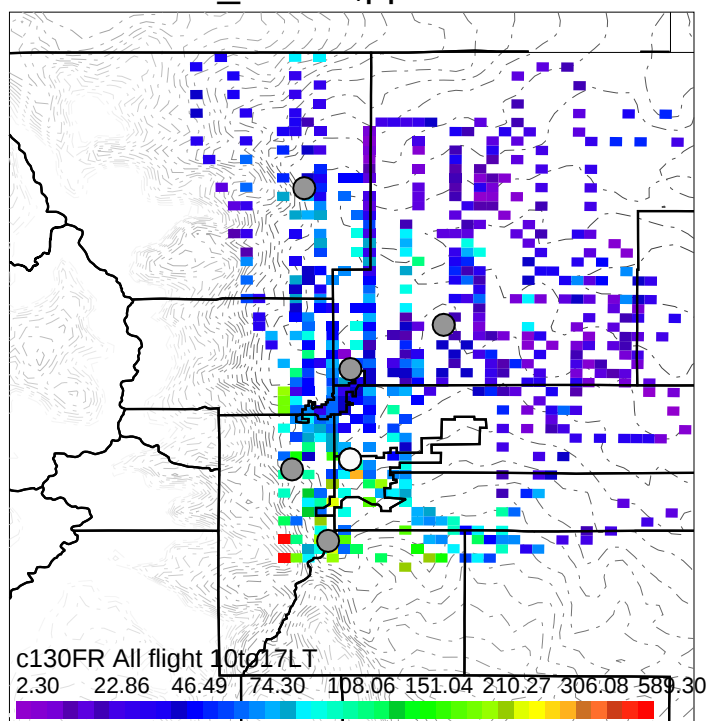


> 3 km

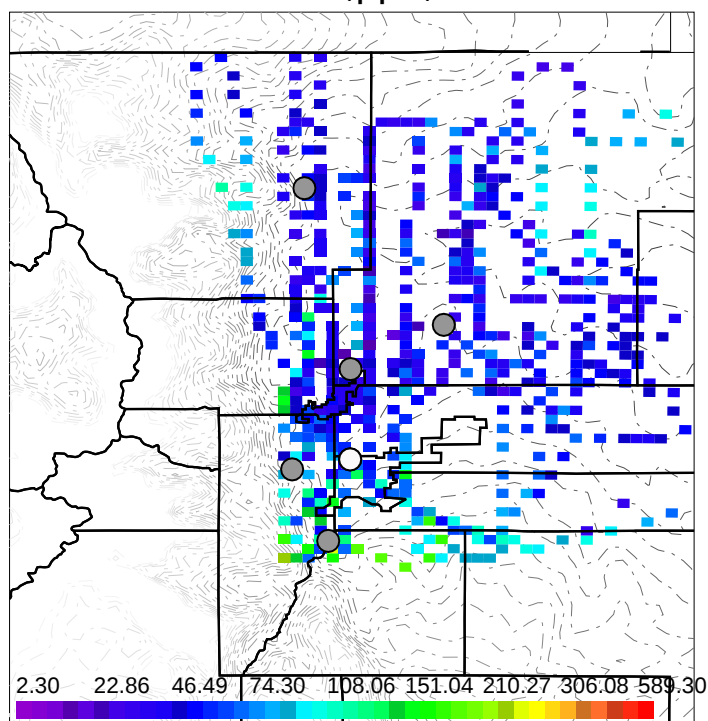




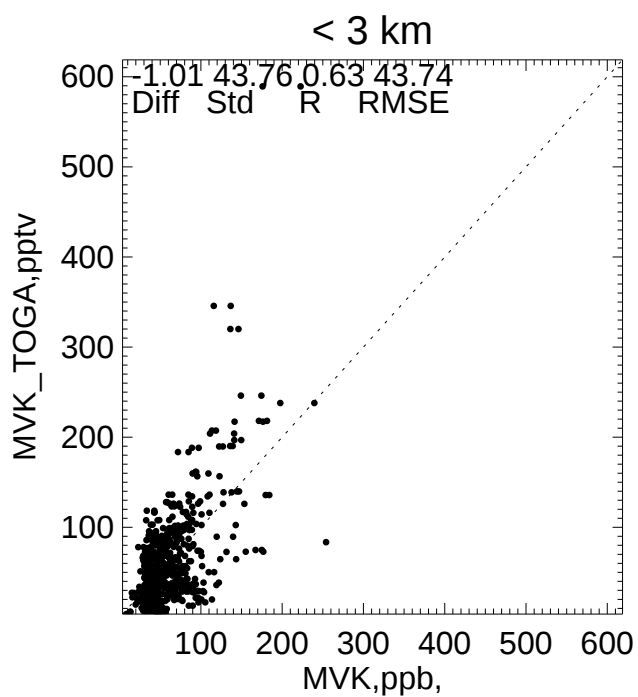
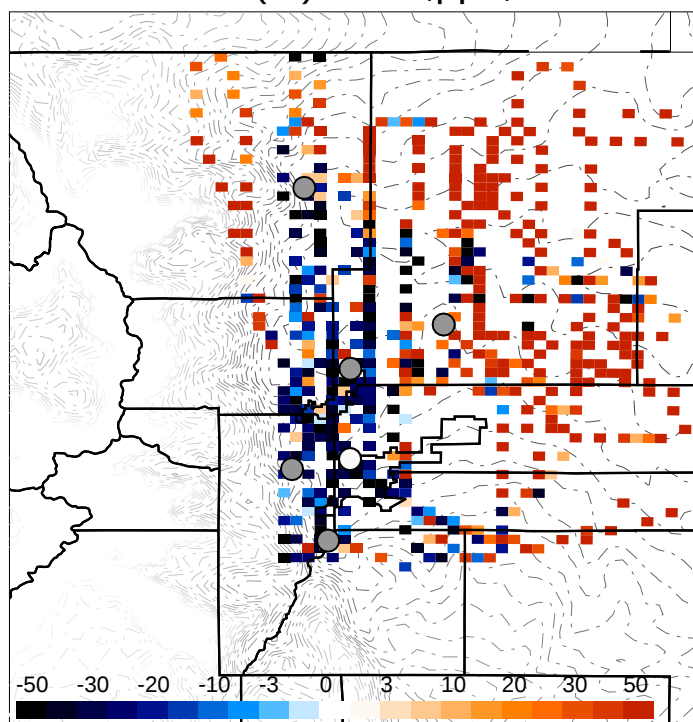
MVK_TOGA, pptv < 3 km



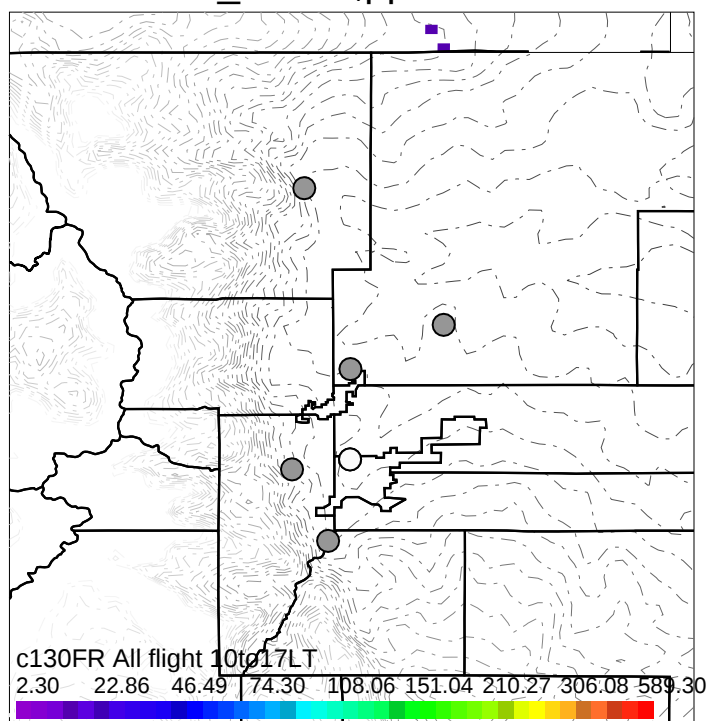
Model MVK, ppb, < 3 km



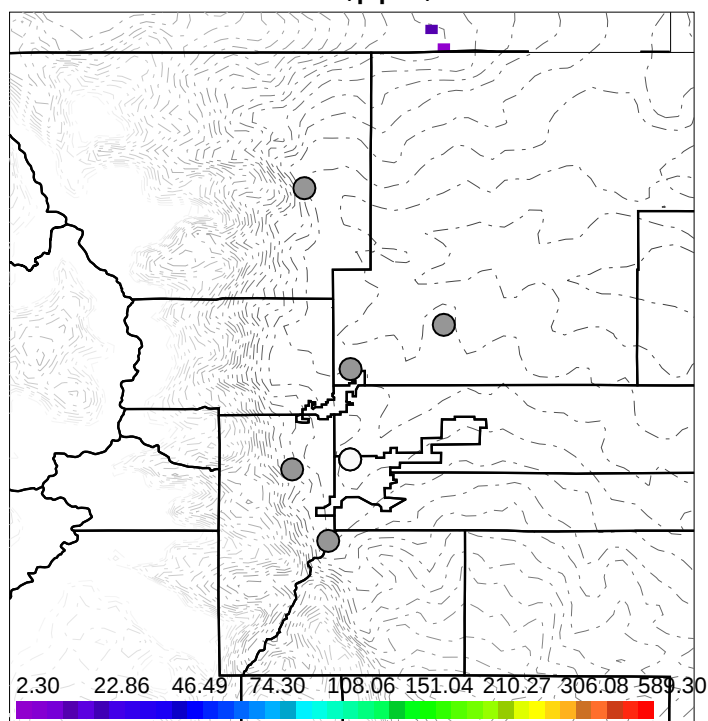
Model-Obs(%) MVK, ppb, < 3 km



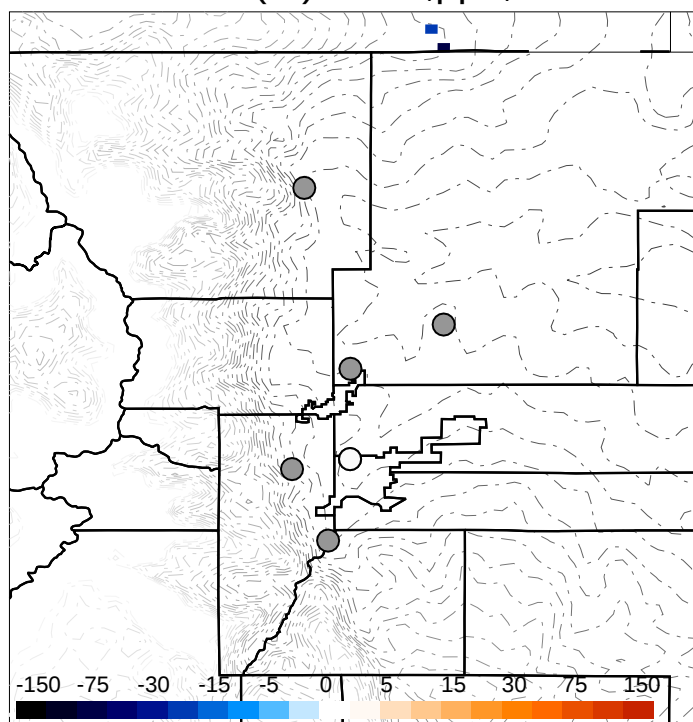
MVK_TOGA,pptv > 3 km



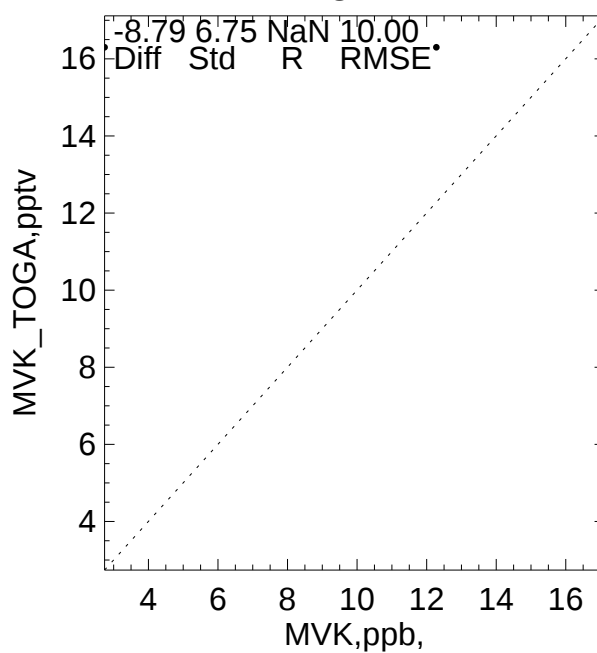
Model MVK,ppb, > 3 km

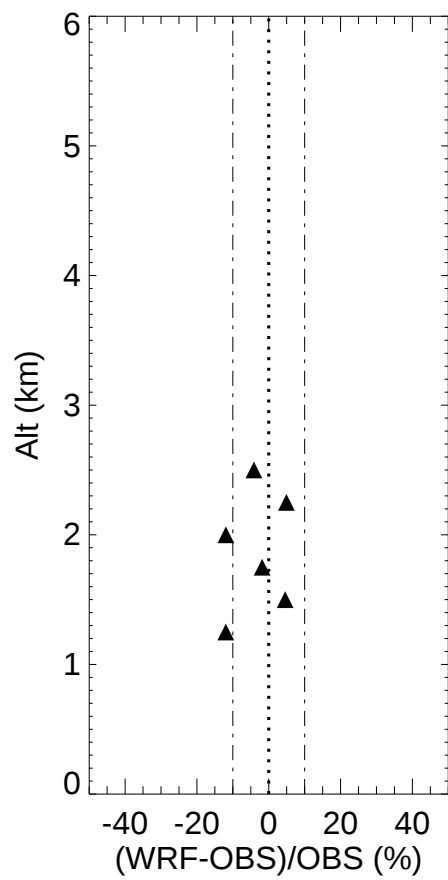
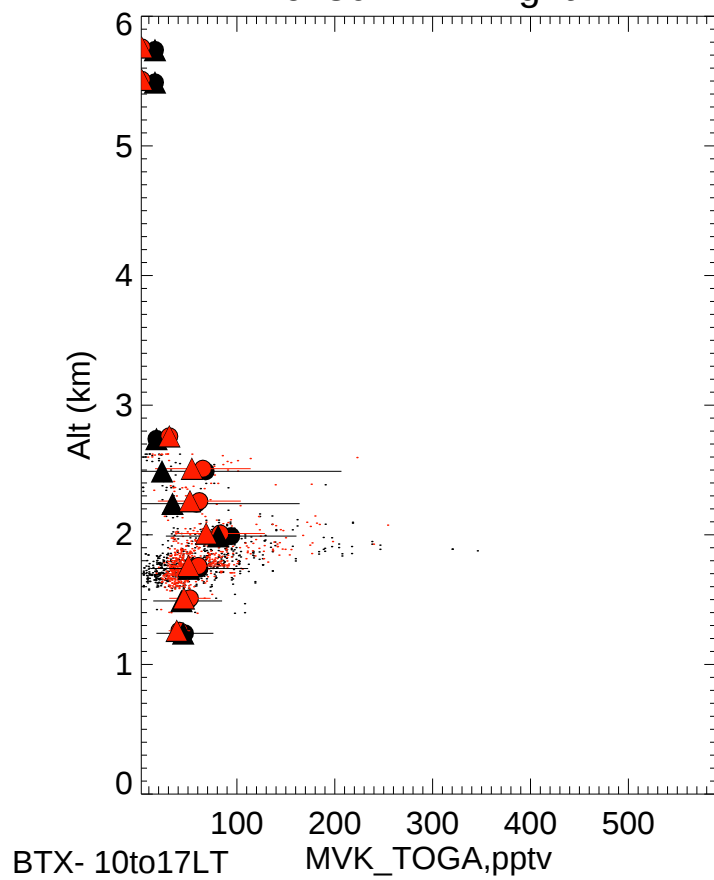
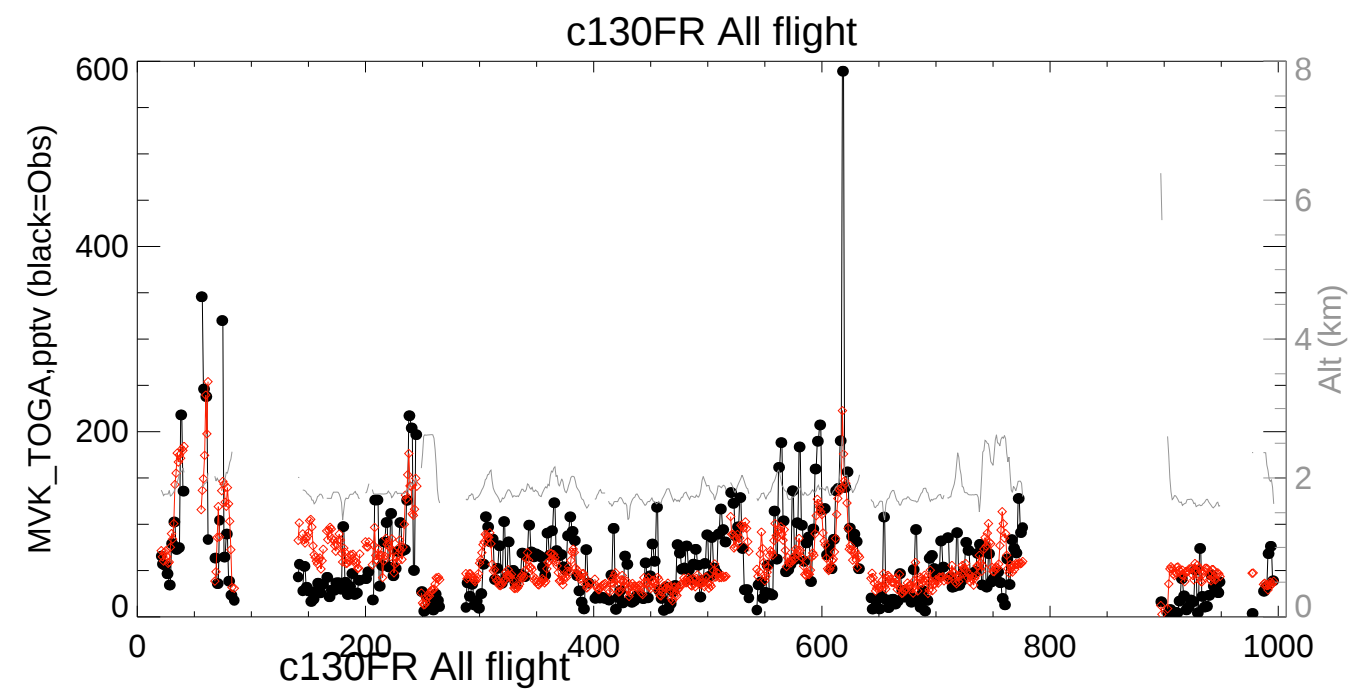


Model-Obs(%) MVK,ppb, > 3 km

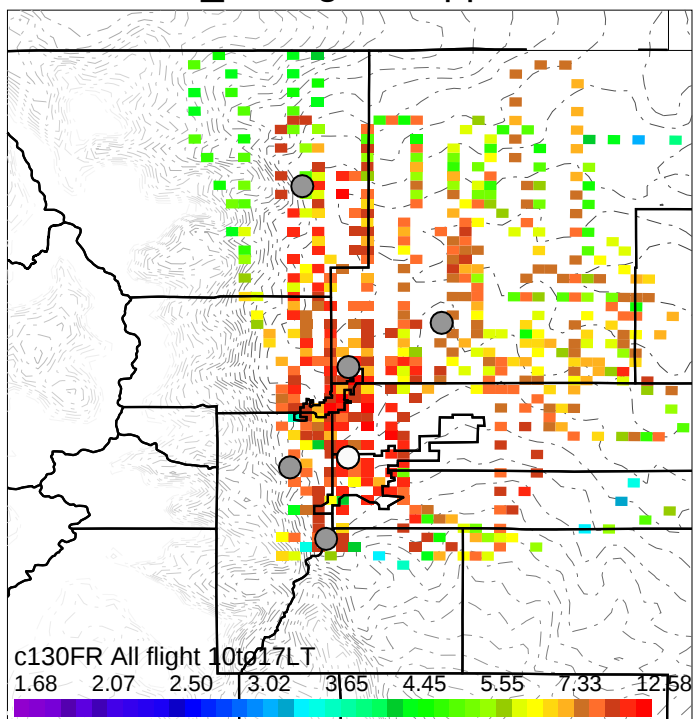


> 3 km

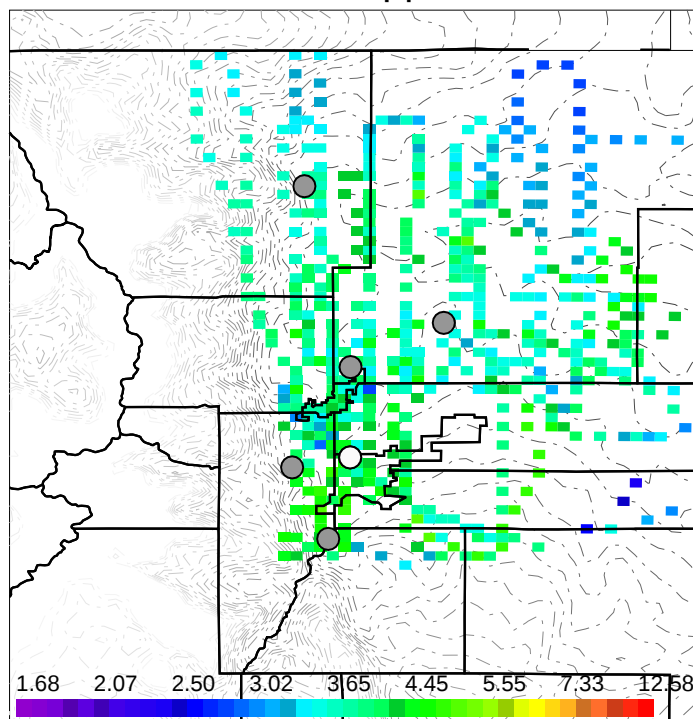




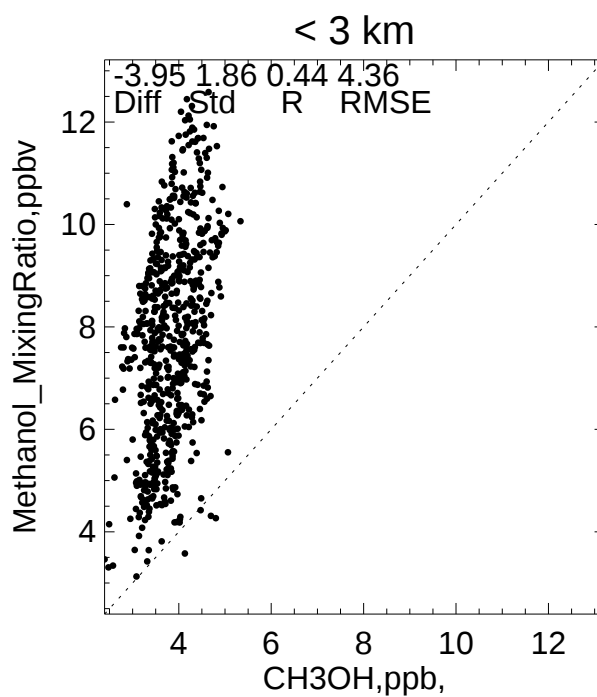
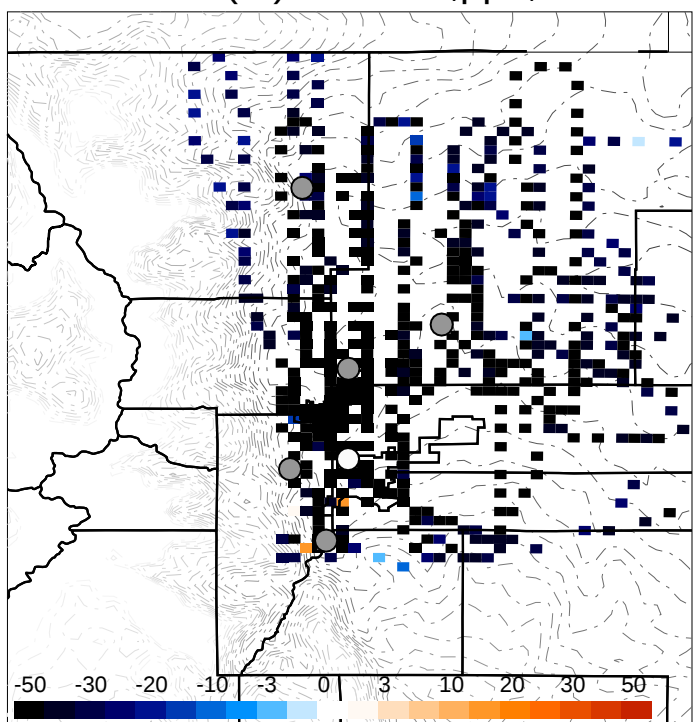
Methanol_MixingRatio,ppbv < 3 km



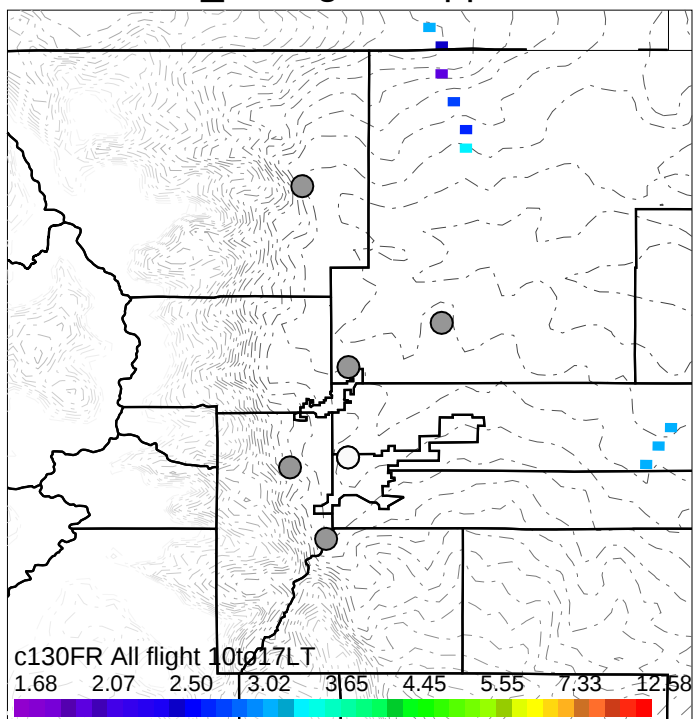
Model CH3OH,ppb, < 3 km



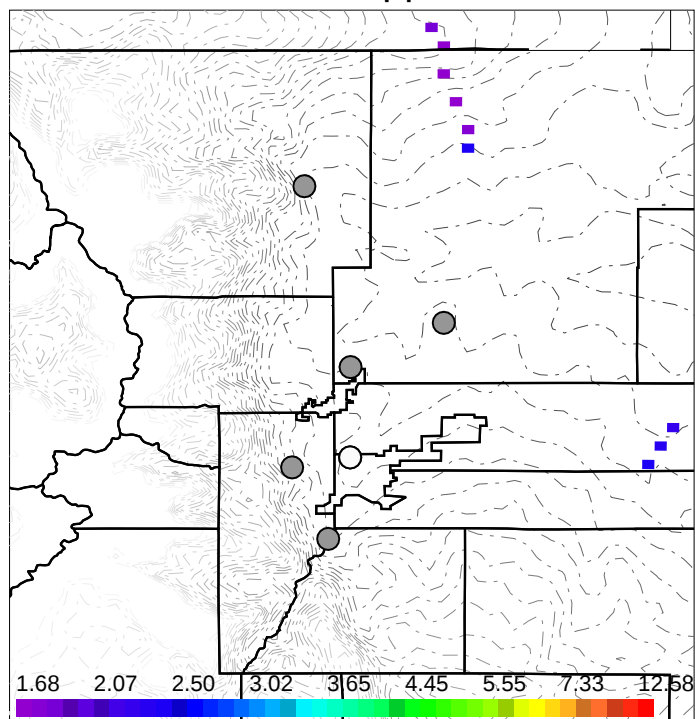
Model-Obs(%) CH3OH,ppb, < 3 km



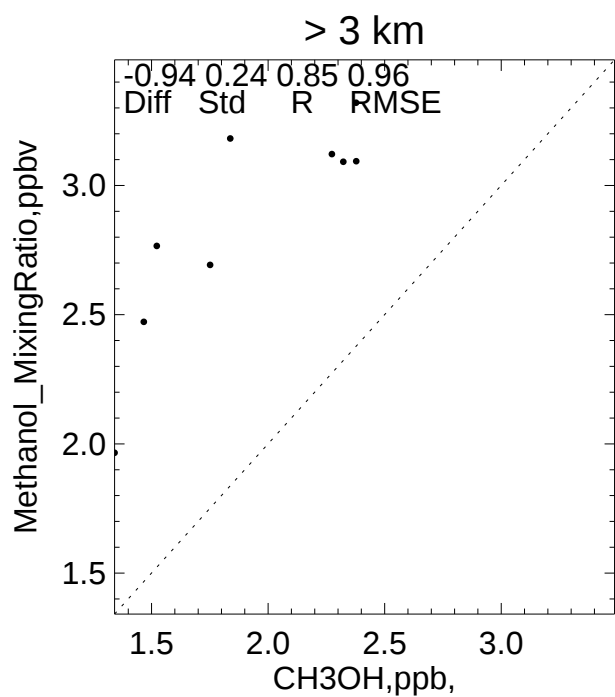
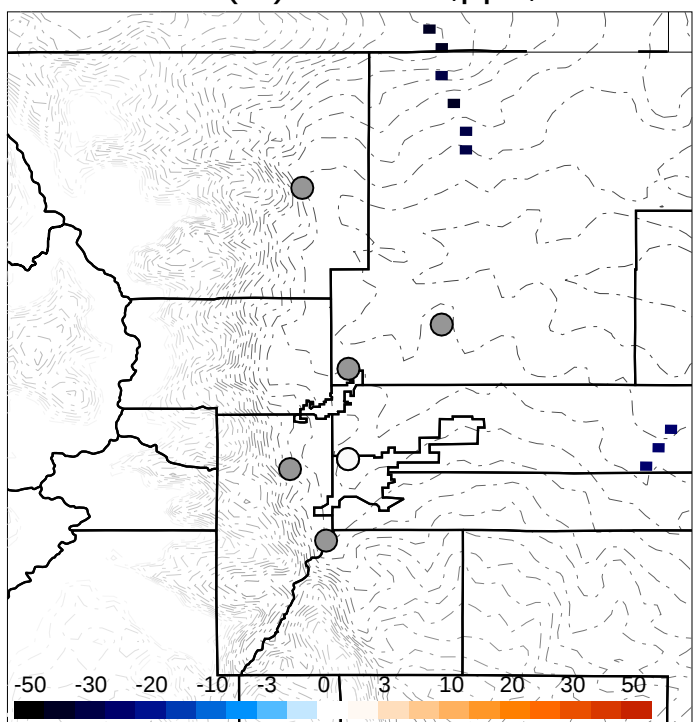
Methanol_MixingRatio,ppbv > 3 km



Model CH₃OH,ppb, > 3 km



Model-Obs(%) CH₃OH,ppb, > 3 km



c130FR All flight

