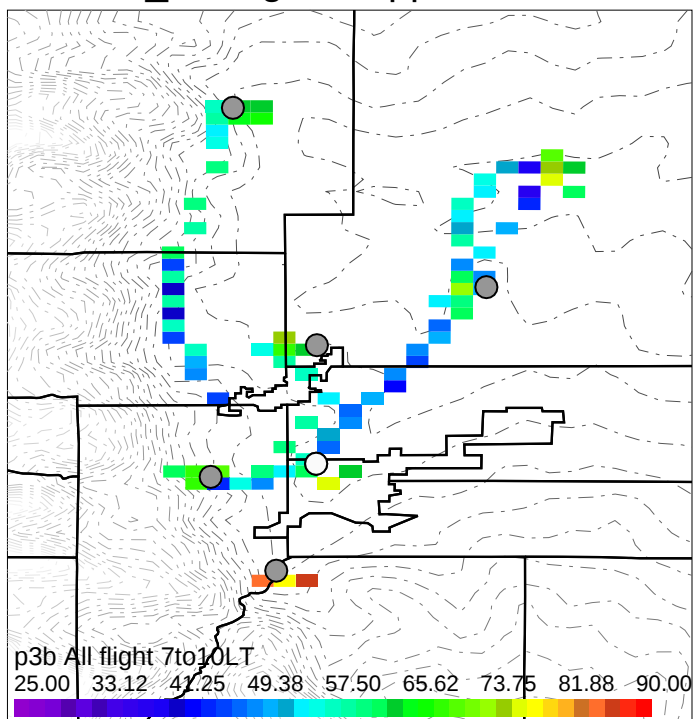
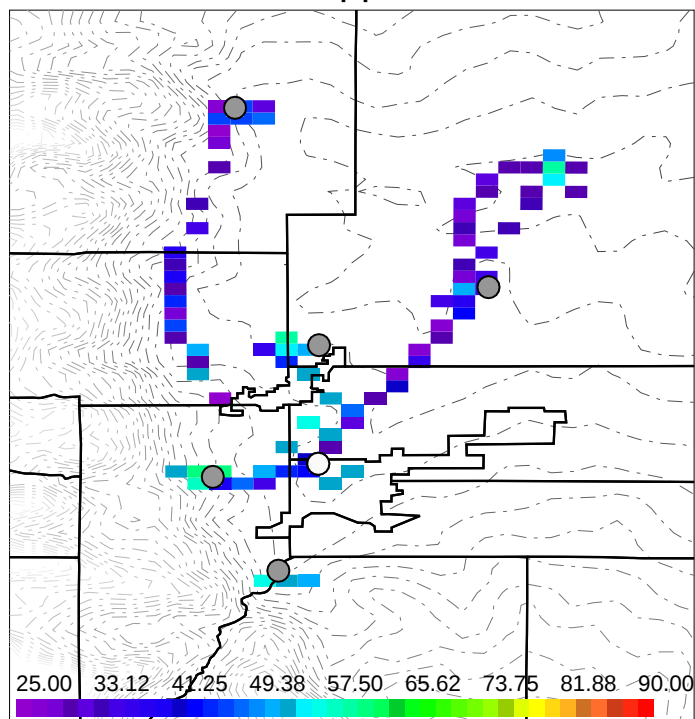


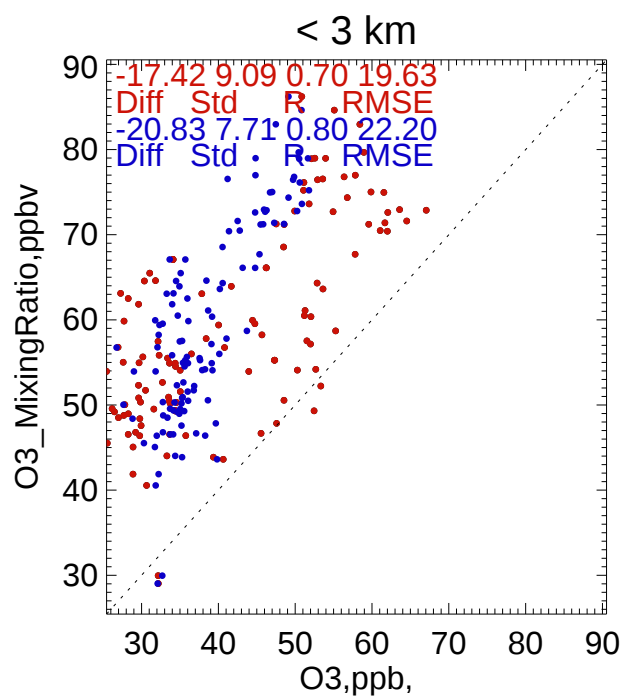
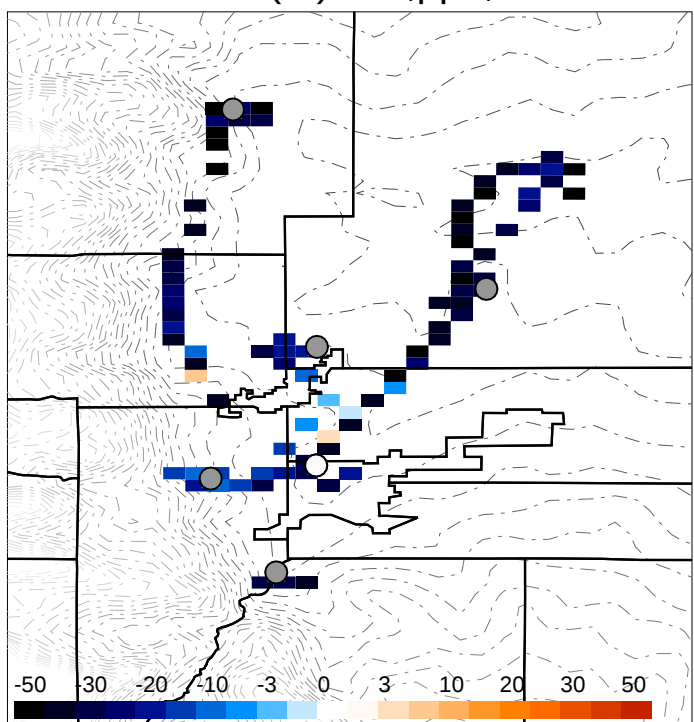
O3_MixingRatio,ppbv < 3 km



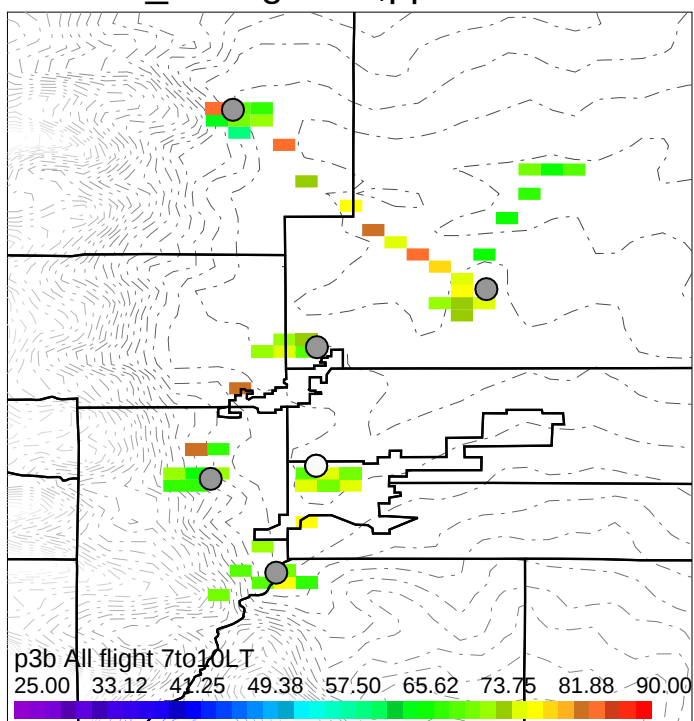
Model O3,ppb, < 3 km



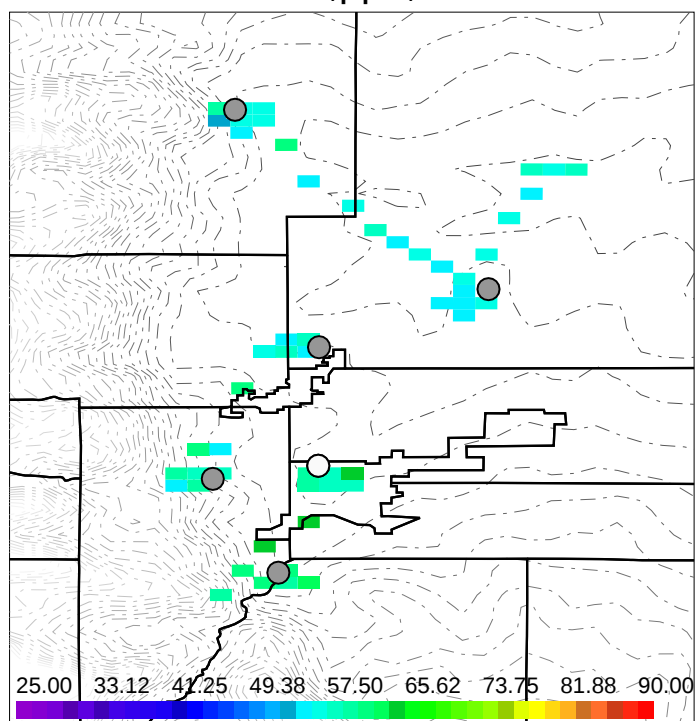
Model-Obs(%) O3,ppb, < 3 km



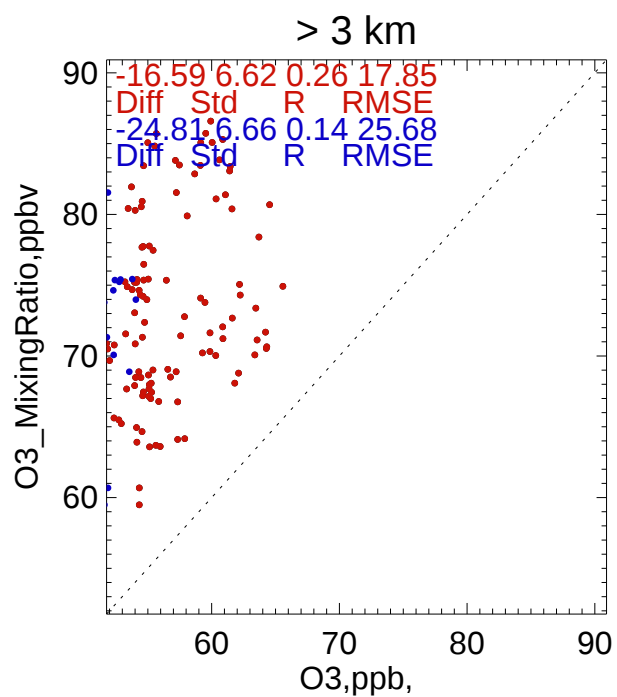
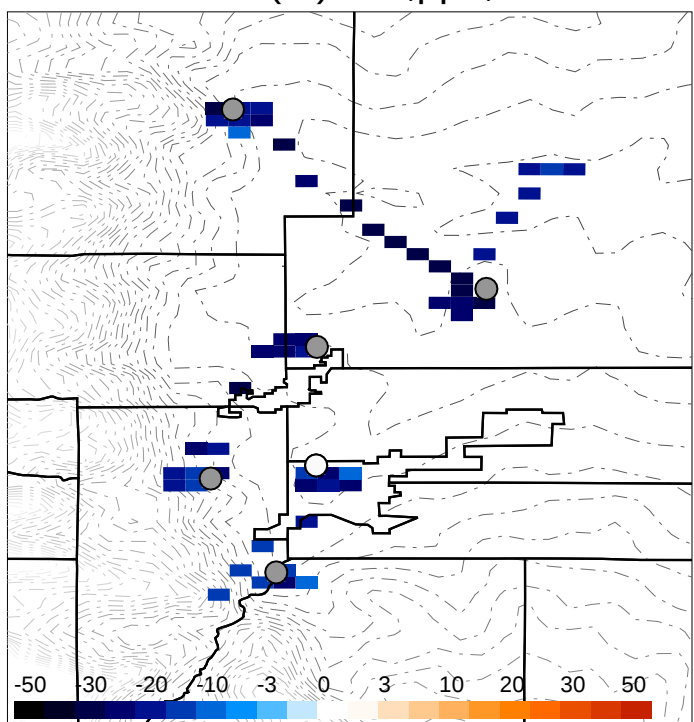
O3_MixingRatio,ppbv > 3 km



Model O3,ppb, > 3 km

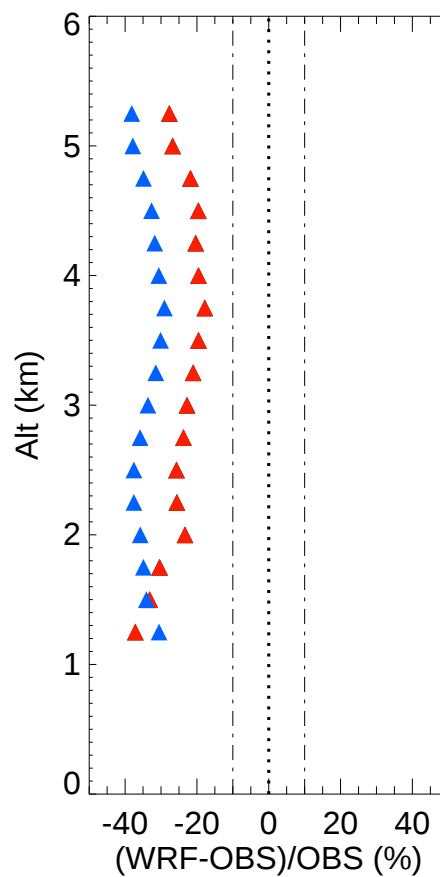
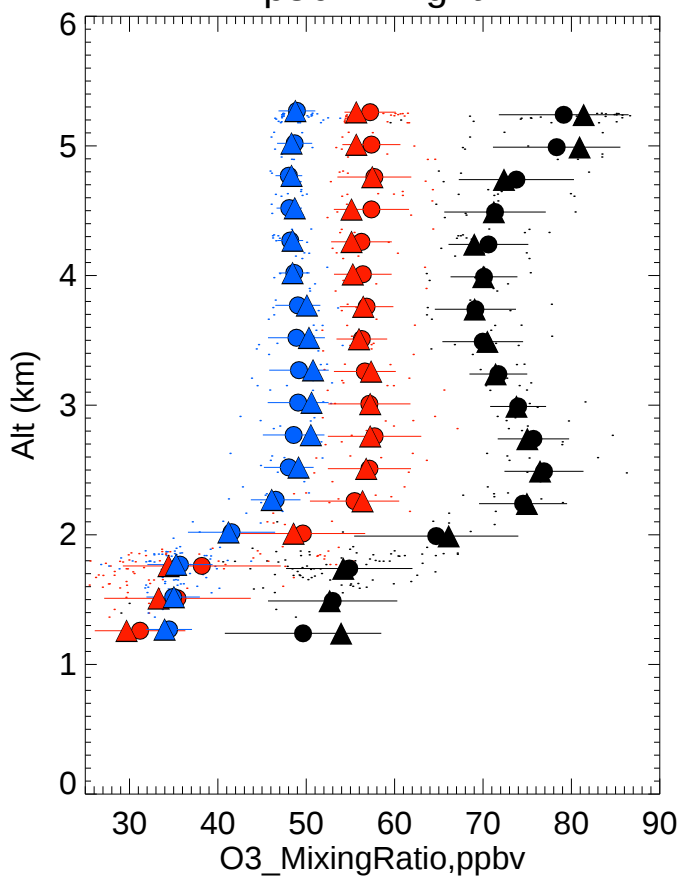
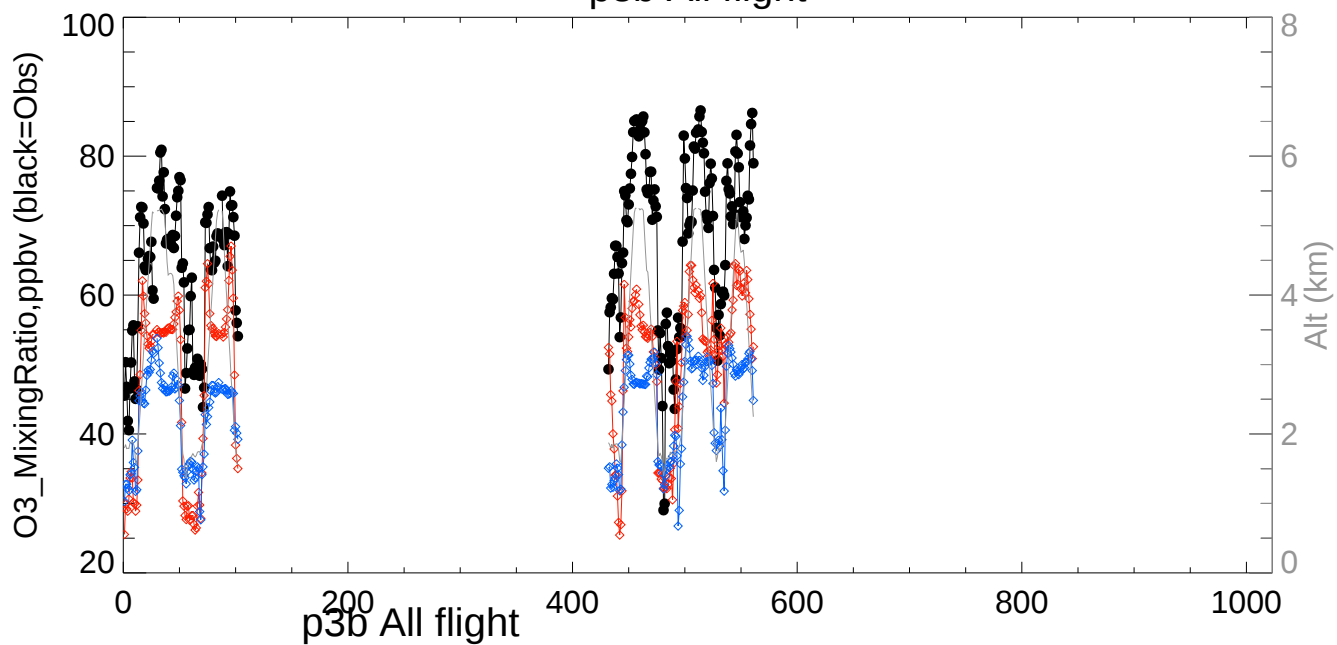


Model-Obs(%) O3,ppb, > 3 km

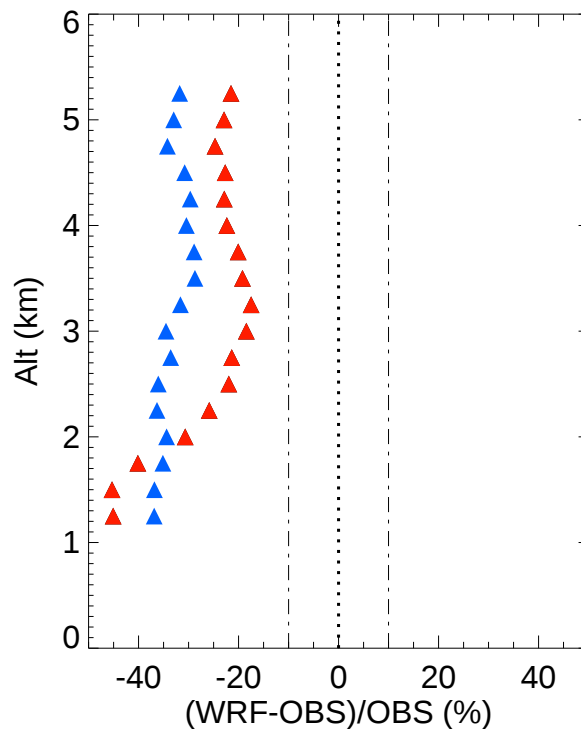
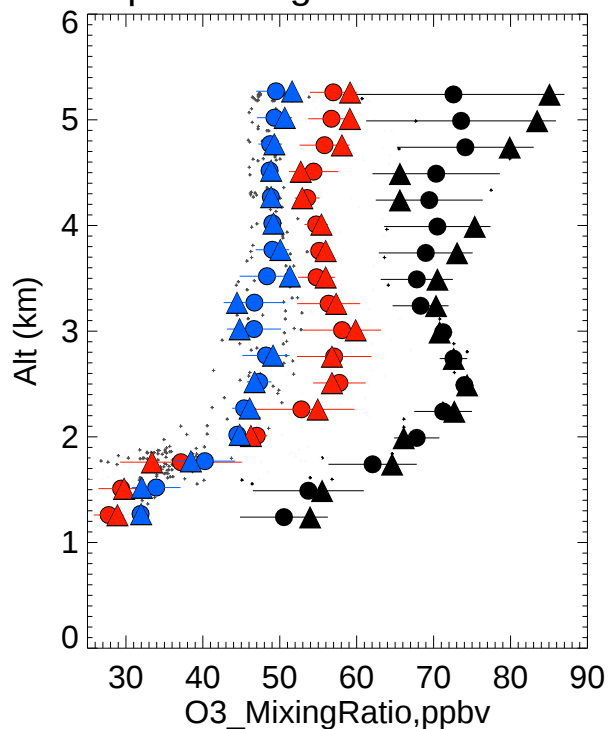


BTXv2ECMWFV4mozmozarRavan- 7to10LT

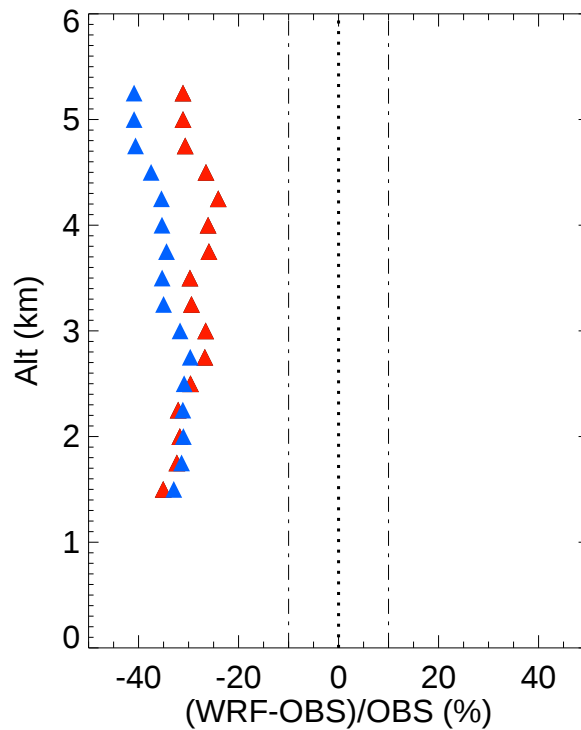
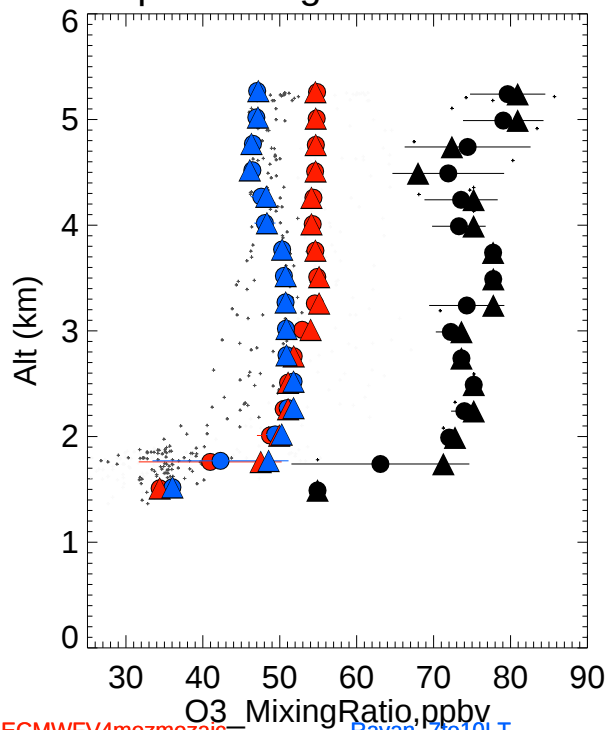
p3b All flight

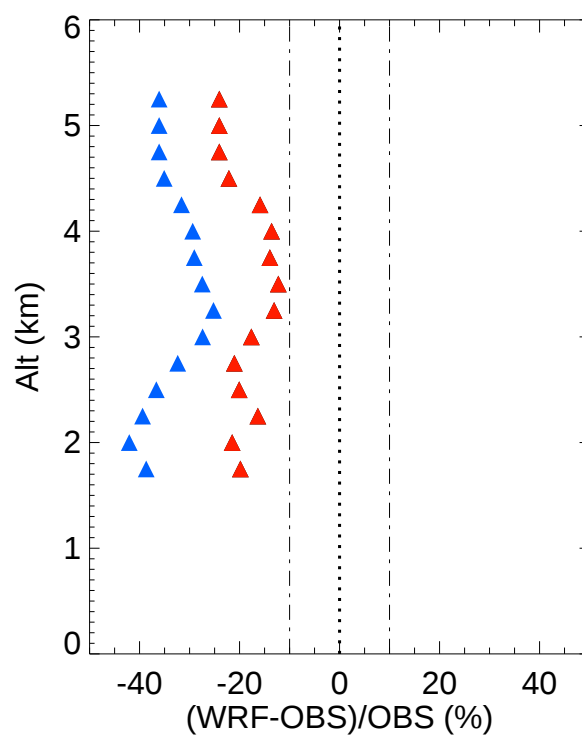
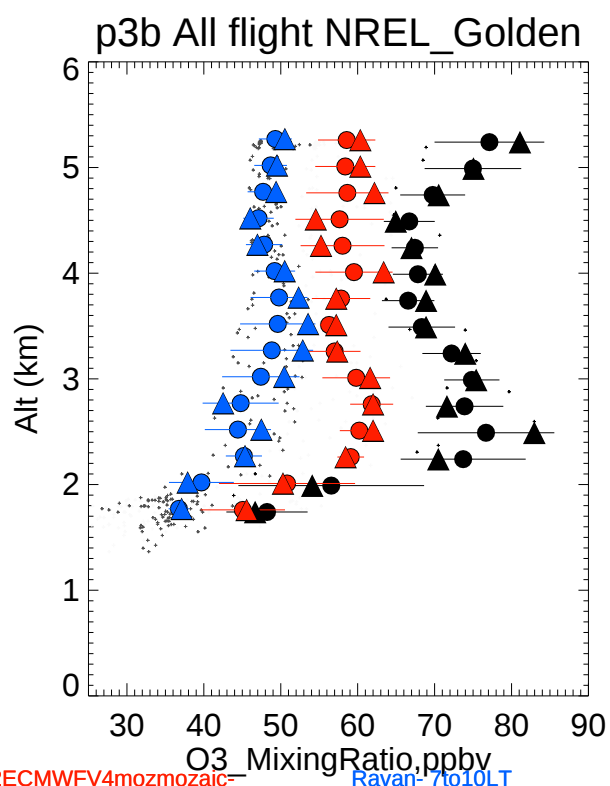
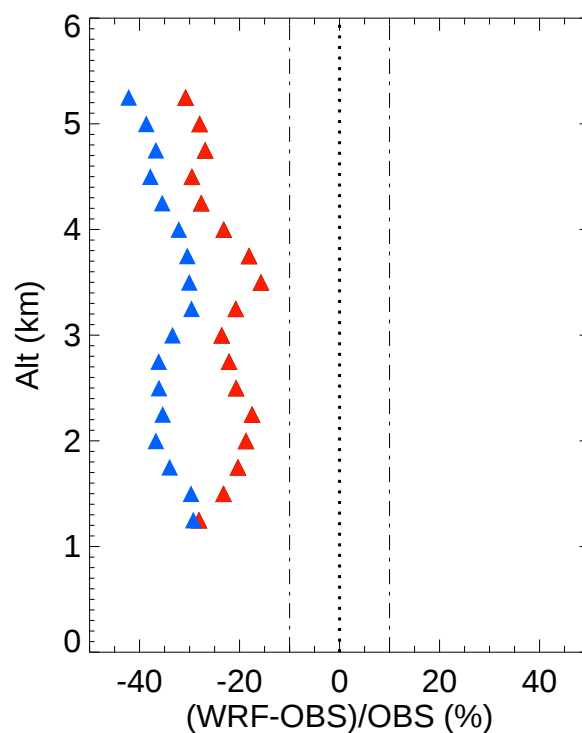
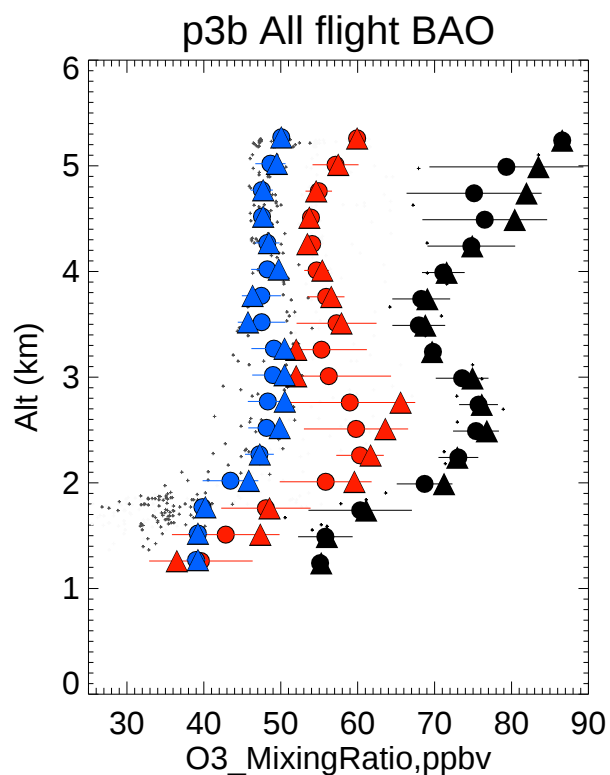


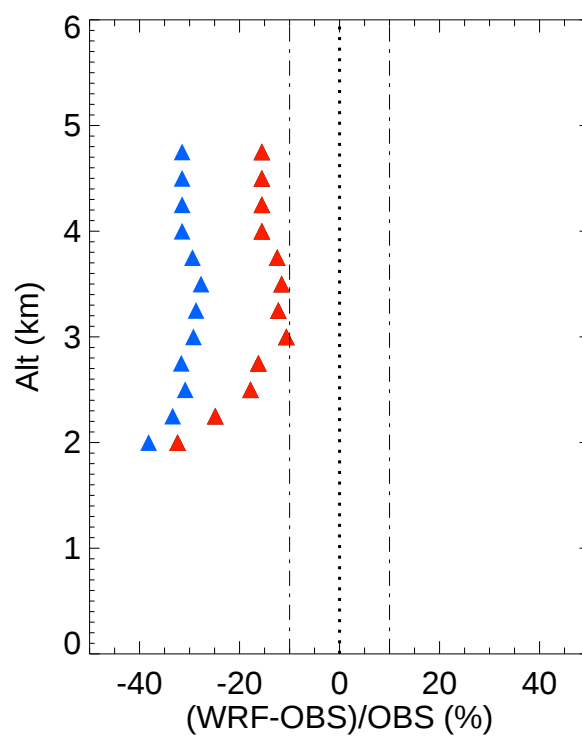
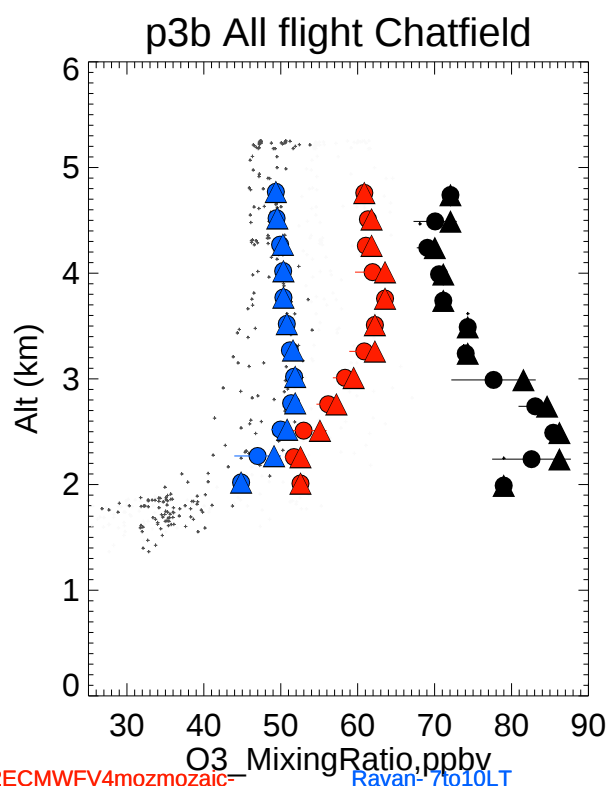
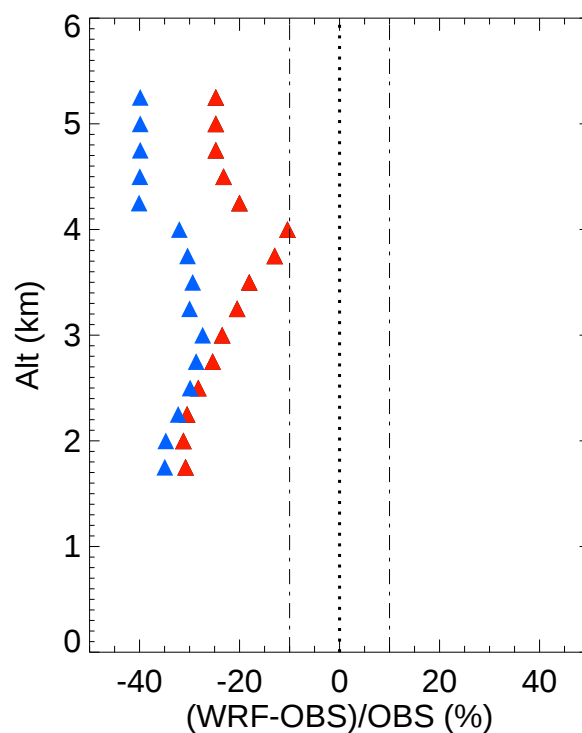
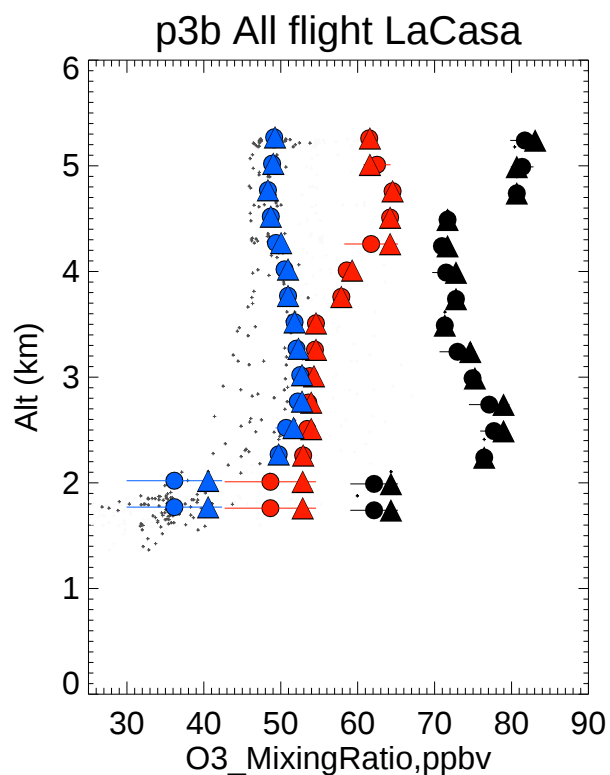
p3b All flight FortCollins



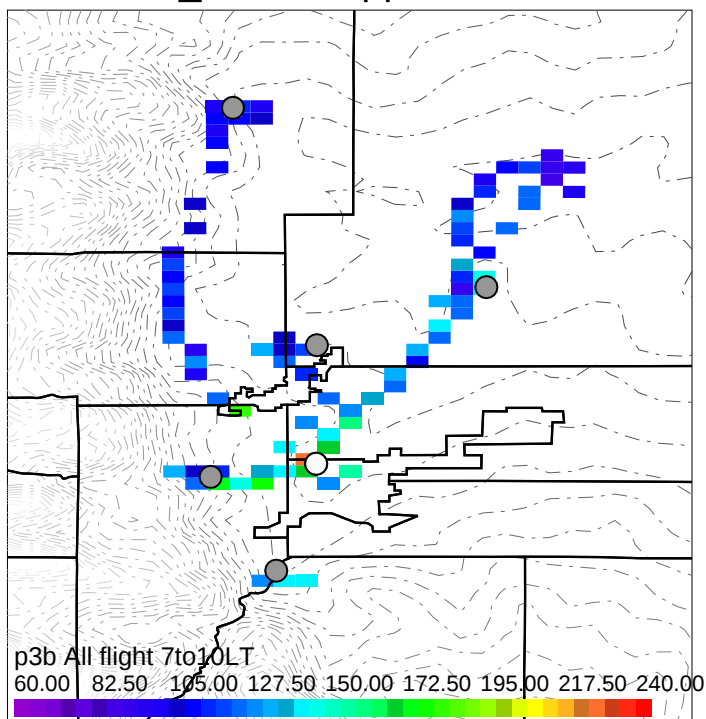
p3b All flight Platteville



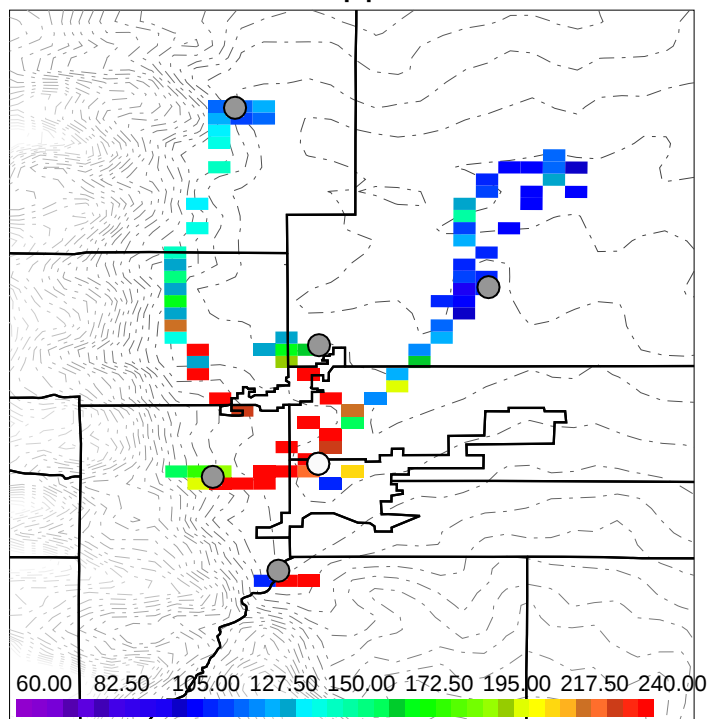




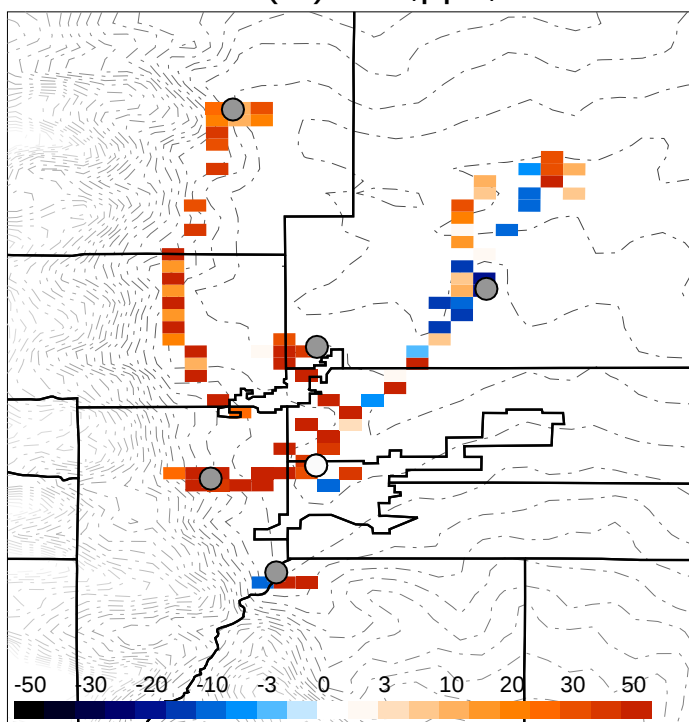
CO_DACOM,ppbv < 3 km



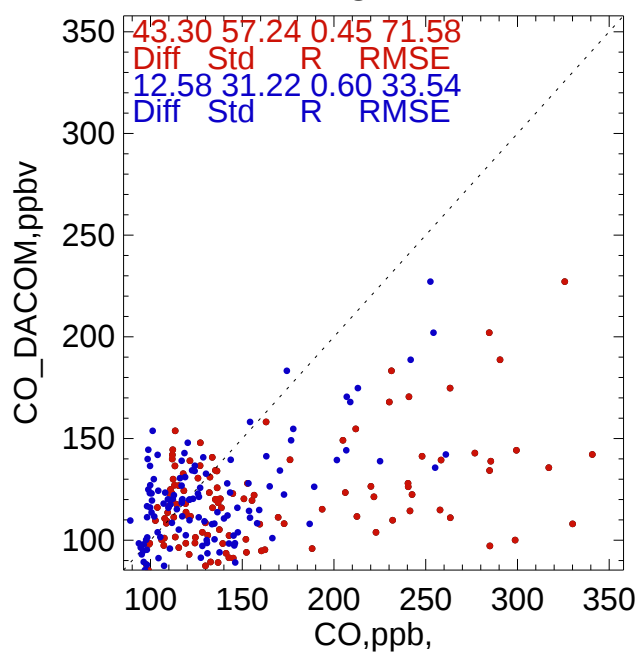
Model CO,ppb, < 3 km



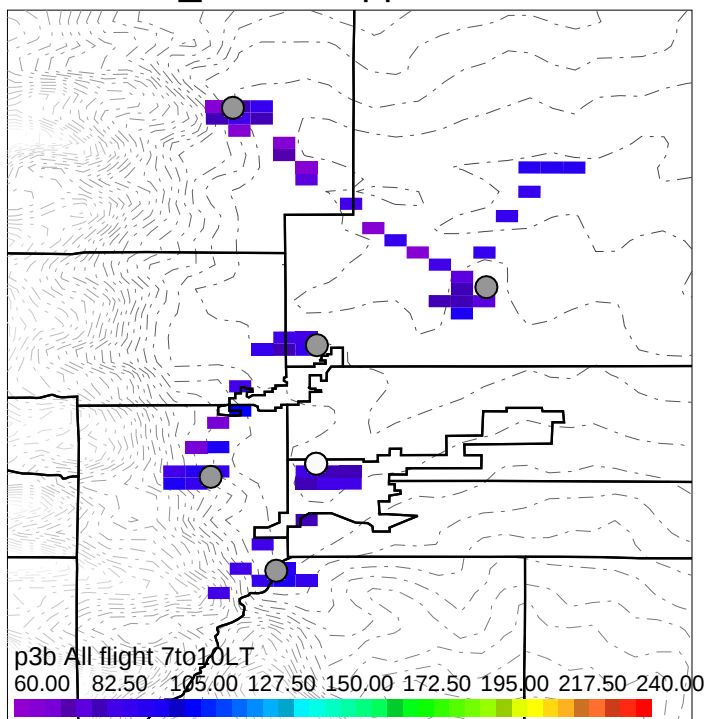
Model-Obs(%) CO,ppb, < 3 km



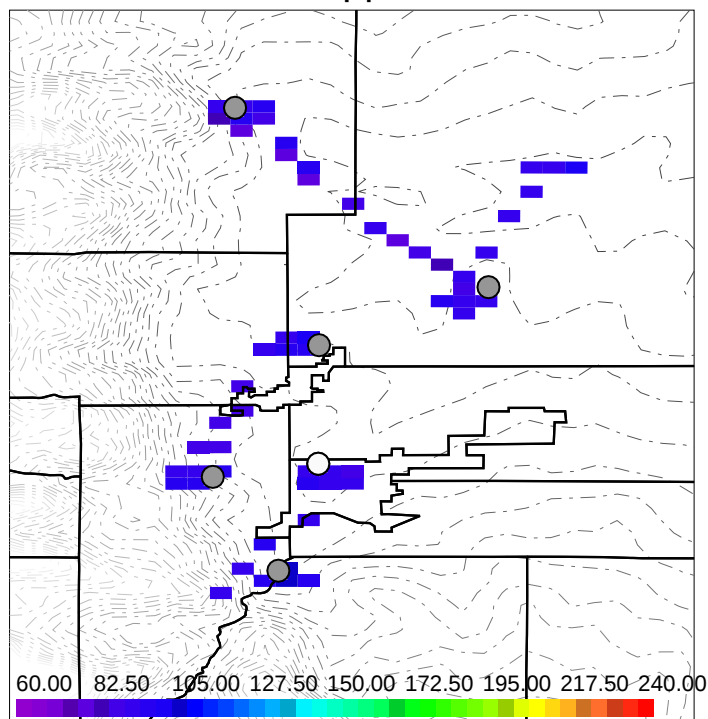
< 3 km



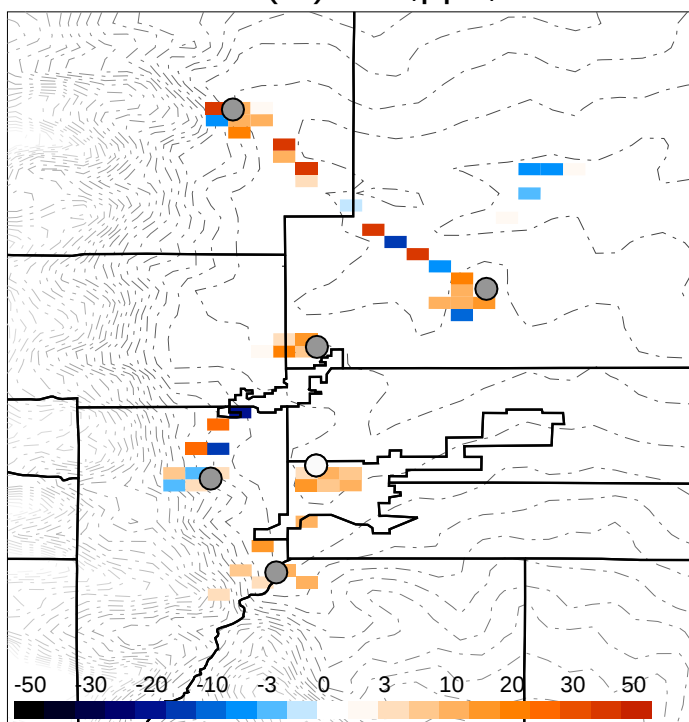
CO_DACOM,ppbv > 3 km



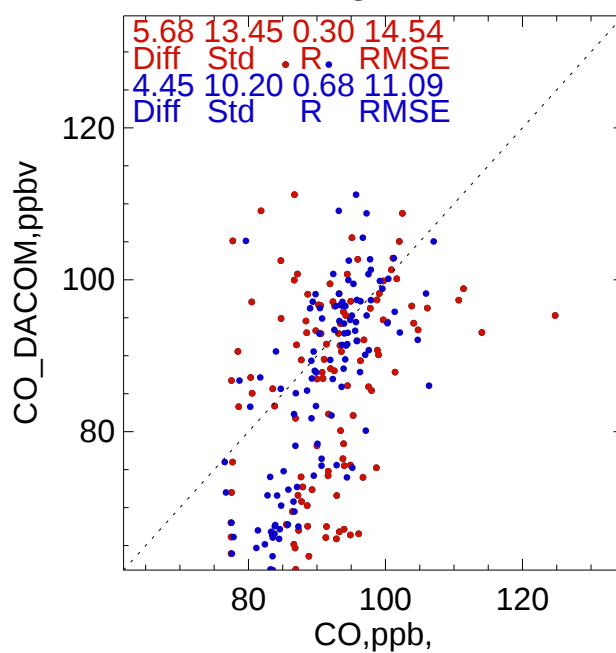
Model CO,ppb, > 3 km



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

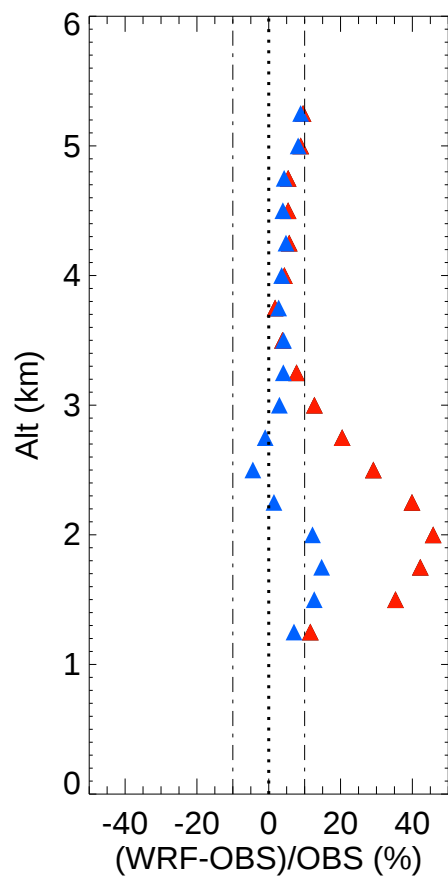
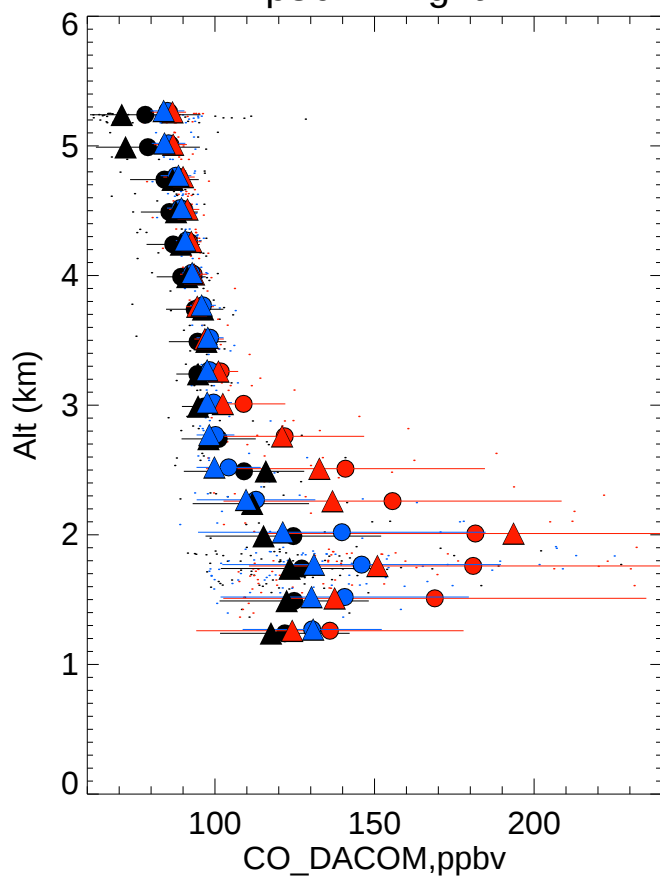
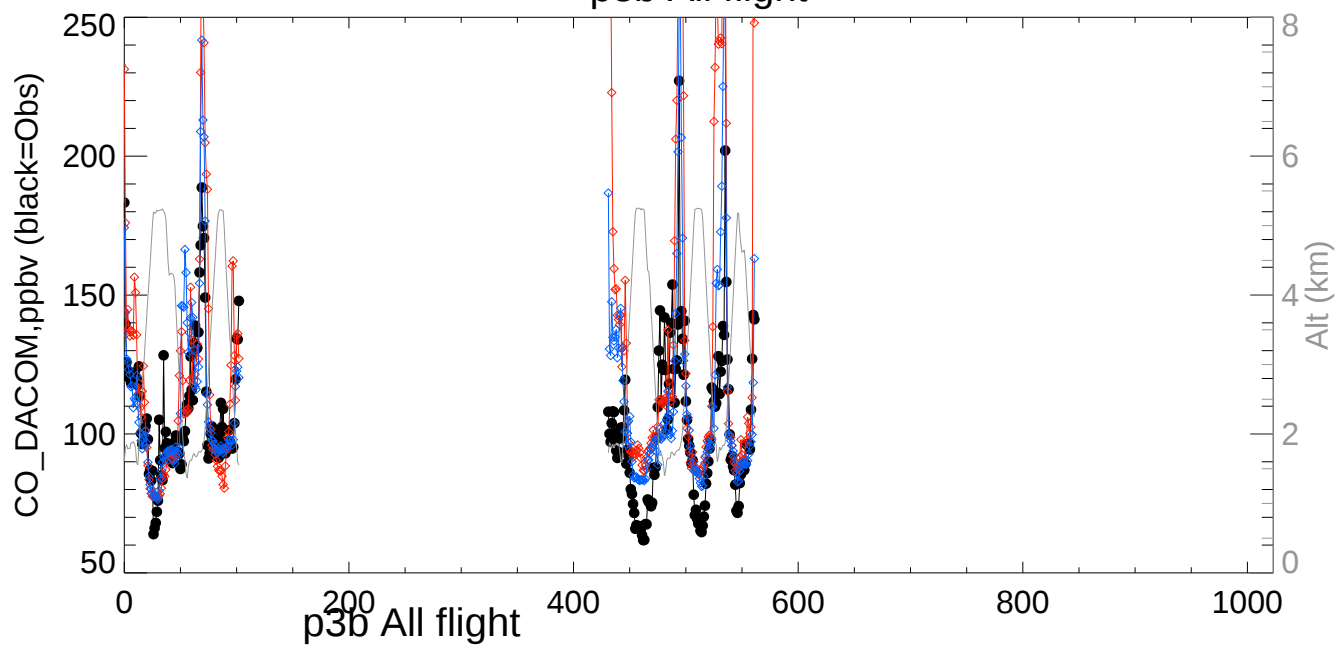


> 3 km

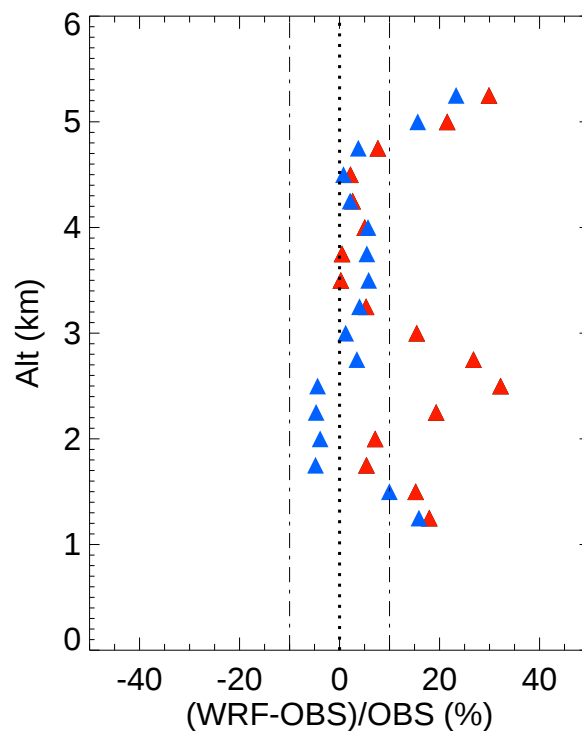
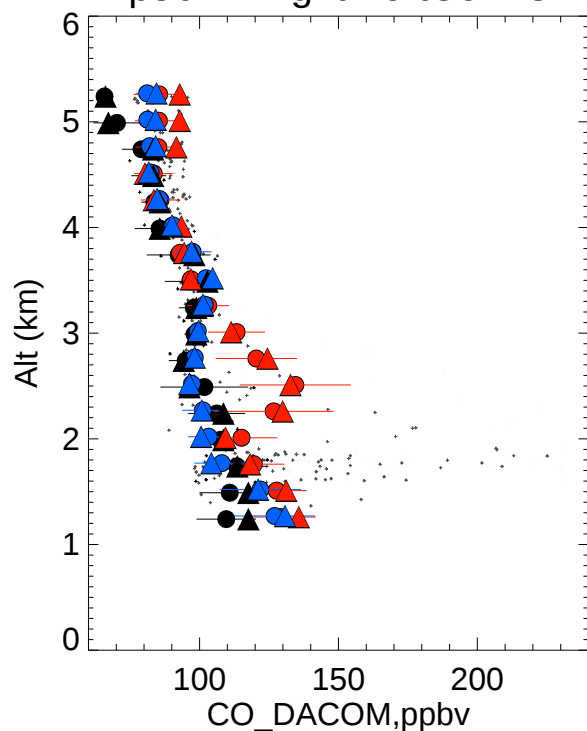


BTXv2ECMWFV4mozmozRavan- 7to10LT

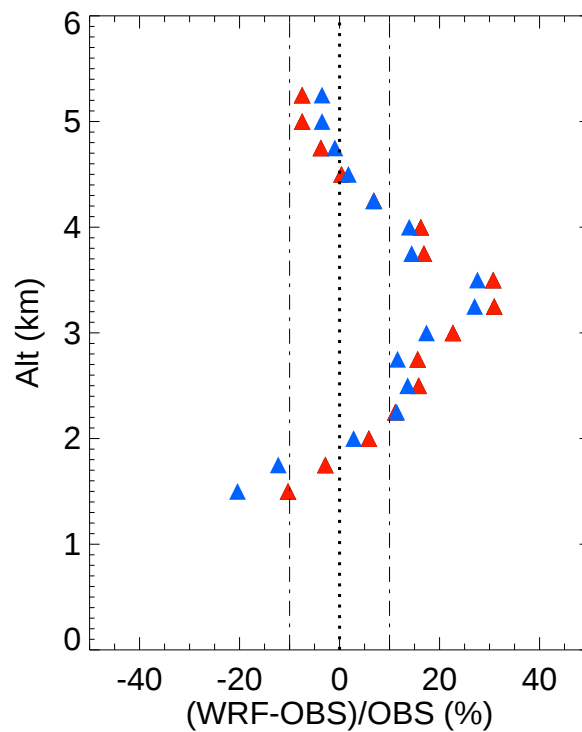
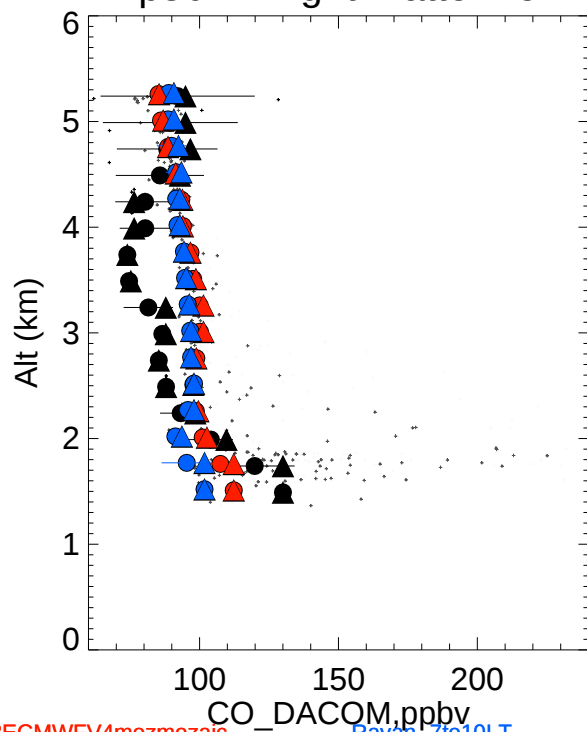
p3b All flight

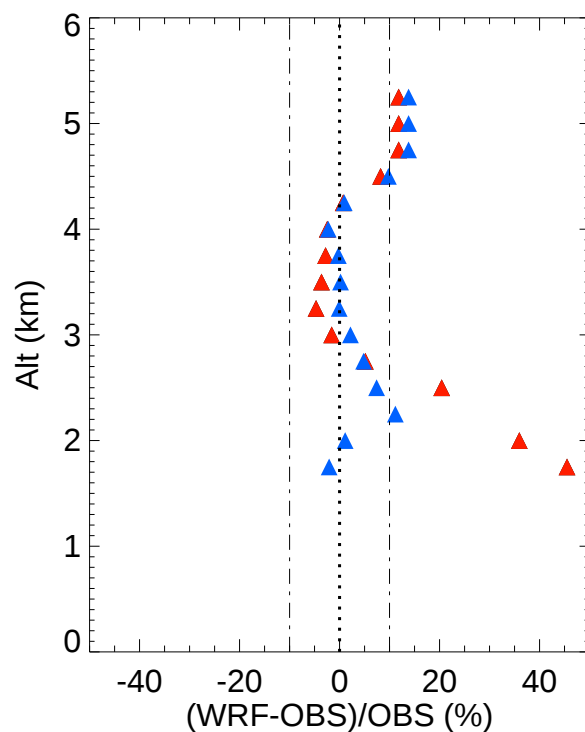
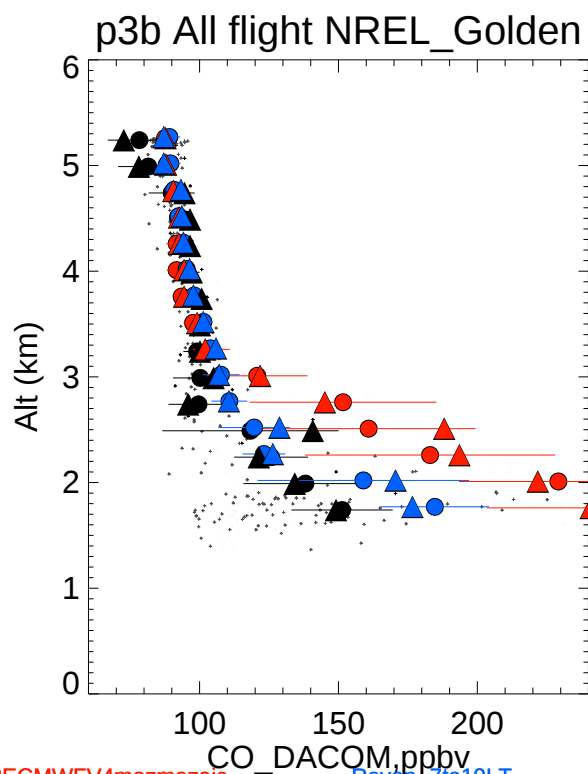
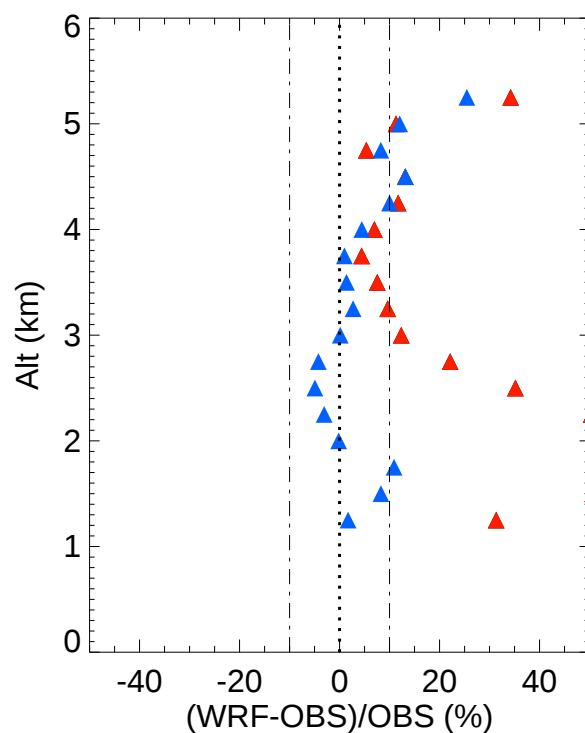
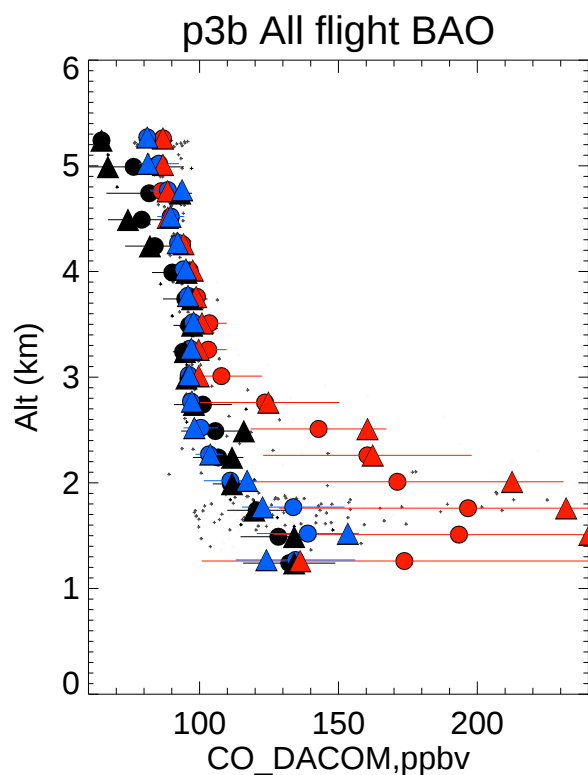


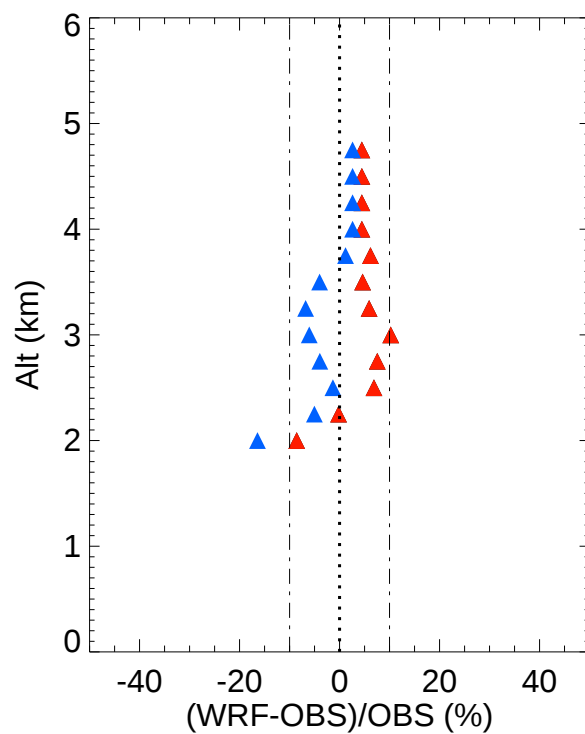
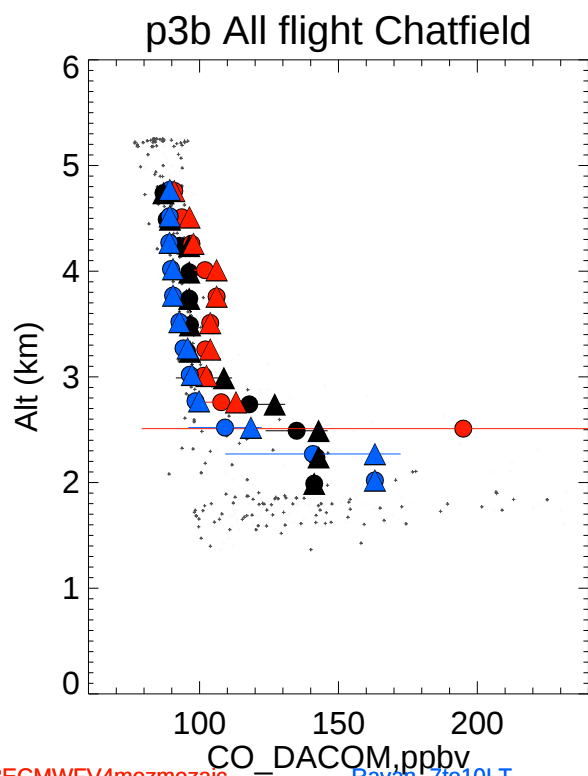
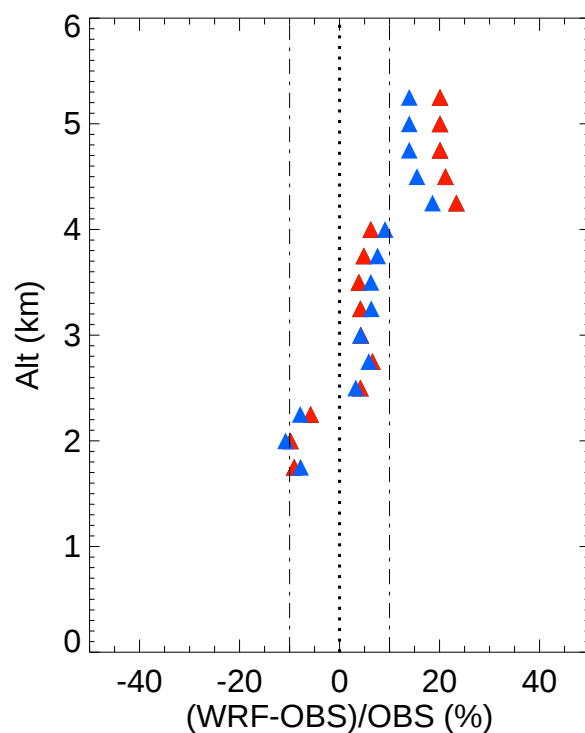
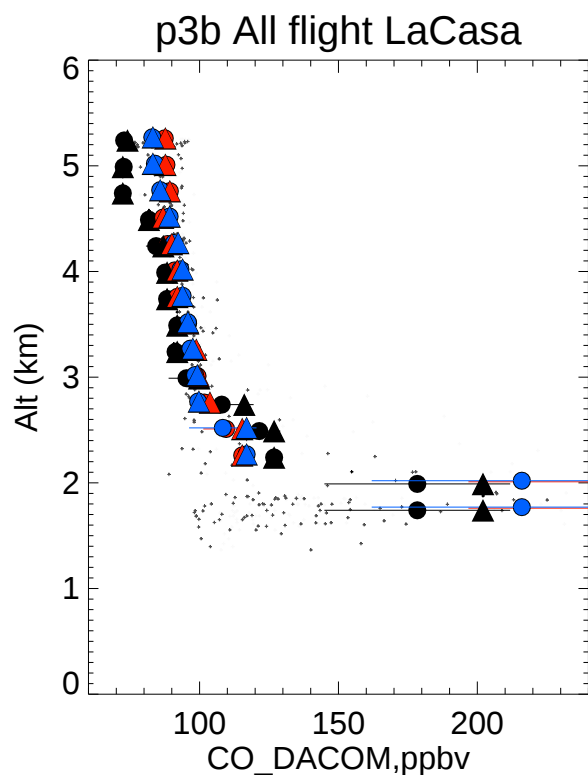
p3b All flight FortCollins



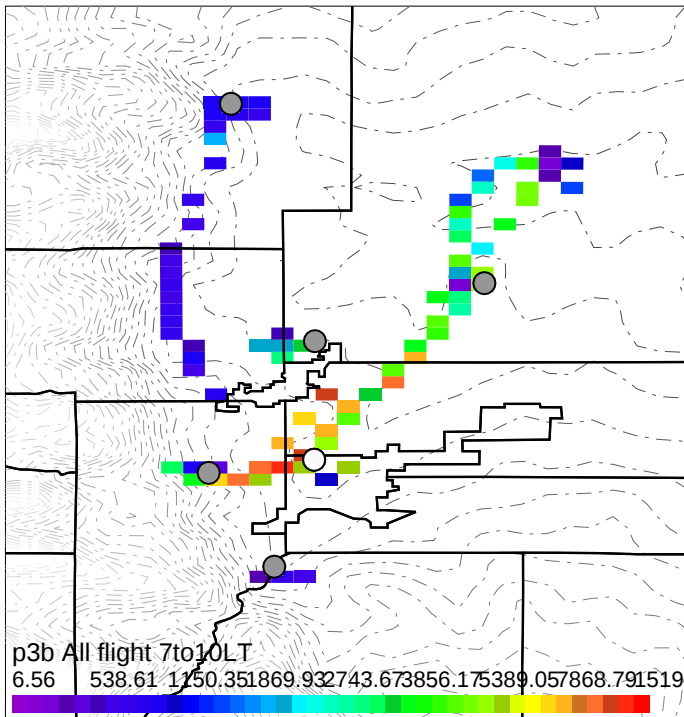
p3b All flight Platteville



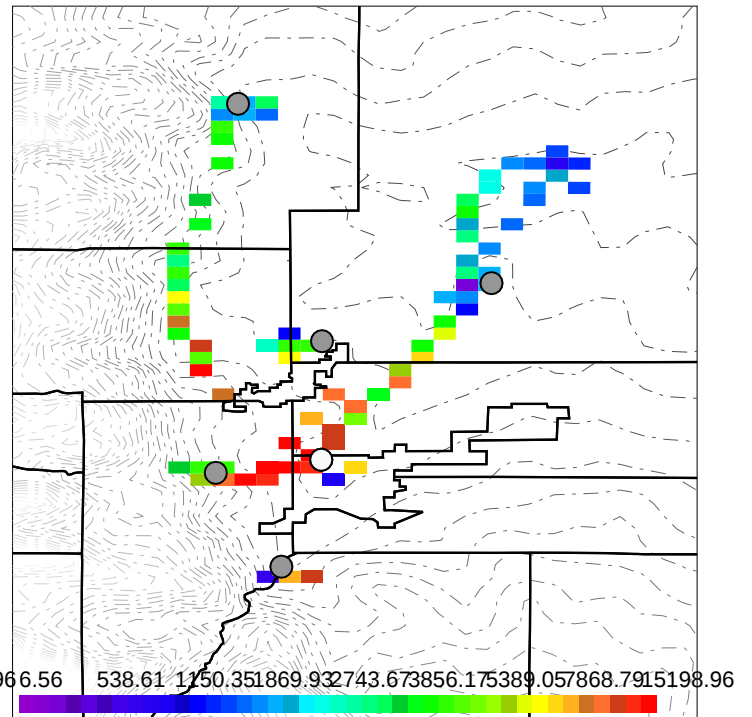




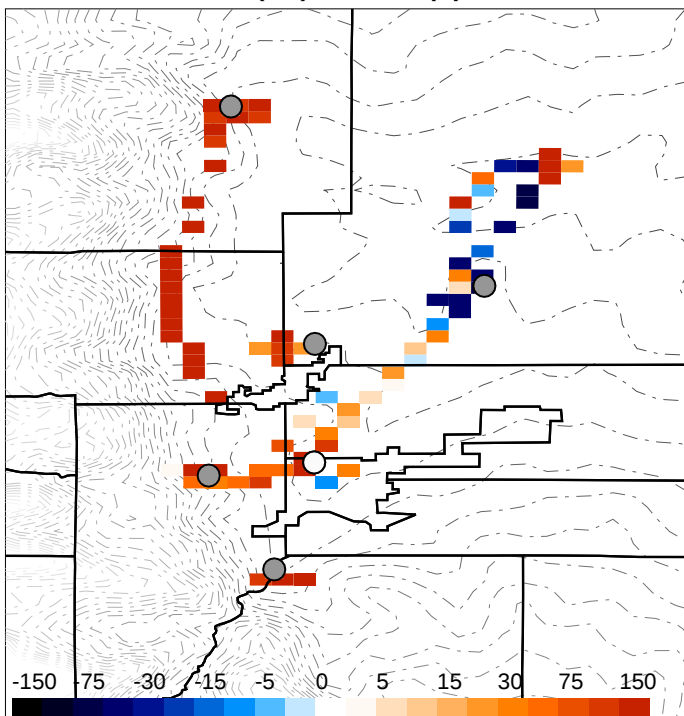
NO2_MixingRatio,pptv < 3 km



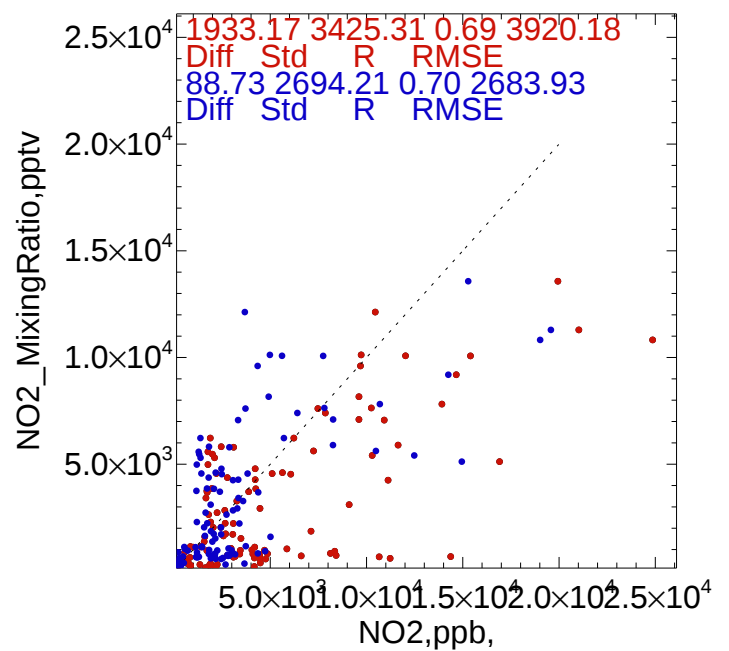
Model NO2,ppb, < 3 km



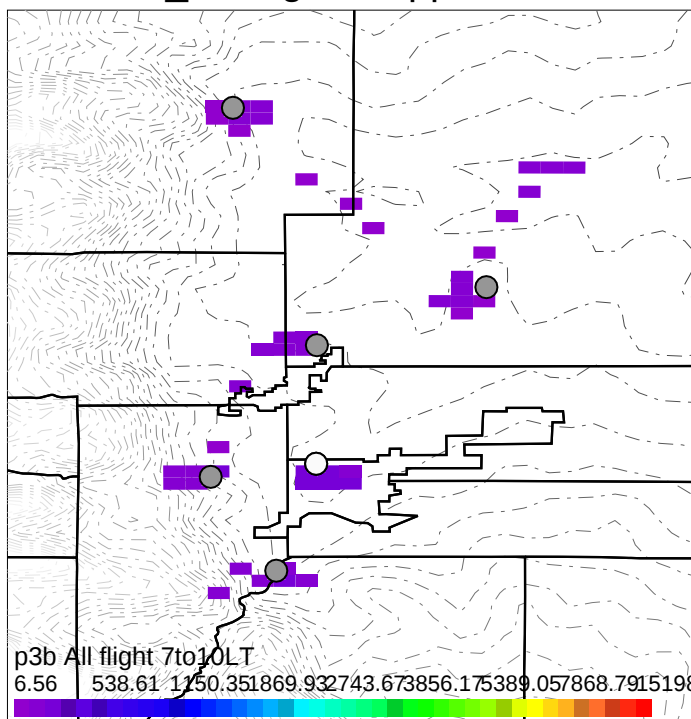
Model-Obs(%) NO2,ppb, < 3 km



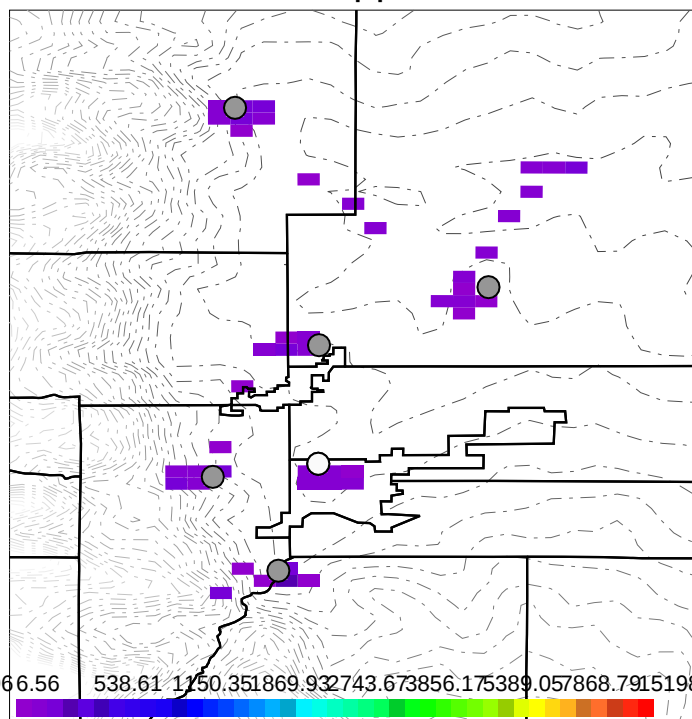
< 3 km



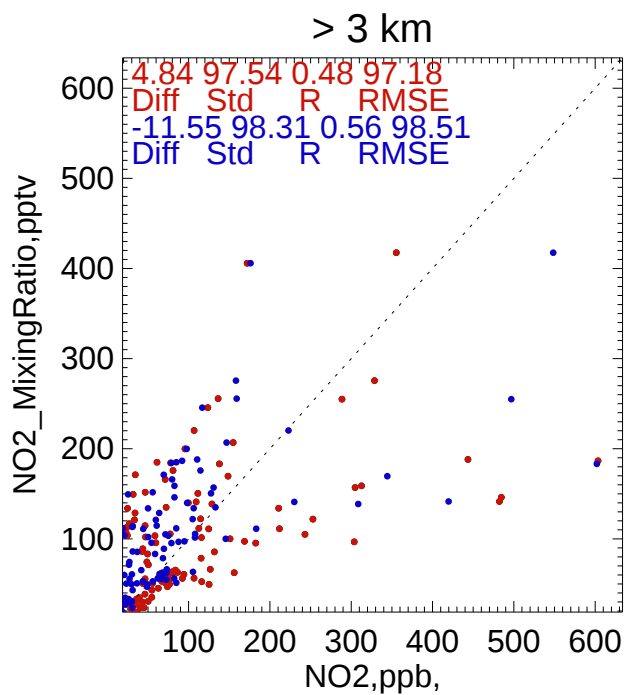
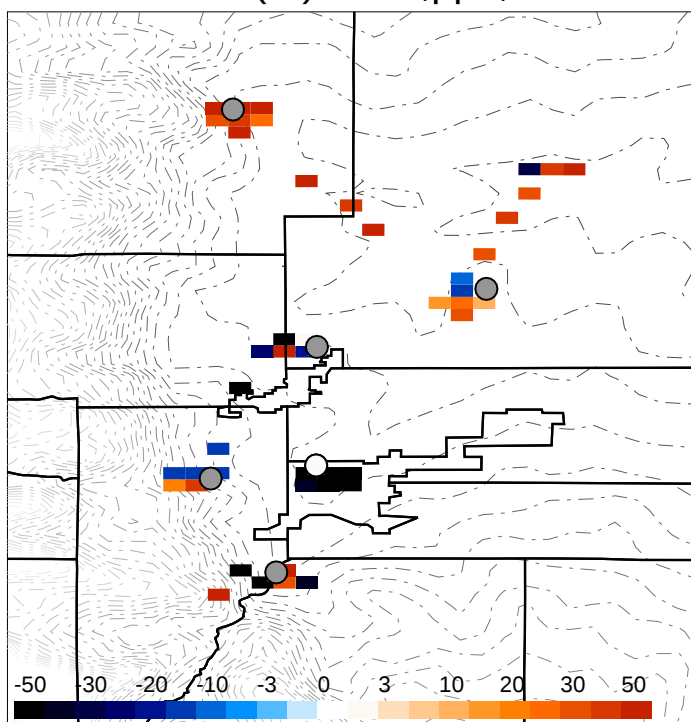
NO2_MixingRatio,pptv > 3 km



Model NO2,ppb, > 3 km



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

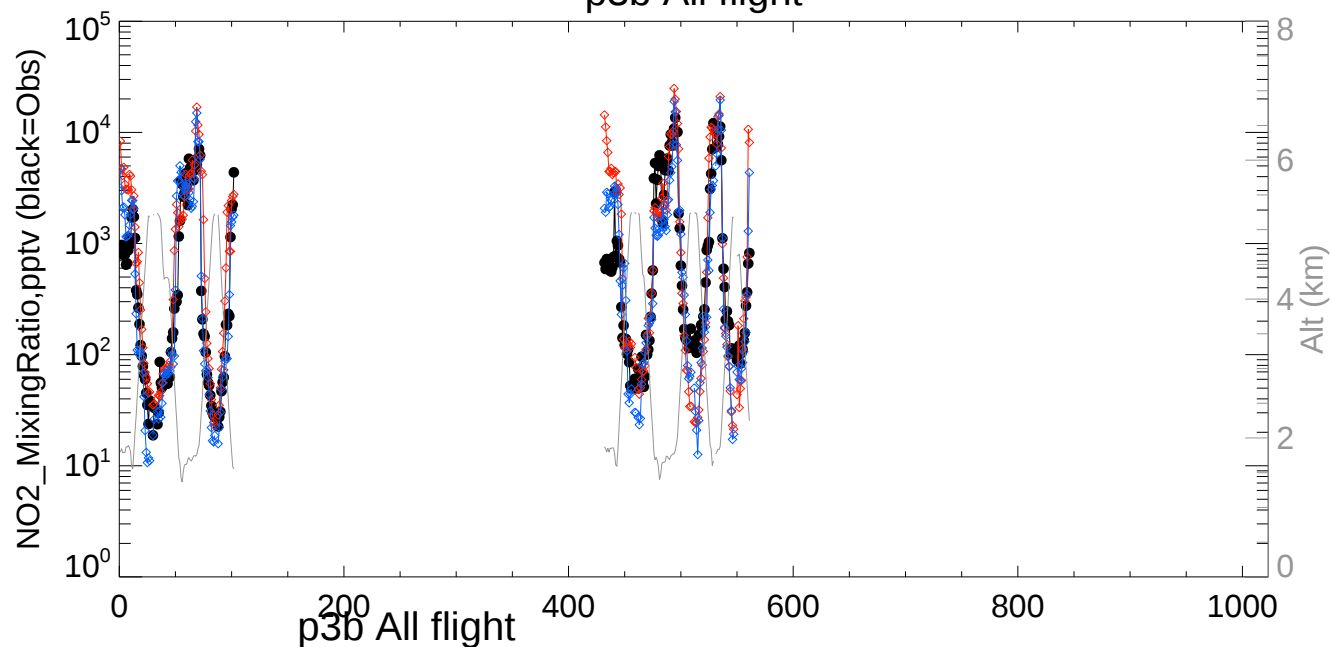


BTXv2ECMWFV4mozmozaic-

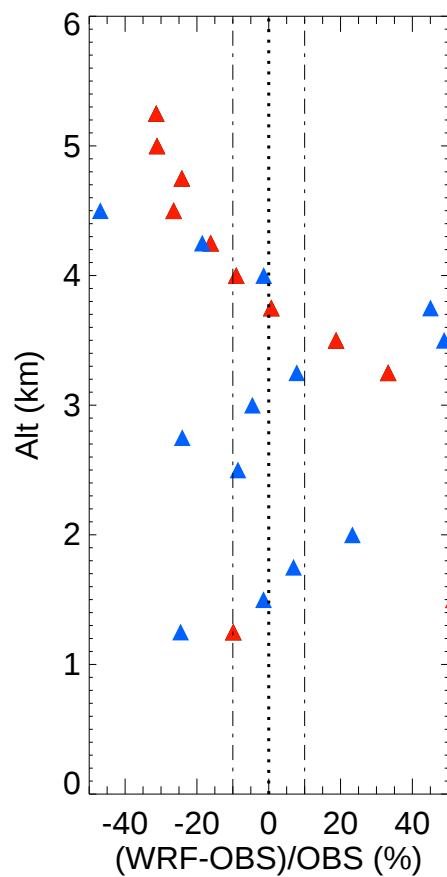
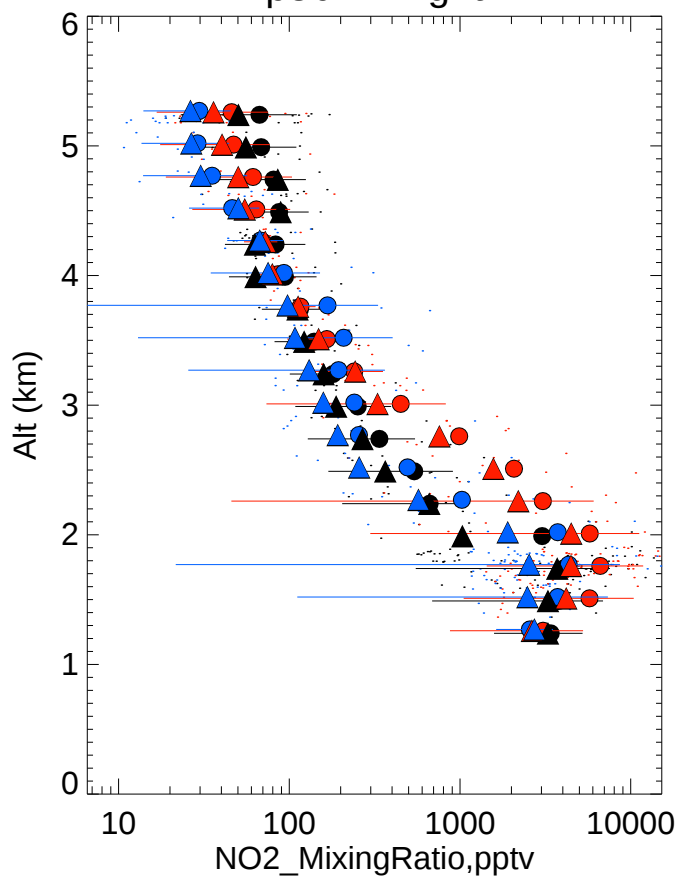
Ravan- 7to10LT

BTXv2ECMWFV4mozmozRavan- 7to10LT

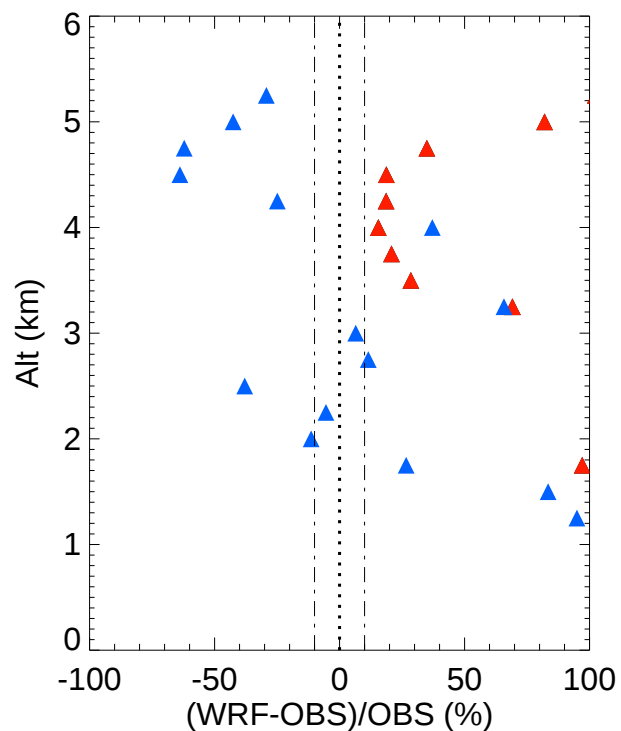
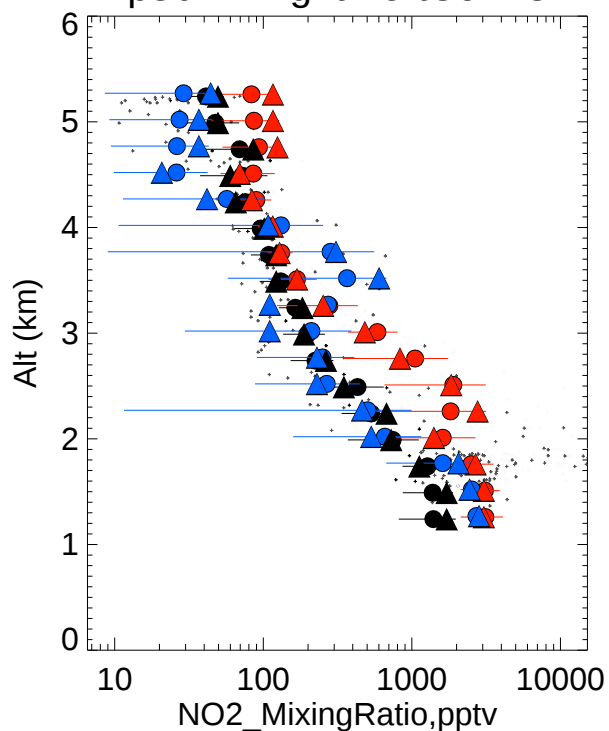
p3b All flight



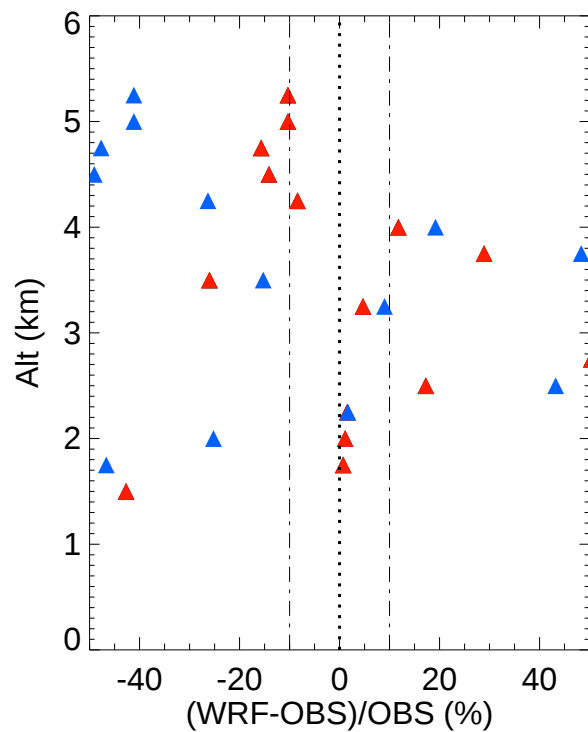
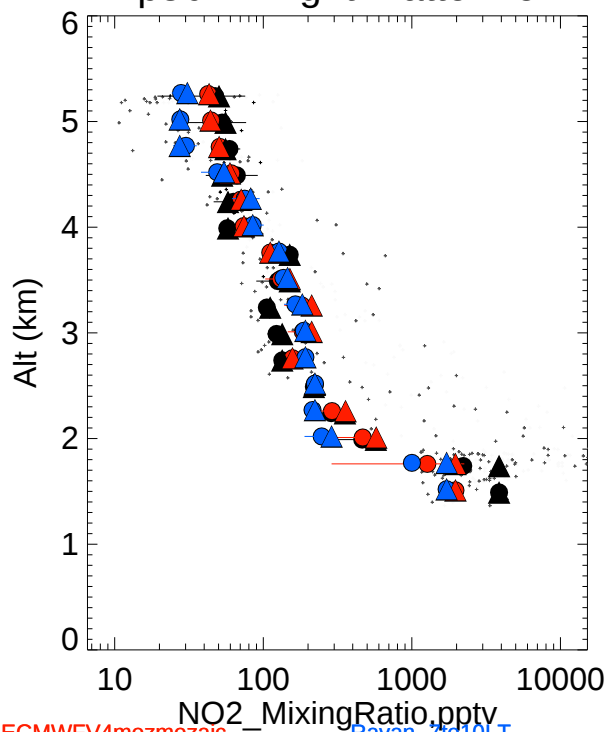
p3b All flight

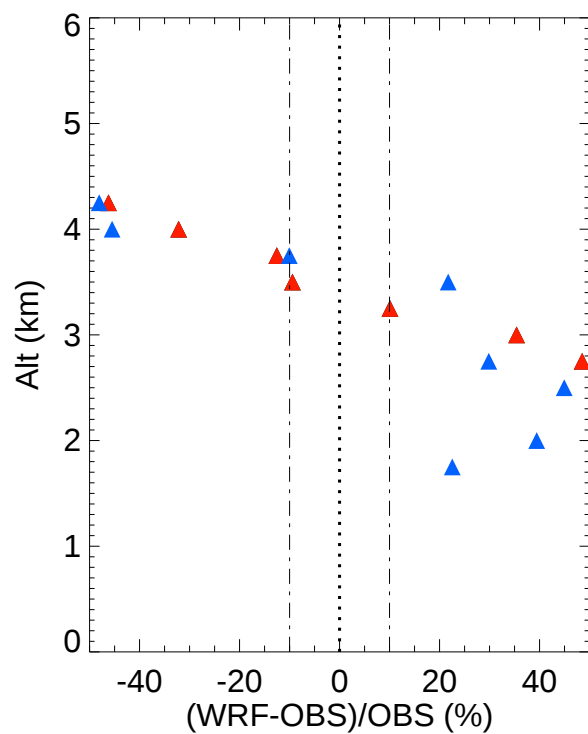
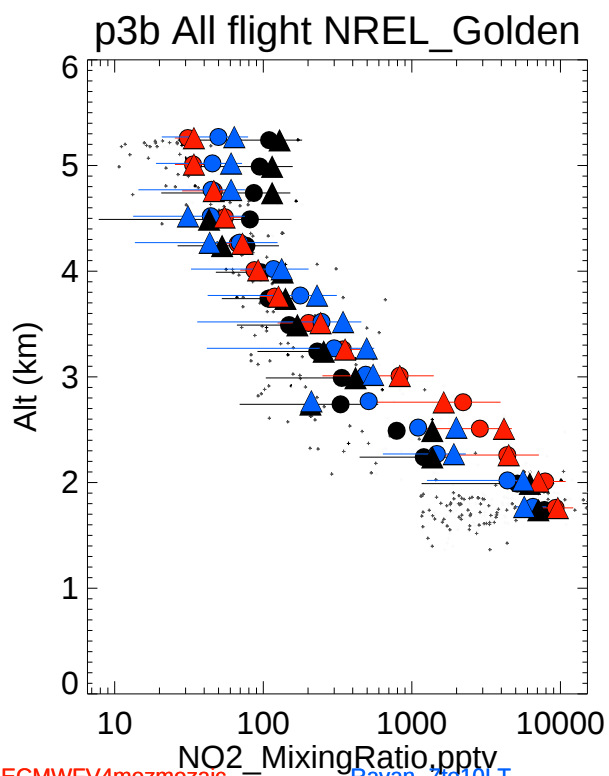
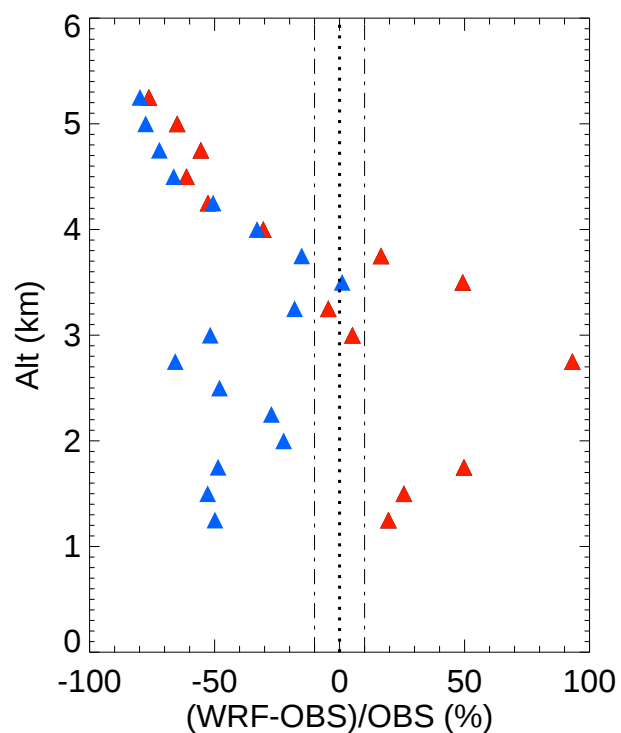
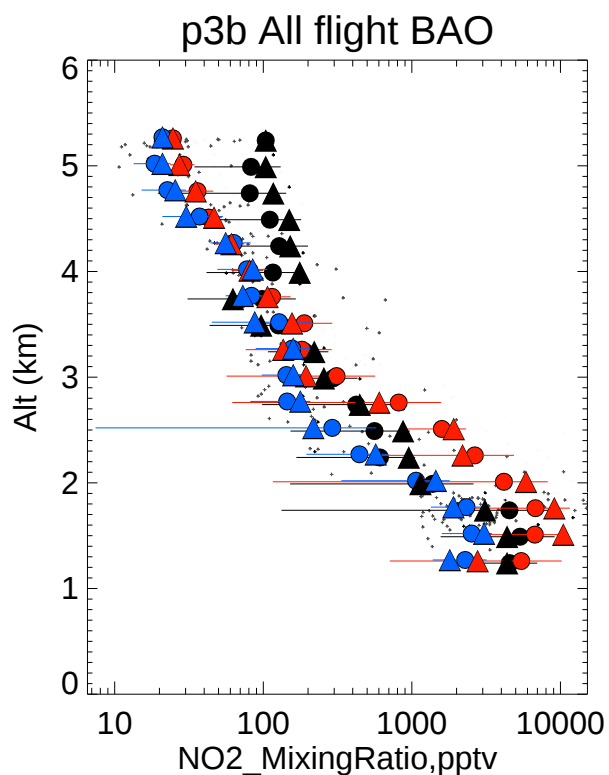


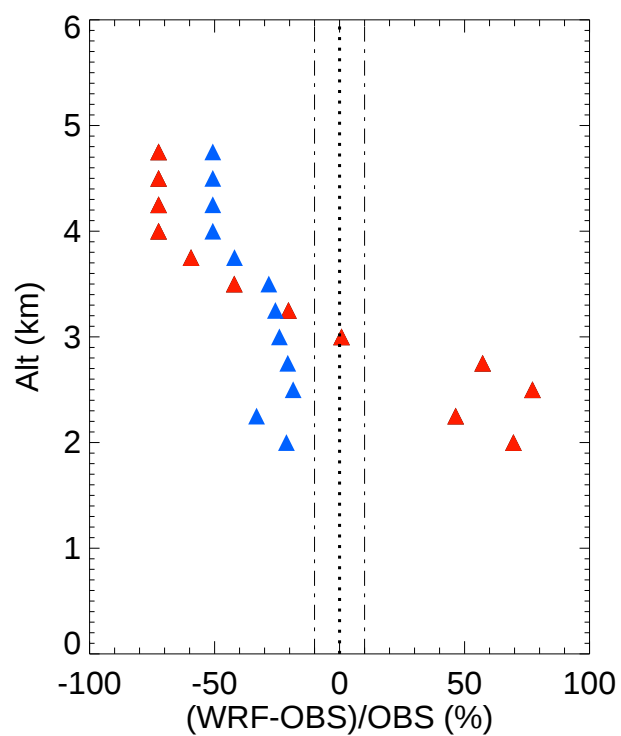
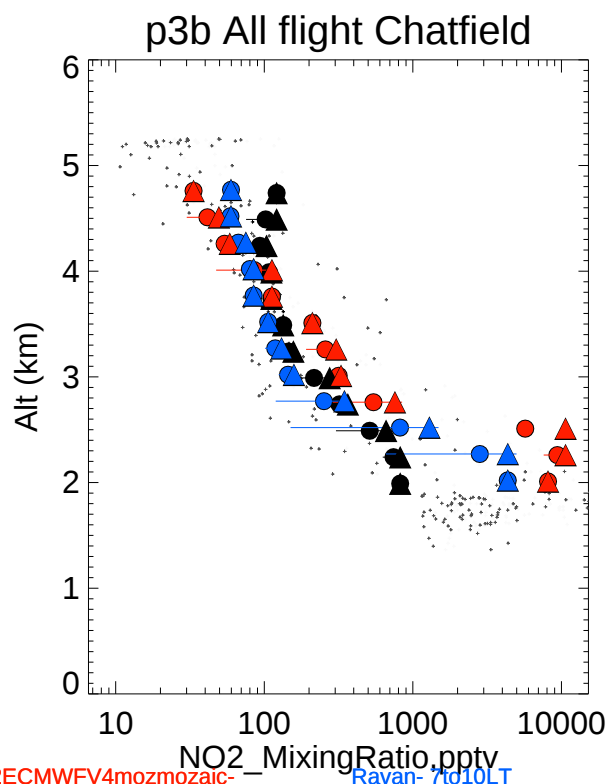
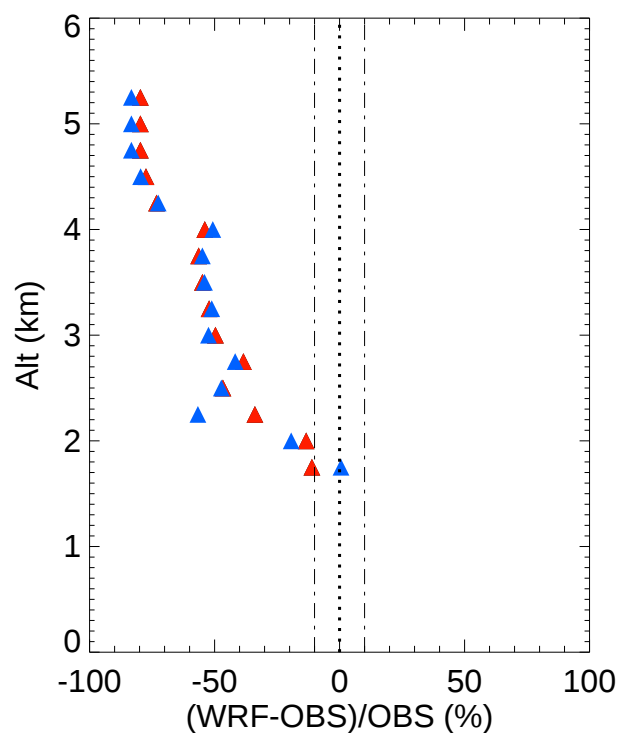
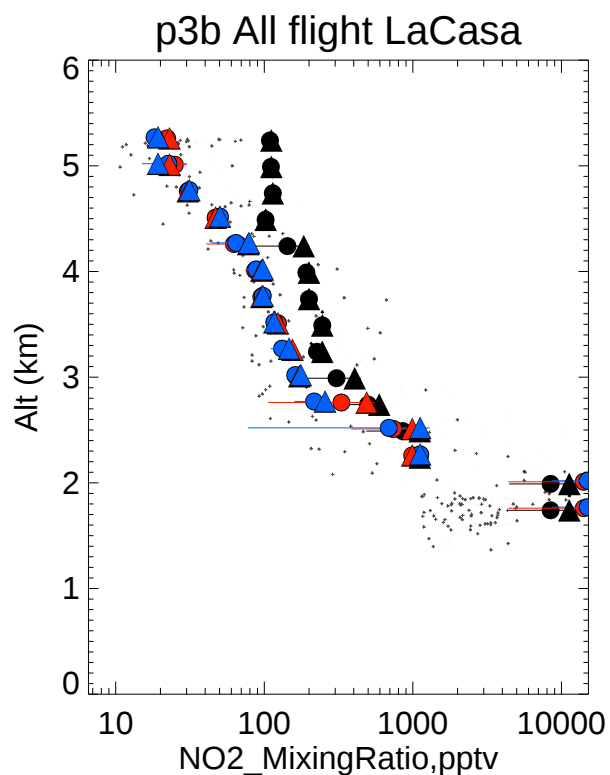
p3b All flight FortCollins



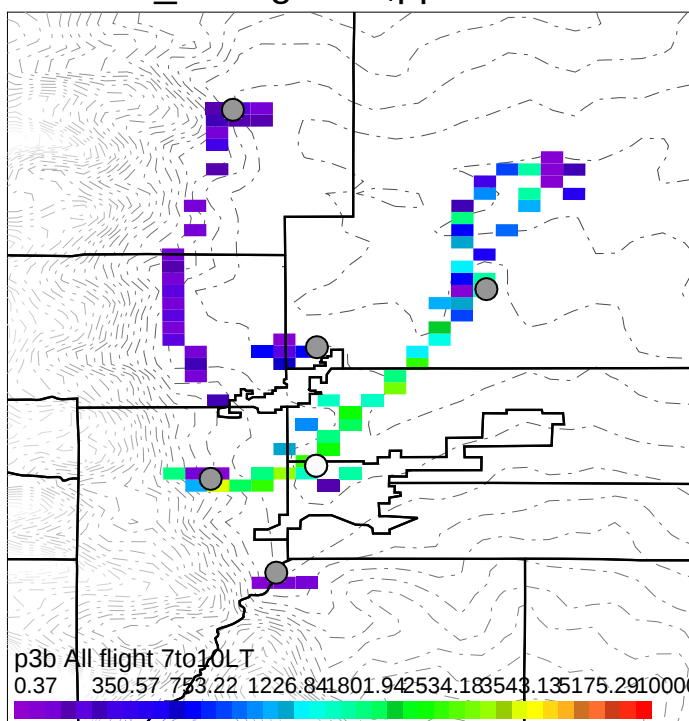
p3b All flight Platteville



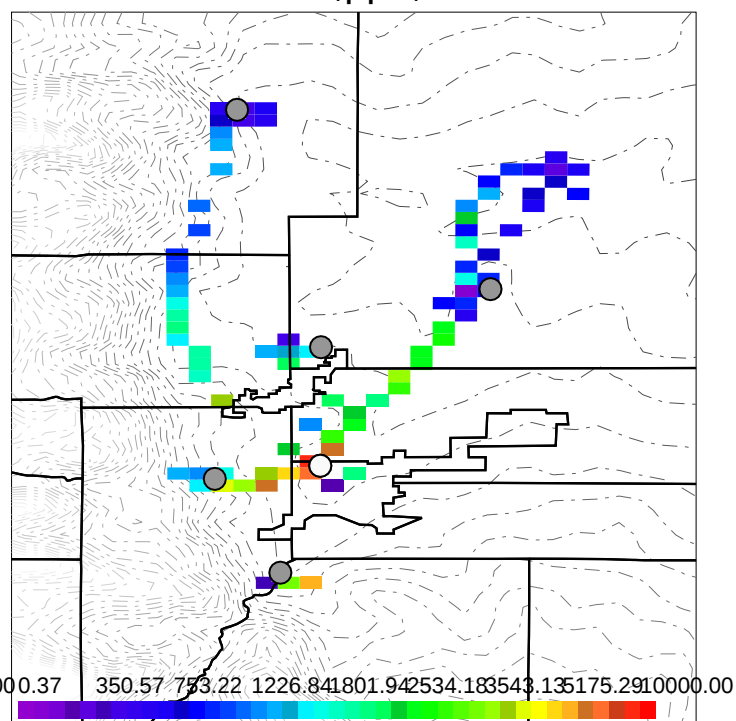




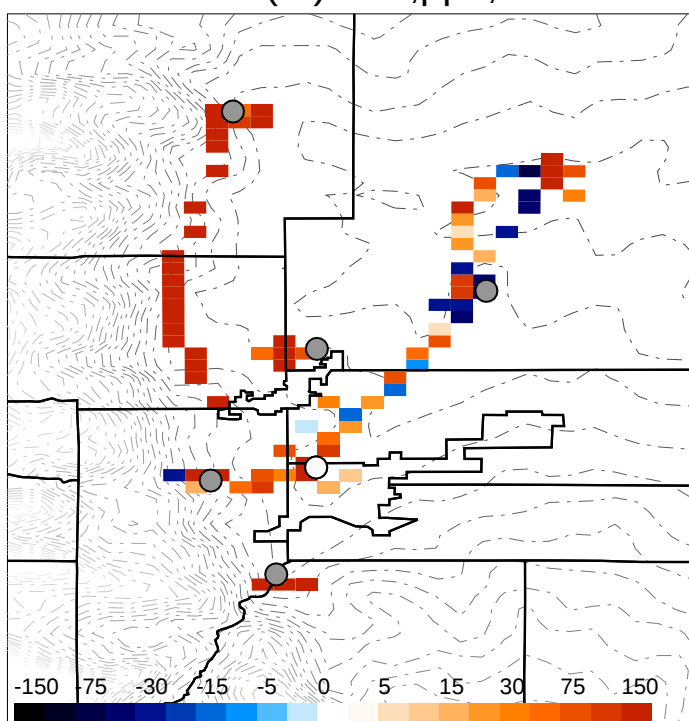
NO_MixingRatio,pptv < 3 km



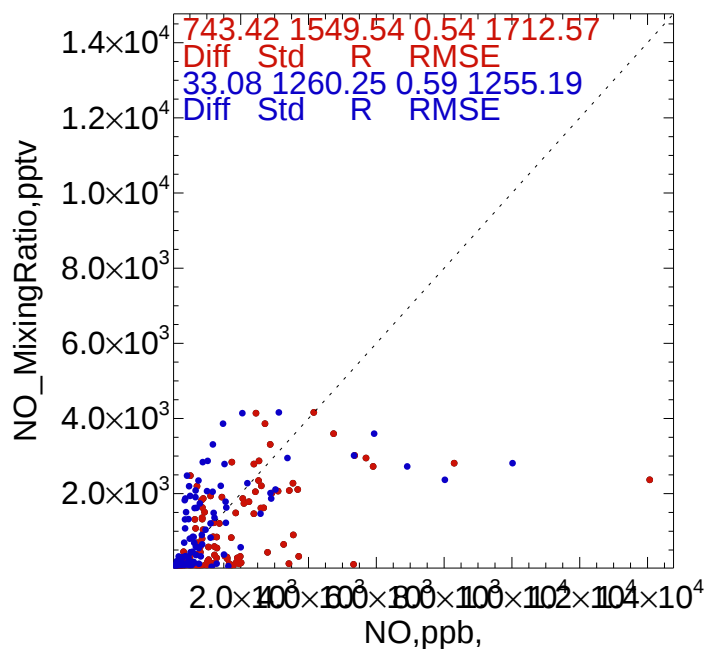
Model NO,ppb, < 3 km



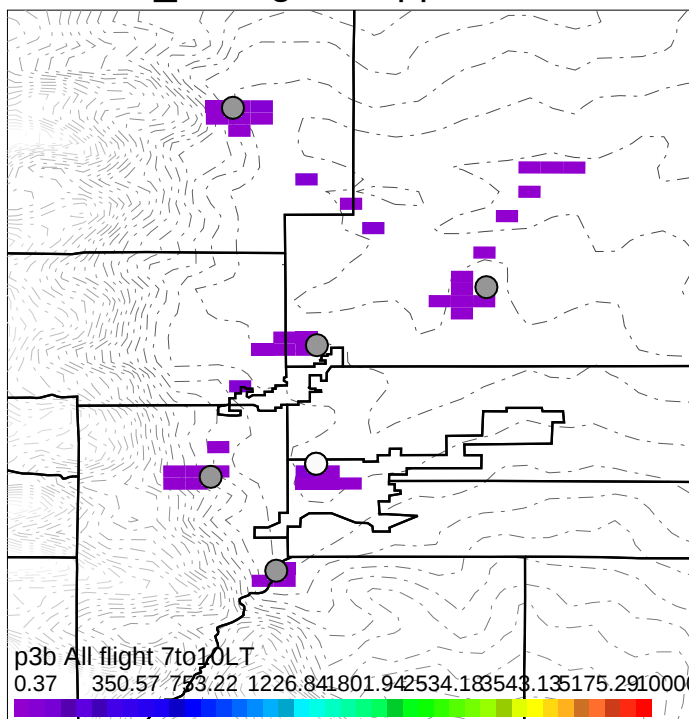
Model-Obs(%) NO,ppb, < 3 km



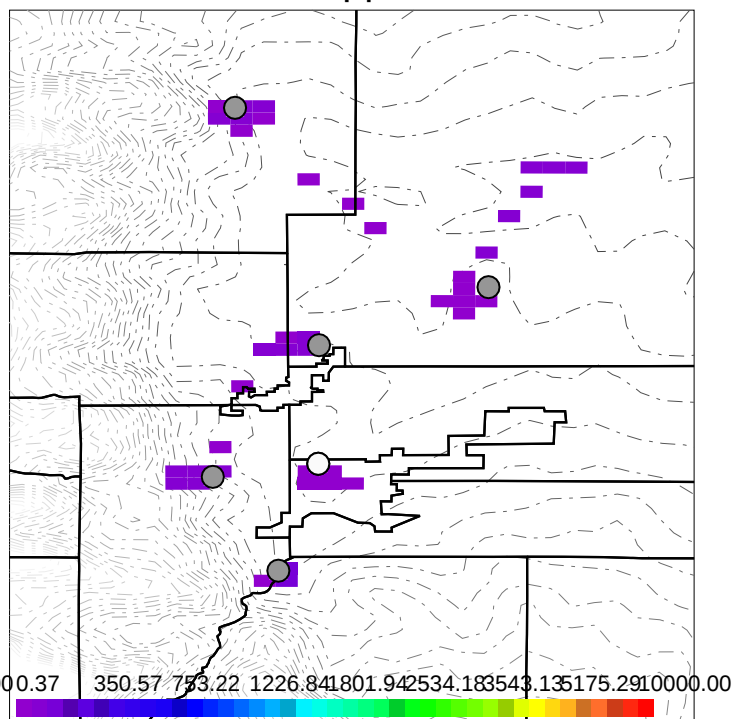
< 3 km



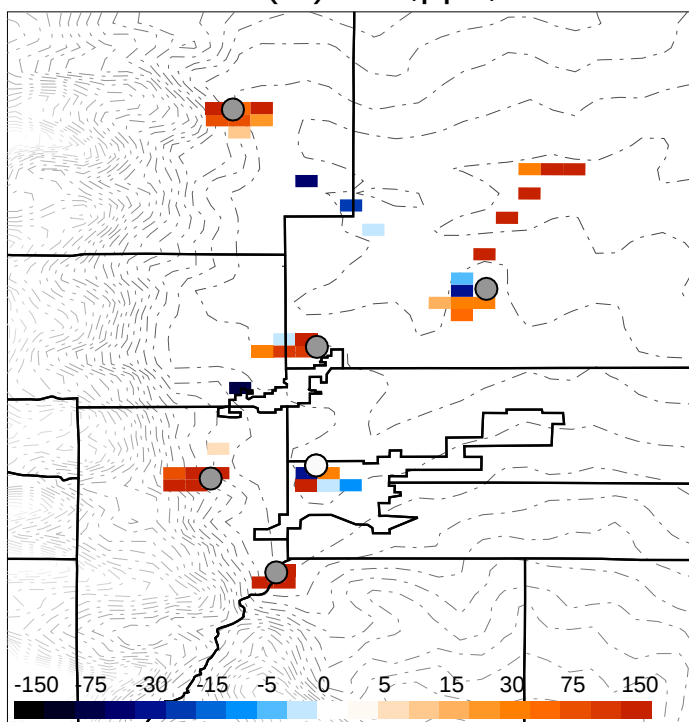
NO_MixingRatio,pptv > 3 km



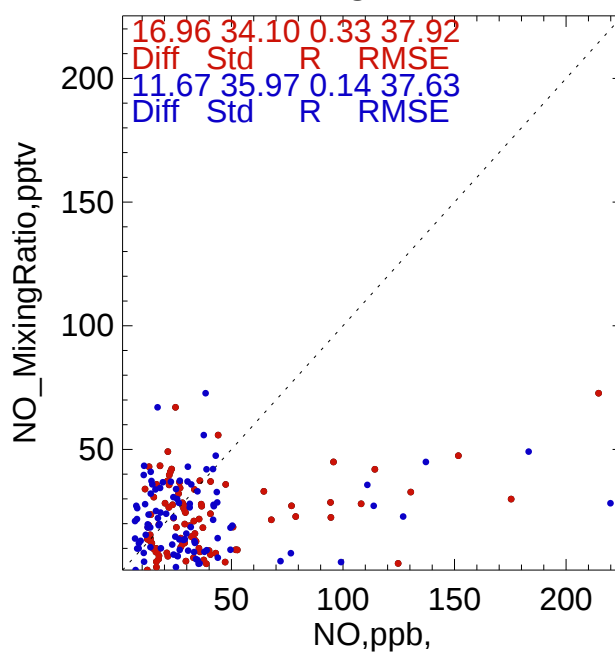
Model NO,ppb, > 3 km



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

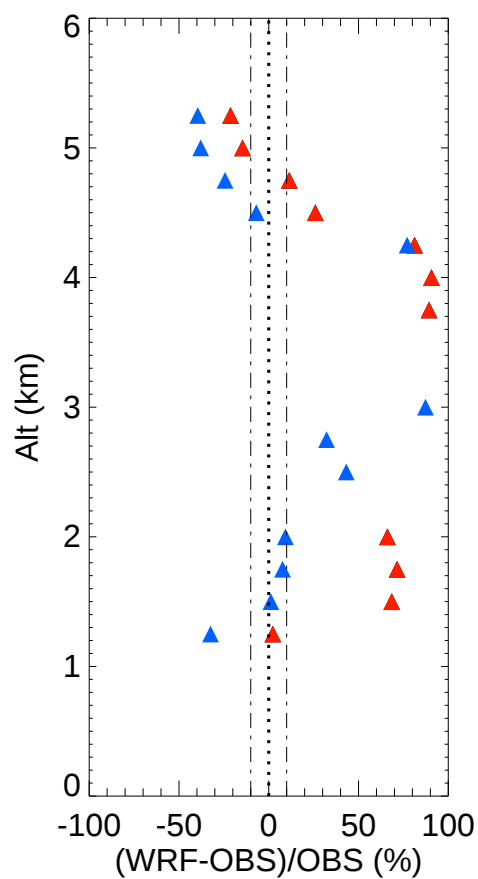
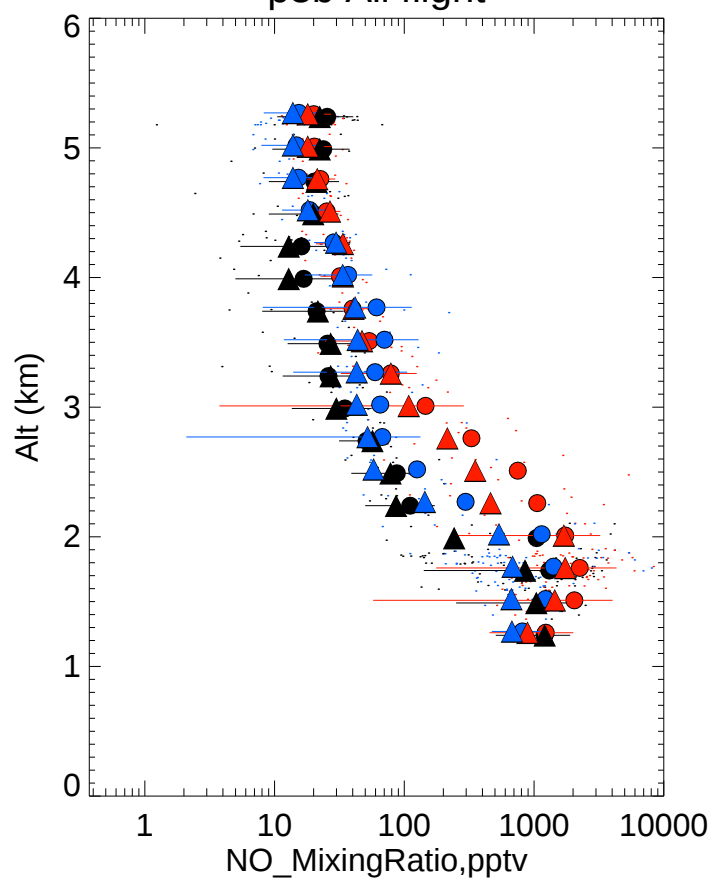
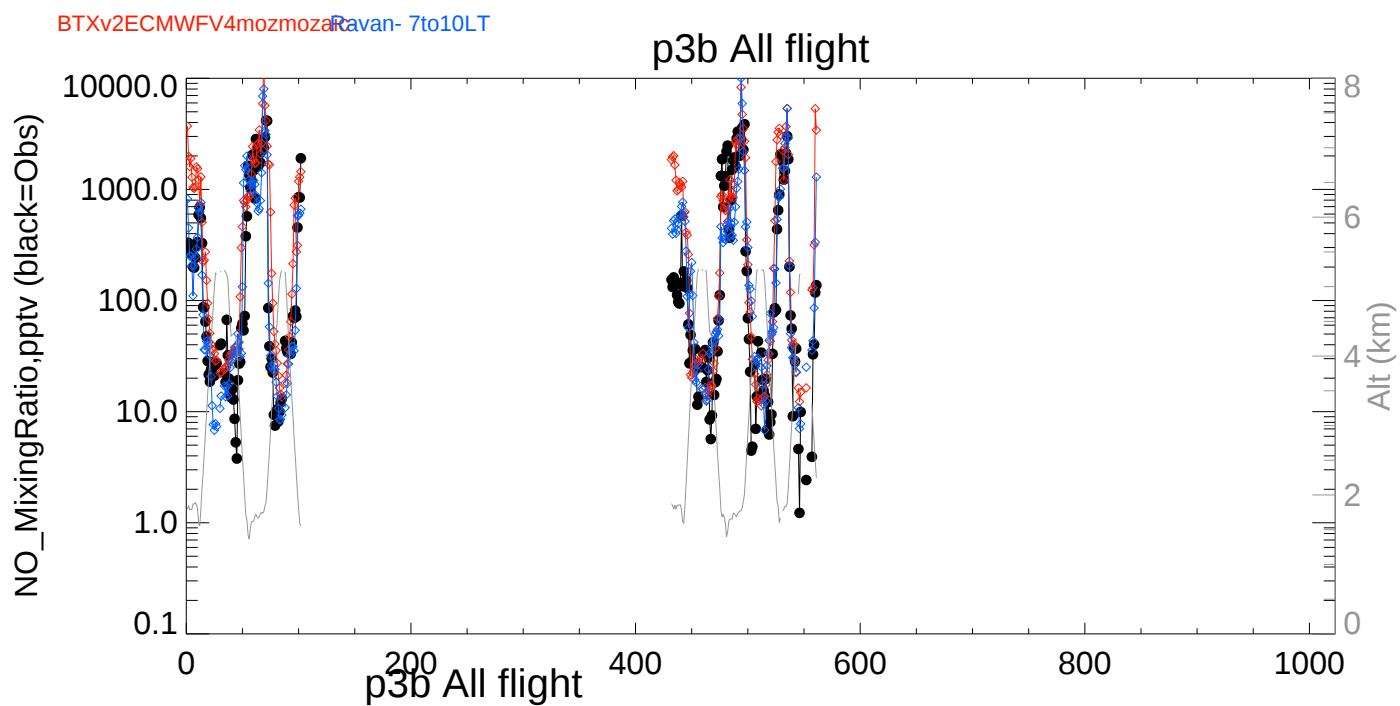


> 3 km

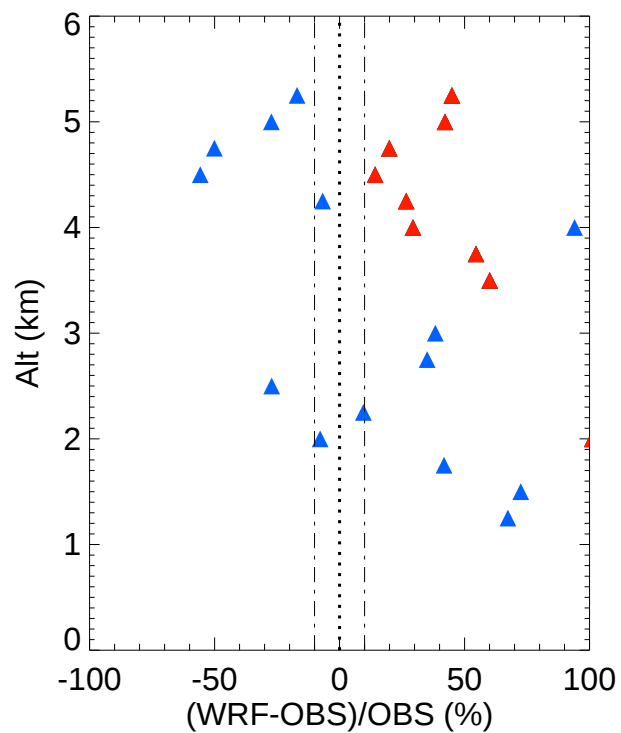
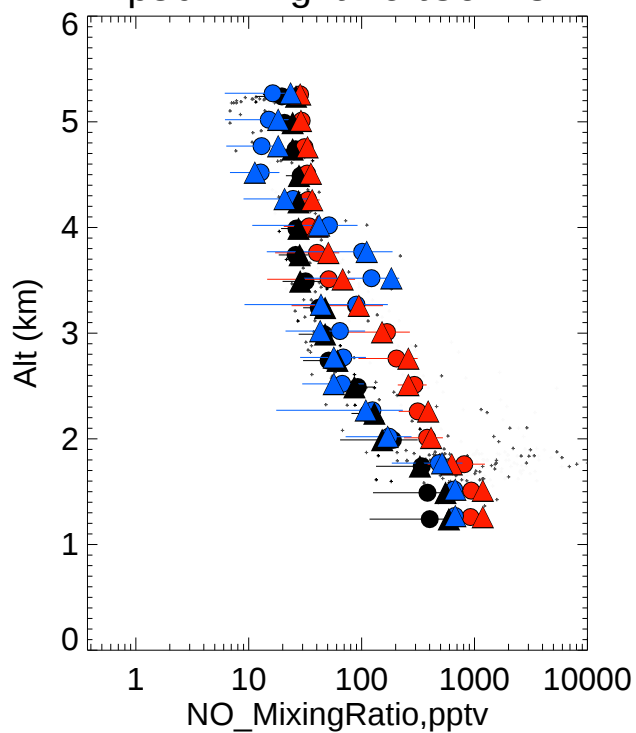


BTXv2ECMWFV4mozmozaic-

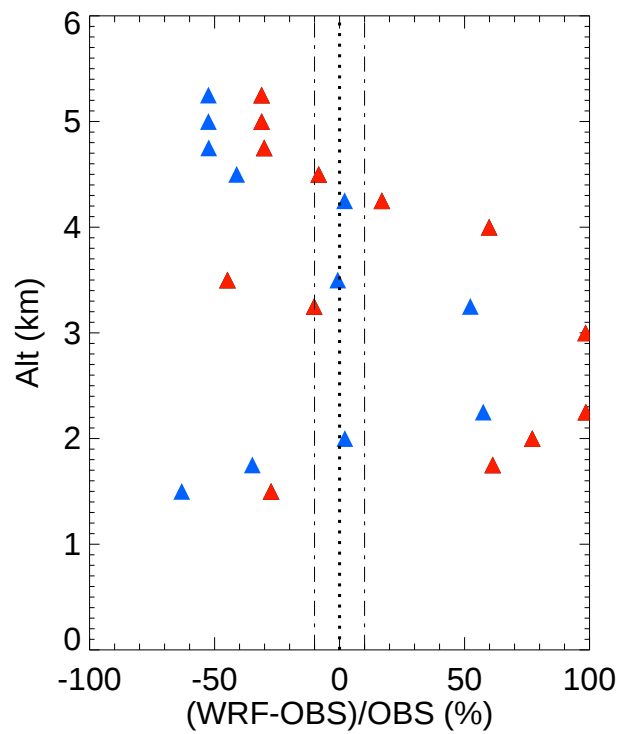
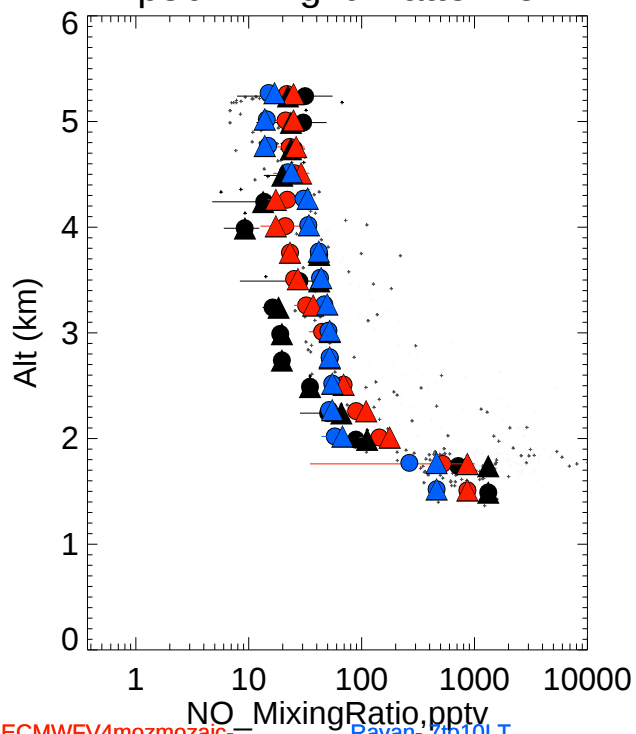
Ravan- 7to10LT

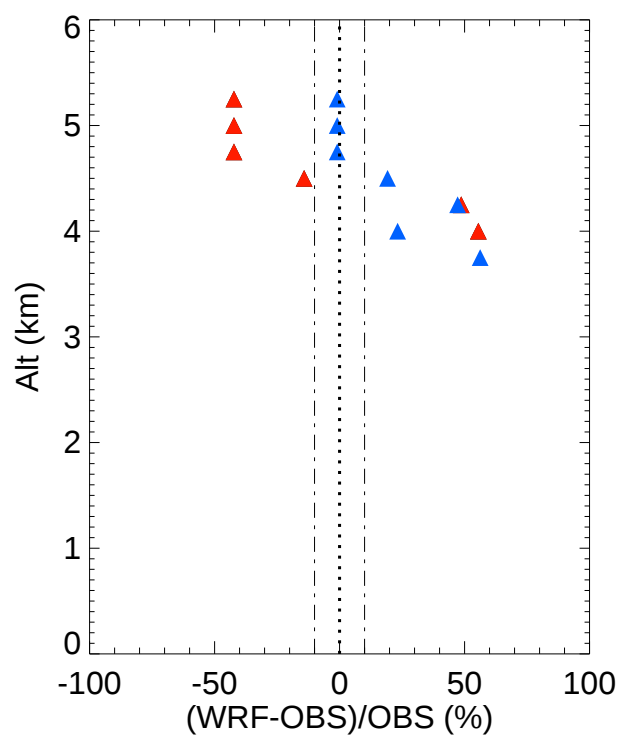
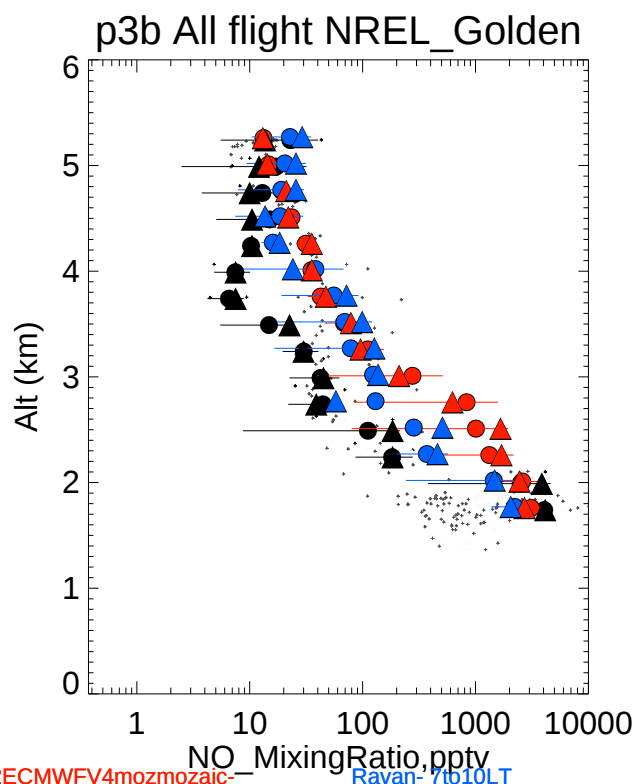
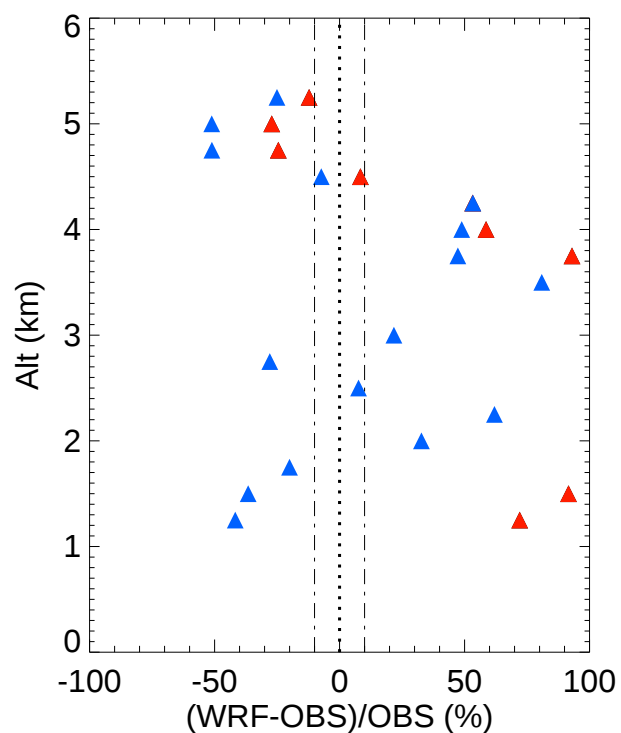
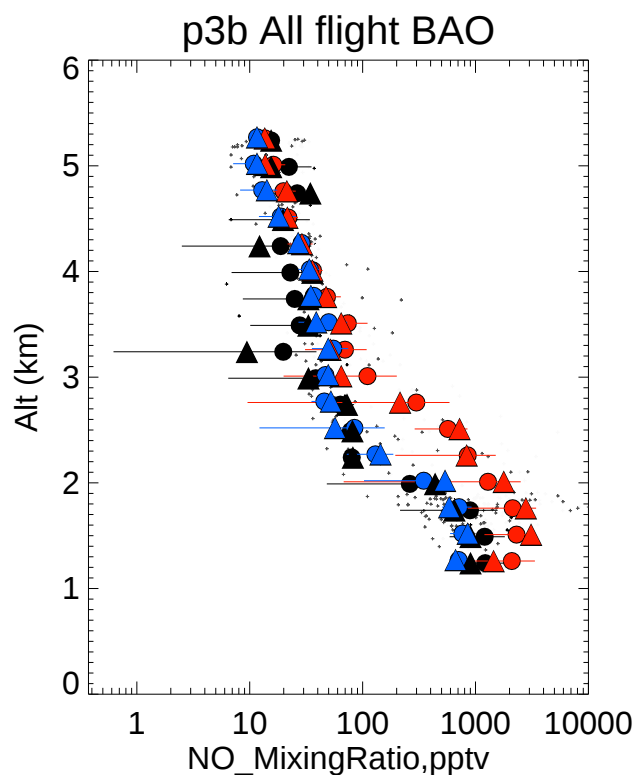


p3b All flight FortCollins

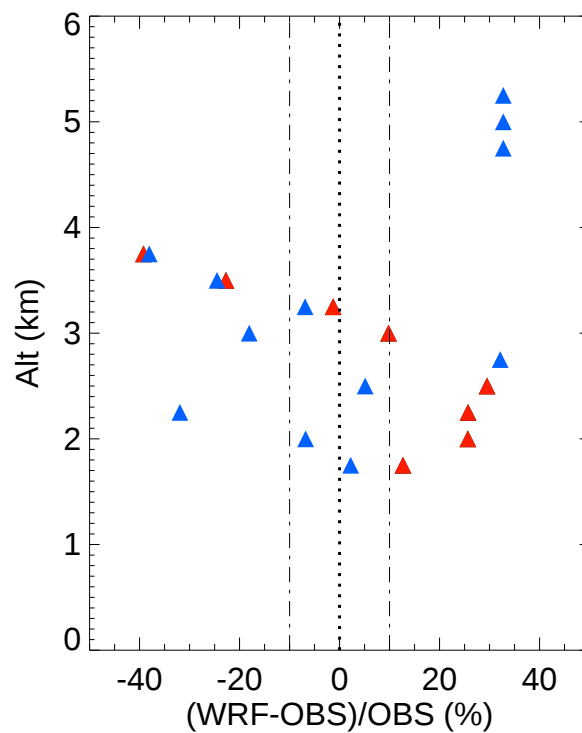
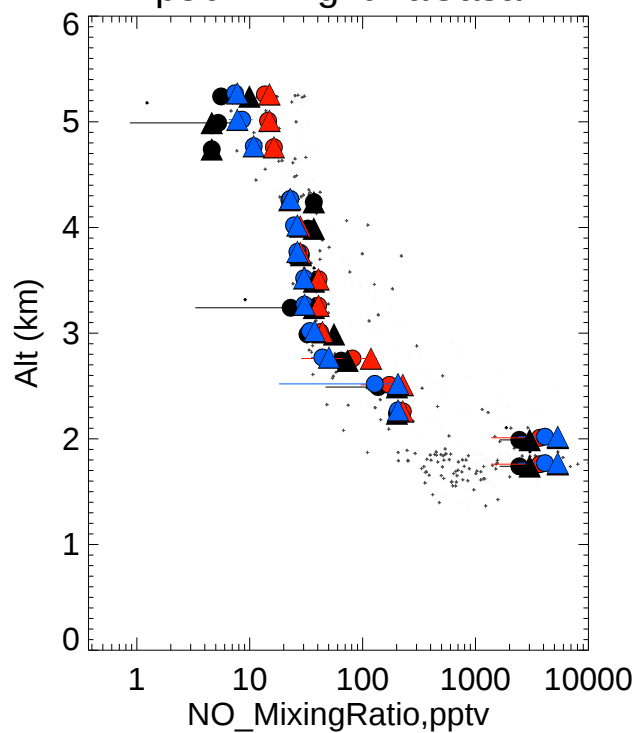


p3b All flight Platteville

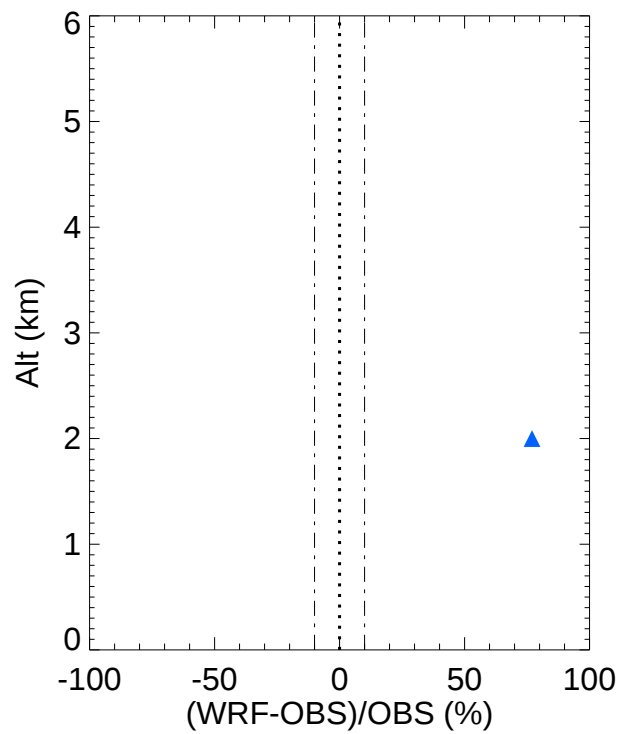
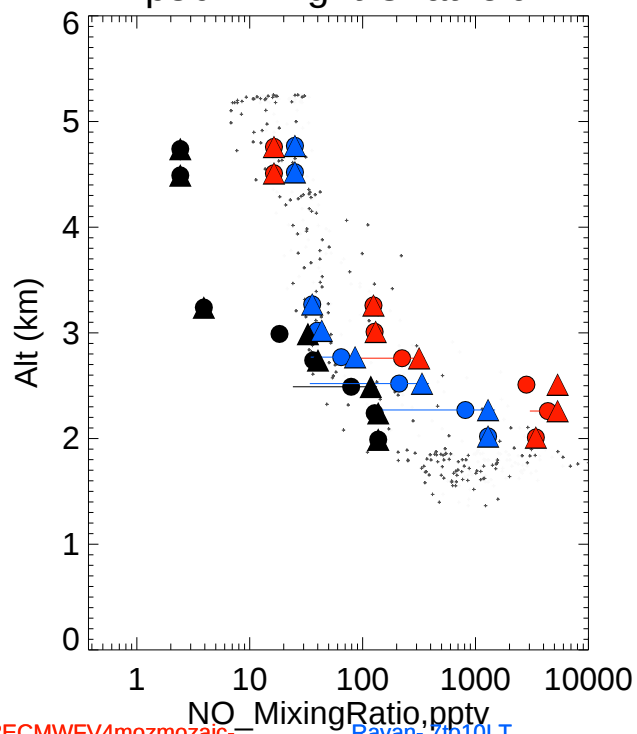




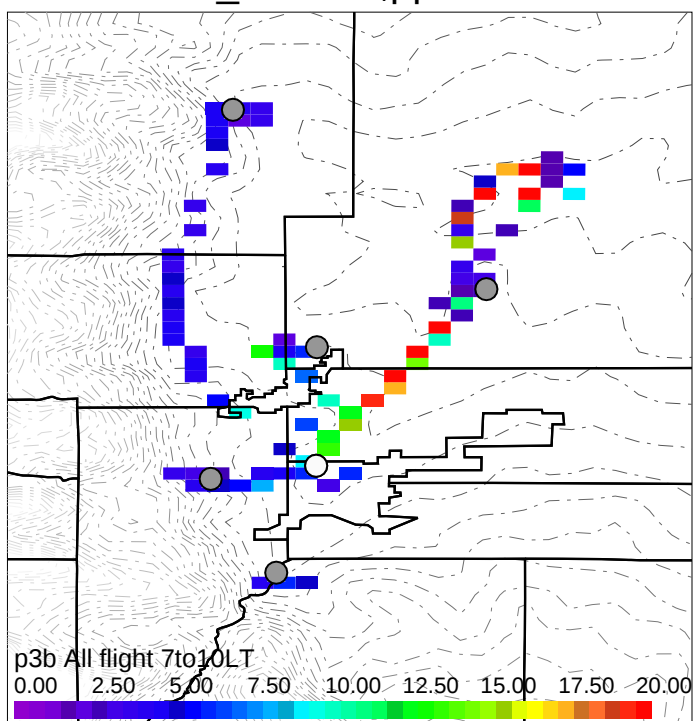
p3b All flight LaCasa



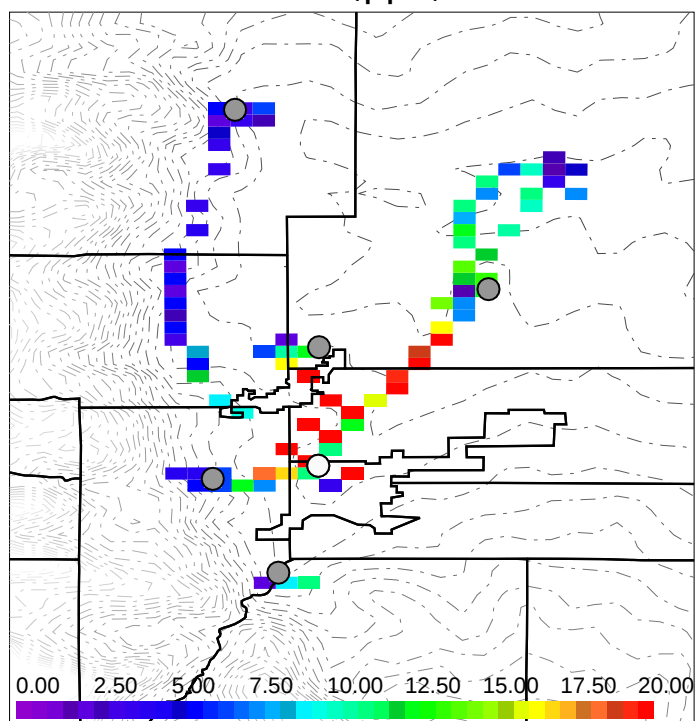
p3b All flight Chatfield



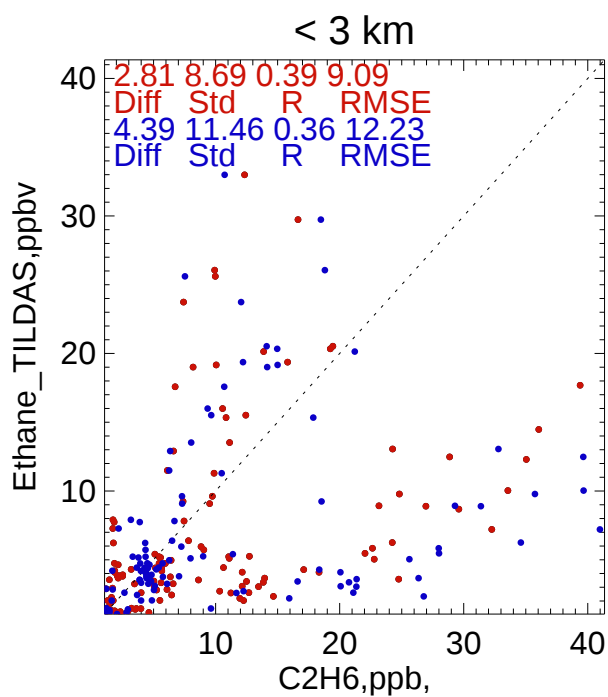
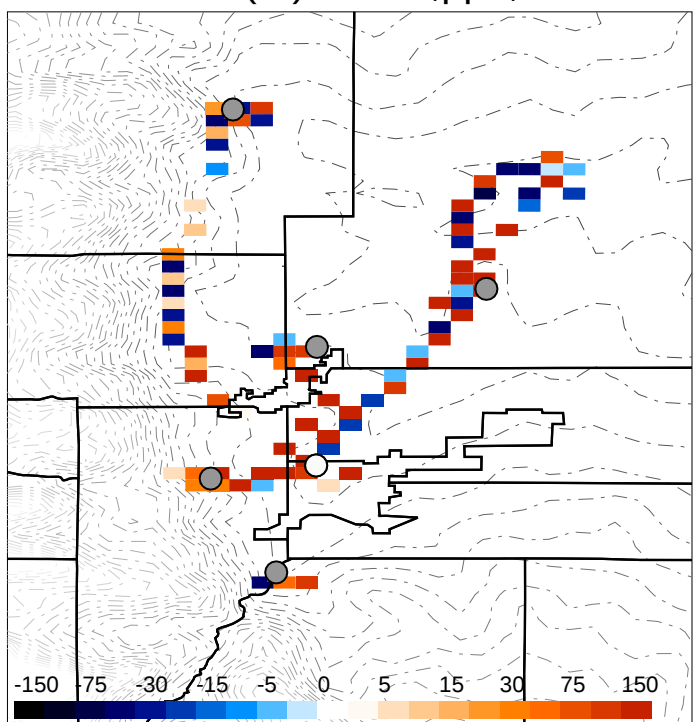
Ethane_TILDAS,ppbv < 3 km



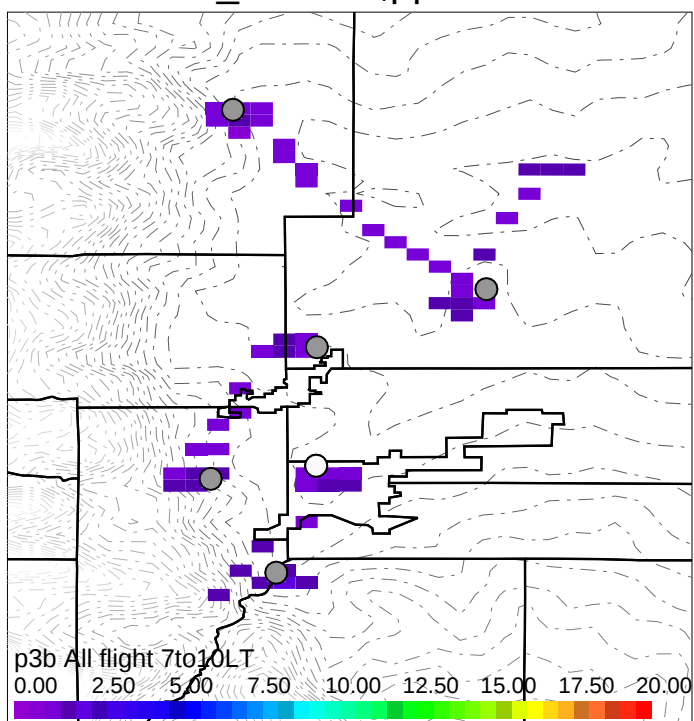
Model C2H6,ppb, < 3 km



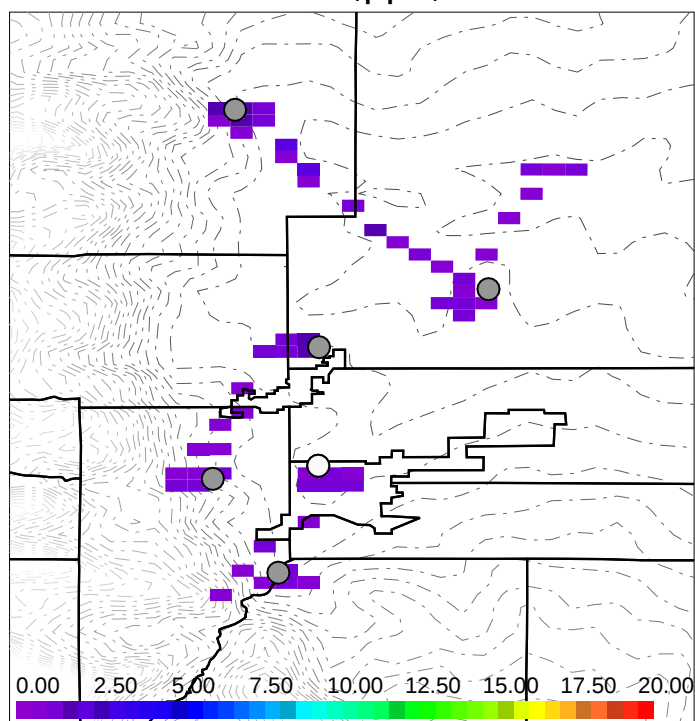
Model-Obs(%) C2H6,ppb, < 3 km



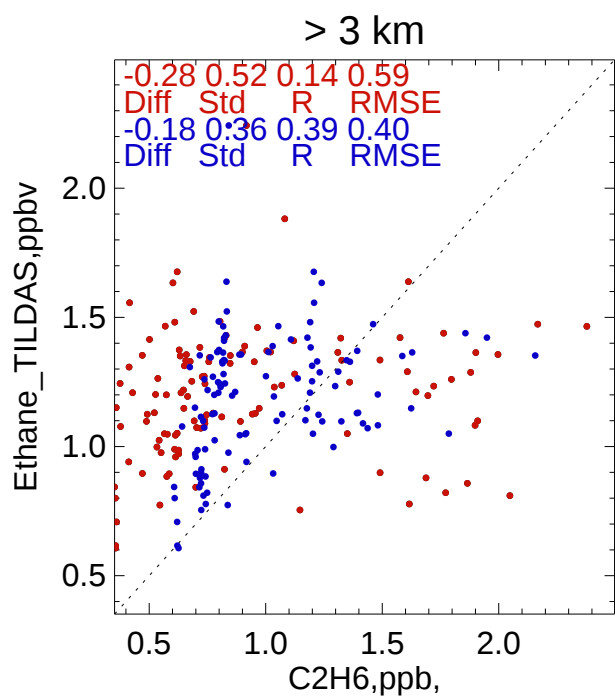
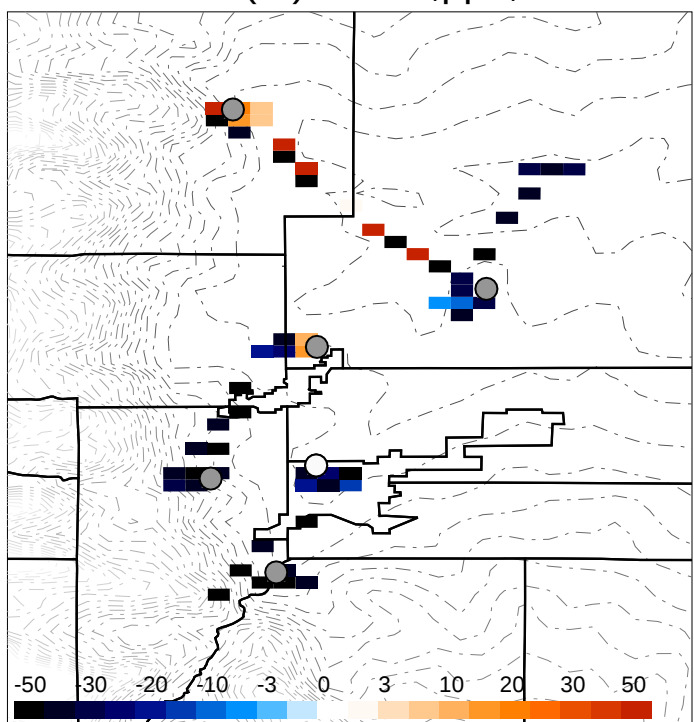
Ethane_TILDAS,ppbv > 3 km



Model C2H6,ppb, > 3 km

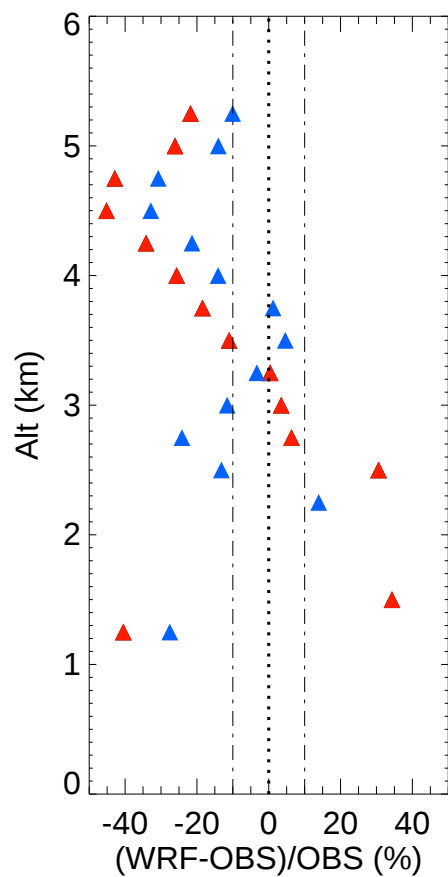
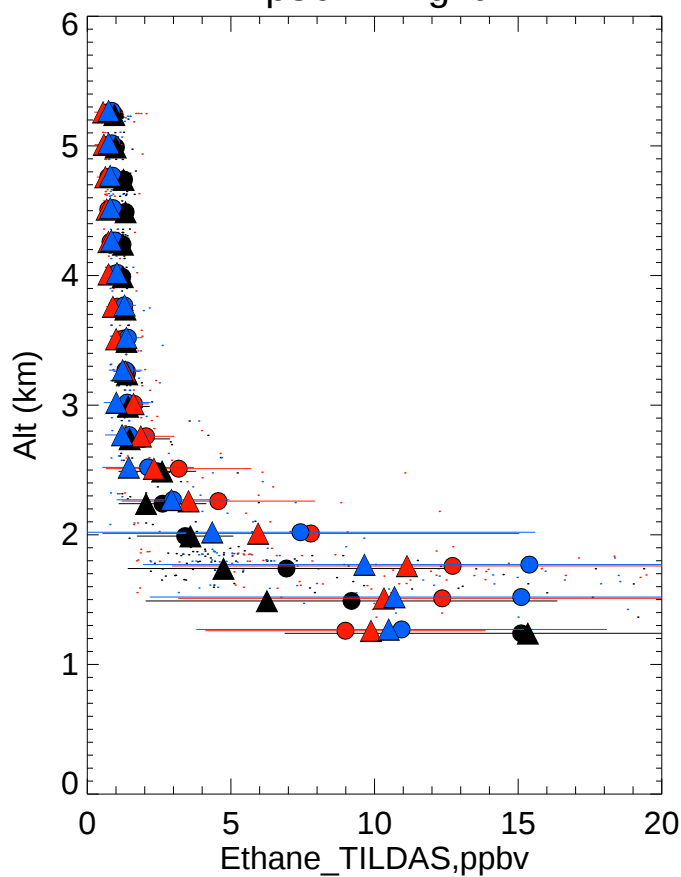
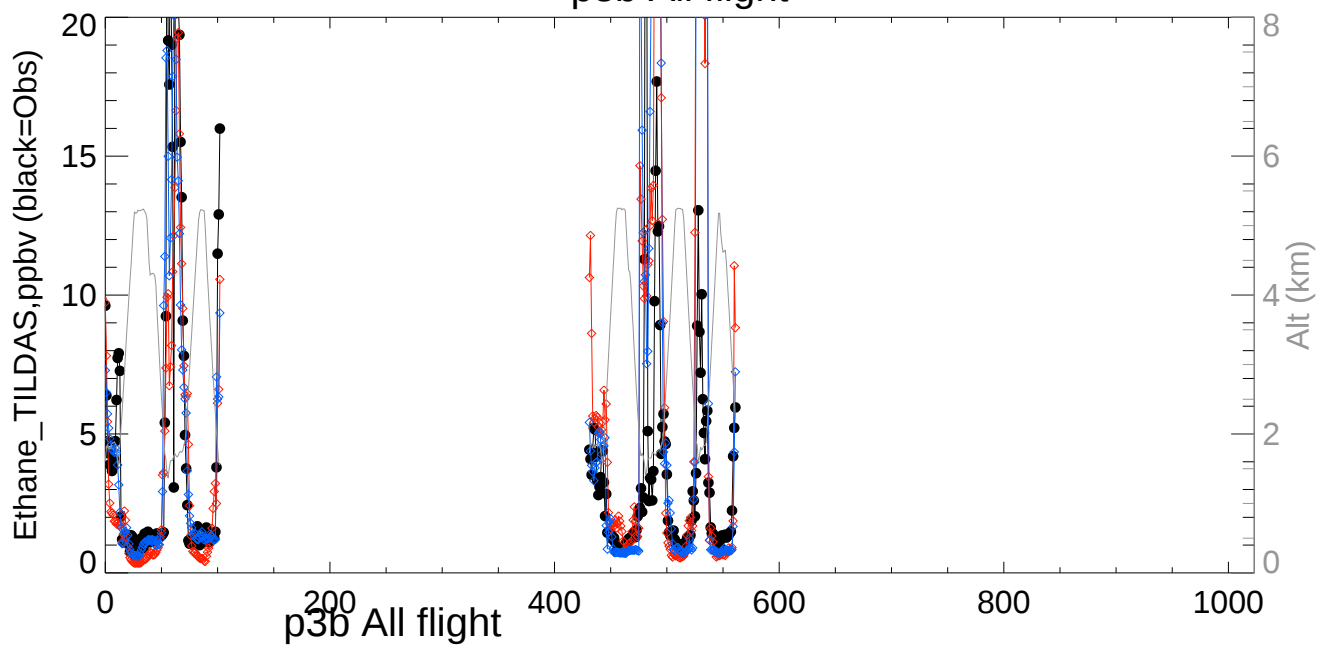


Model-Obs(%) C2H6,ppb, > 3 km

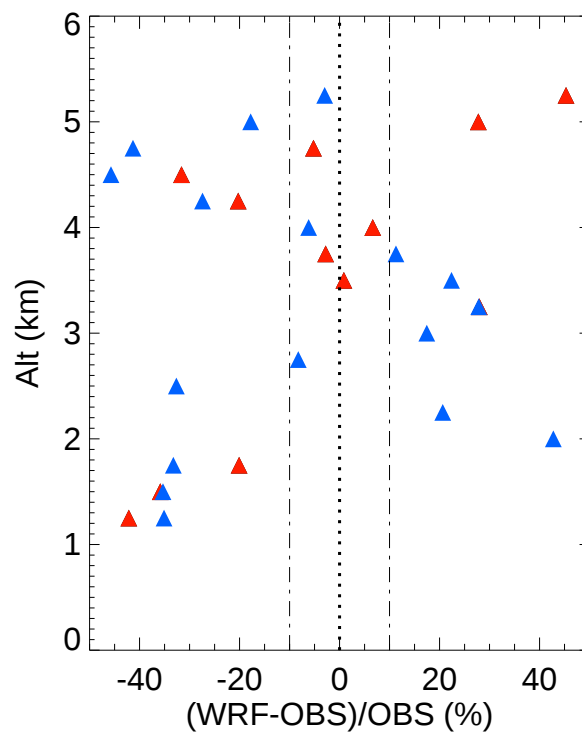
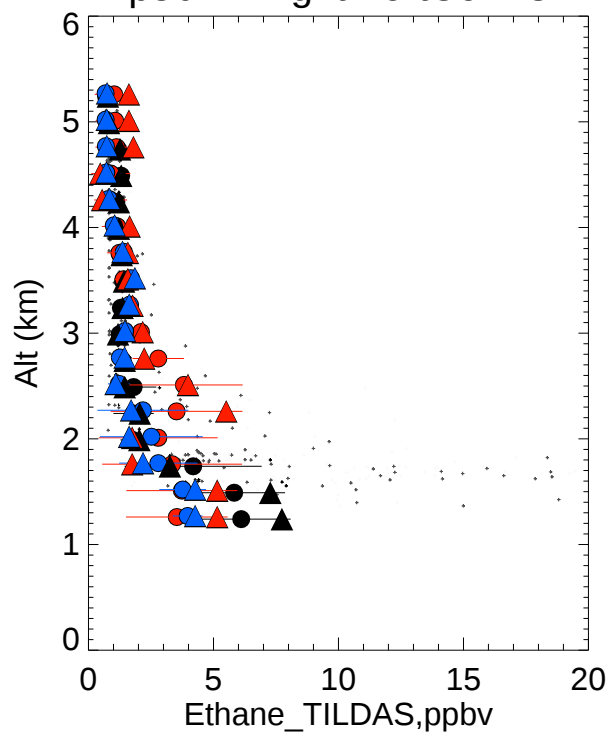


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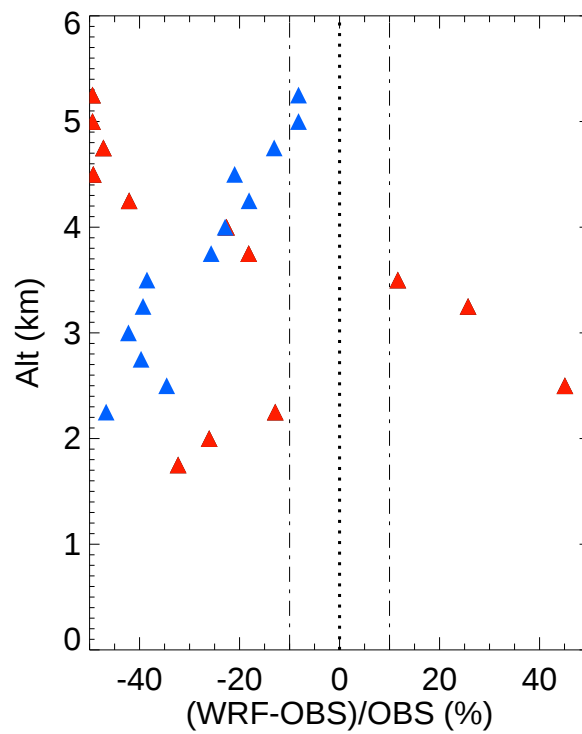
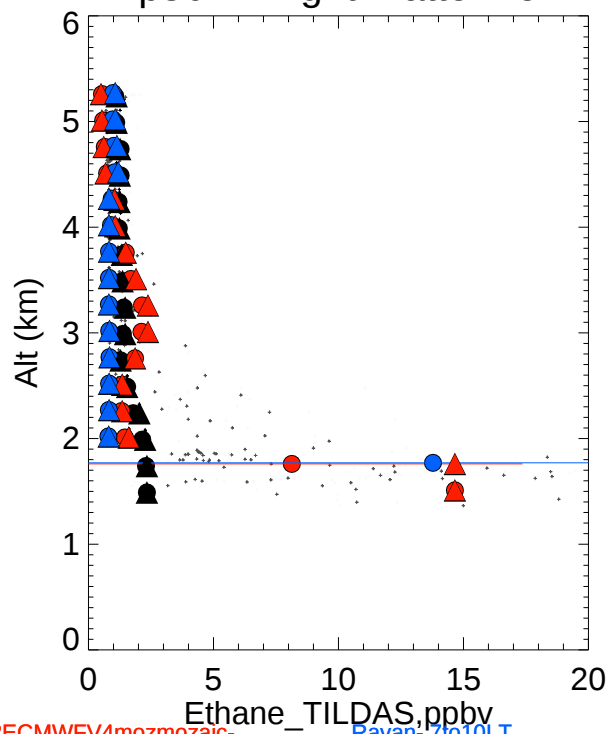
p3b All flight

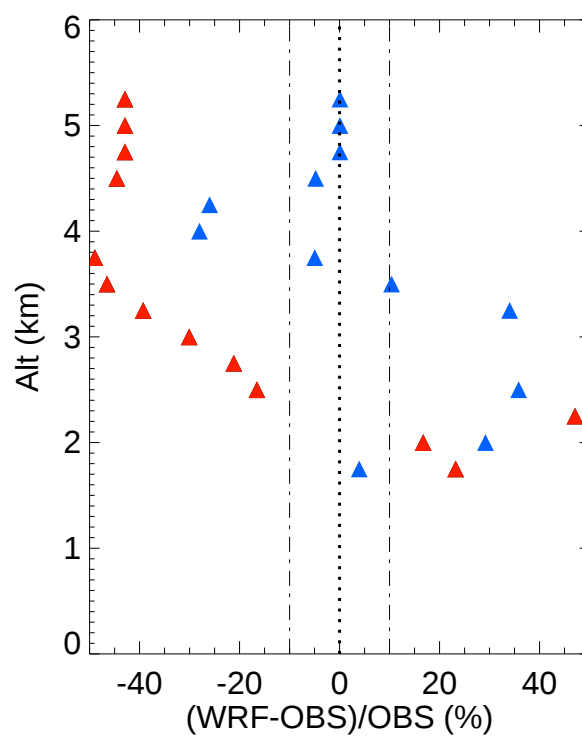
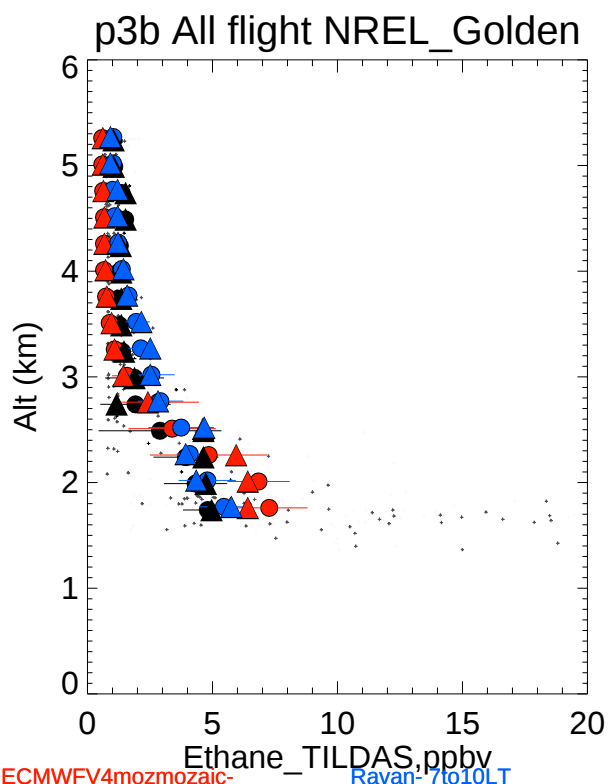
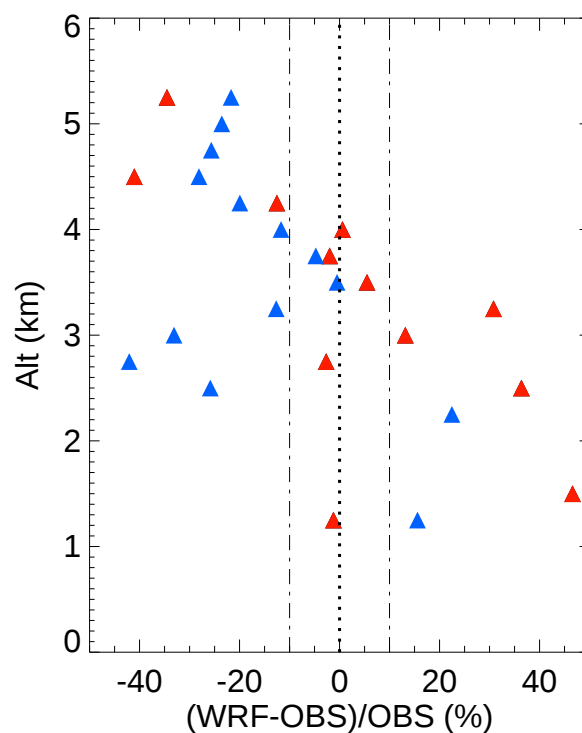
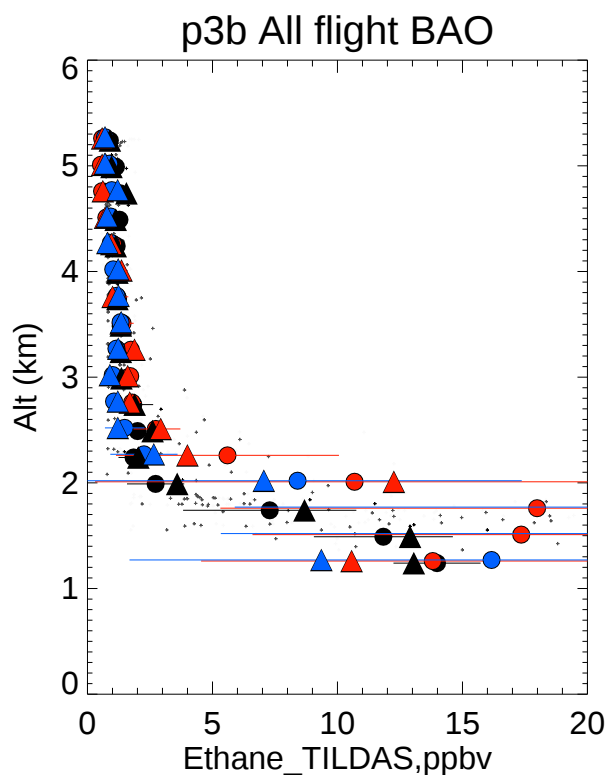


p3b All flight FortCollins

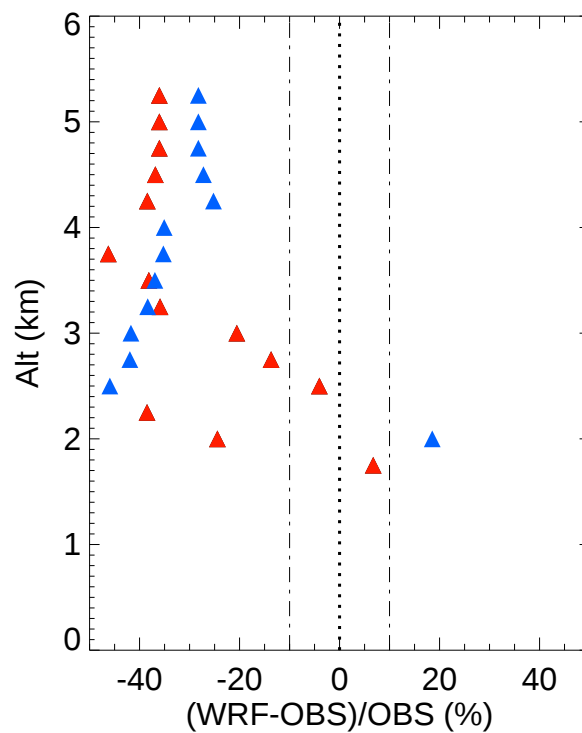
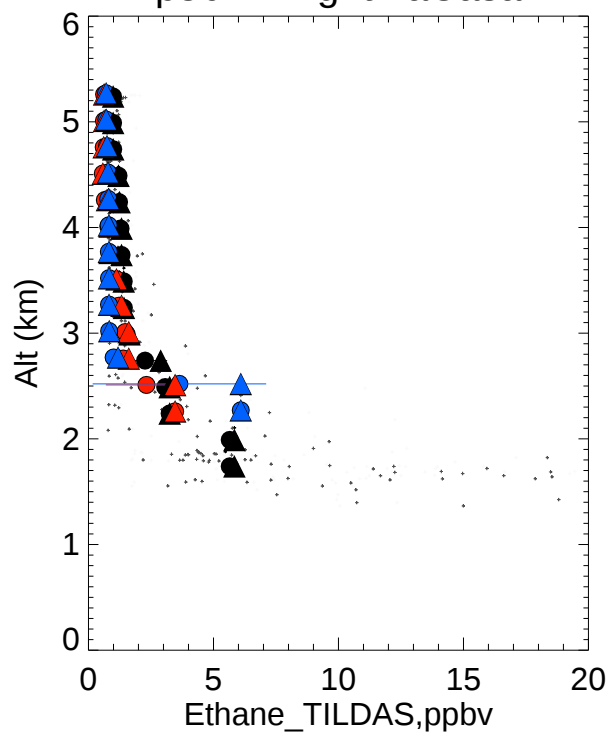


p3b All flight Platteville

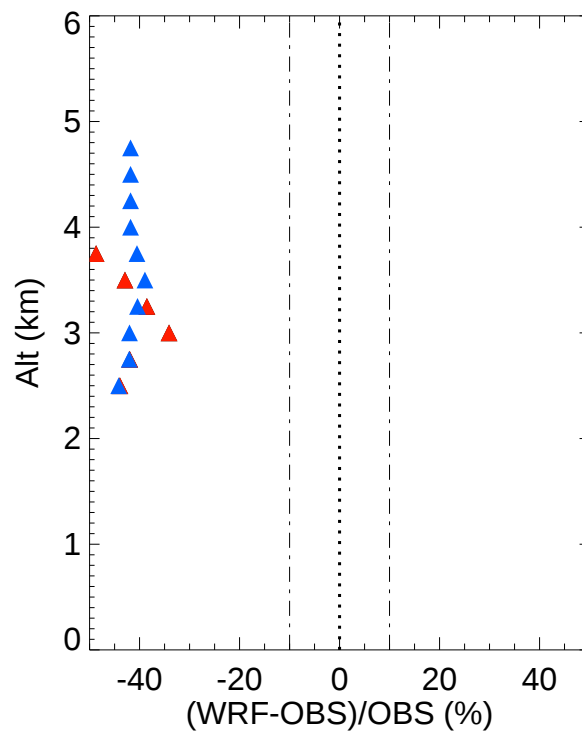
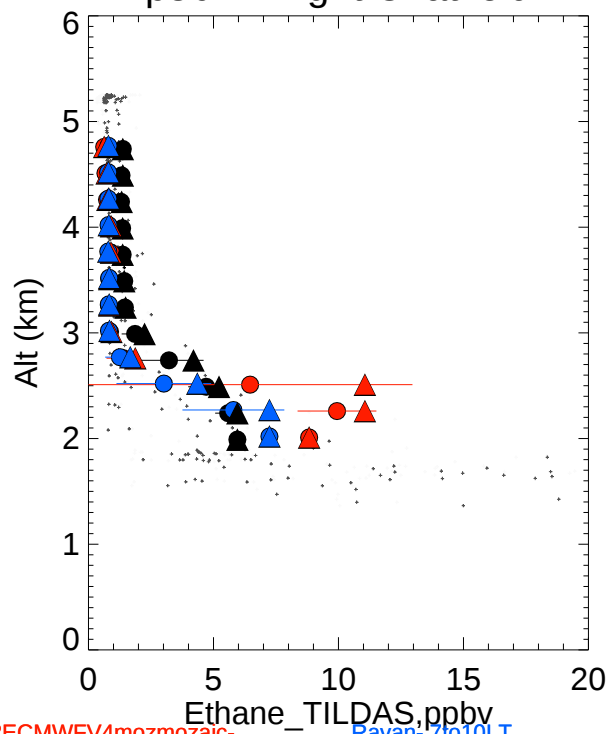




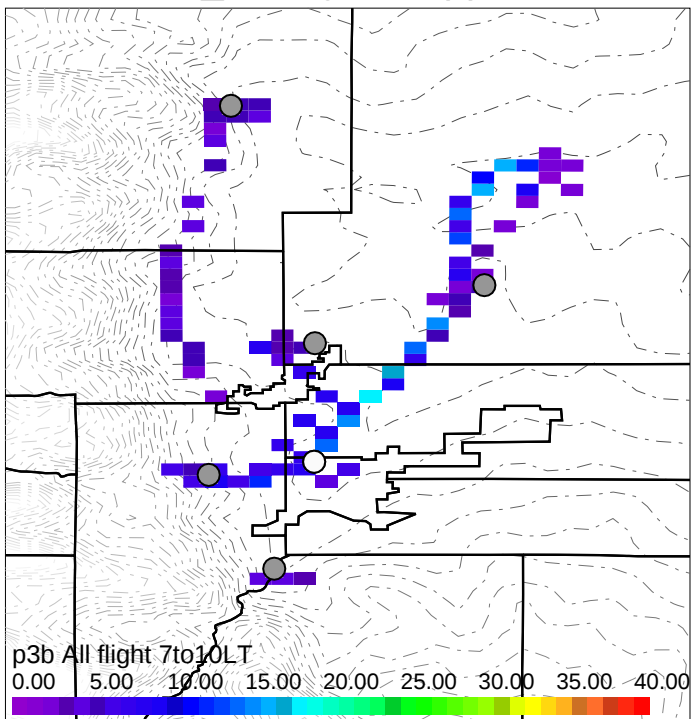
p3b All flight LaCasa



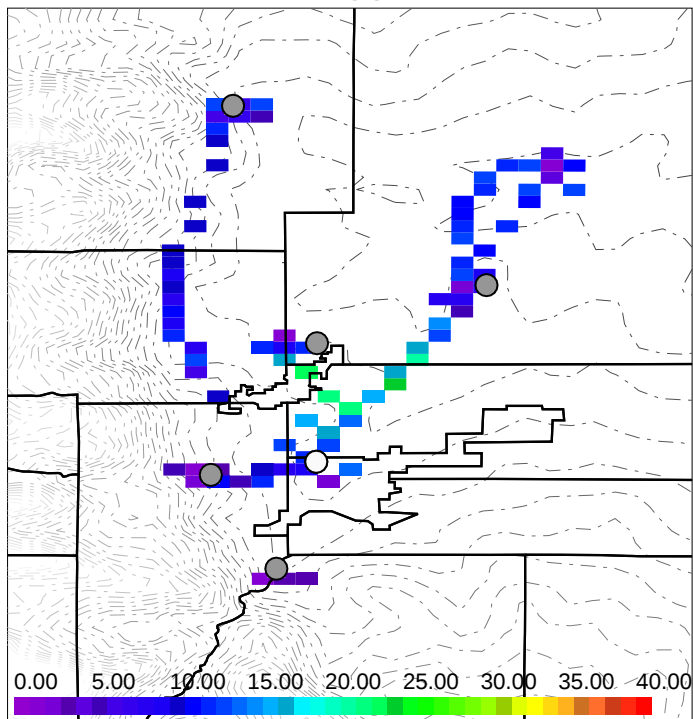
p3b All flight Chatfield



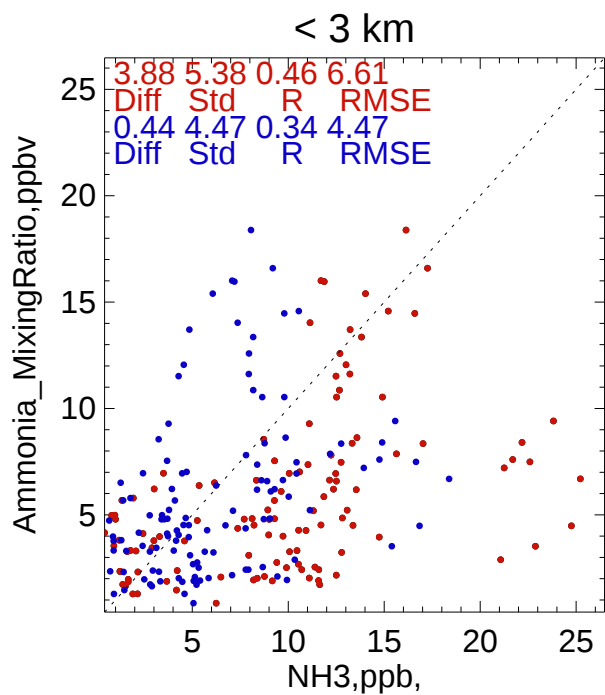
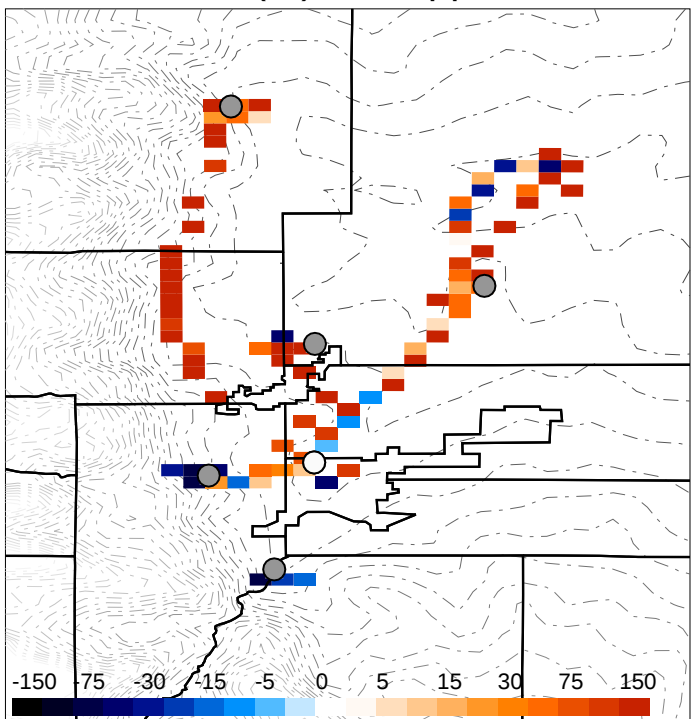
Ammonia_MixingRatio,ppbv < 3 km



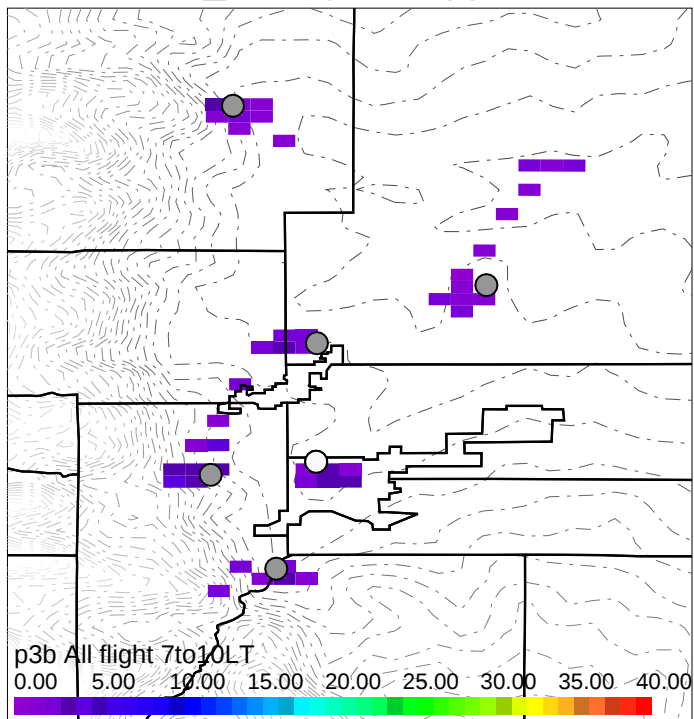
Model NH3,ppb, < 3 km



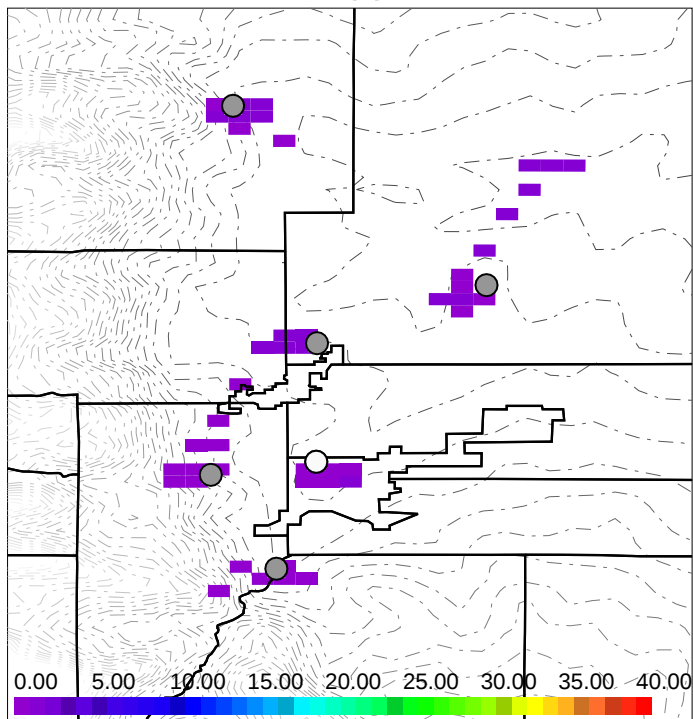
Model-Obs(%) NH3,ppb, < 3 km



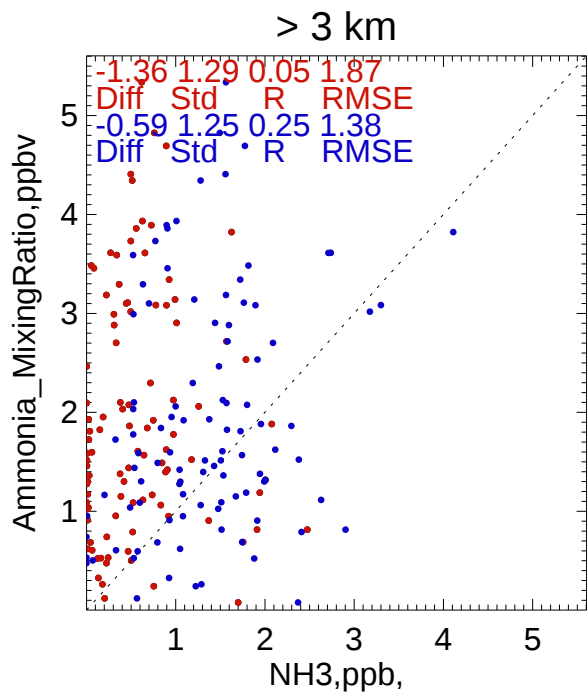
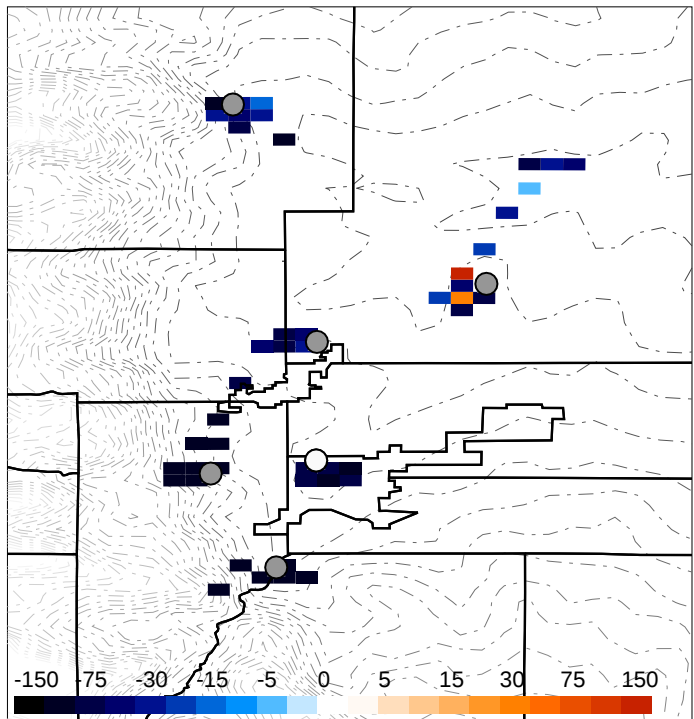
Ammonia_MixingRatio,ppbv > 3 km



Model NH3,ppb, > 3 km

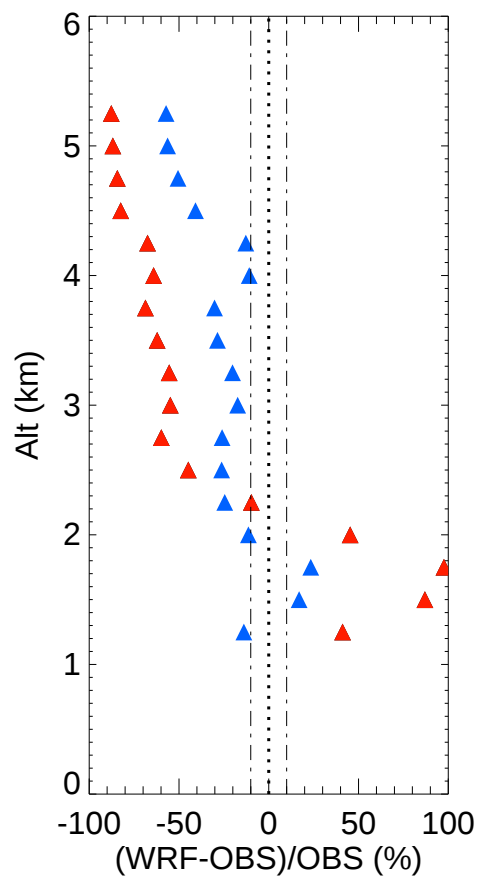
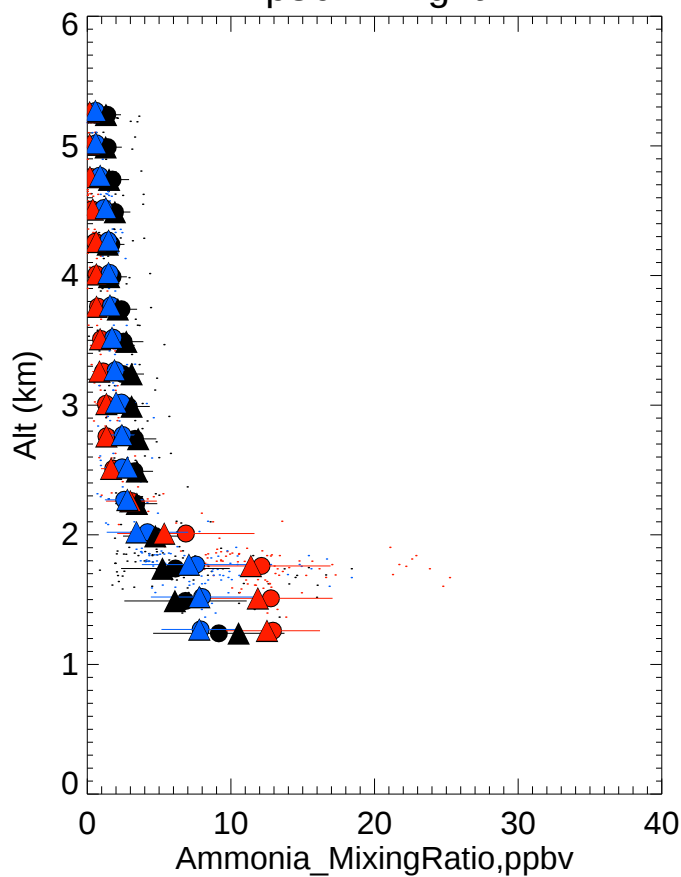
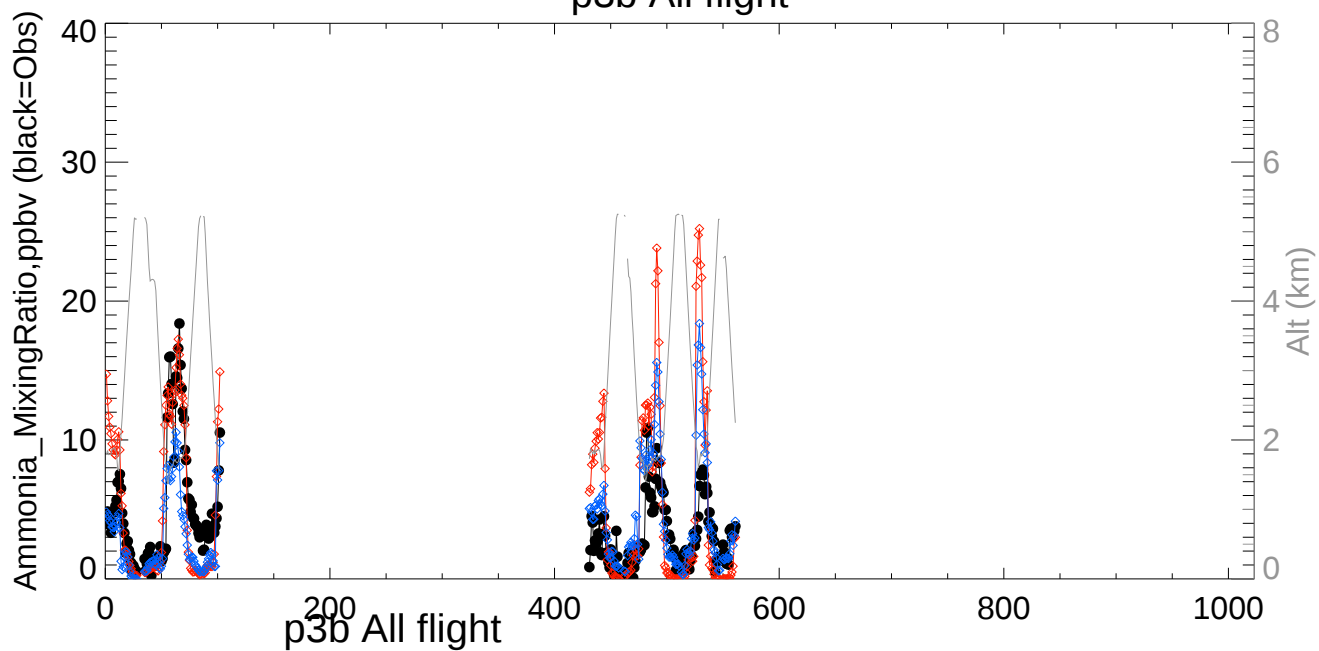


Model-Obs(%) NH3,ppb, > 3 km

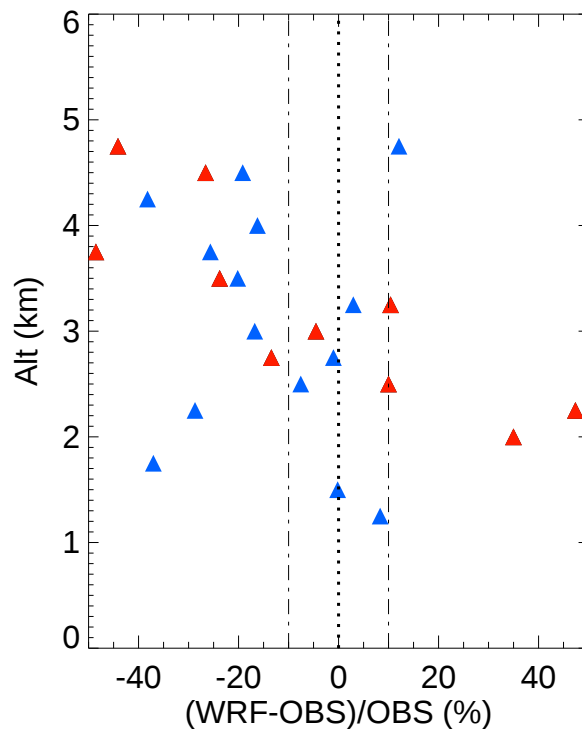
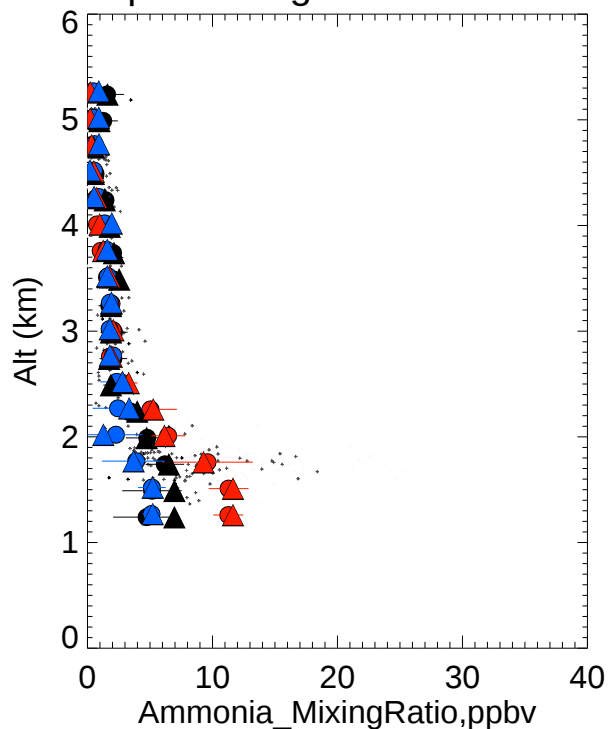


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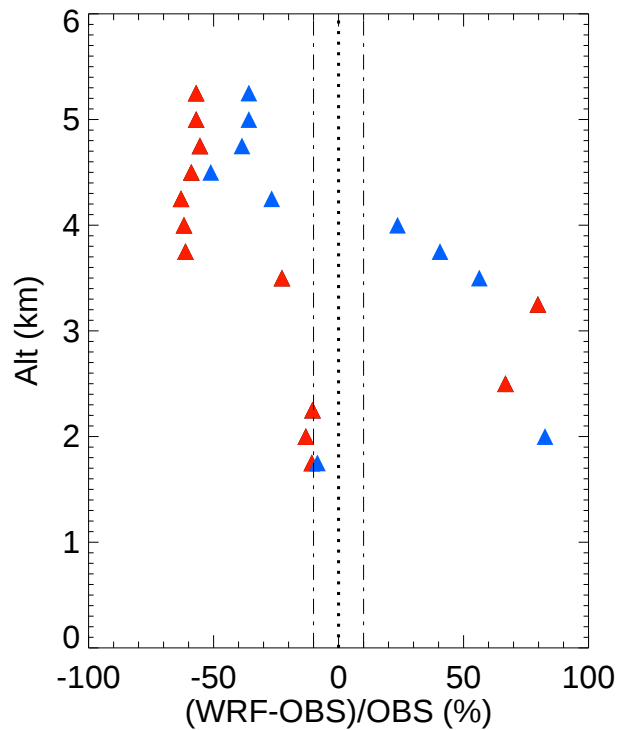
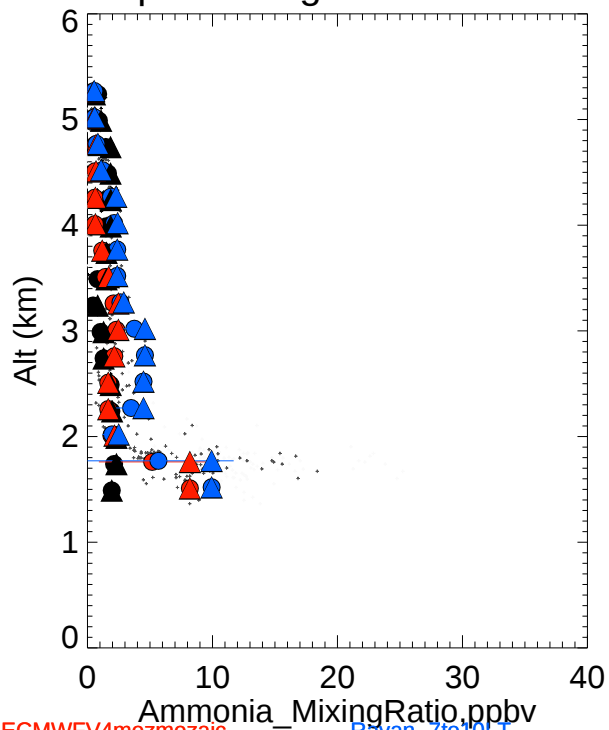
p3b All flight

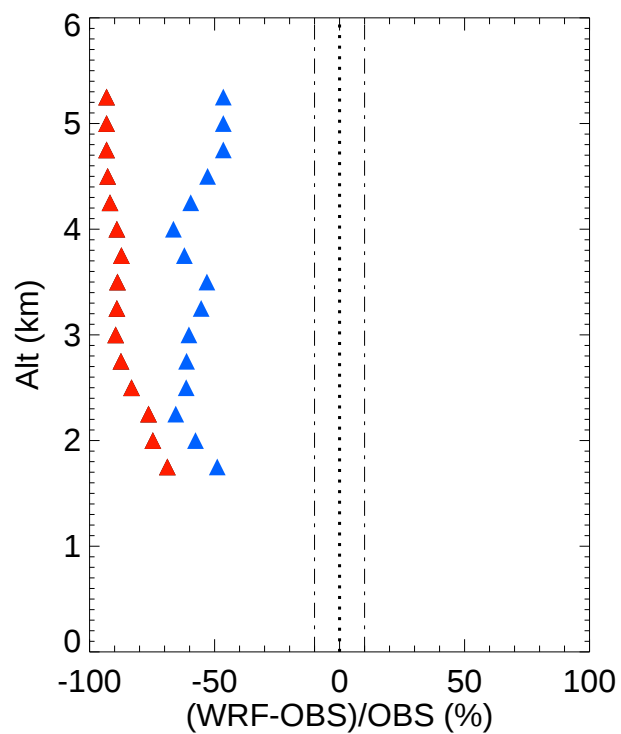
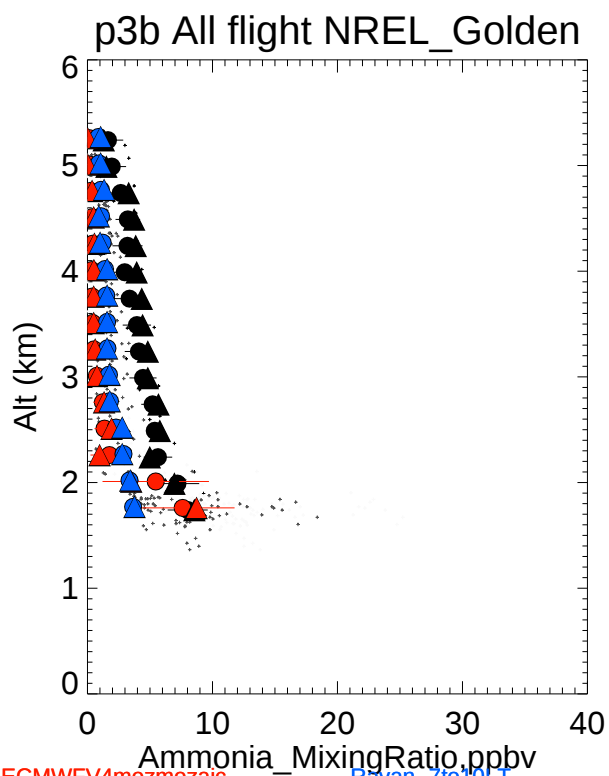
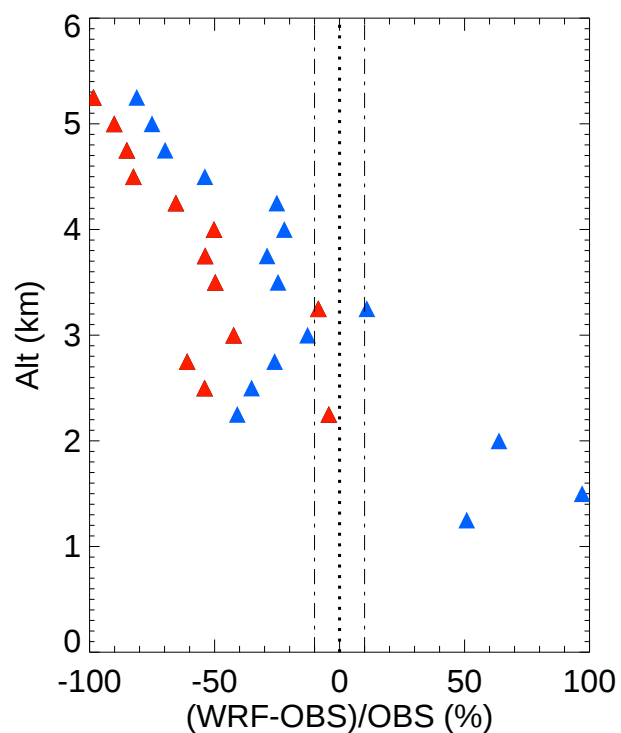
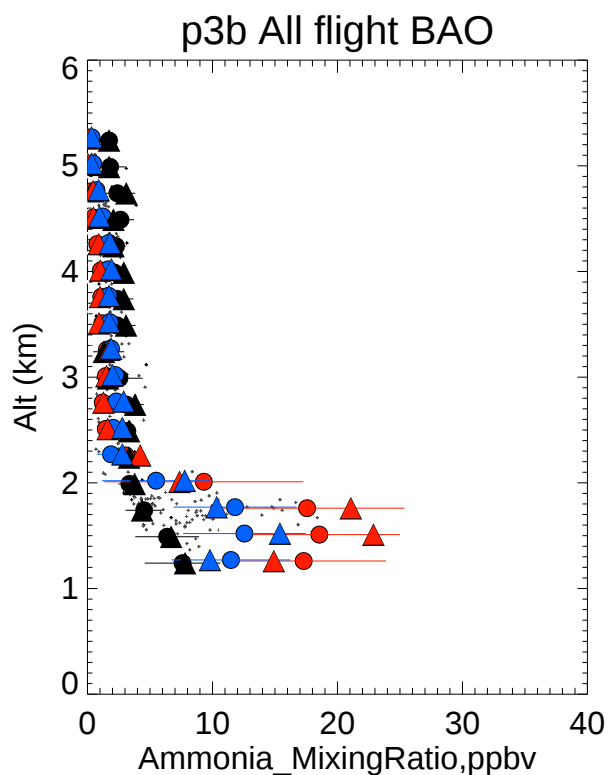


p3b All flight FortCollins

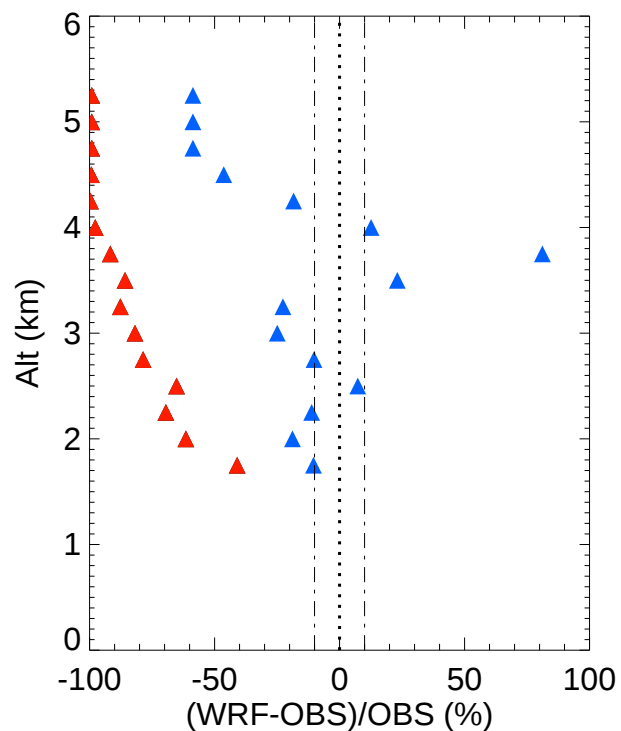
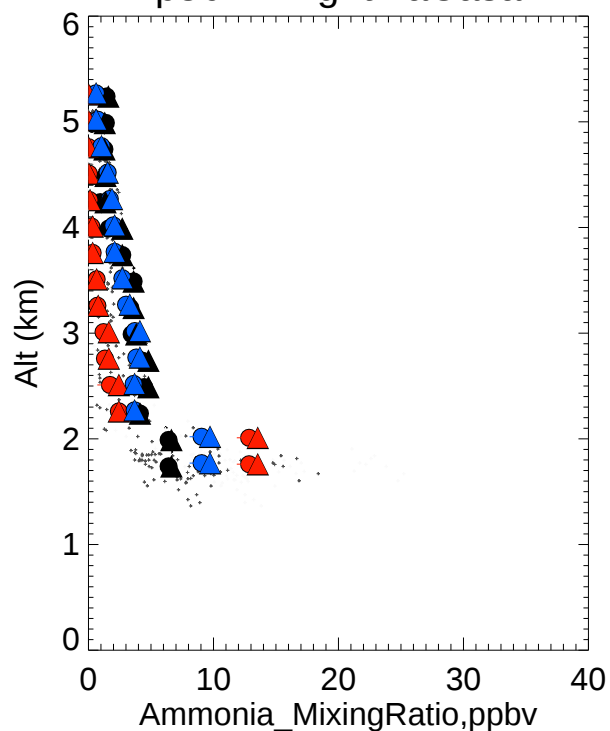


p3b All flight Platteville

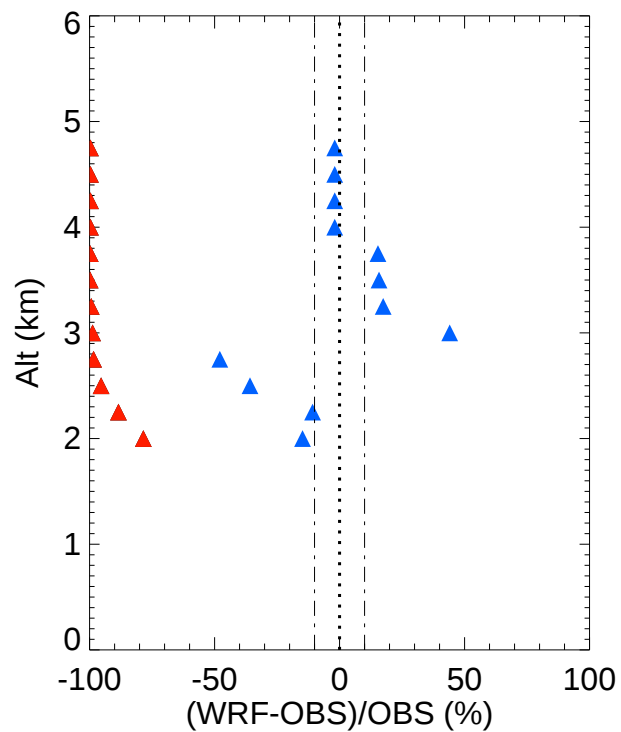
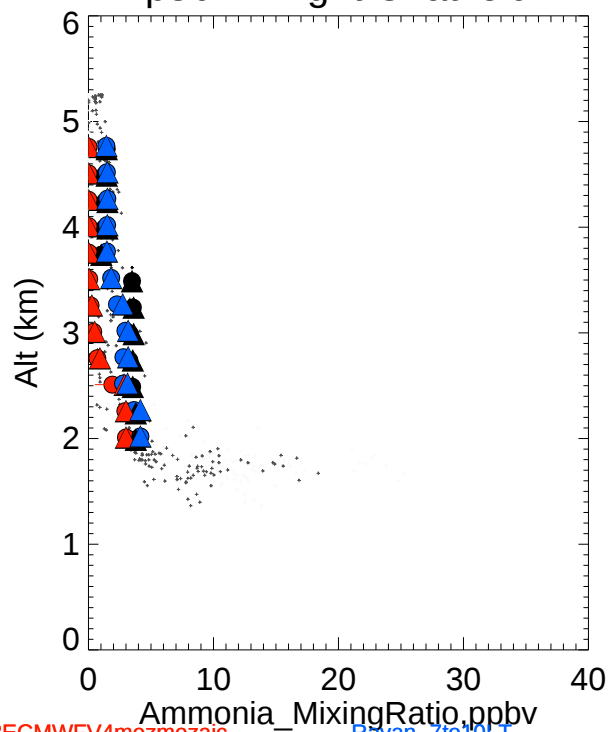




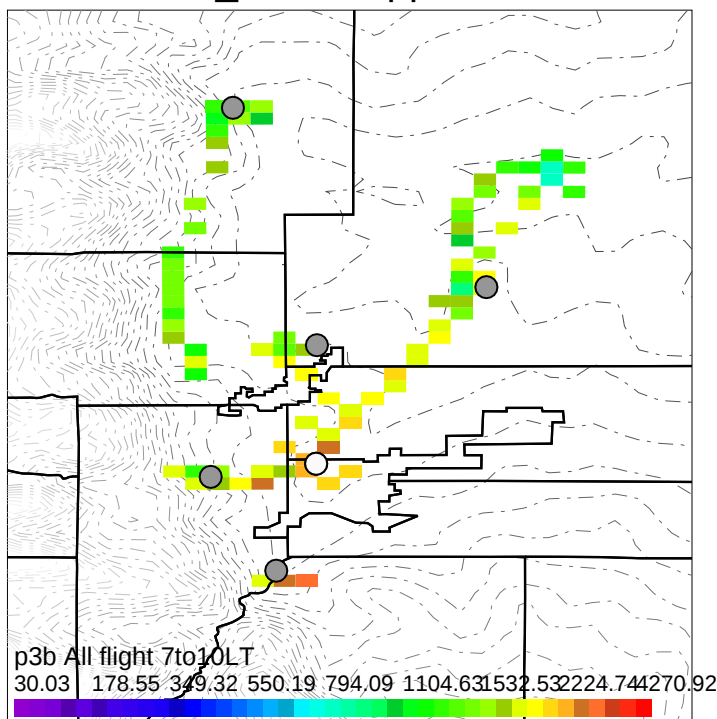
p3b All flight LaCasa



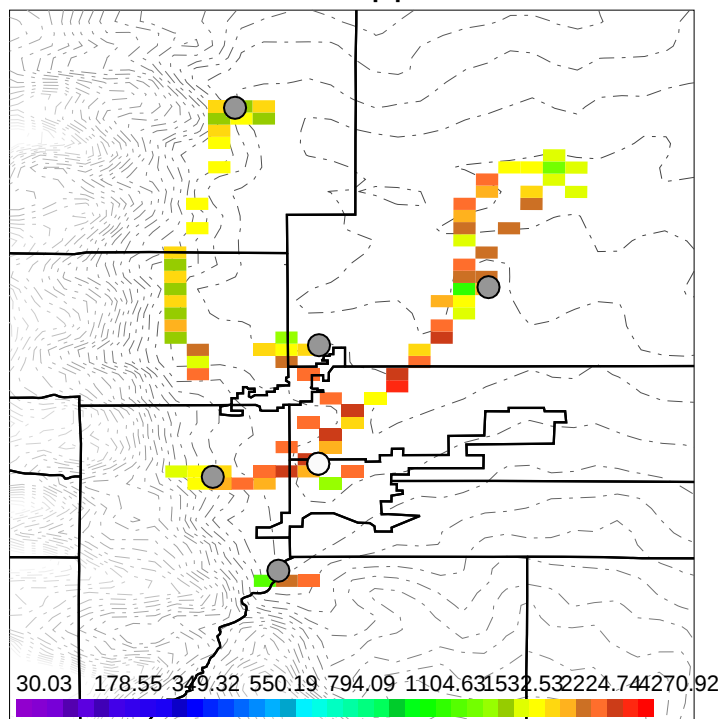
p3b All flight Chatfield



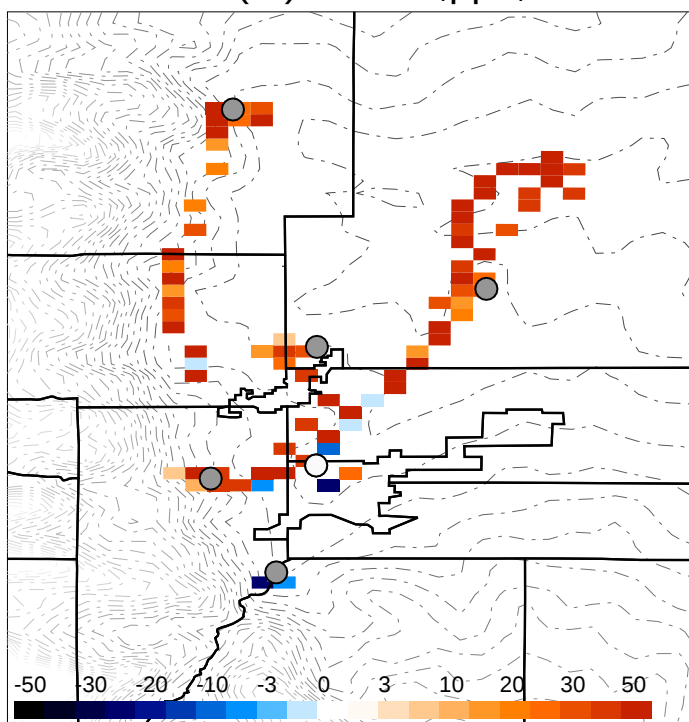
CH2O_DFGAS,pptv < 3 km



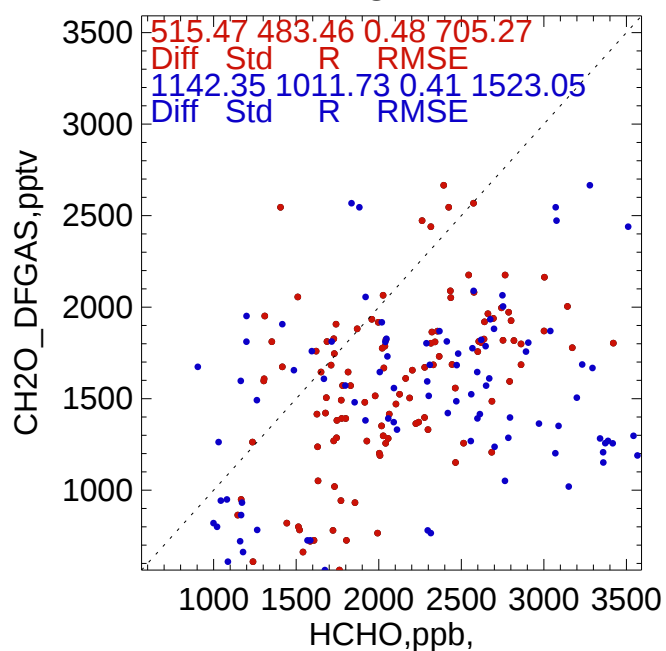
Model HCHO,ppb, < 3 km



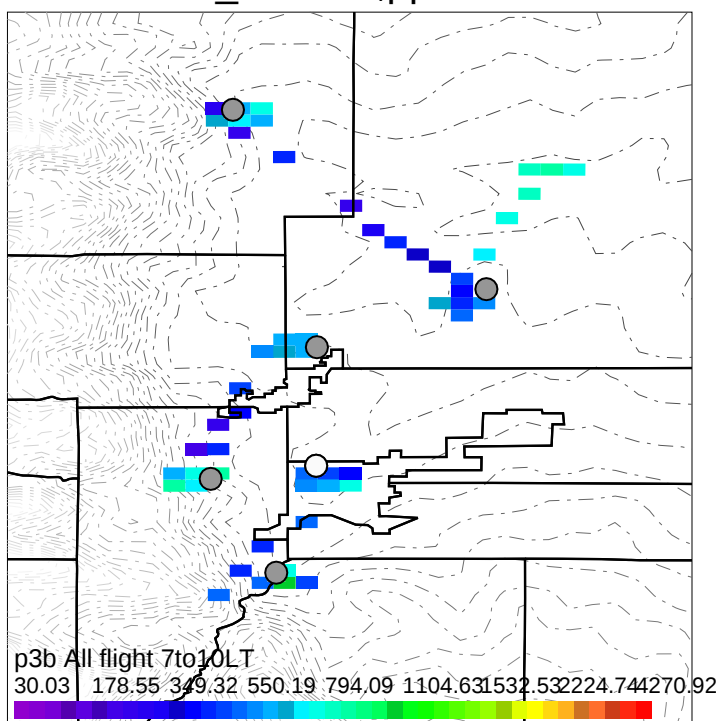
Model-Obs(%) HCHO,ppb, < 3 km



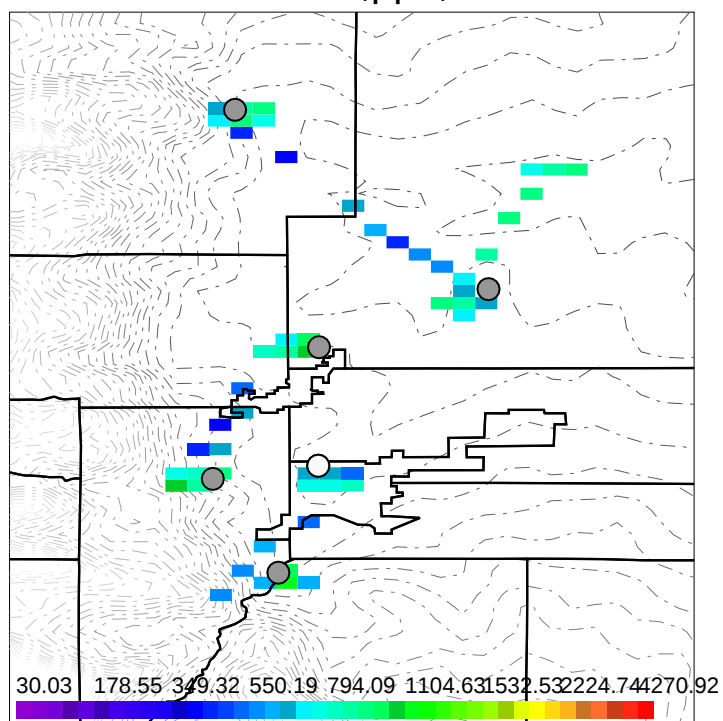
< 3 km



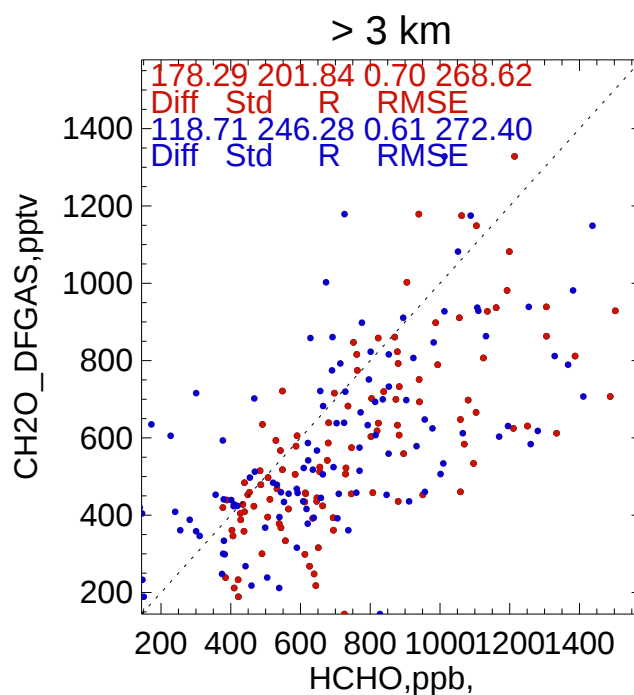
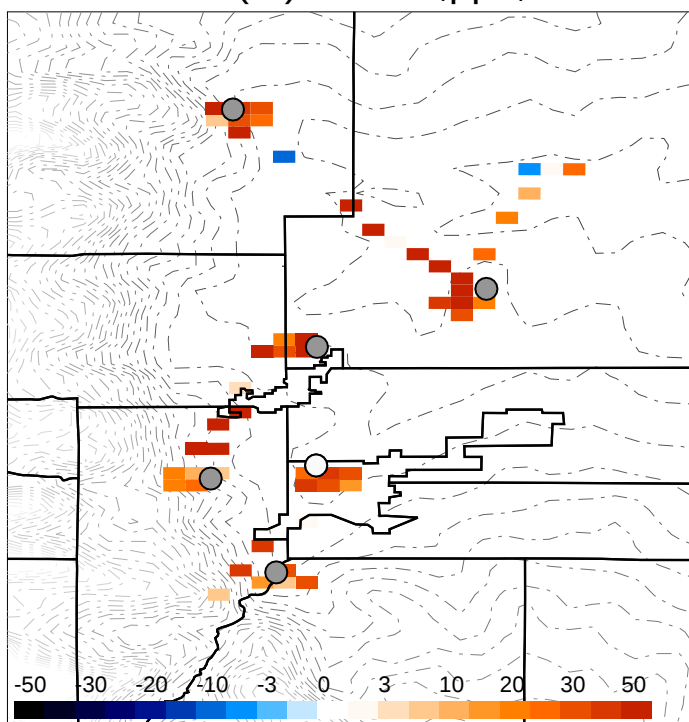
CH2O_DFGAS,pptv > 3 km



Model HCHO,ppb, > 3 km

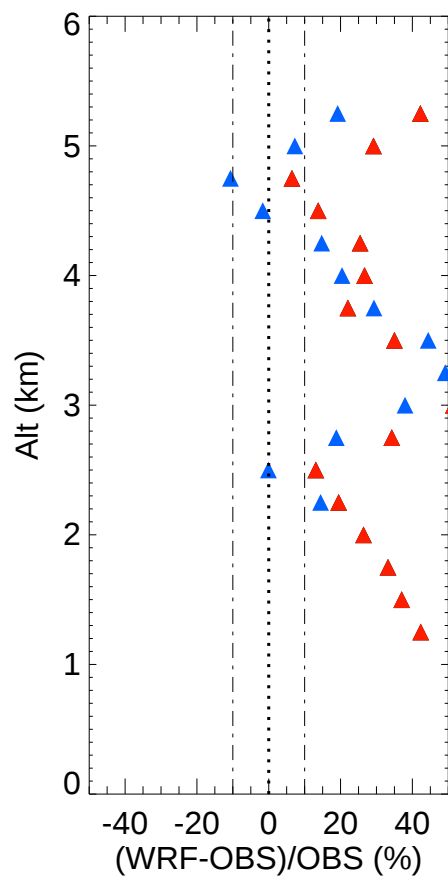
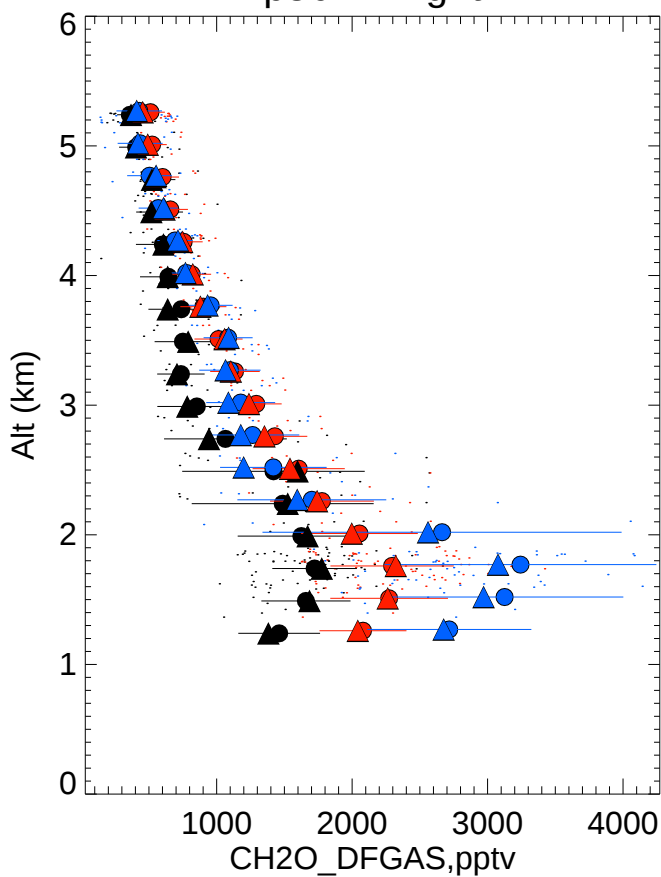
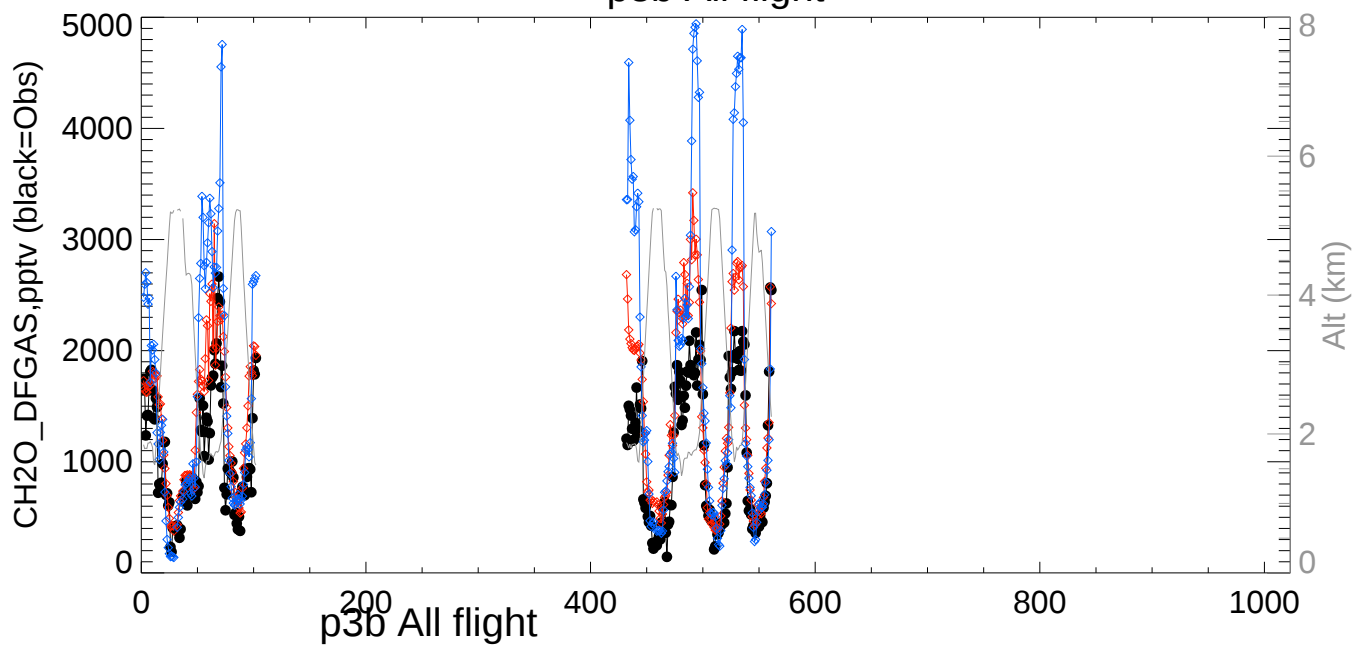


Model-Obs(%) HCHO,ppb, > 3 km

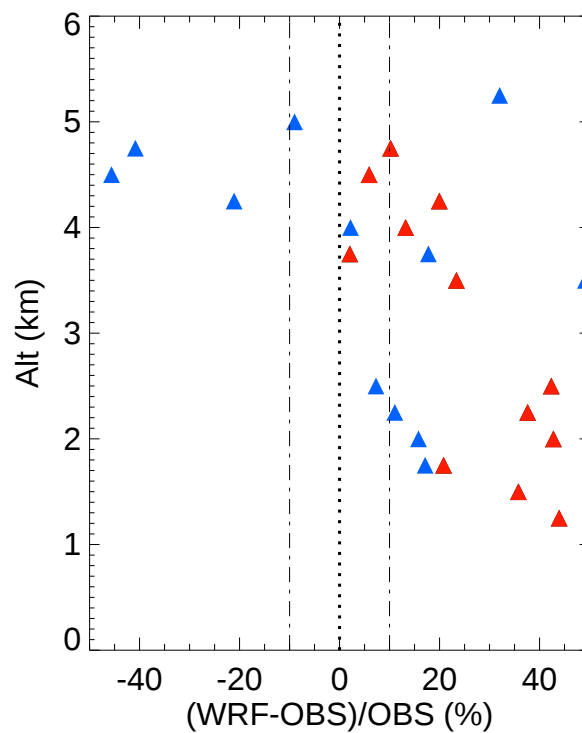
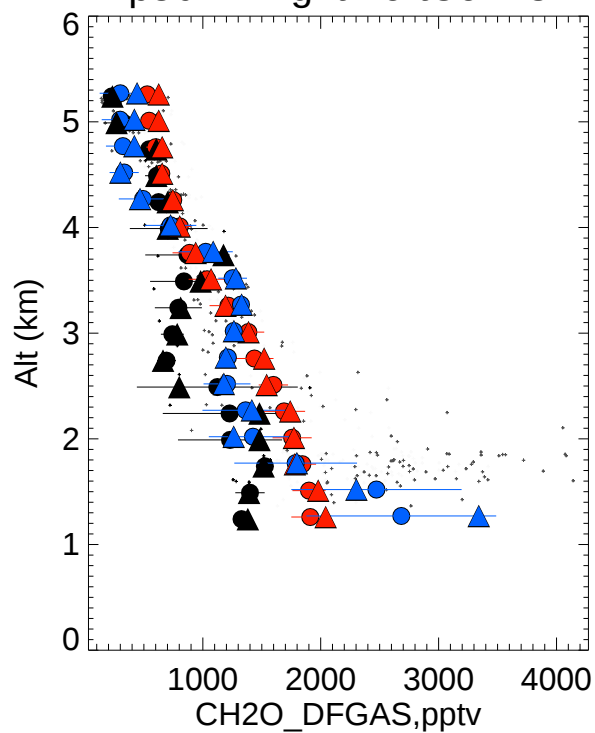


BTXv2ECMWFV4mozmozarRavan- 7to10LT

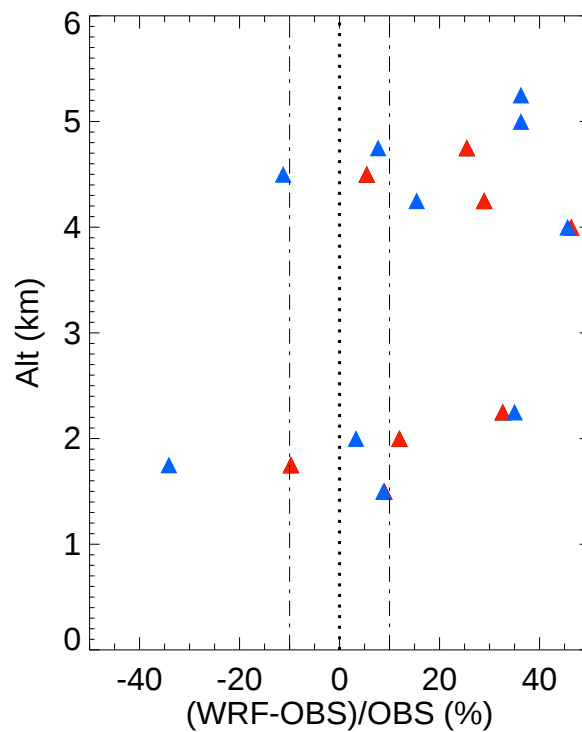
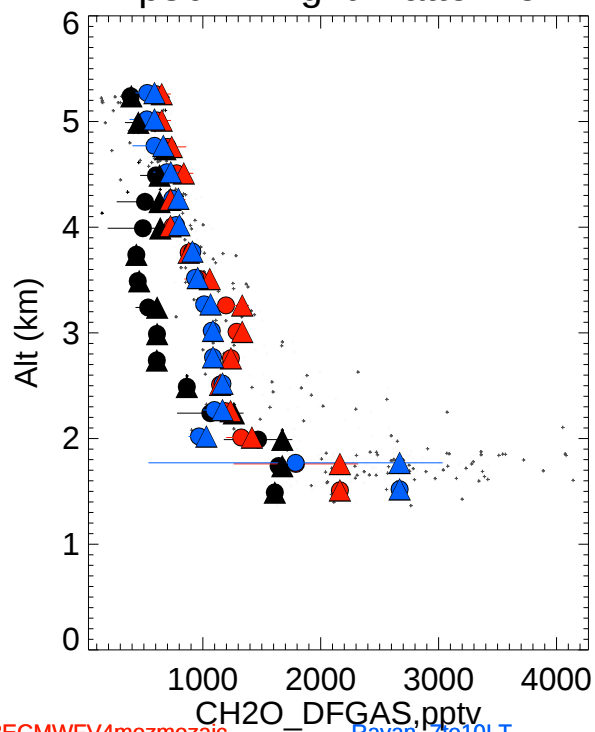
p3b All flight

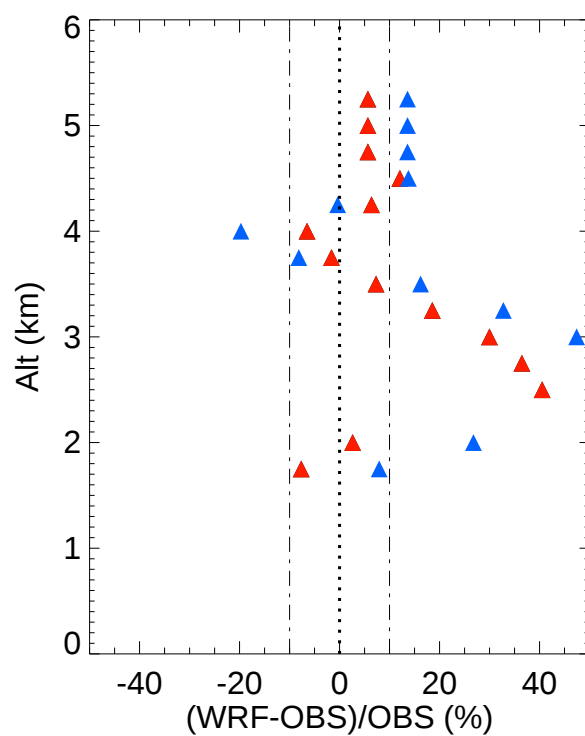
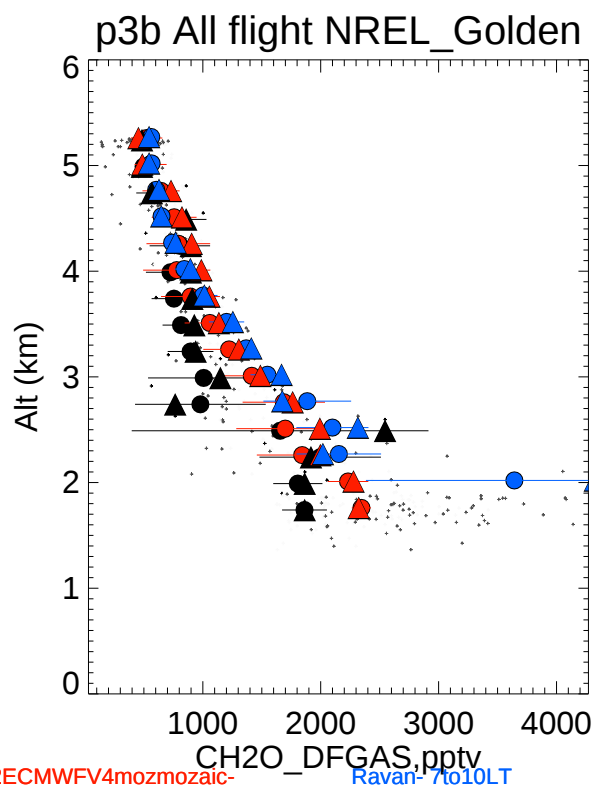
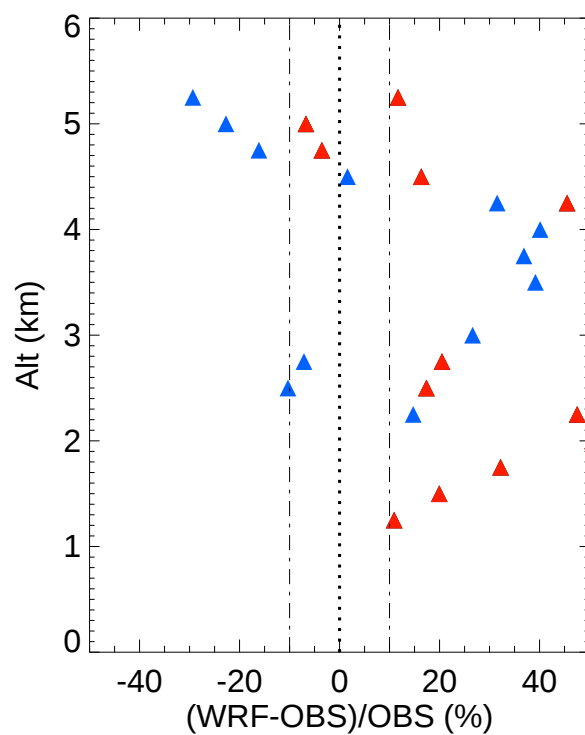
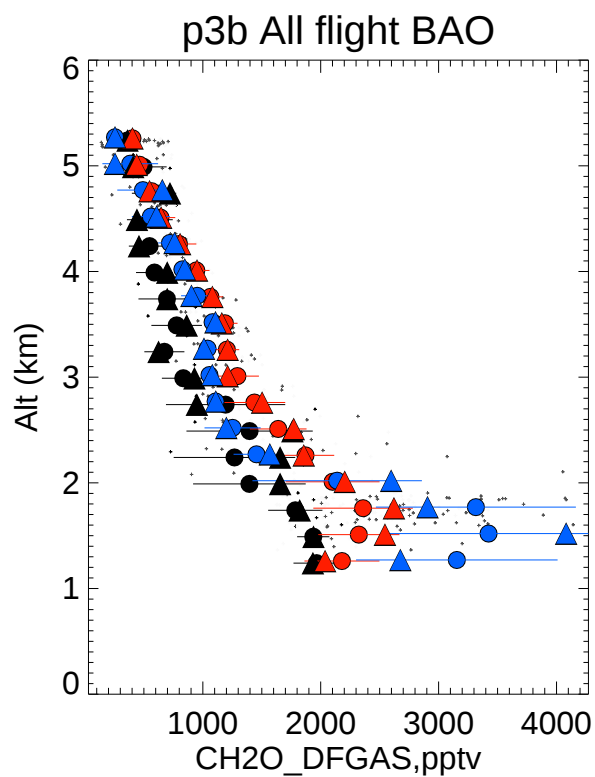


p3b All flight FortCollins

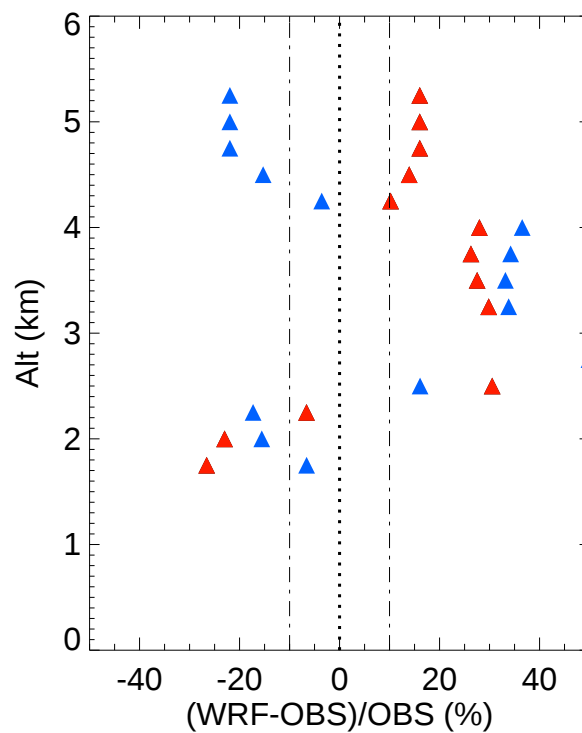
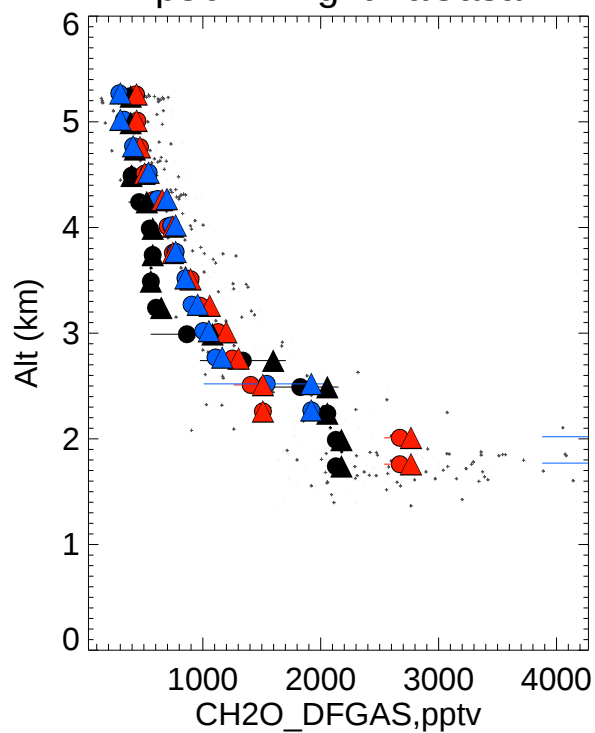


p3b All flight Platteville

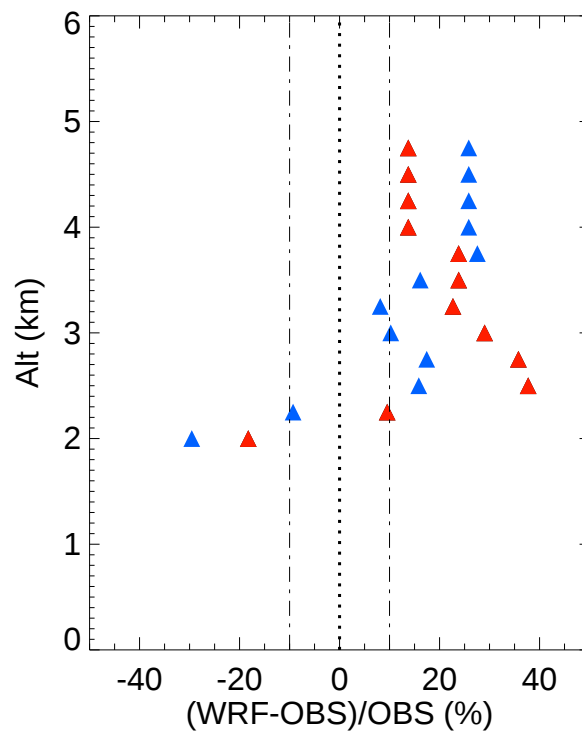
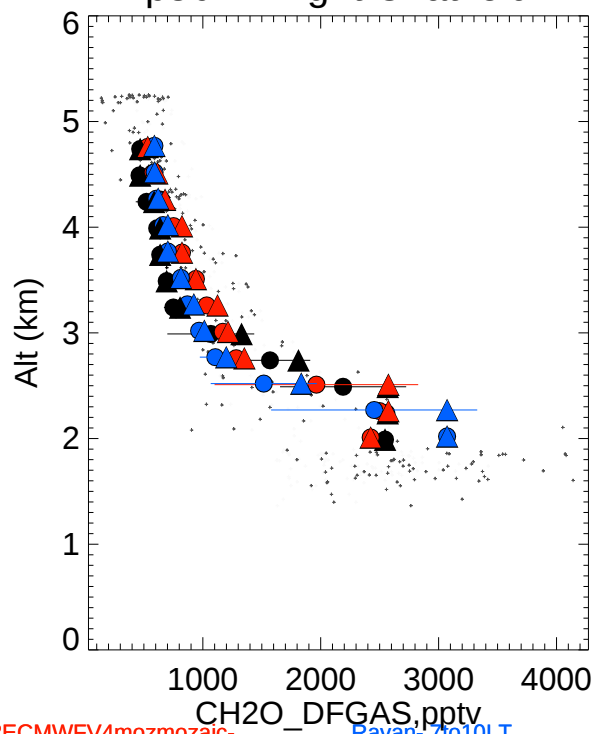




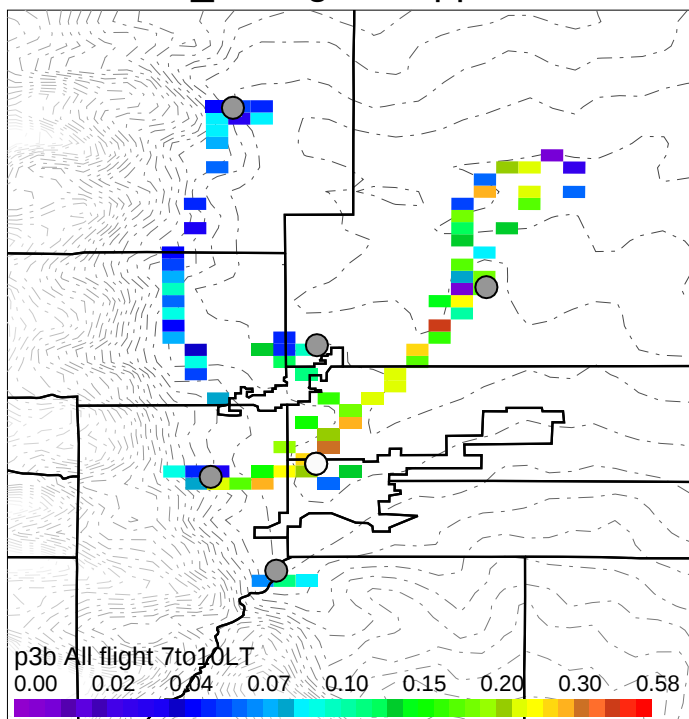
p3b All flight LaCasa



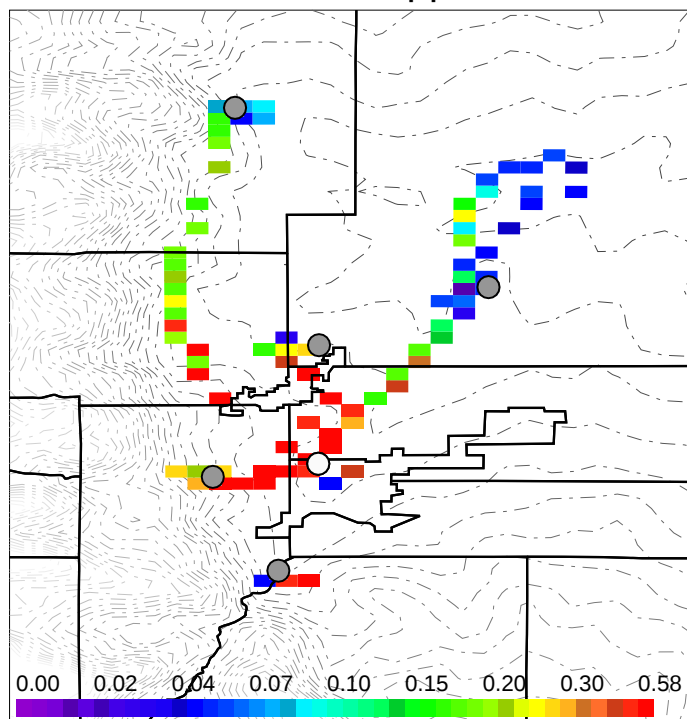
p3b All flight Chatfield



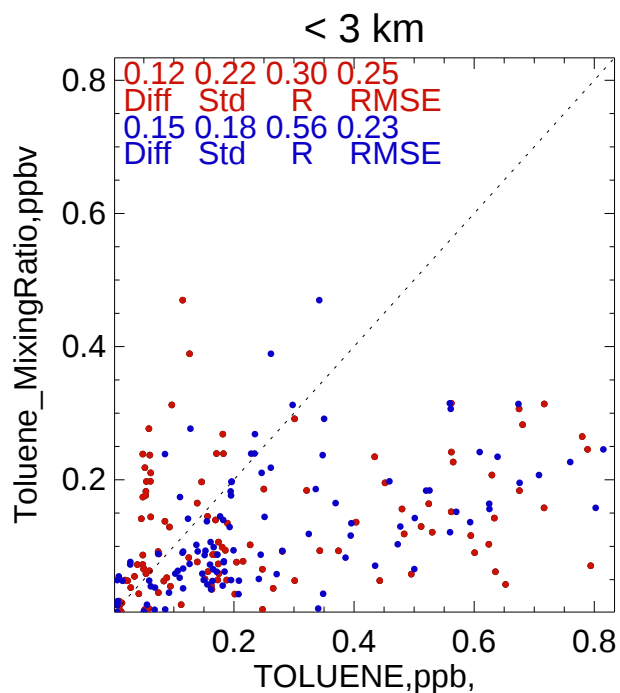
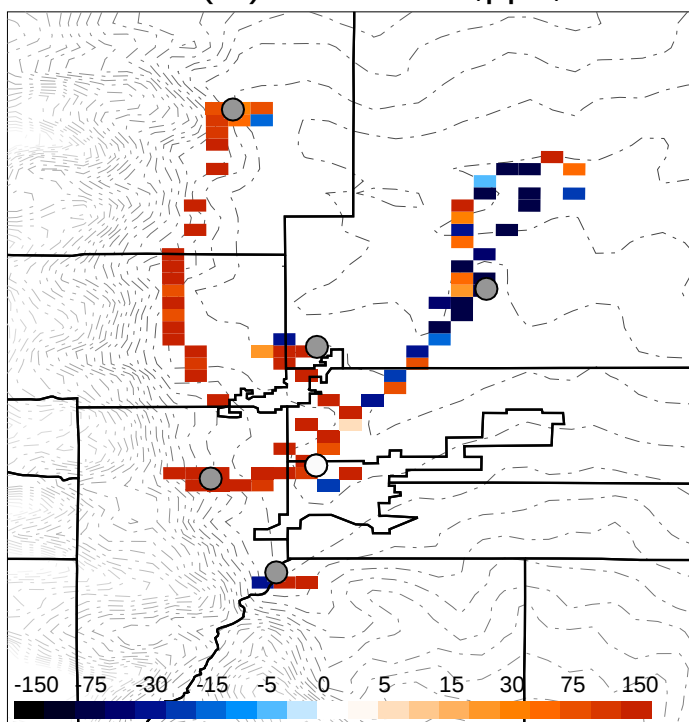
Toluene_MixingRatio,ppbv < 3 km



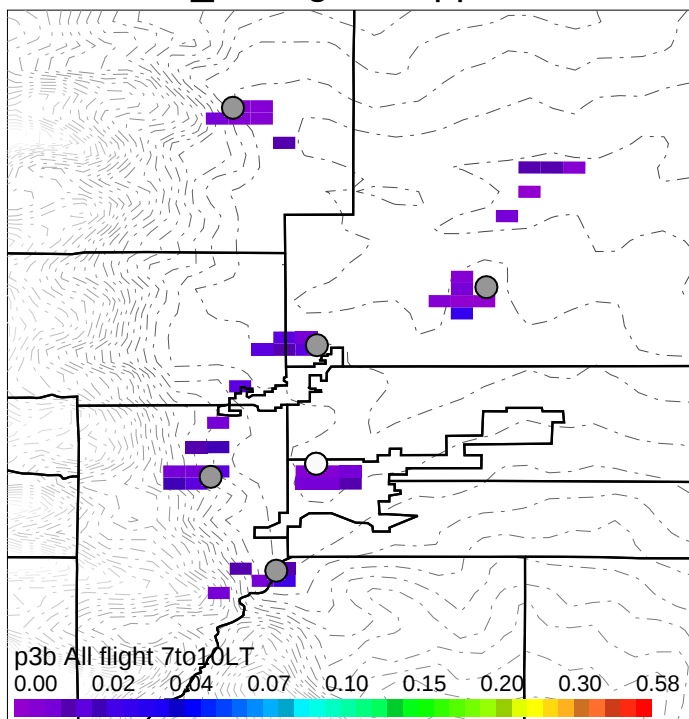
Model TOLUENE,ppb, < 3 km



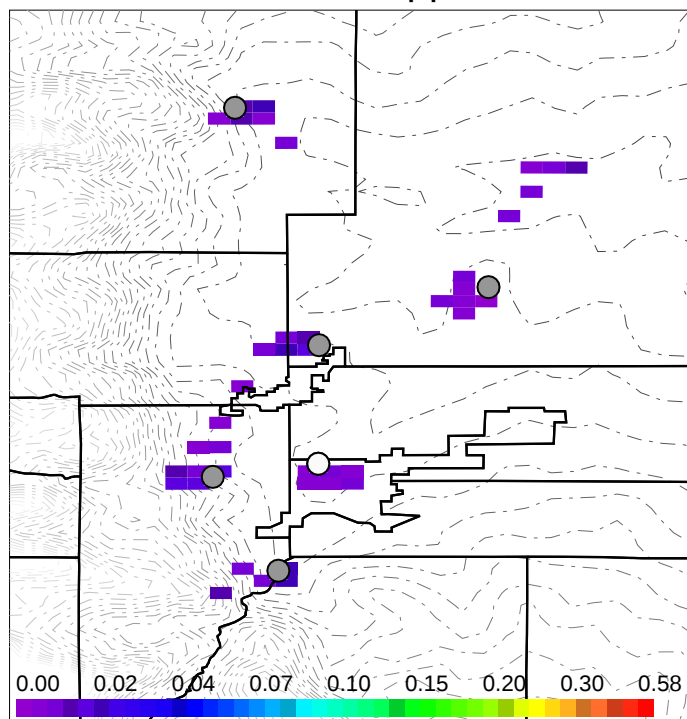
Model-Obs(%) TOLUENE,ppb, < 3 km



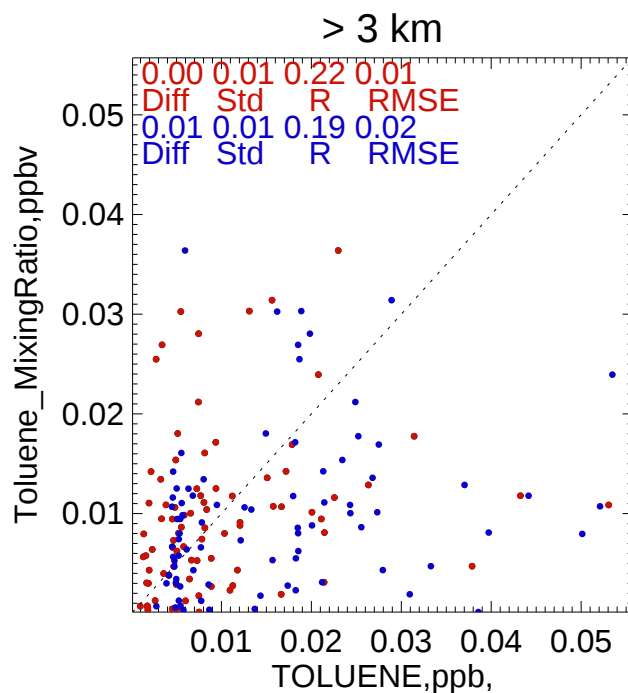
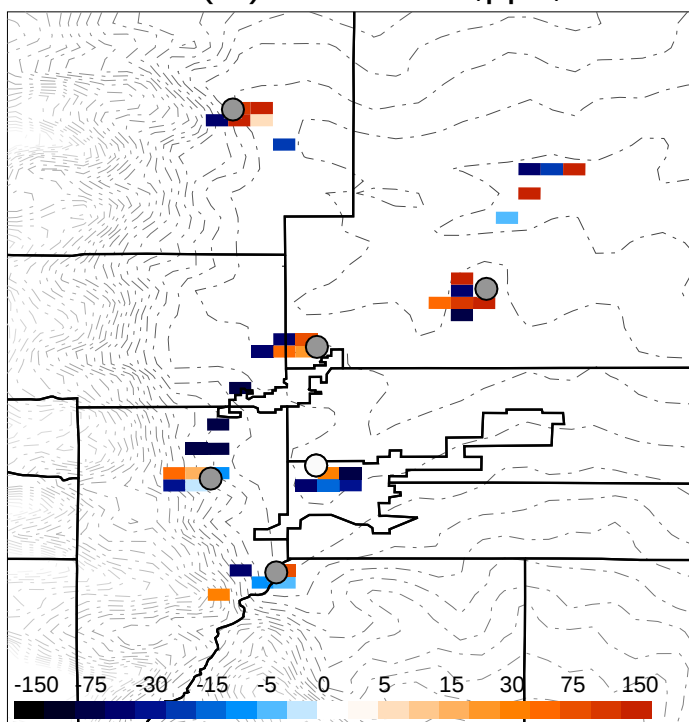
Toluene_MixingRatio,ppbv > 3 km



Model TOLUENE,ppb, > 3 km

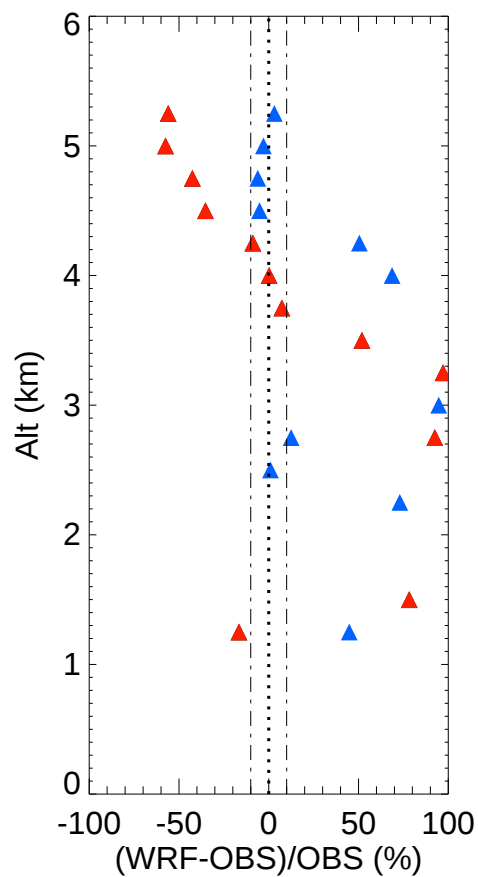
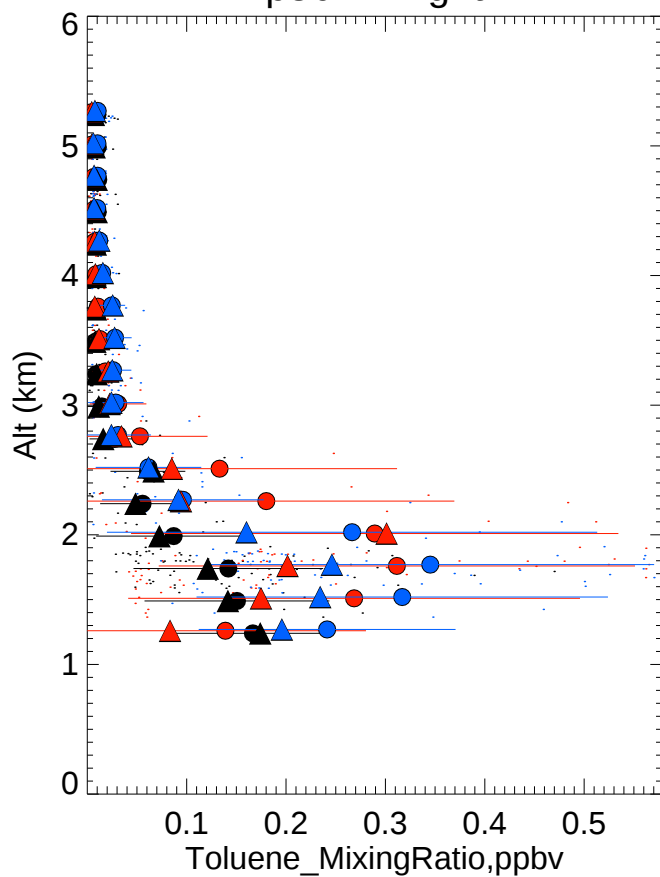
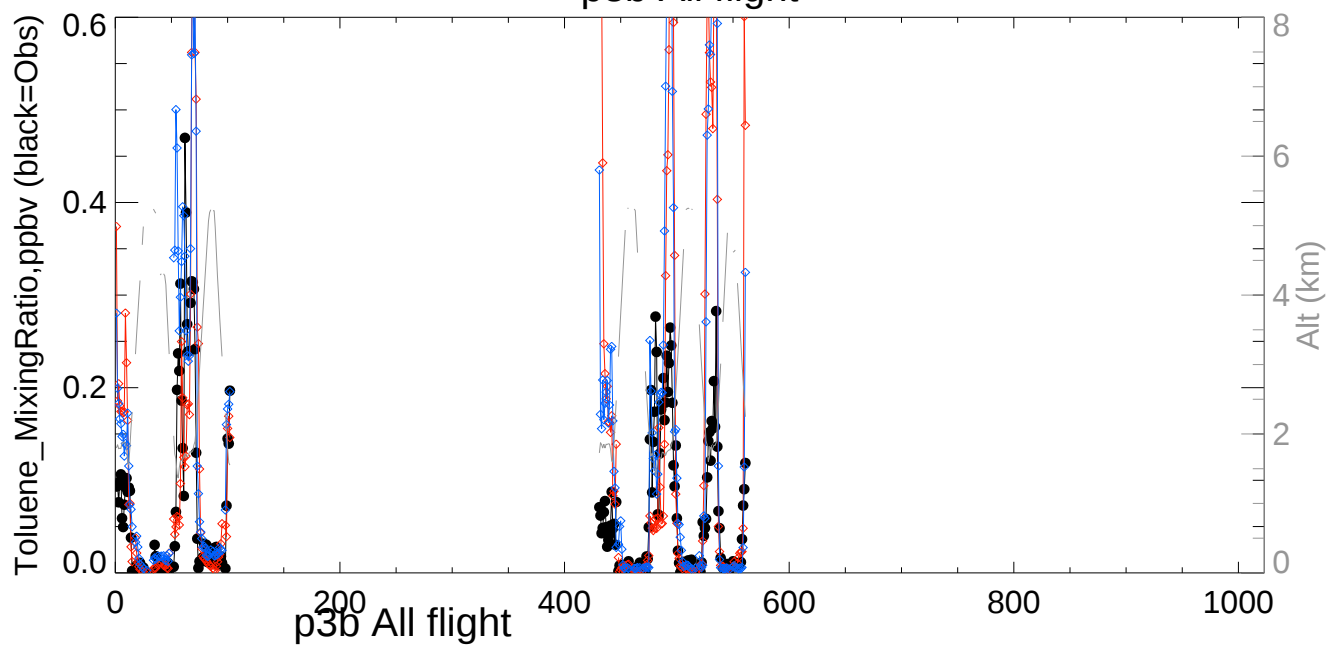


Model-Obs(%) TOLUENE,ppb, > 3 km

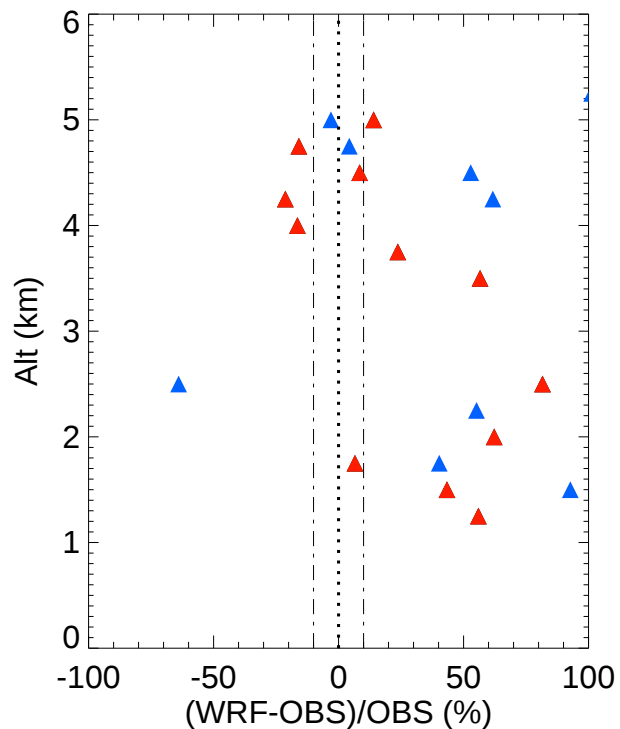
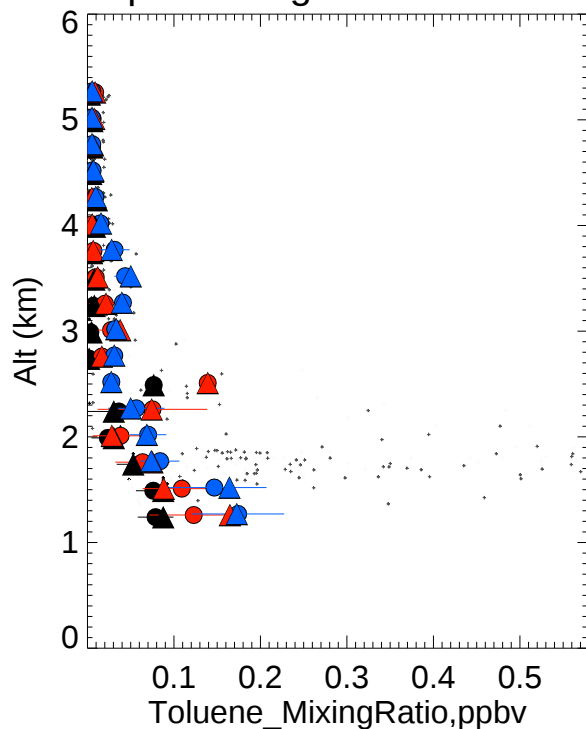


BTXv2ECMWFV4mozmozarRavan- 7to10LT

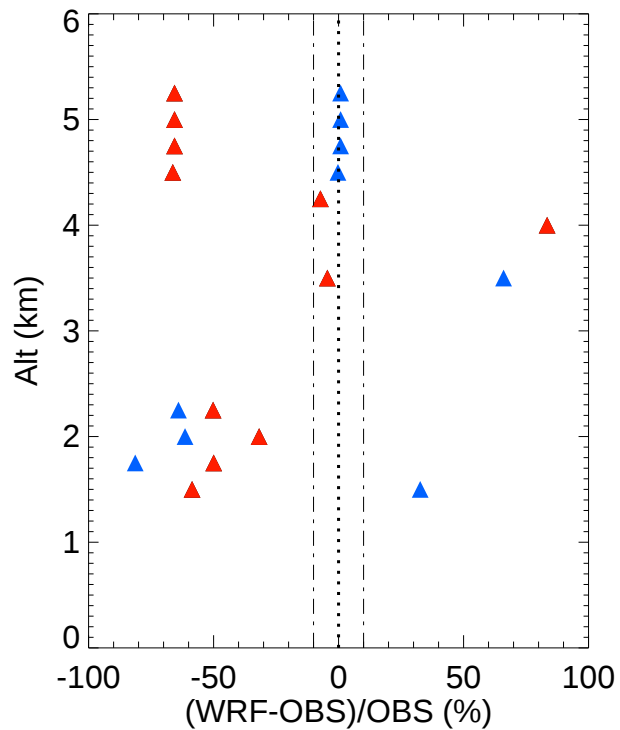
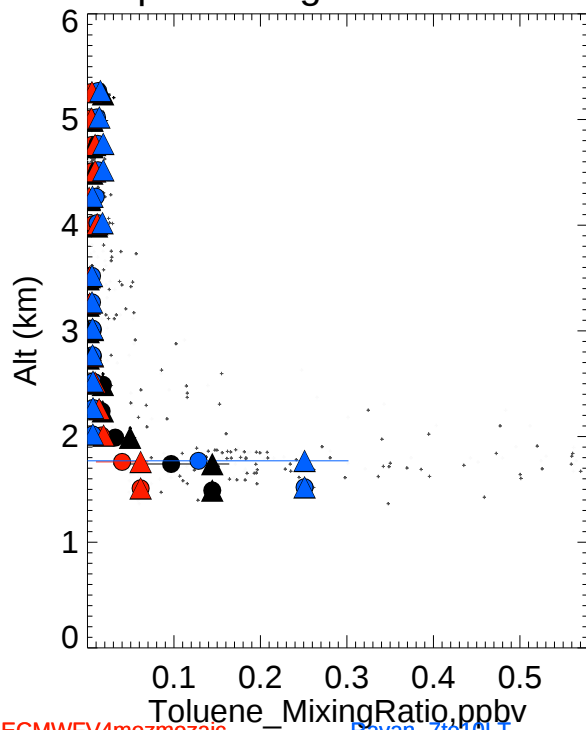
p3b All flight

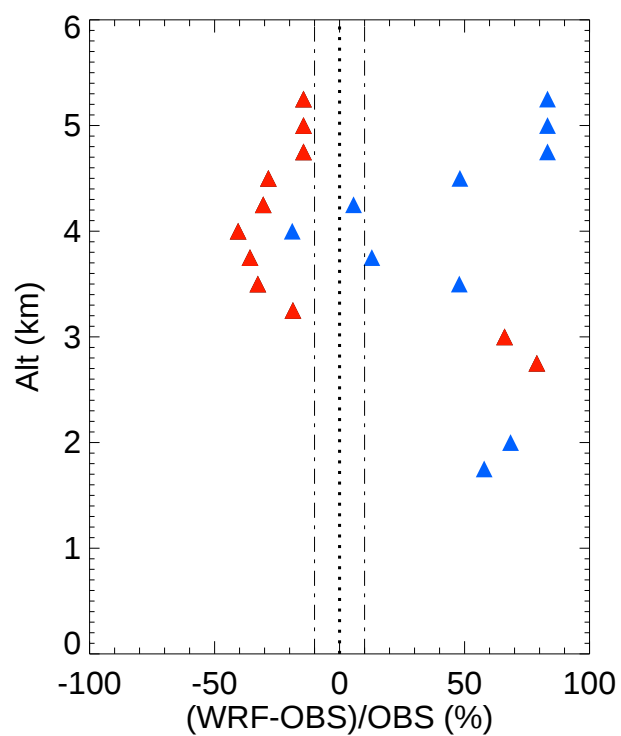
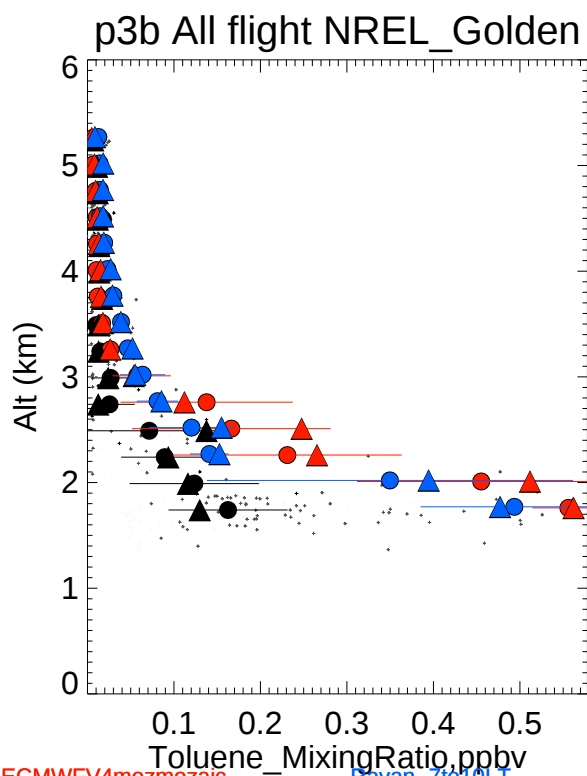
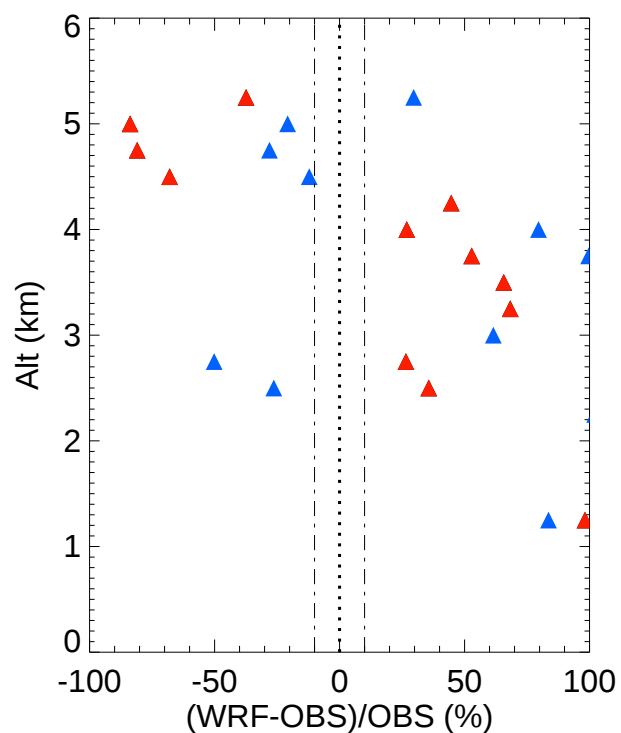
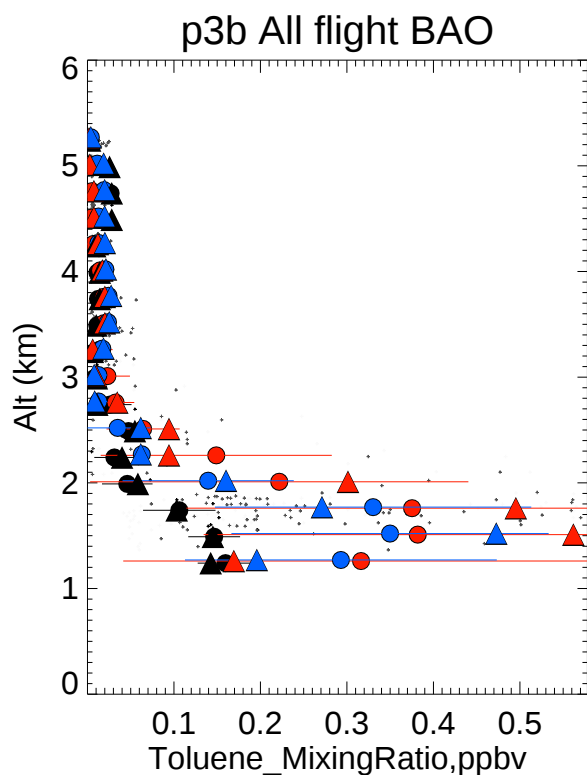


p3b All flight FortCollins

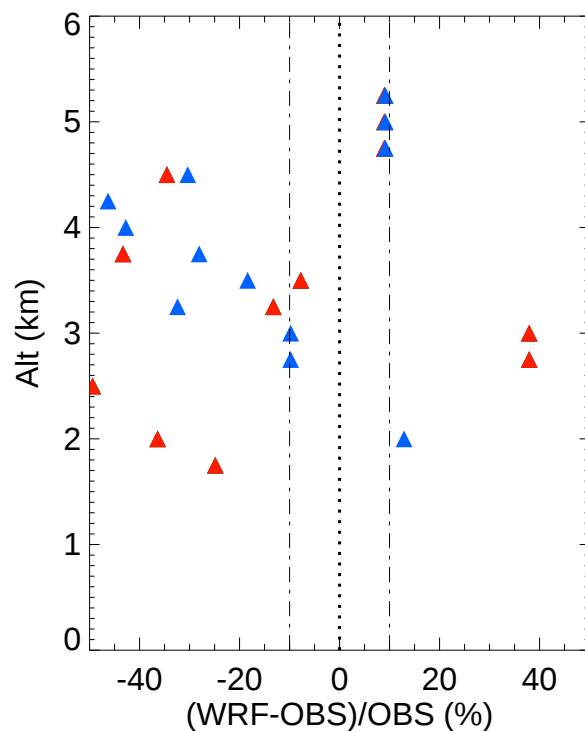
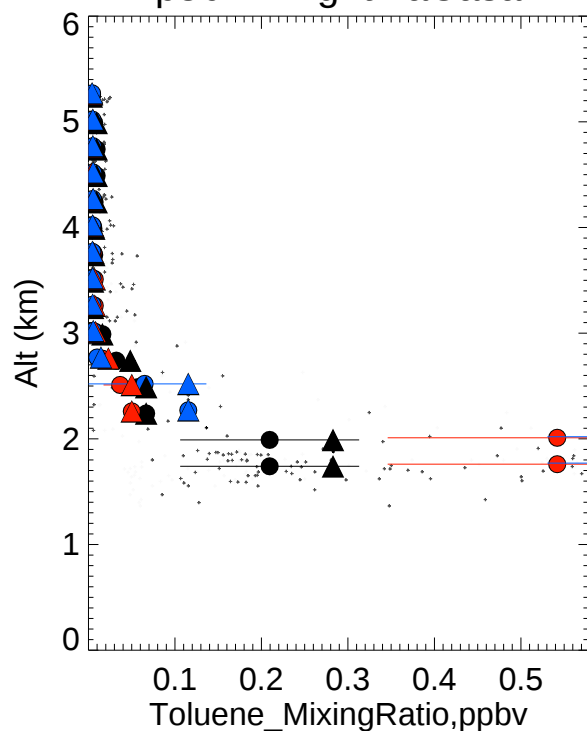


p3b All flight Platteville

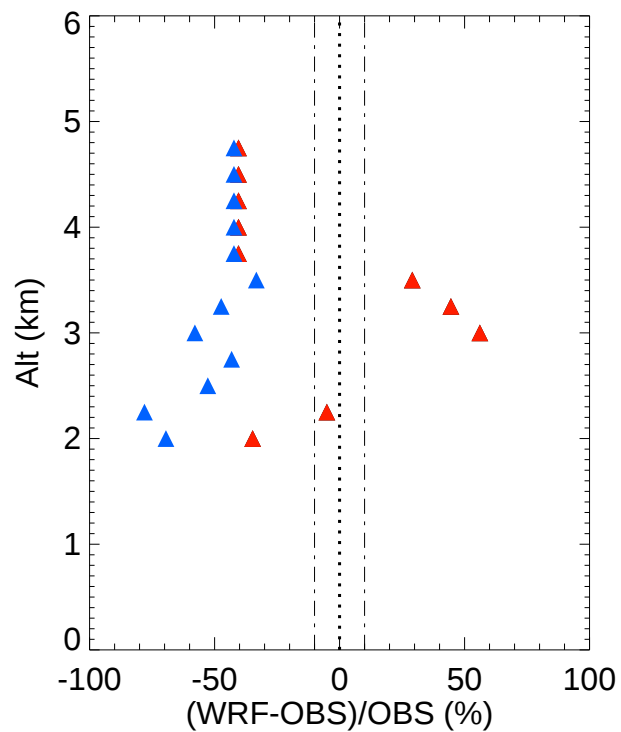
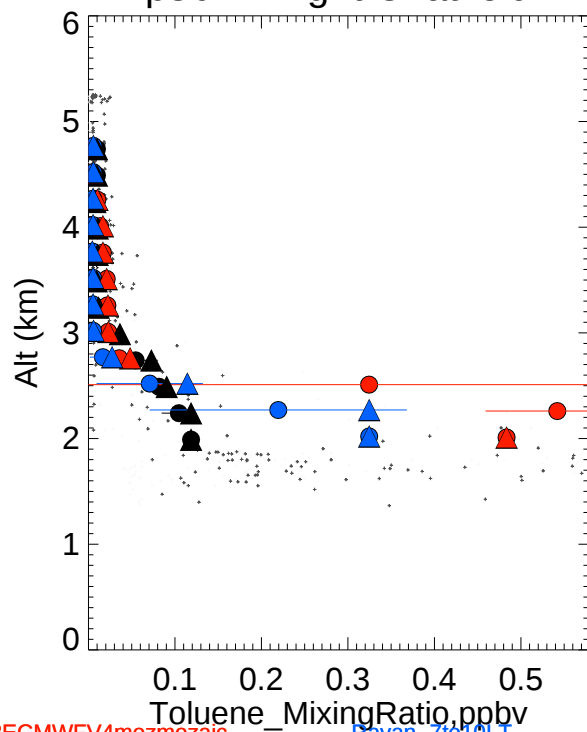




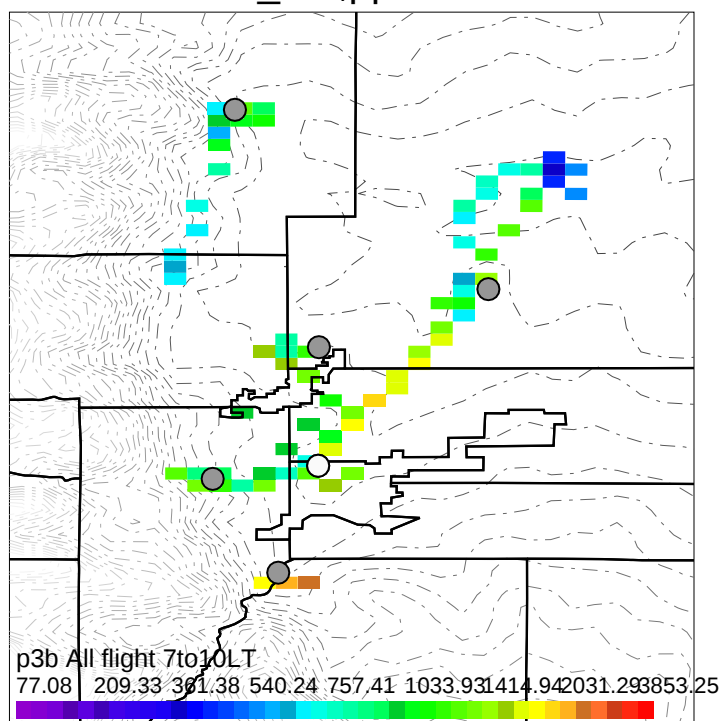
p3b All flight LaCasa



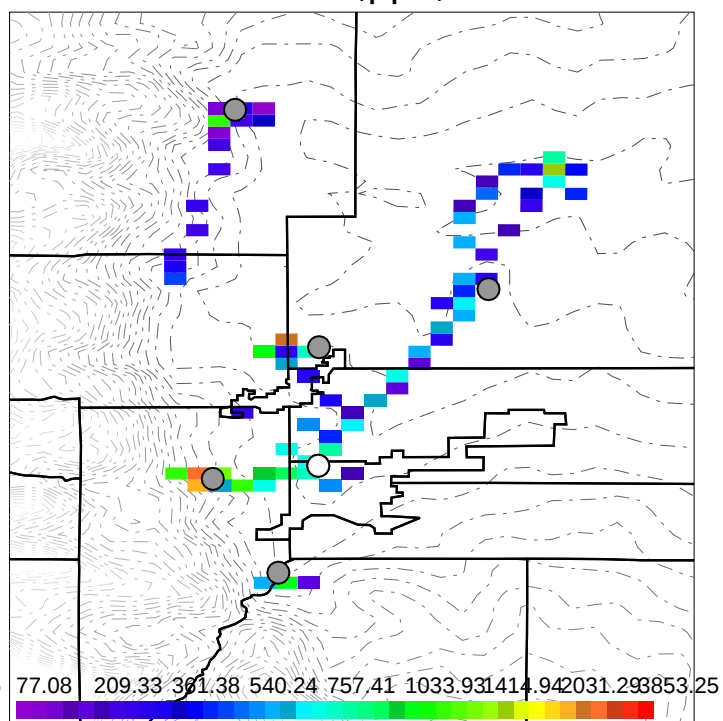
p3b All flight Chatfield



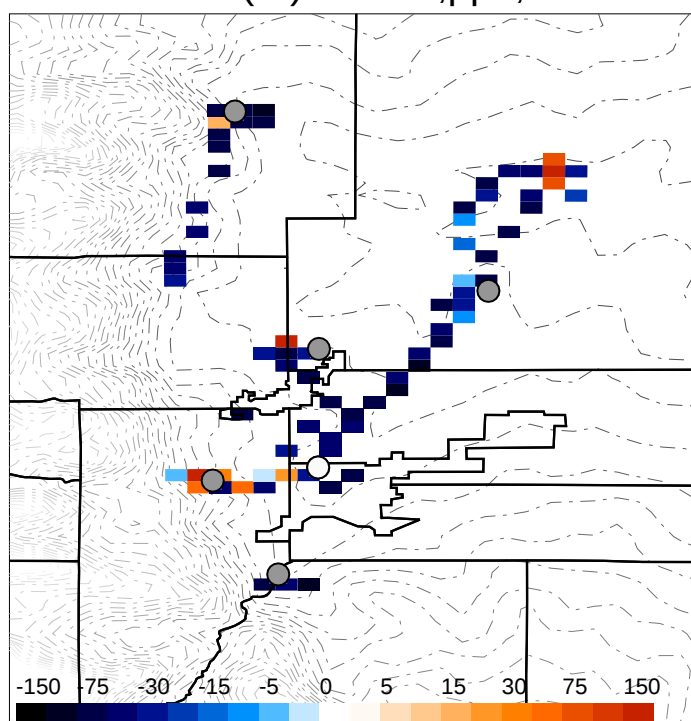
HNO₃_LIF,pptv < 3 km



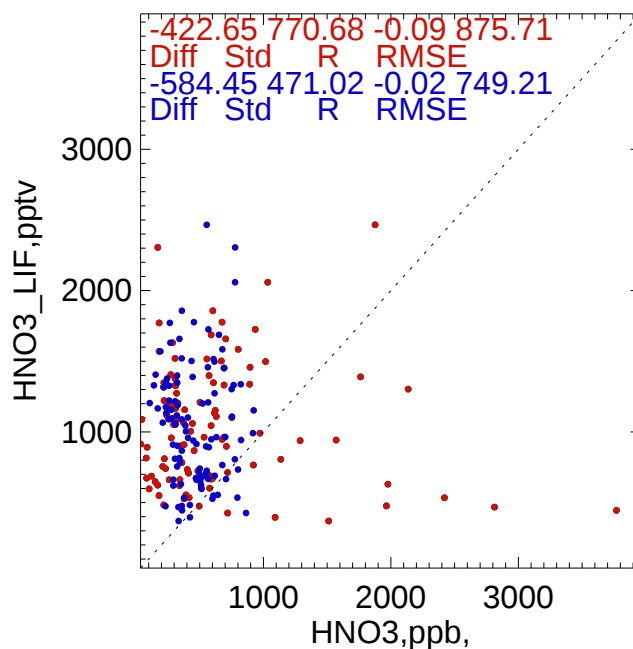
Model HNO₃,ppb, < 3 km



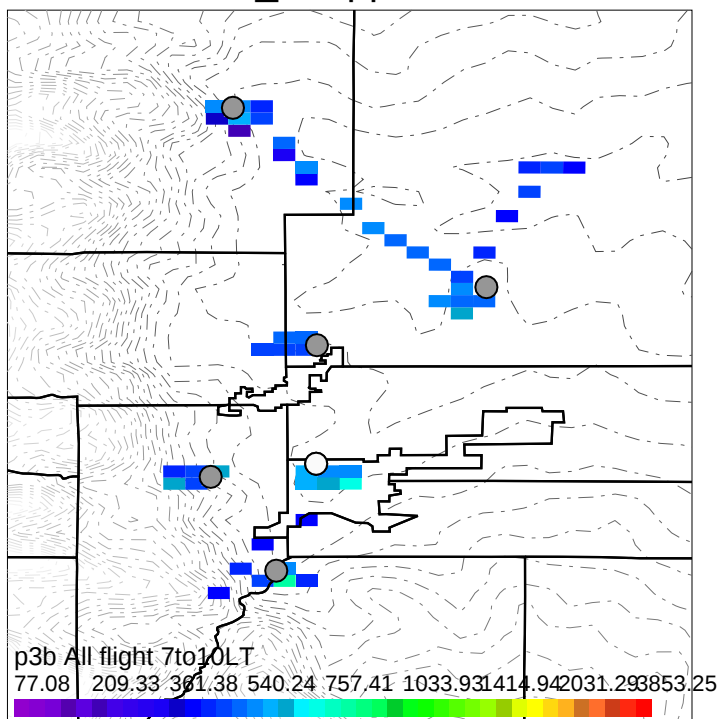
Model-Obs(%) HNO₃,ppb, < 3 km



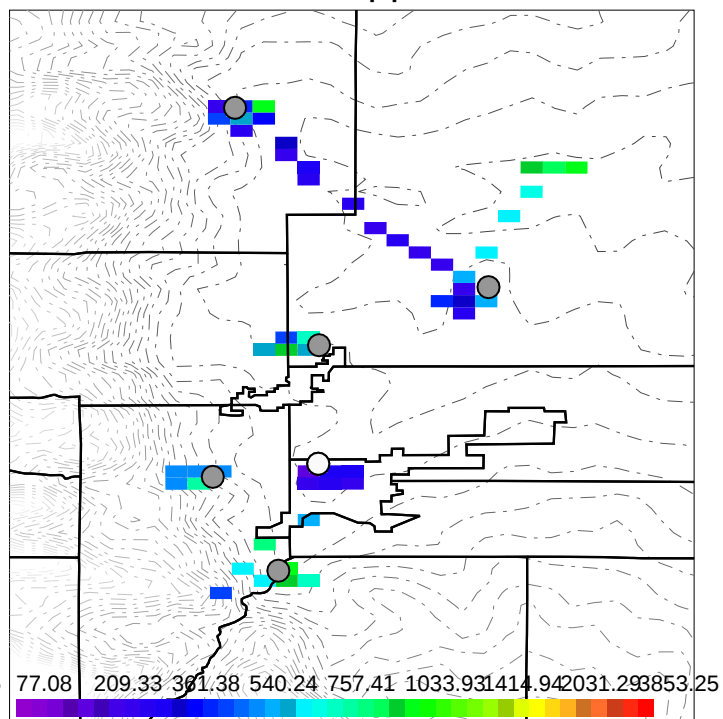
< 3 km



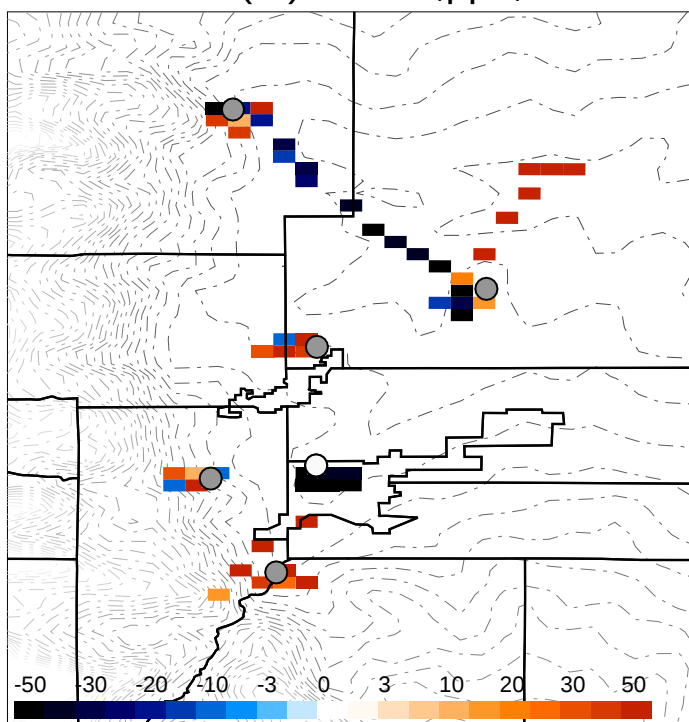
HNO₃_LIF, pptv > 3 km



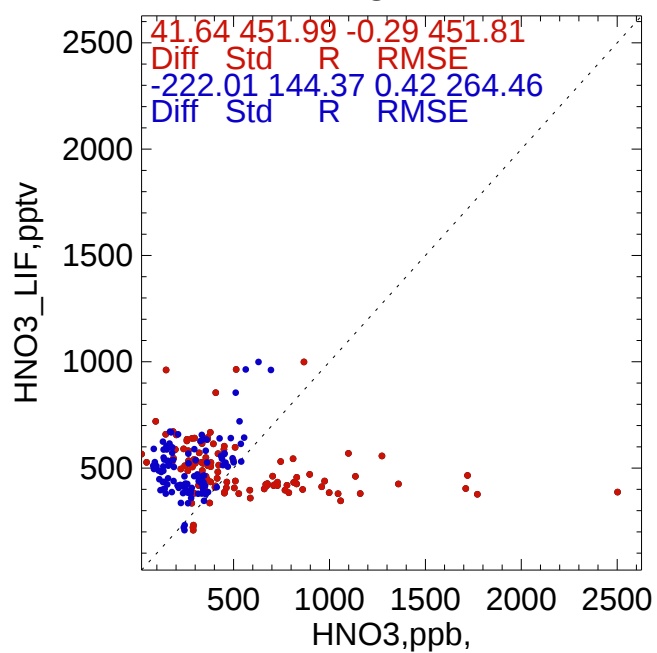
Model HNO₃, ppb, > 3 km



Model-Obs(%) HNO₃, ppb, > 3 km

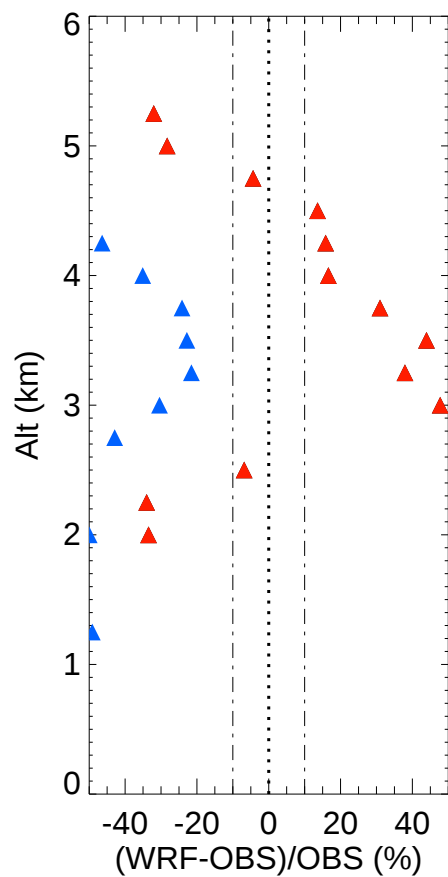
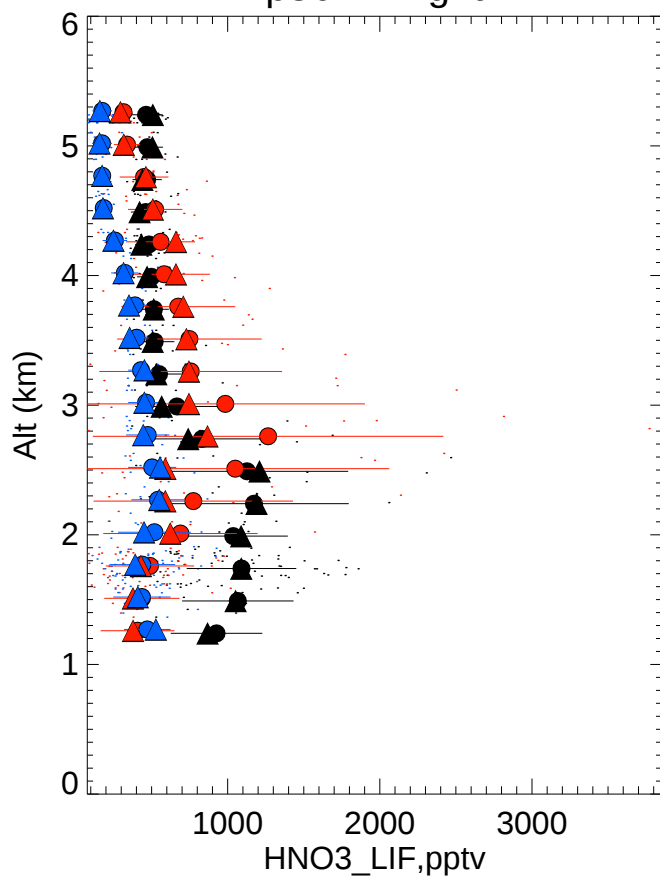
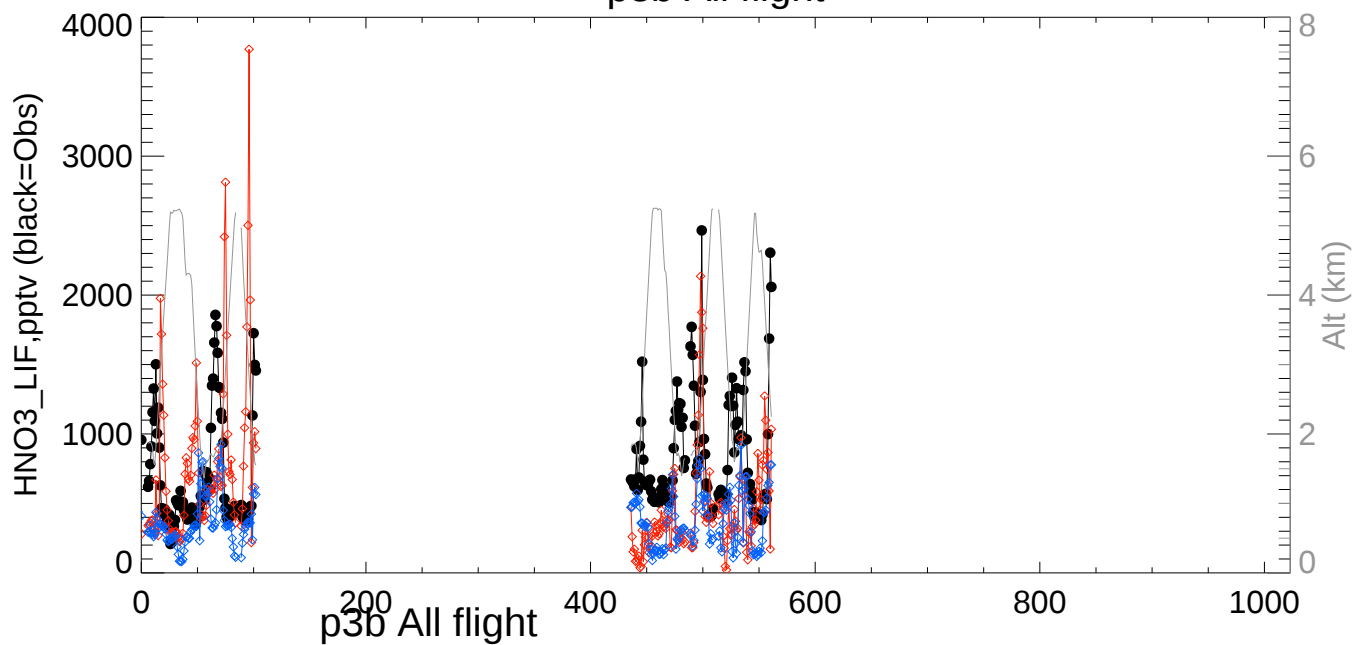


> 3 km

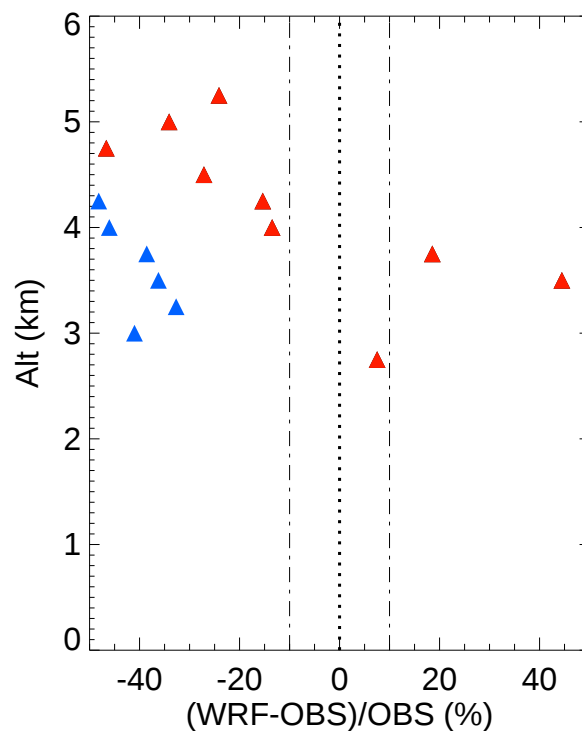
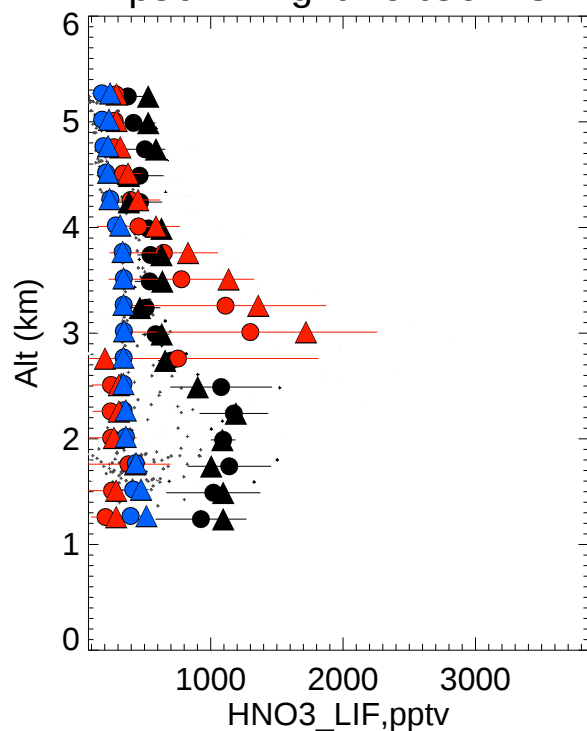


BTXv2ECMWFV4mozmozarRavan- 7to10LT

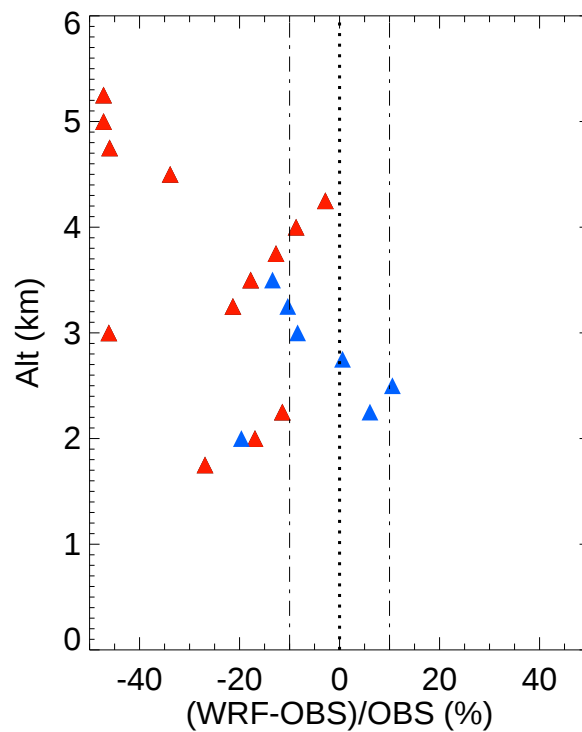
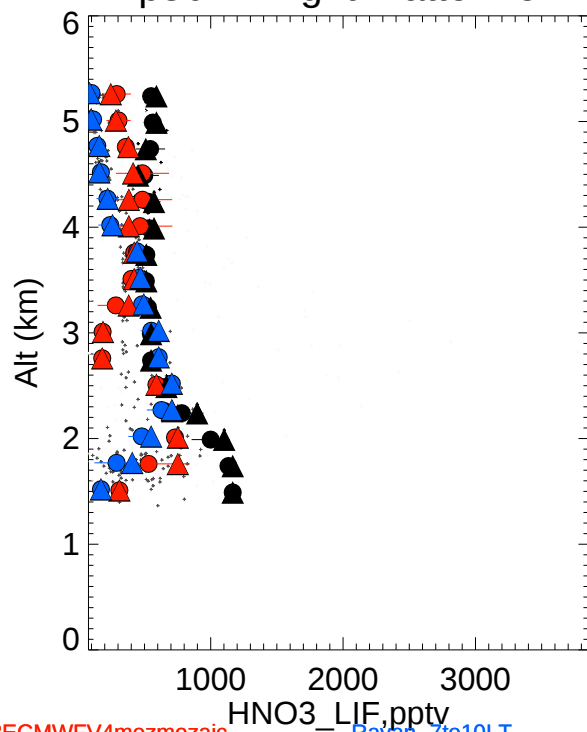
p3b All flight

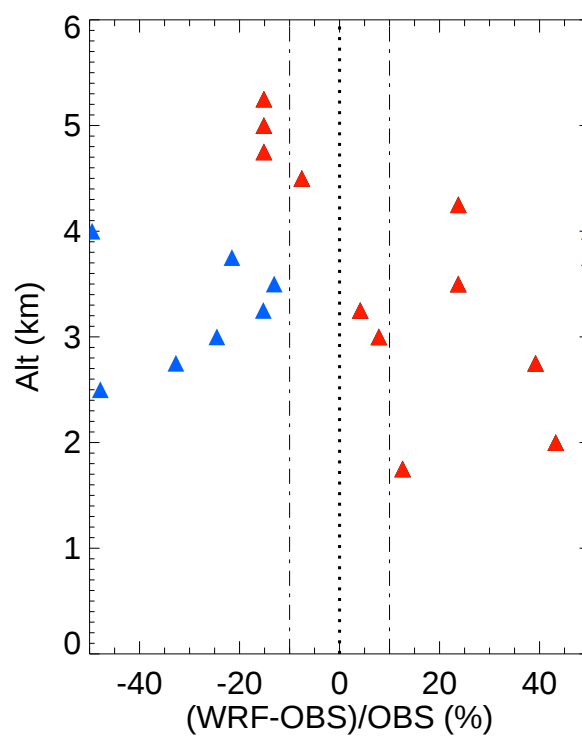
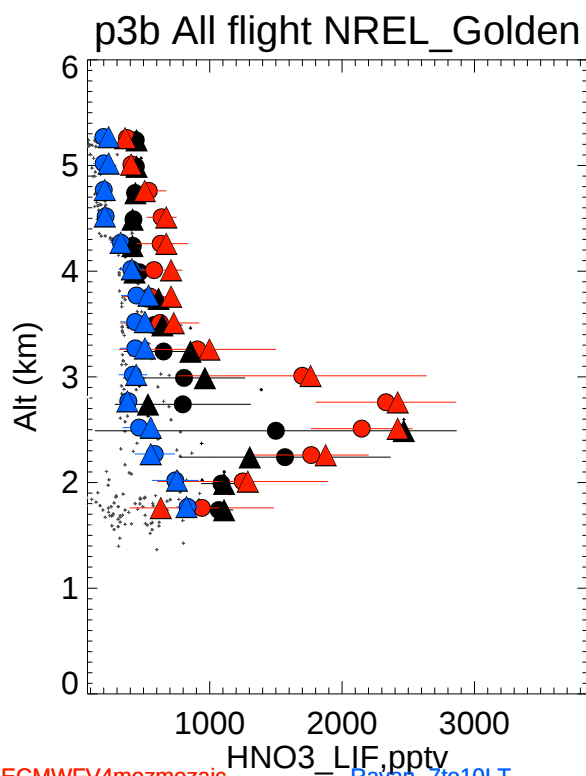
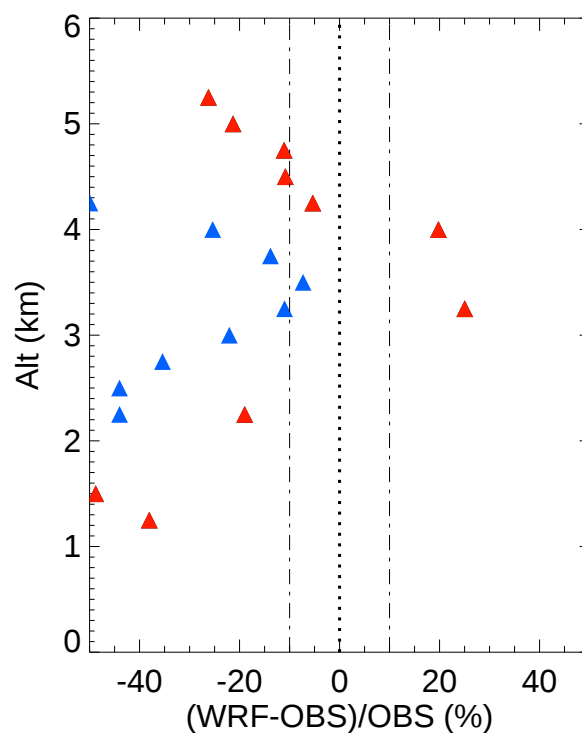
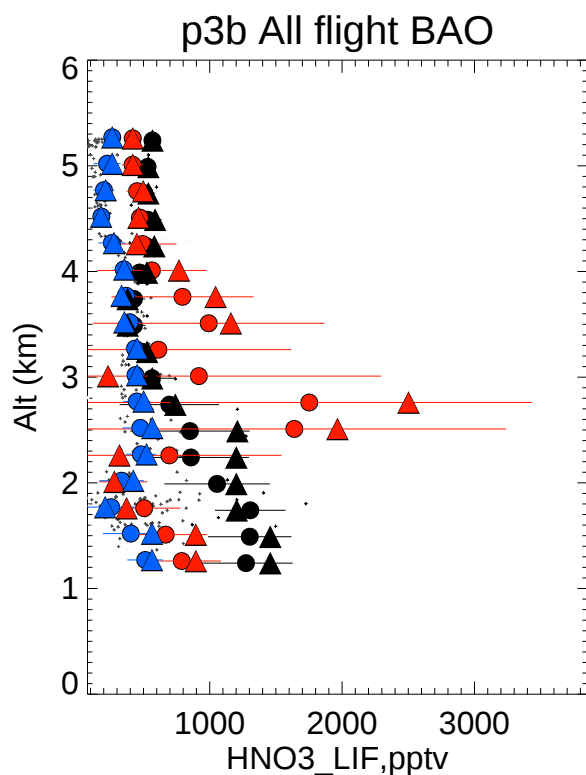


p3b All flight FortCollins

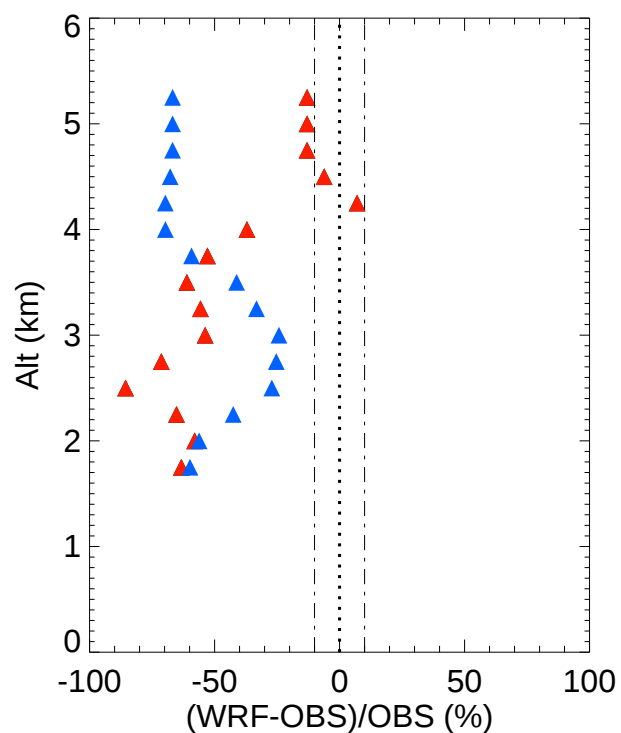
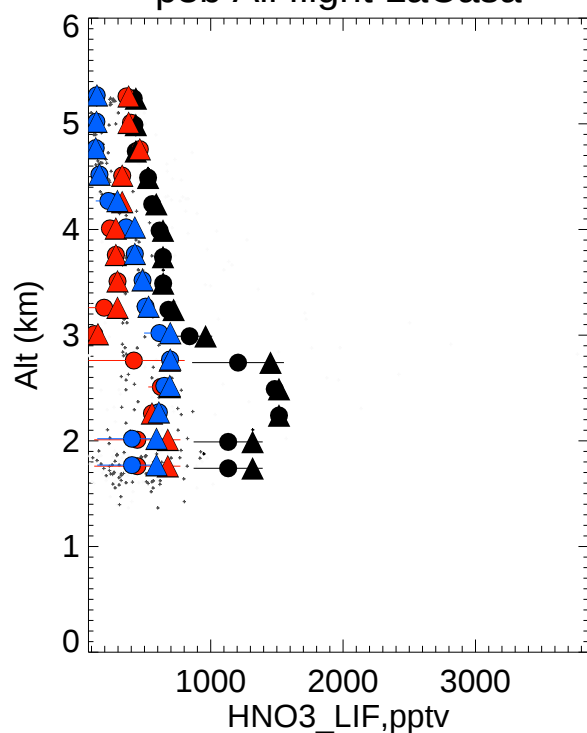


p3b All flight Platteville

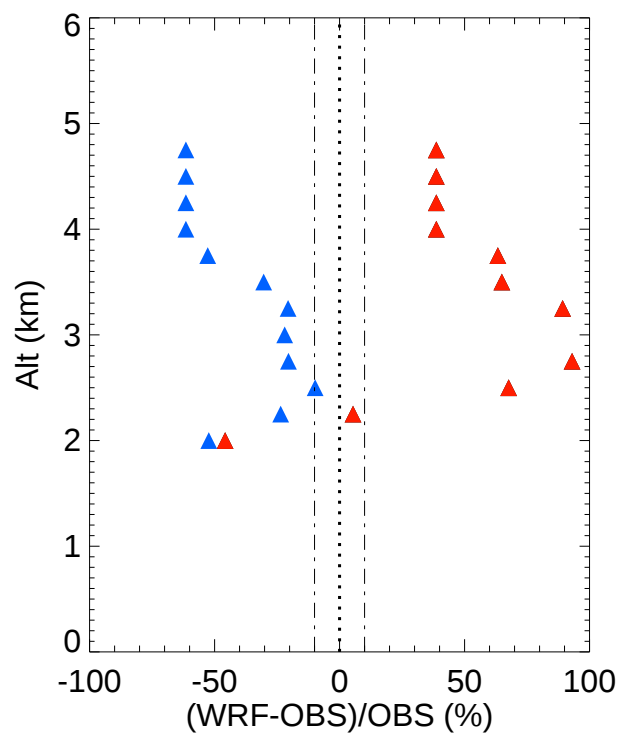
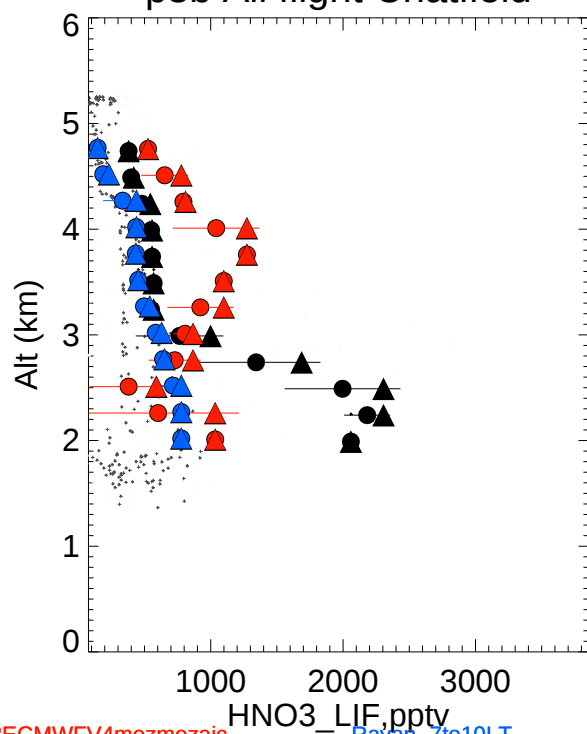




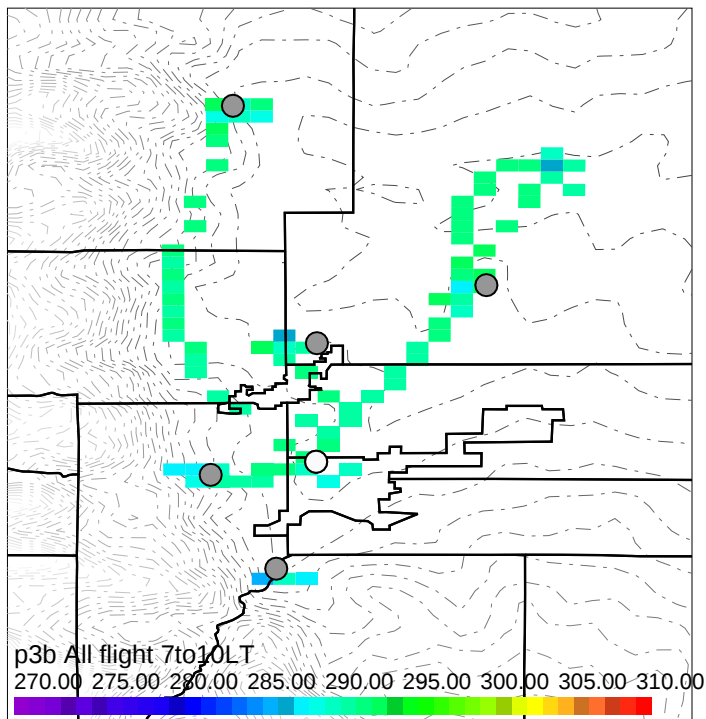
p3b All flight LaCasa



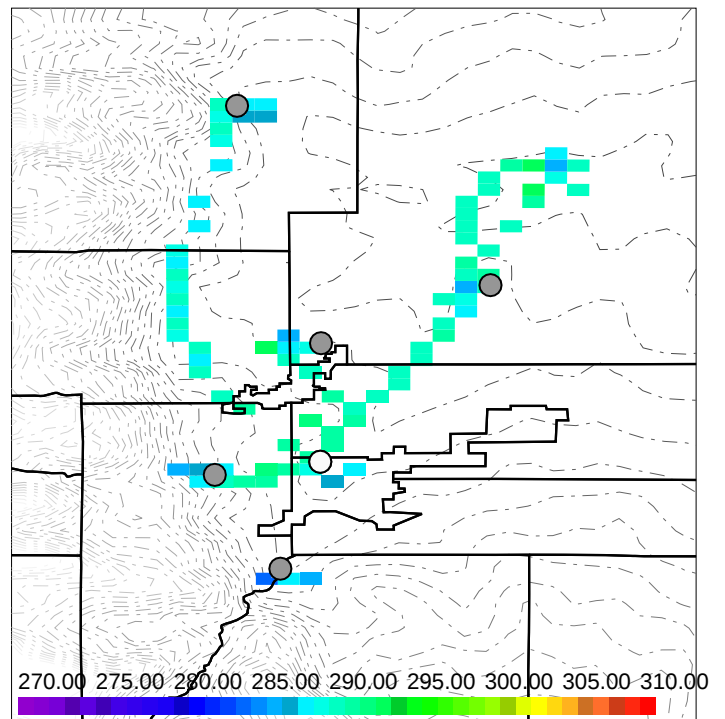
p3b All flight Chatfield



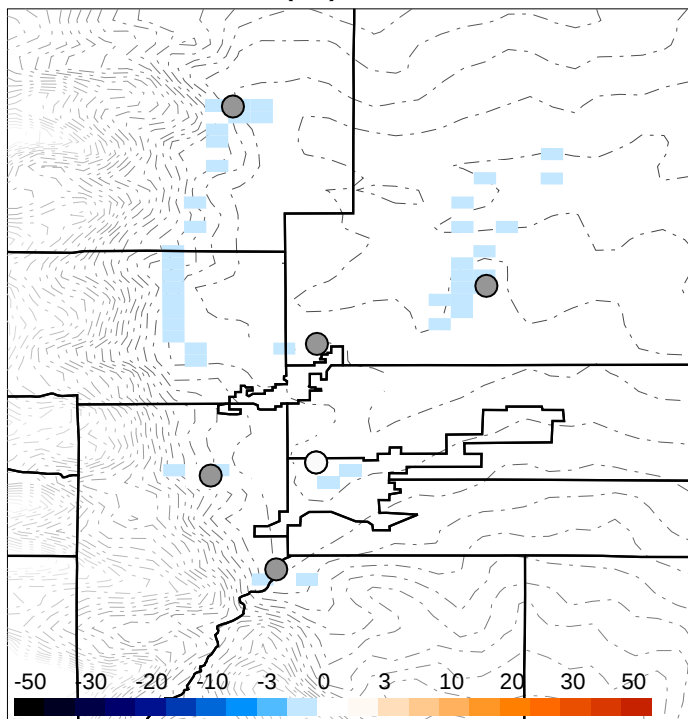
TEMPERATURE,K < 3 km



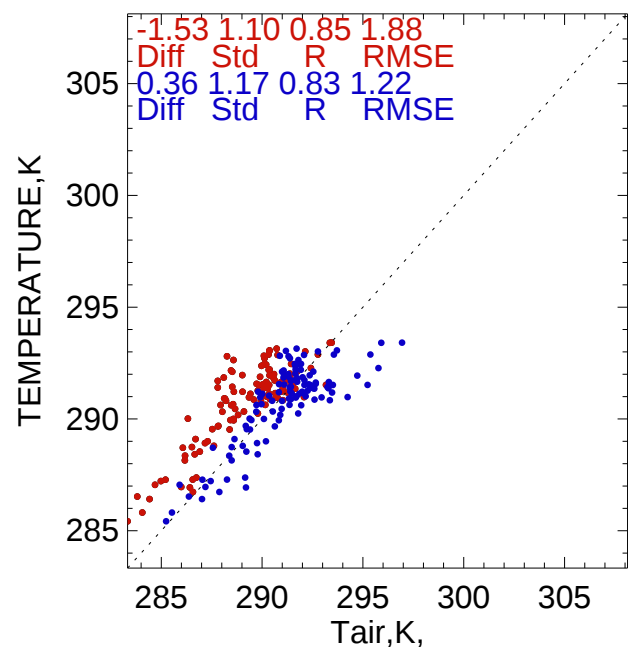
Model Tair,K, < 3 km



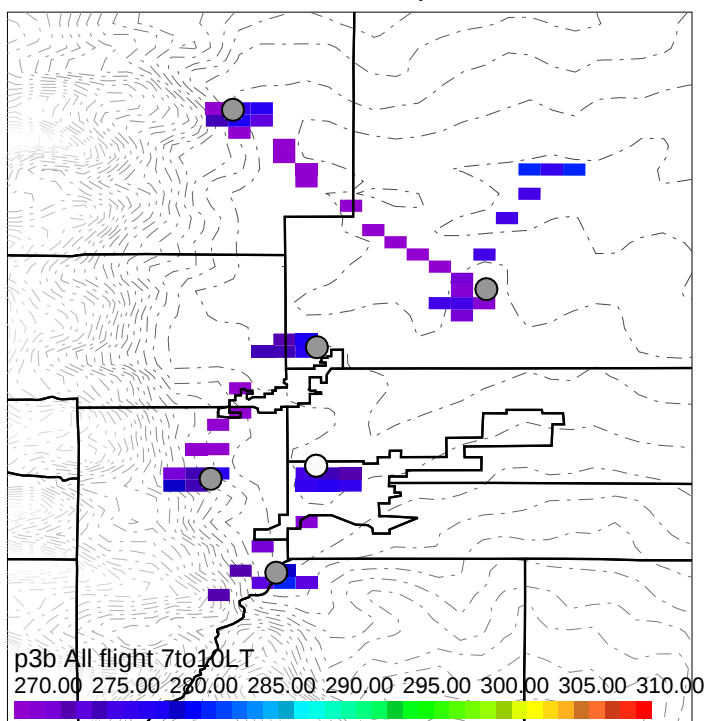
Model-Obs(%) Tair,K, < 3 km



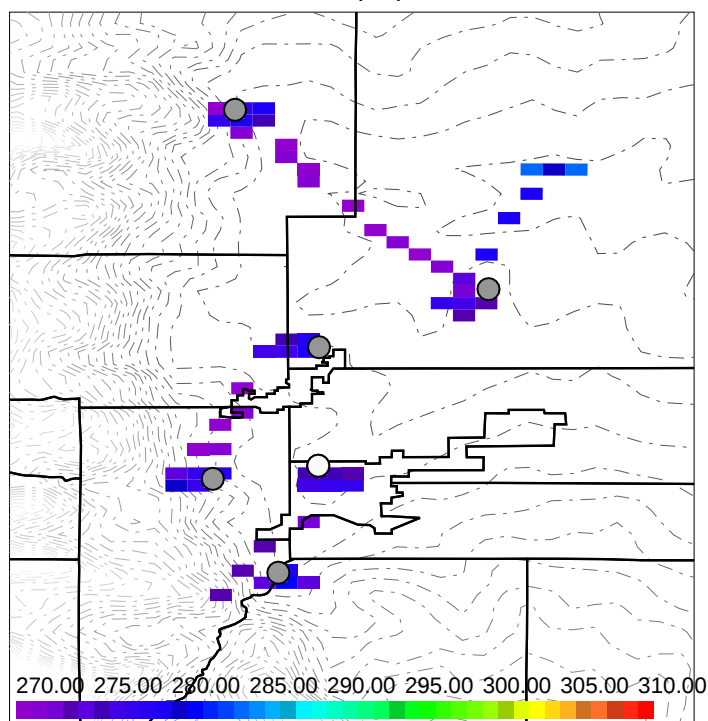
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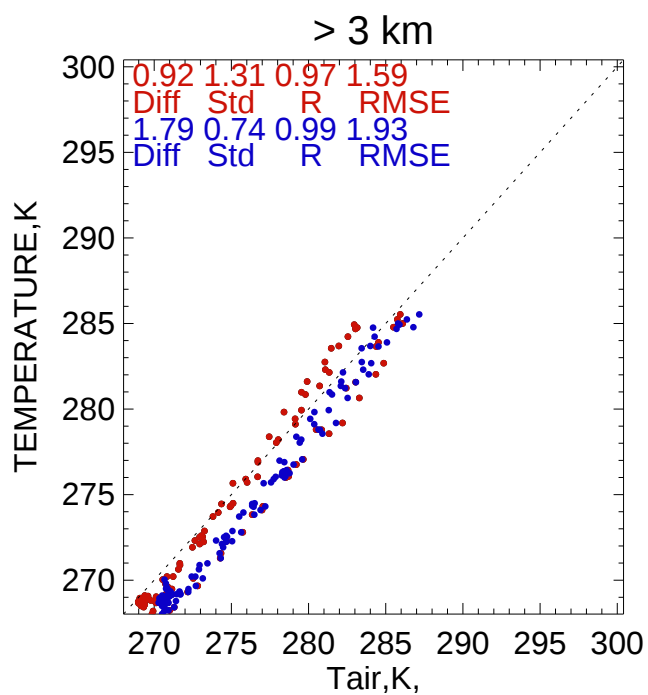
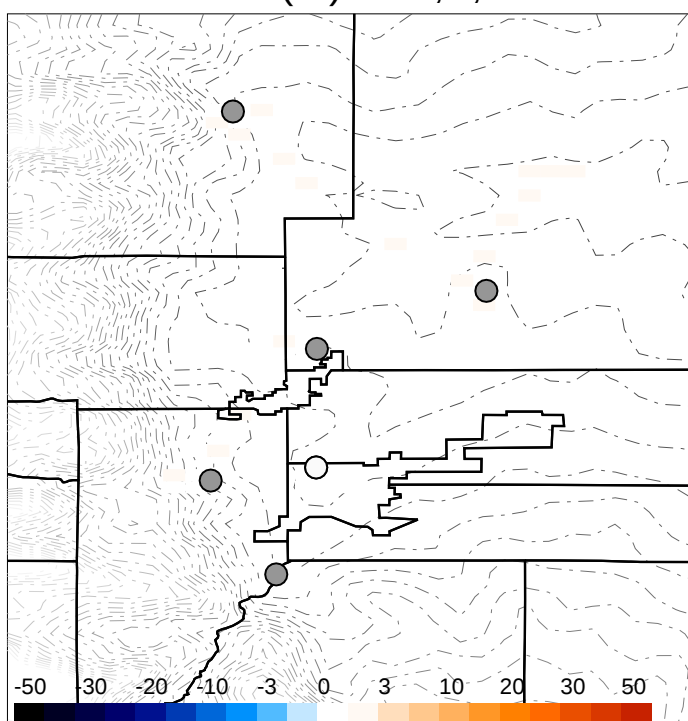
TEMPERATURE,K > 3 km



Model Tair,K, > 3 km

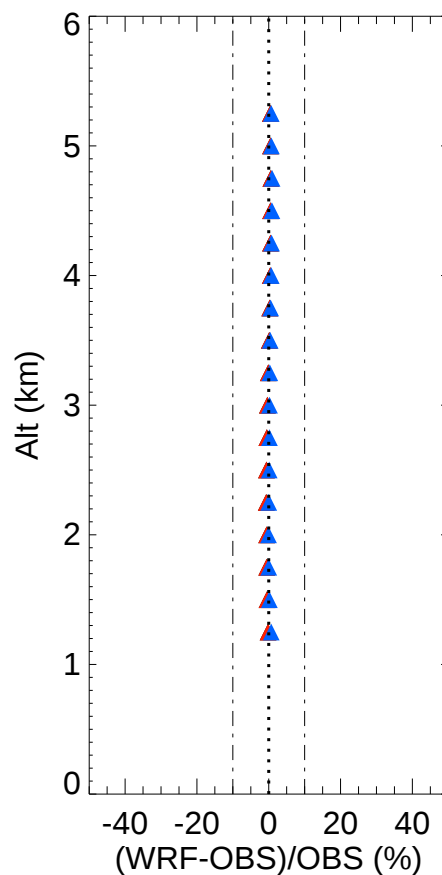
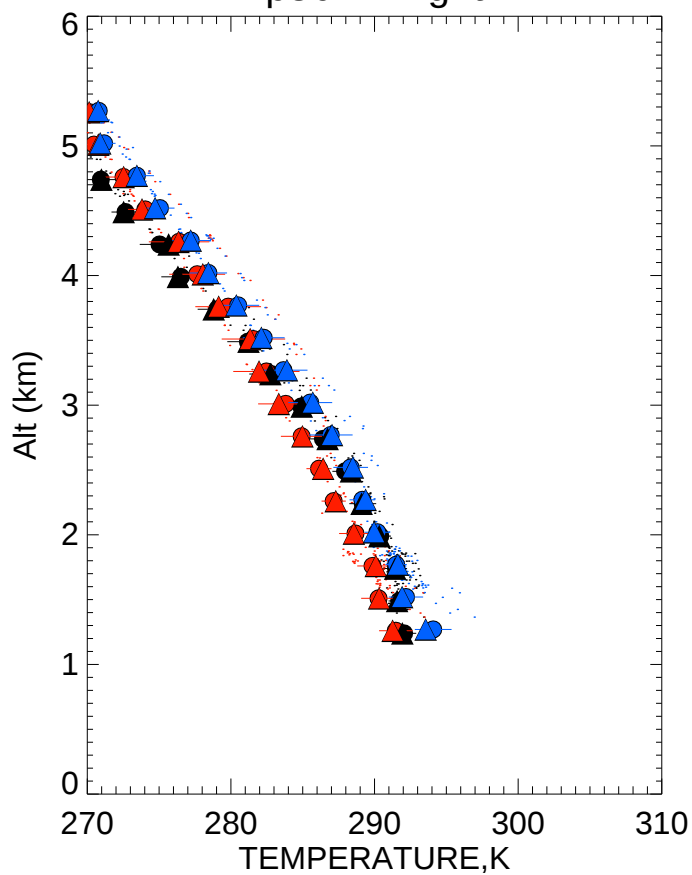
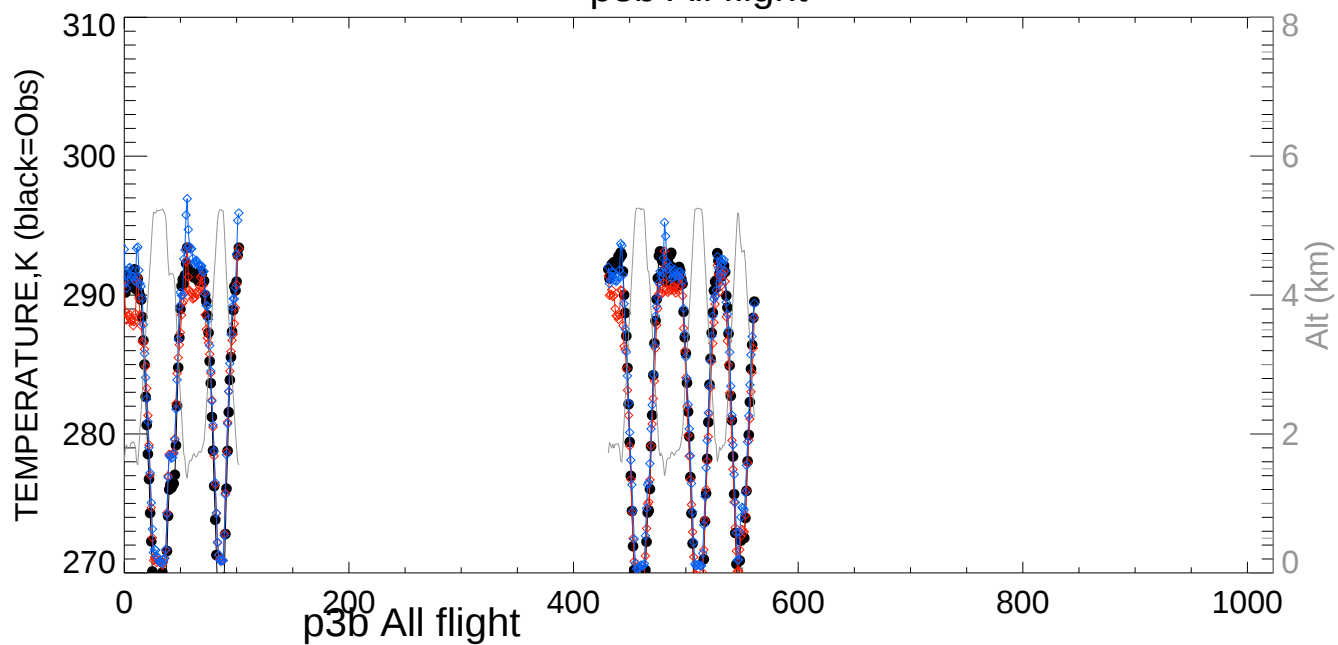


Model-Obs(%) Tair,K, > 3 km

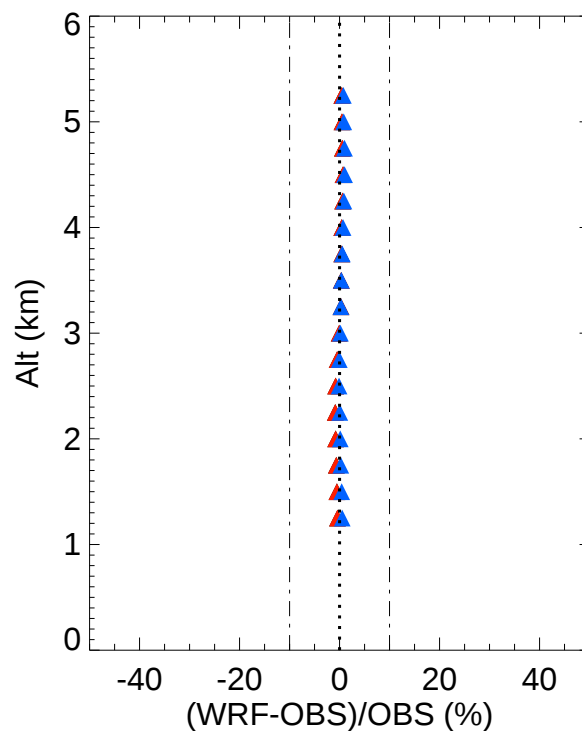
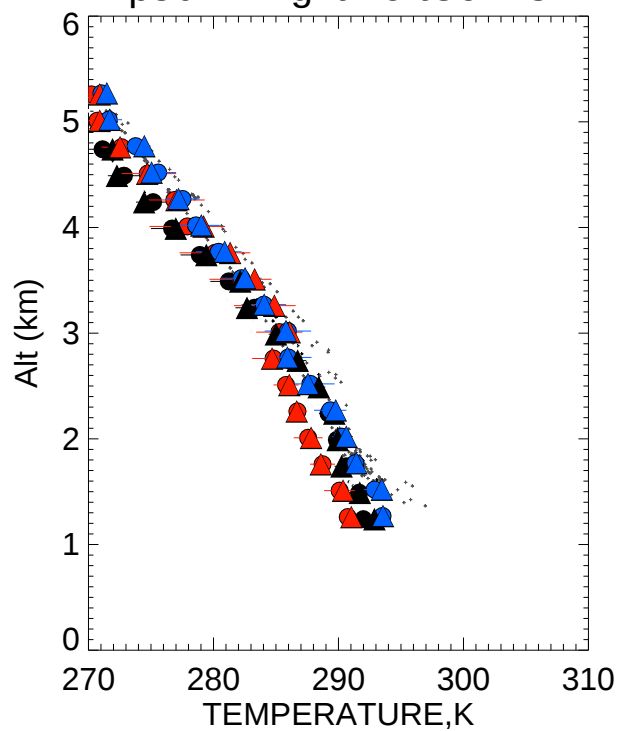


BTXv2ECMWFV4mozmozarRavan- 7to10LT

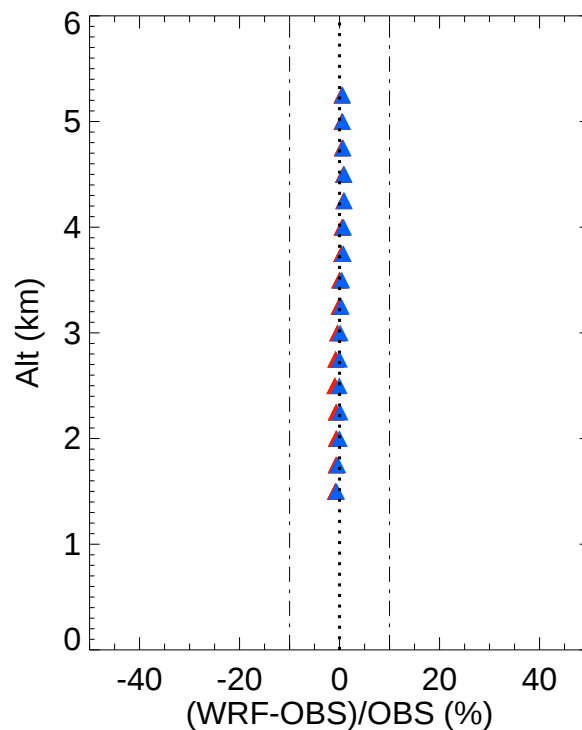
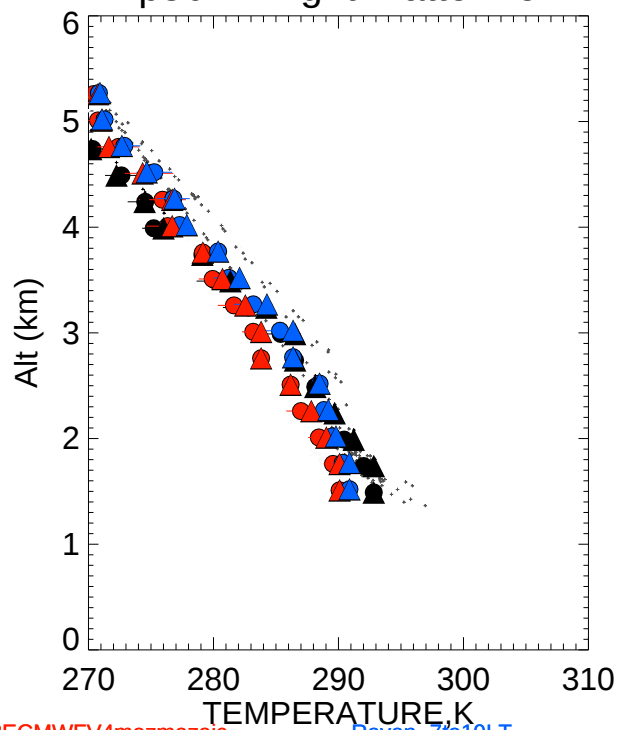
p3b All flight

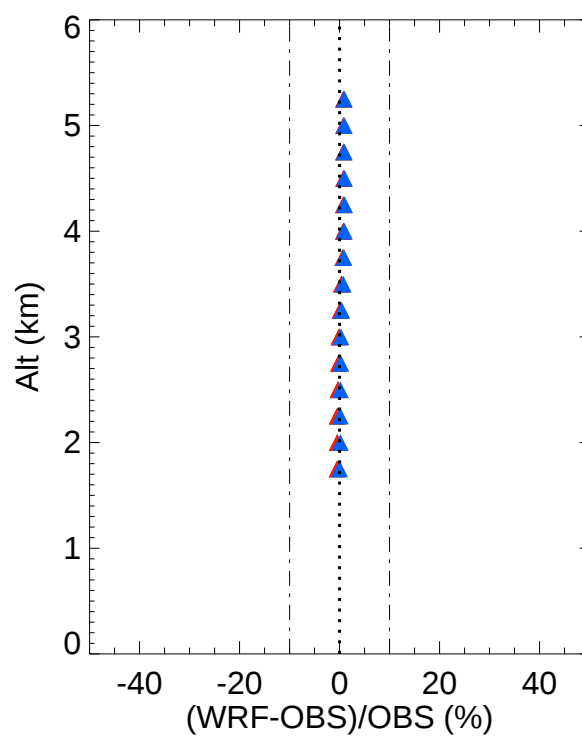
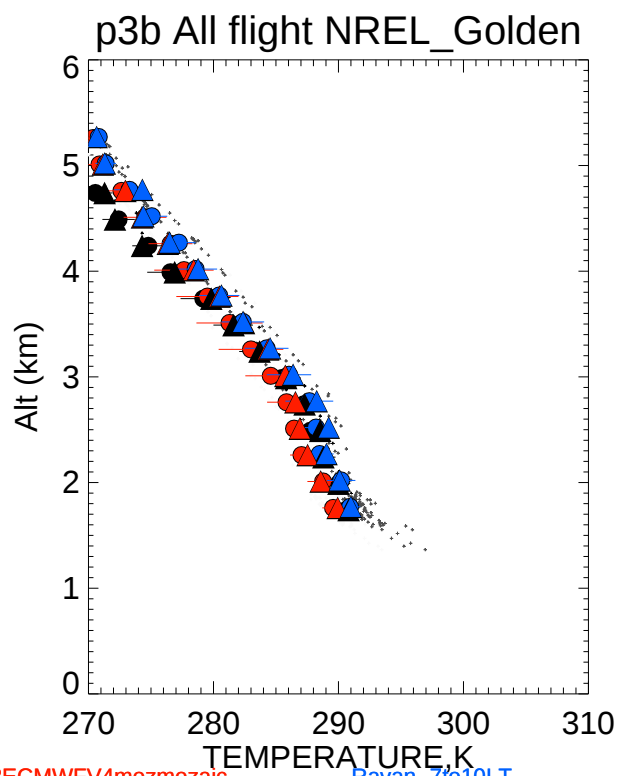
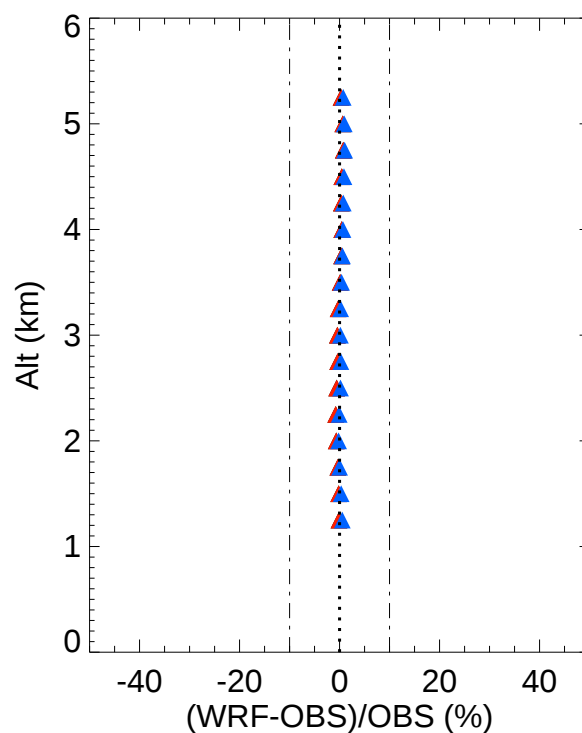
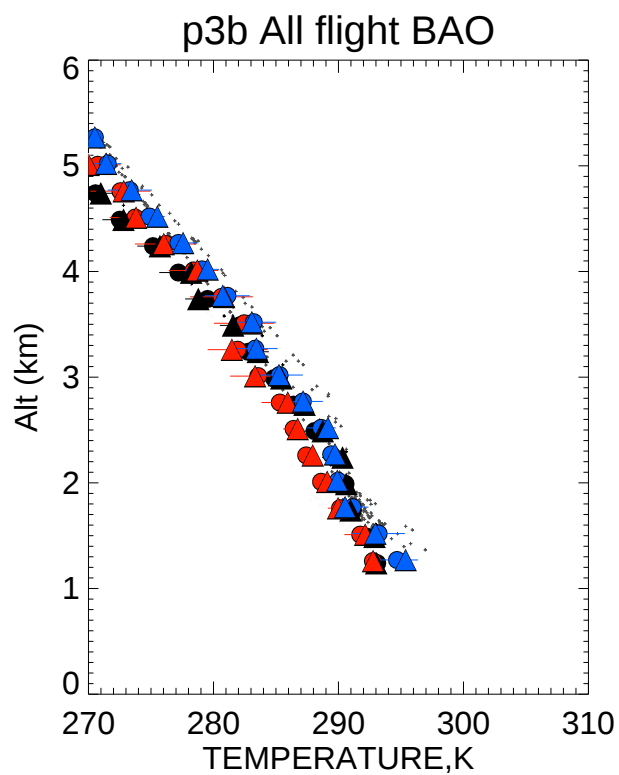


p3b All flight FortCollins

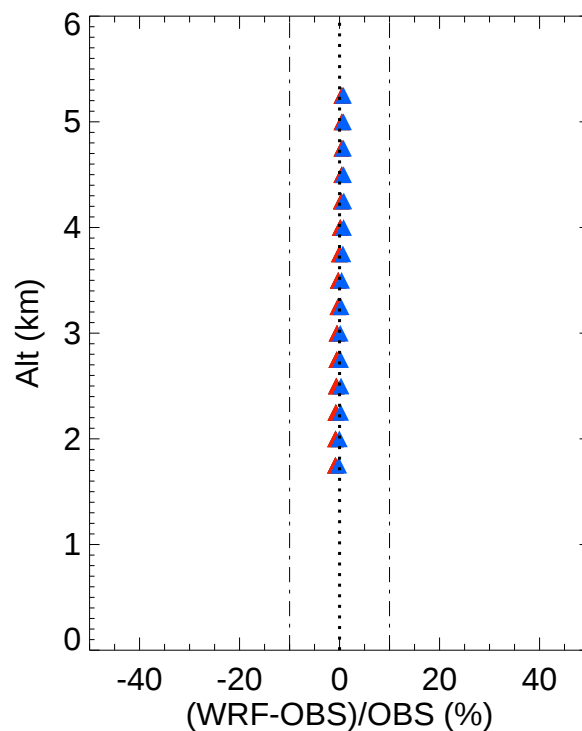
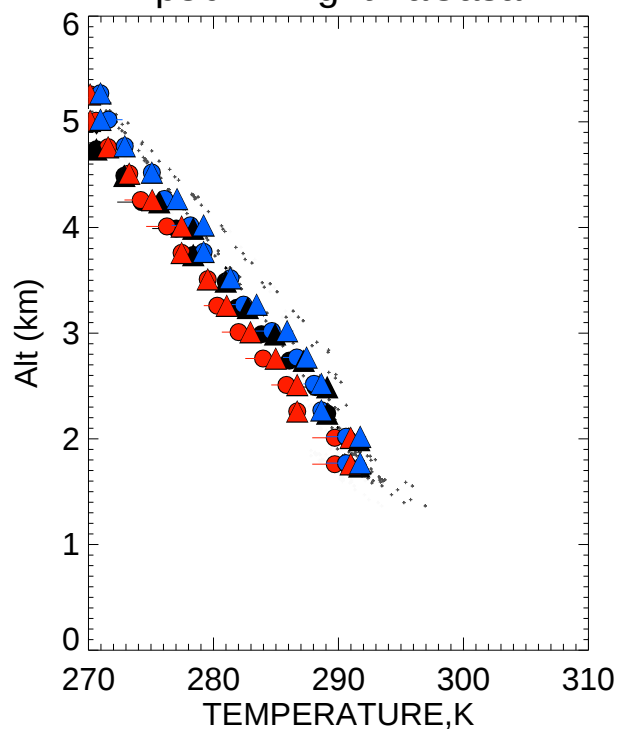


p3b All flight Platteville





p3b All flight LaCasa



p3b All flight Chatfield

