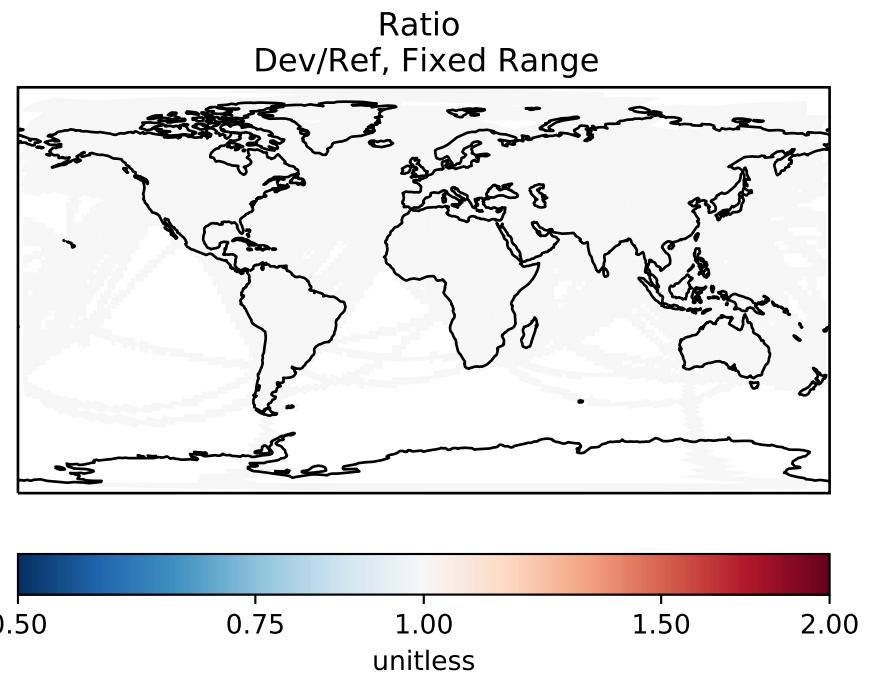
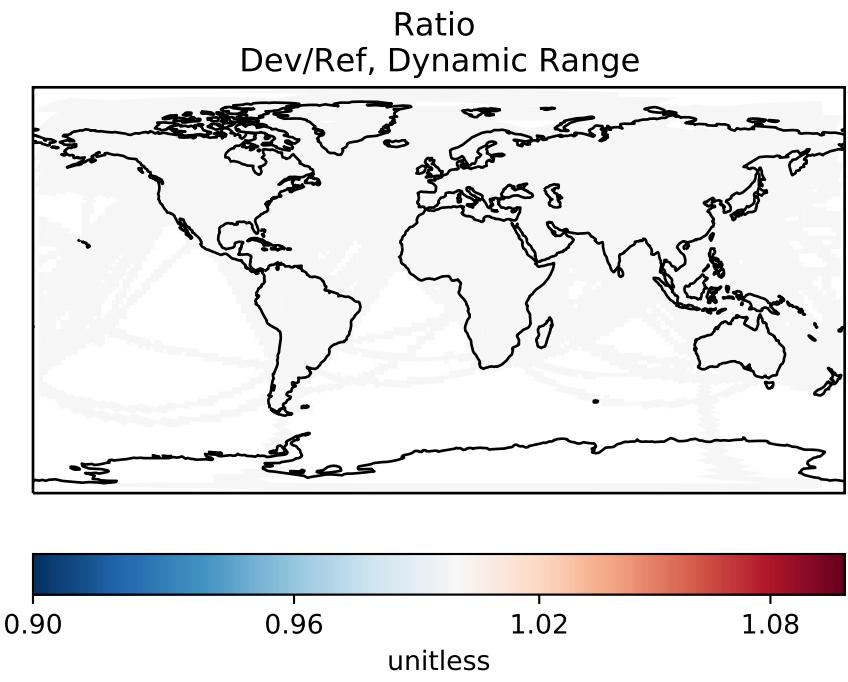
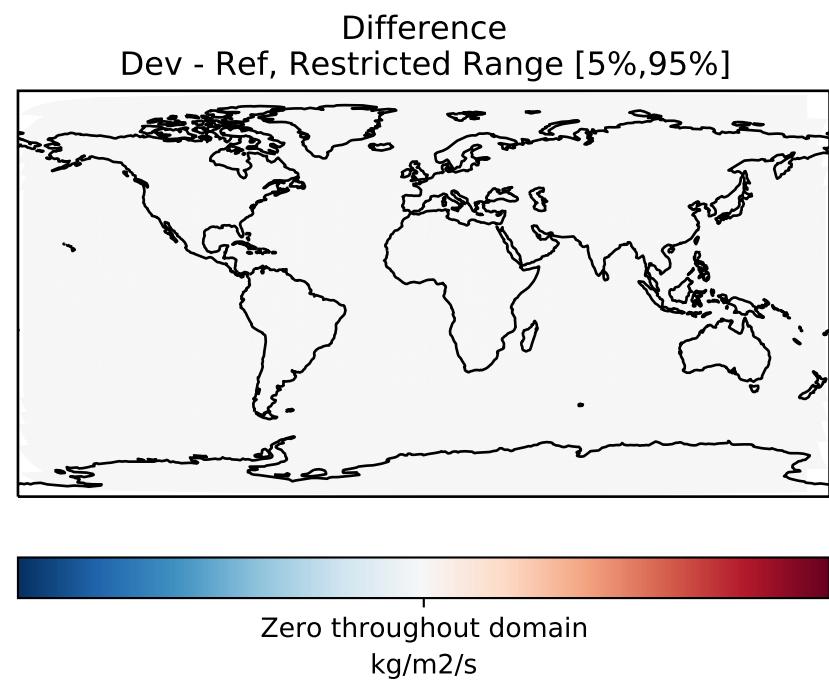
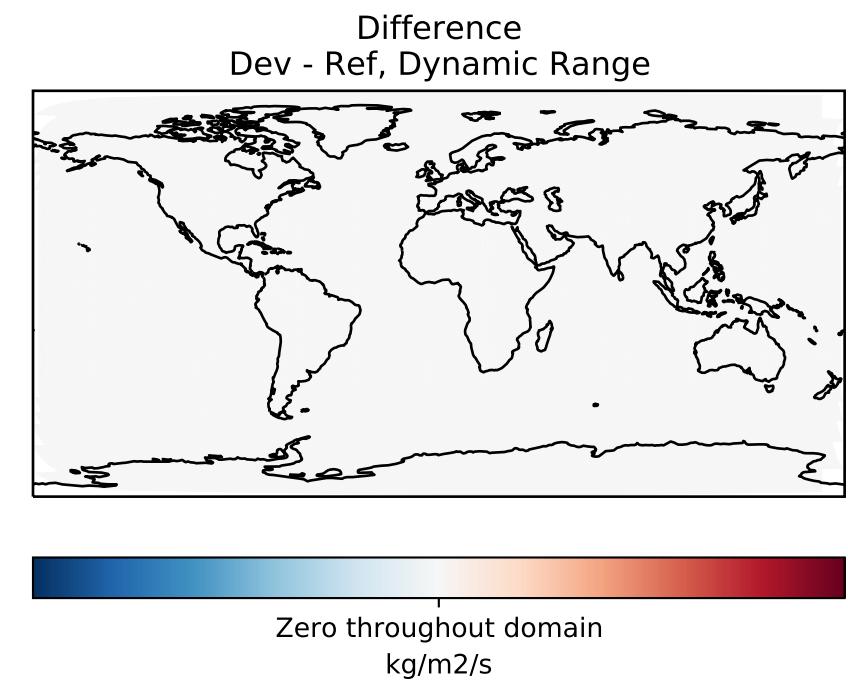
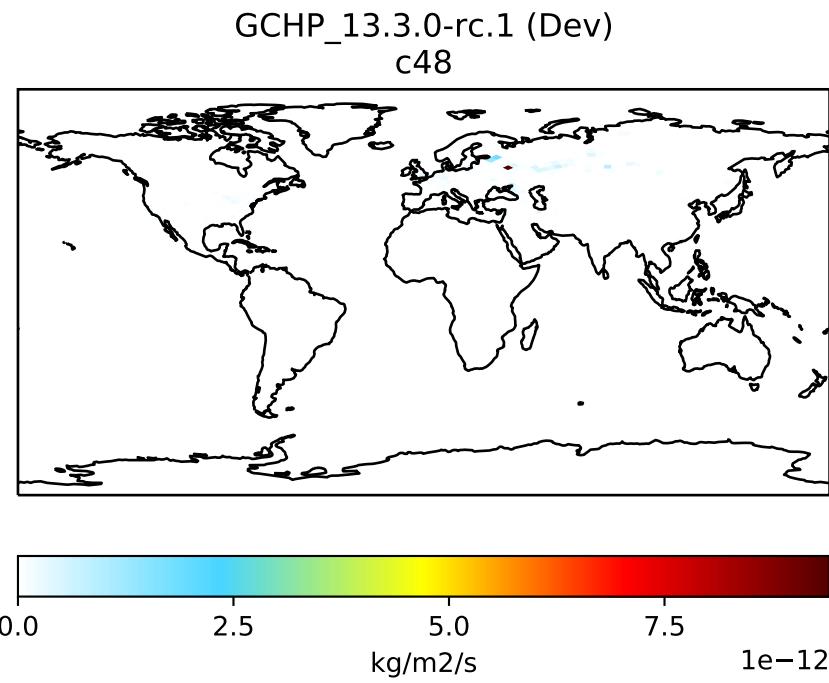
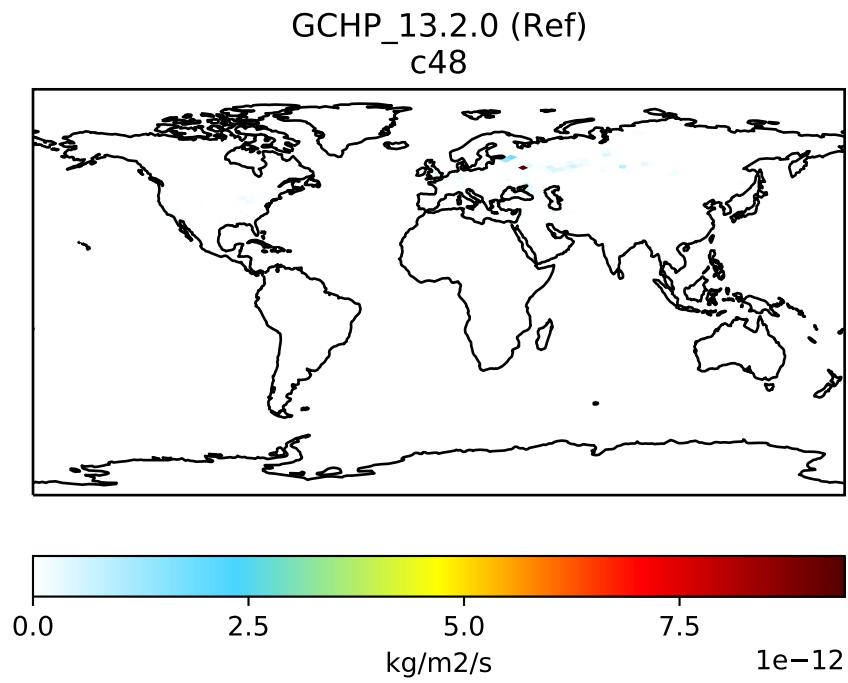
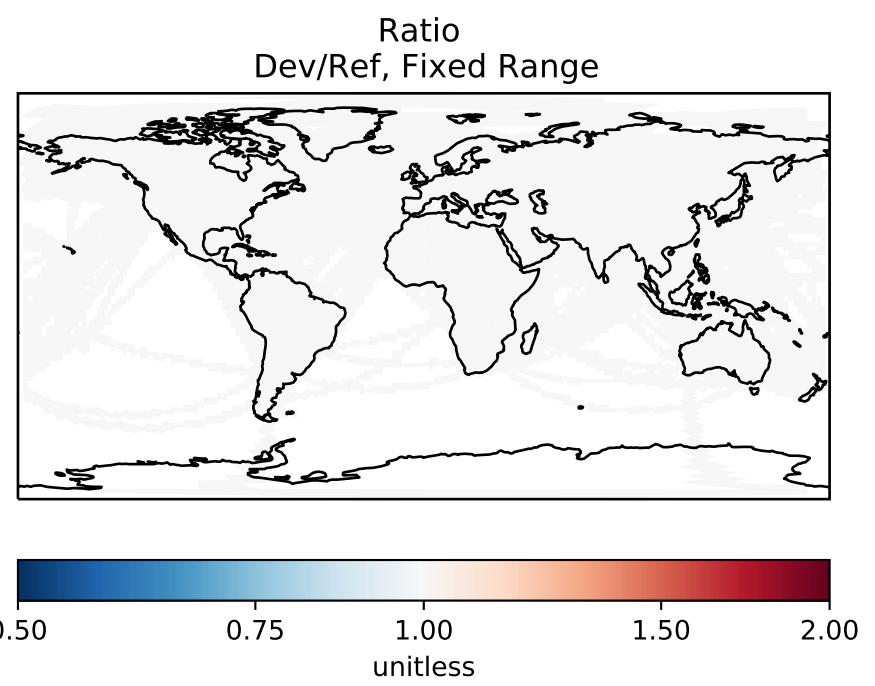
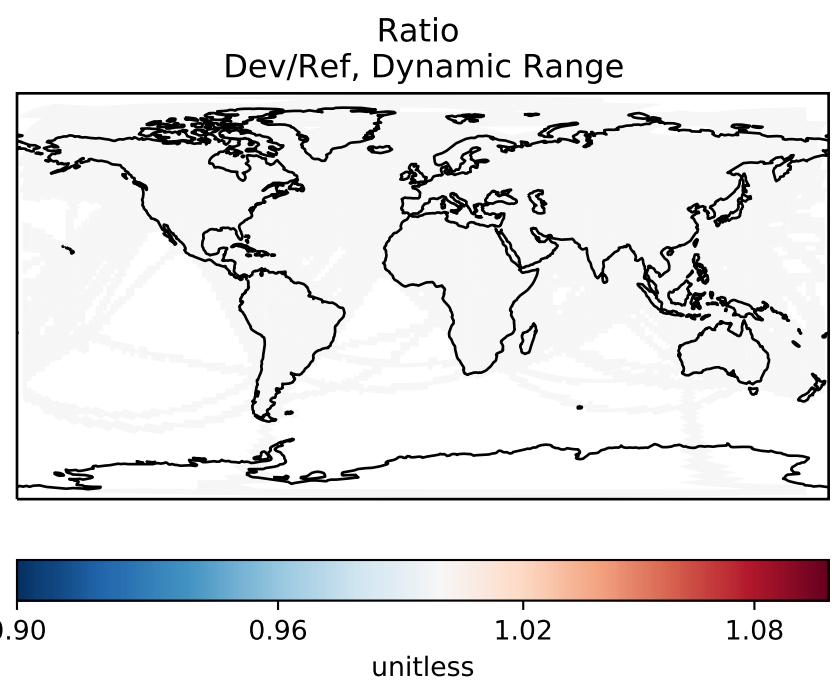
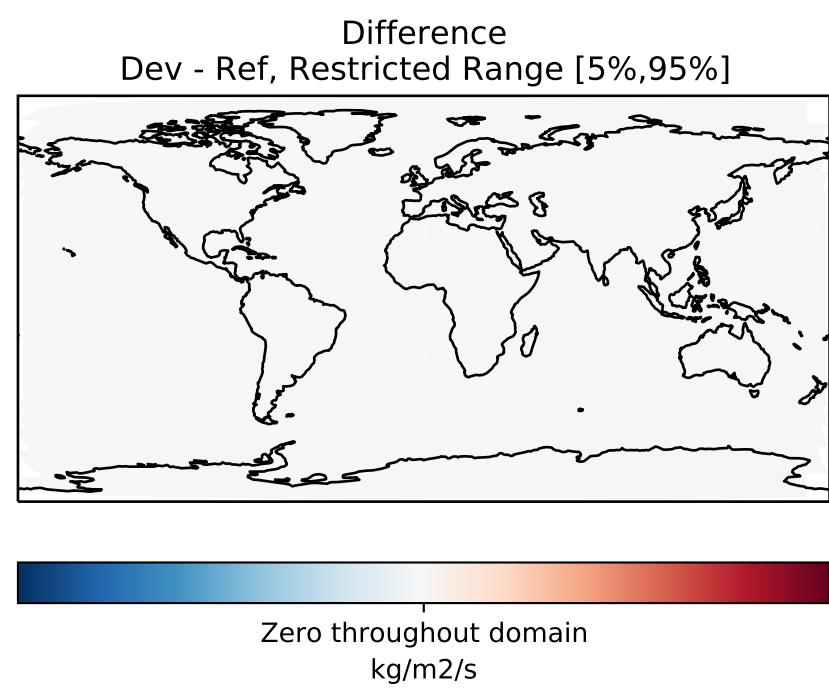
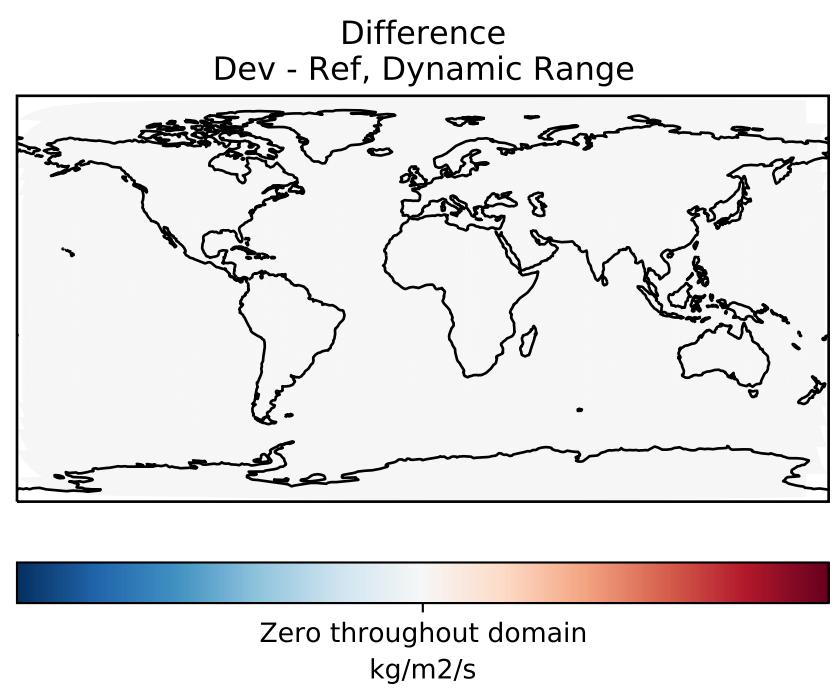
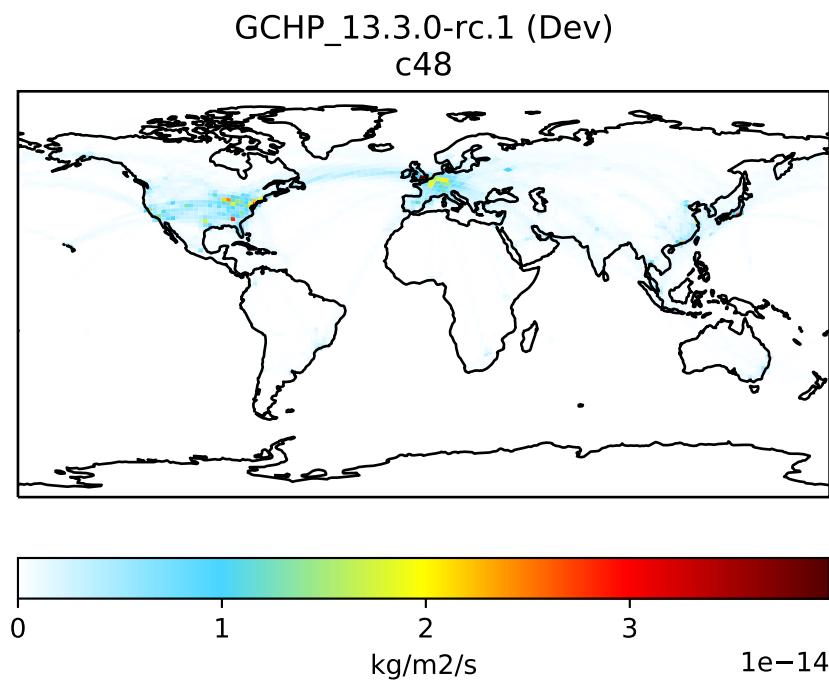
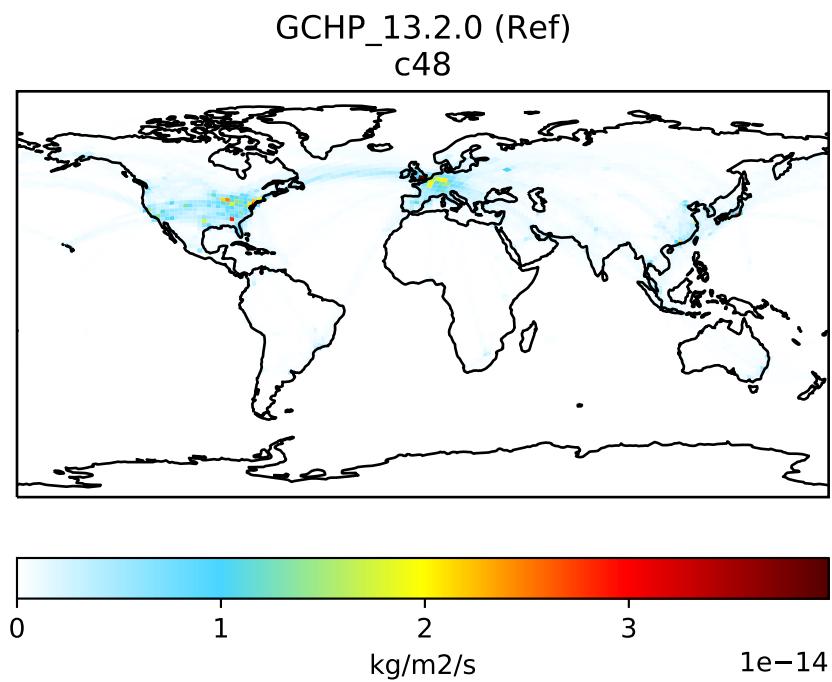


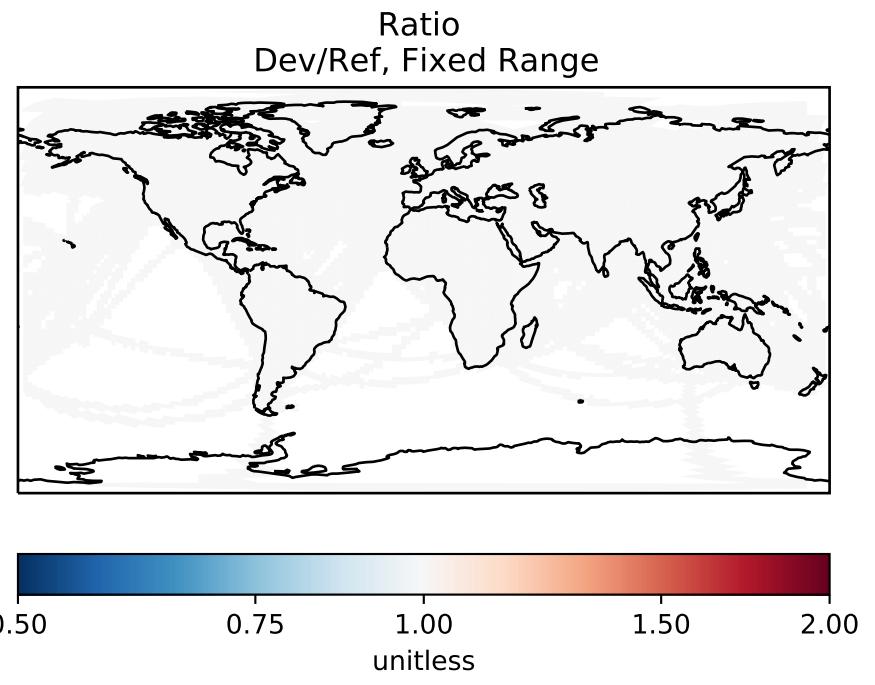
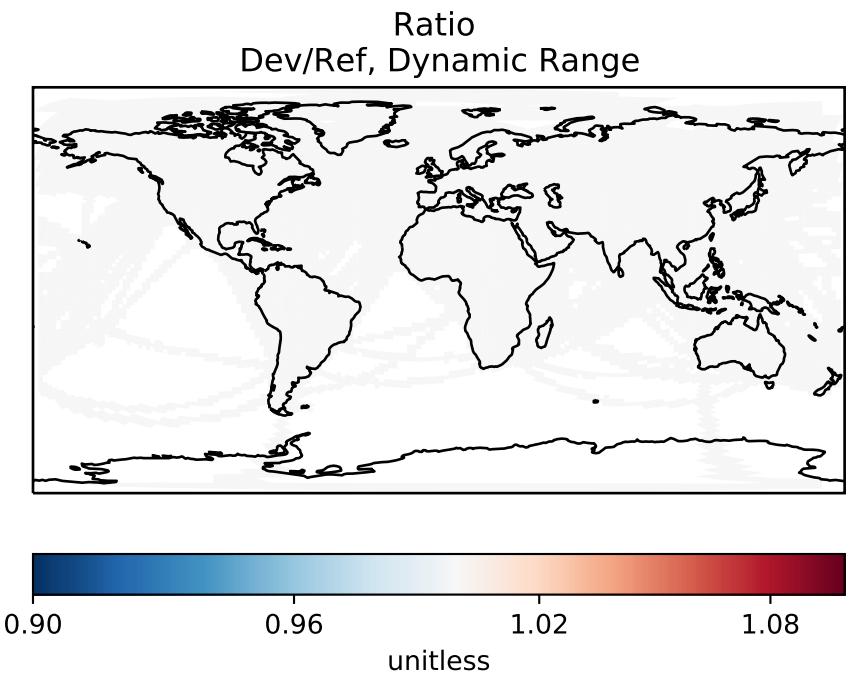
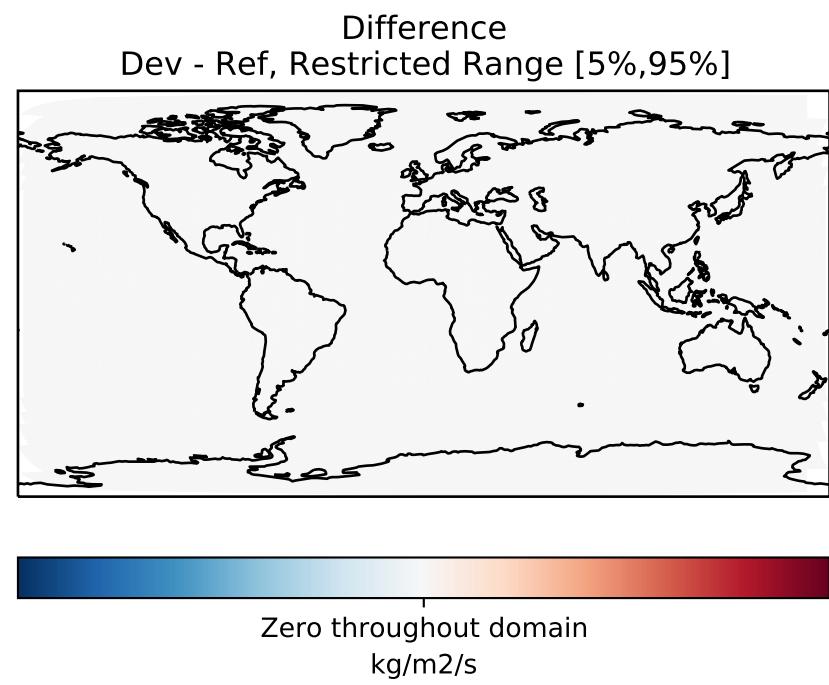
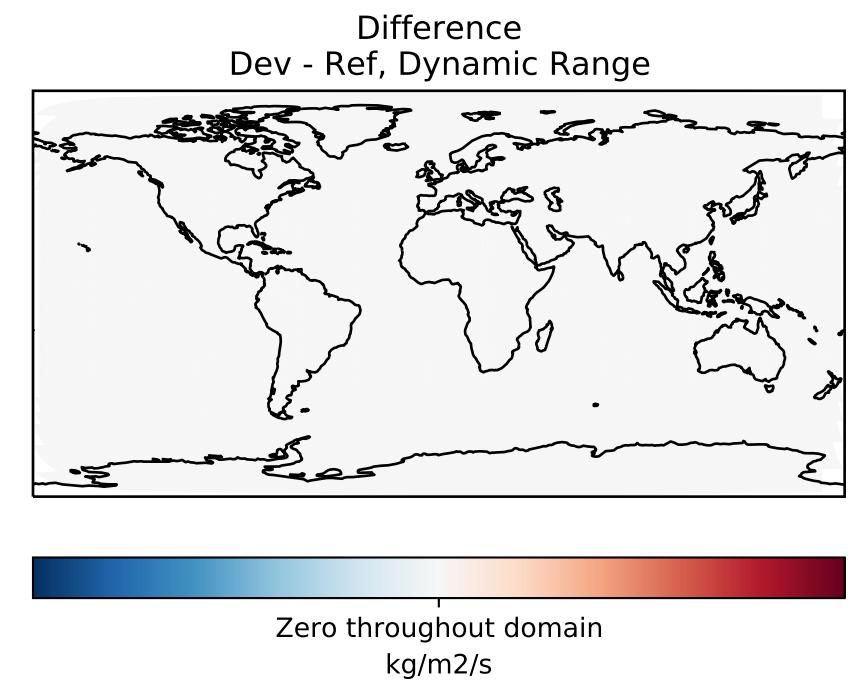
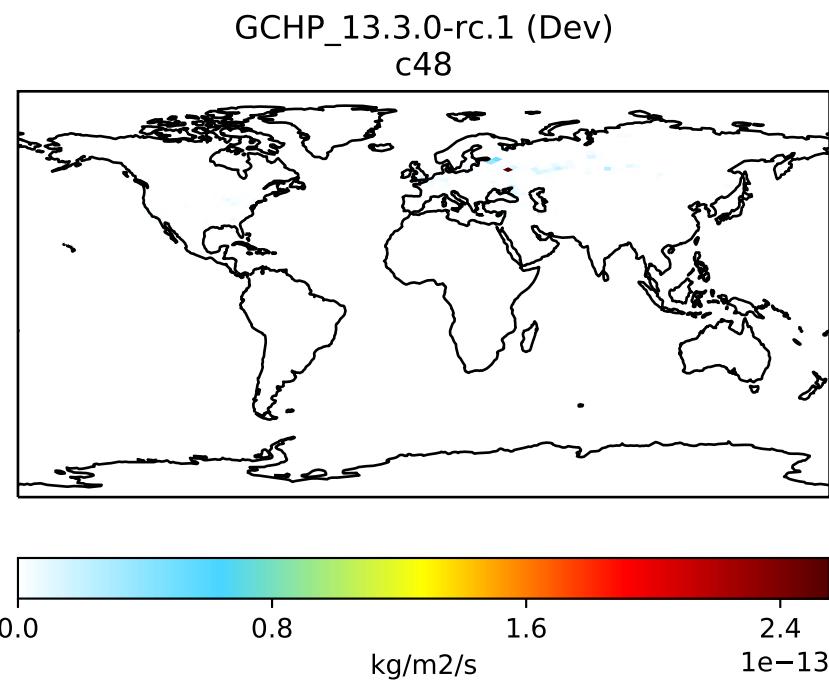
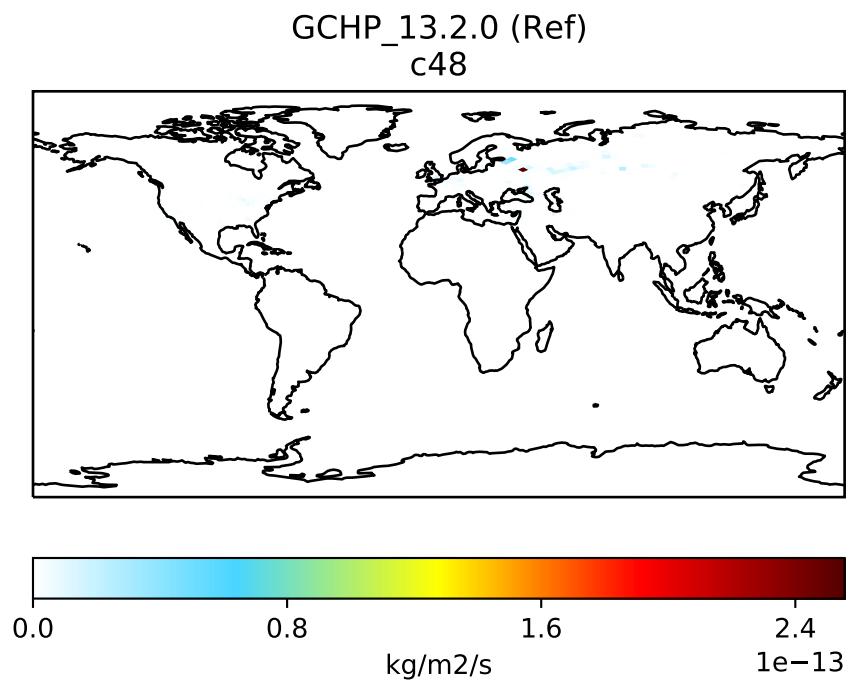
# EmisALK4\_Aircraft



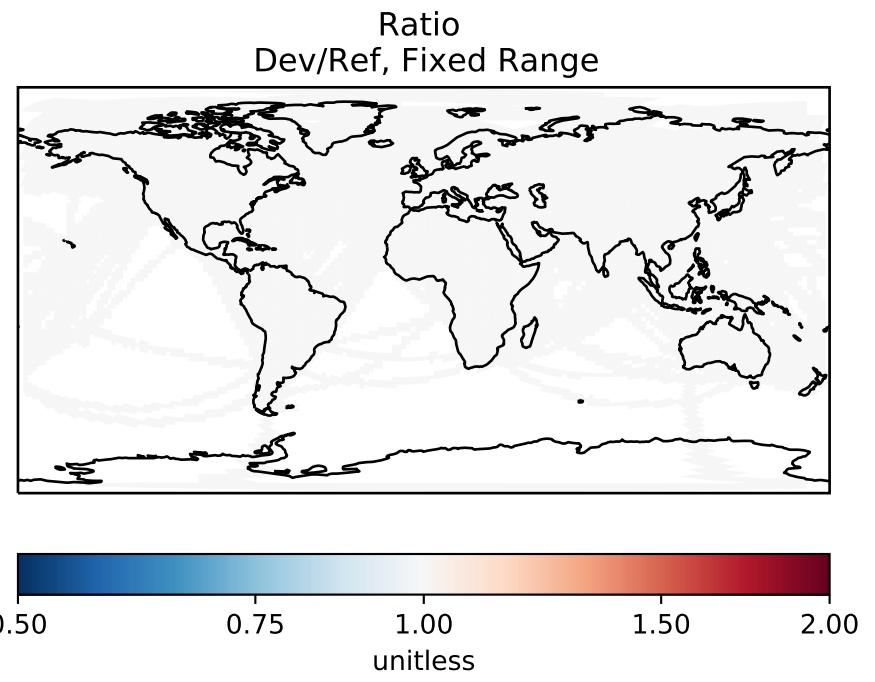
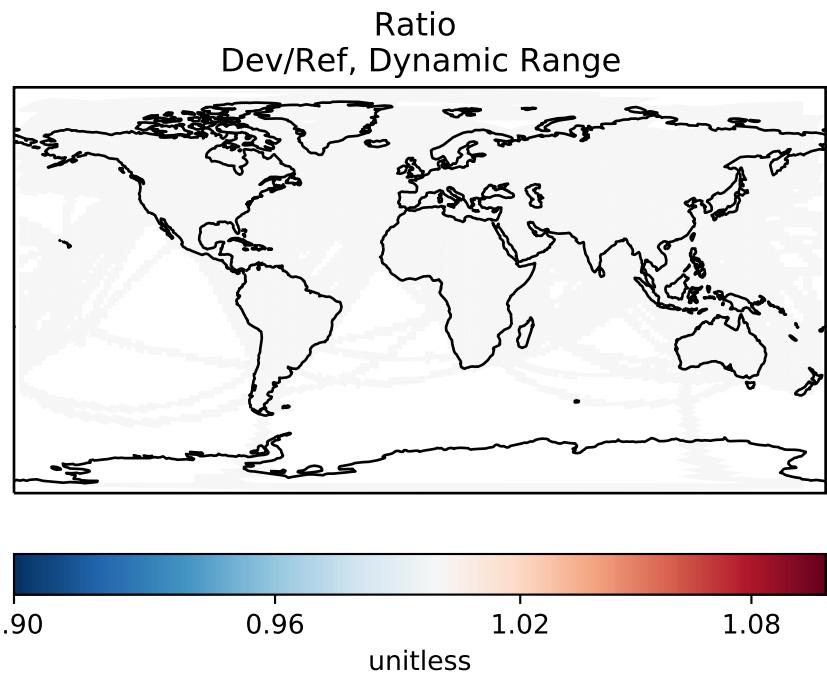
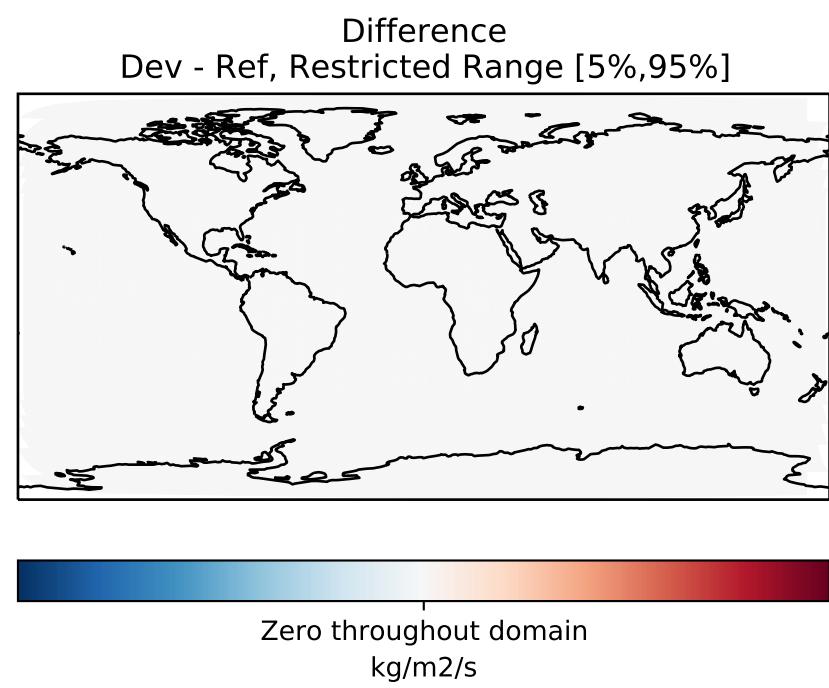
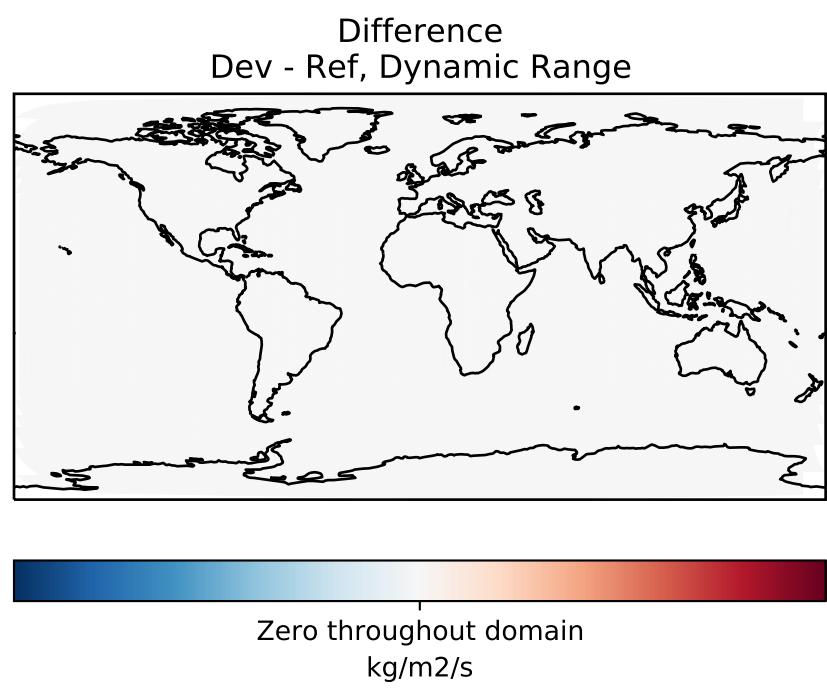
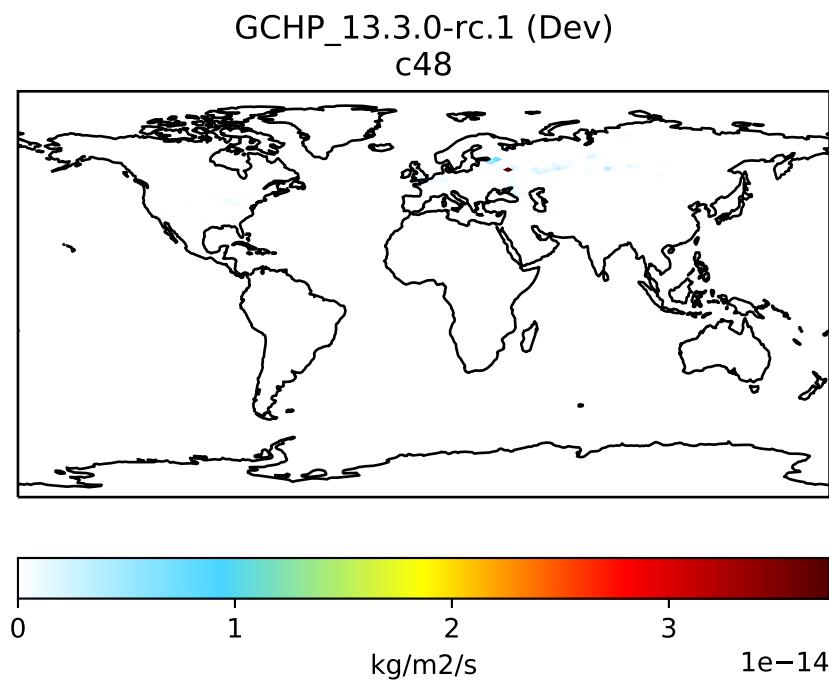
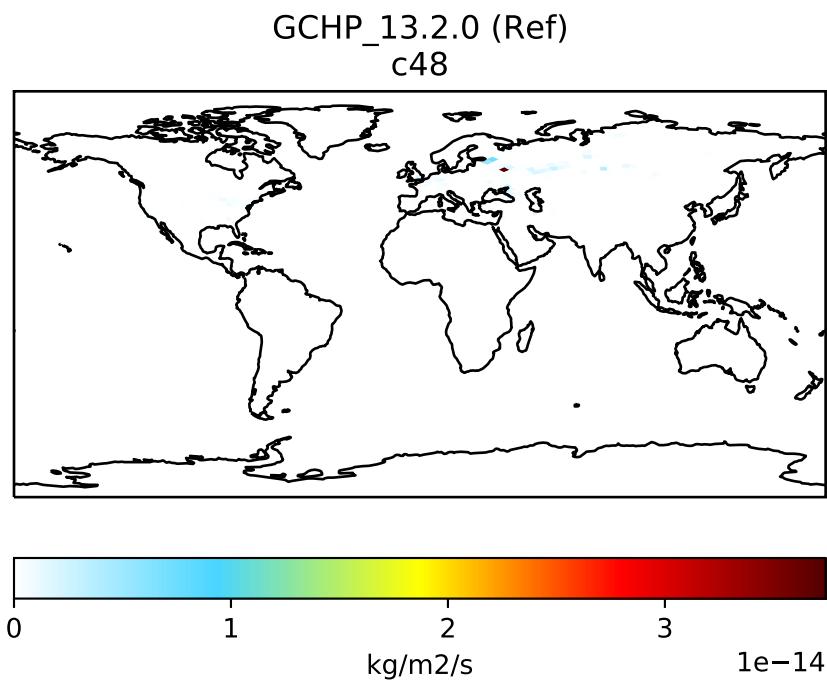
# EmisBCPI\_Aircraft



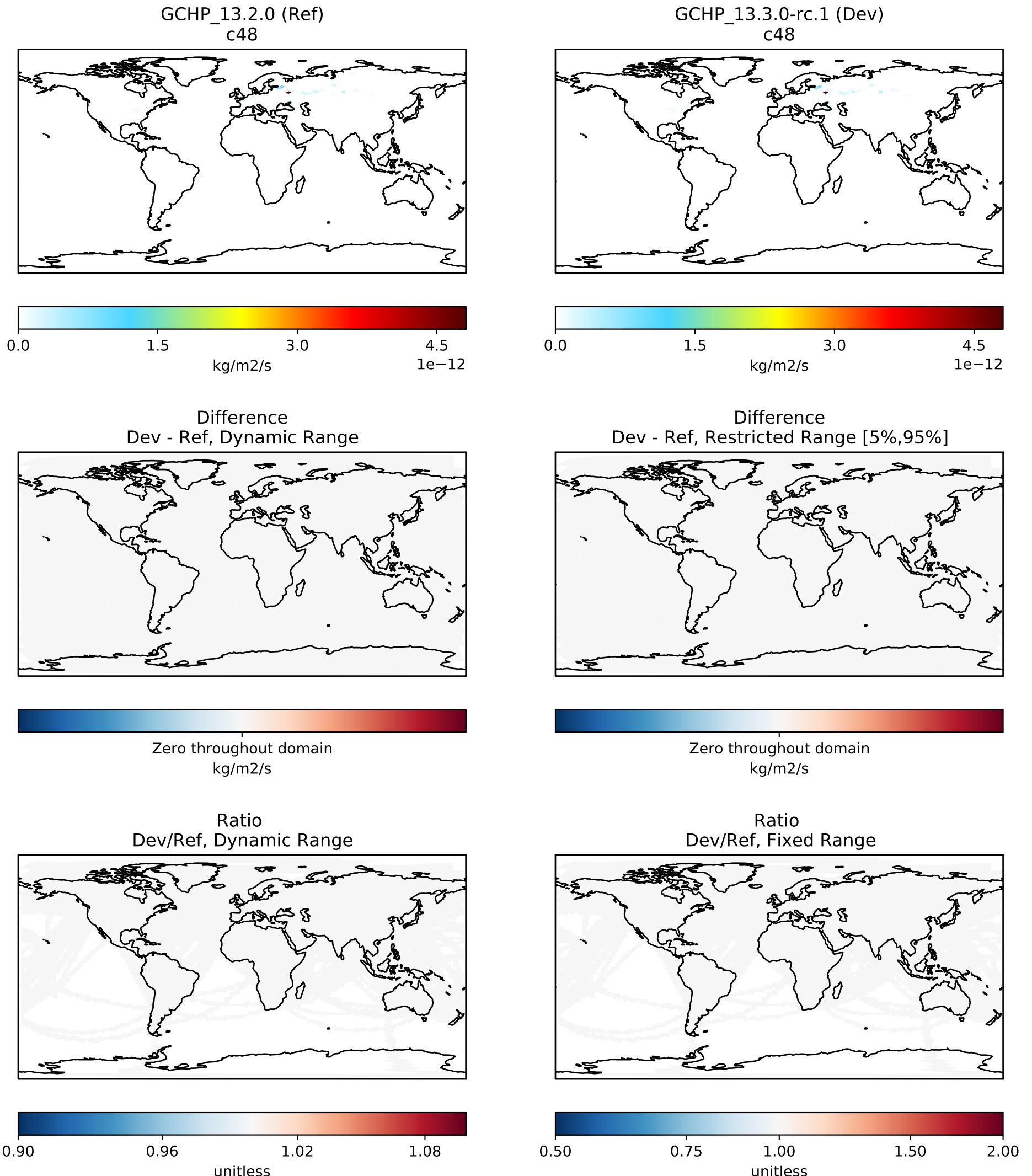
# EmisC2H6\_Aircraft



# EmisC3H8\_Aircraft

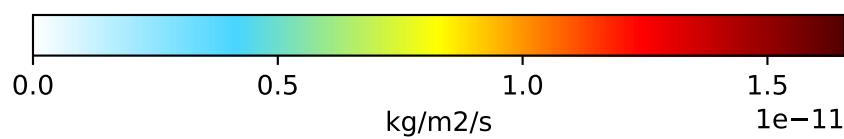
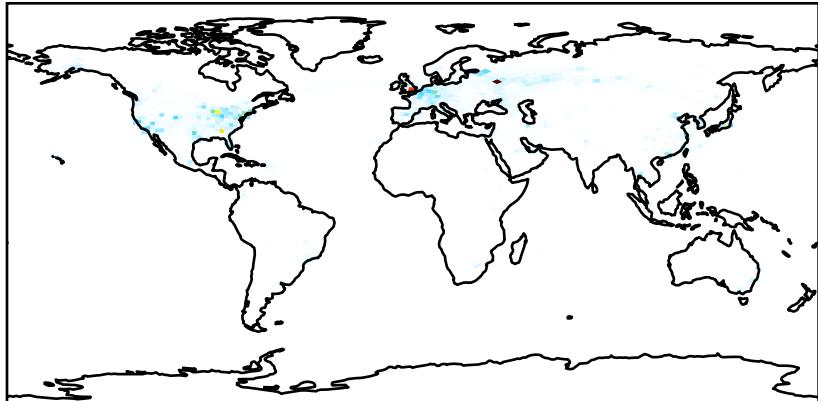


# EmisCH2O\_Aircraft

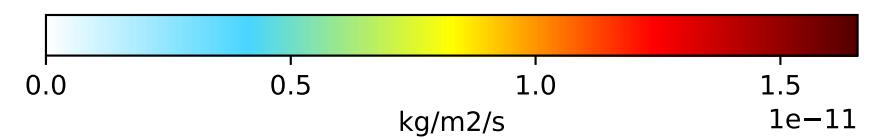
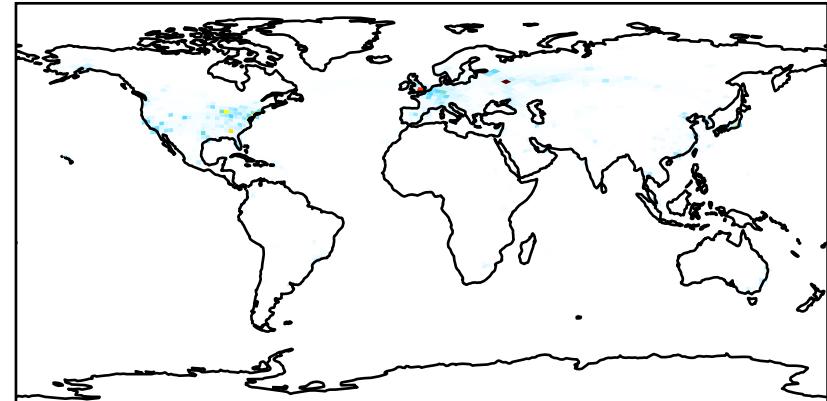


# EmisCO\_Aircraft

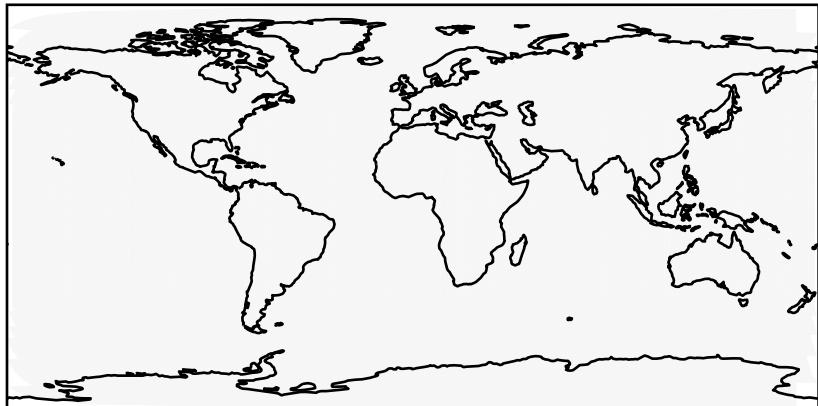
GCHP\_13.2.0 (Ref)  
c48



GCHP\_13.3.0-rc.1 (Dev)  
c48

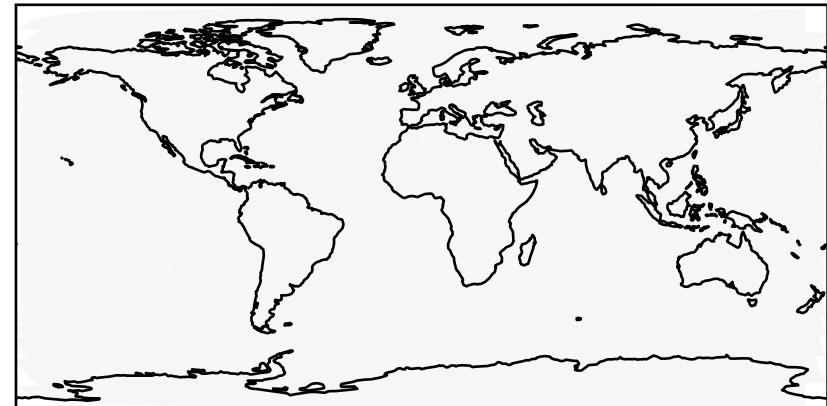


Difference  
Dev - Ref, Dynamic Range



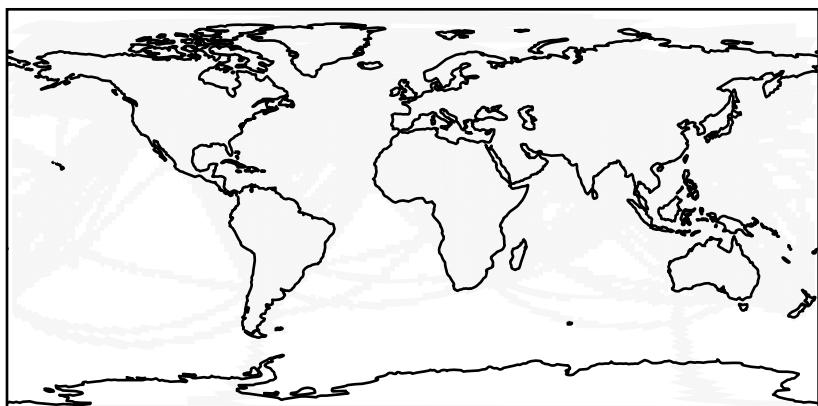
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Restricted Range [5%,95%]

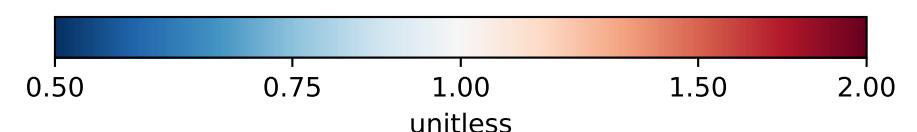
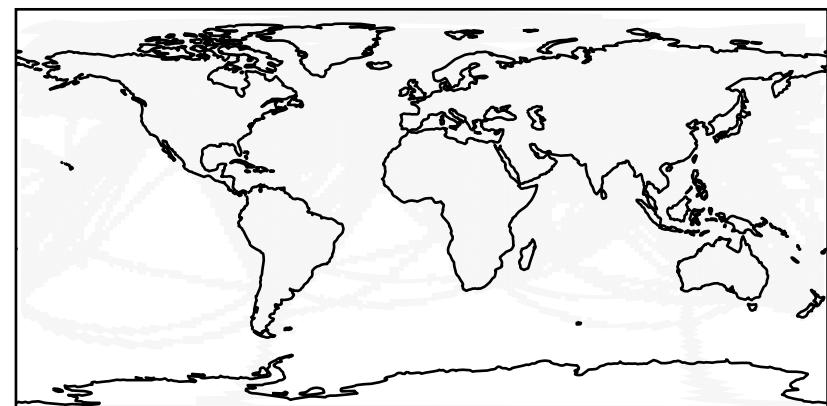


Zero throughout domain  
kg/m2/s

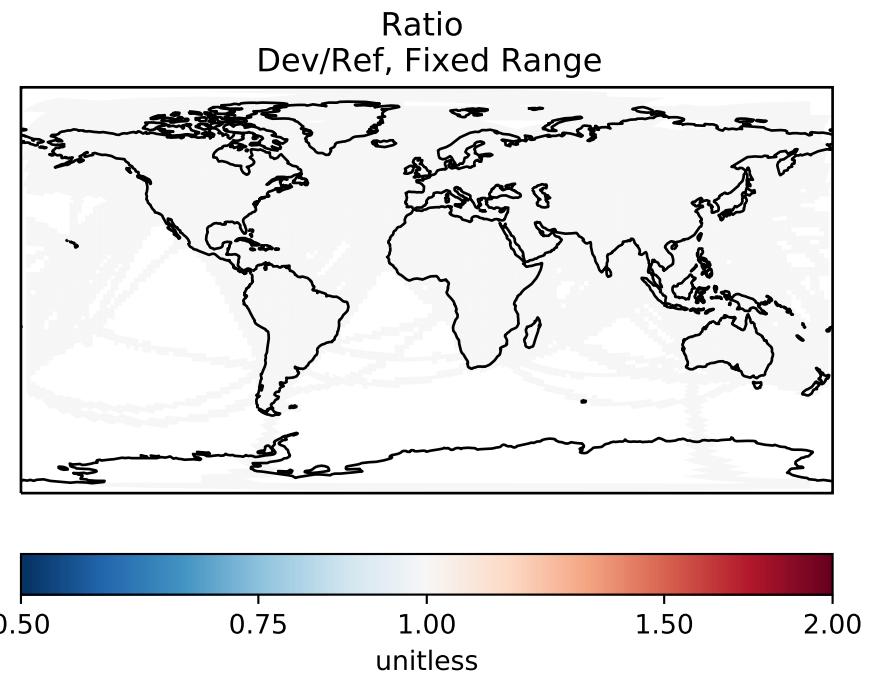
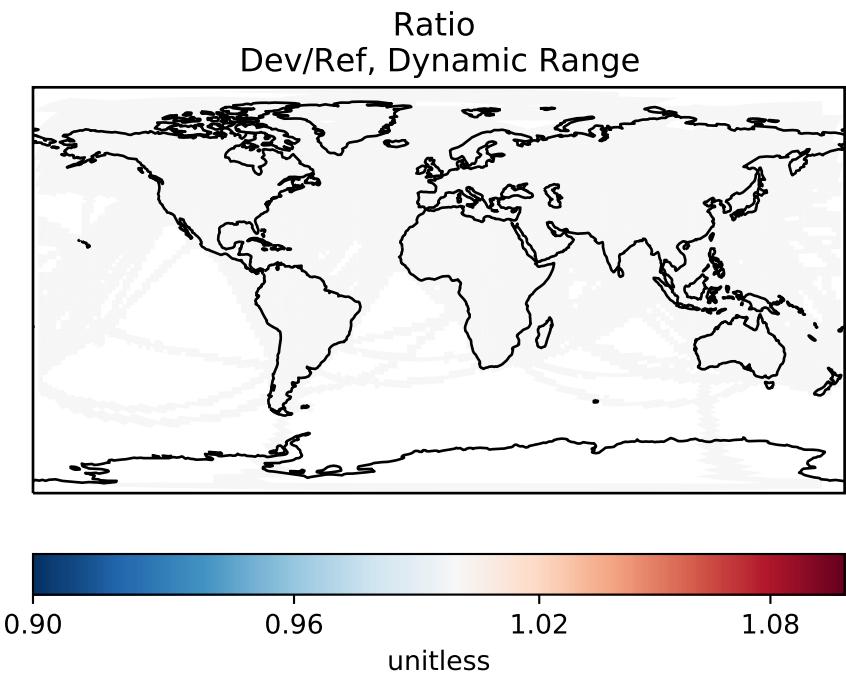
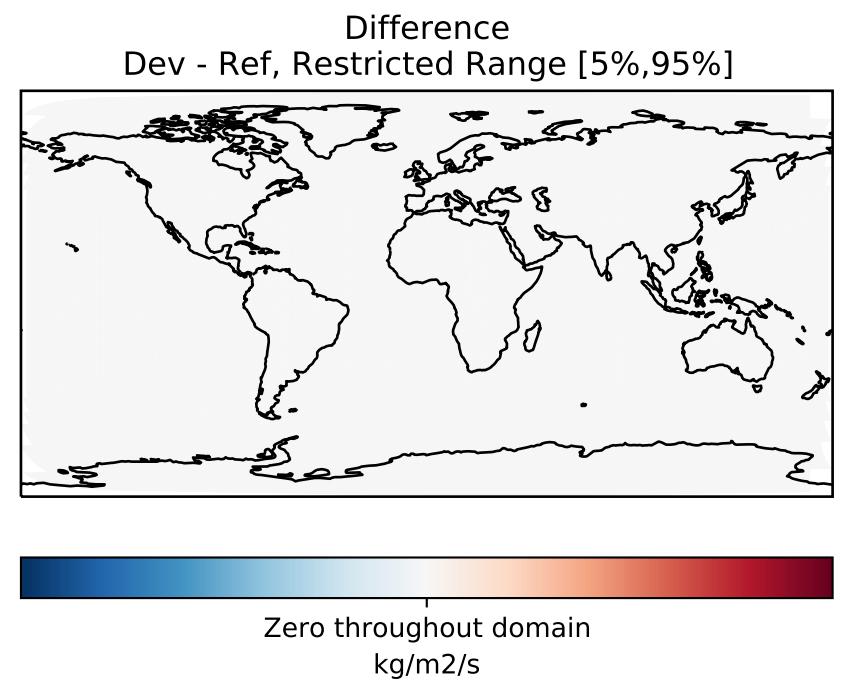
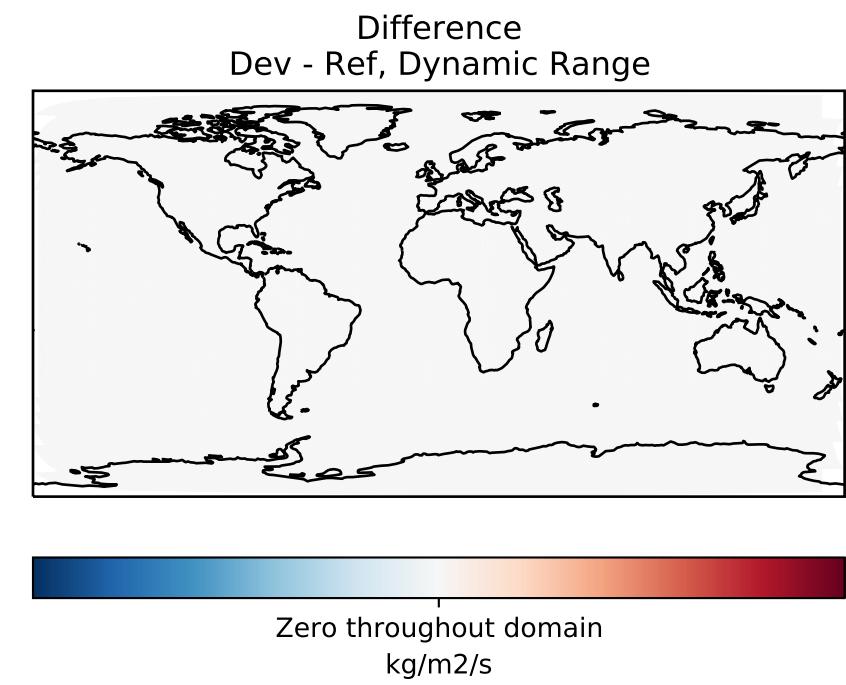
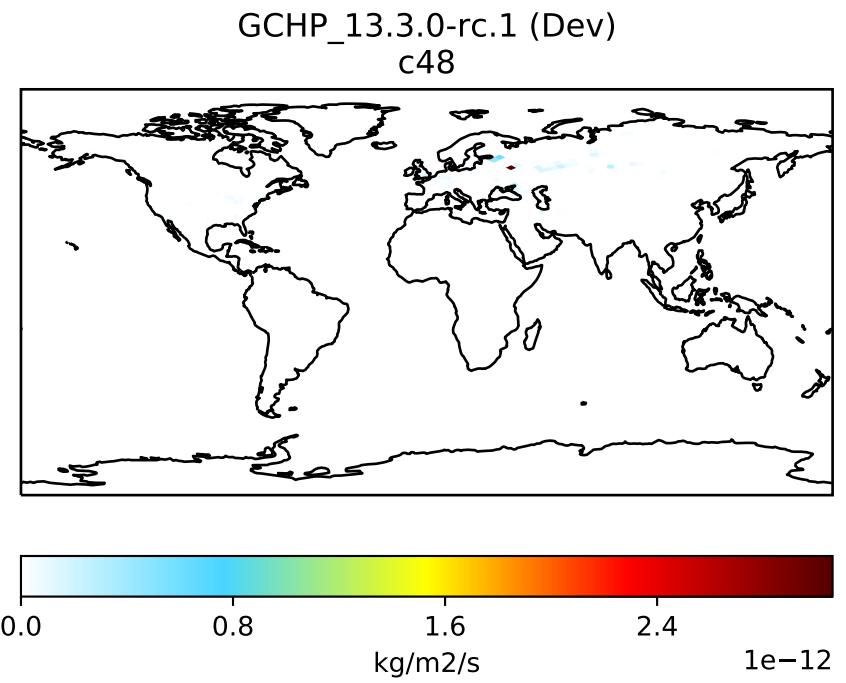
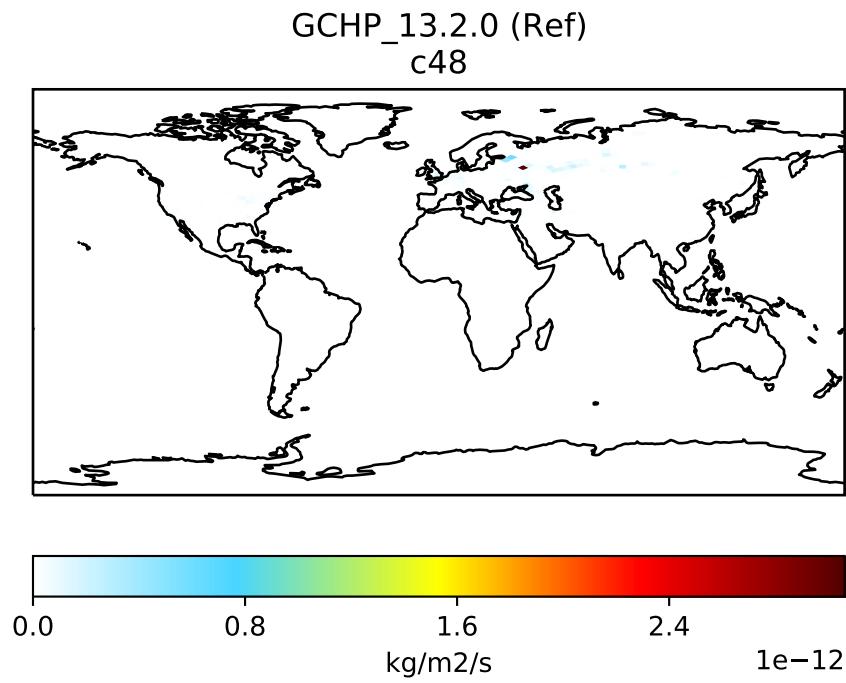
Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

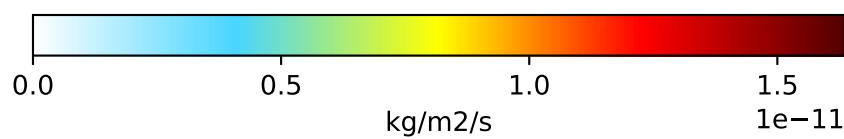
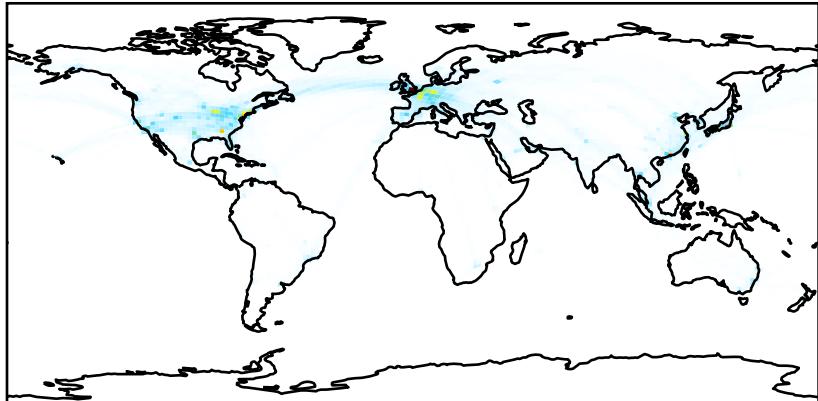


# EmisMACR\_Aircraft

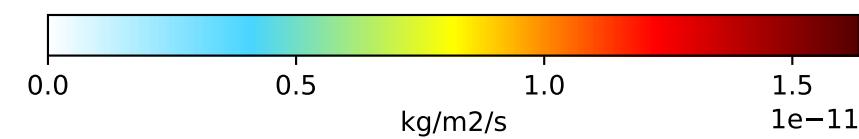
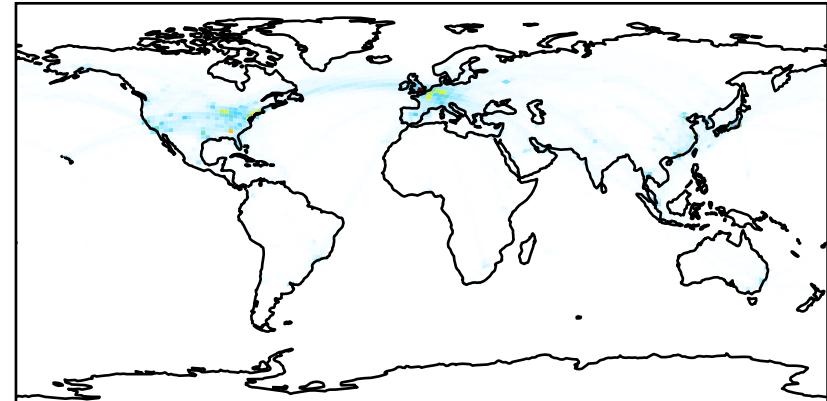


# EmisNO\_Aircraft

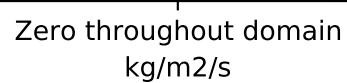
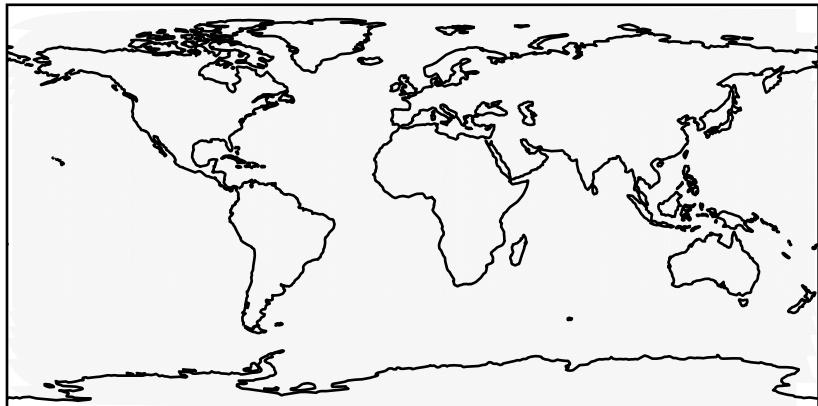
GCHP\_13.2.0 (Ref)  
c48



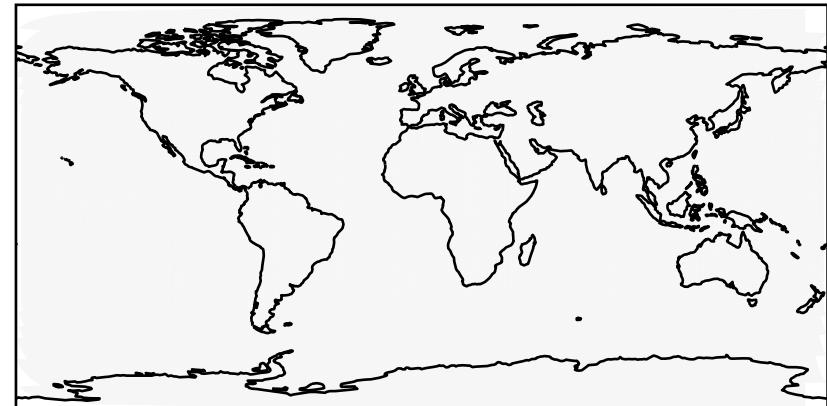
GCHP\_13.3.0-rc.1 (Dev)  
c48



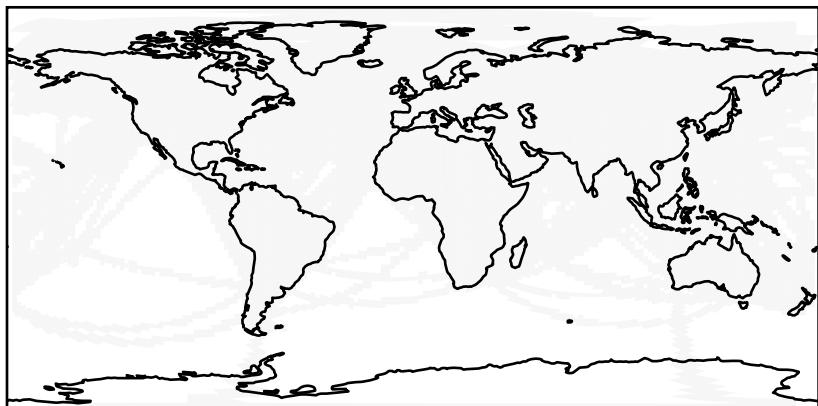
Difference  
Dev - Ref, Dynamic Range



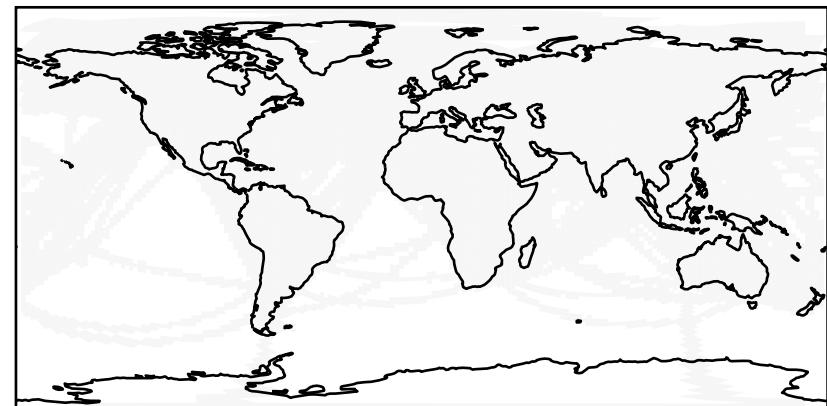
Difference  
Dev - Ref, Restricted Range [5%,95%]



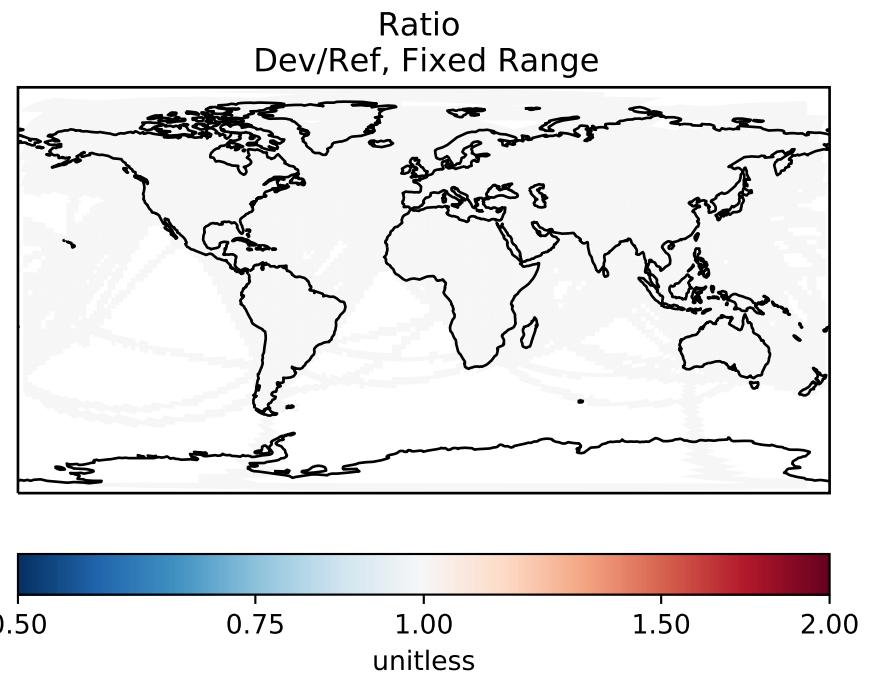
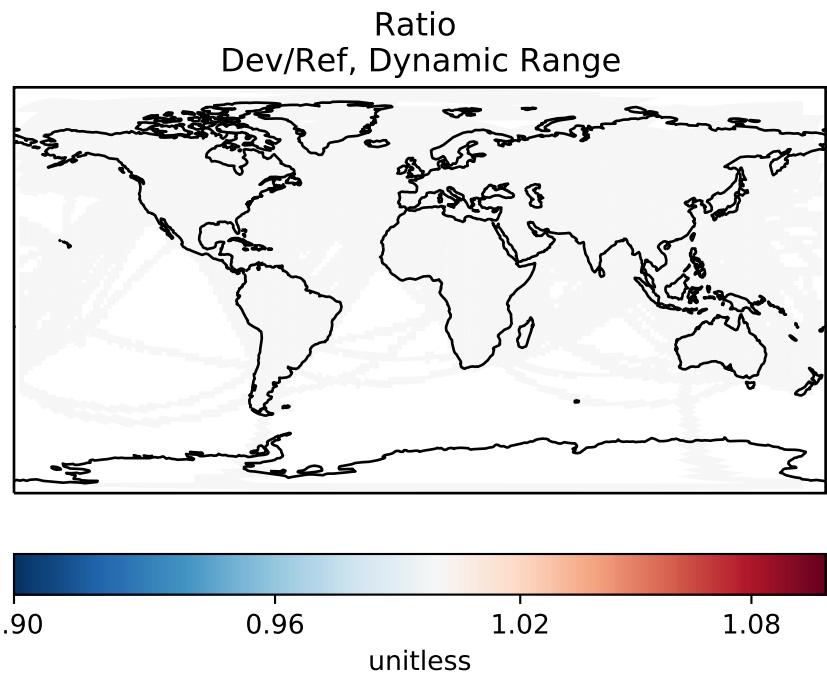
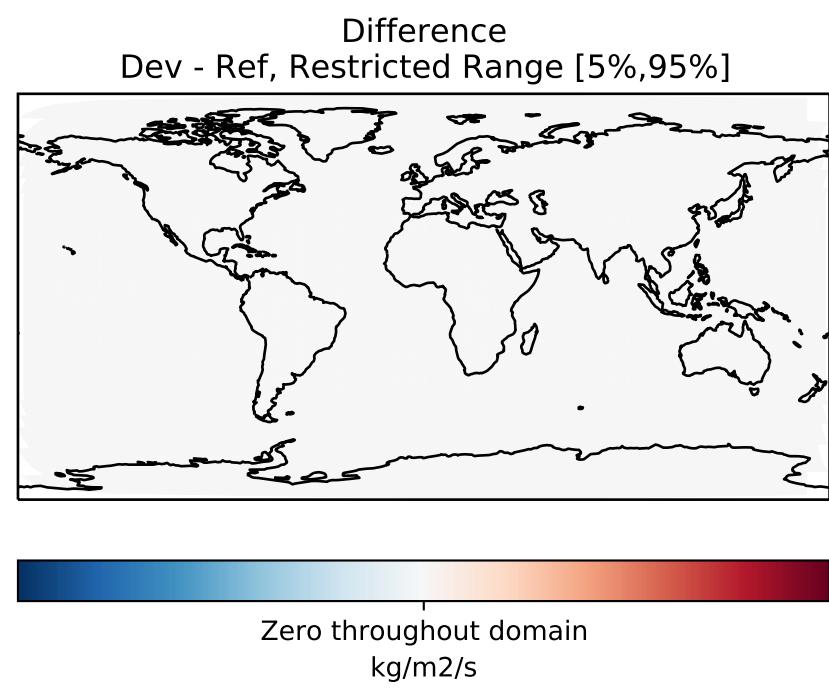
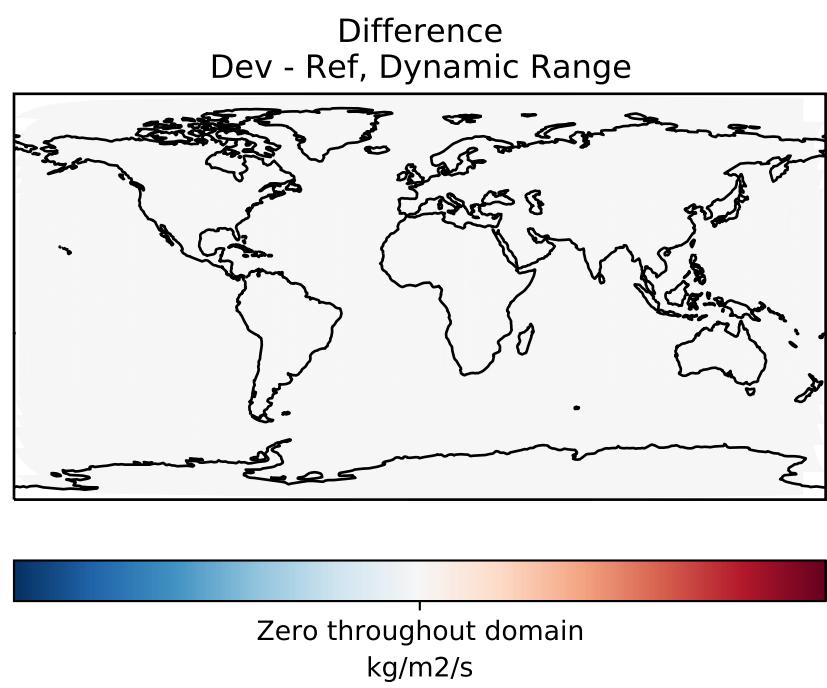
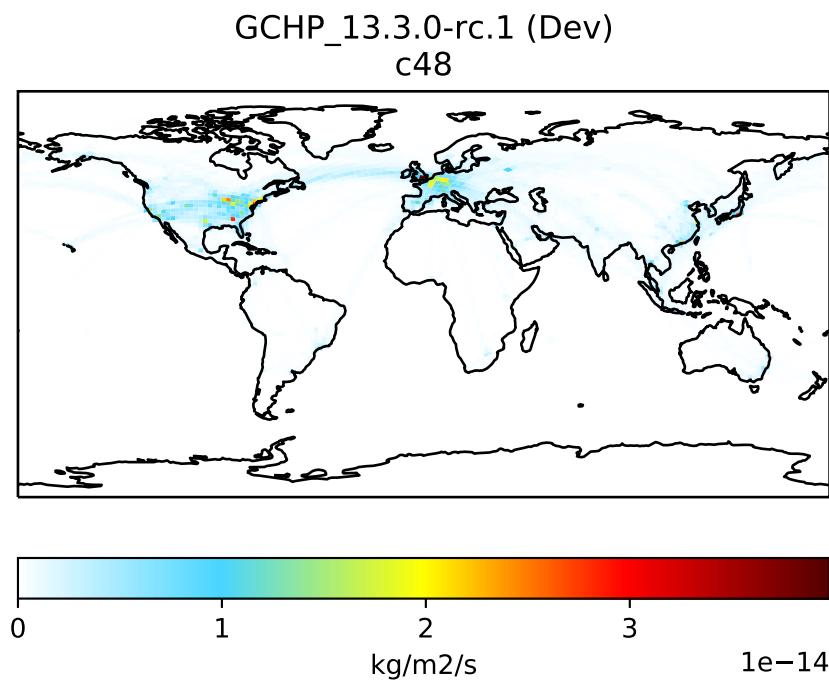
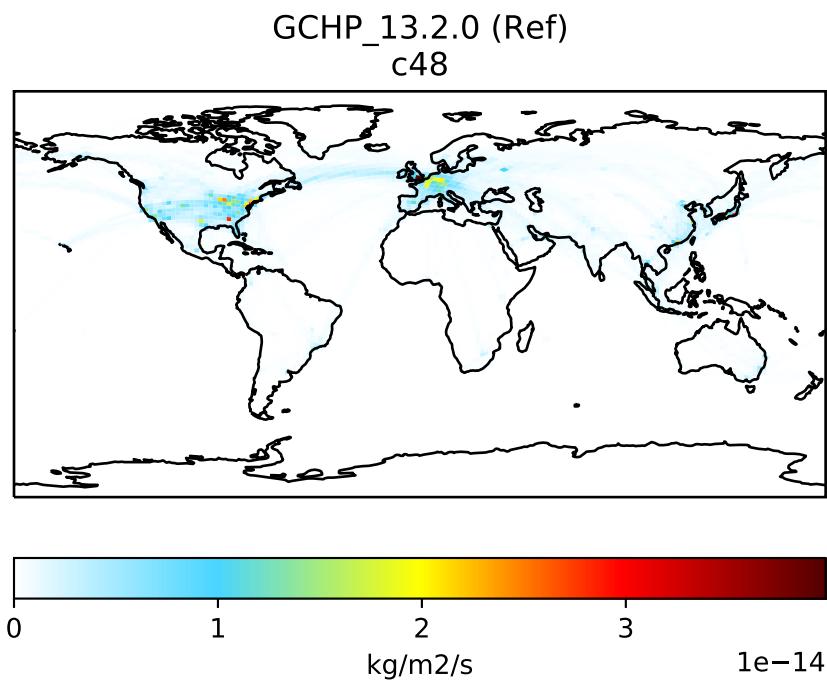
Ratio  
Dev/Ref, Dynamic Range



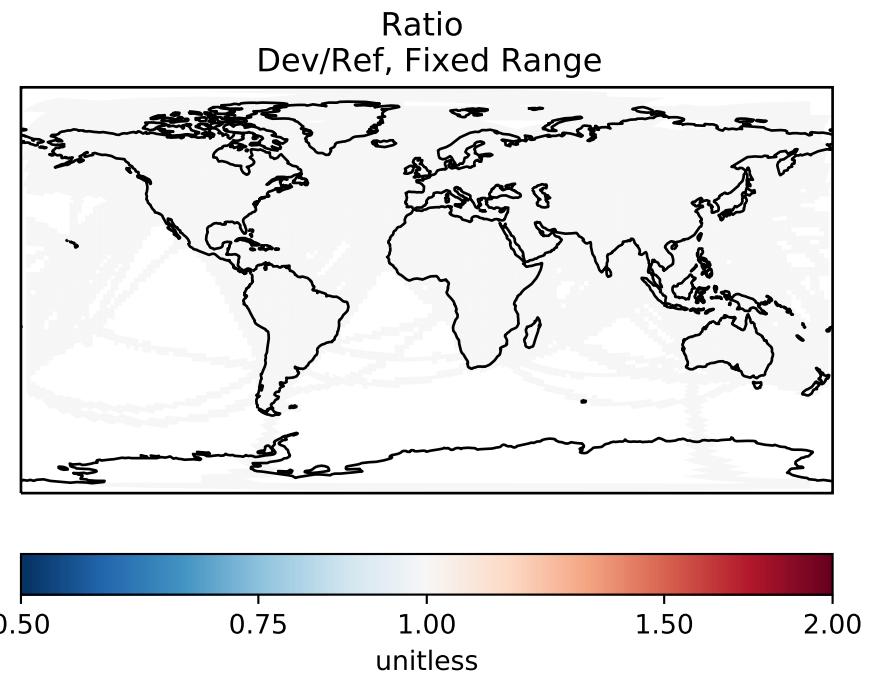
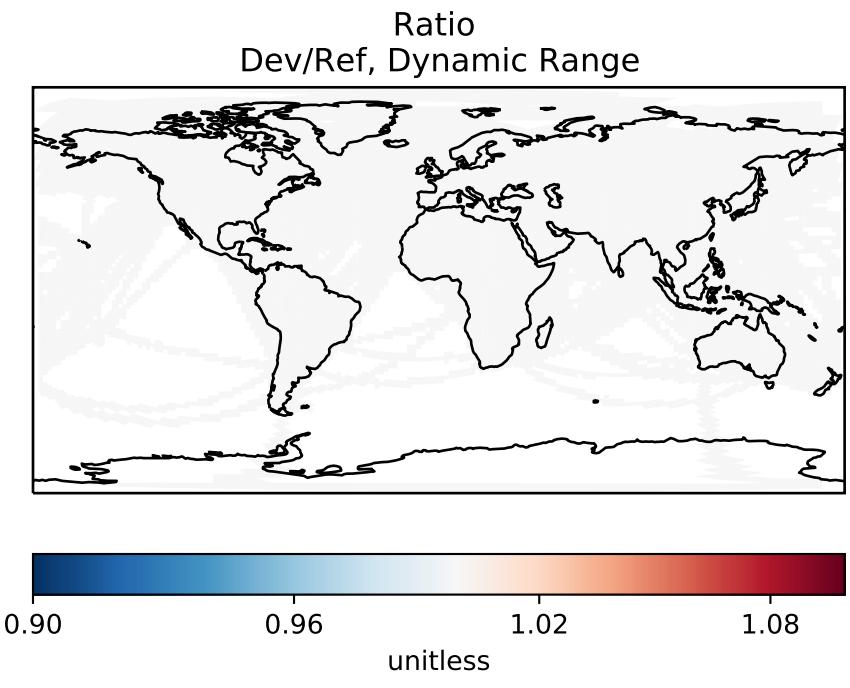
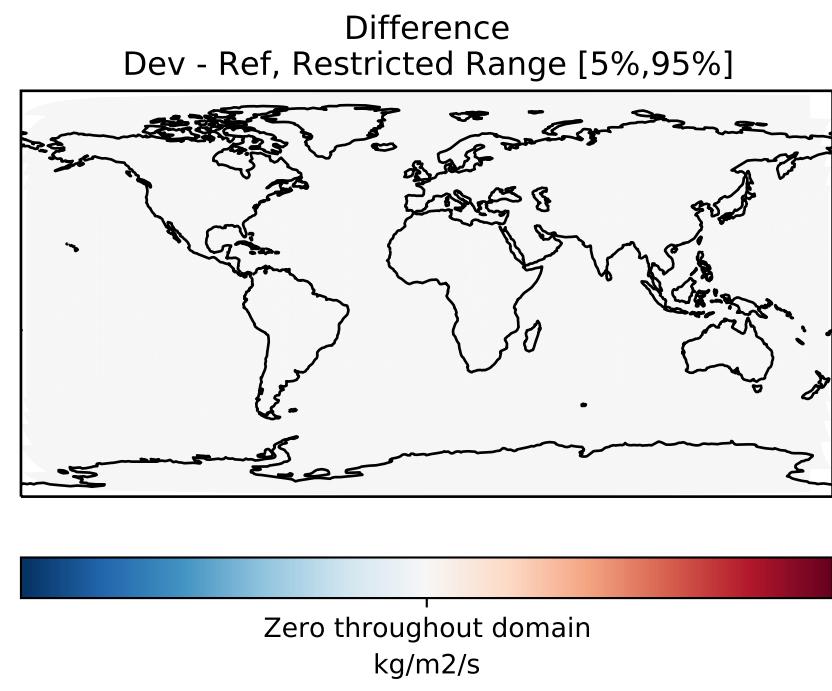
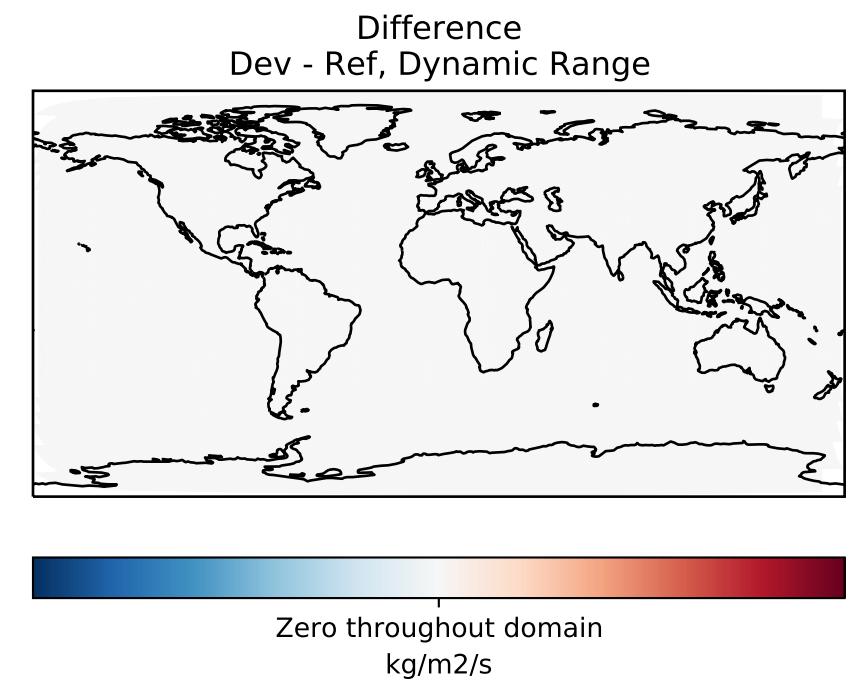
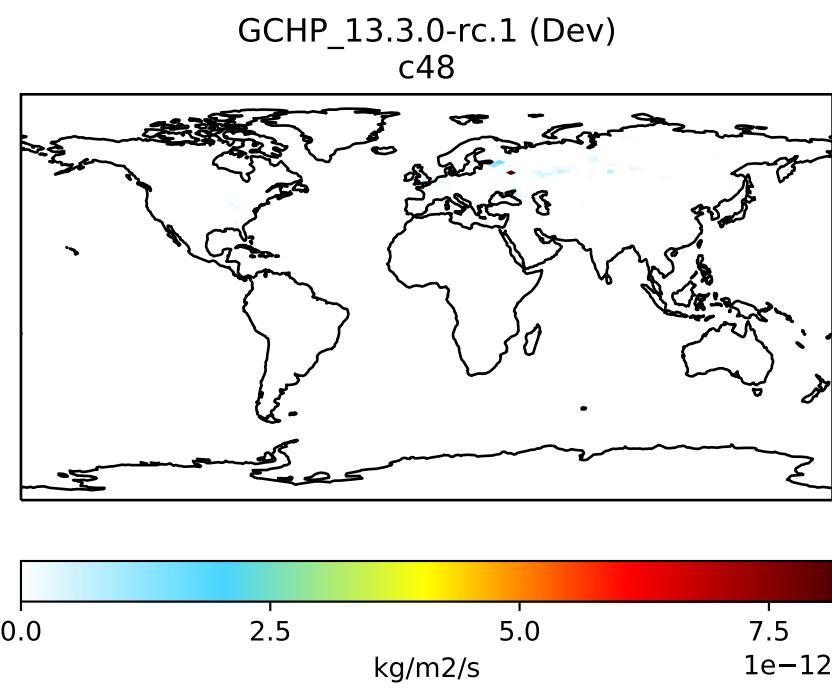
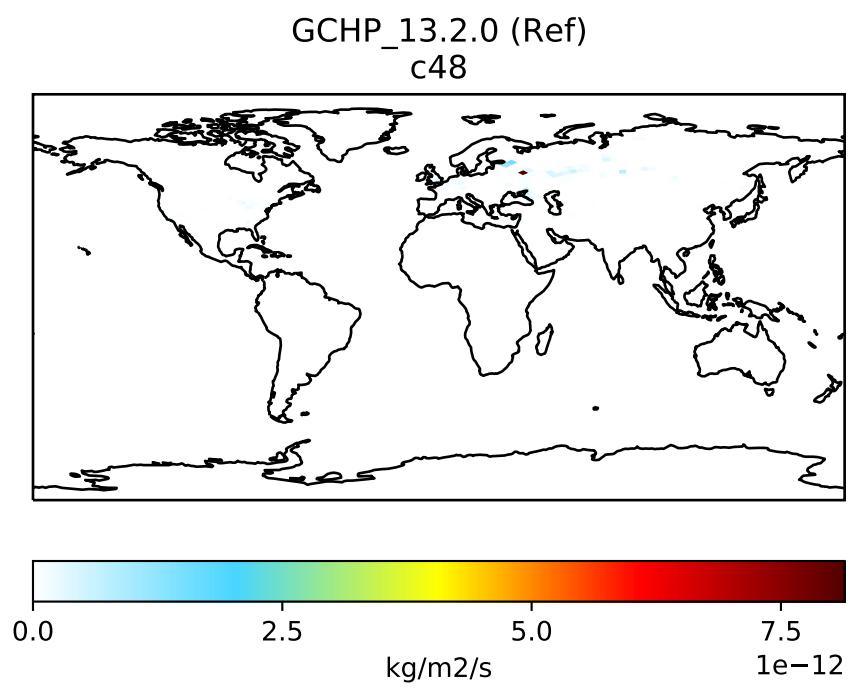
Ratio  
Dev/Ref, Fixed Range



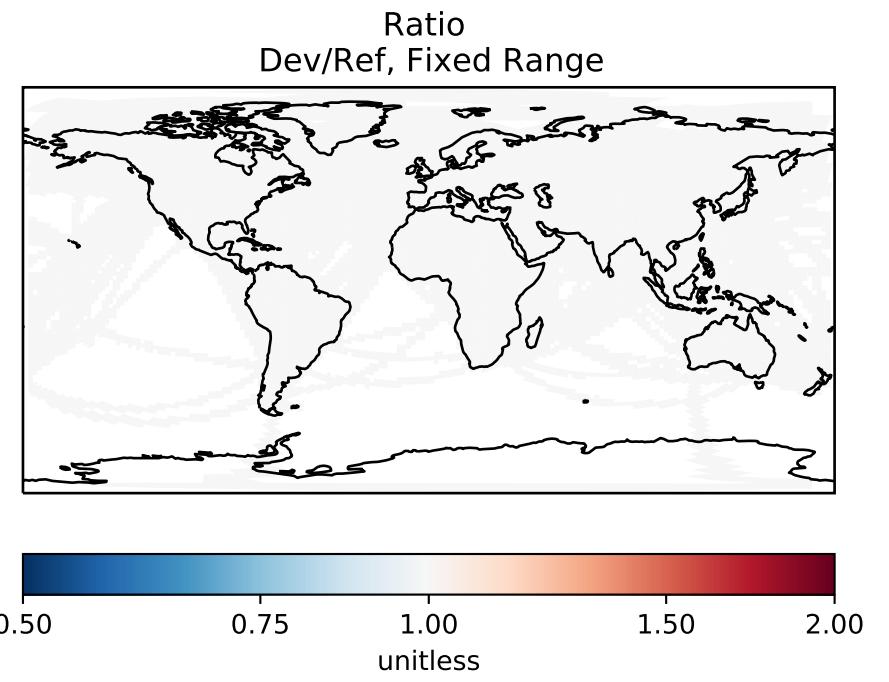
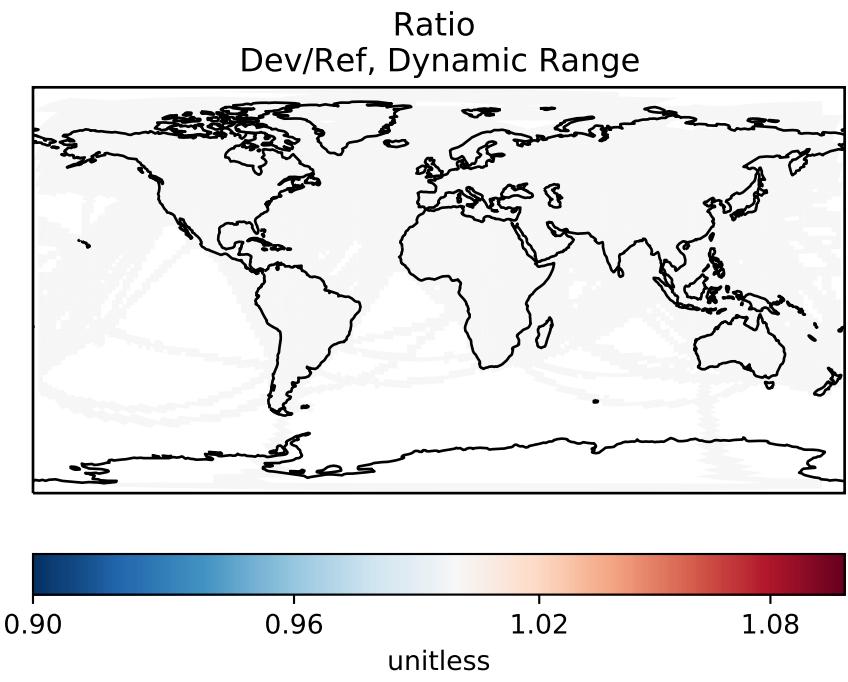
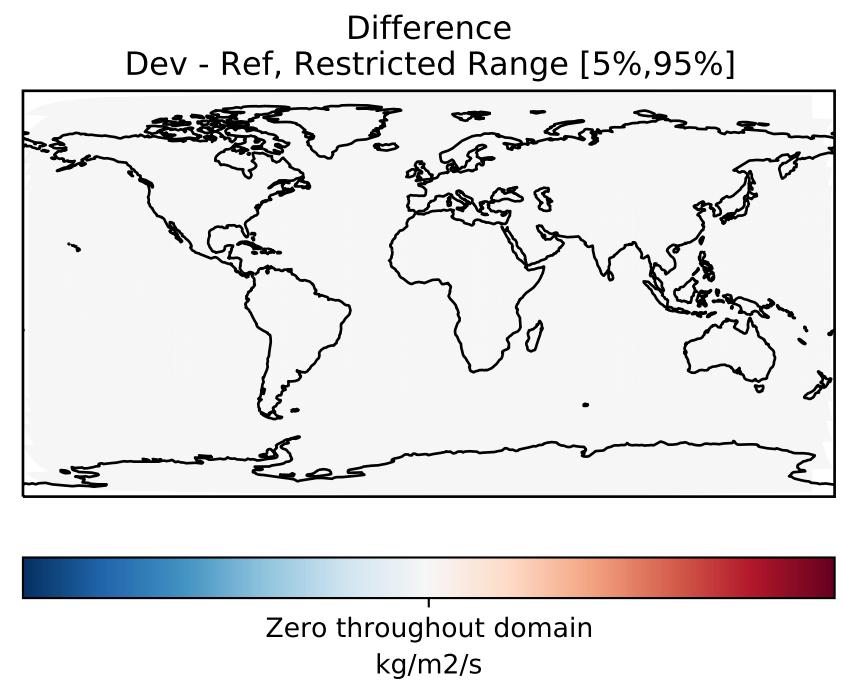
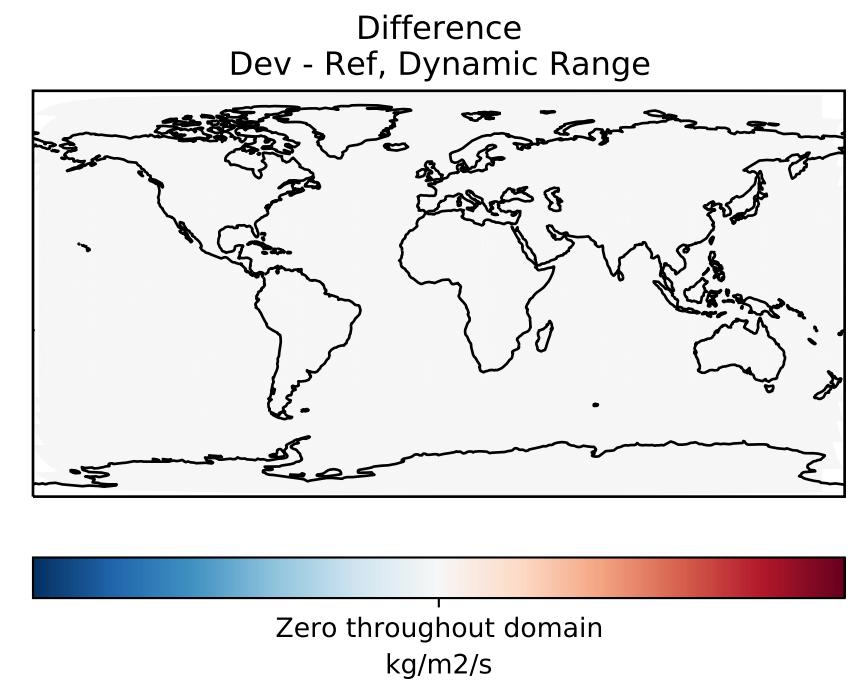
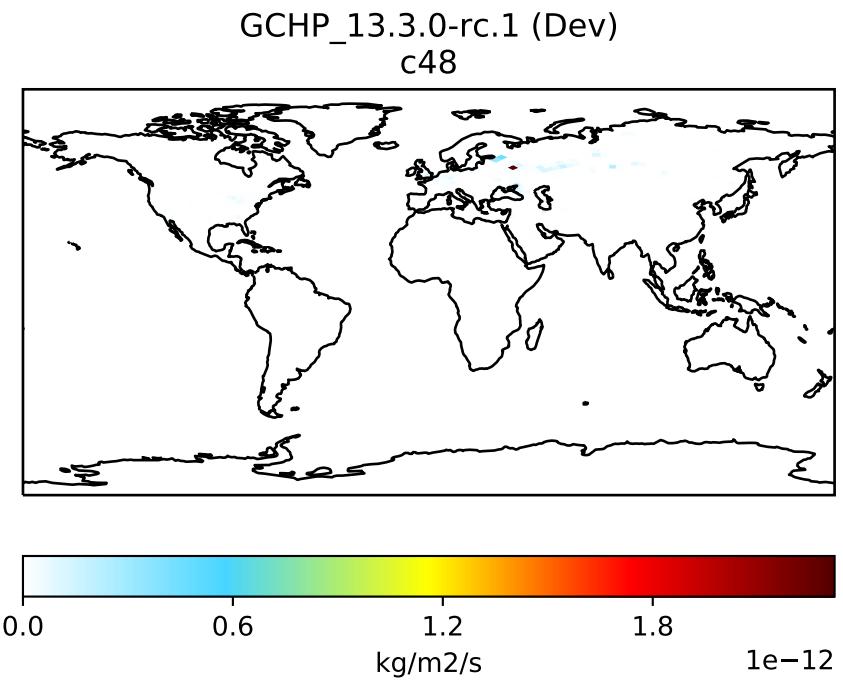
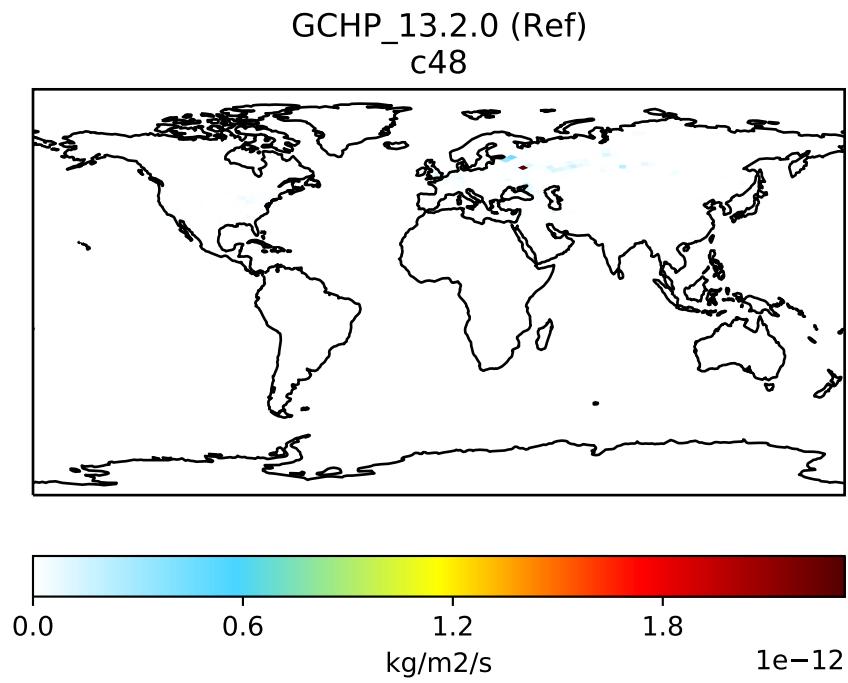
# EmisOCPI\_Aircraft



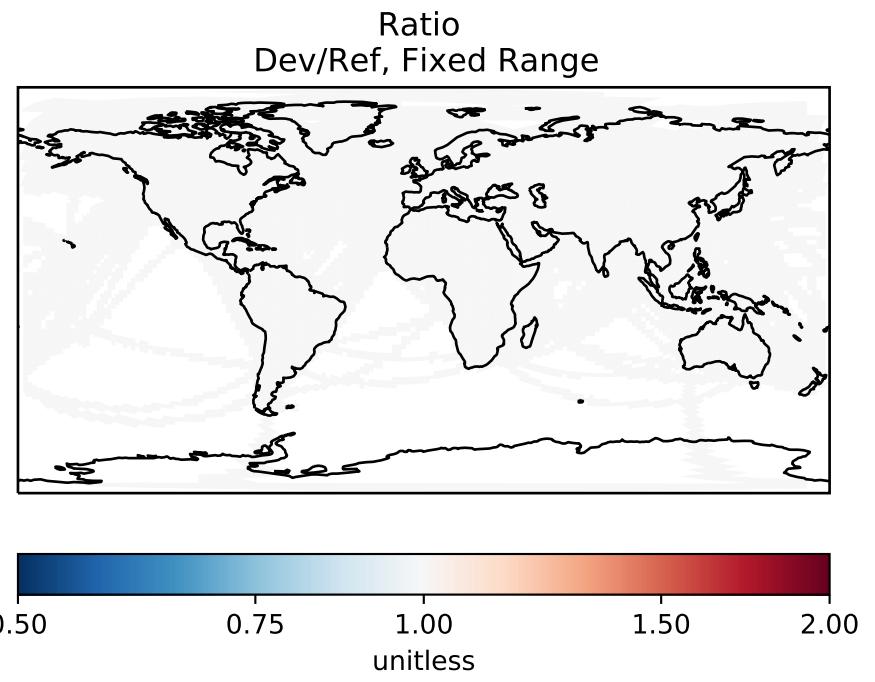
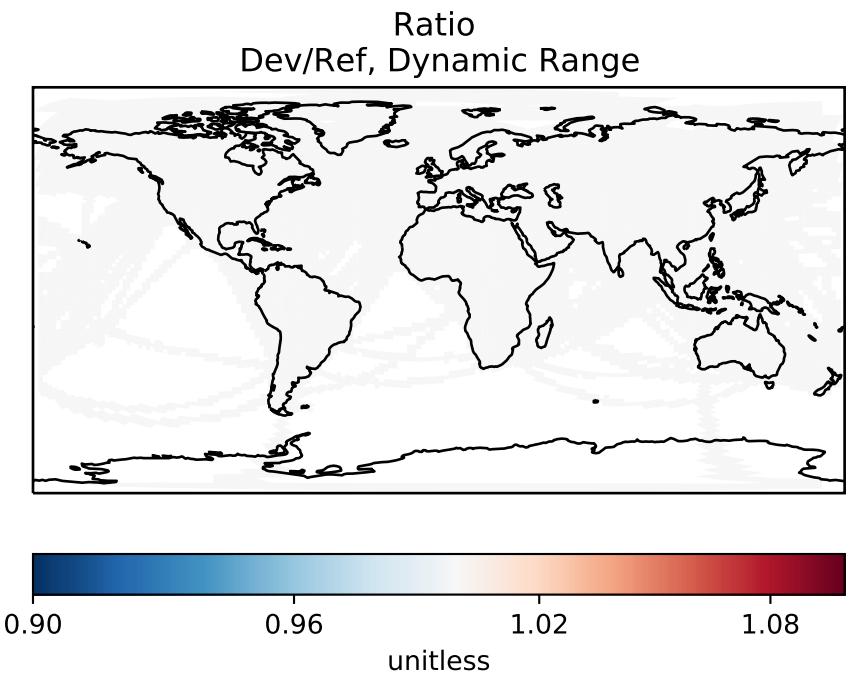
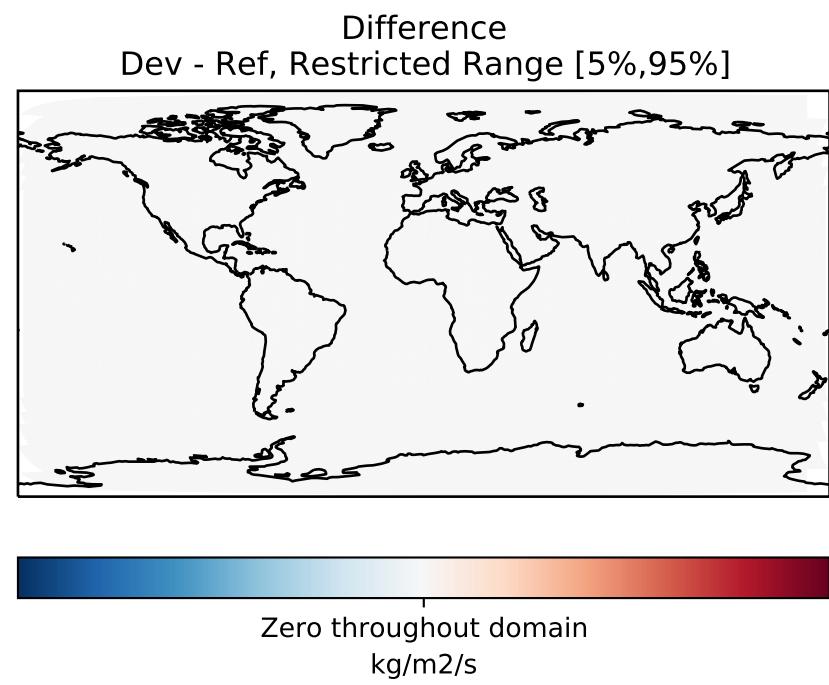
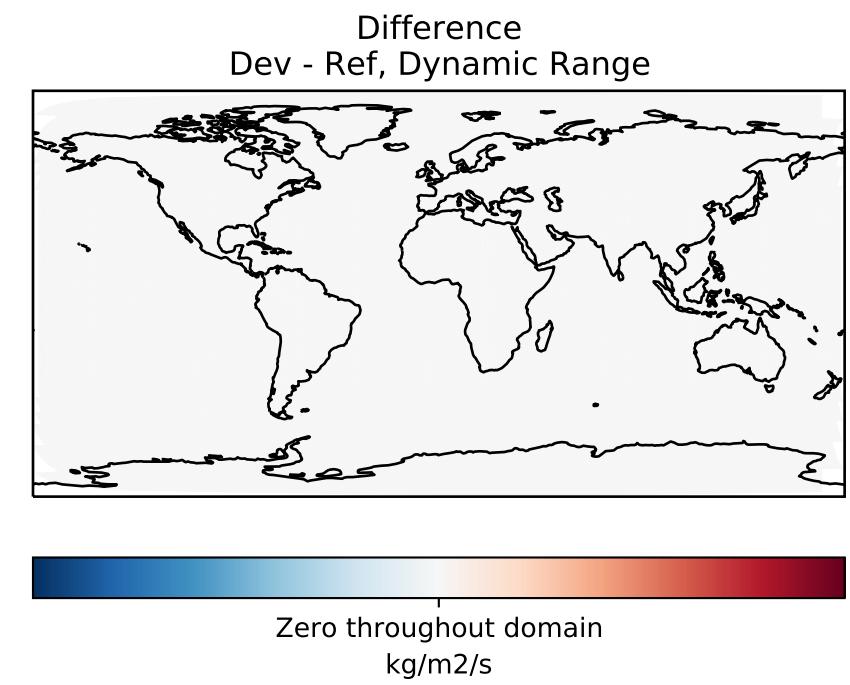
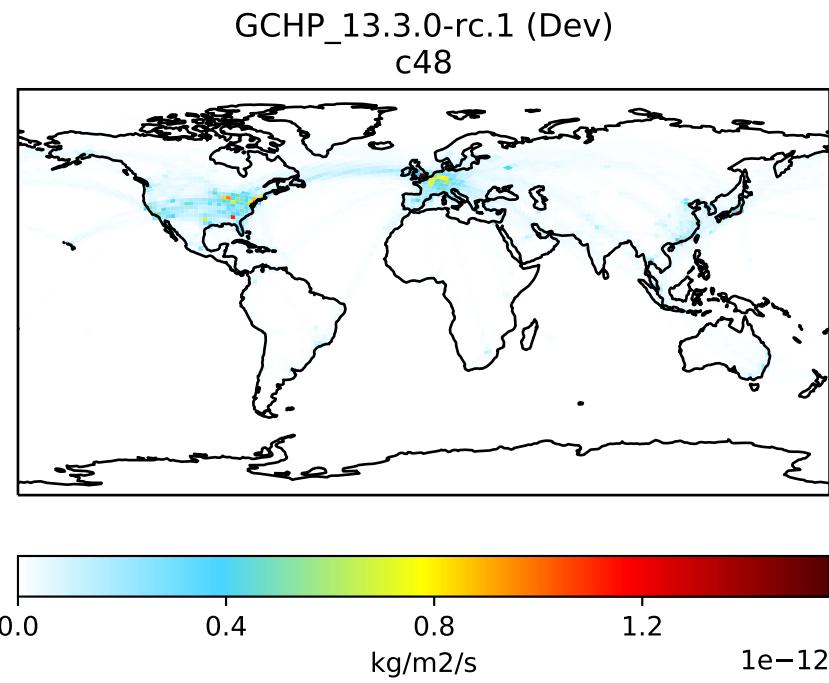
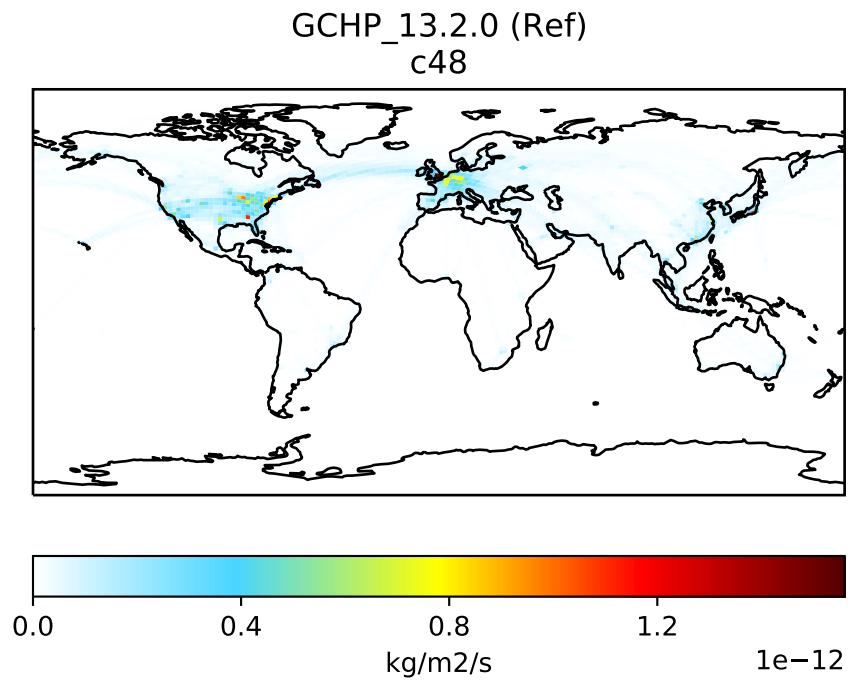
# EmisPRPE\_Aircraft



# EmisRCHO\_Aircraft

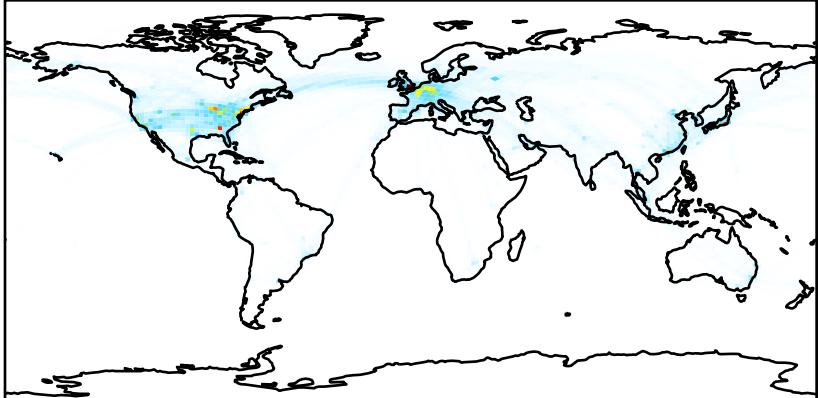


# EmisSO2\_Aircraft

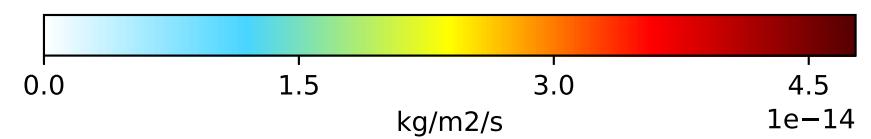
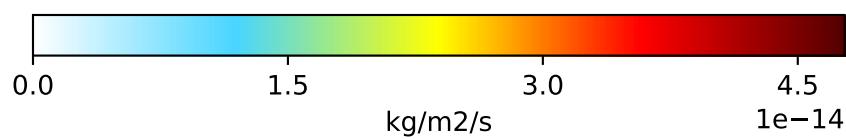
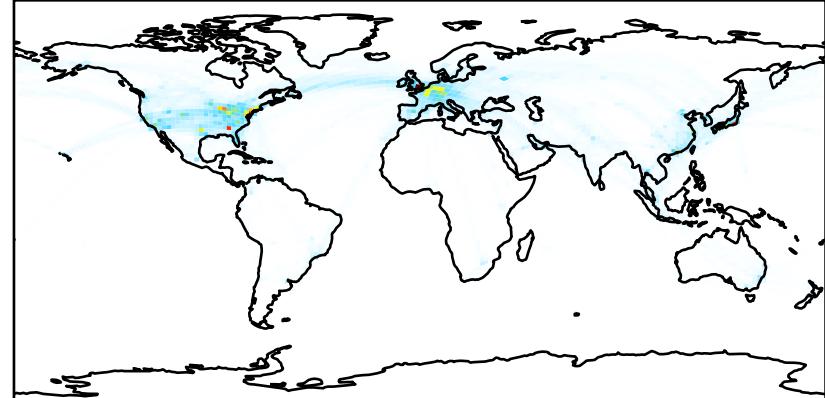


# EmisSO4\_Aircraft

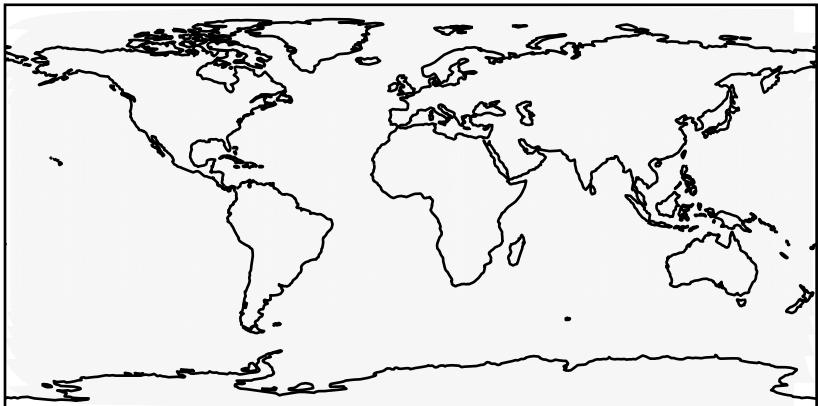
GCHP\_13.2.0 (Ref)  
c48



GCHP\_13.3.0-rc.1 (Dev)  
c48

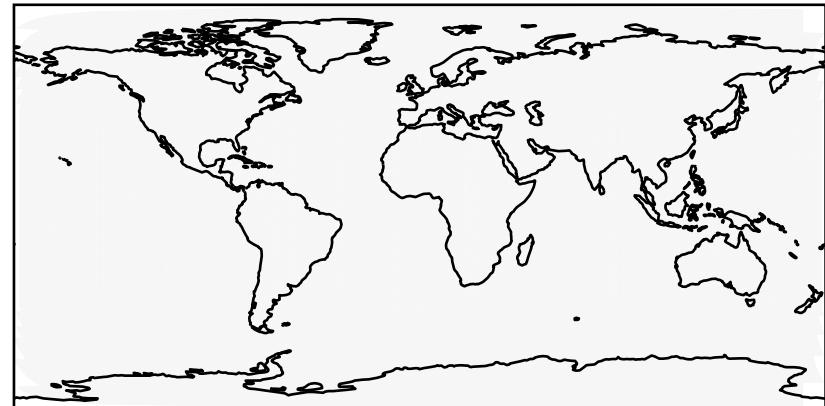


Difference  
Dev - Ref, Dynamic Range



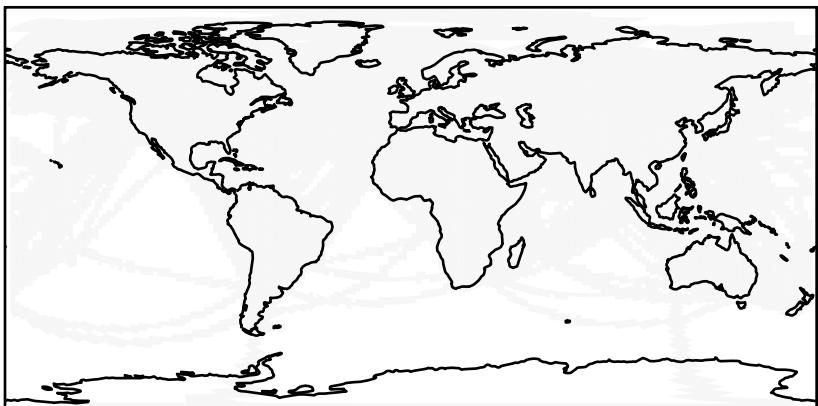
Zero throughout domain  
kg/m<sup>2</sup>/s

Difference  
Dev - Ref, Restricted Range [5%,95%]



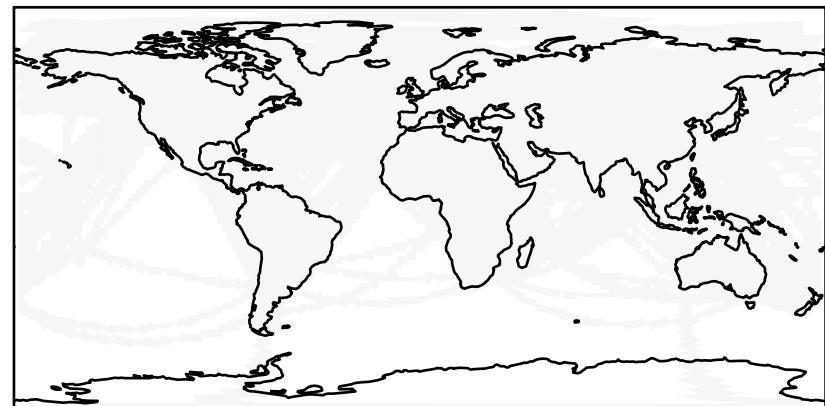
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



0.90      0.96      1.02      1.08  
unitless

Ratio  
Dev/Ref, Fixed Range



0.50      0.75      1.00      1.50      2.00  
unitless

# EmisSOAP\_Aircraft

