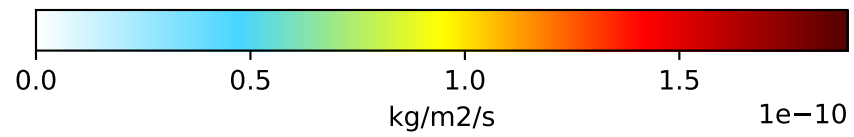
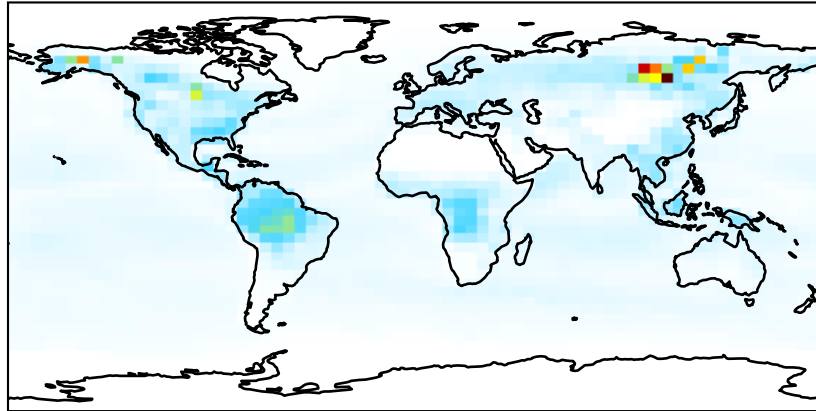
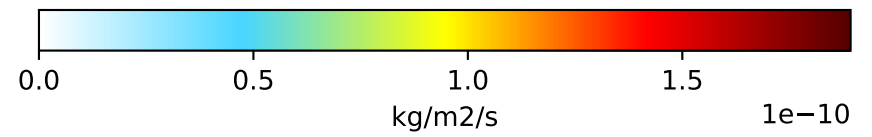
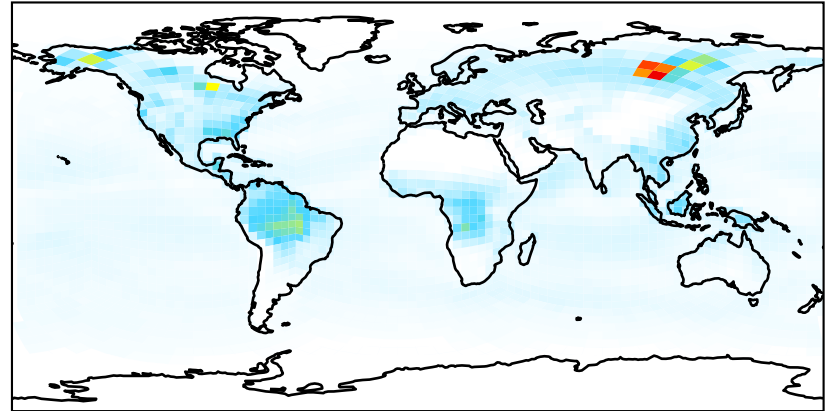


# EmisACET\_Total

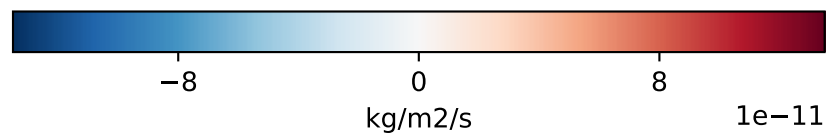
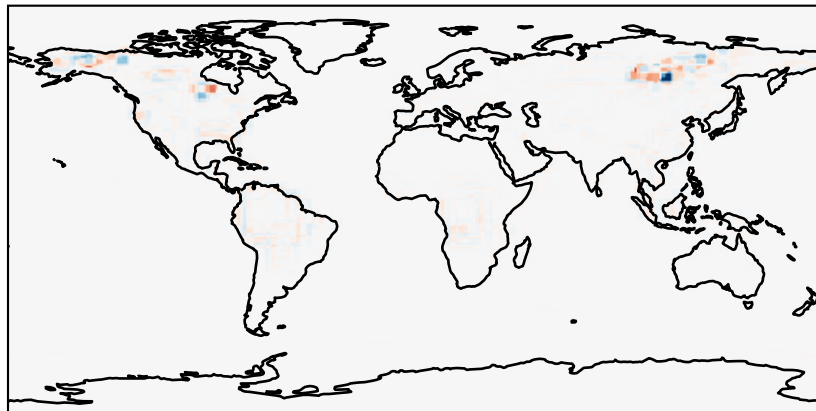
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



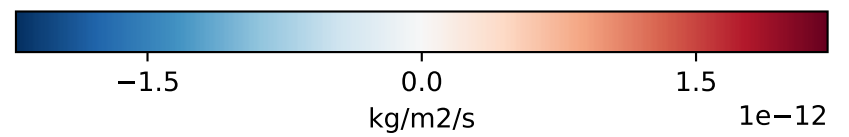
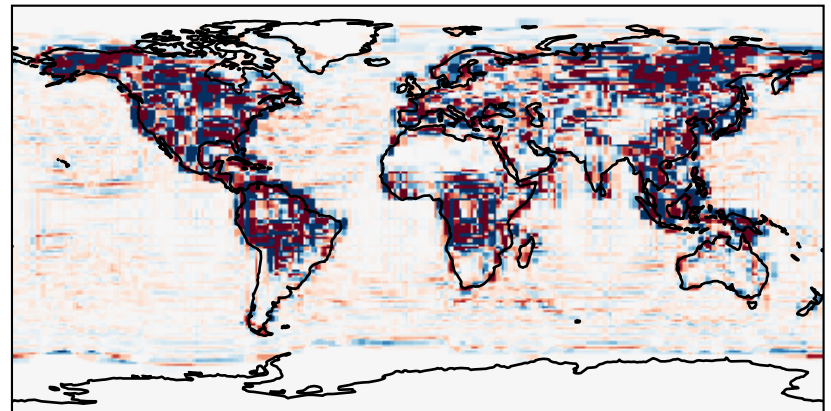
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



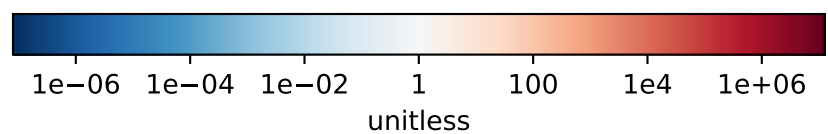
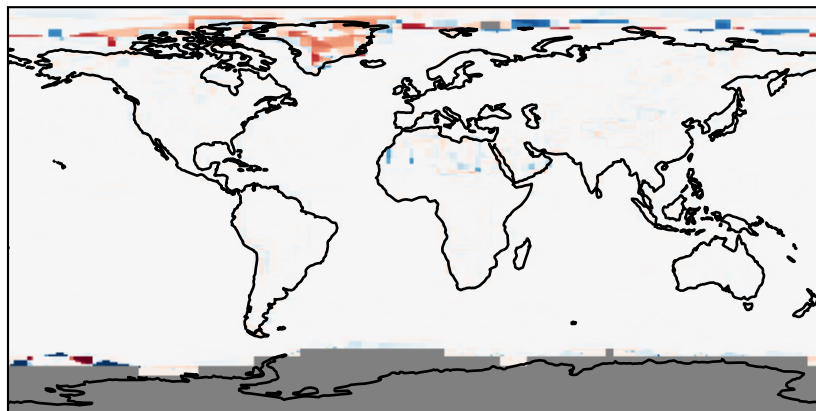
Difference (1x1.25)  
Dev - Ref, Dynamic Range



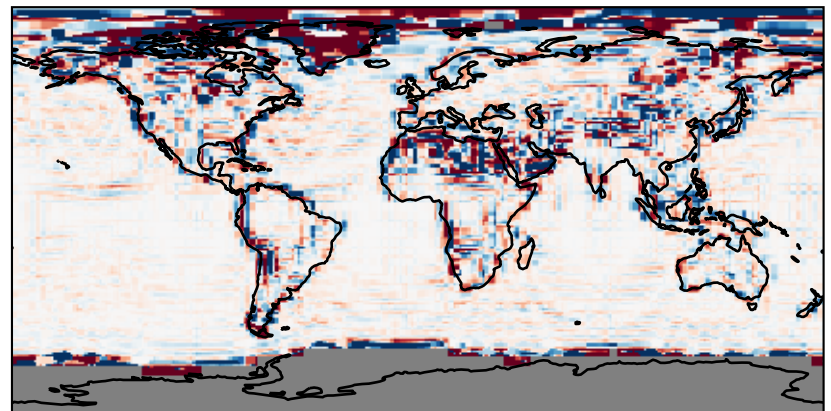
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

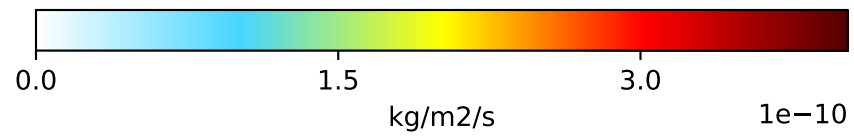
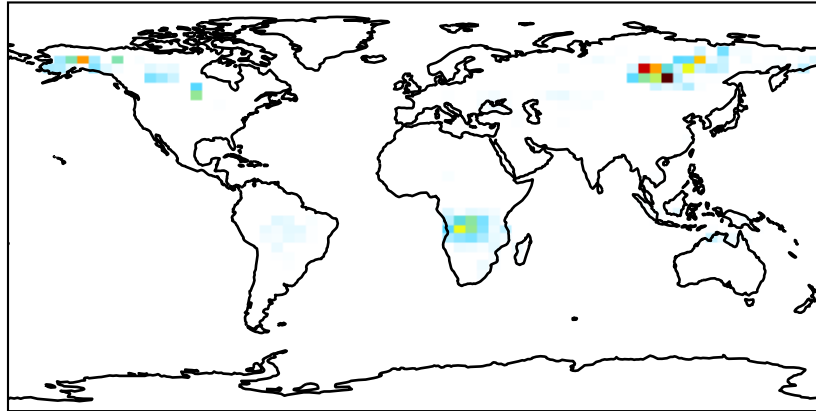


Ratio (1x1.25)  
Dev/Ref, Fixed Range

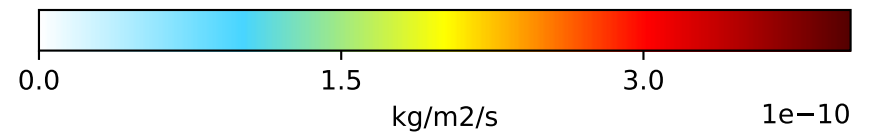
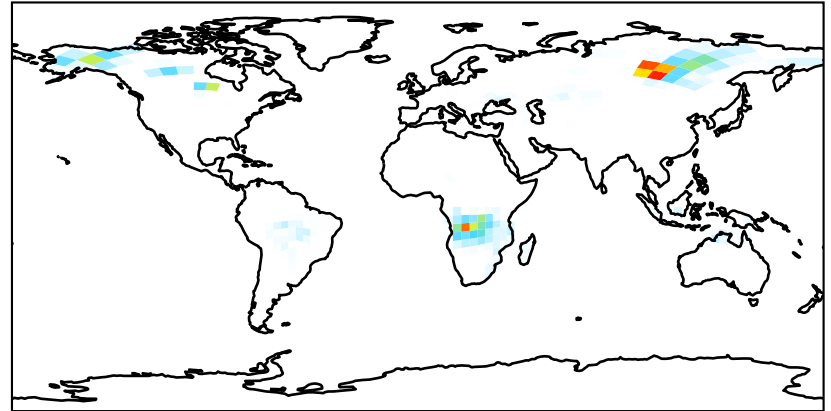


# EmisACTA\_Total

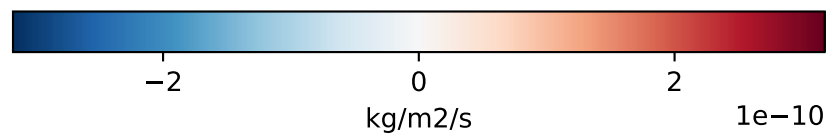
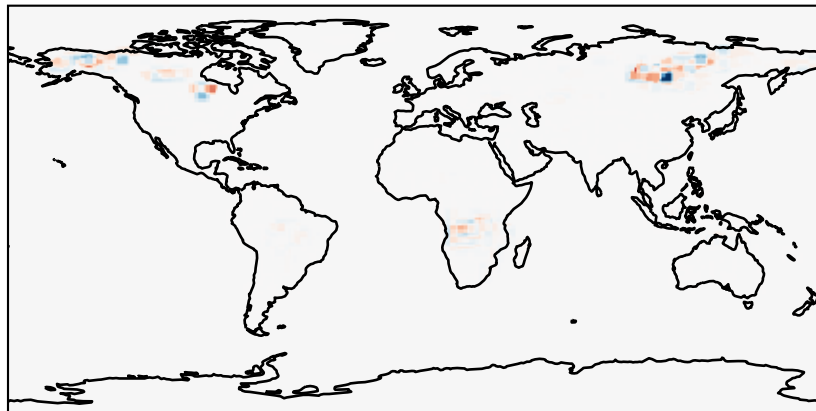
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



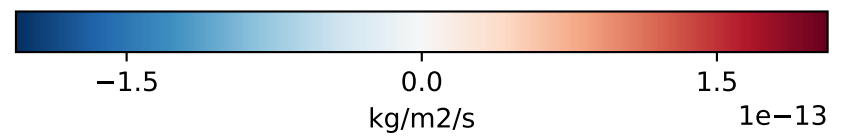
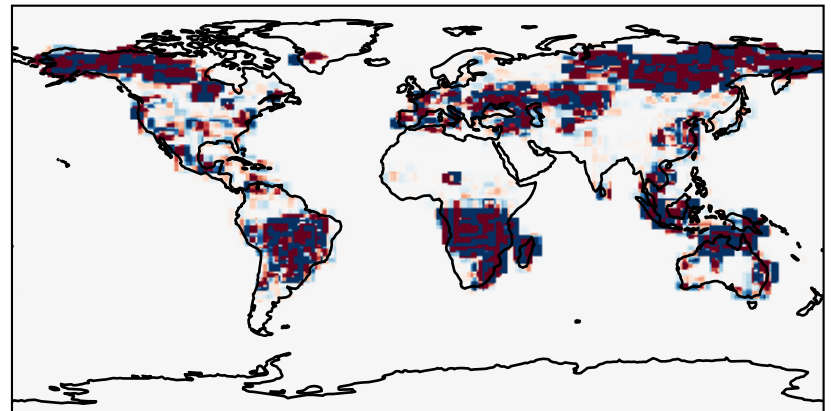
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



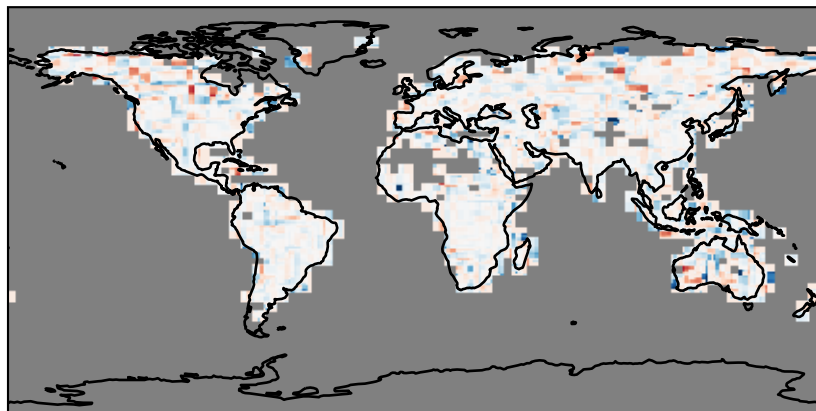
Difference (1x1.25)  
Dev - Ref, Dynamic Range



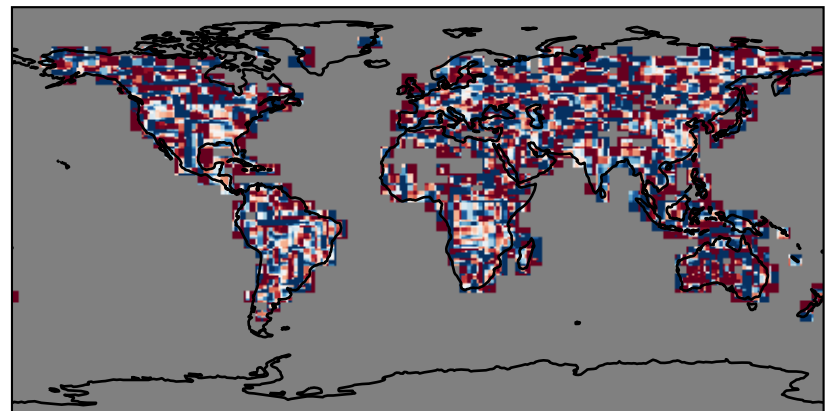
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

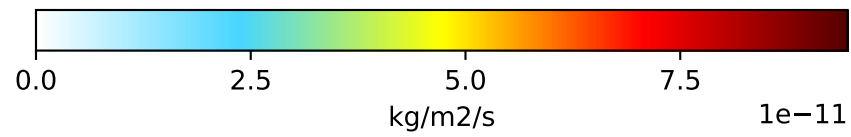
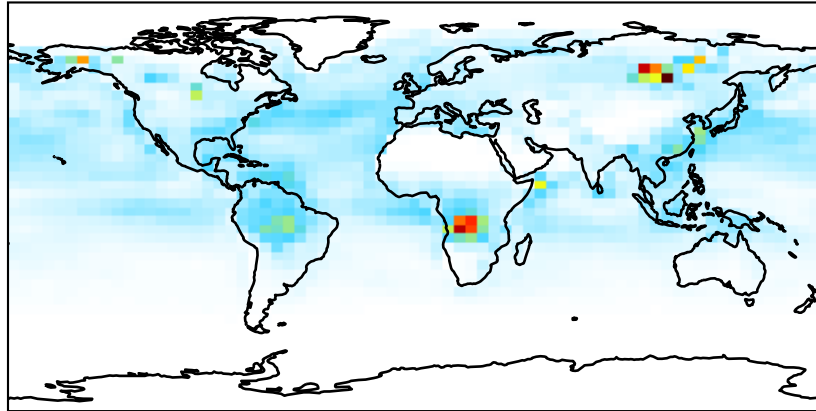


Ratio (1x1.25)  
Dev/Ref, Fixed Range

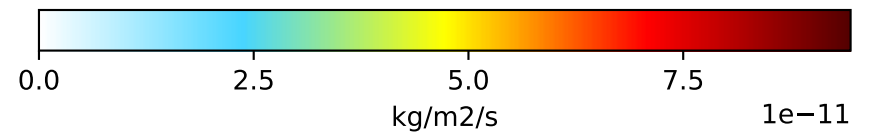
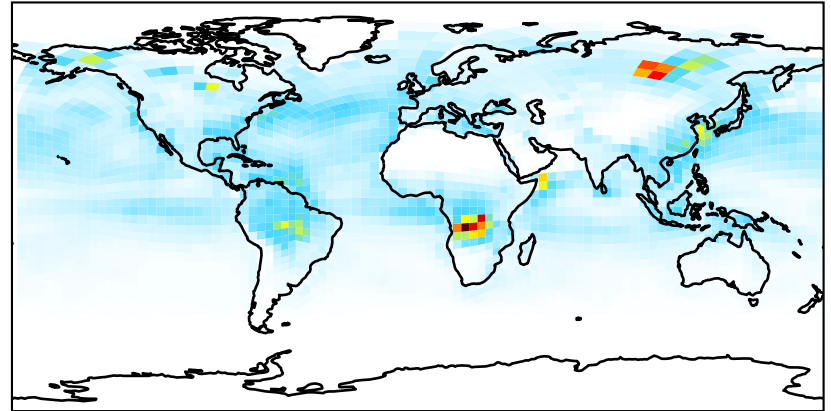


# EmisALD2\_Total

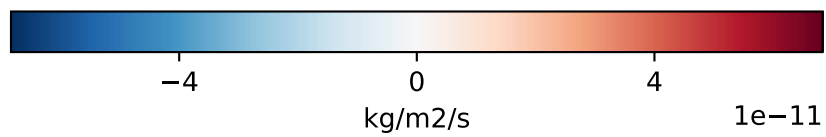
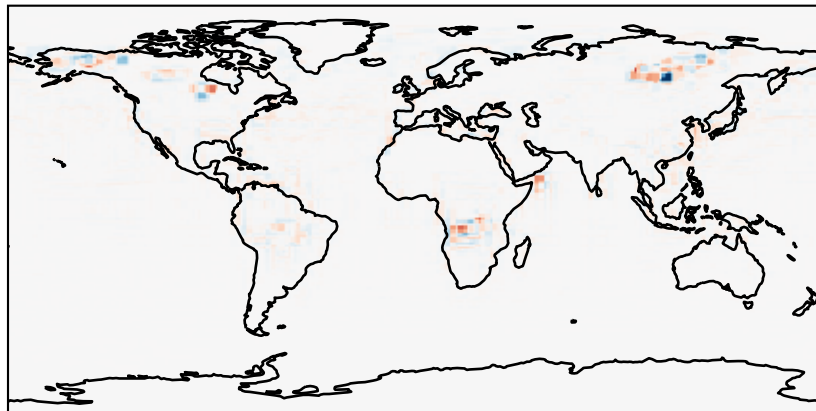
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



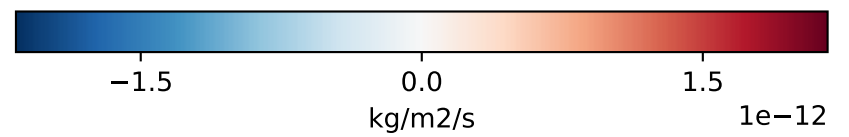
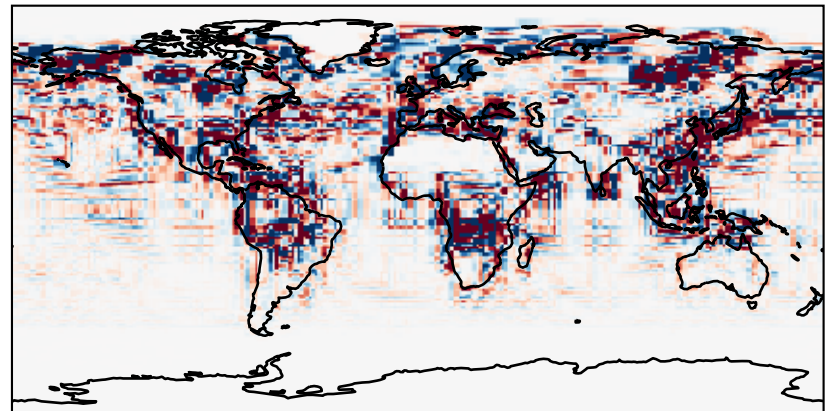
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



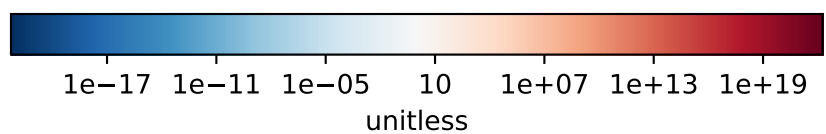
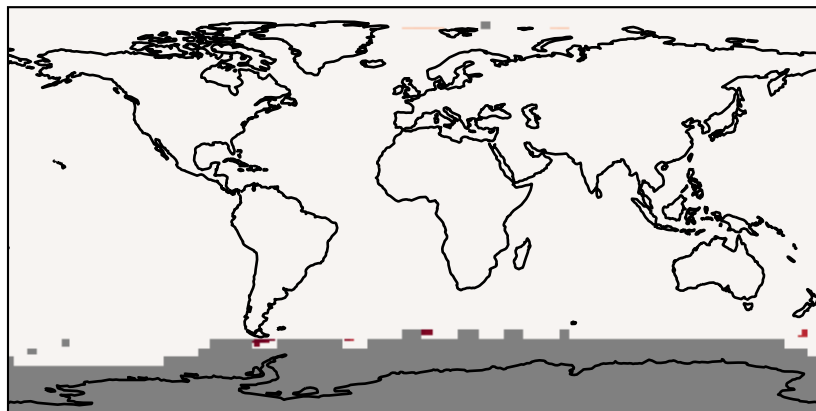
Difference (1x1.25)  
Dev - Ref, Dynamic Range



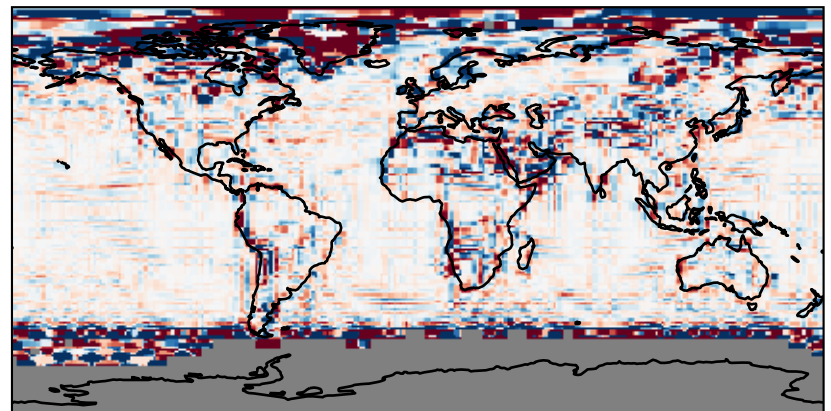
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

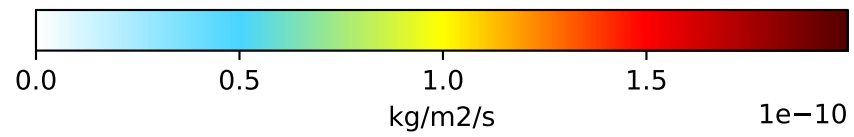
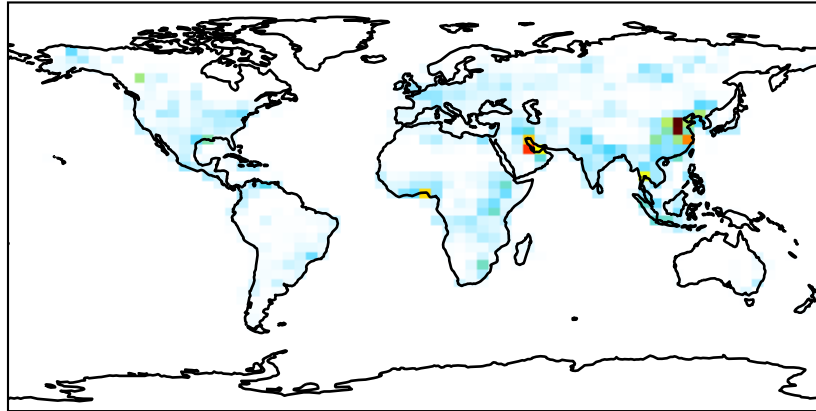


Ratio (1x1.25)  
Dev/Ref, Fixed Range

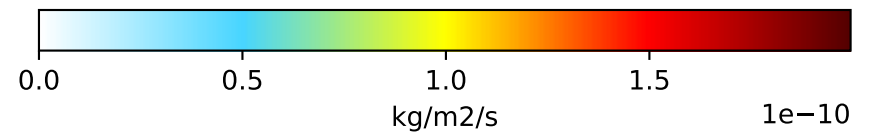
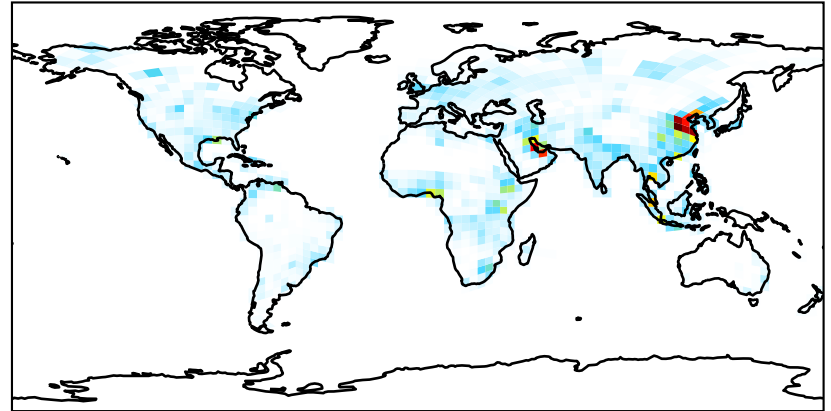


# EmisALK4\_Total

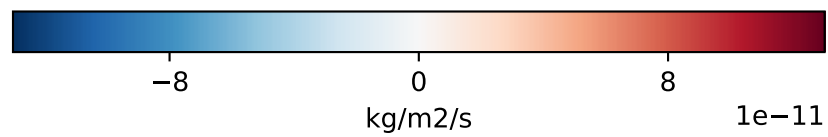
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



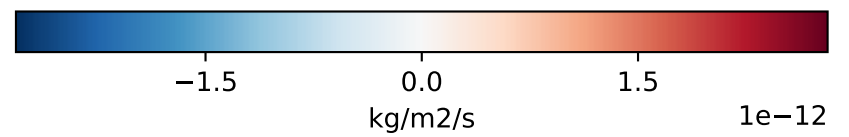
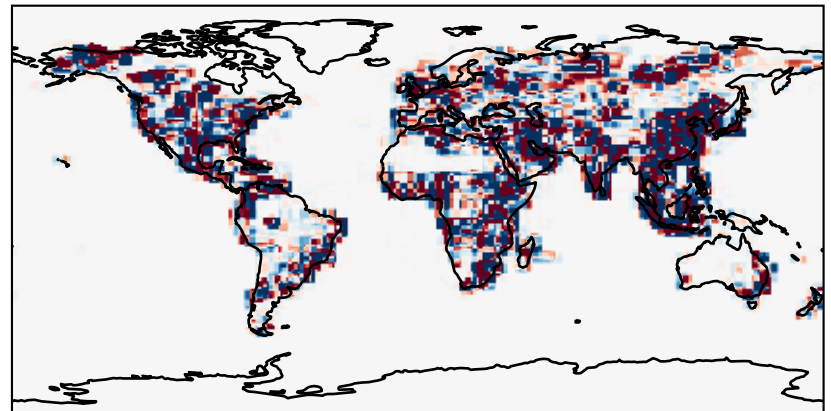
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



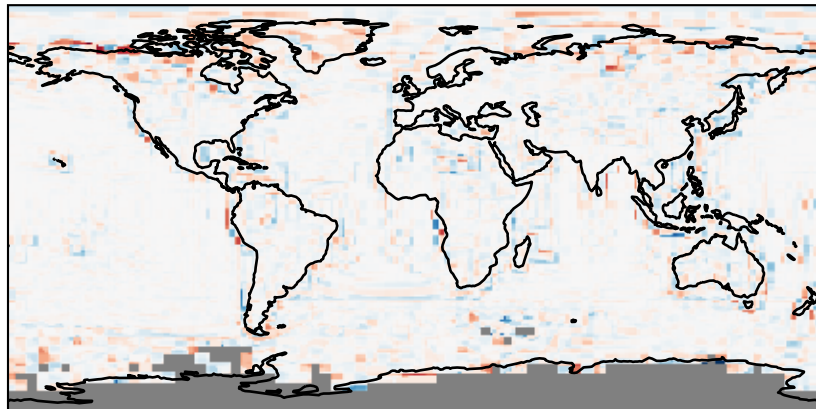
Difference (1x1.25)  
Dev - Ref, Dynamic Range



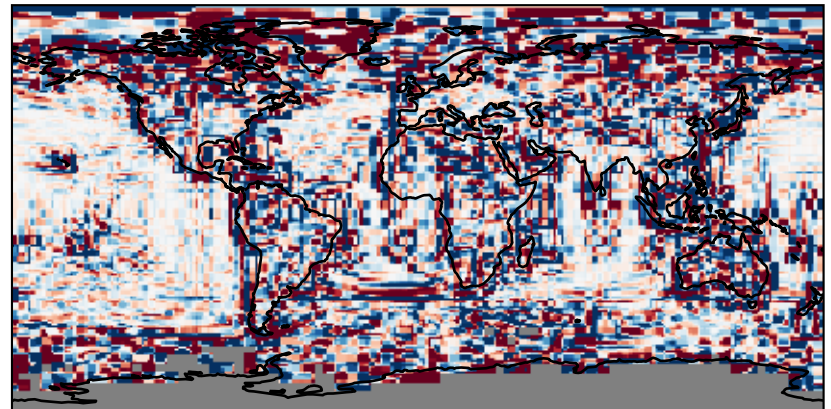
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

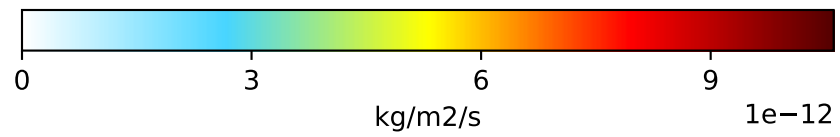
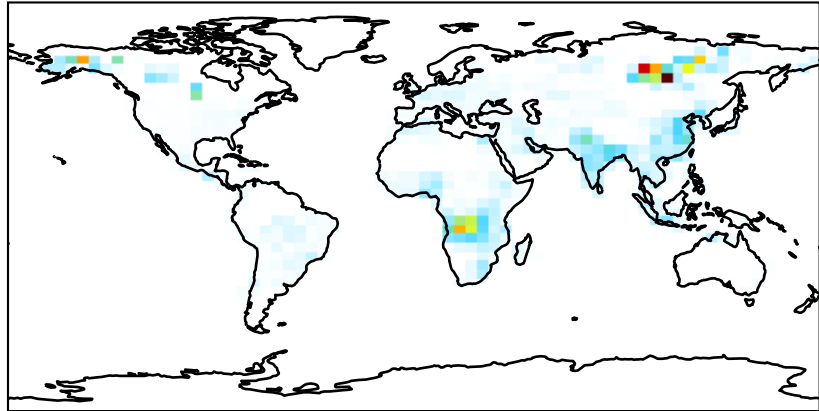


Ratio (1x1.25)  
Dev/Ref, Fixed Range

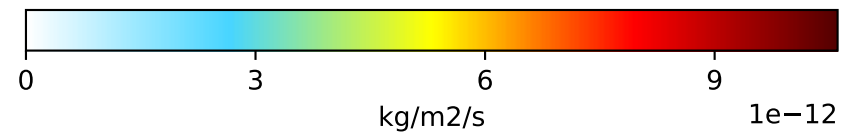
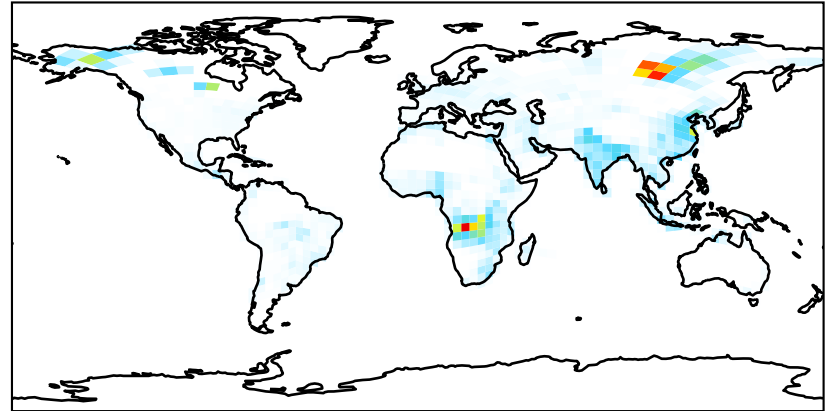


# EmisBCPI\_Total

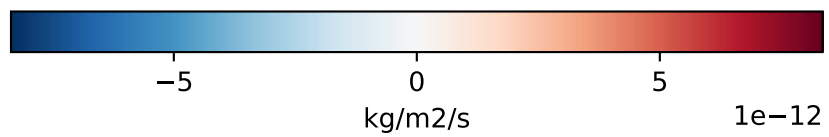
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



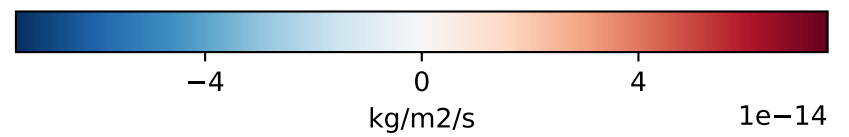
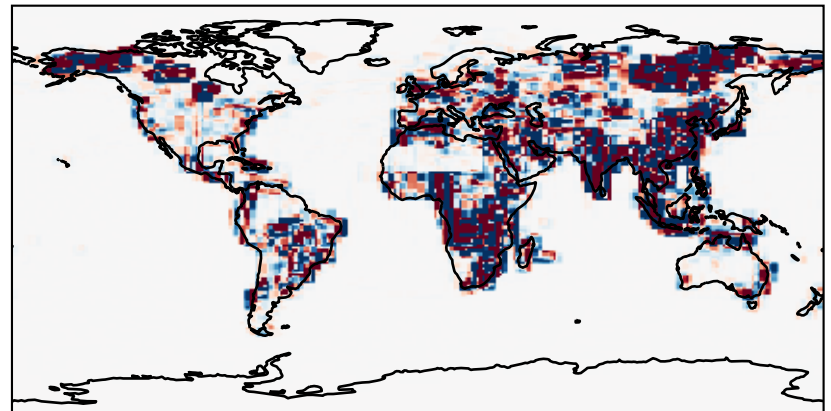
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



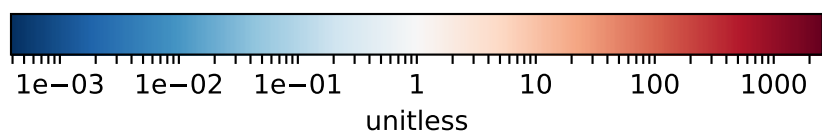
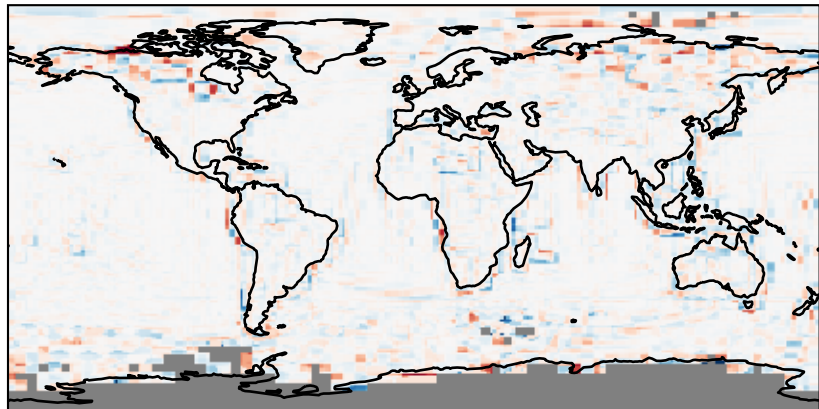
Difference (1x1.25)  
Dev - Ref, Dynamic Range



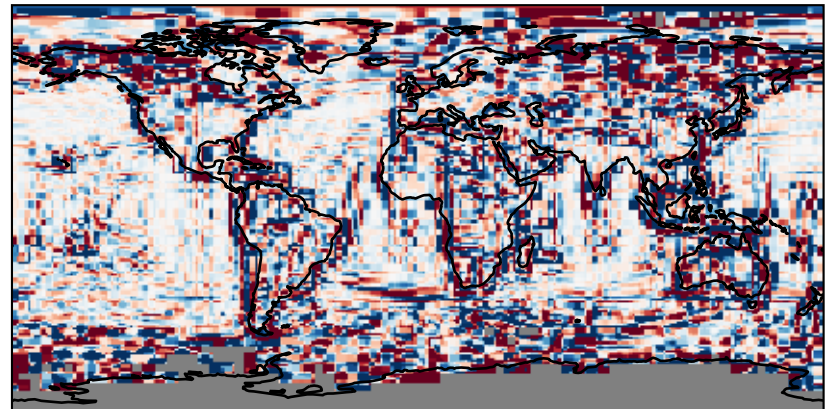
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

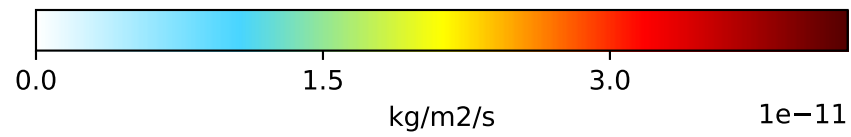
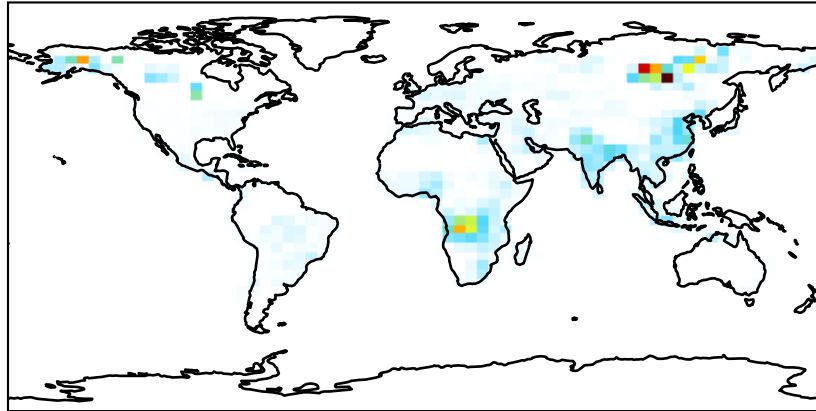


Ratio (1x1.25)  
Dev/Ref, Fixed Range

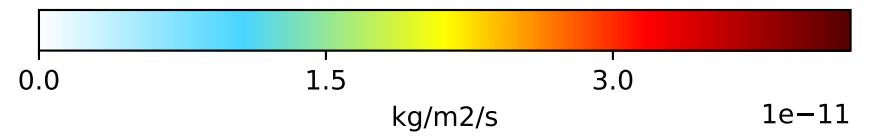
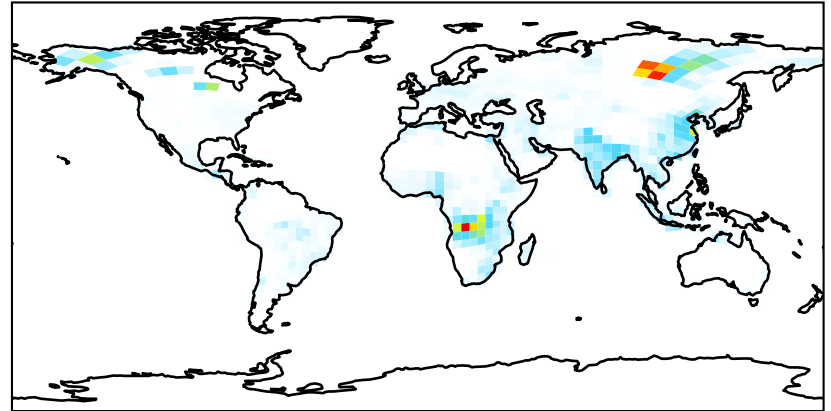


# EmisBCPO\_Total

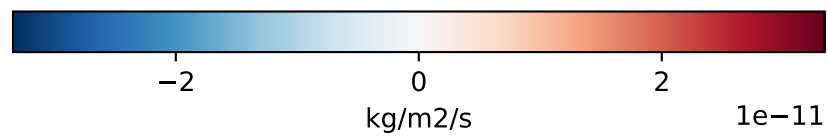
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



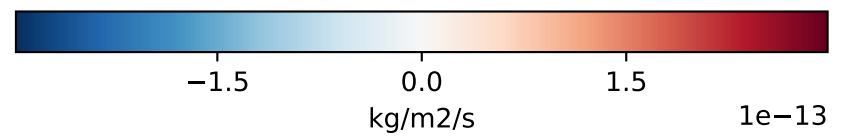
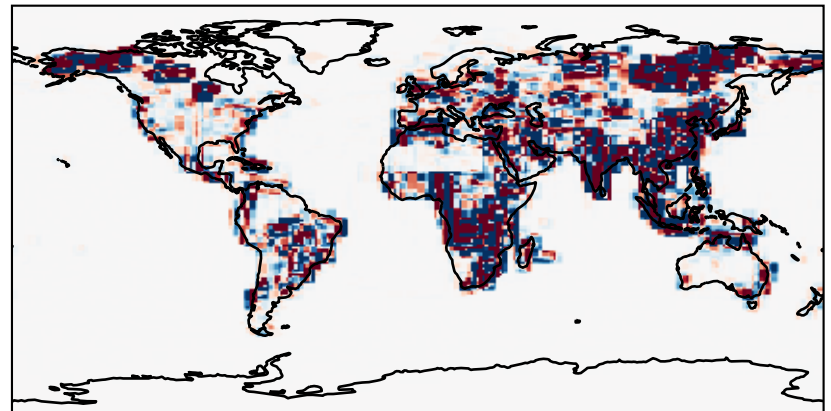
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



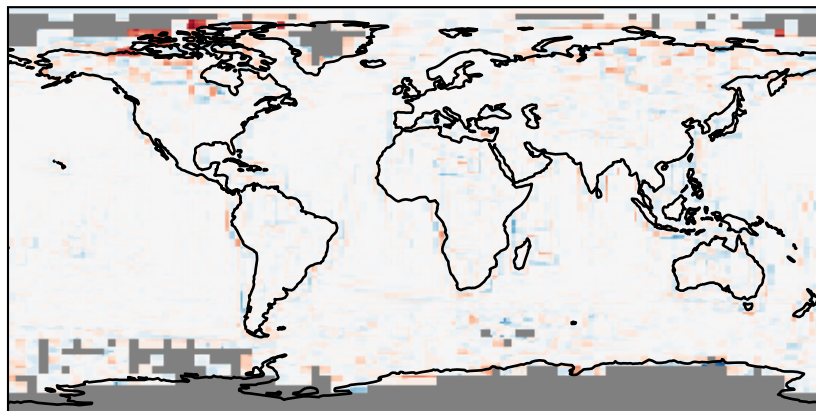
Difference (1x1.25)  
Dev - Ref, Dynamic Range



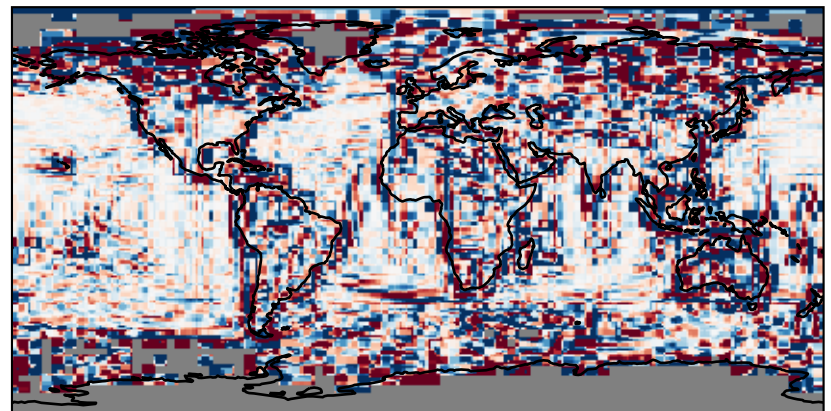
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

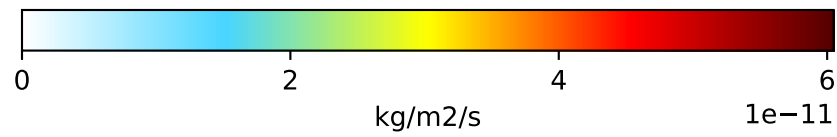
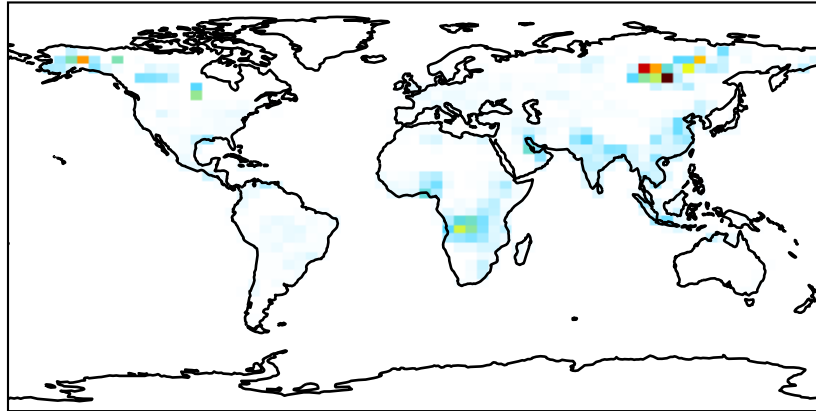


Ratio (1x1.25)  
Dev/Ref, Fixed Range

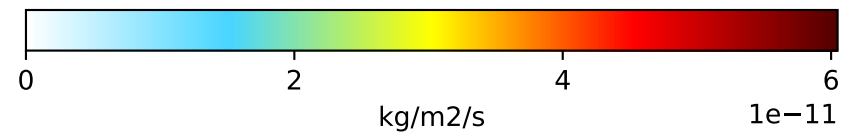
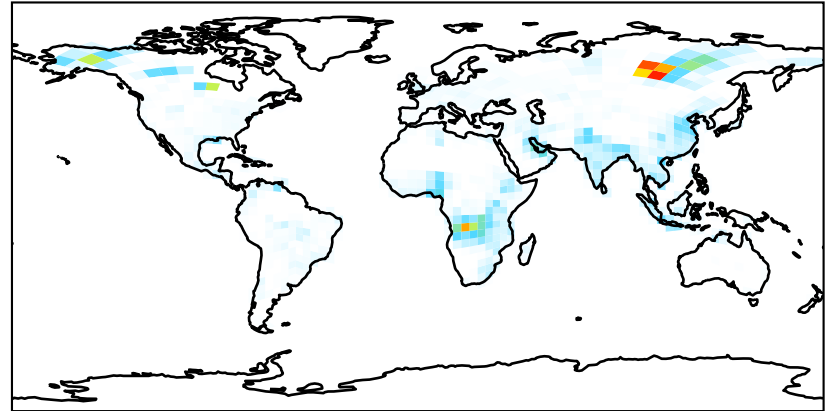


# EmisBENZ\_Total

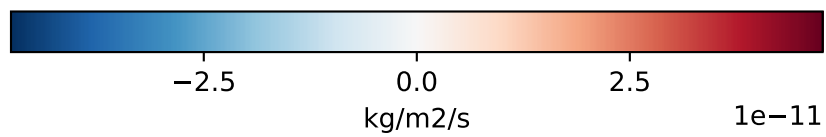
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



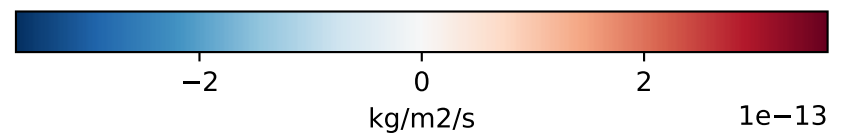
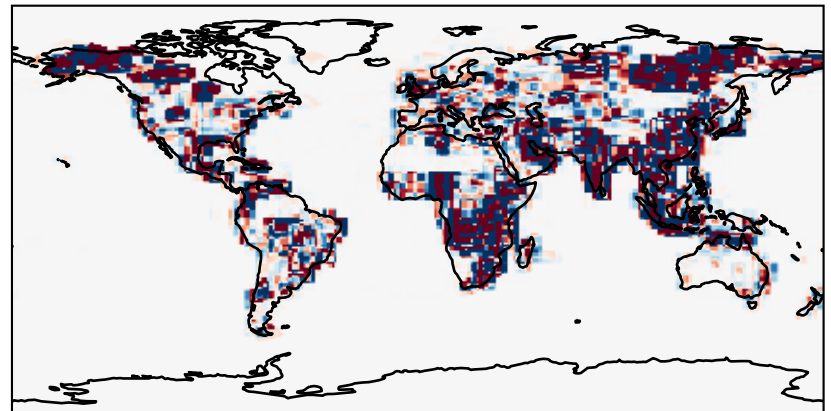
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



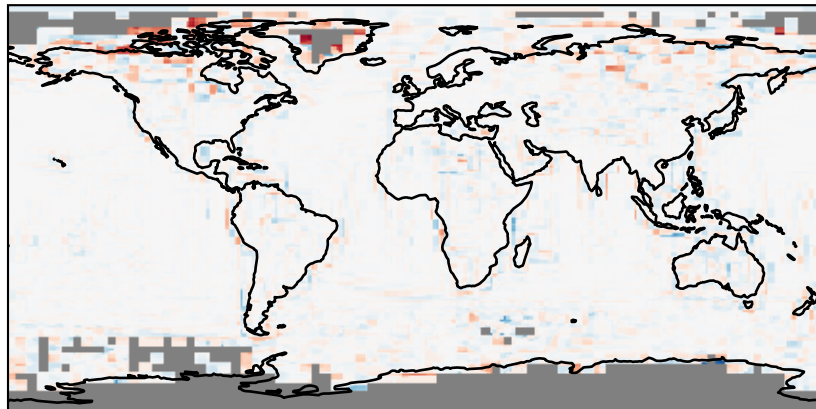
Difference (1x1.25)  
Dev - Ref, Dynamic Range



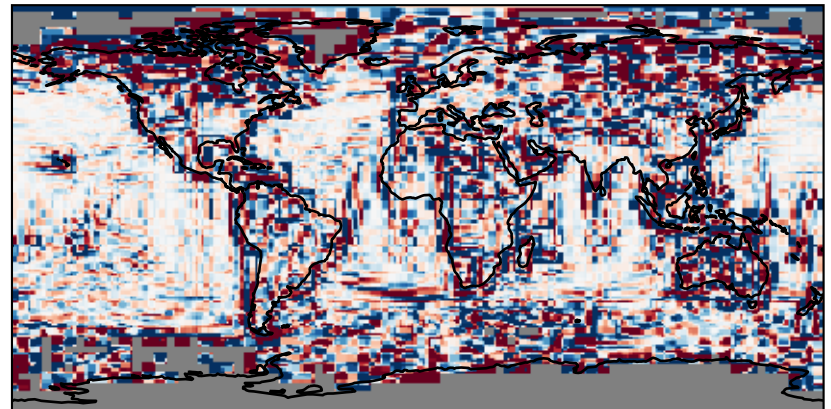
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

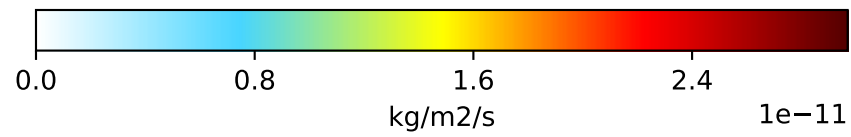
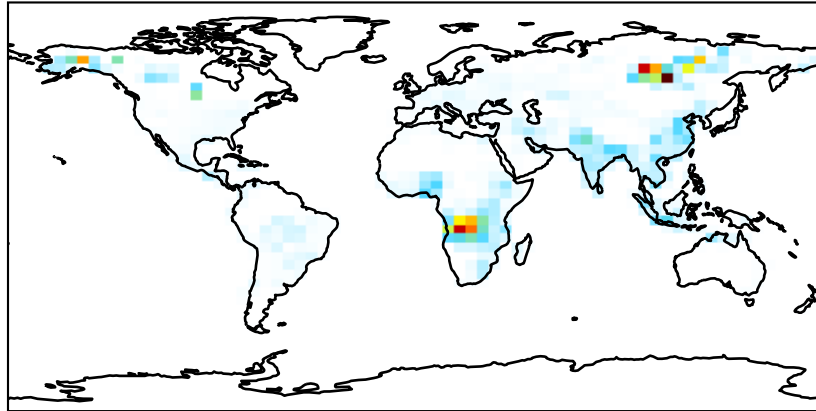


Ratio (1x1.25)  
Dev/Ref, Fixed Range

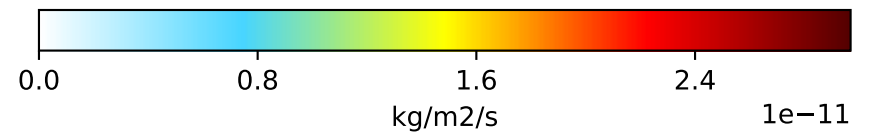
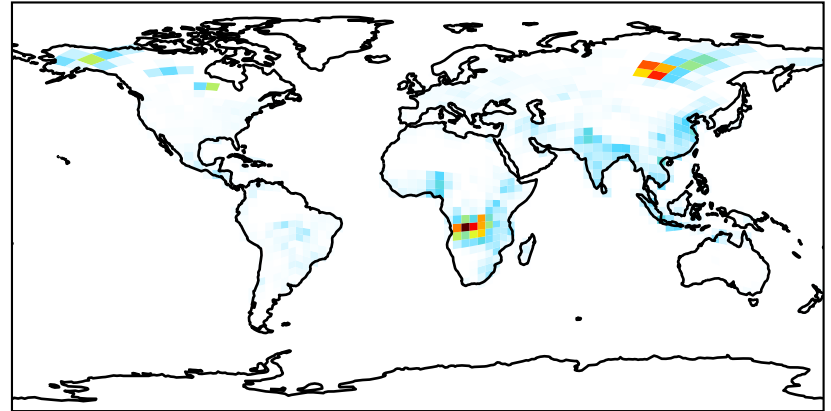


# EmisC2H2\_Total

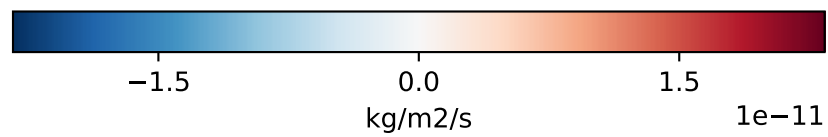
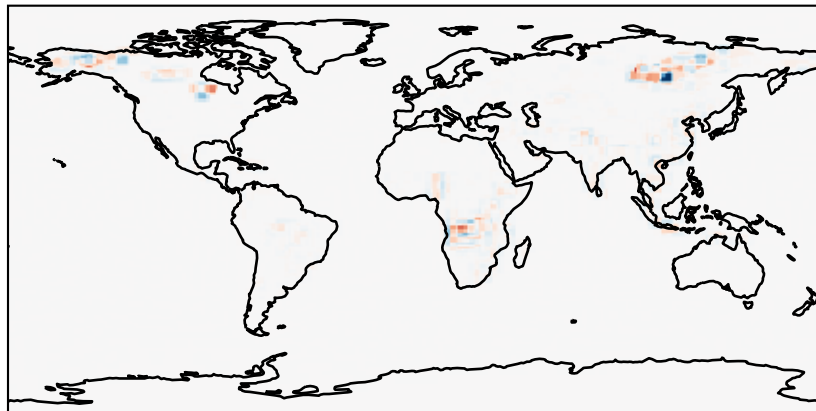
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



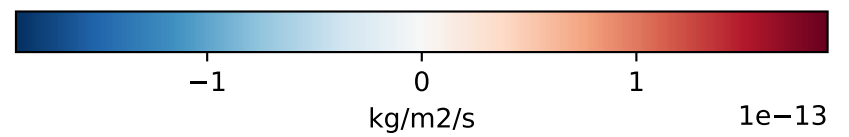
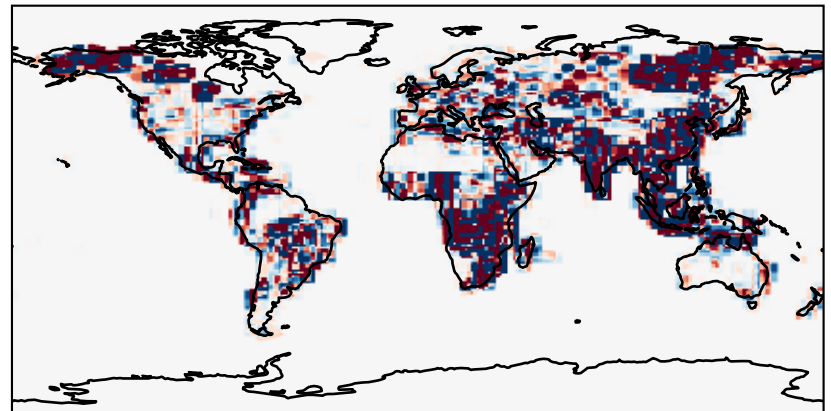
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



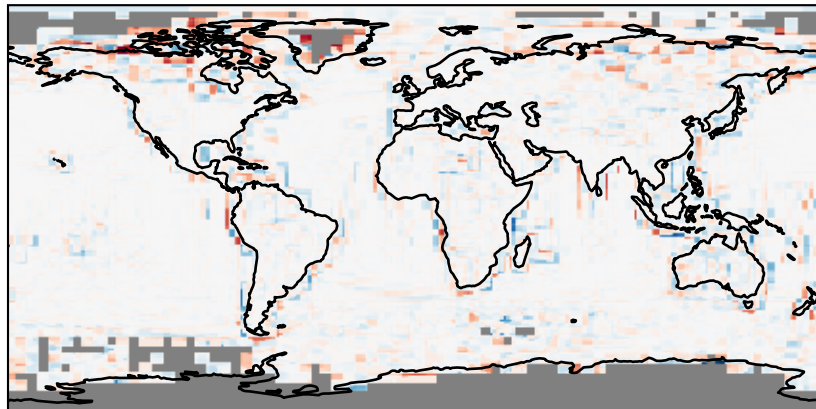
Difference (1x1.25)  
Dev - Ref, Dynamic Range



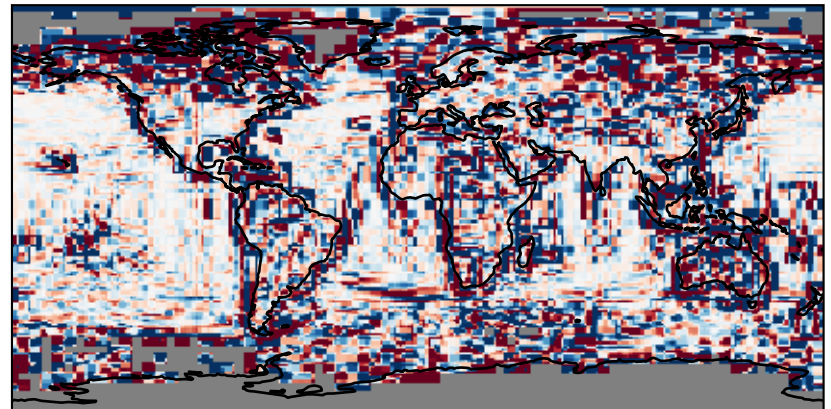
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range



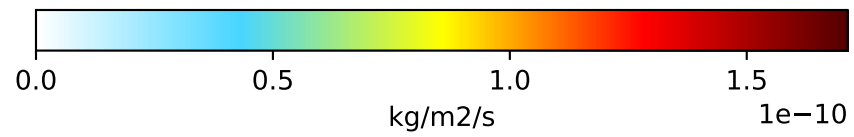
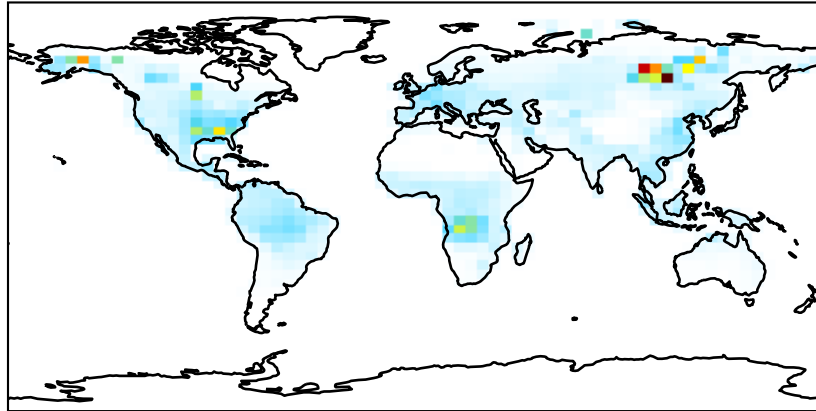
Ratio (1x1.25)  
Dev/Ref, Fixed Range



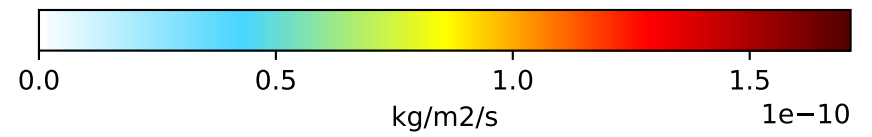
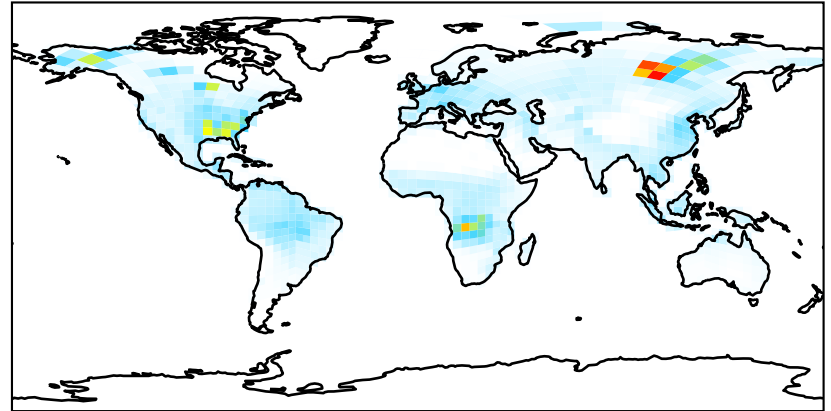


# EmisC2H4\_Total

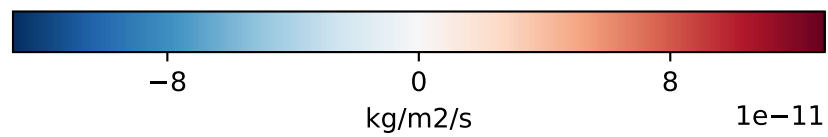
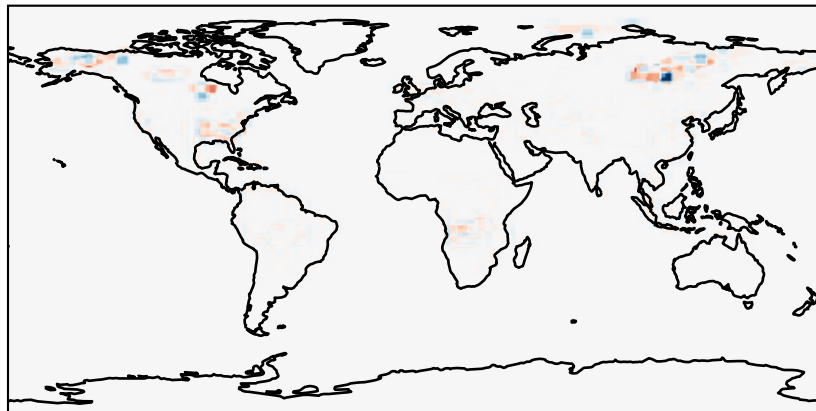
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



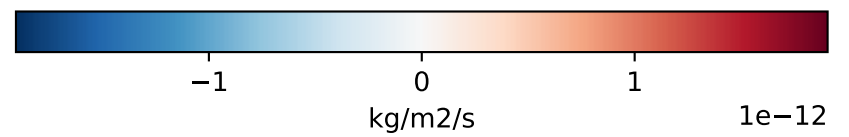
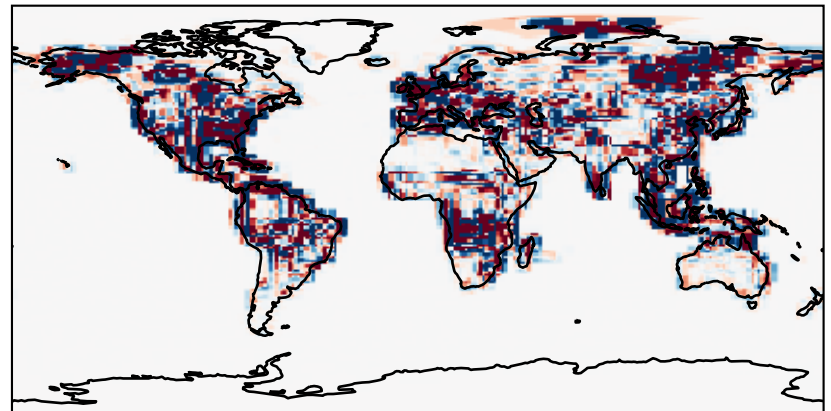
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



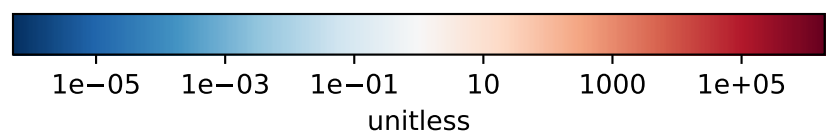
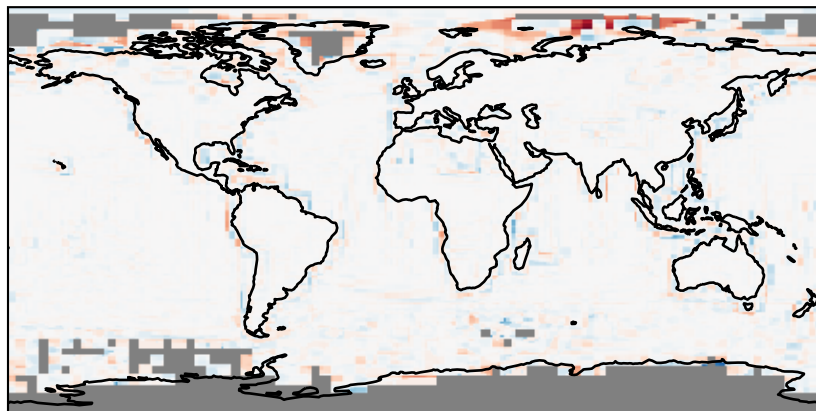
Difference (1x1.25)  
Dev - Ref, Dynamic Range



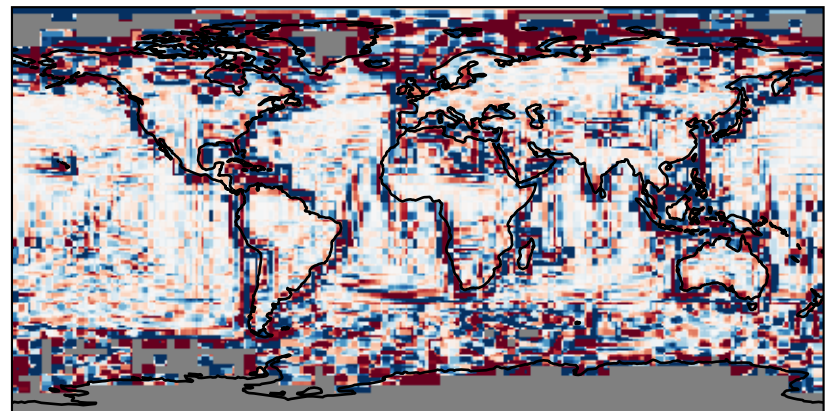
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

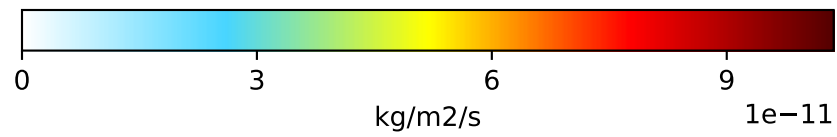
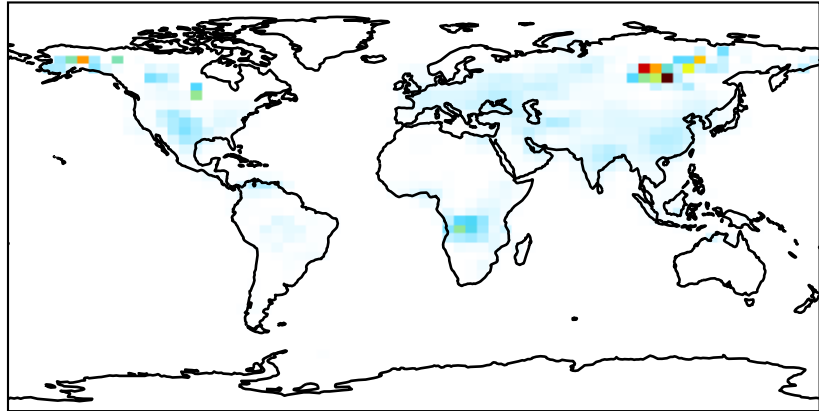


Ratio (1x1.25)  
Dev/Ref, Fixed Range

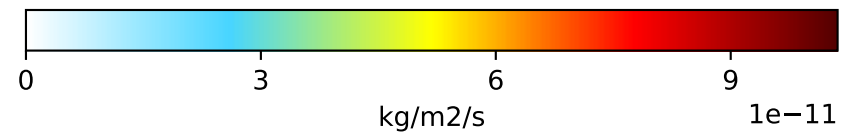
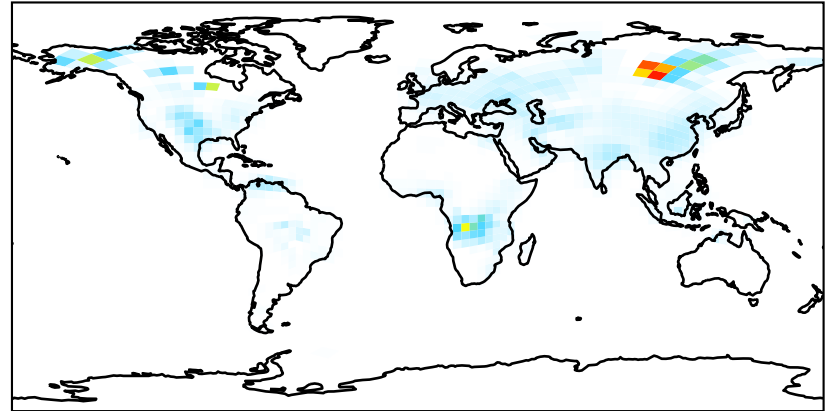


# EmisC2H6\_Total

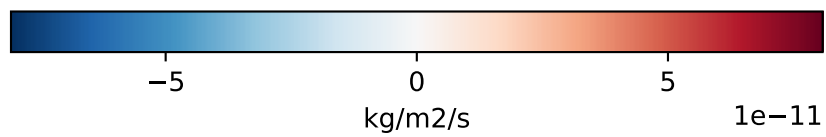
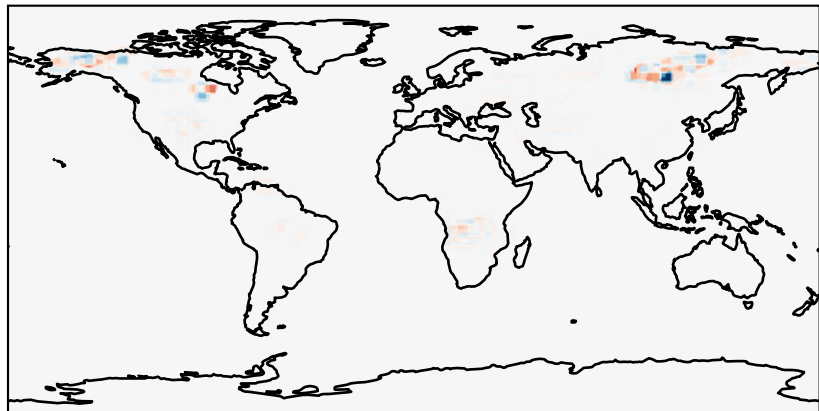
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



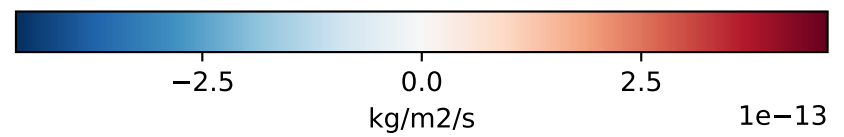
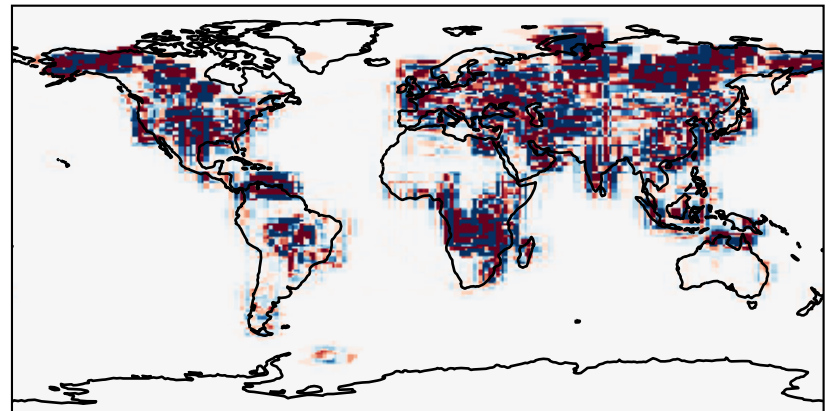
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



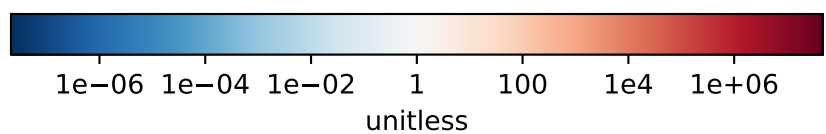
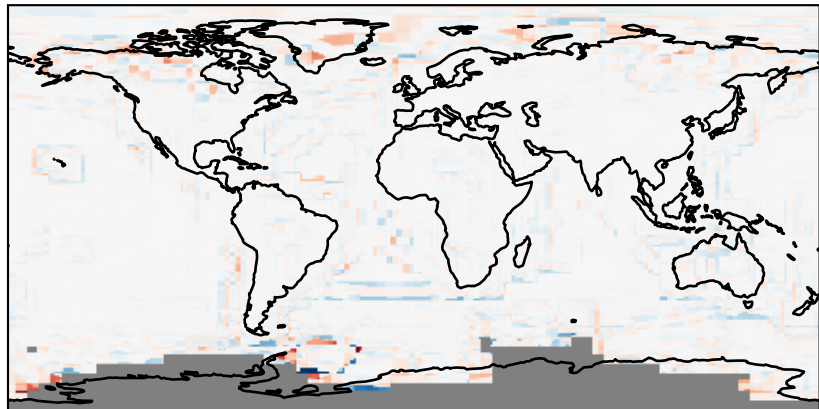
Difference (1x1.25)  
Dev - Ref, Dynamic Range



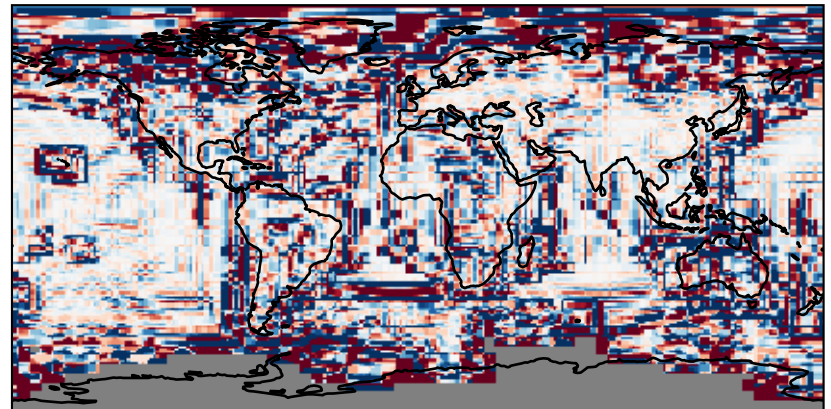
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

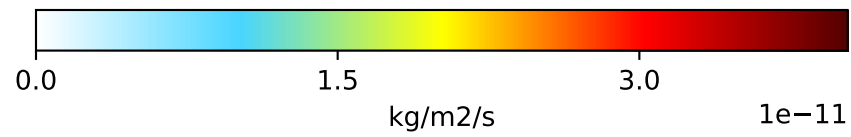
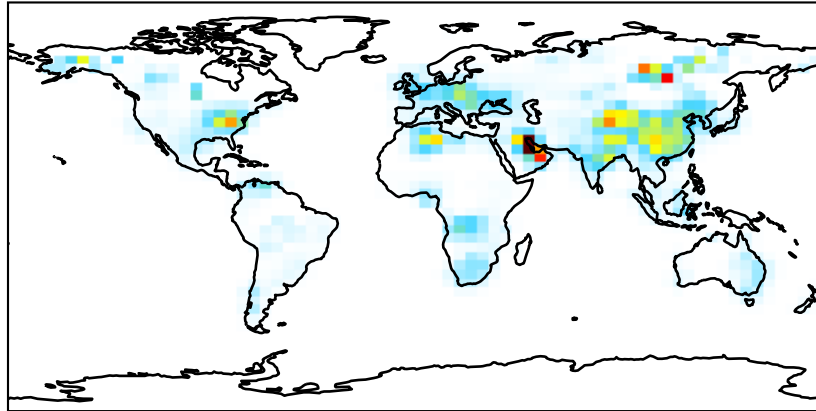


Ratio (1x1.25)  
Dev/Ref, Fixed Range

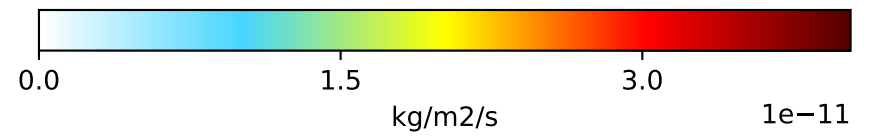
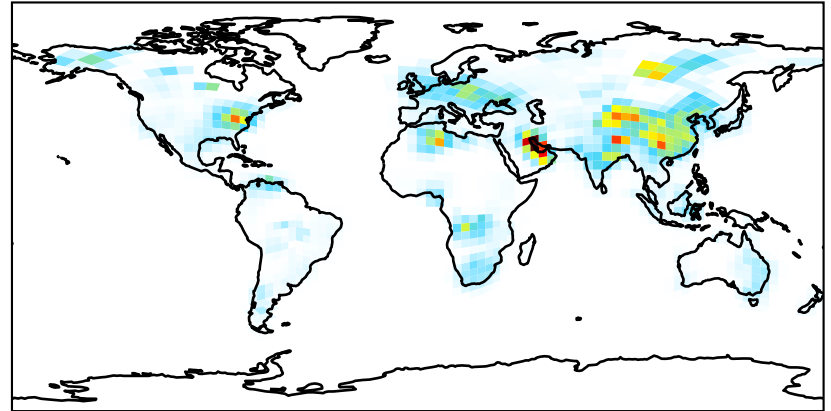


# EmisC3H8\_Total

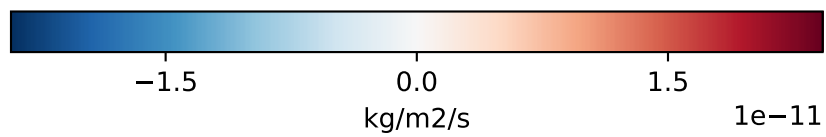
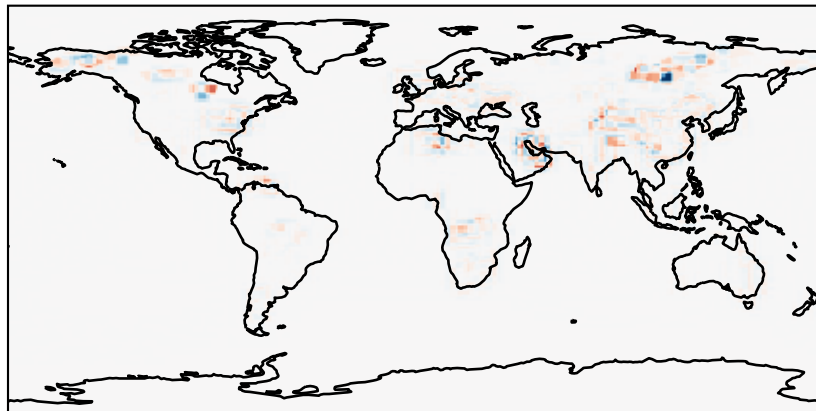
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



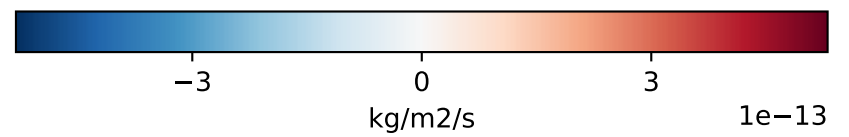
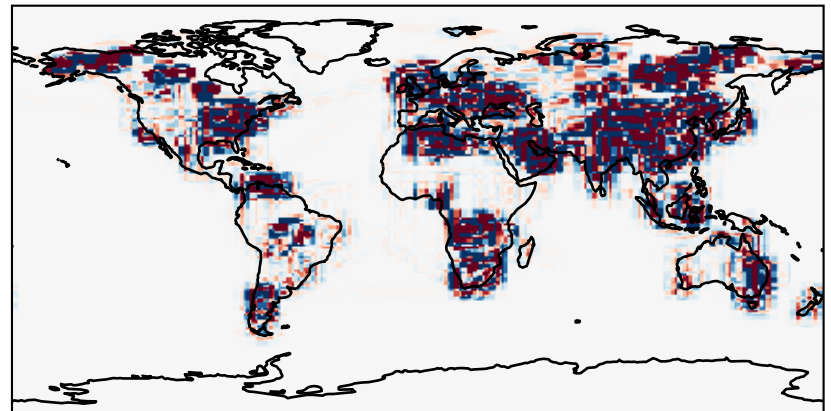
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



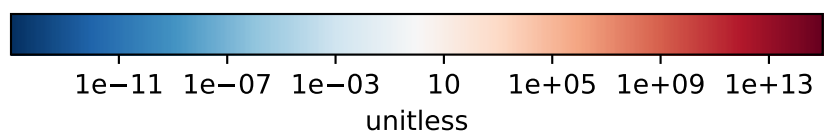
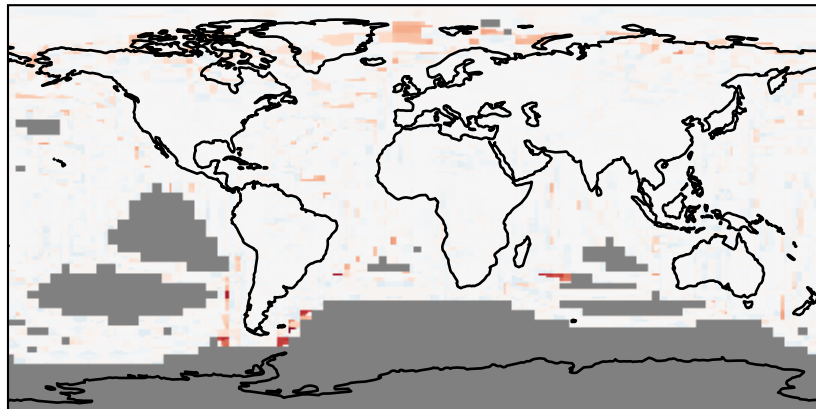
Difference (1x1.25)  
Dev - Ref, Dynamic Range



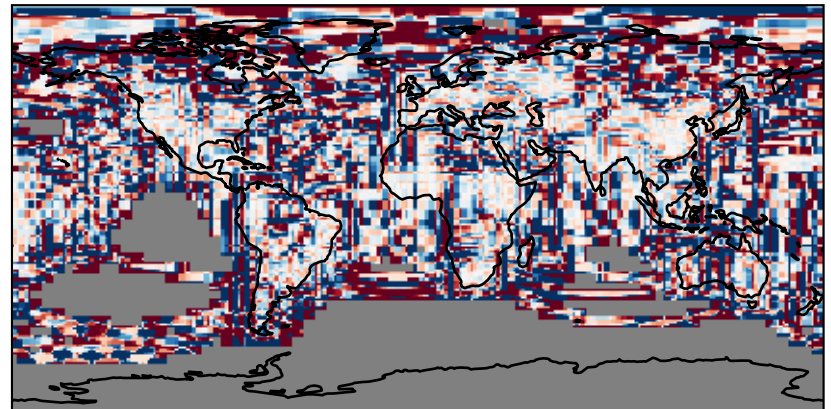
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

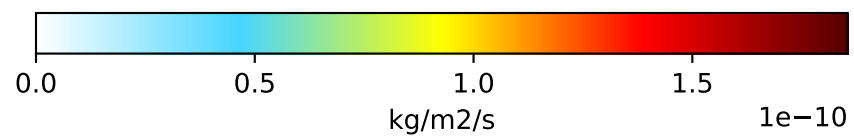
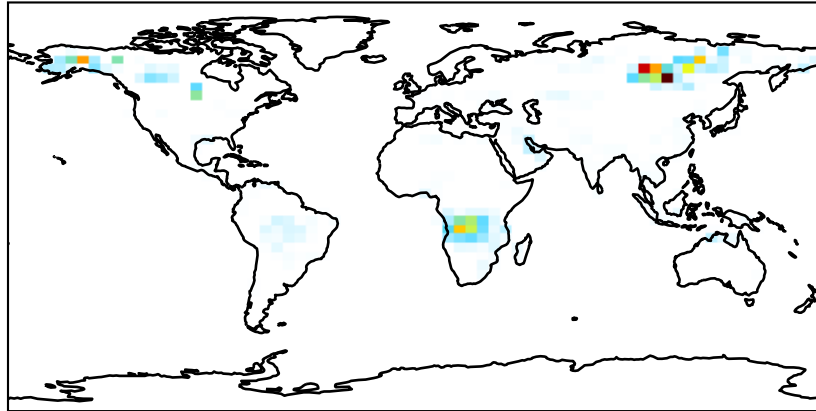


Ratio (1x1.25)  
Dev/Ref, Fixed Range

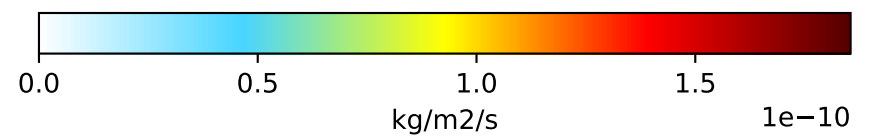
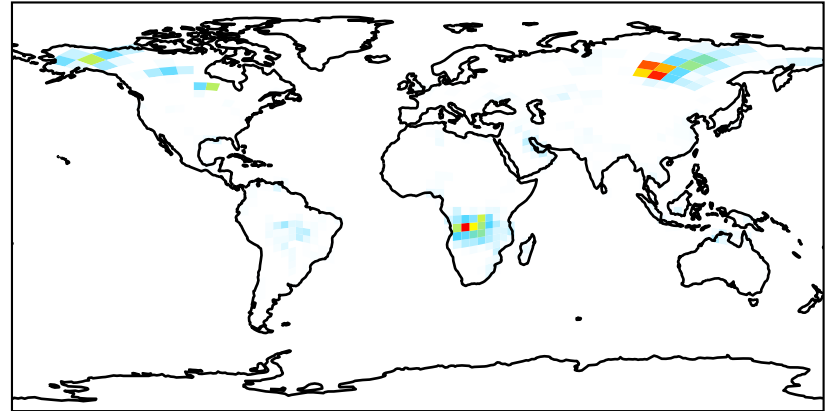


# EmisCH2O\_Total

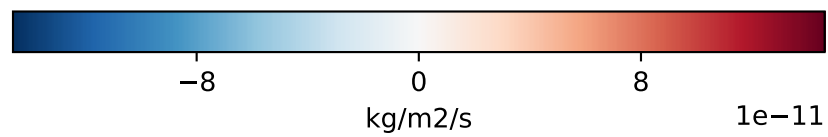
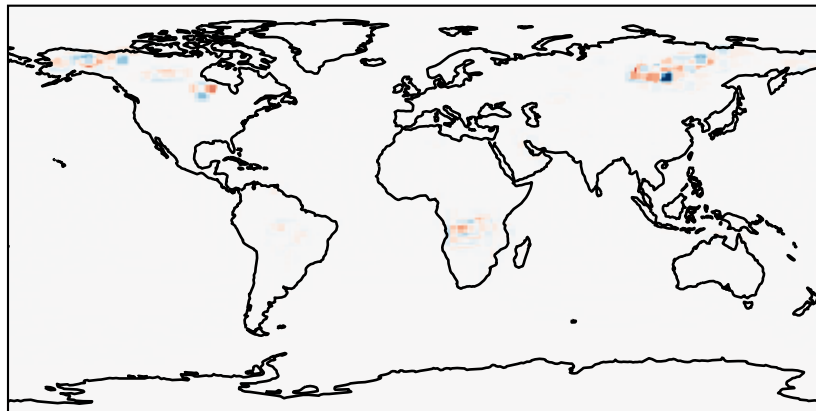
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



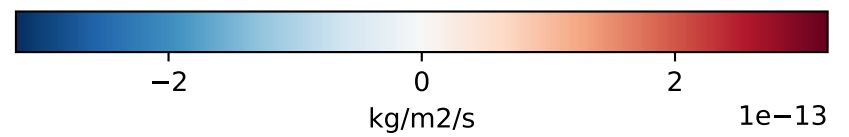
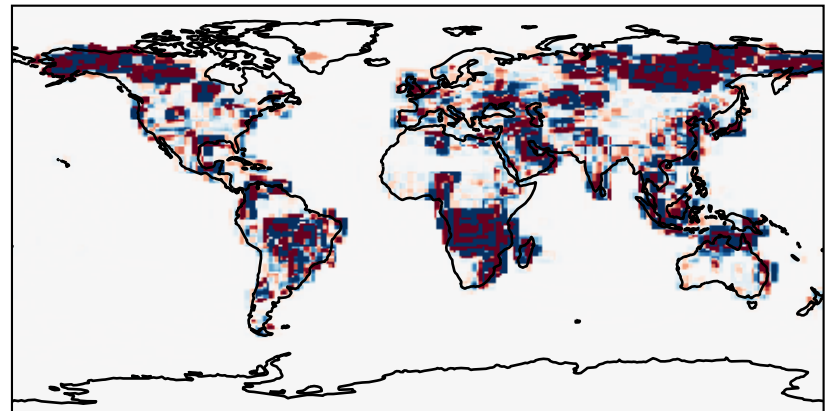
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



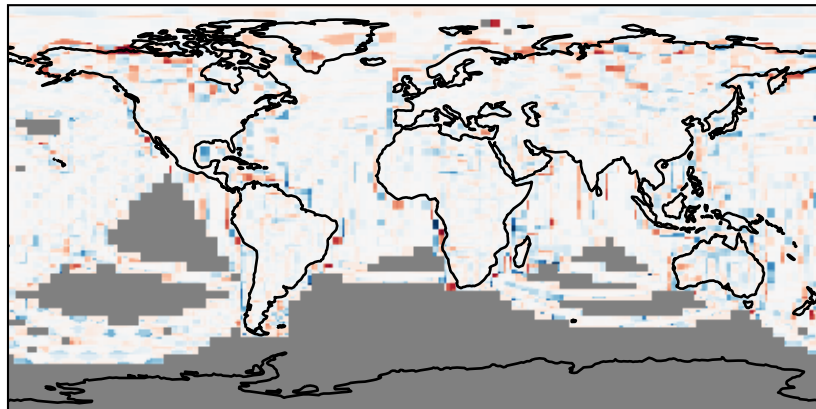
Difference (1x1.25)  
Dev - Ref, Dynamic Range



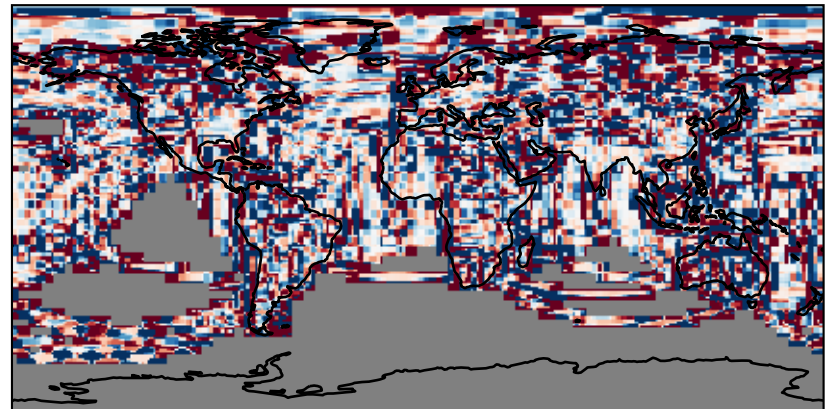
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

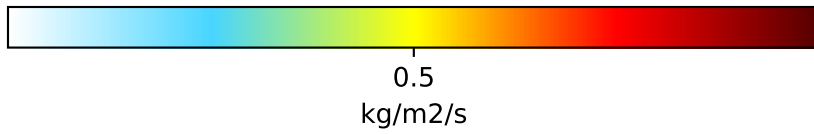


Ratio (1x1.25)  
Dev/Ref, Fixed Range

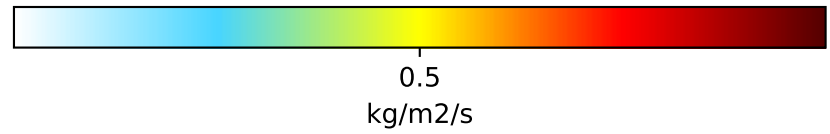


# EmisCO2\_Total

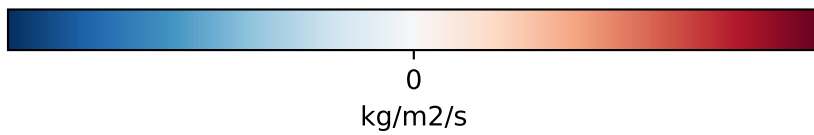
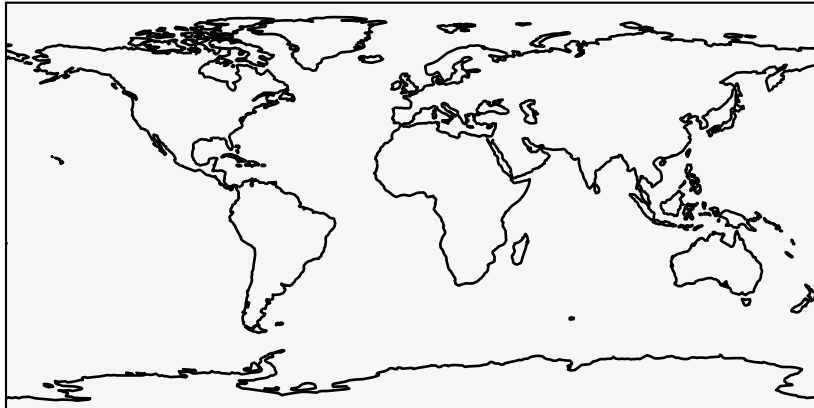
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



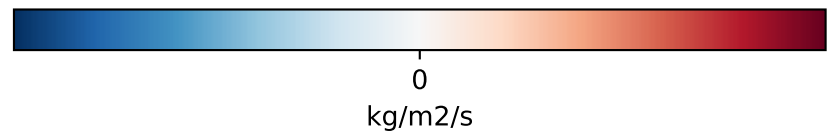
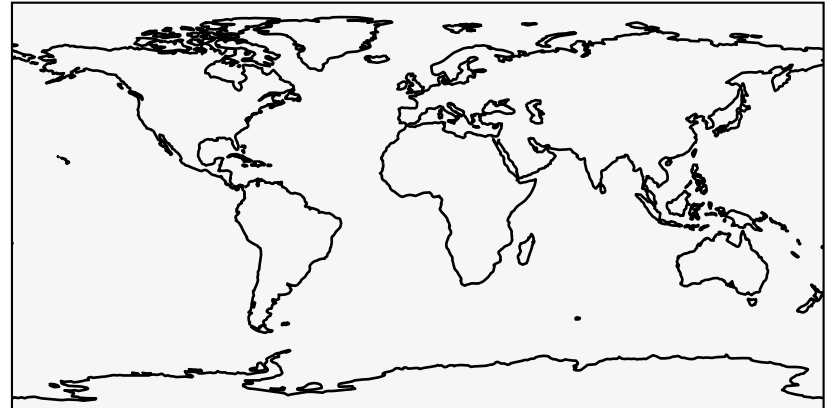
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



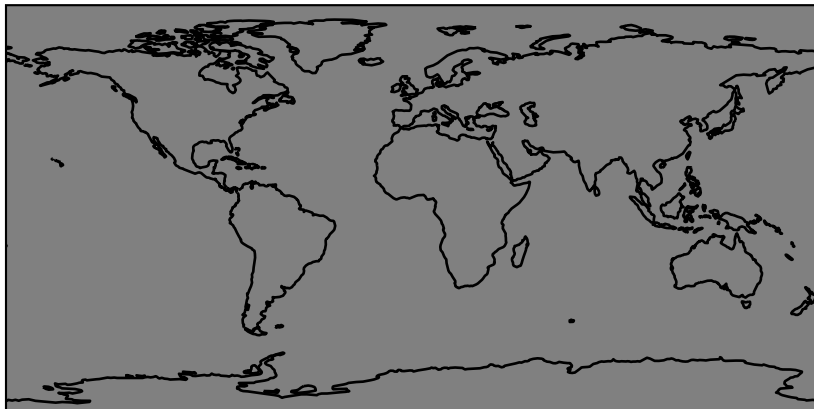
Difference (1x1.25)  
Dev - Ref, Dynamic Range



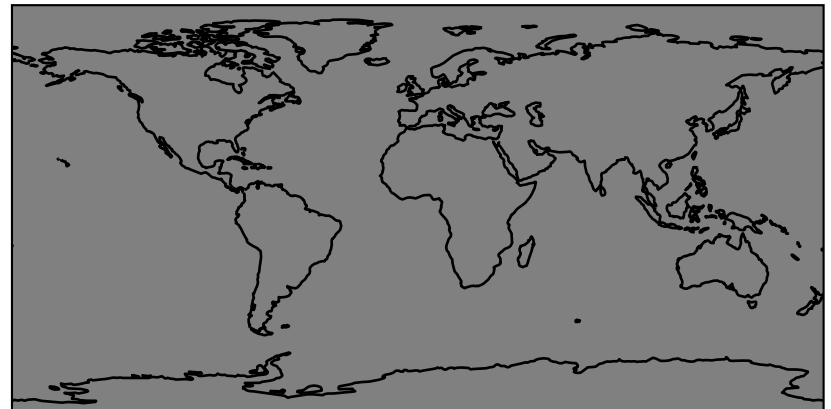
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

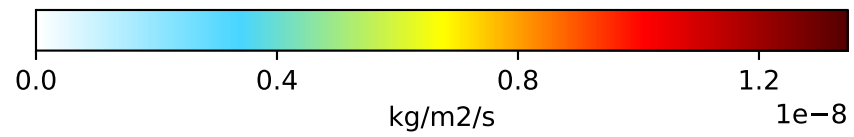
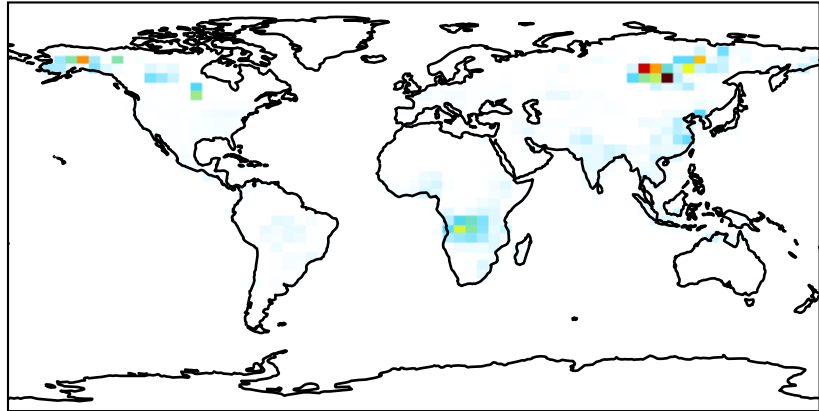


Ratio (1x1.25)  
Dev/Ref, Fixed Range

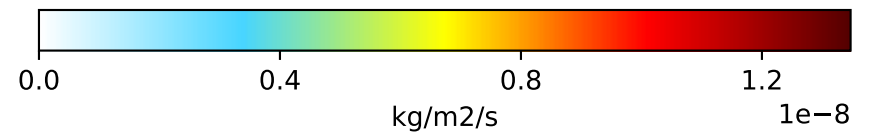
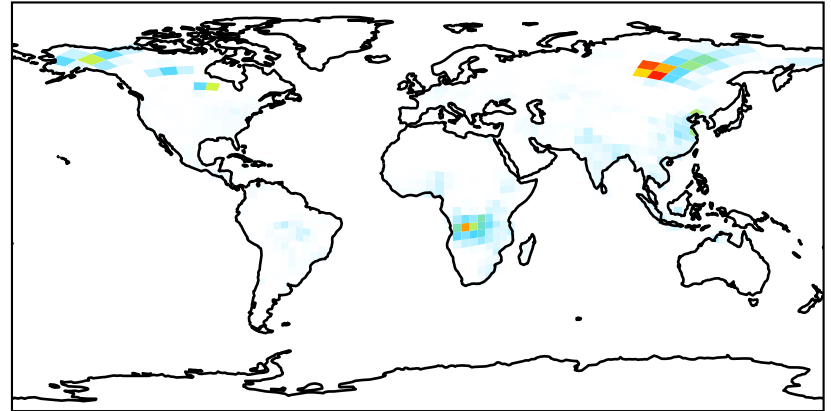


# EmisCO\_Total

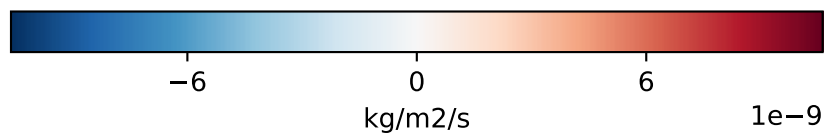
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



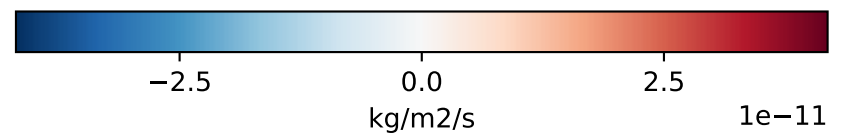
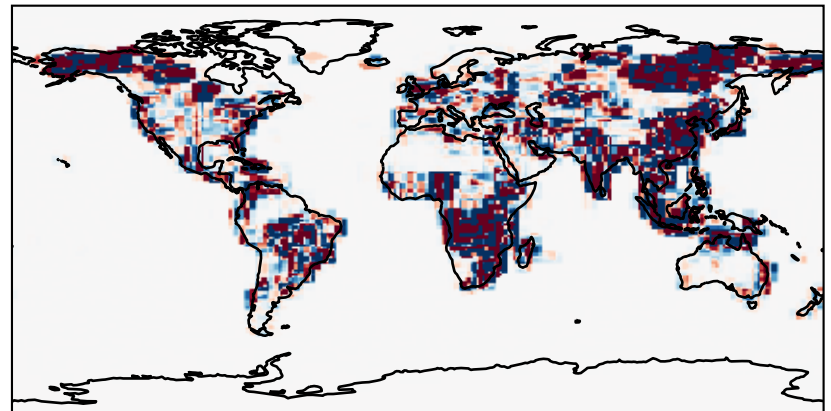
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



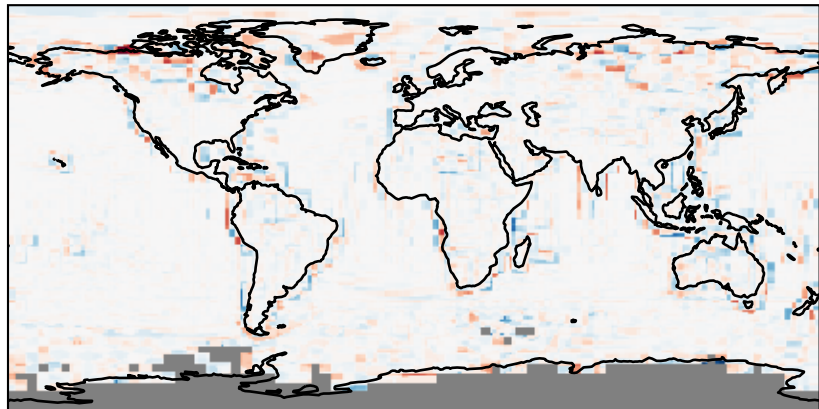
Difference (1x1.25)  
Dev - Ref, Dynamic Range



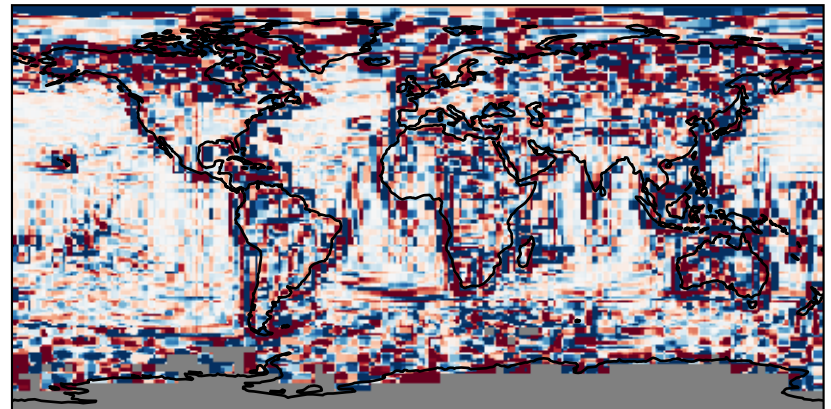
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

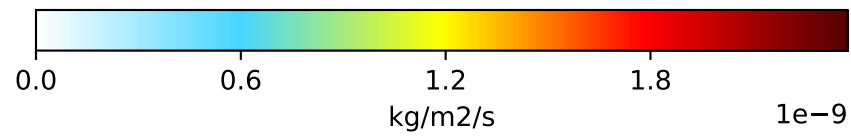
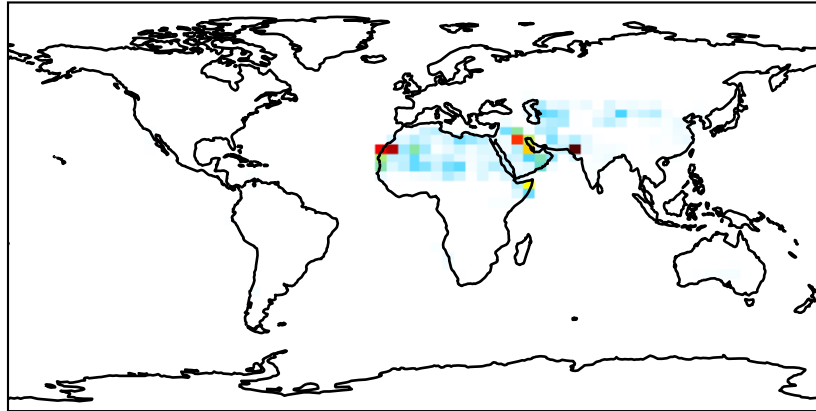


Ratio (1x1.25)  
Dev/Ref, Fixed Range

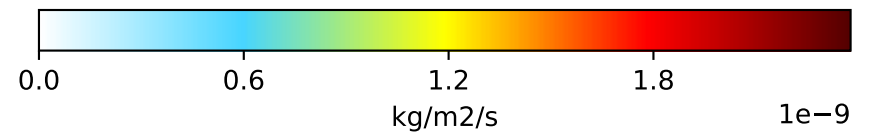
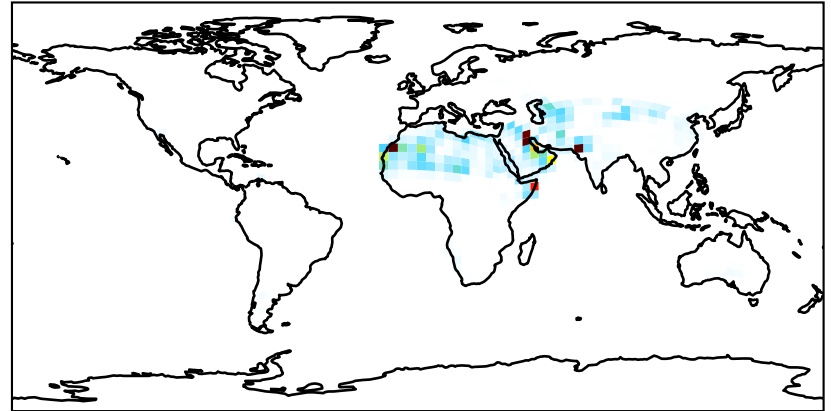


# EmisDST1\_Total

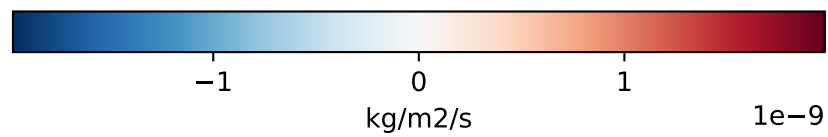
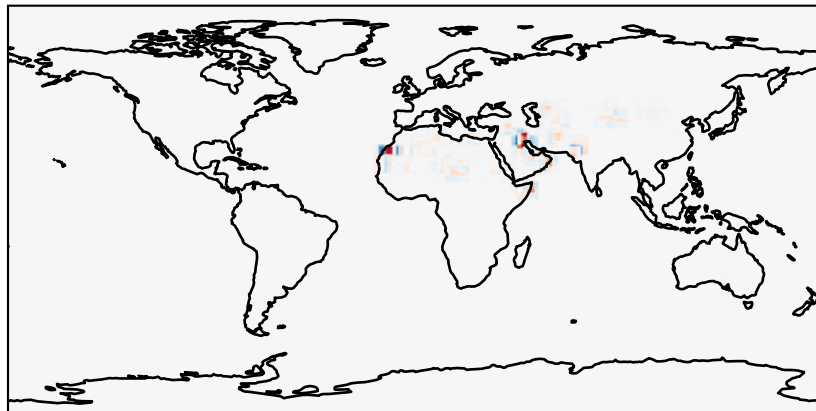
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



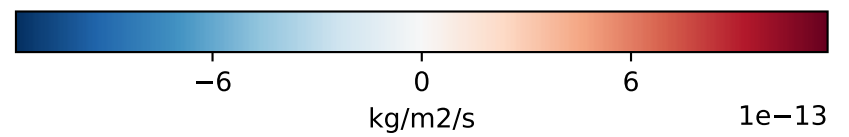
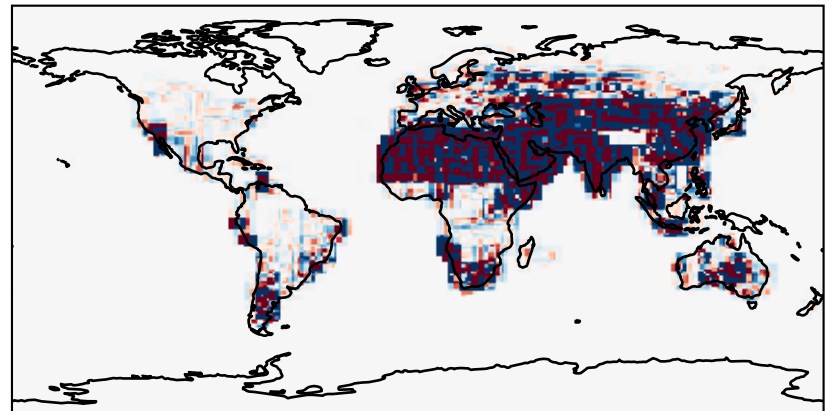
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



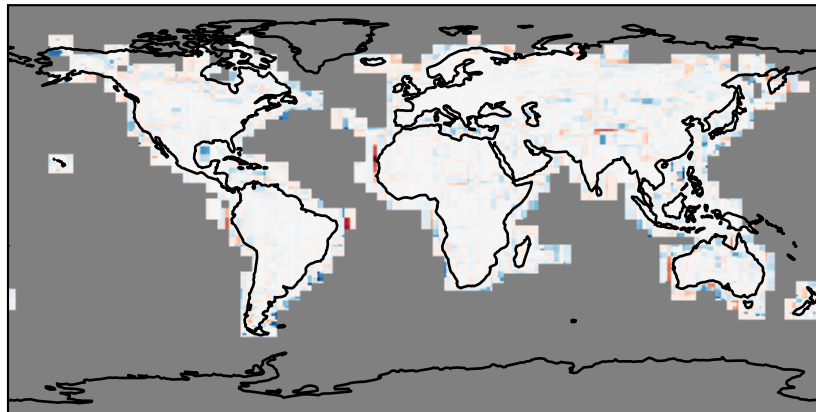
Difference (1x1.25)  
Dev - Ref, Dynamic Range



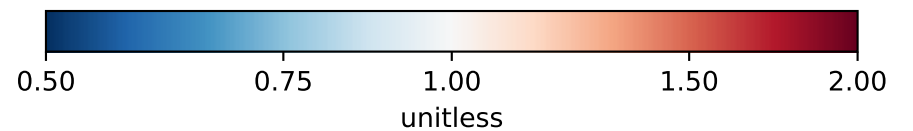
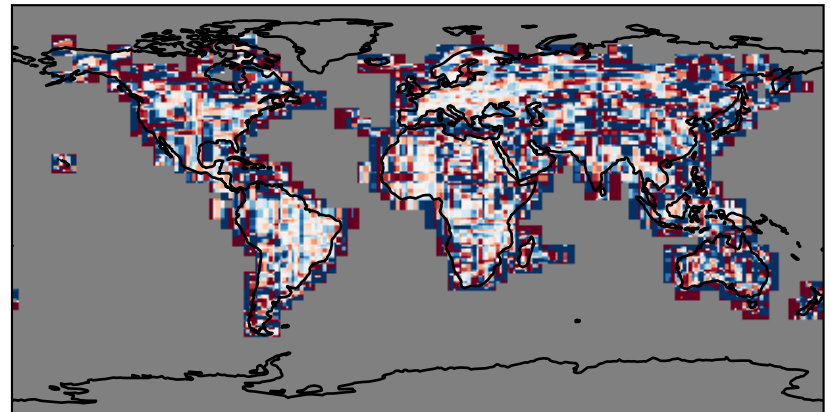
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

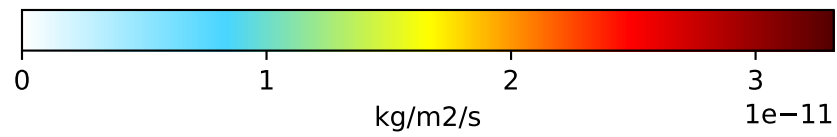
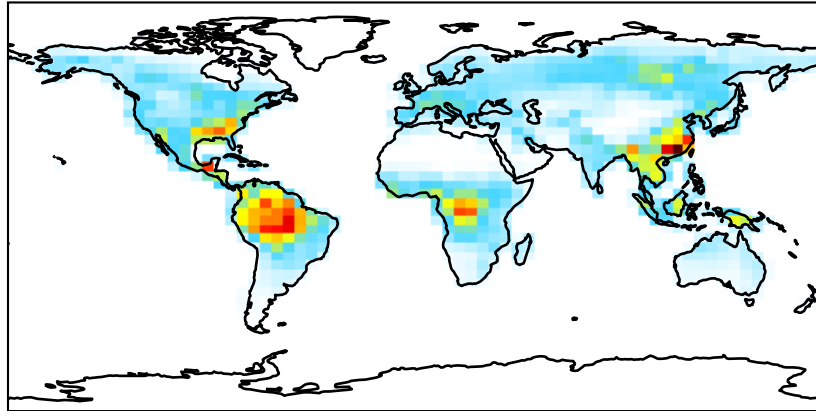


Ratio (1x1.25)  
Dev/Ref, Fixed Range

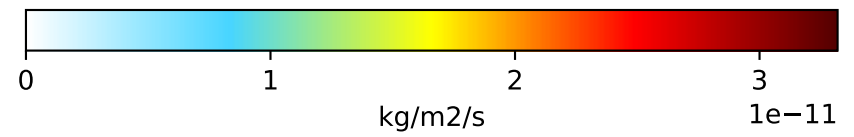
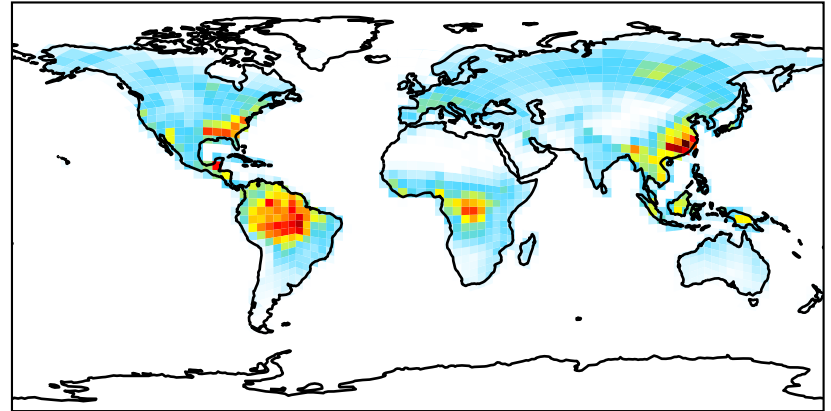


# EmisEOH\_Total

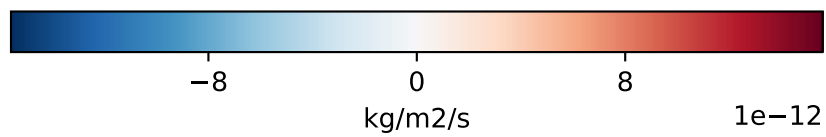
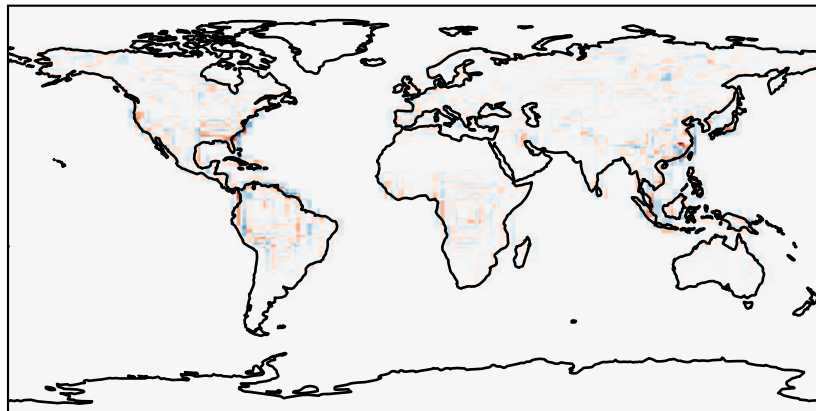
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



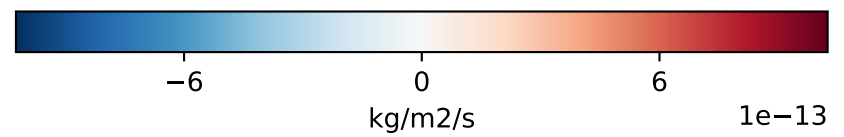
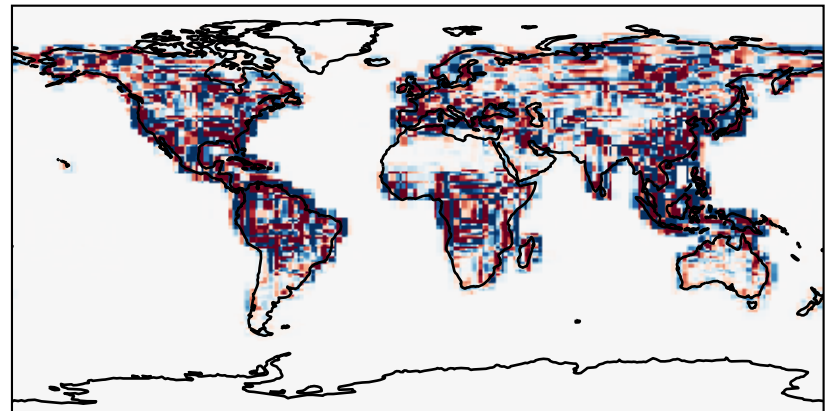
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



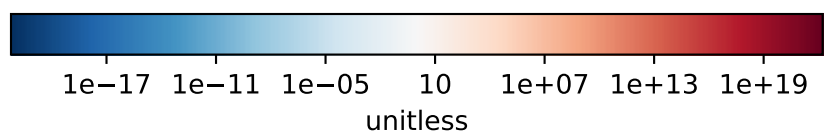
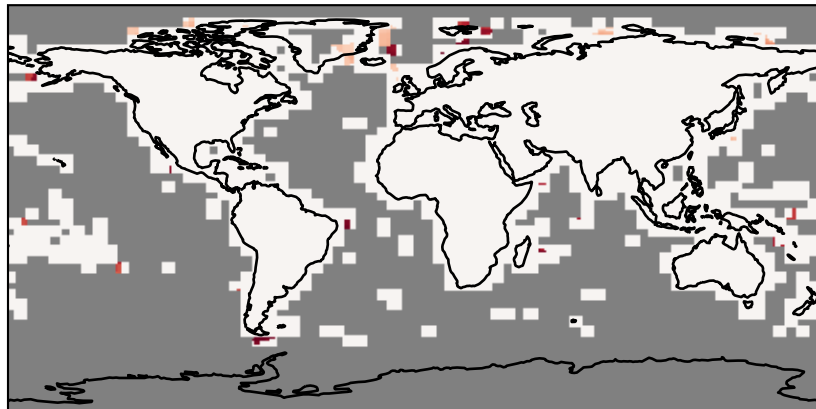
Difference (1x1.25)  
Dev - Ref, Dynamic Range



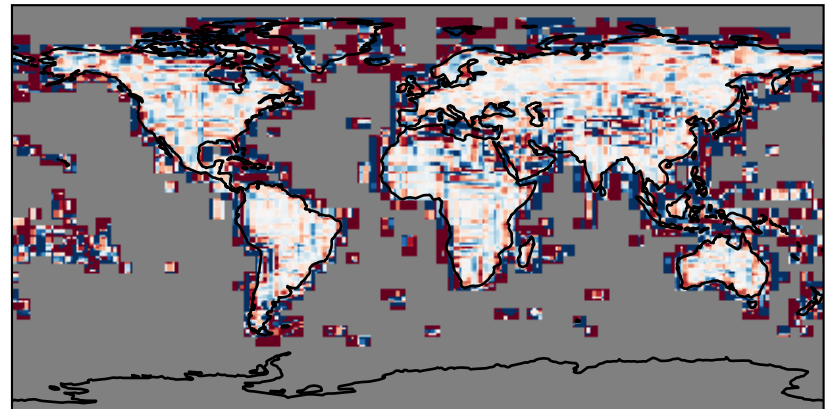
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range



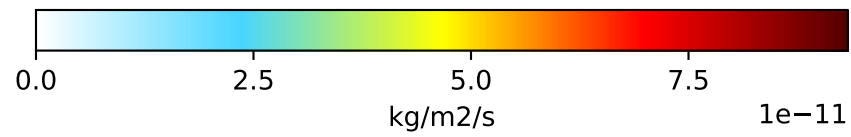
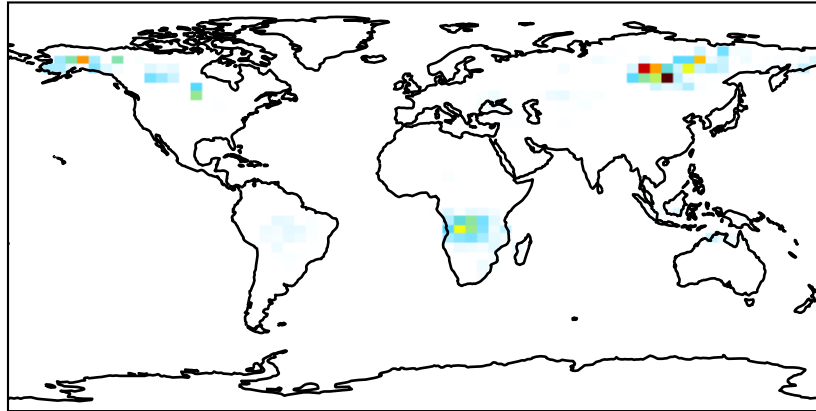
Ratio (1x1.25)  
Dev/Ref, Fixed Range



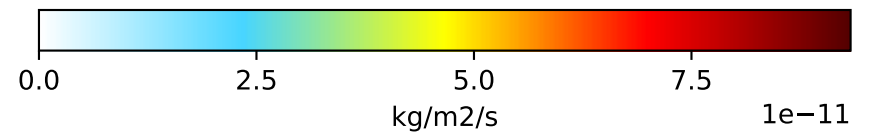
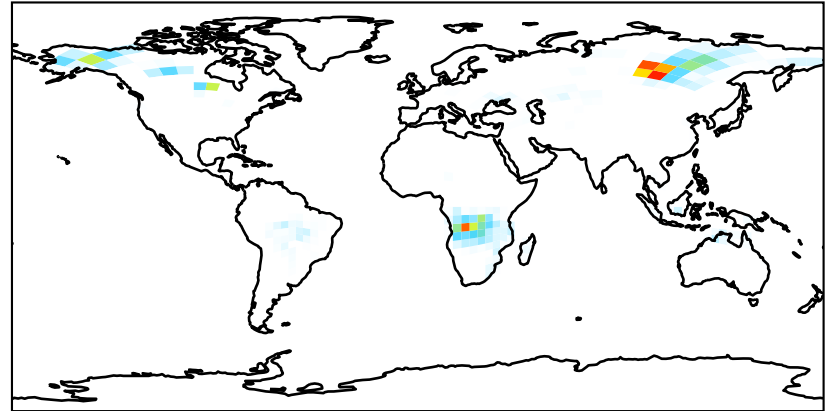


# EmisFURA\_Total

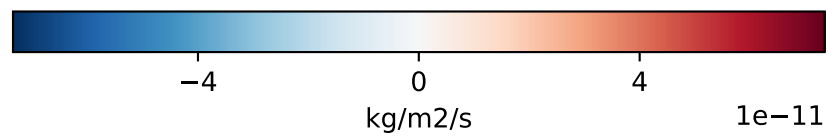
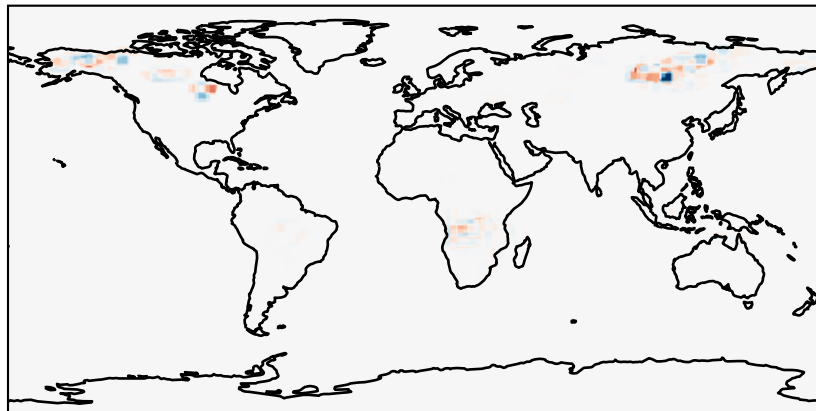
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



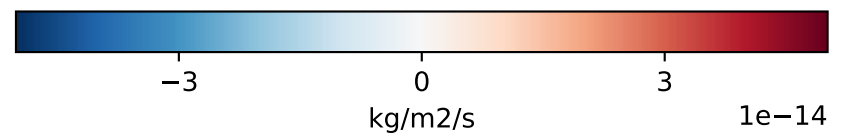
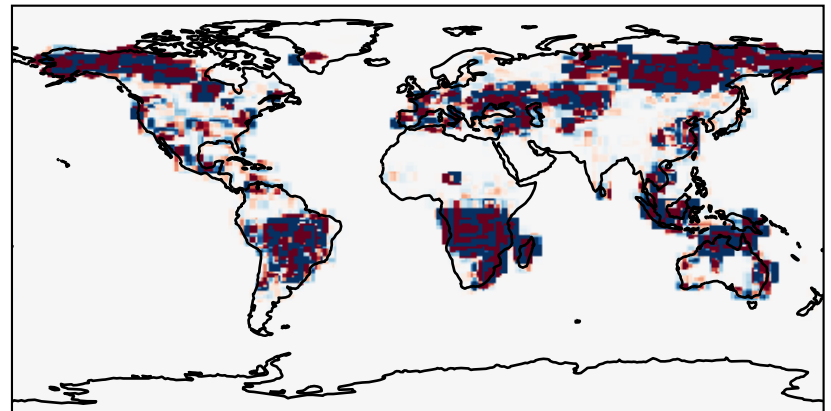
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



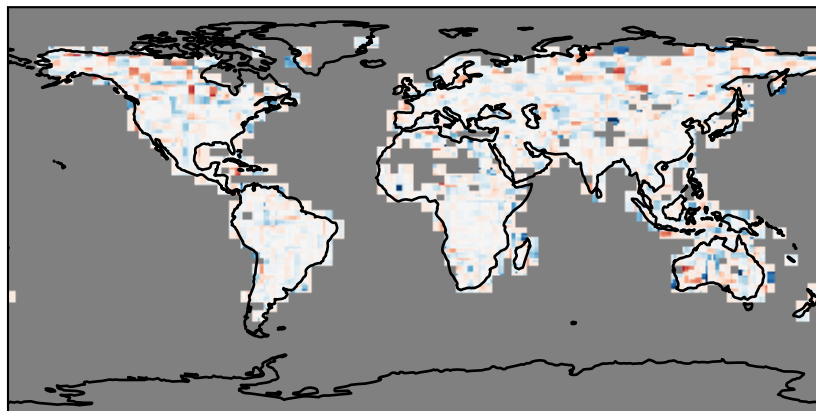
Difference (1x1.25)  
Dev - Ref, Dynamic Range



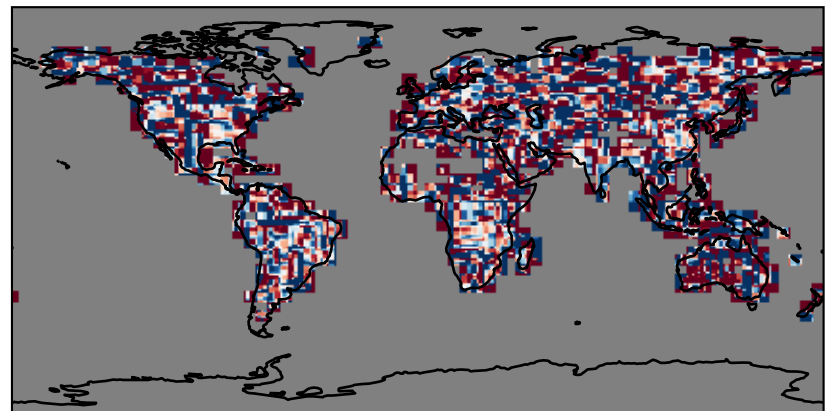
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

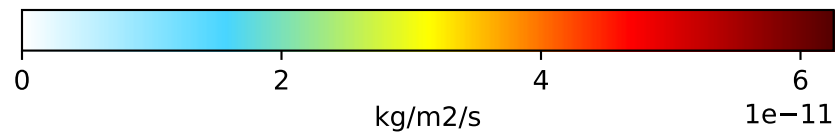
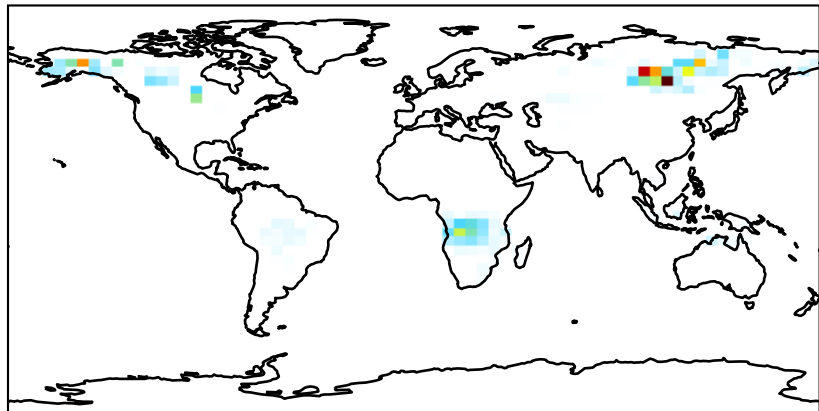


Ratio (1x1.25)  
Dev/Ref, Fixed Range

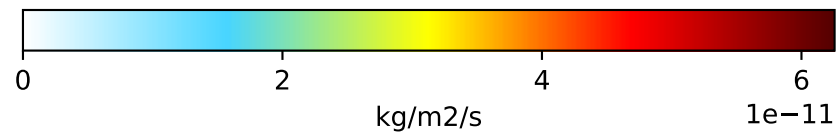
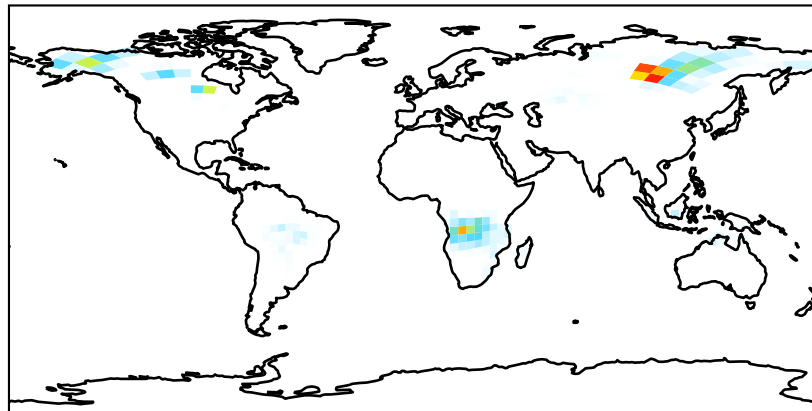


# EmisGLYX\_Total

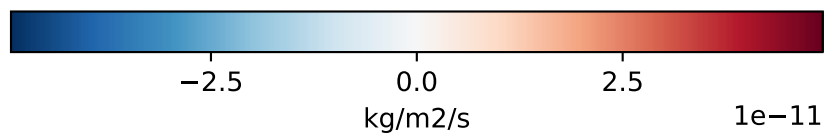
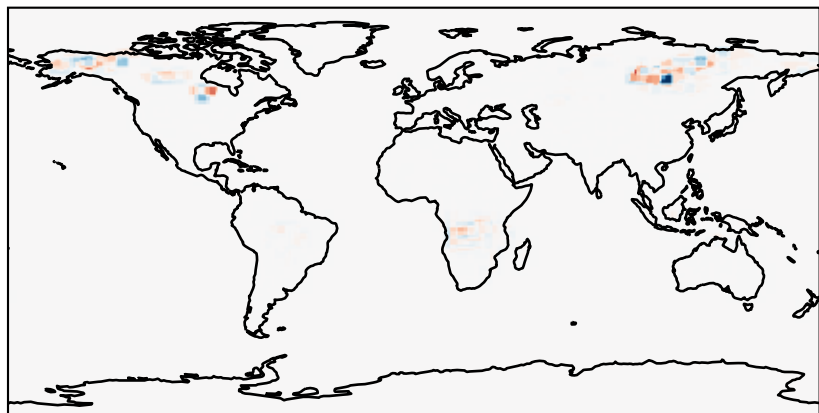
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



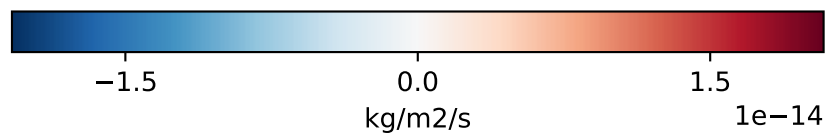
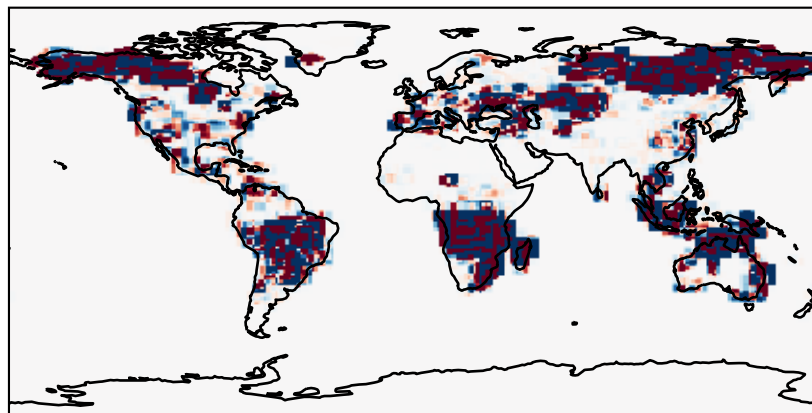
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



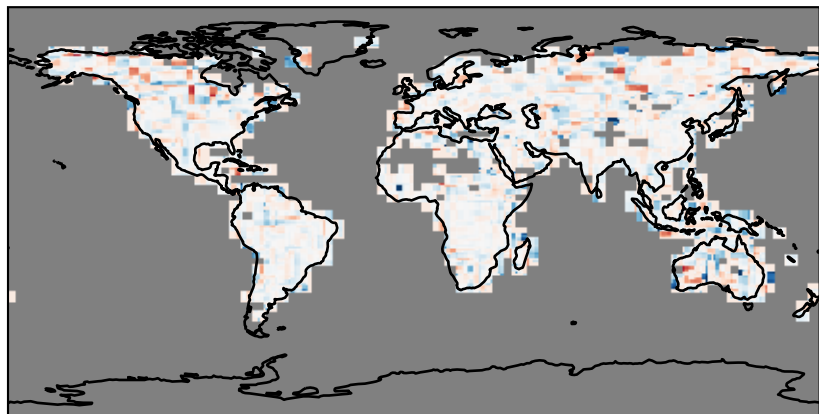
Difference (1x1.25)  
Dev - Ref, Dynamic Range



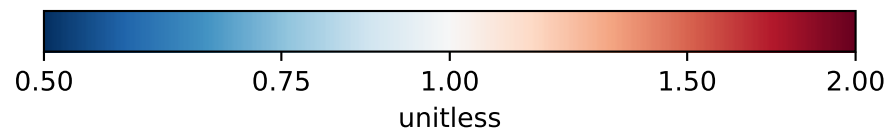
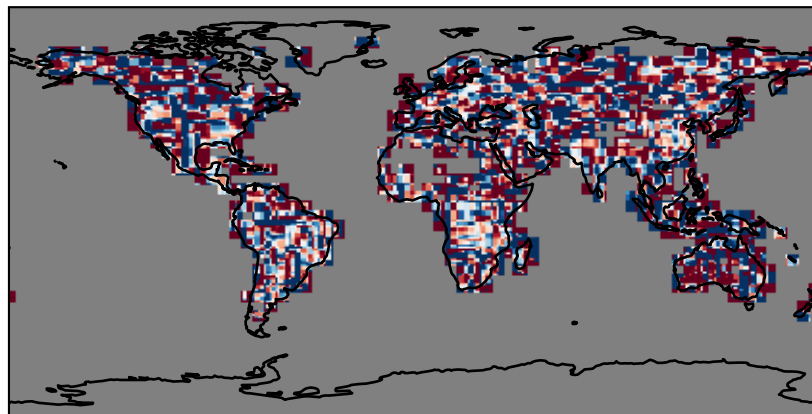
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

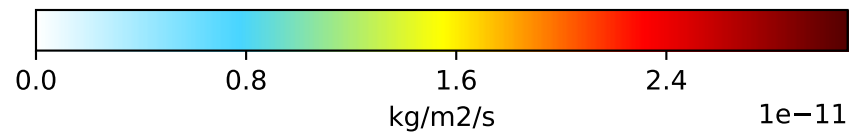
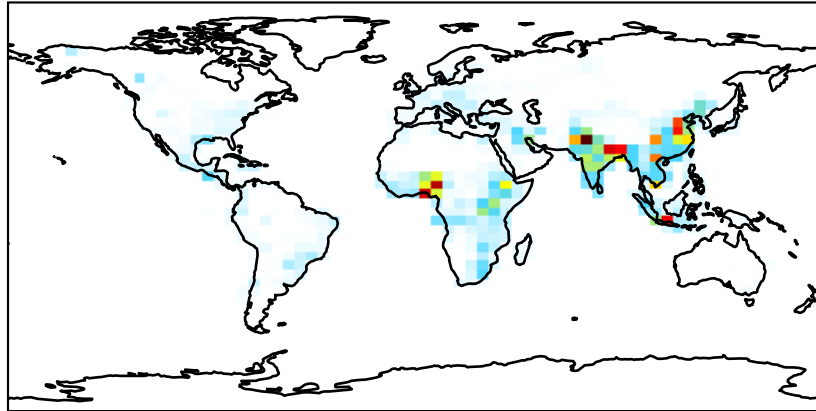


Ratio (1x1.25)  
Dev/Ref, Fixed Range

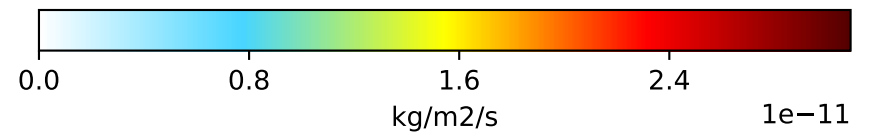
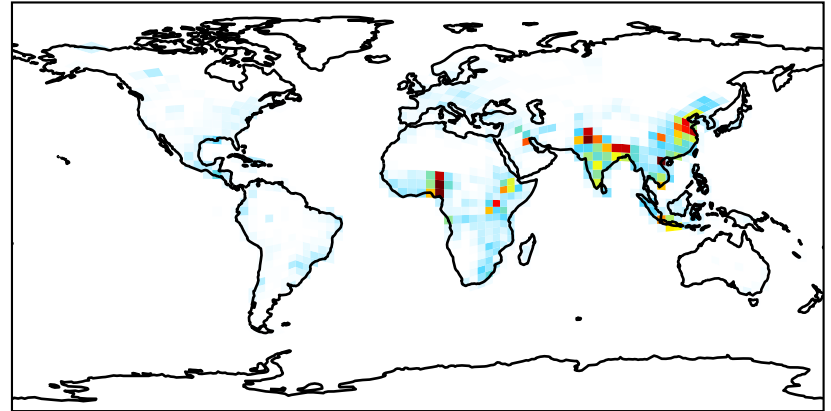


# EmisHCOOH\_Total

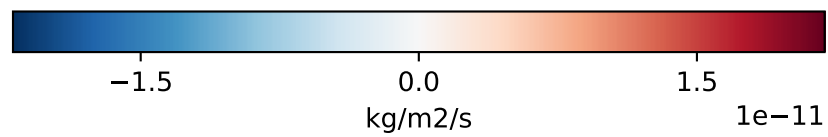
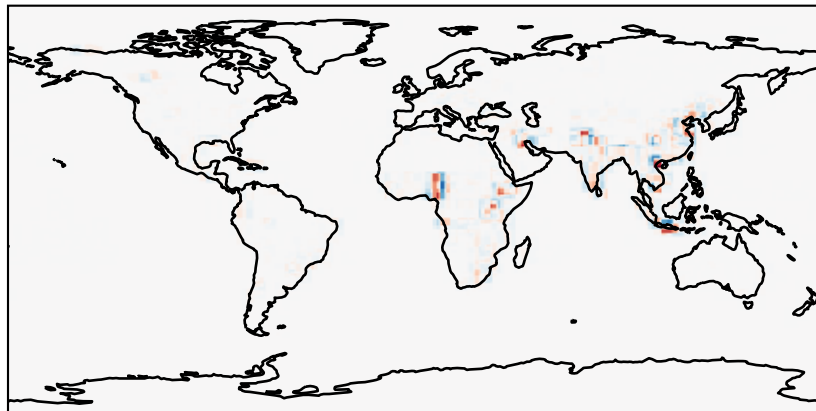
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



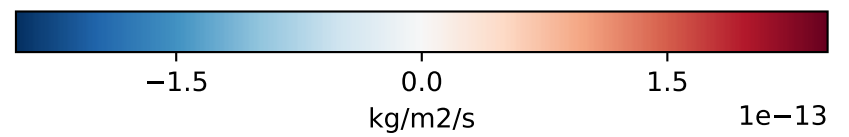
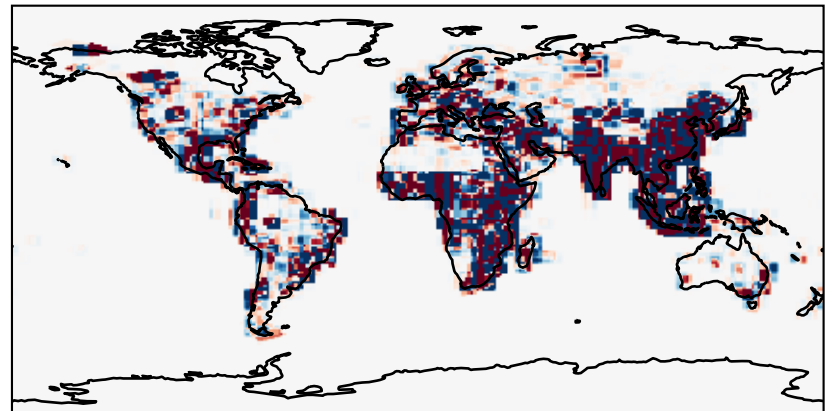
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



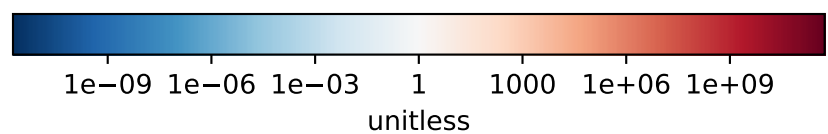
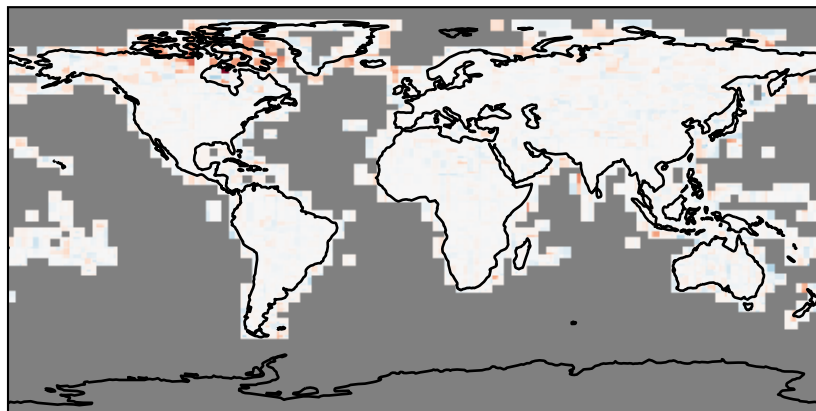
Difference (1x1.25)  
Dev - Ref, Dynamic Range



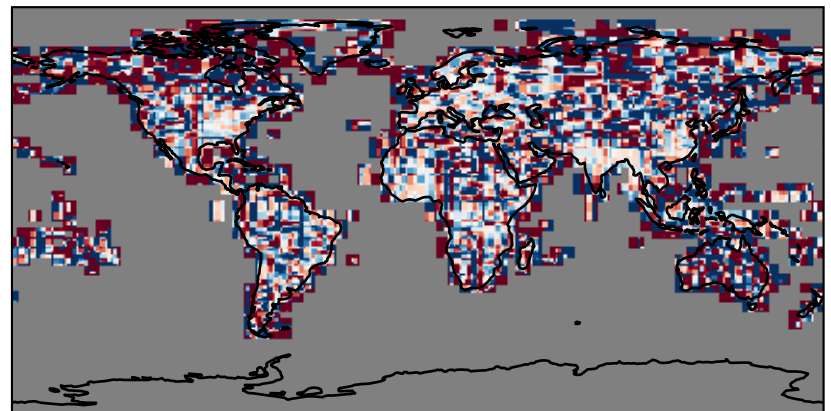
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

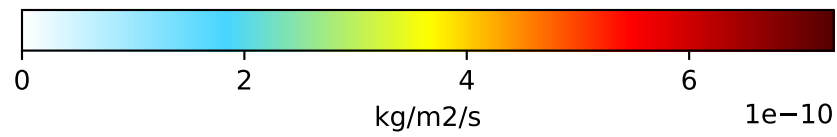
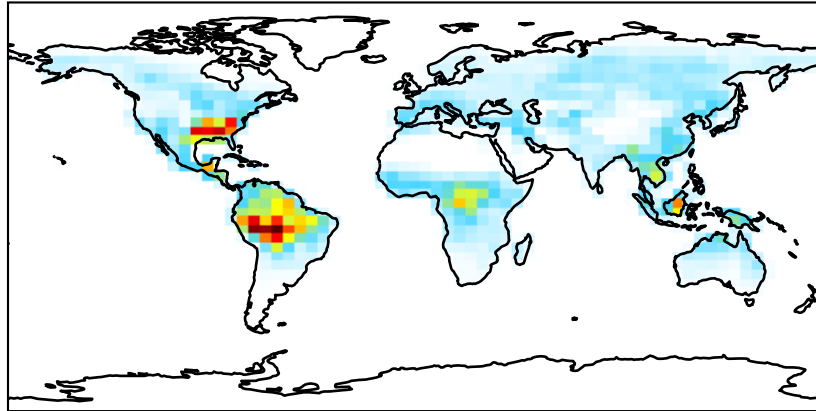


Ratio (1x1.25)  
Dev/Ref, Fixed Range

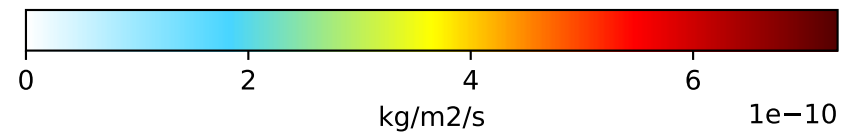
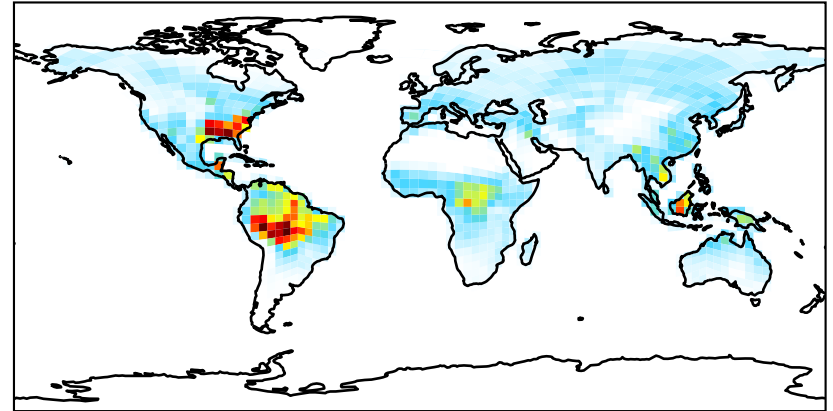


# EmisSOP\_Total

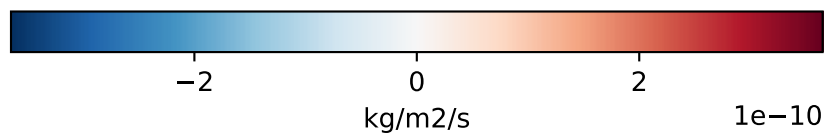
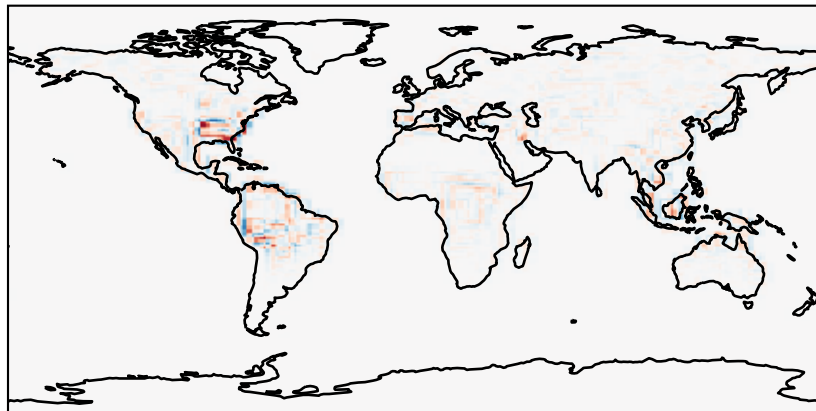
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



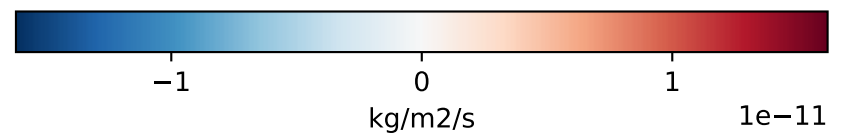
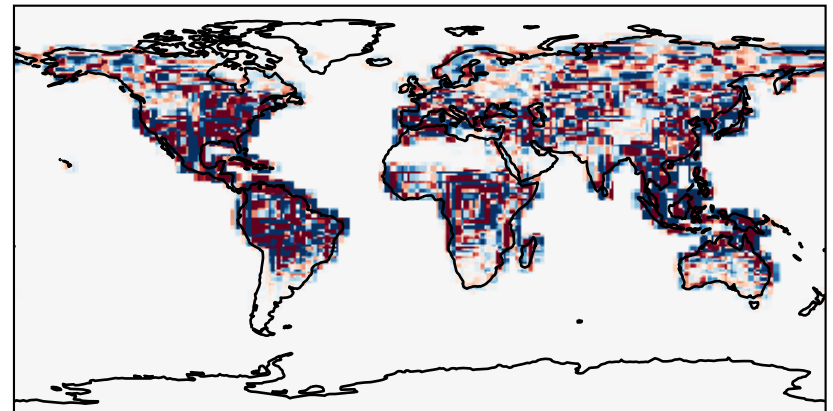
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



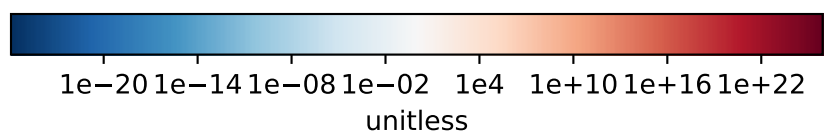
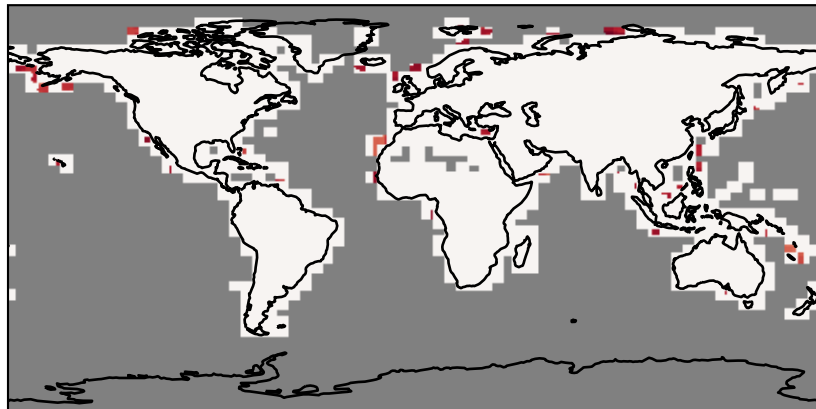
Difference (1x1.25)  
Dev - Ref, Dynamic Range



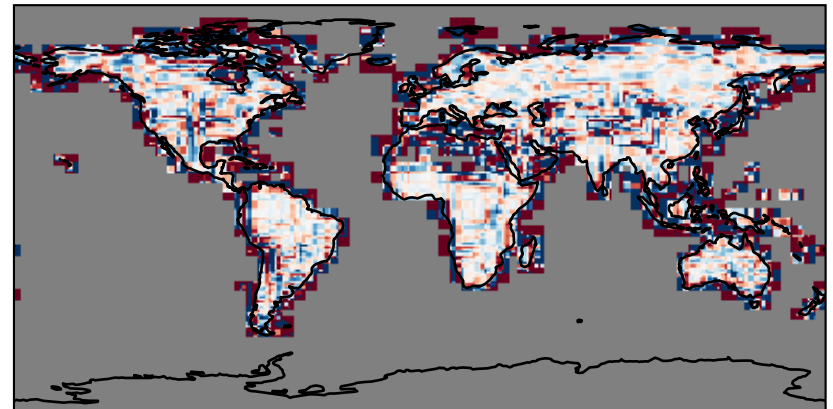
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

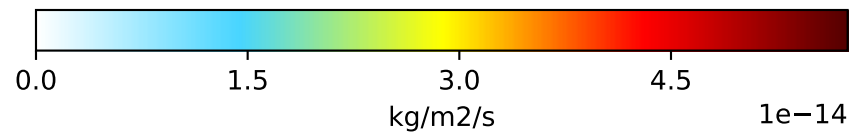
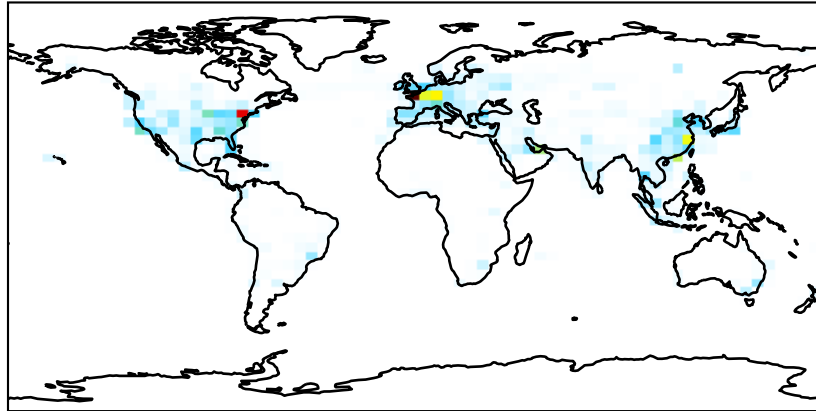


Ratio (1x1.25)  
Dev/Ref, Fixed Range

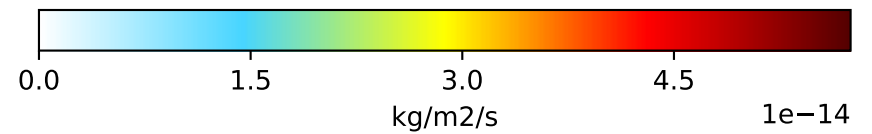
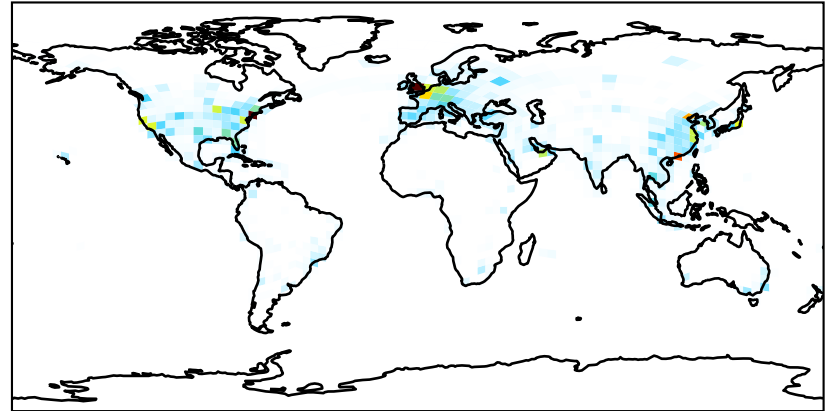


# EmisMACR\_Total

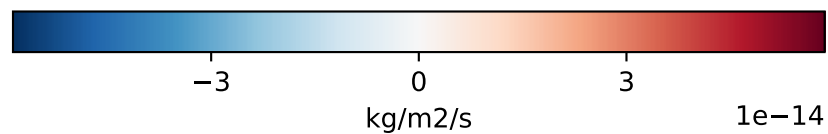
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



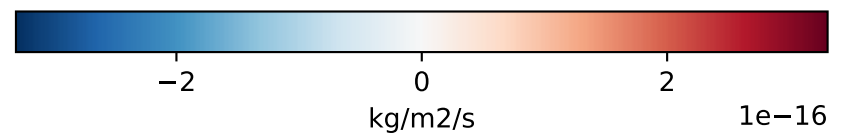
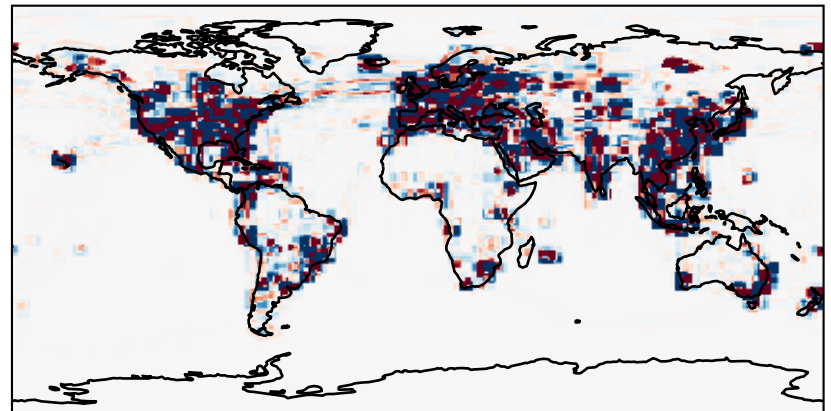
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



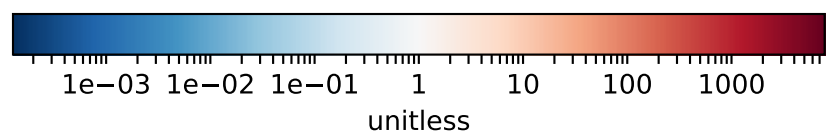
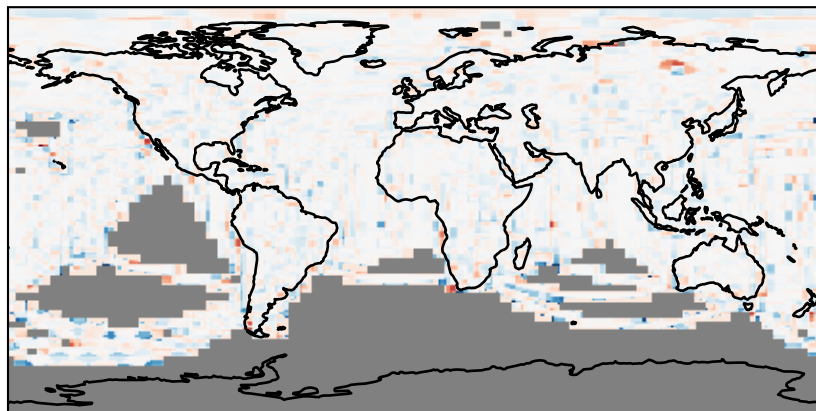
Difference (1x1.25)  
Dev - Ref, Dynamic Range



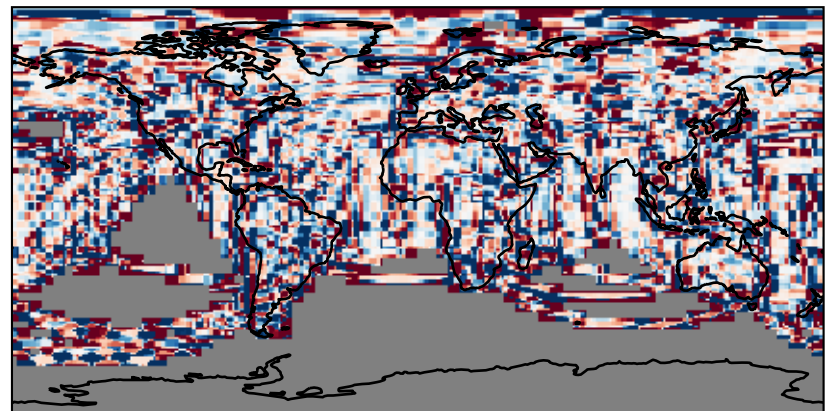
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

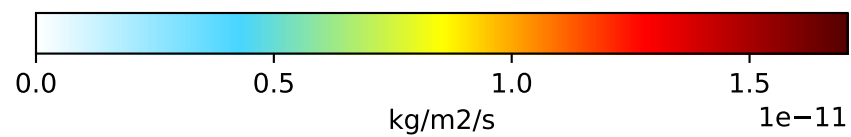
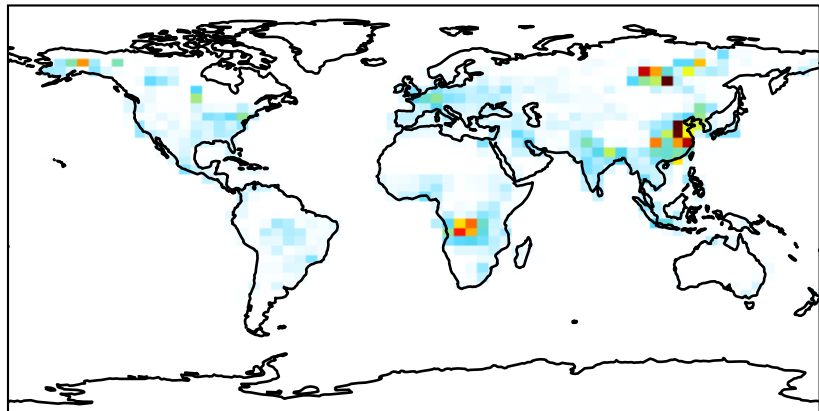


Ratio (1x1.25)  
Dev/Ref, Fixed Range

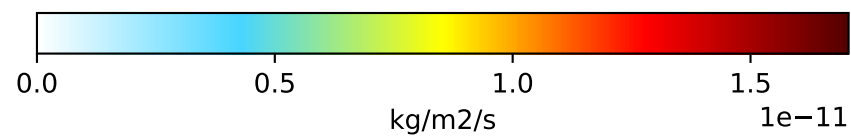
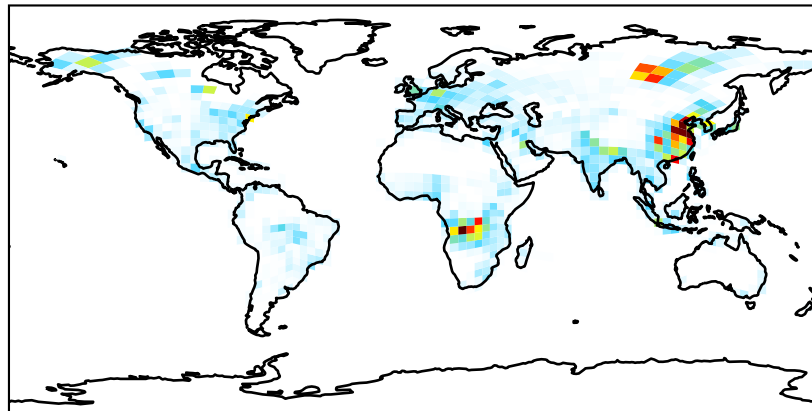


# EmisMEK\_Total

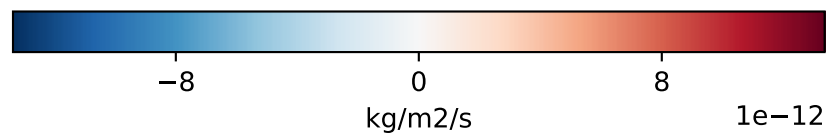
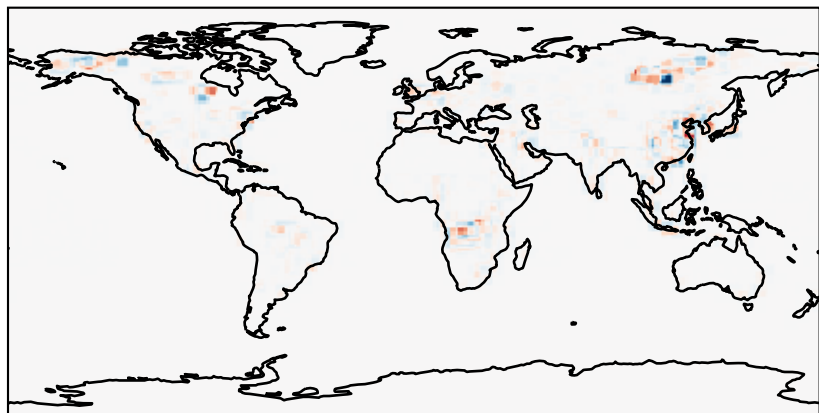
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



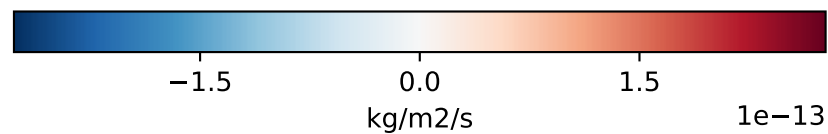
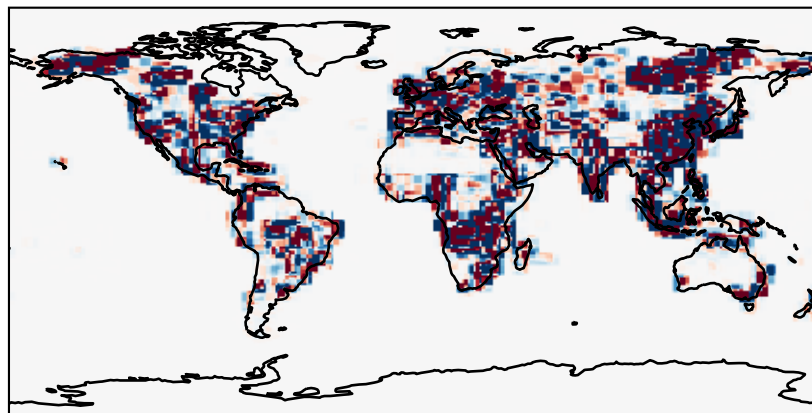
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



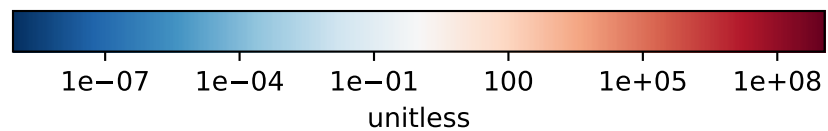
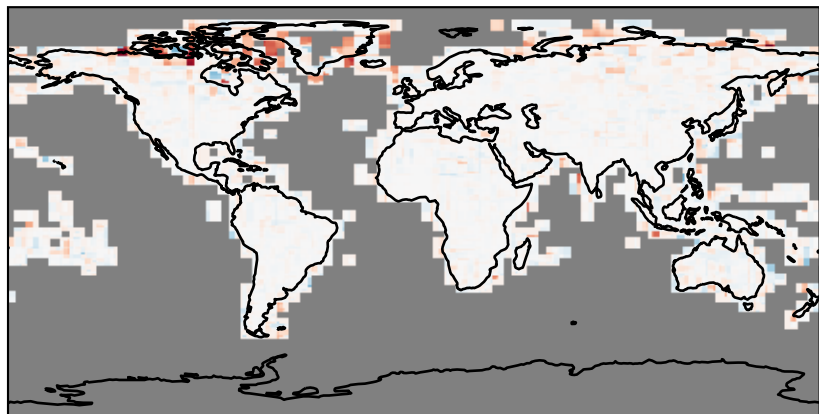
Difference (1x1.25)  
Dev - Ref, Dynamic Range



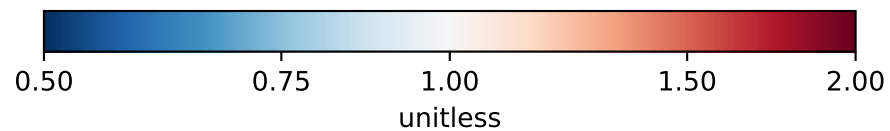
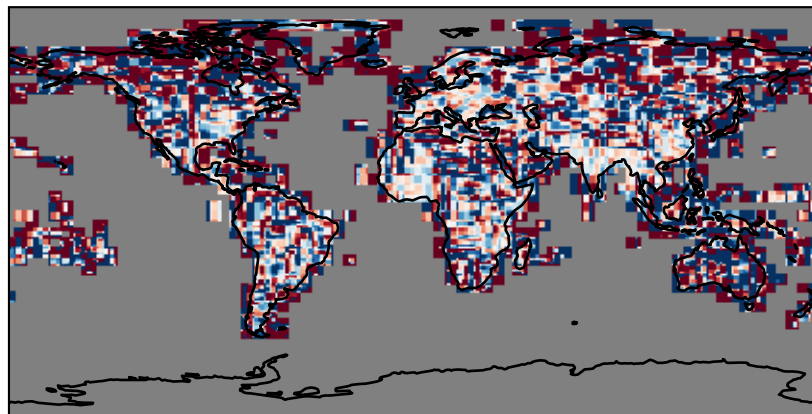
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

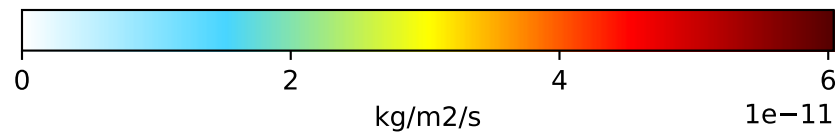
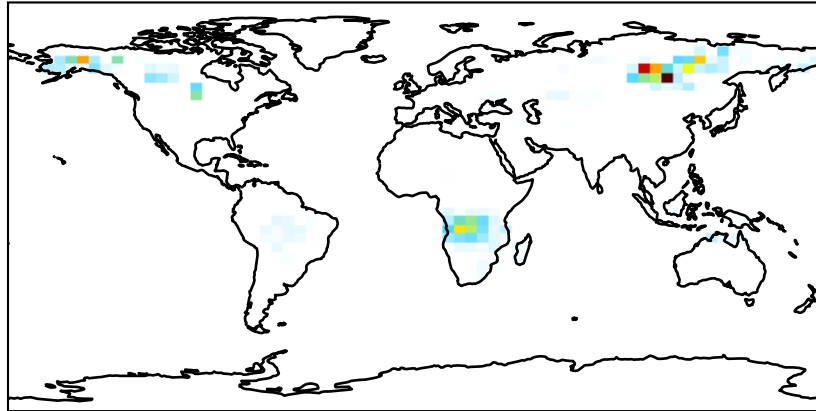


Ratio (1x1.25)  
Dev/Ref, Fixed Range

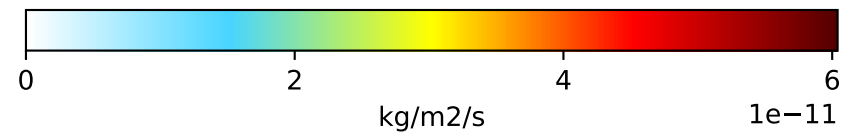
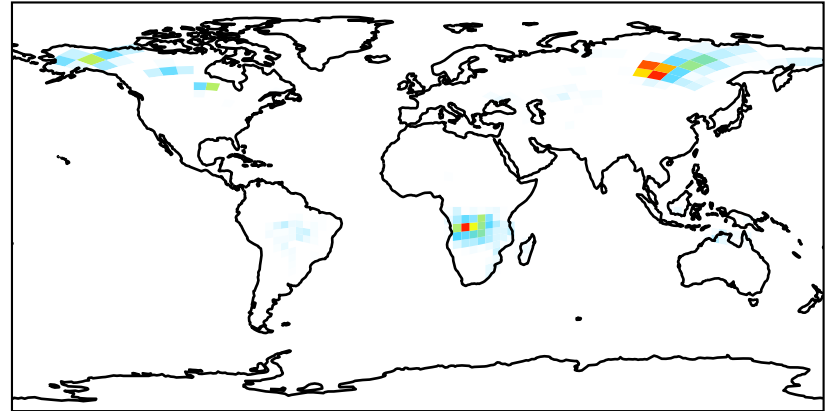


# EmisMGLY\_Total

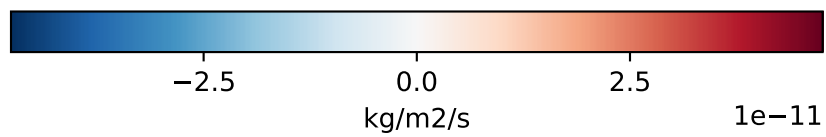
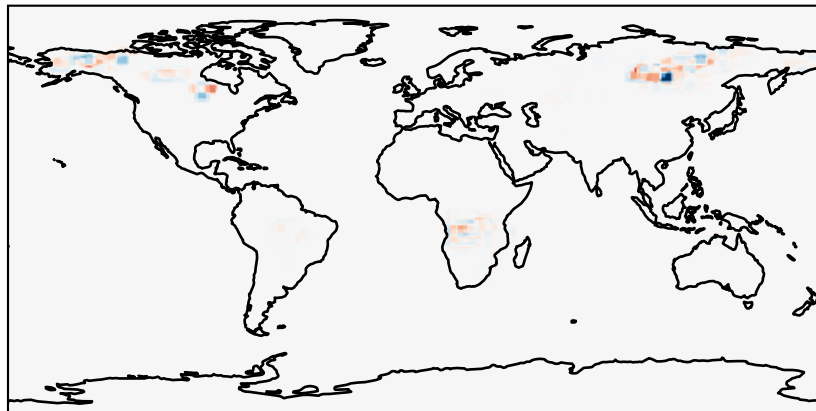
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



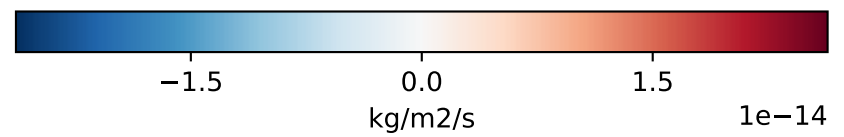
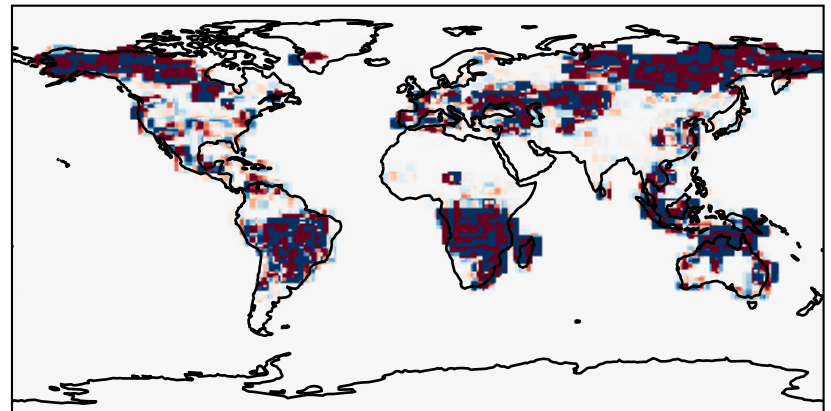
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



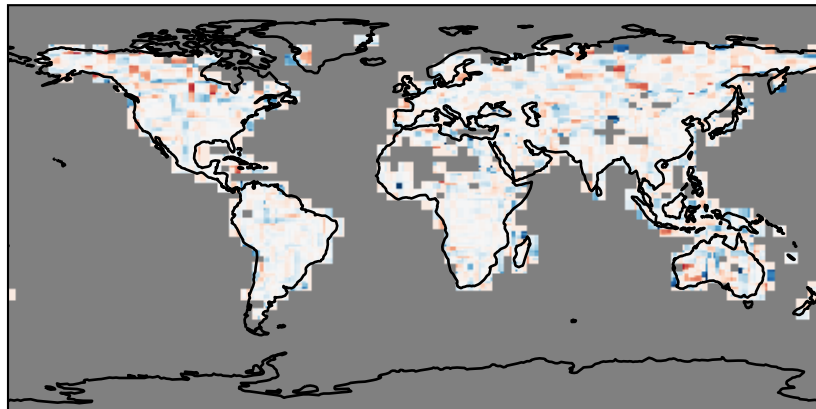
Difference (1x1.25)  
Dev - Ref, Dynamic Range



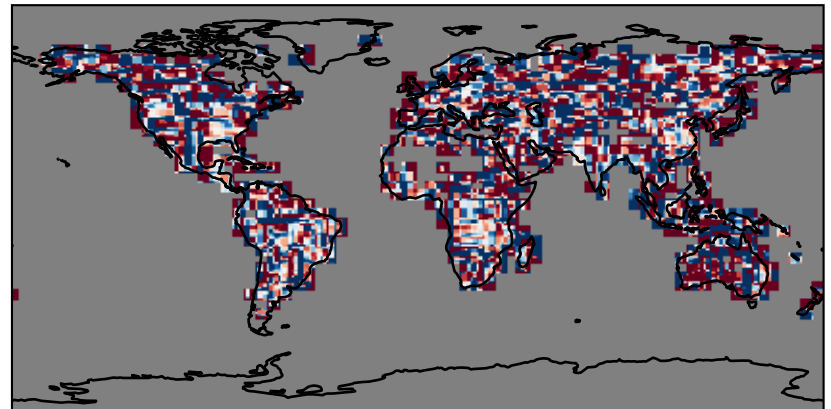
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

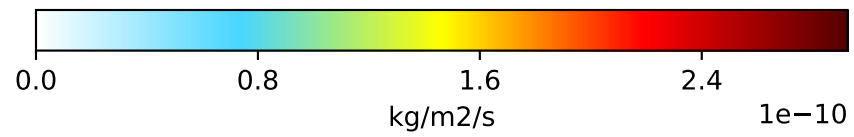
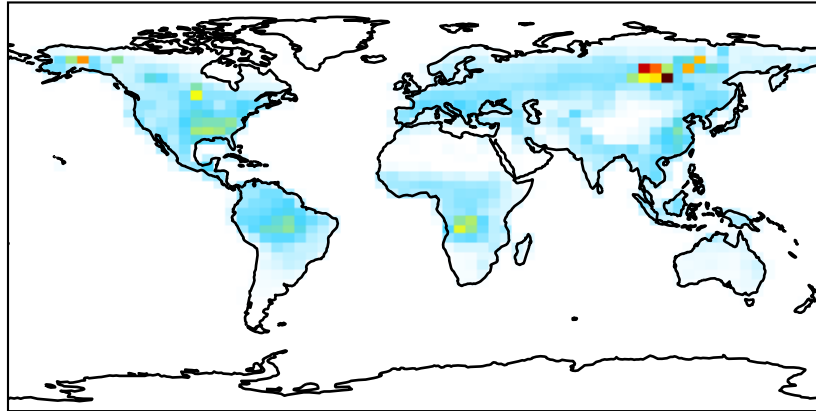


Ratio (1x1.25)  
Dev/Ref, Fixed Range

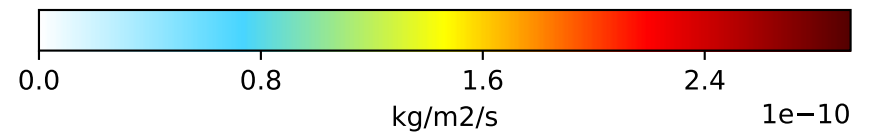
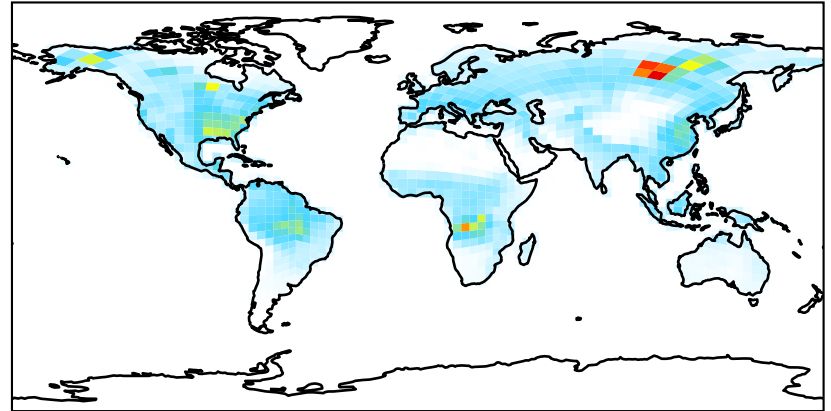


# EmisMOH\_Total

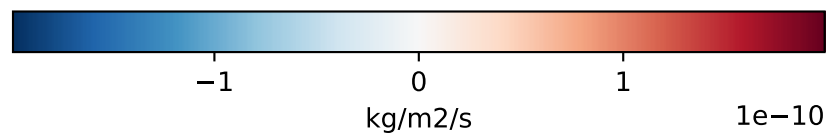
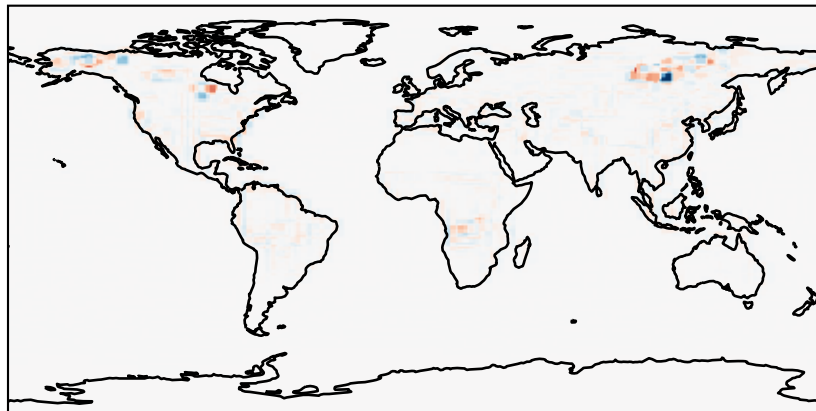
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



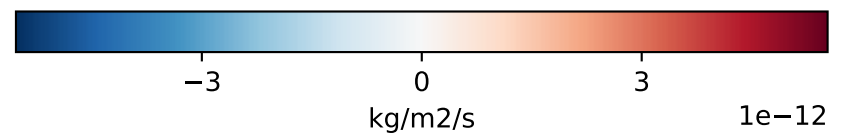
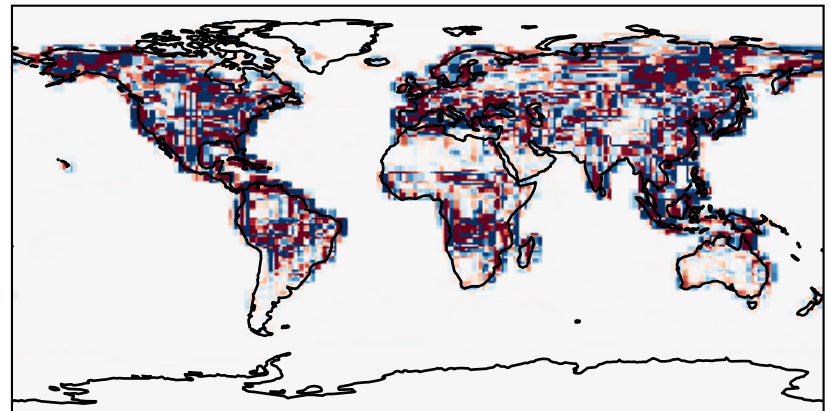
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



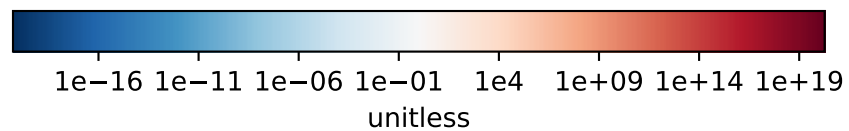
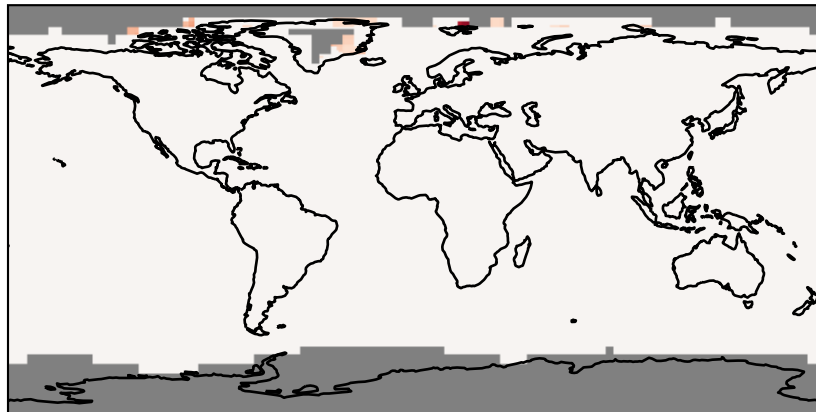
Difference (1x1.25)  
Dev - Ref, Dynamic Range



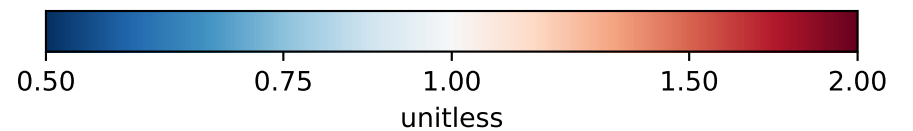
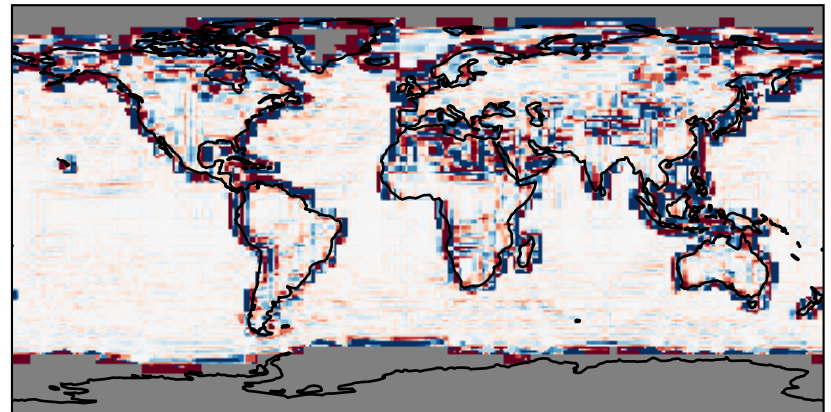
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range



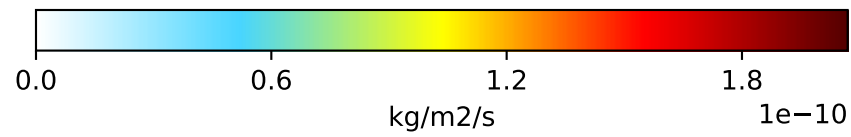
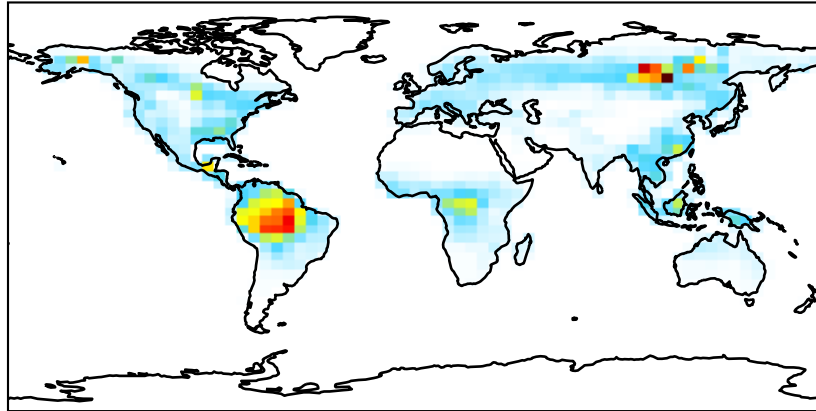
Ratio (1x1.25)  
Dev/Ref, Fixed Range



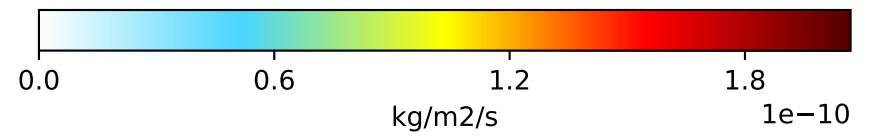
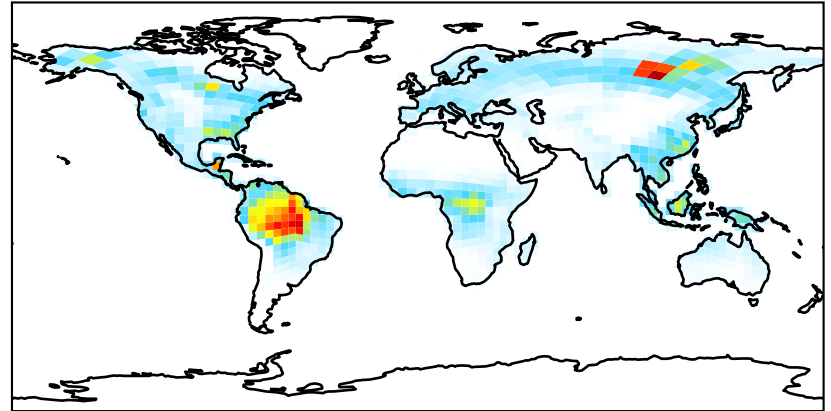


# EmisMTPA\_Total

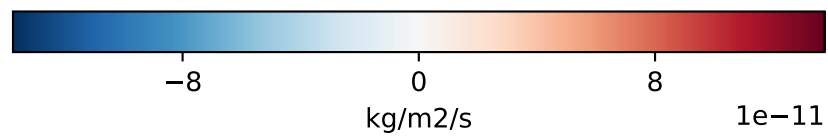
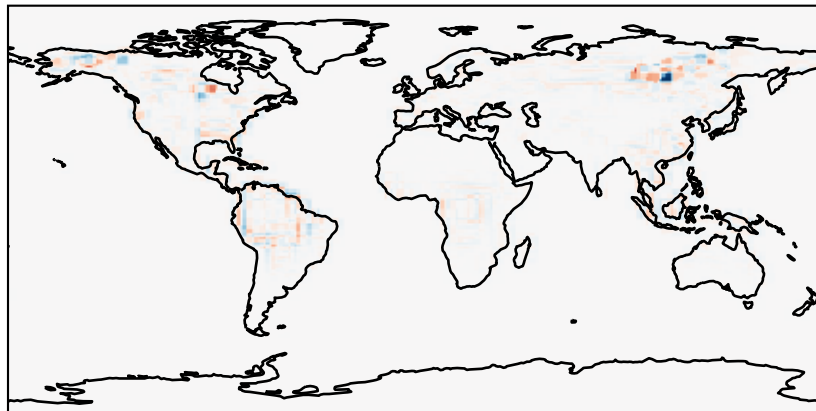
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



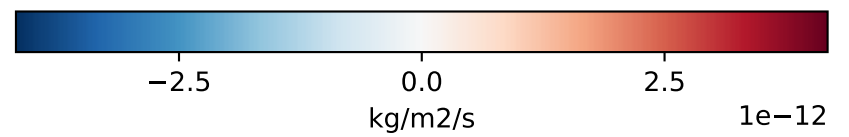
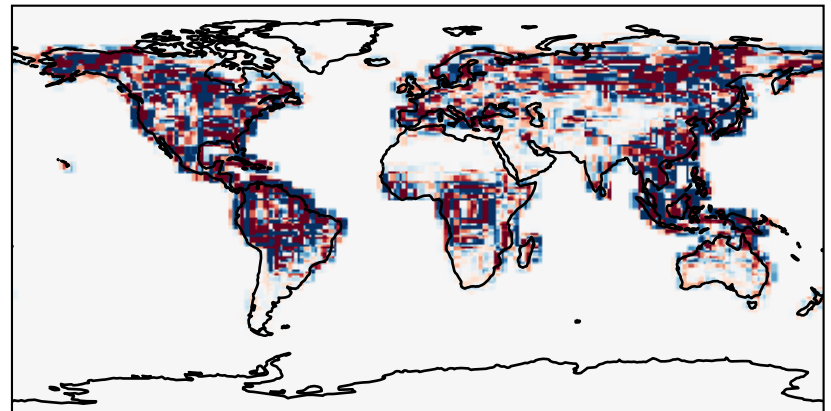
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



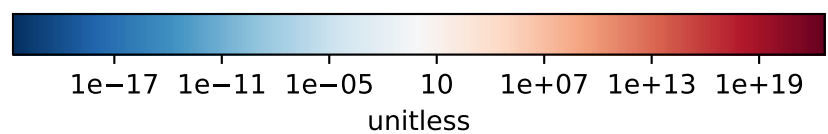
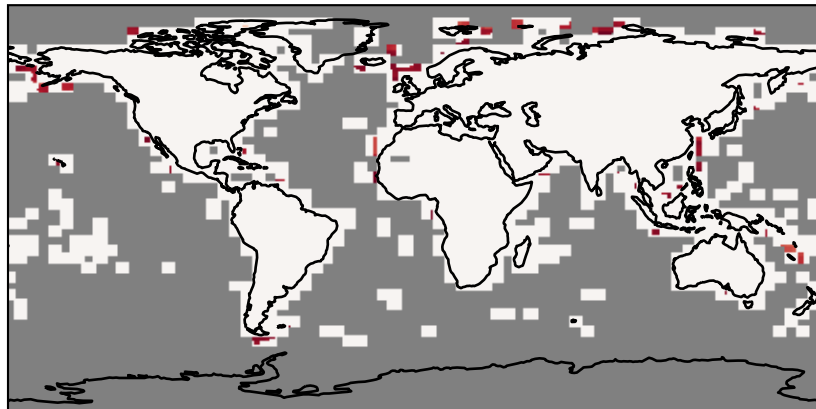
Difference (1x1.25)  
Dev - Ref, Dynamic Range



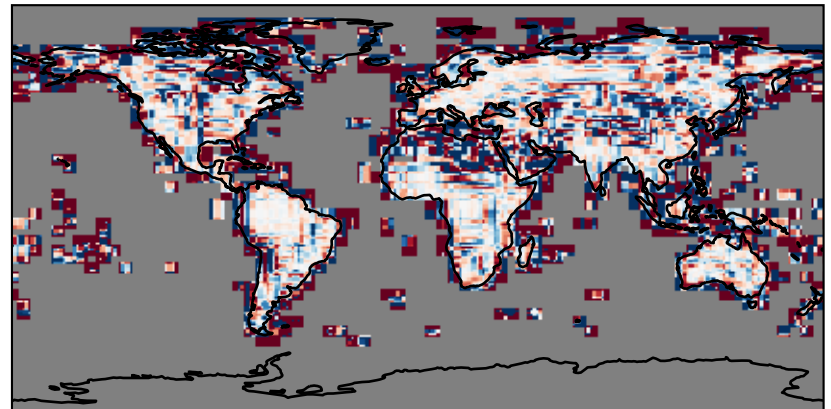
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

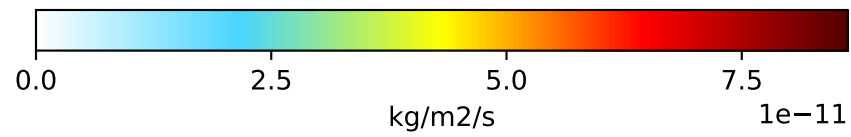
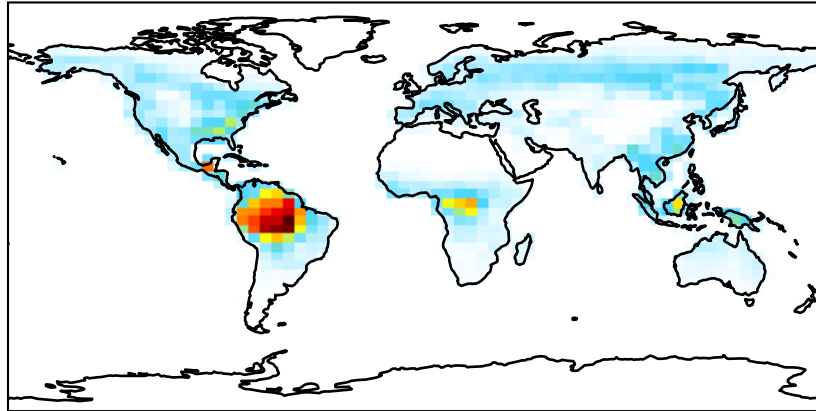


Ratio (1x1.25)  
Dev/Ref, Fixed Range

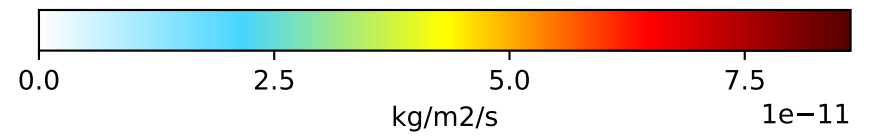
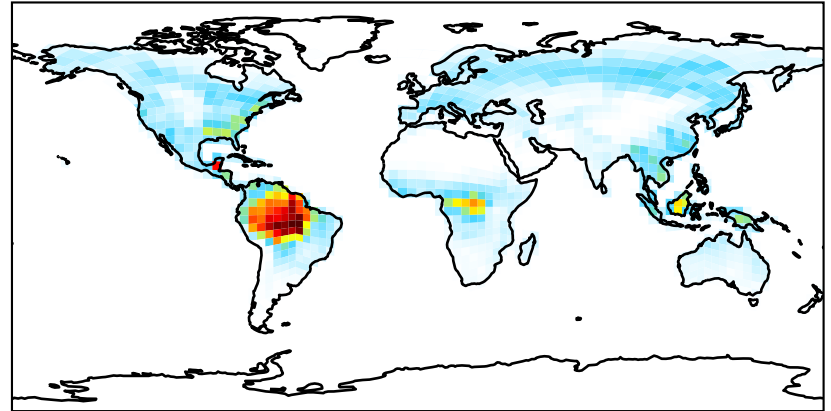


# EmisMTPO\_Total

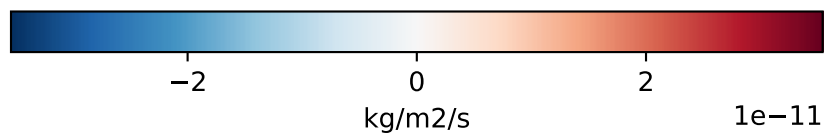
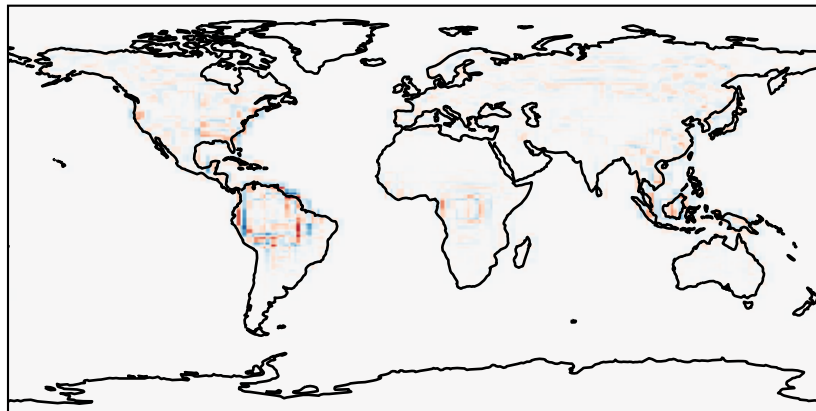
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



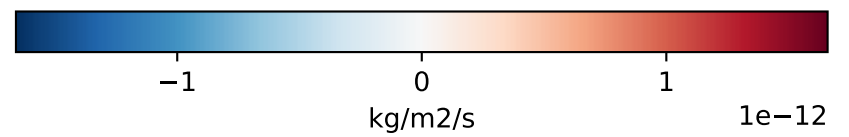
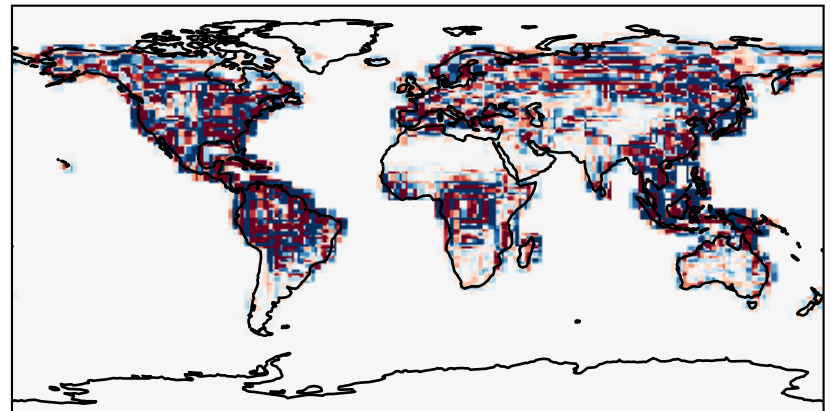
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



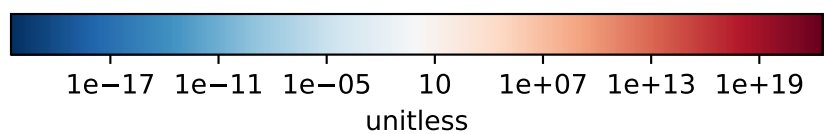
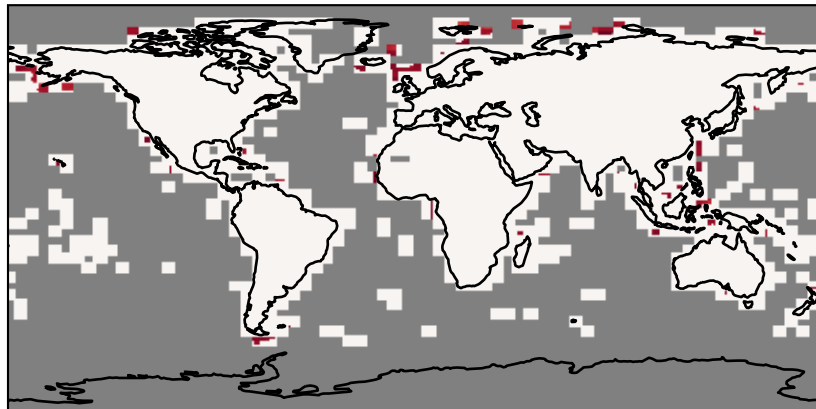
Difference (1x1.25)  
Dev - Ref, Dynamic Range



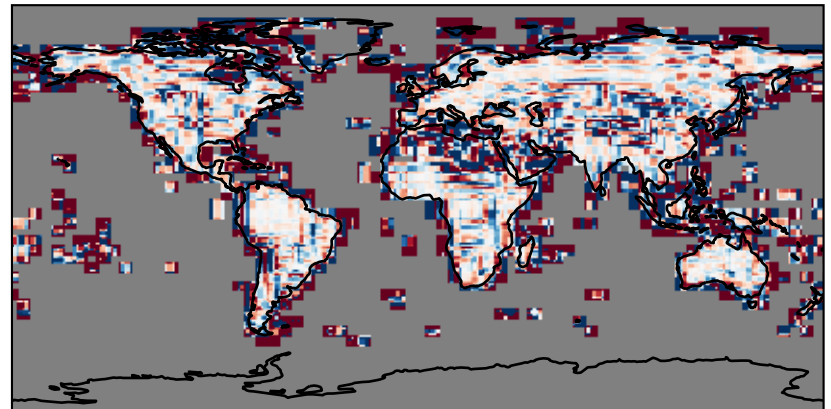
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

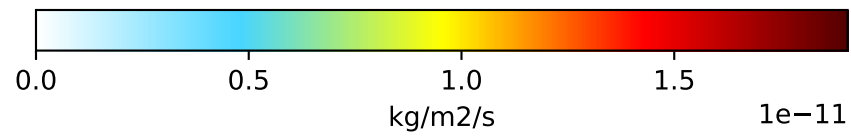
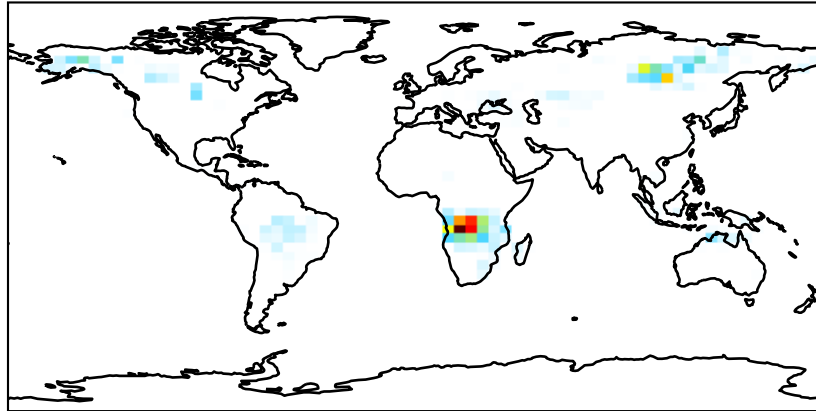


Ratio (1x1.25)  
Dev/Ref, Fixed Range

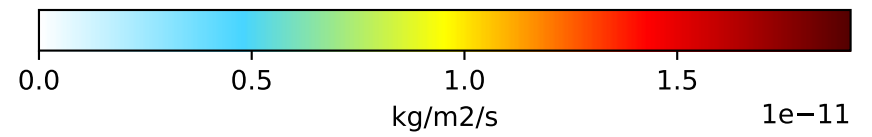
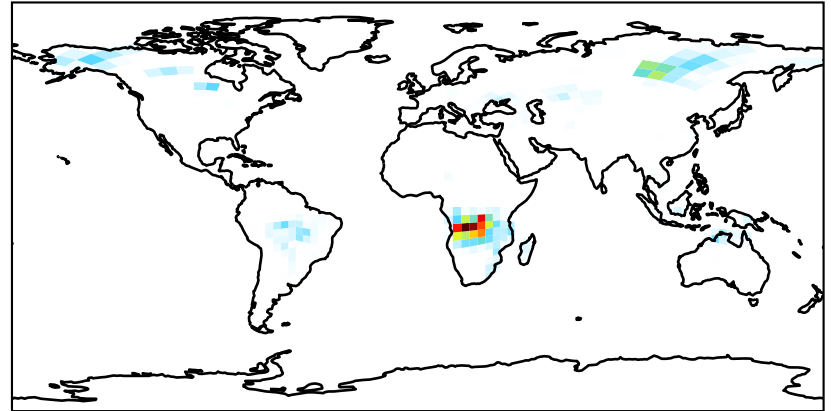


# EmisMVK\_Total

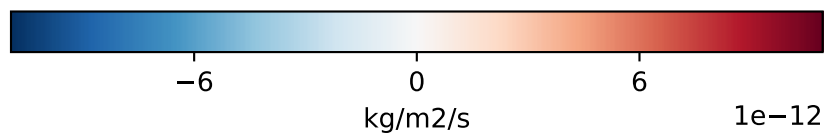
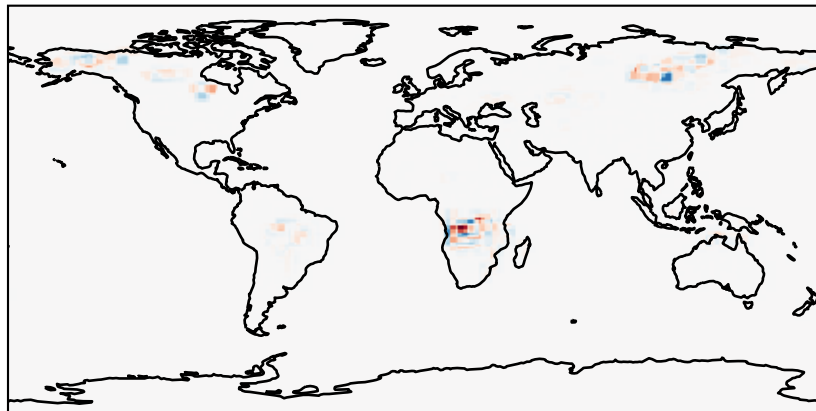
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



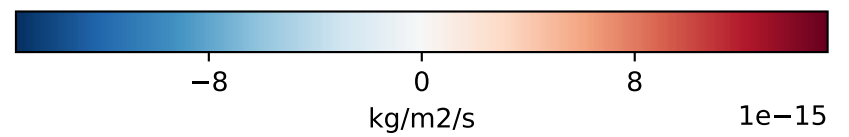
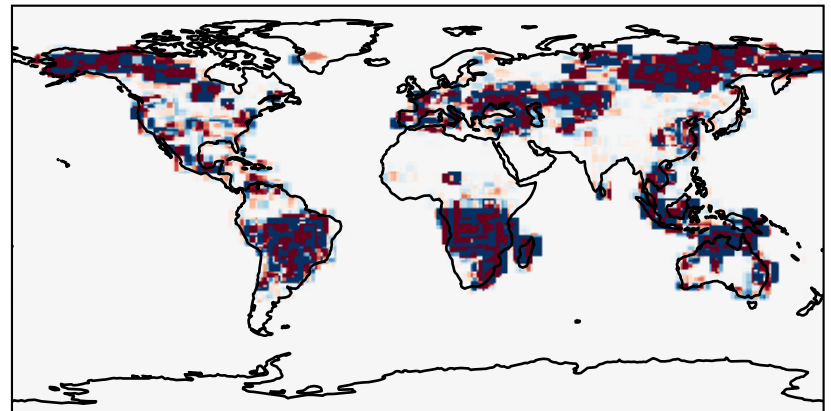
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



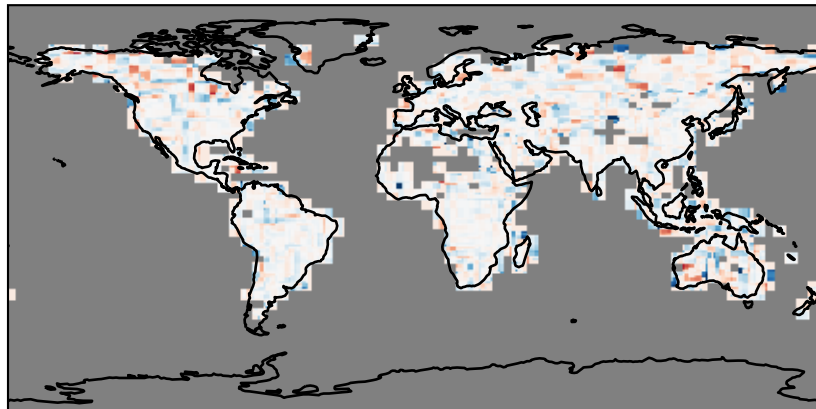
Difference (1x1.25)  
Dev - Ref, Dynamic Range



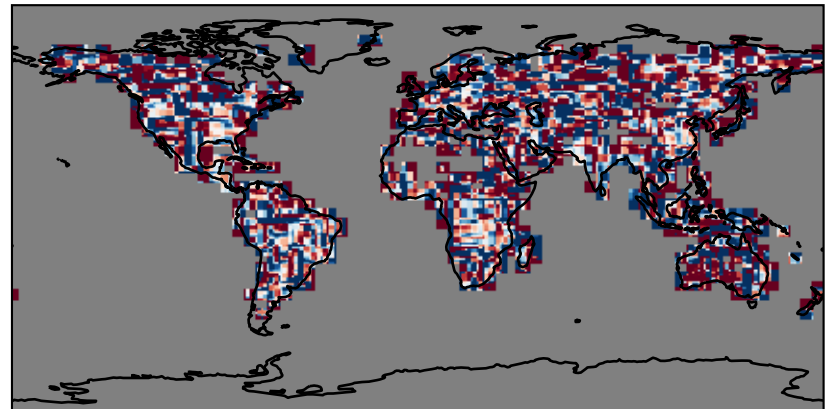
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

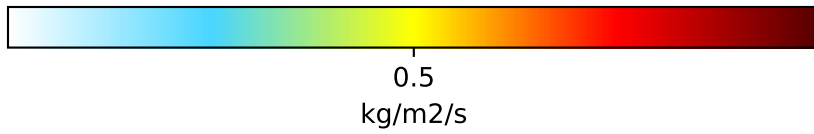


Ratio (1x1.25)  
Dev/Ref, Fixed Range

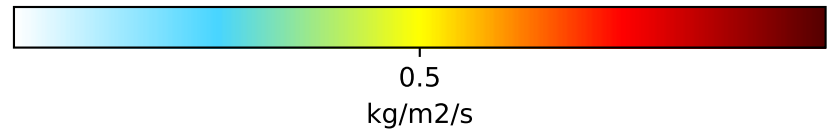
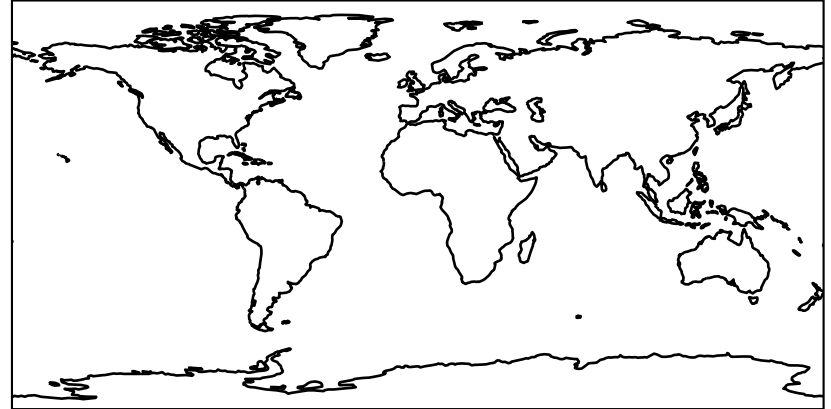


# EmisNAP\_Total

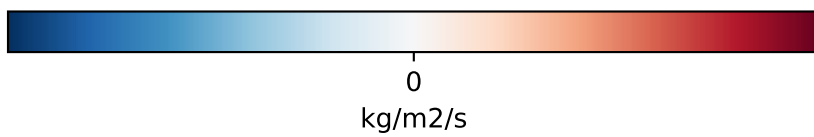
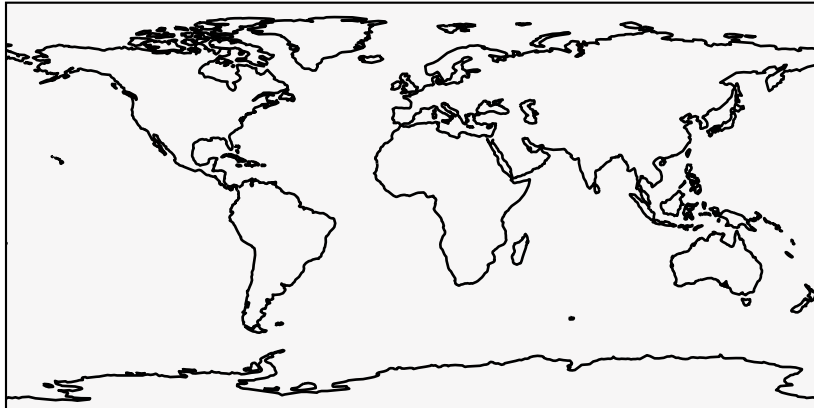
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



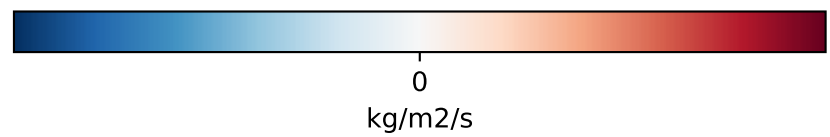
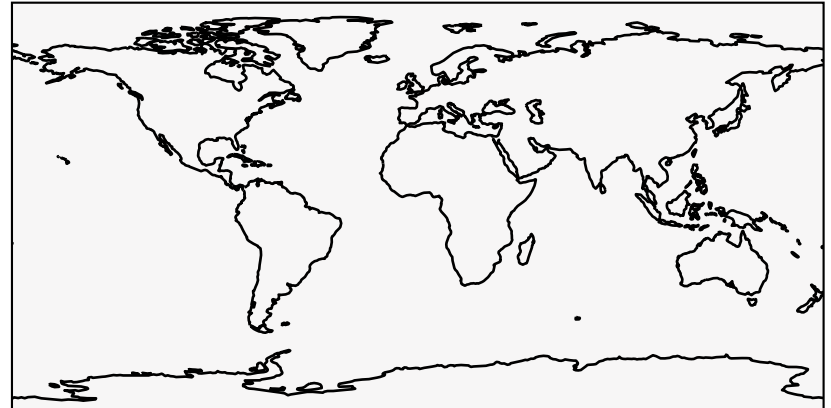
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



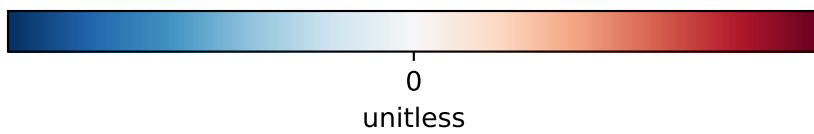
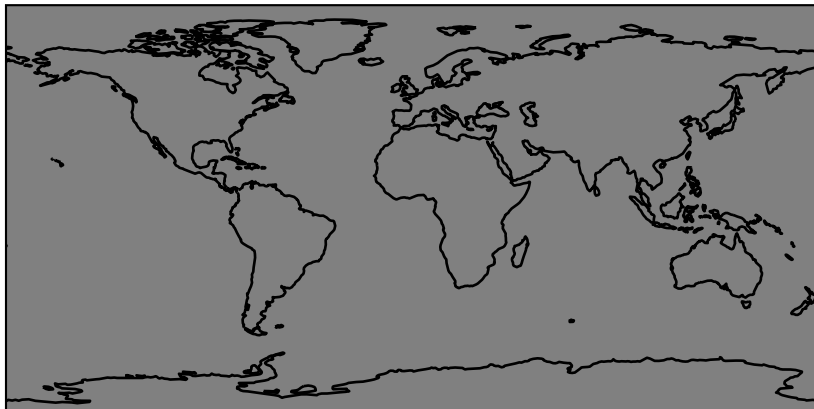
Difference (1x1.25)  
Dev - Ref, Dynamic Range



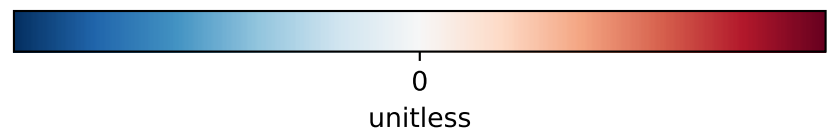
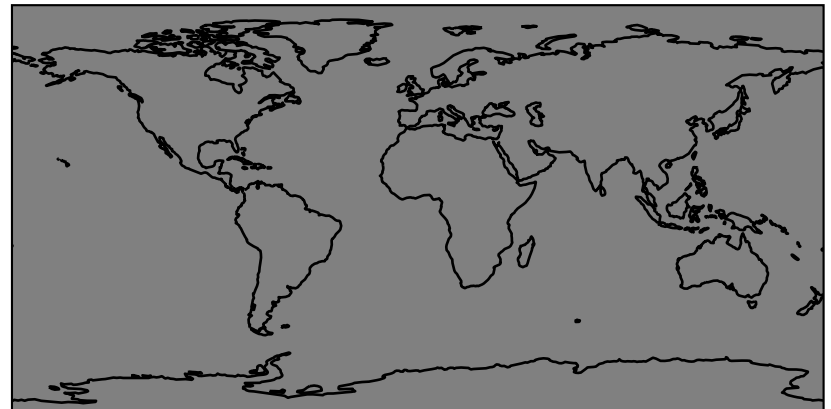
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

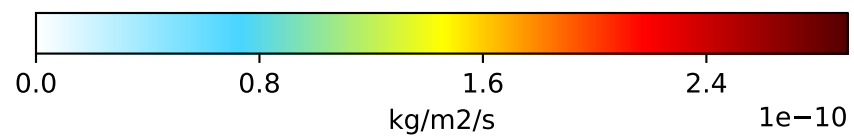
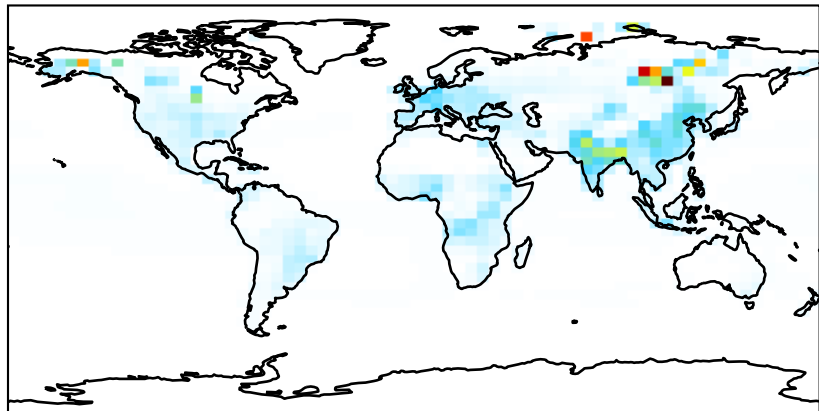


Ratio (1x1.25)  
Dev/Ref, Fixed Range

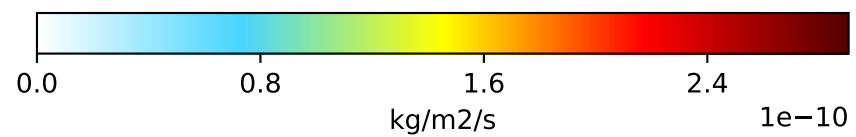
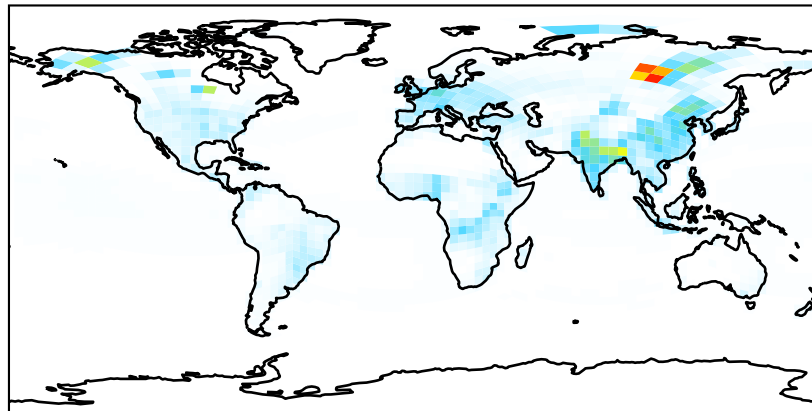


# EmisNH3\_Total

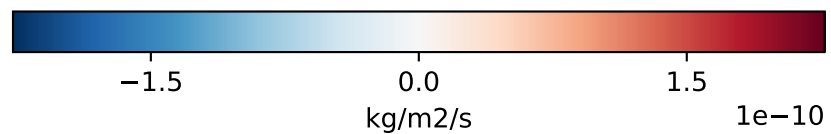
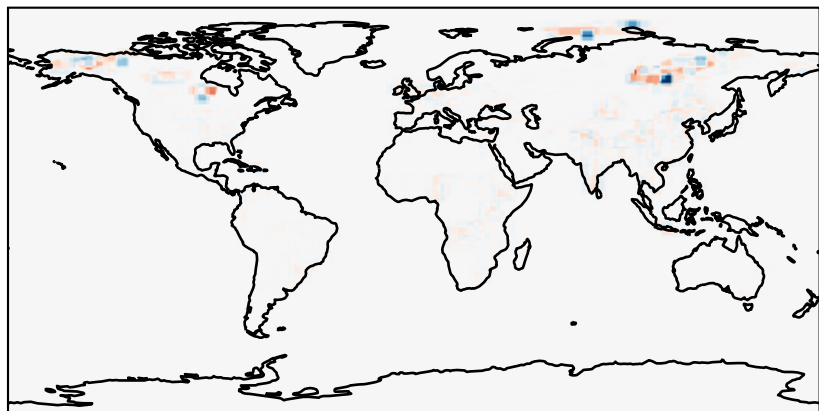
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



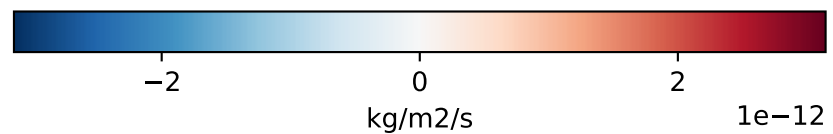
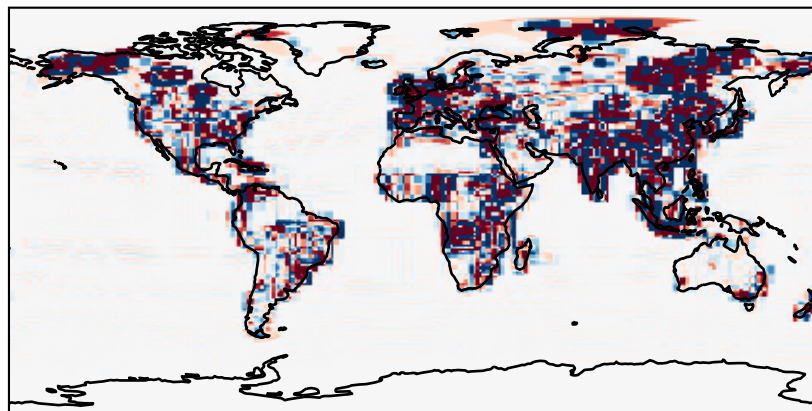
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



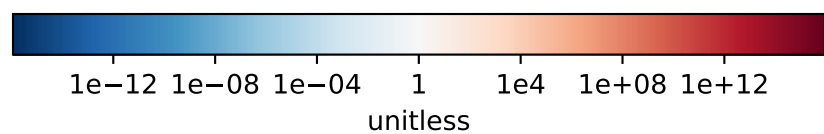
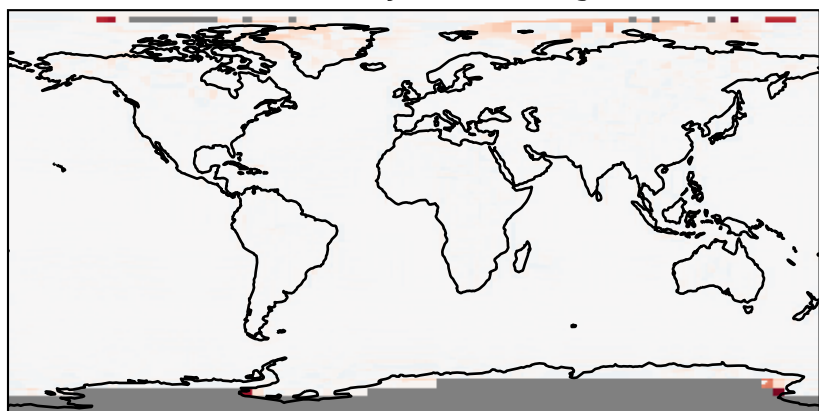
Difference (1x1.25)  
Dev - Ref, Dynamic Range



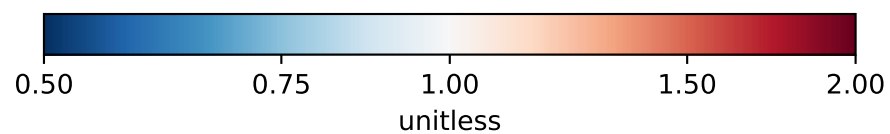
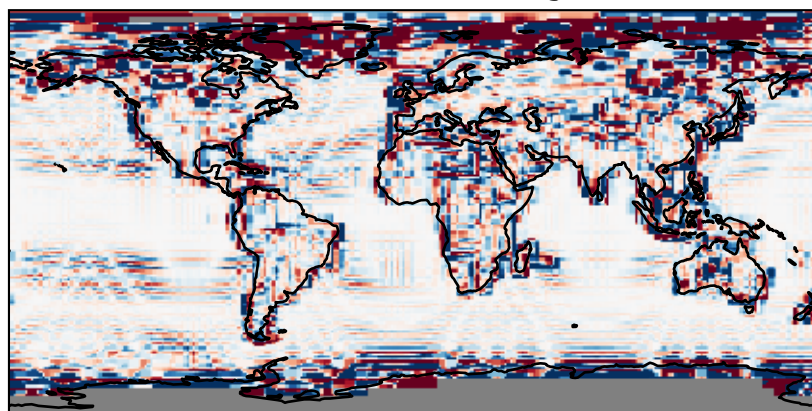
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

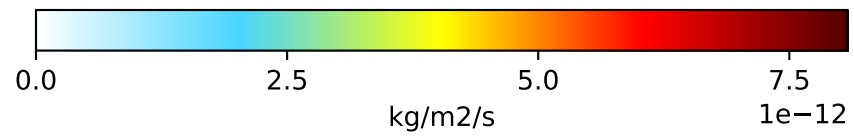
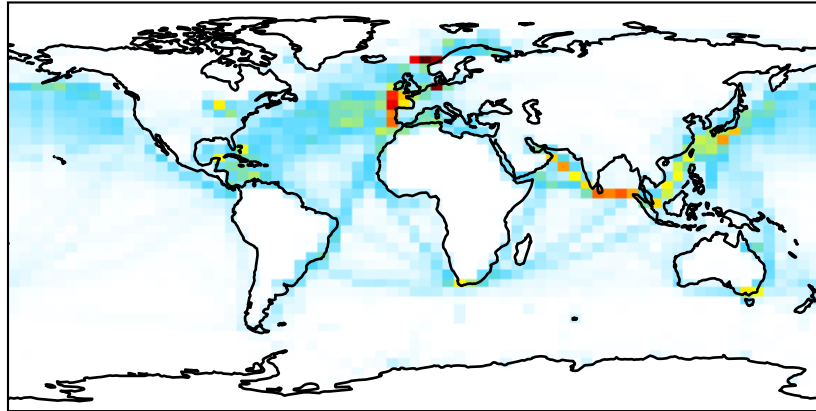


Ratio (1x1.25)  
Dev/Ref, Fixed Range

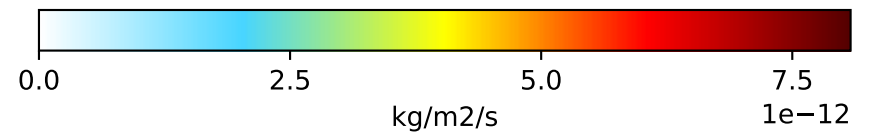
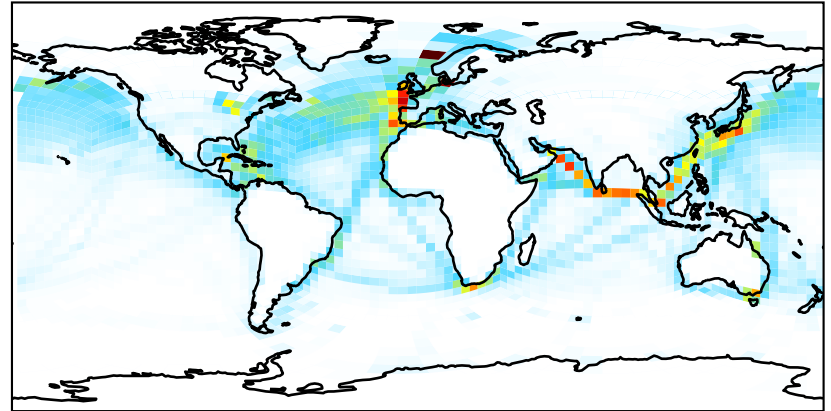


# EmisNO2\_Total

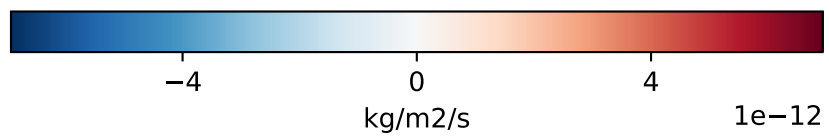
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



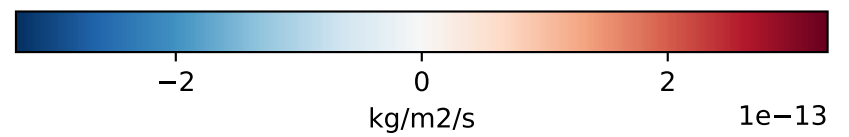
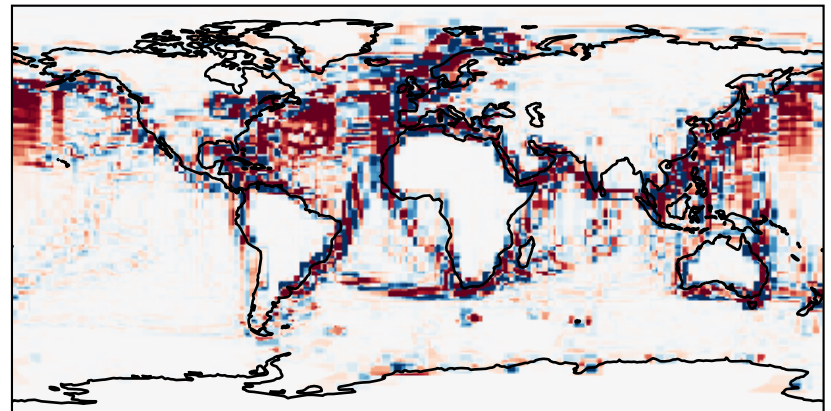
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



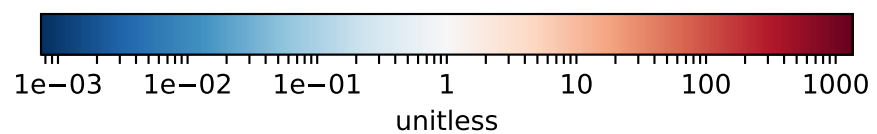
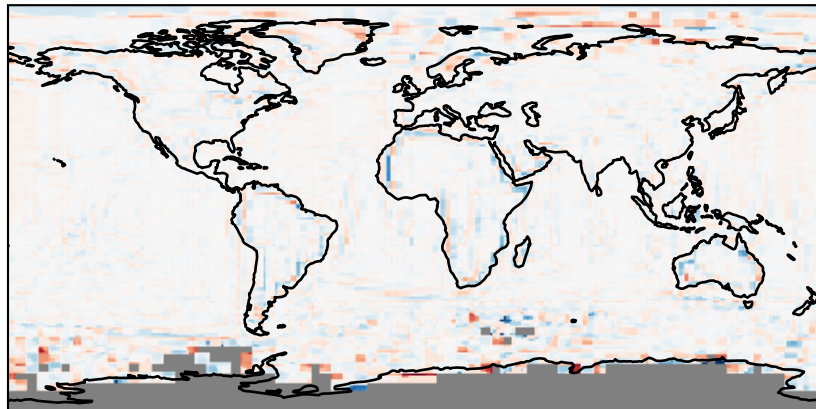
Difference (1x1.25)  
Dev - Ref, Dynamic Range



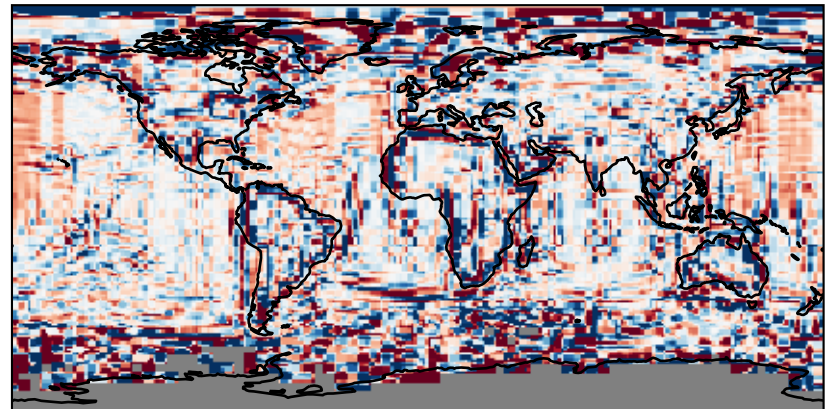
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

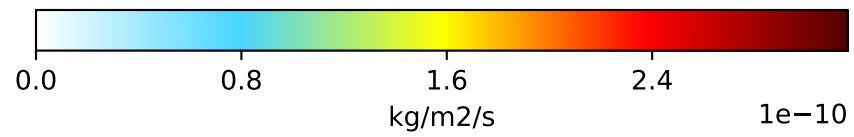
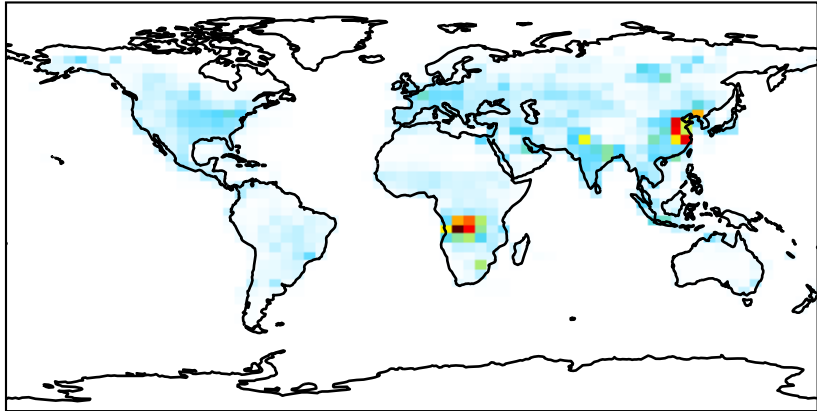


Ratio (1x1.25)  
Dev/Ref, Fixed Range

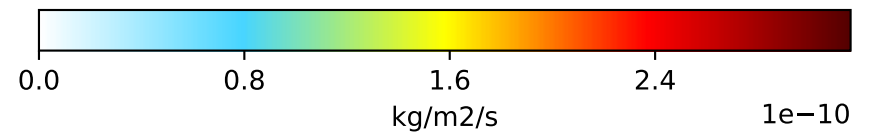
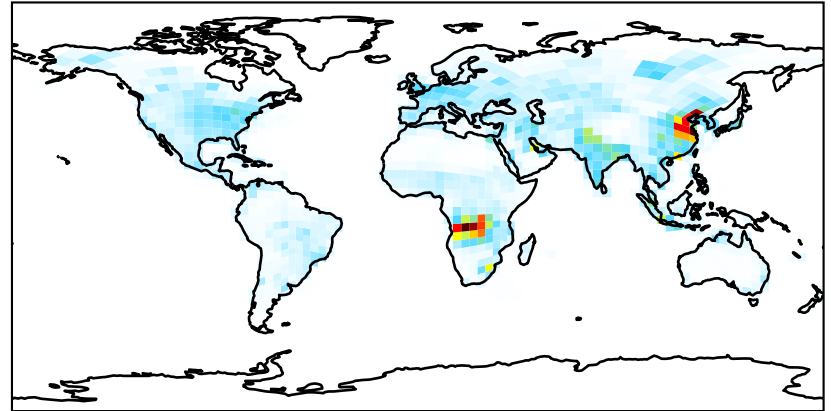


# EmisNO\_Total

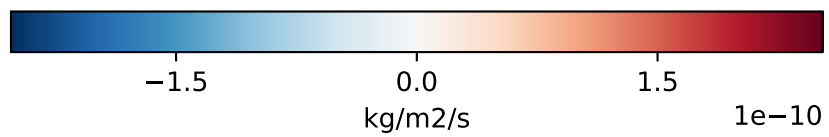
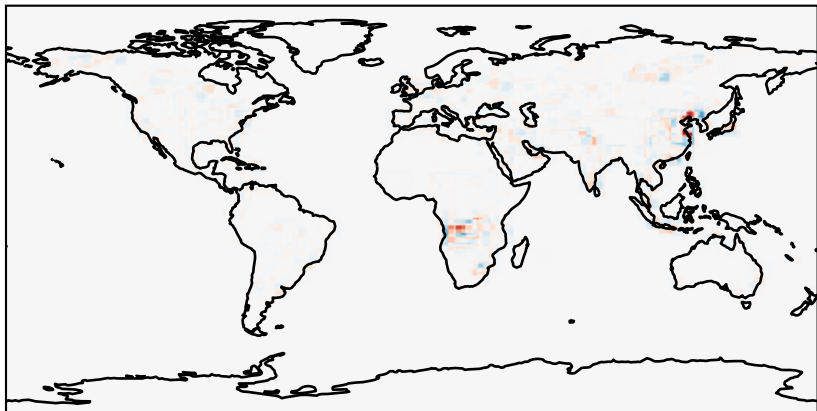
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



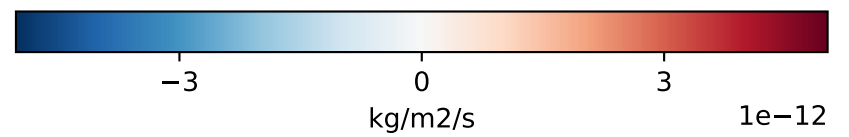
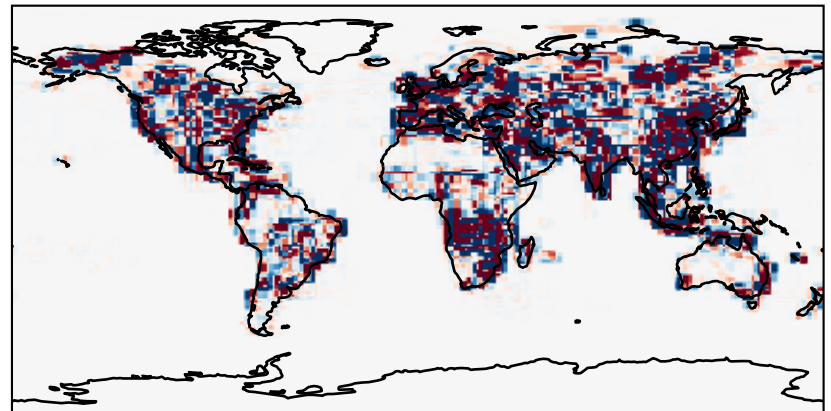
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



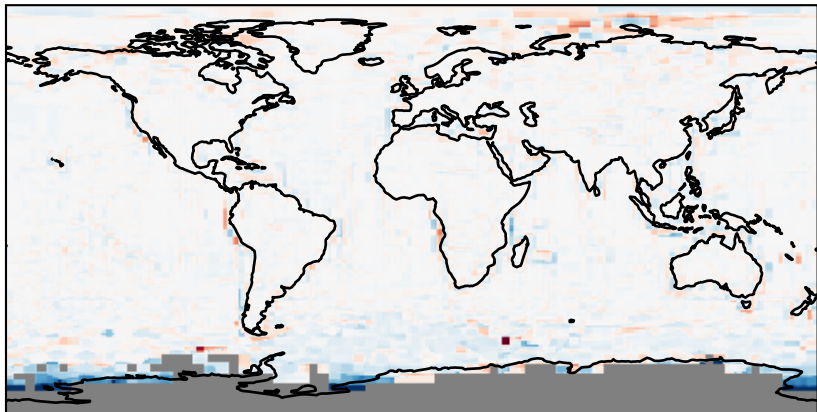
Difference (1x1.25)  
Dev - Ref, Dynamic Range



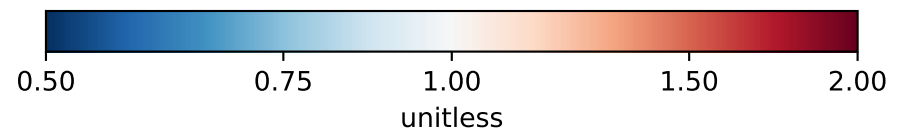
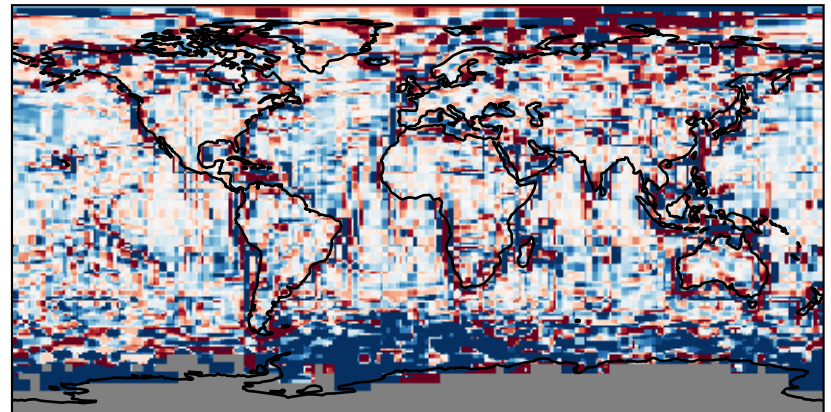
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

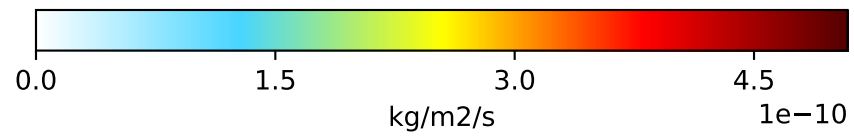
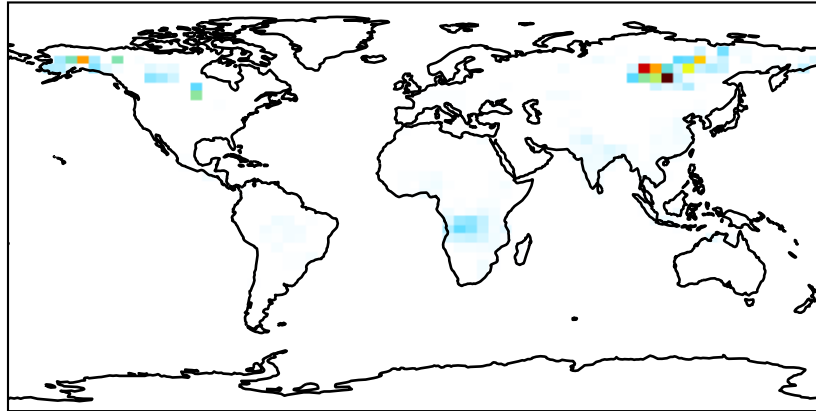


Ratio (1x1.25)  
Dev/Ref, Fixed Range

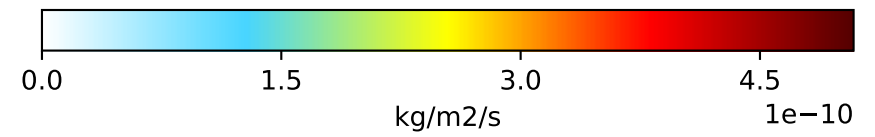
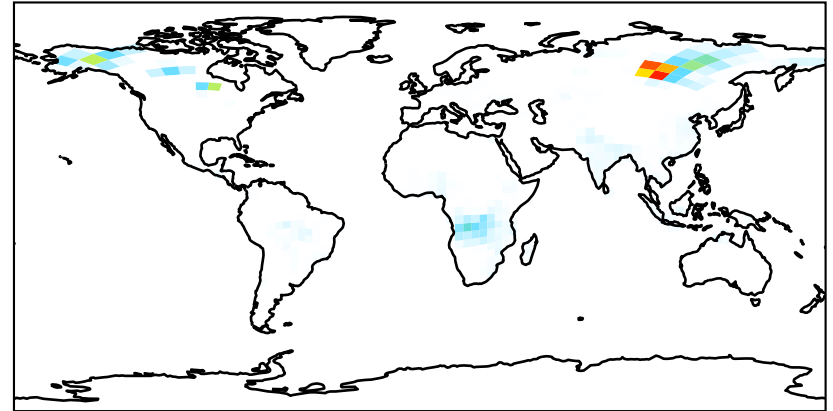


# EmisOCPI\_Total

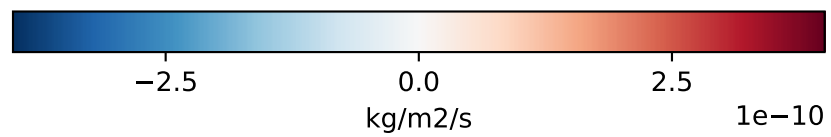
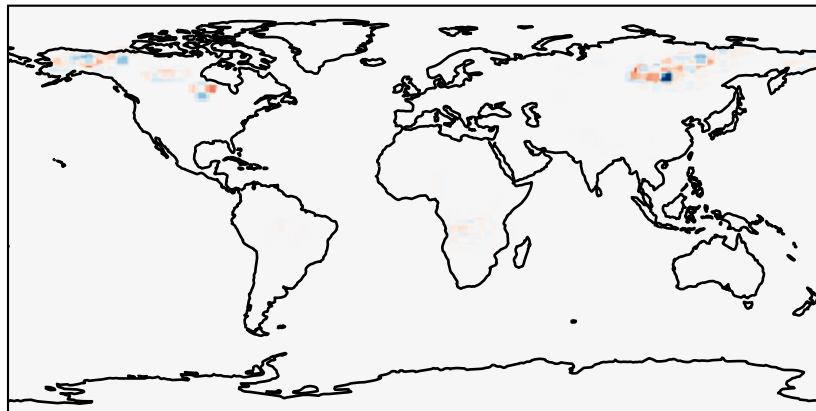
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



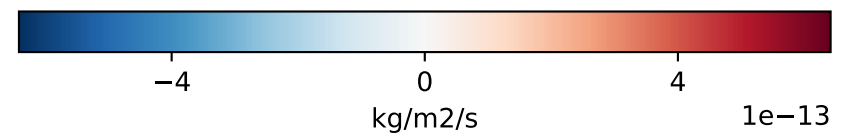
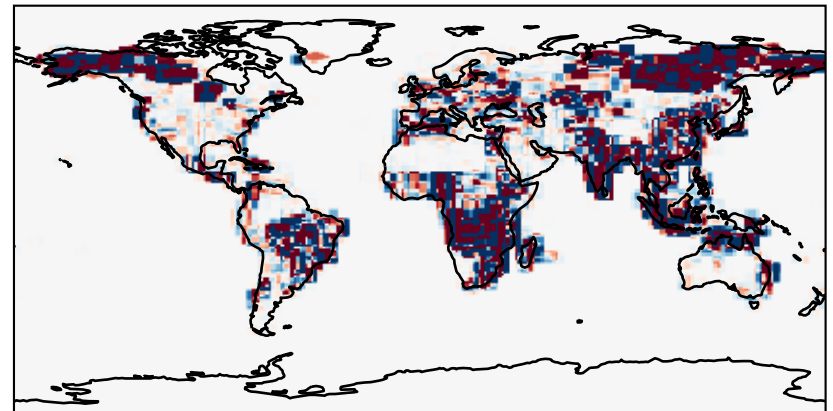
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



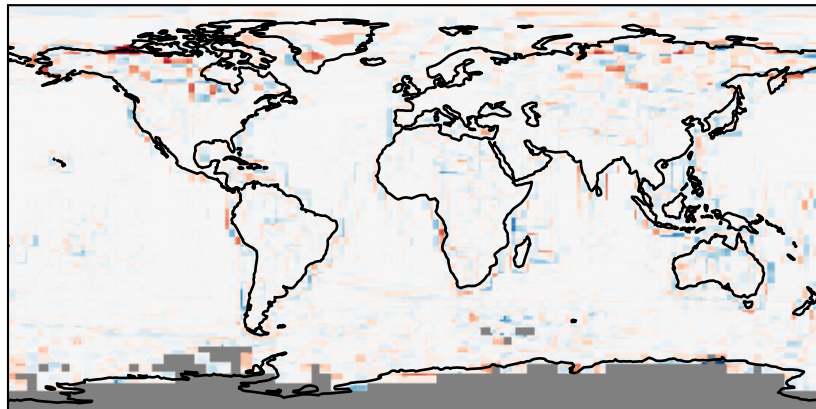
Difference (1x1.25)  
Dev - Ref, Dynamic Range



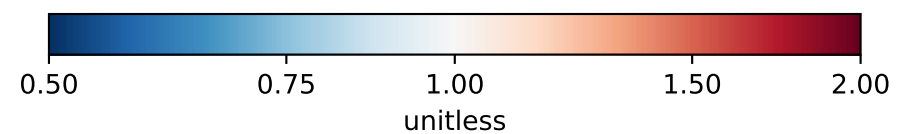
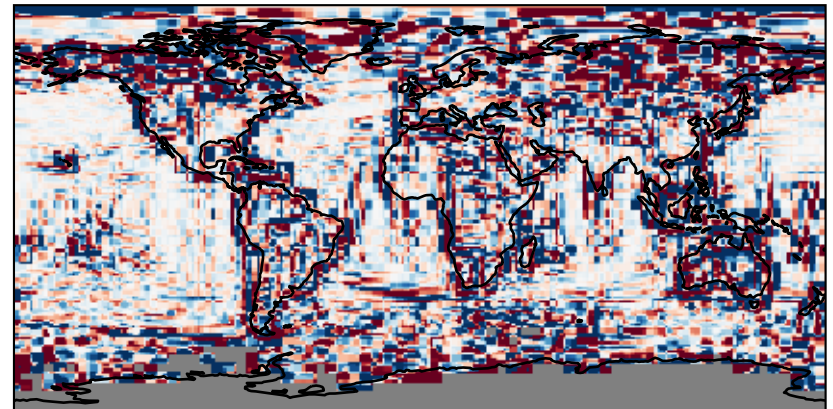
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range



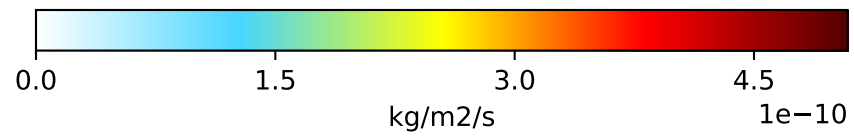
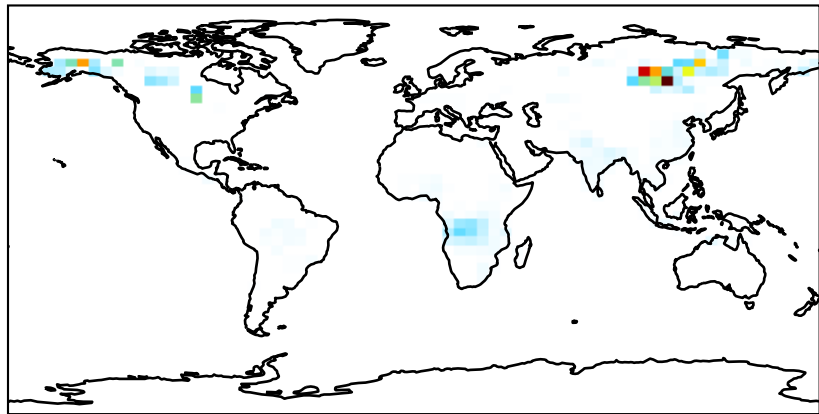
Ratio (1x1.25)  
Dev/Ref, Fixed Range



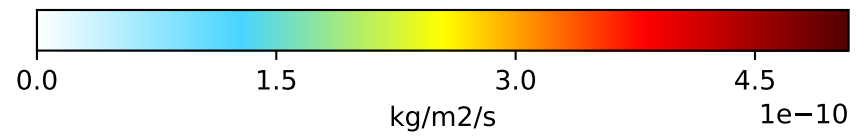
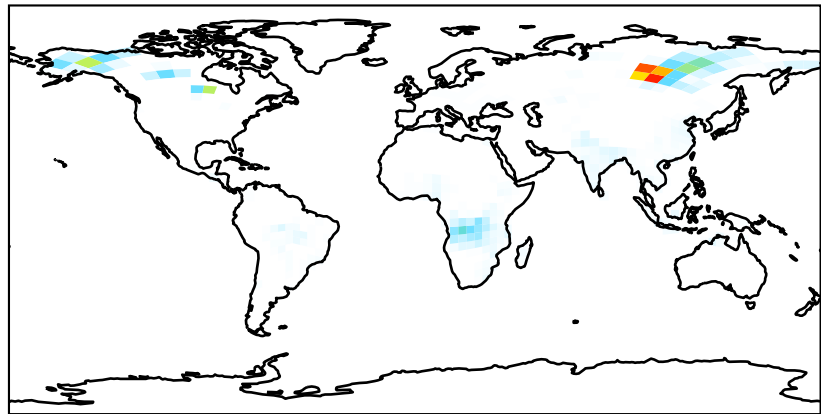


# EmisOCPO\_Total

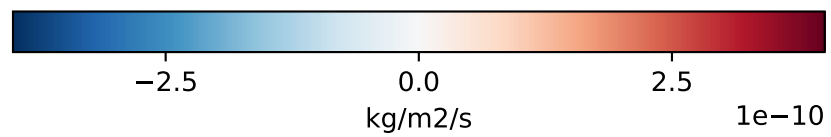
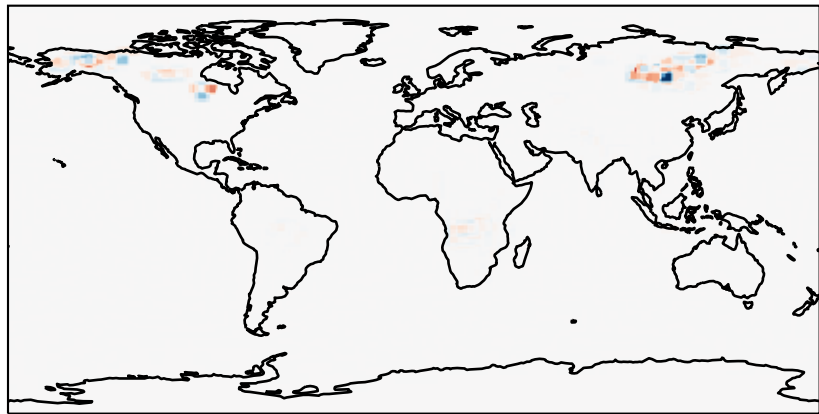
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



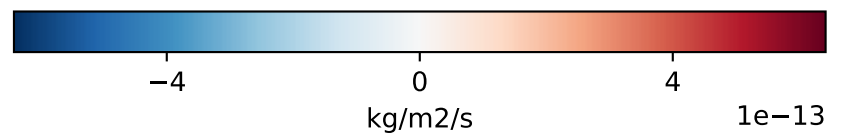
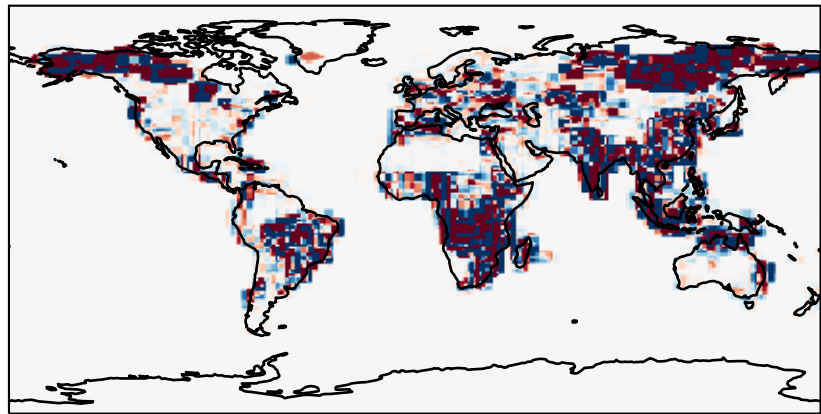
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



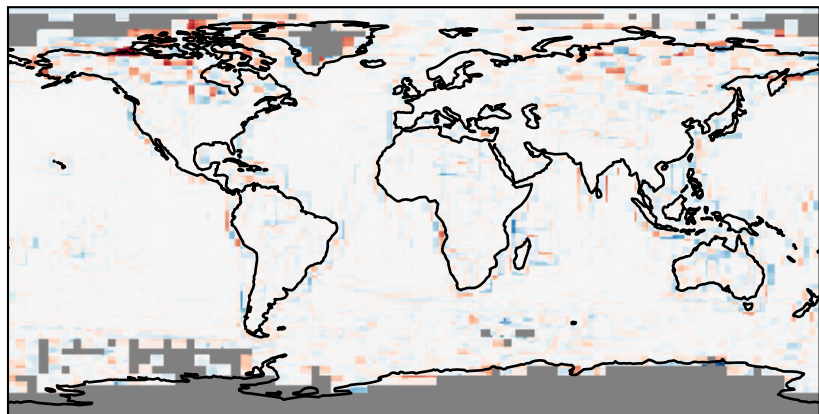
Difference (1x1.25)  
Dev - Ref, Dynamic Range



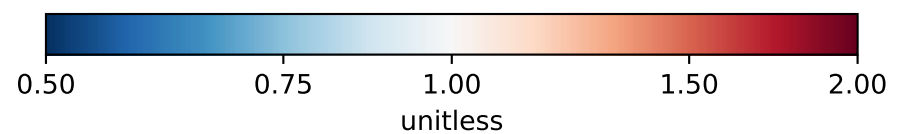
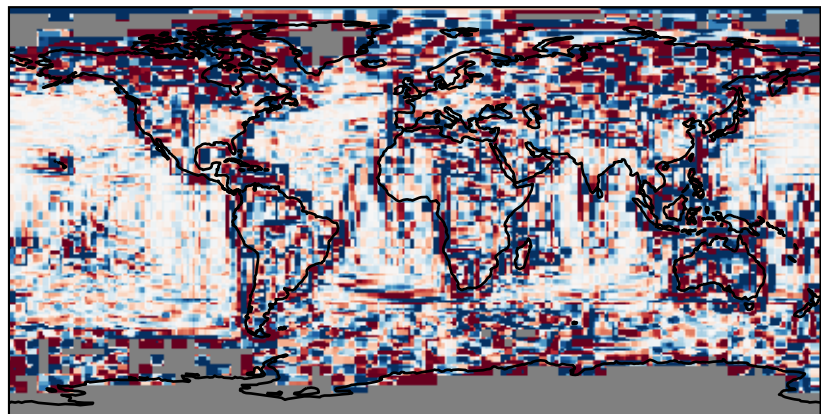
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

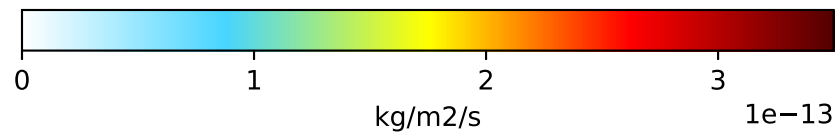
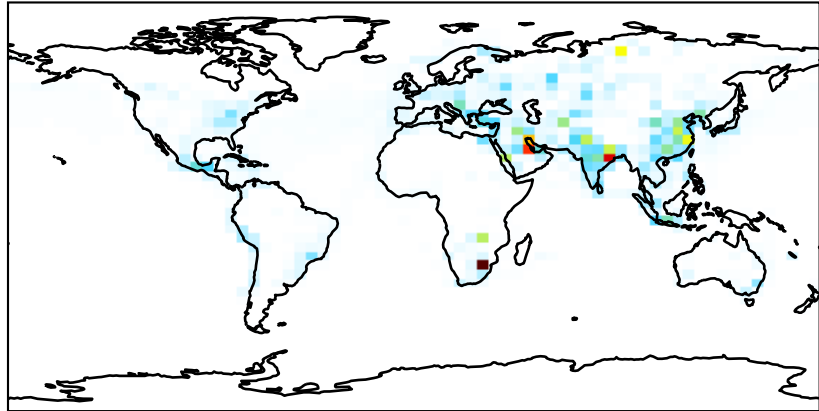


Ratio (1x1.25)  
Dev/Ref, Fixed Range

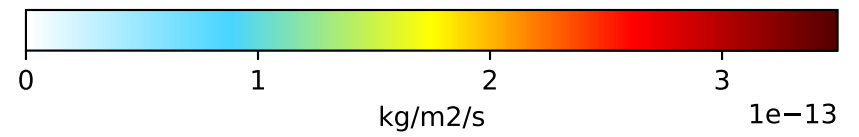
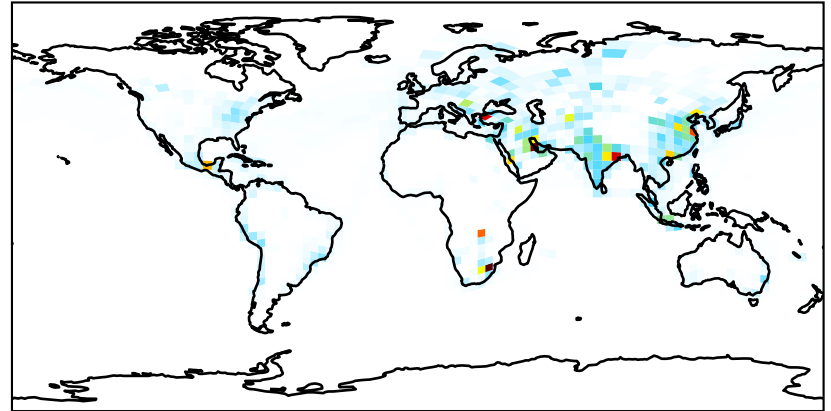


# EmispFe\_Total

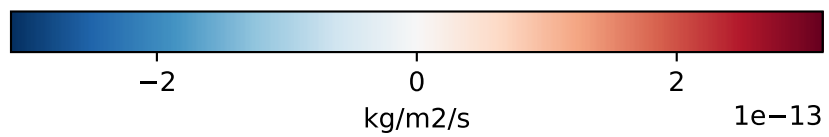
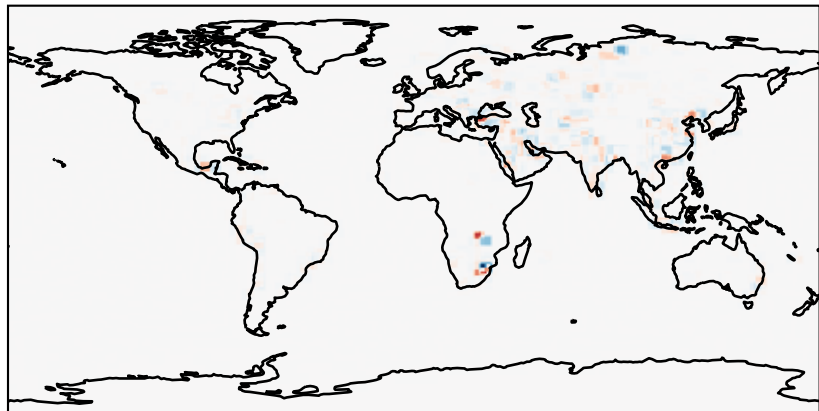
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



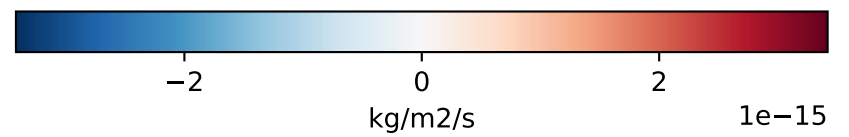
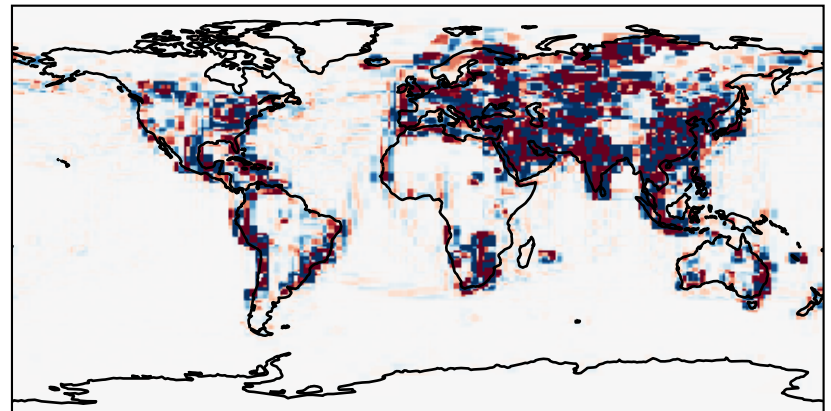
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



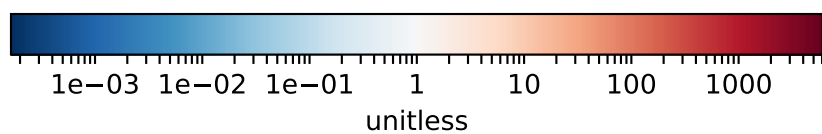
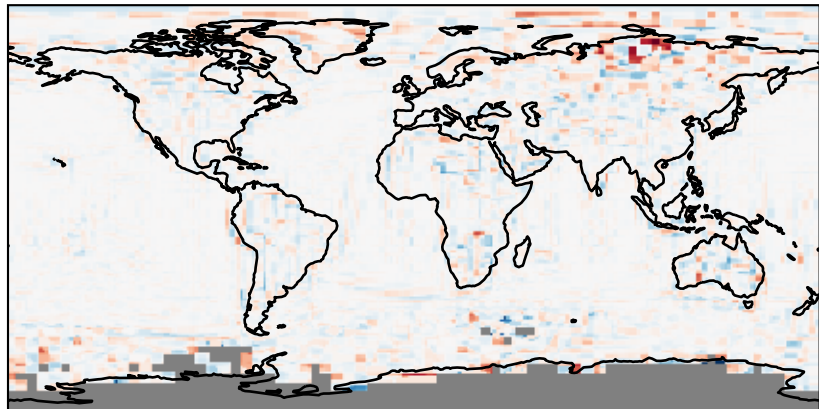
Difference (1x1.25)  
Dev - Ref, Dynamic Range



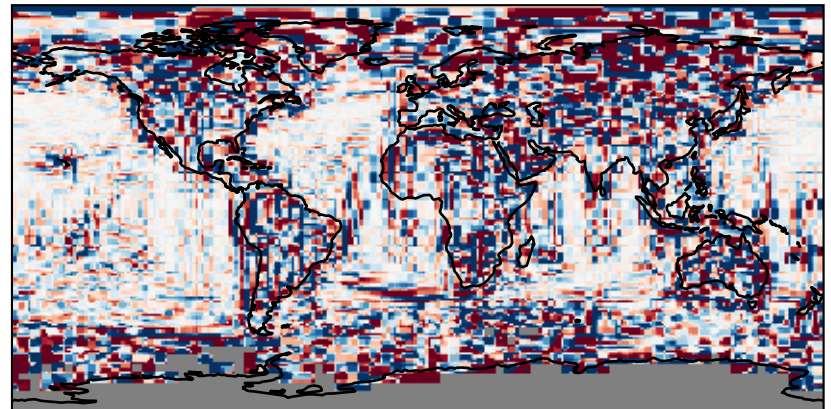
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

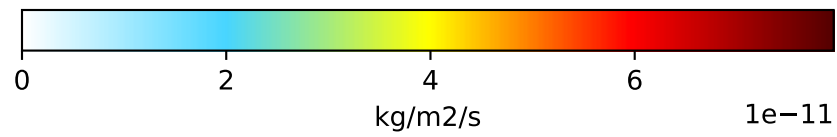
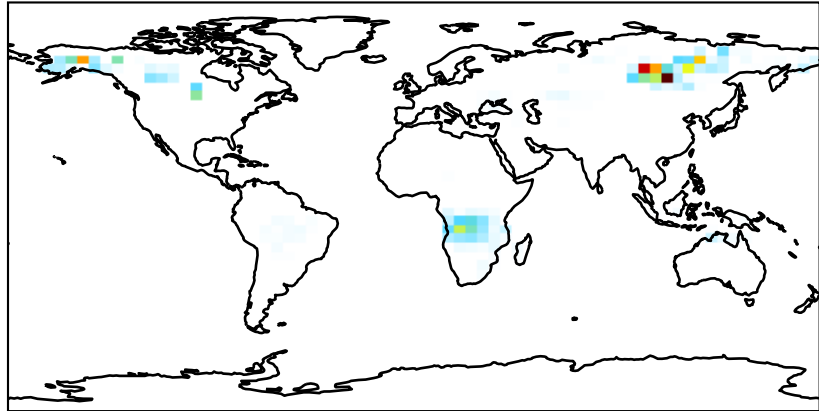


Ratio (1x1.25)  
Dev/Ref, Fixed Range

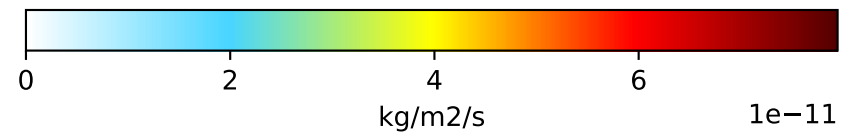
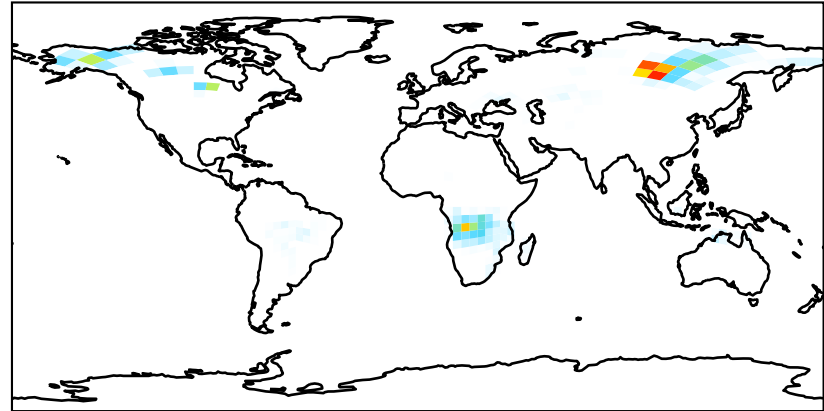


# EmisPHEN\_Total

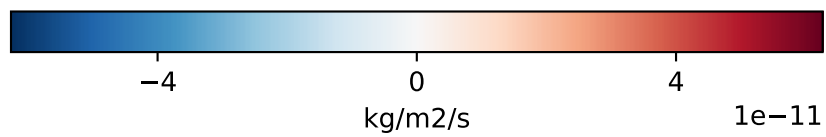
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



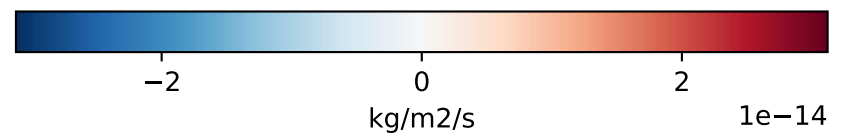
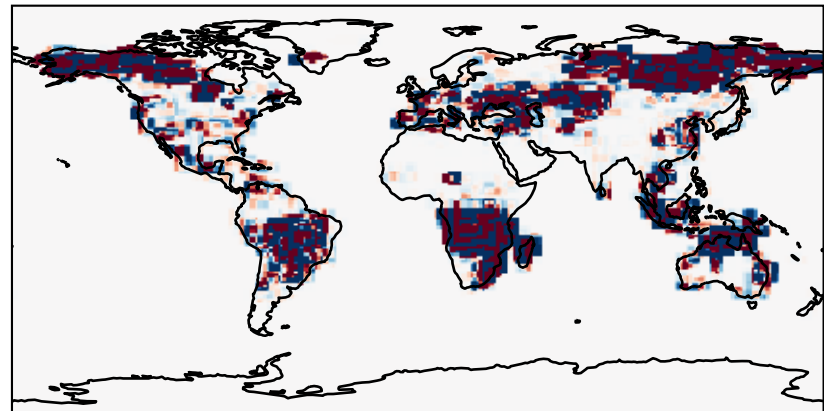
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



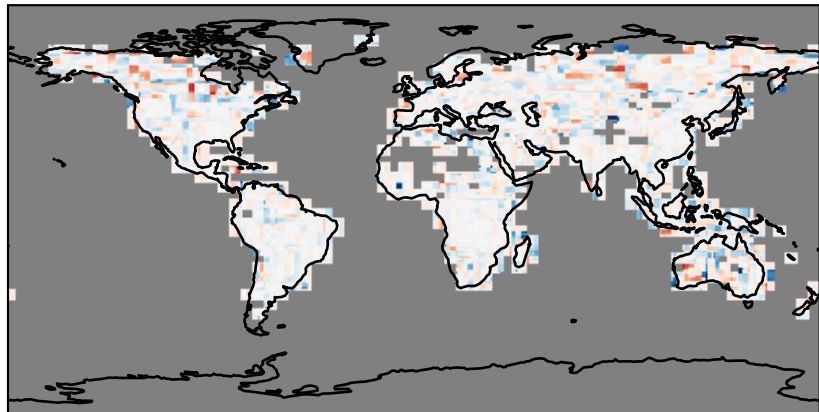
Difference (1x1.25)  
Dev - Ref, Dynamic Range



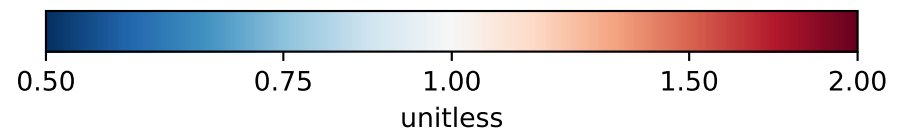
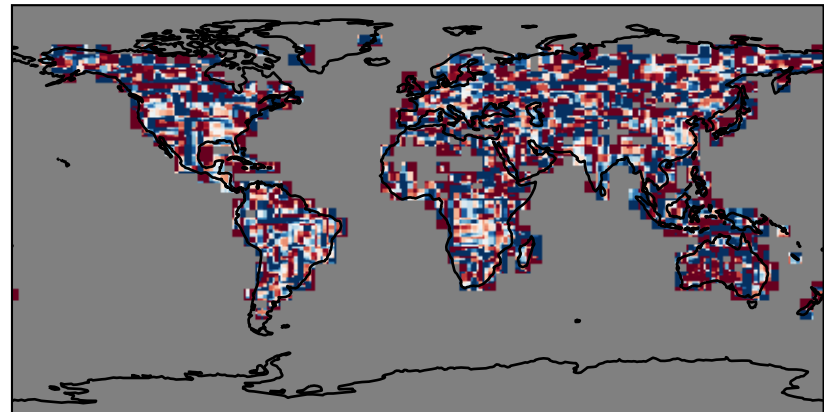
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

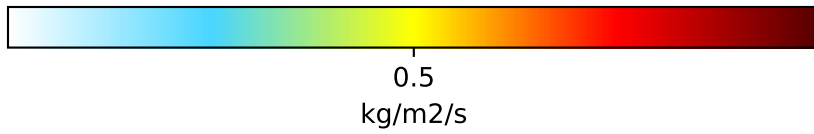


Ratio (1x1.25)  
Dev/Ref, Fixed Range

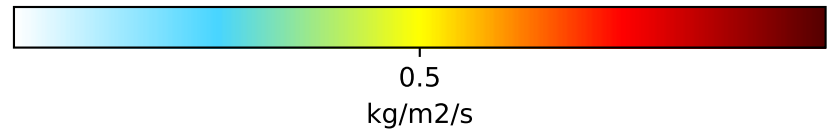
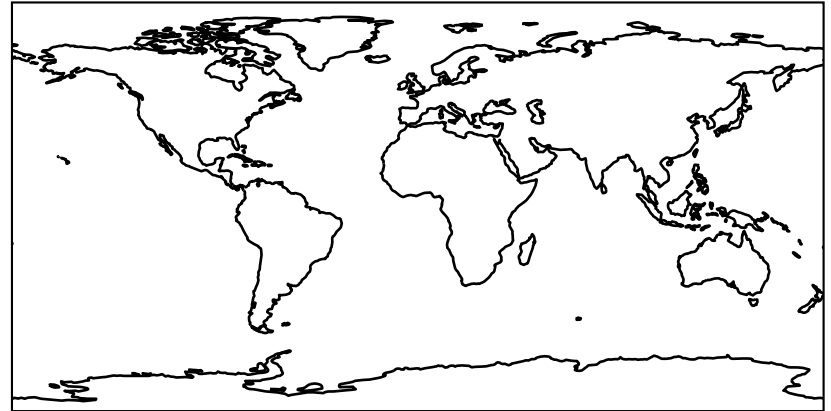


# EmisPOG1\_Total

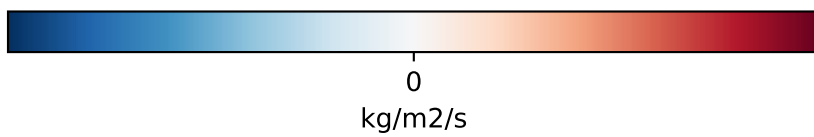
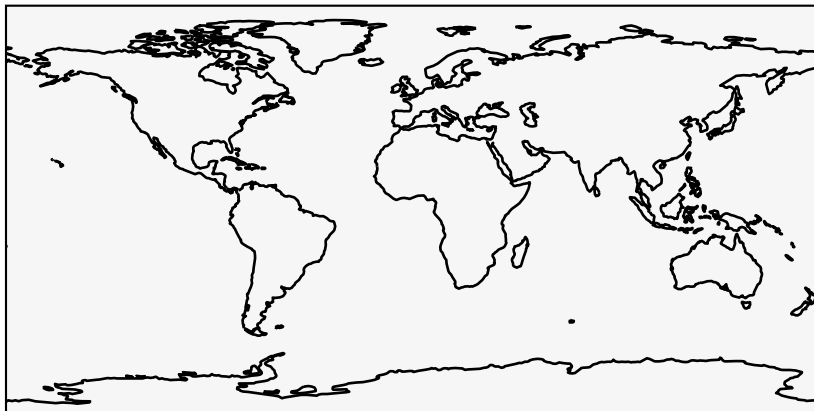
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



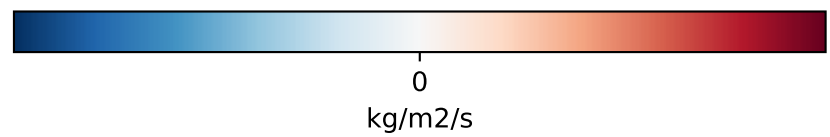
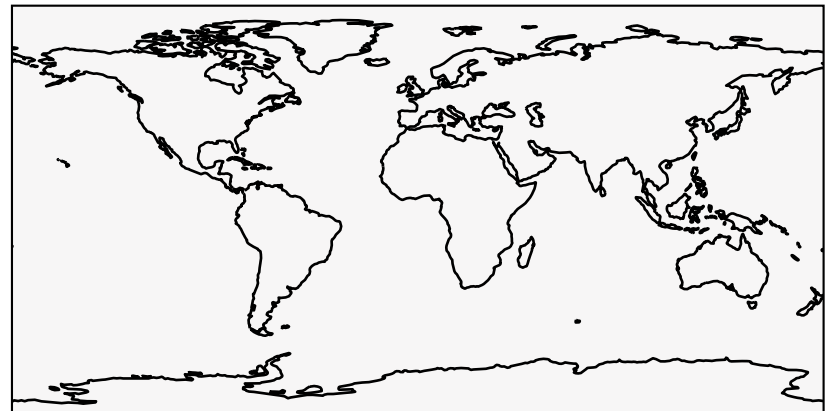
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



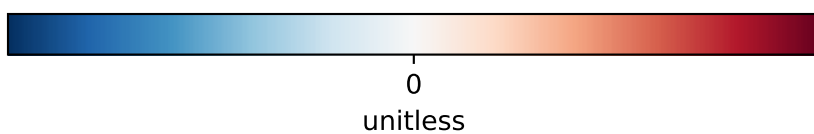
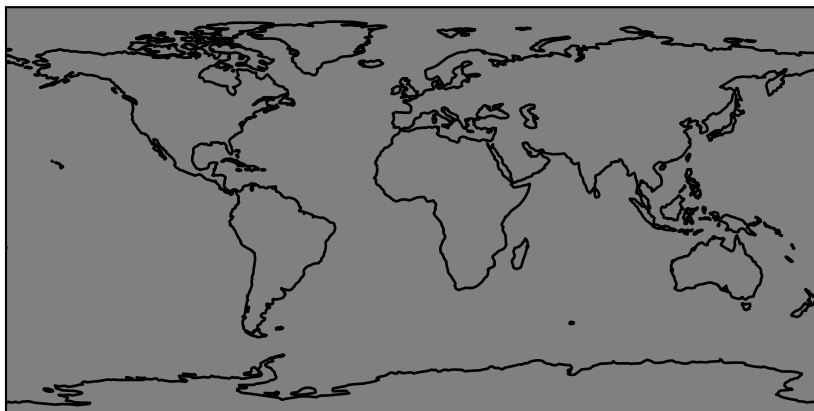
Difference (1x1.25)  
Dev - Ref, Dynamic Range



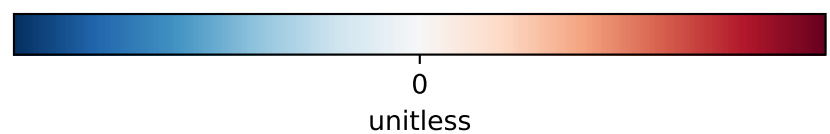
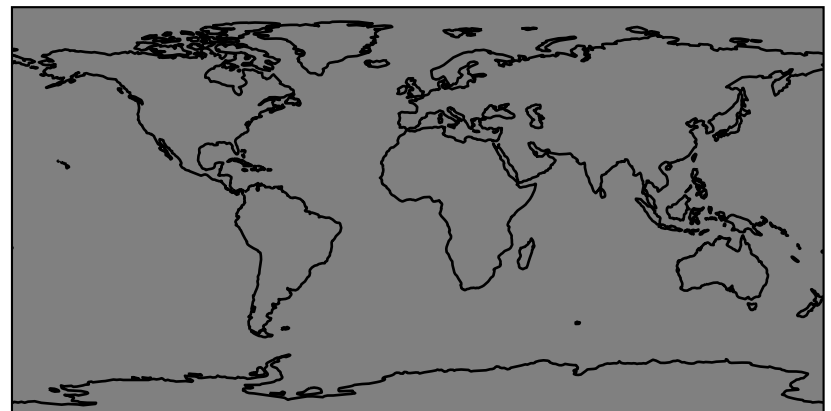
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

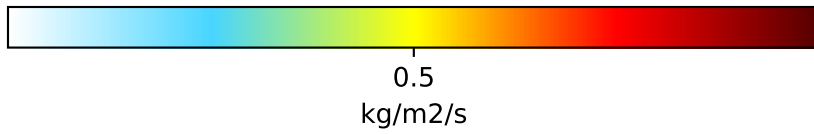


Ratio (1x1.25)  
Dev/Ref, Fixed Range

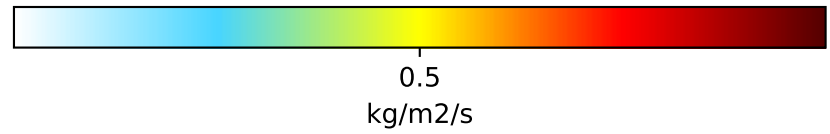


# EmisPOG2\_Total

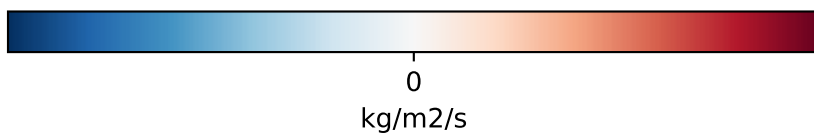
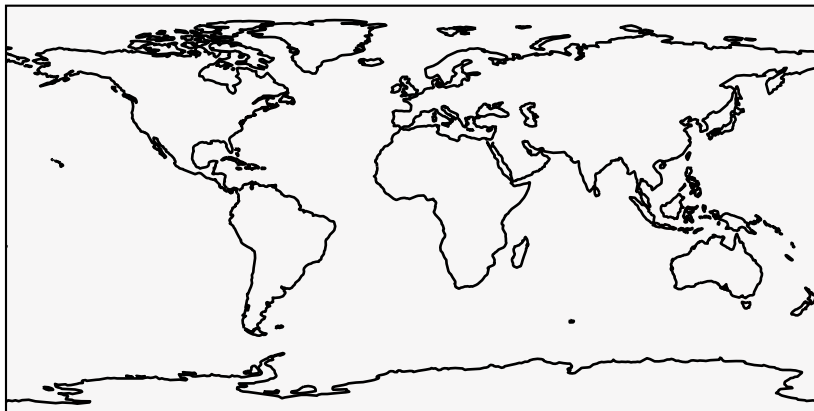
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



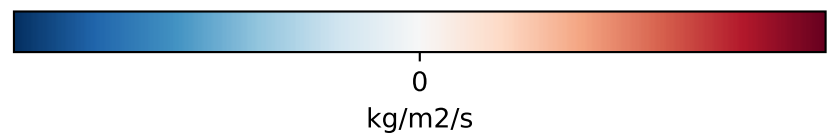
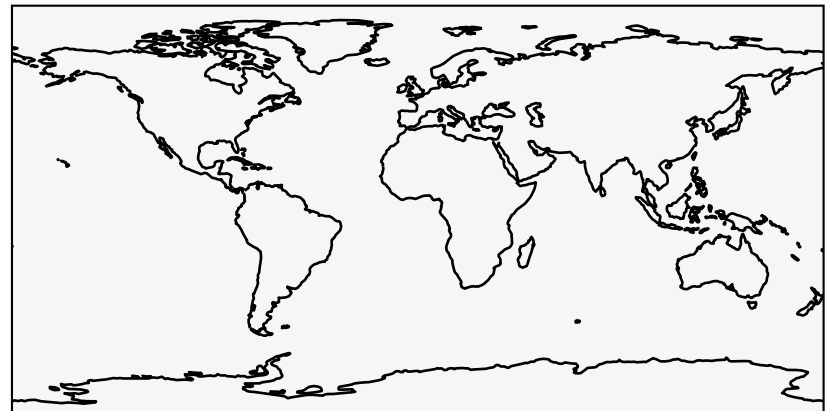
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



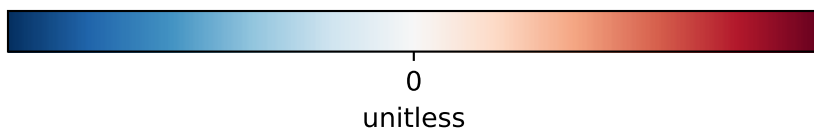
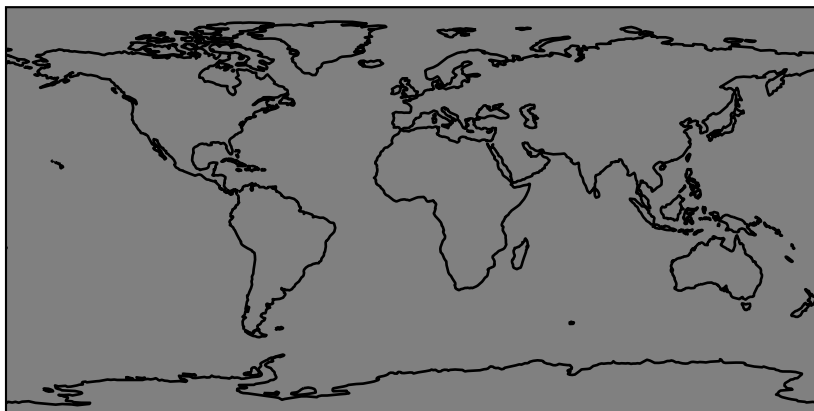
Difference (1x1.25)  
Dev - Ref, Dynamic Range



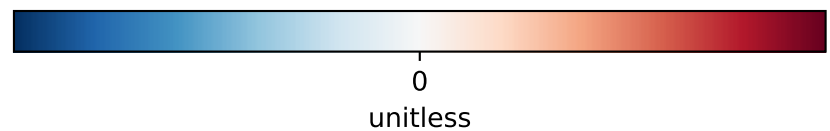
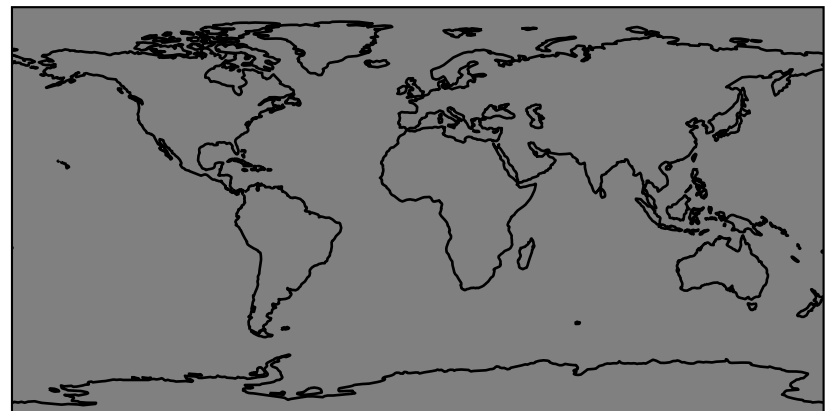
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

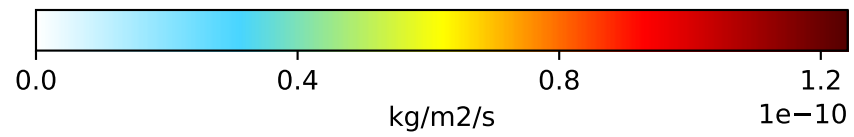
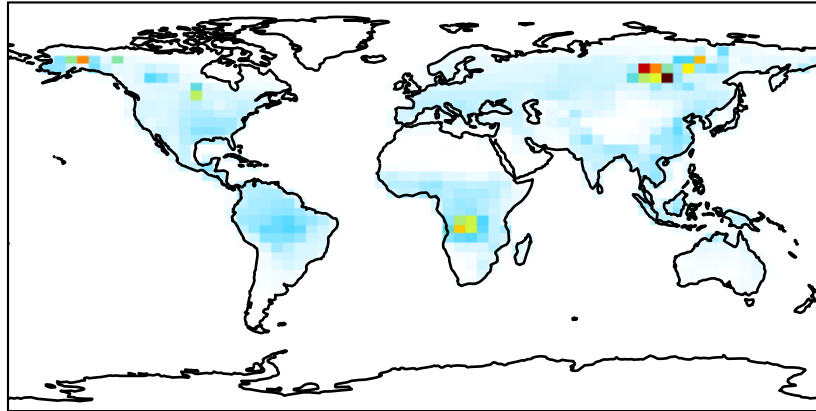


Ratio (1x1.25)  
Dev/Ref, Fixed Range

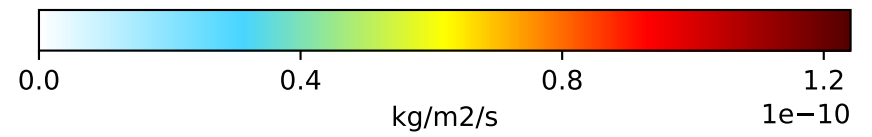
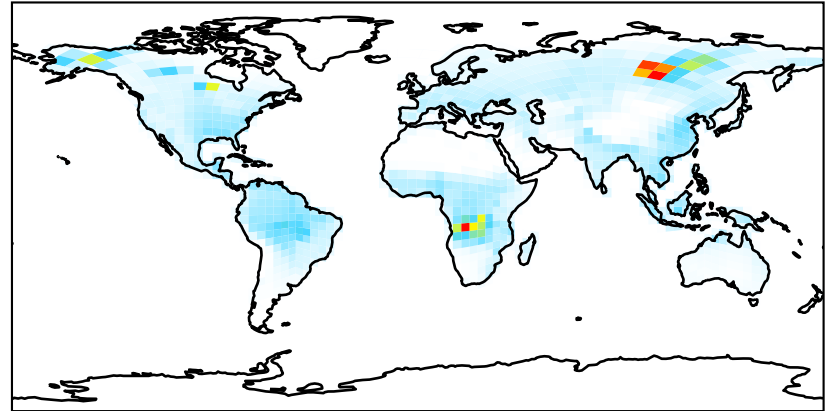


# EmisPRPE\_Total

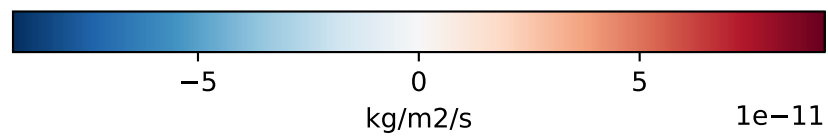
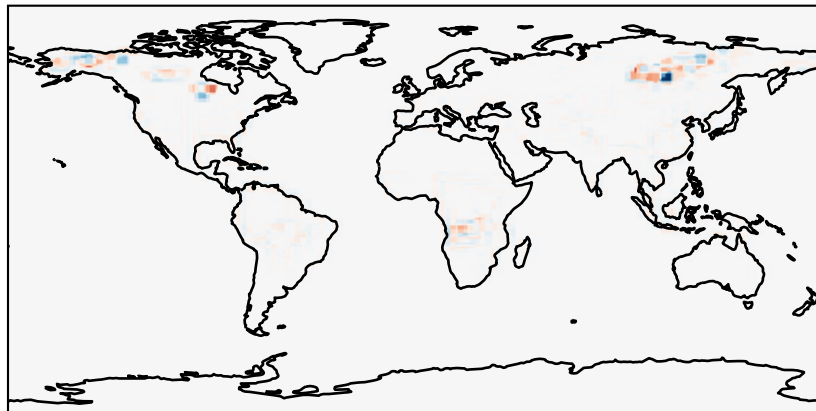
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



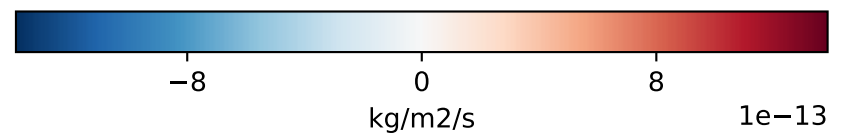
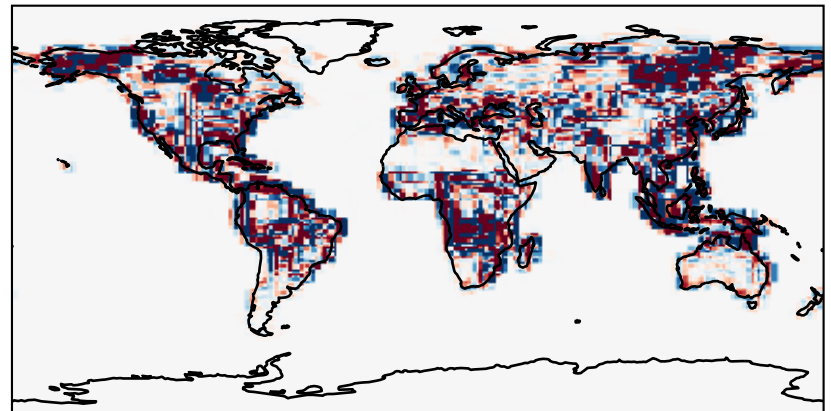
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



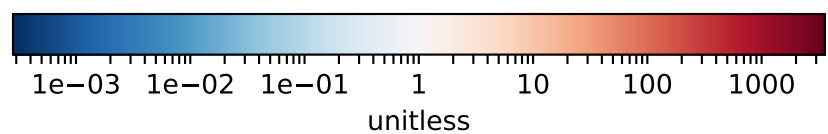
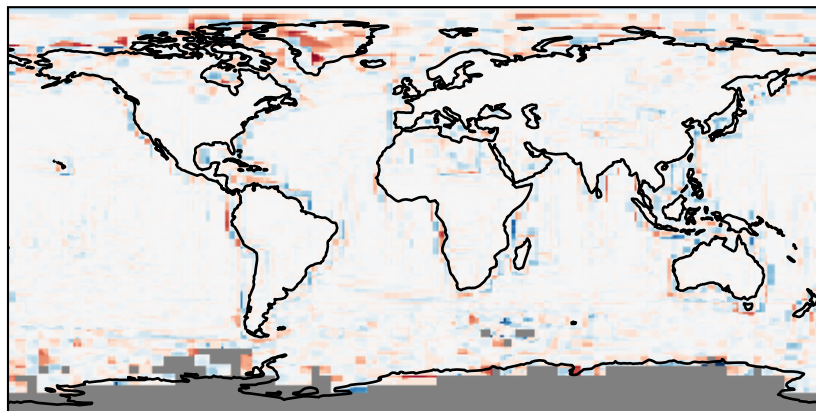
Difference (1x1.25)  
Dev - Ref, Dynamic Range



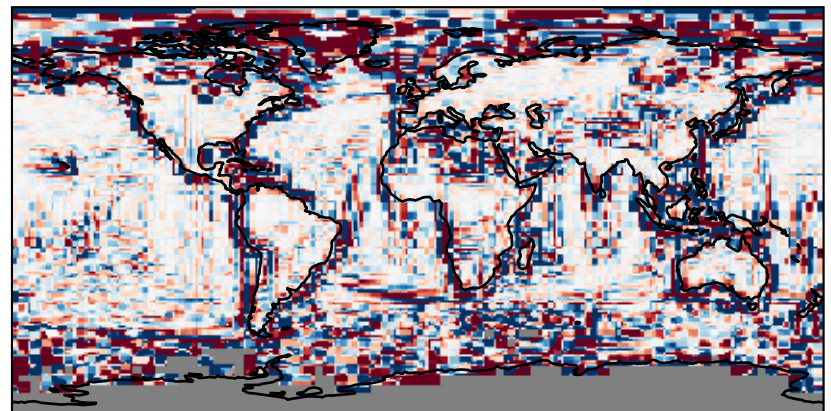
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

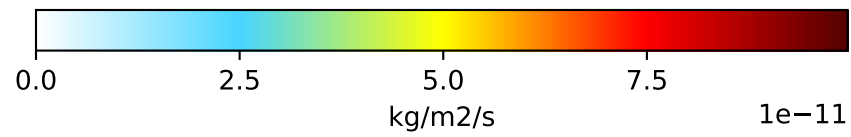
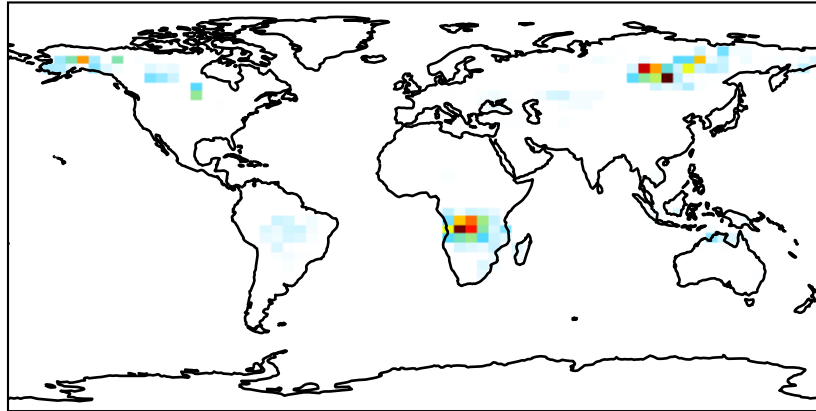


Ratio (1x1.25)  
Dev/Ref, Fixed Range

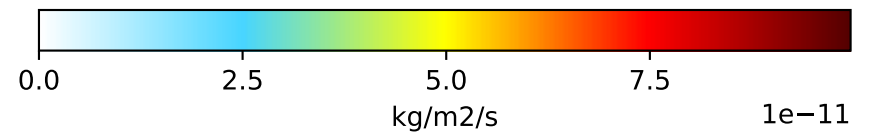
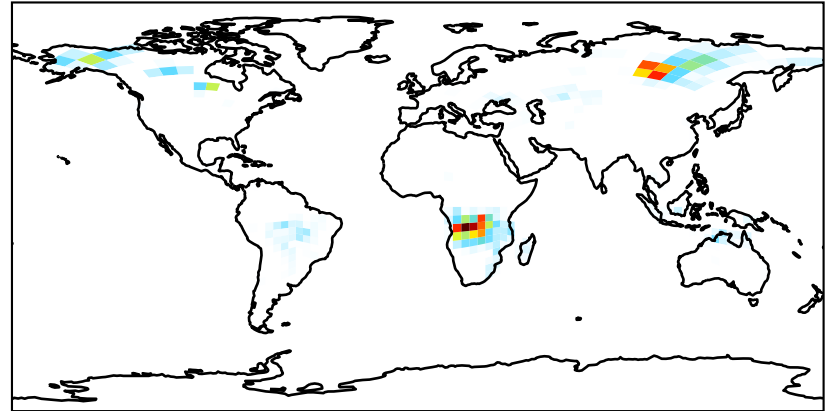


# EmisRCHO\_Total

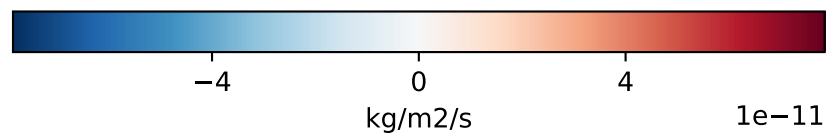
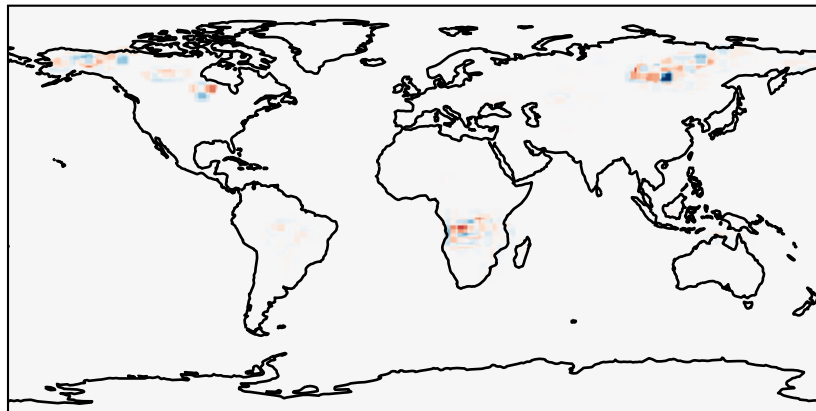
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



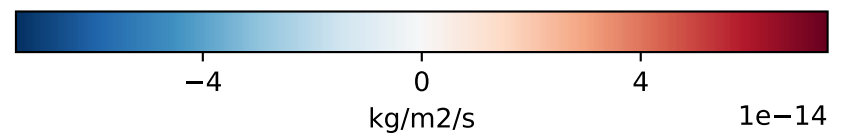
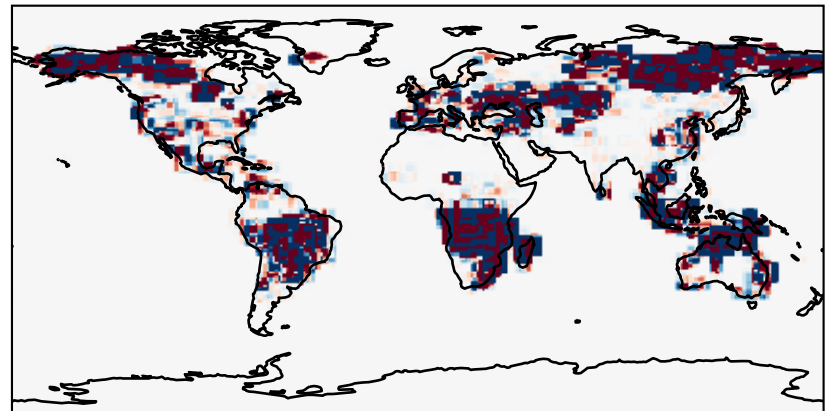
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



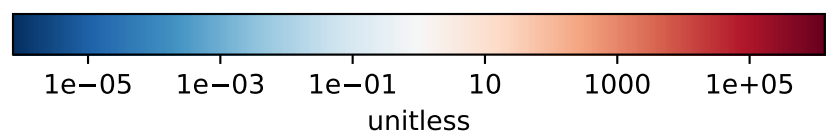
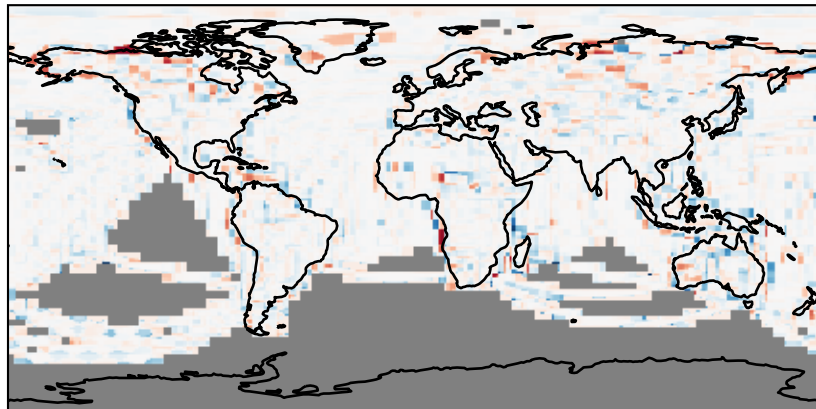
Difference (1x1.25)  
Dev - Ref, Dynamic Range



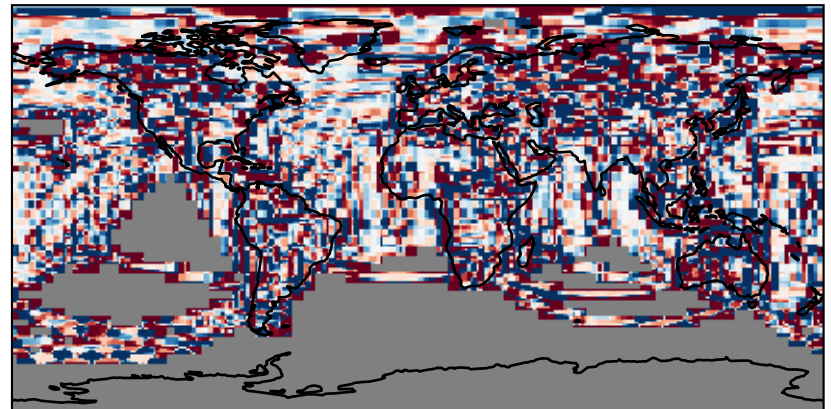
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

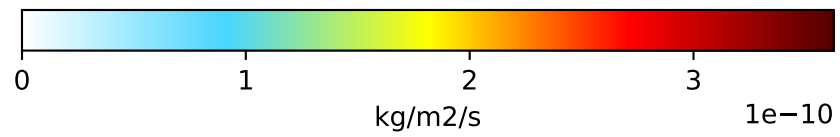
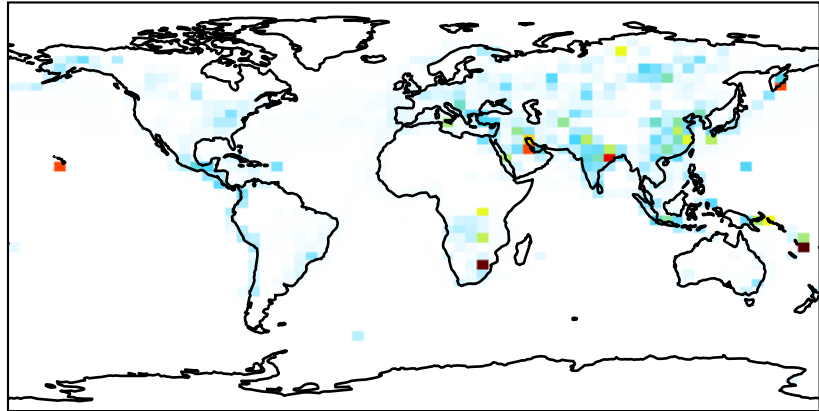


Ratio (1x1.25)  
Dev/Ref, Fixed Range

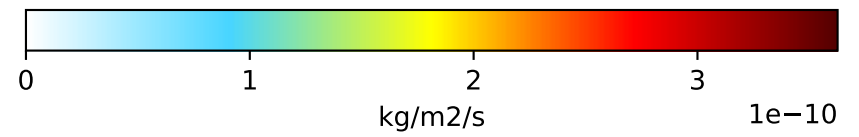
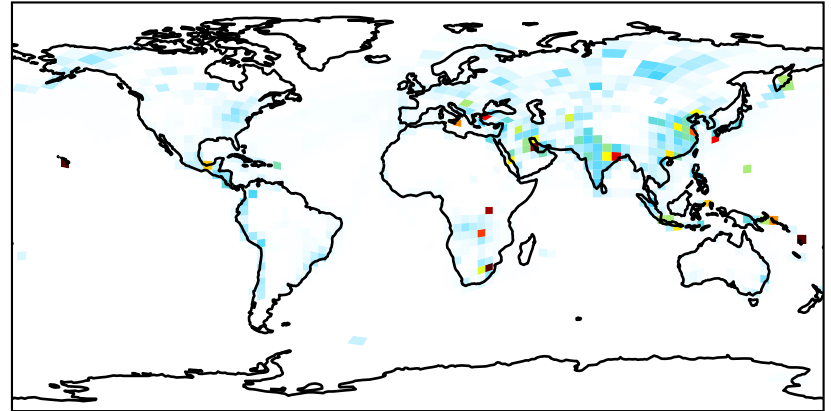


# EmisSO2\_Total

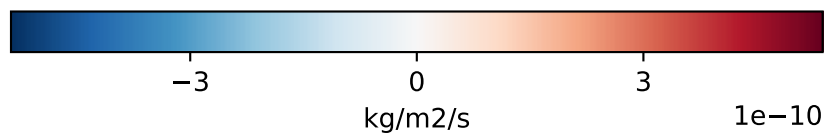
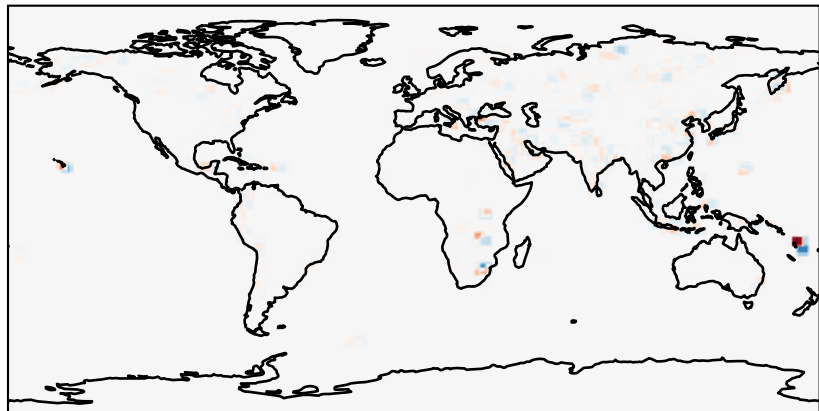
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



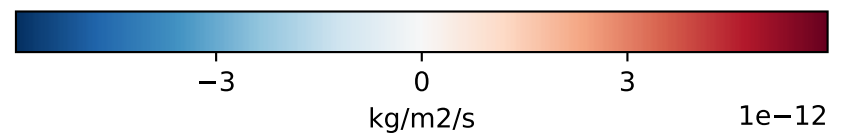
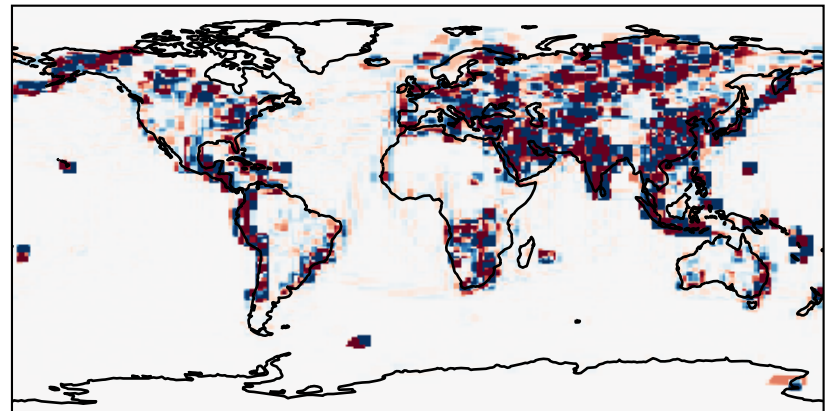
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



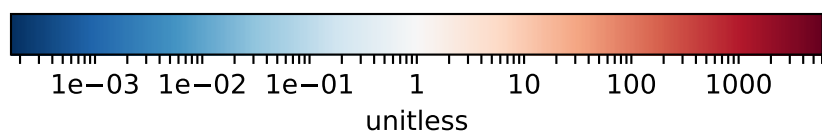
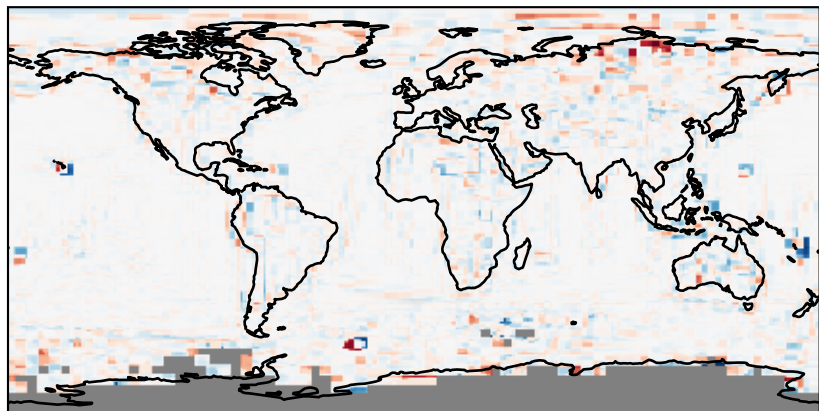
Difference (1x1.25)  
Dev - Ref, Dynamic Range



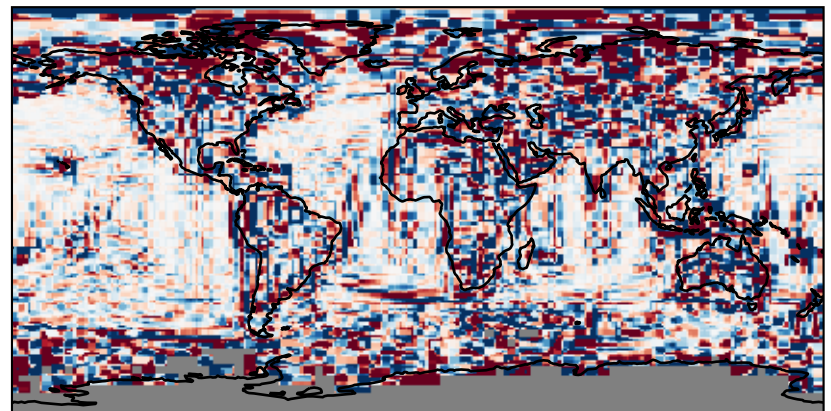
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range



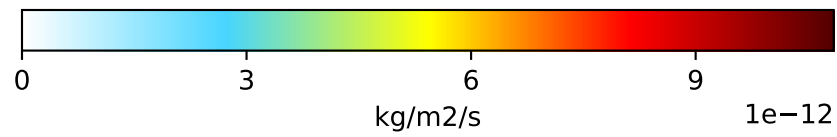
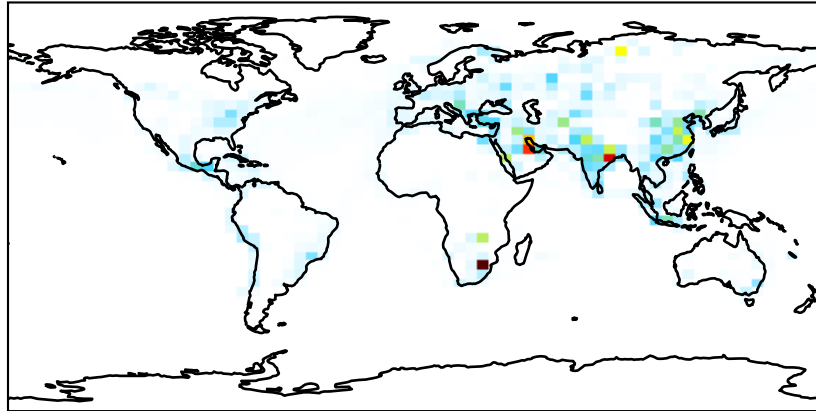
Ratio (1x1.25)  
Dev/Ref, Fixed Range



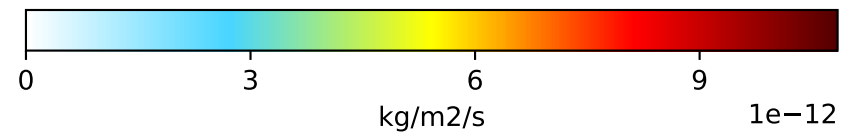
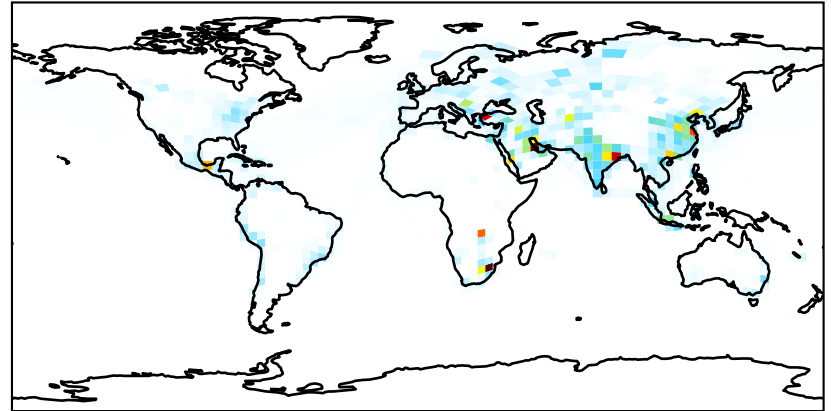


# EmisSO4\_Total

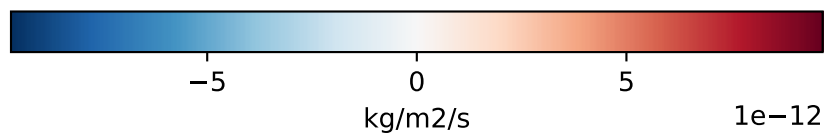
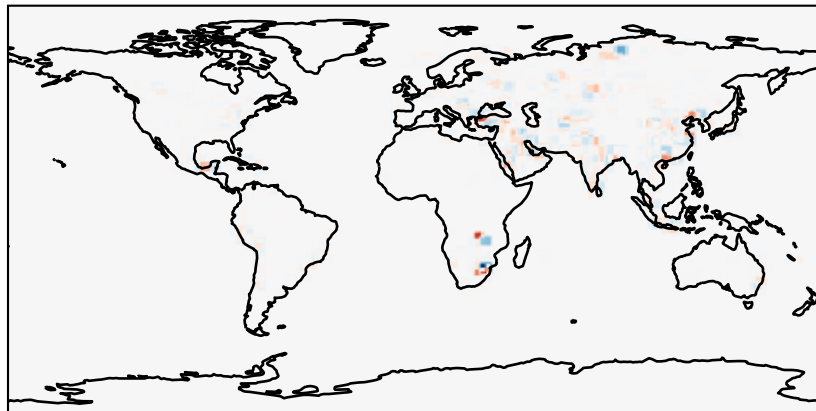
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



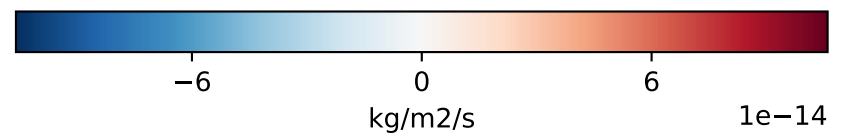
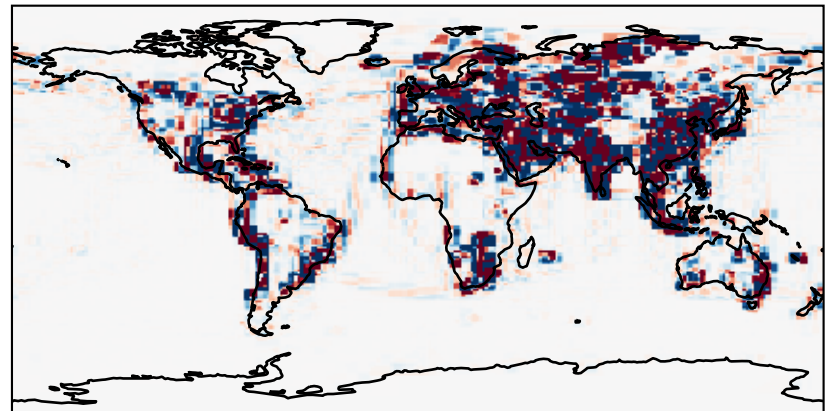
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



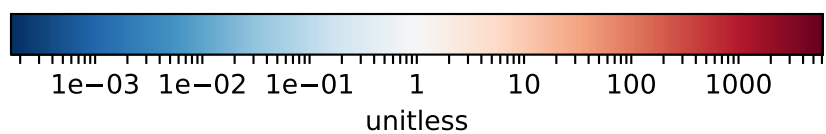
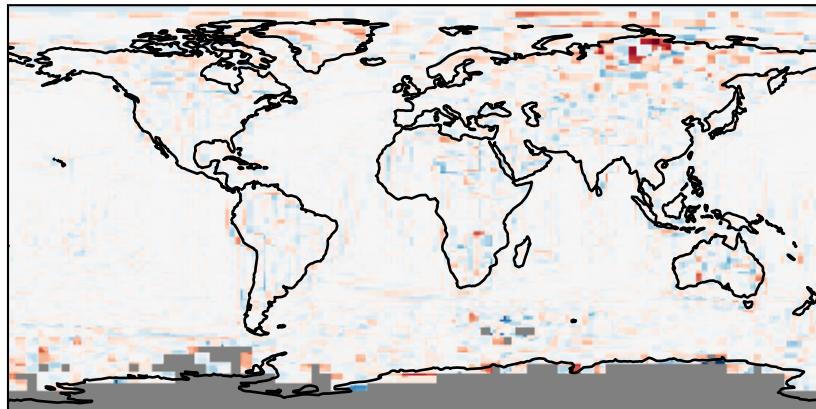
Difference (1x1.25)  
Dev - Ref, Dynamic Range



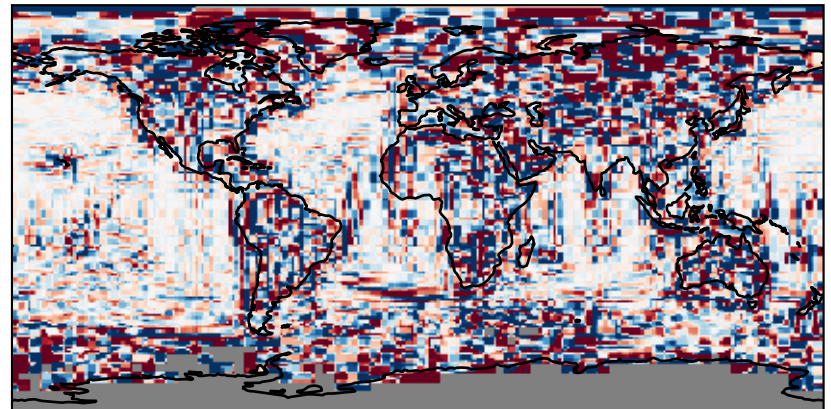
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

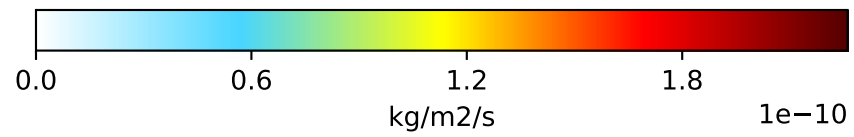
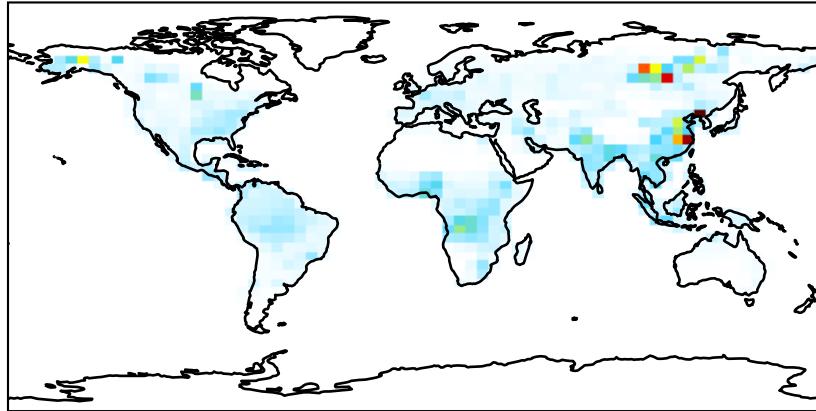


Ratio (1x1.25)  
Dev/Ref, Fixed Range

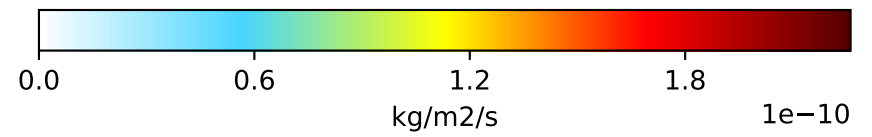
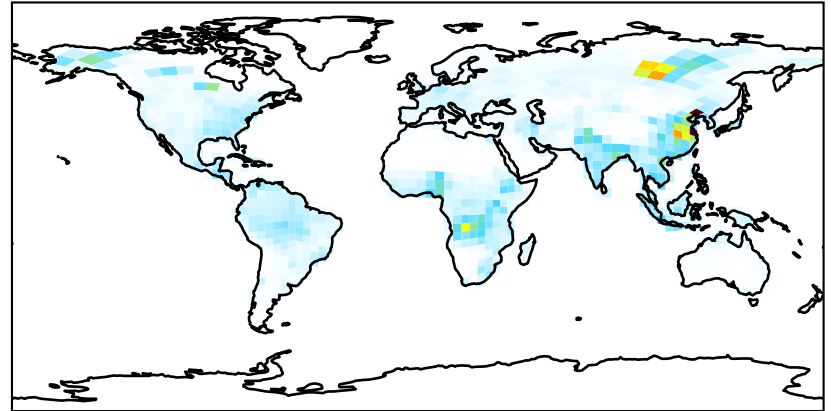


# EmisSOAP\_Total

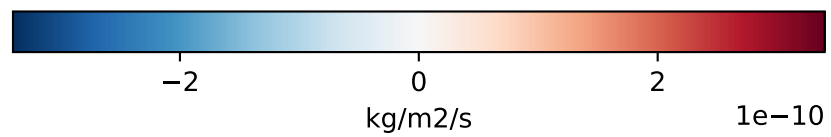
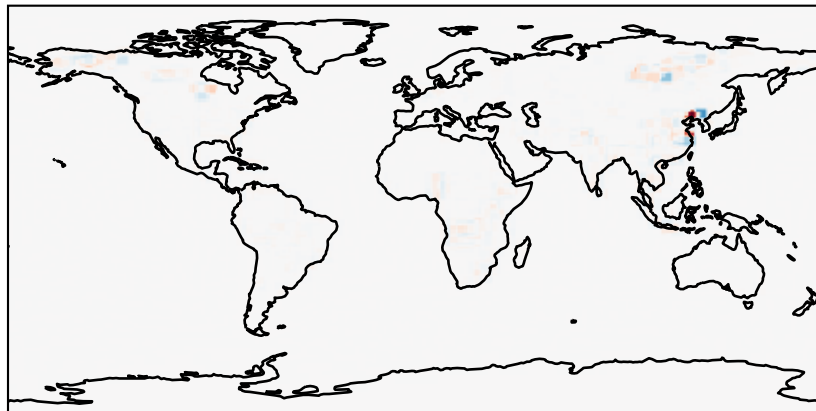
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



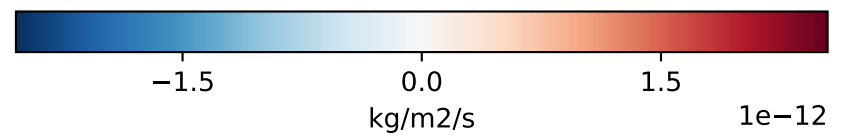
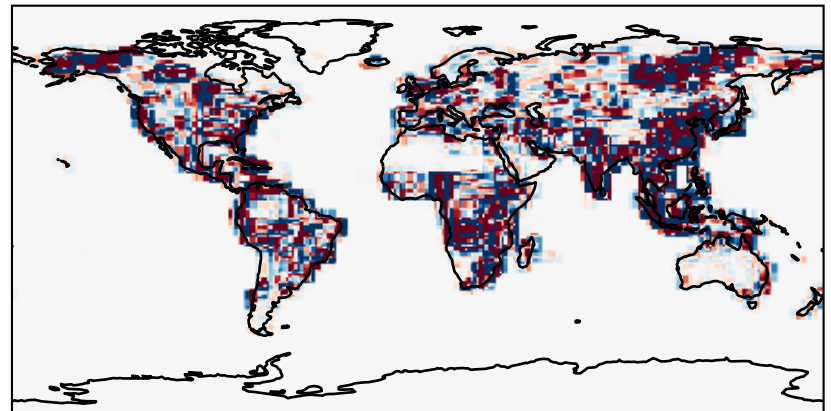
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



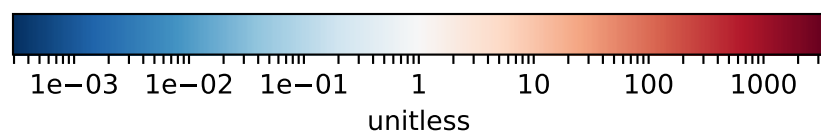
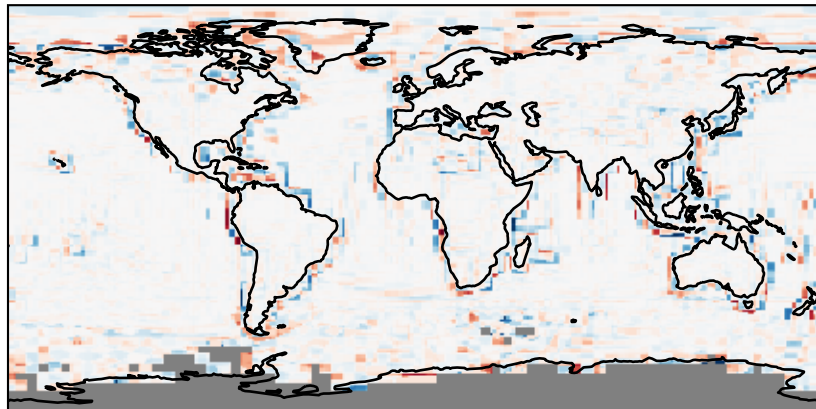
Difference (1x1.25)  
Dev - Ref, Dynamic Range



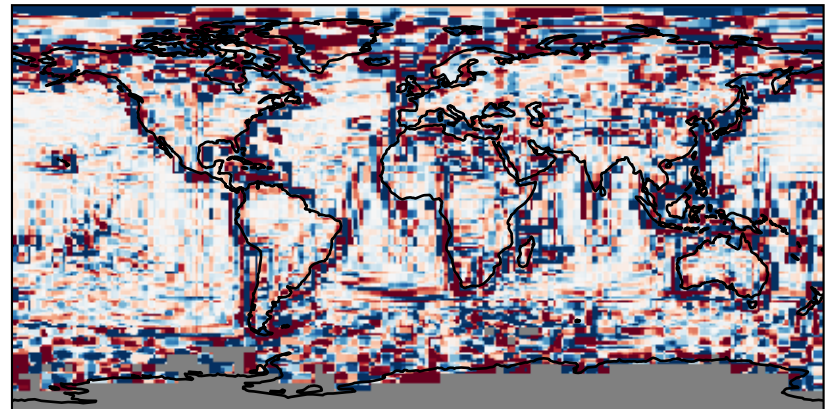
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

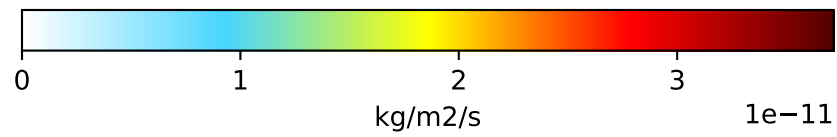
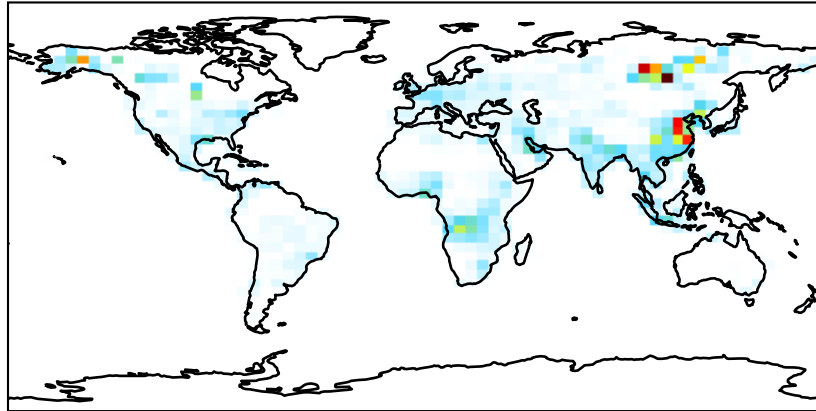


Ratio (1x1.25)  
Dev/Ref, Fixed Range

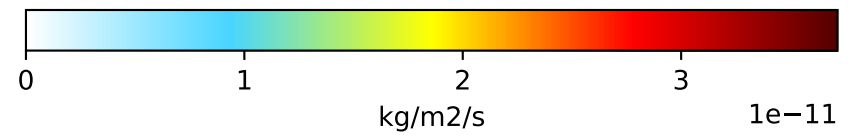
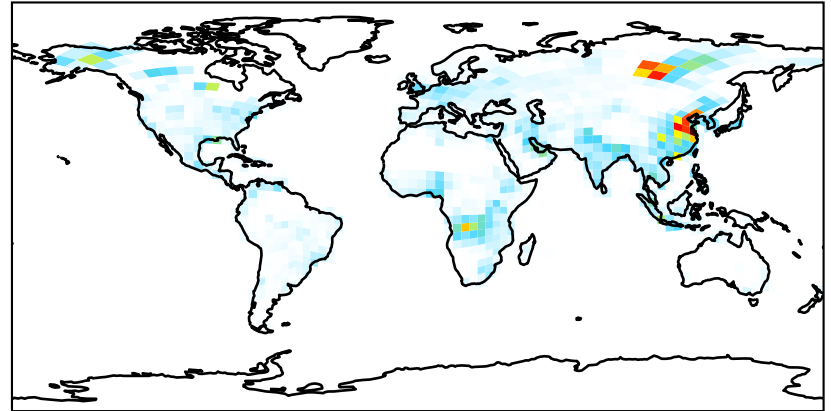


# EmisTOLU\_Total

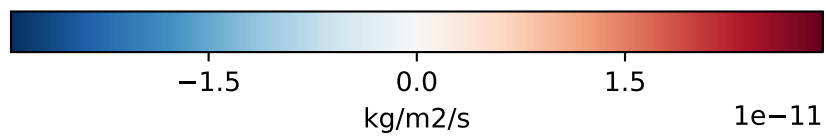
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



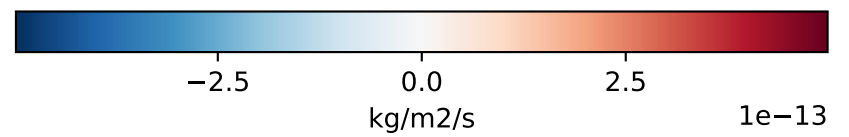
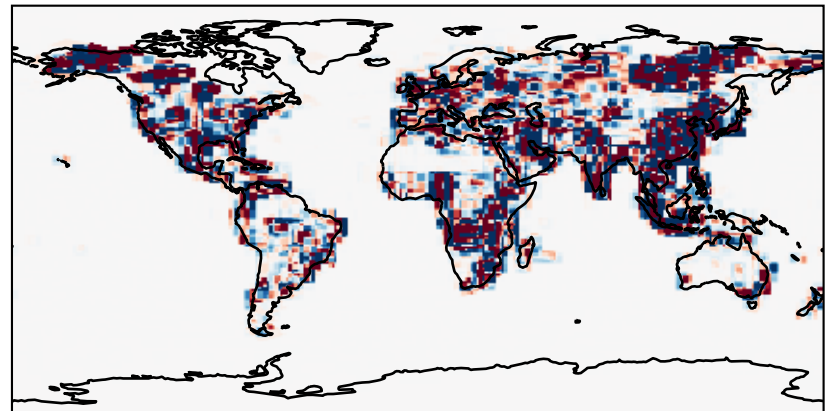
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



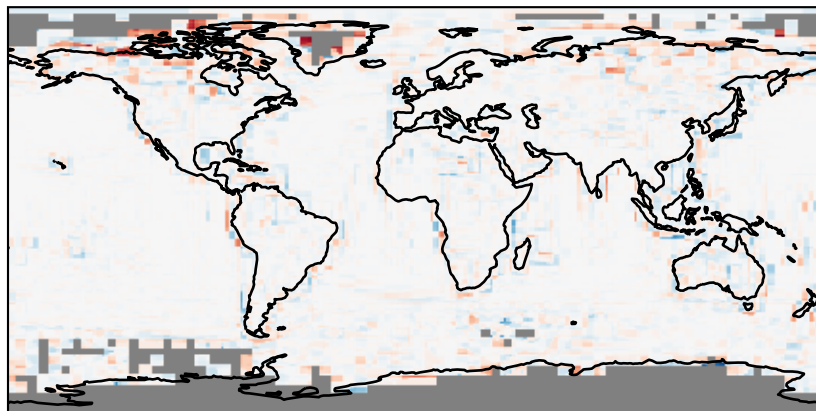
Difference (1x1.25)  
Dev - Ref, Dynamic Range



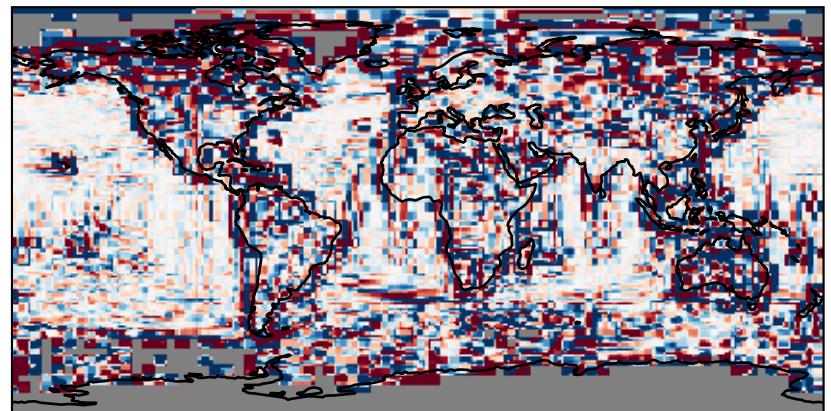
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

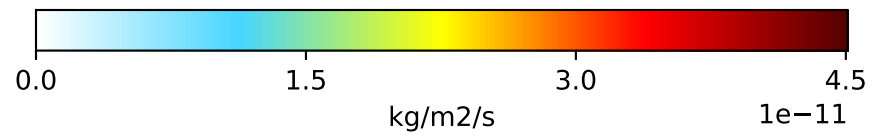
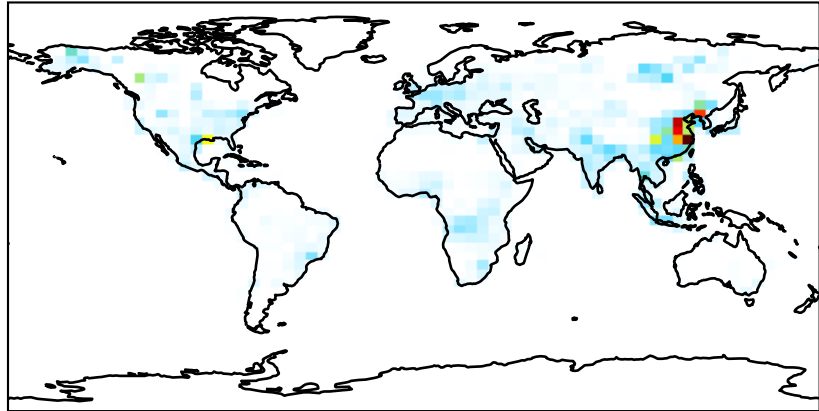


Ratio (1x1.25)  
Dev/Ref, Fixed Range

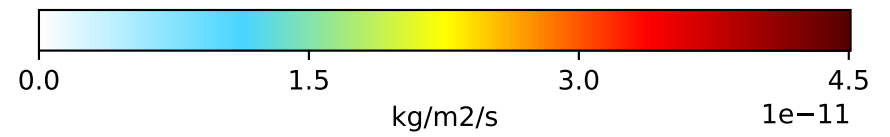
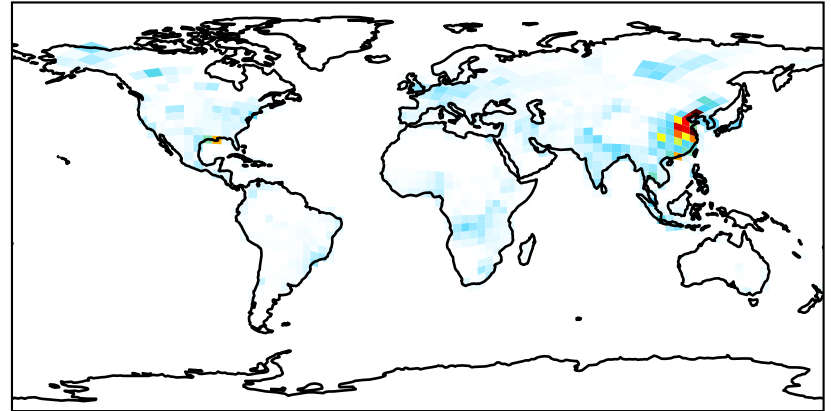


# EmisXYLE\_Total

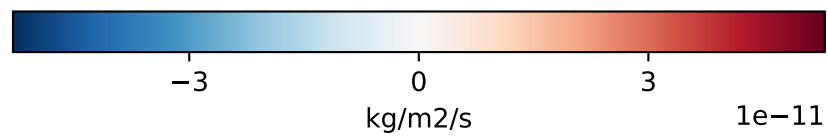
GCC\_14.2.0\_GEOS-FP (Ref)  
4.0x5.0



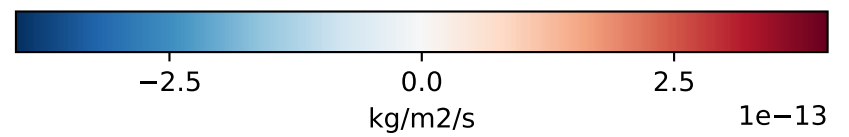
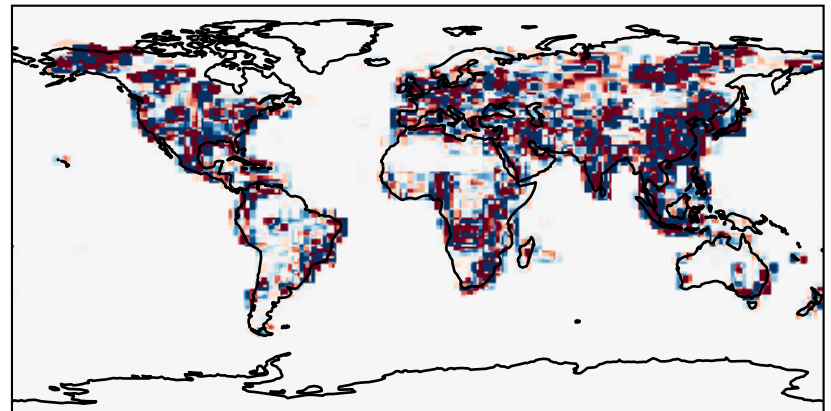
GCHP\_14.2.0\_GEOS-FP (Dev)  
c24



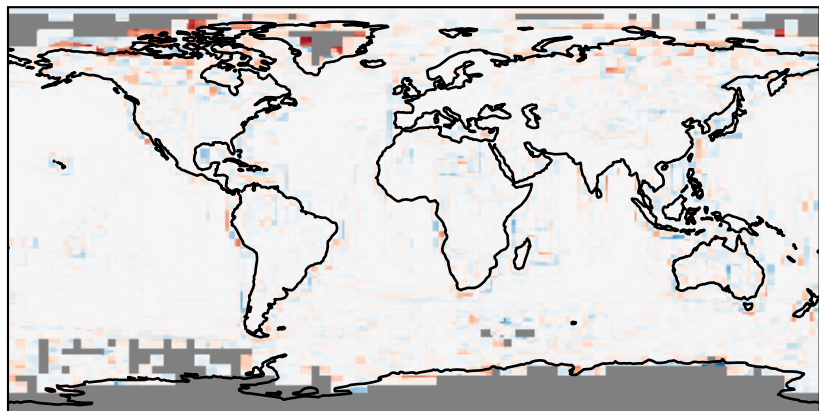
Difference (1x1.25)  
Dev - Ref, Dynamic Range



Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Ratio (1x1.25)  
Dev/Ref, Fixed Range

