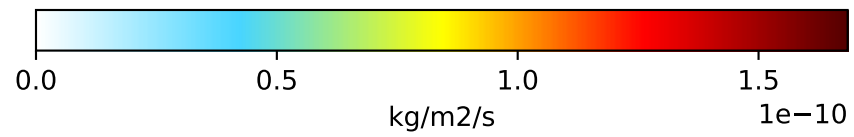
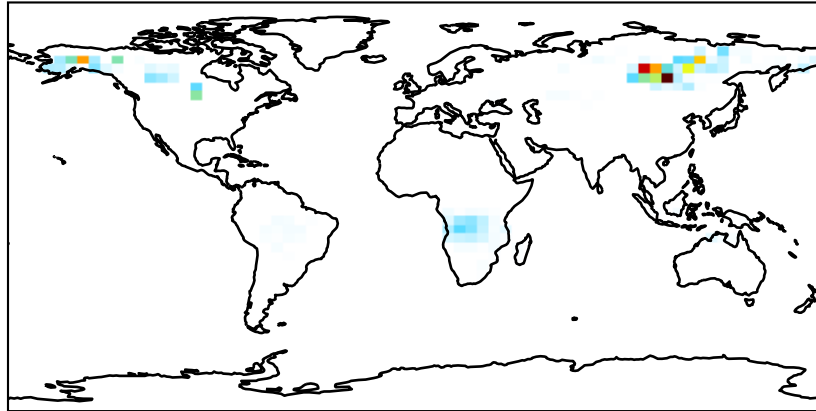
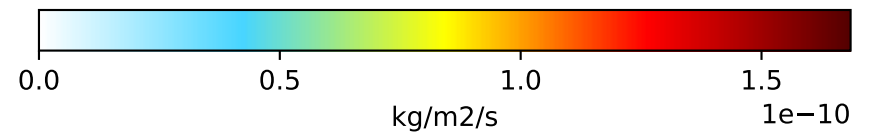
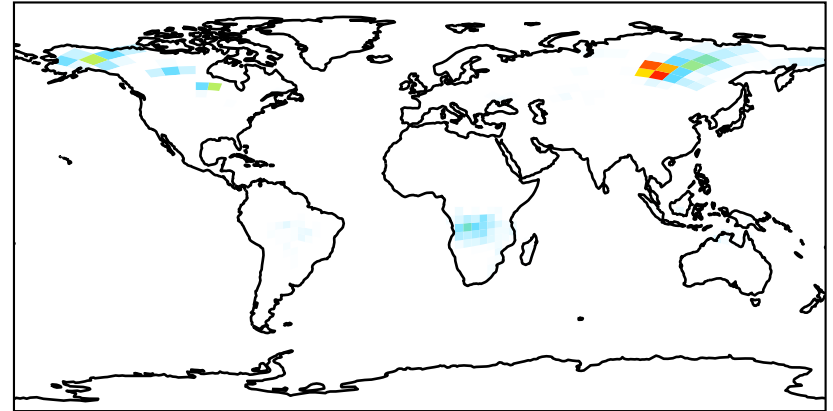


# EmisACET\_BioBurn

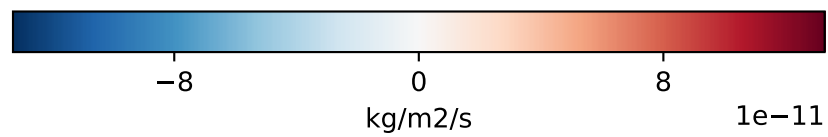
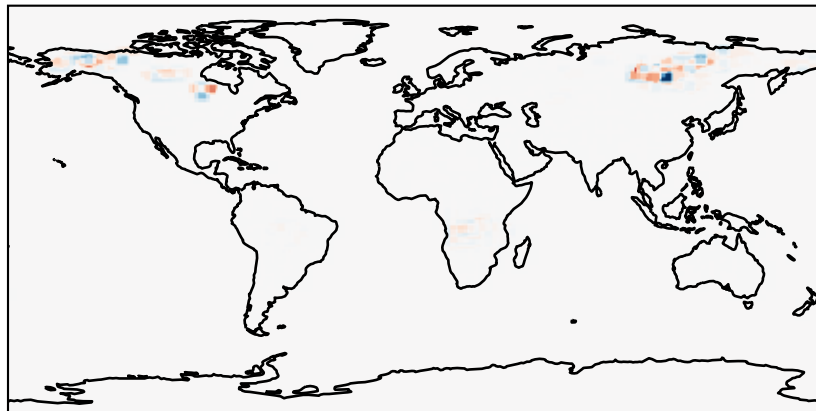
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



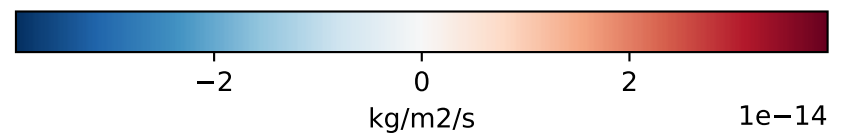
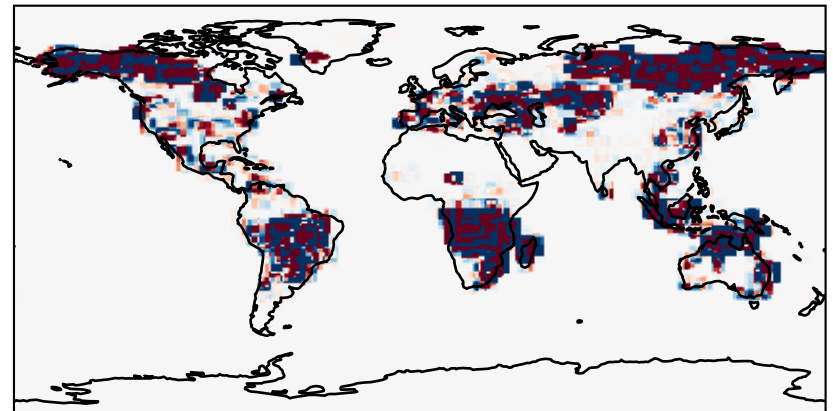
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



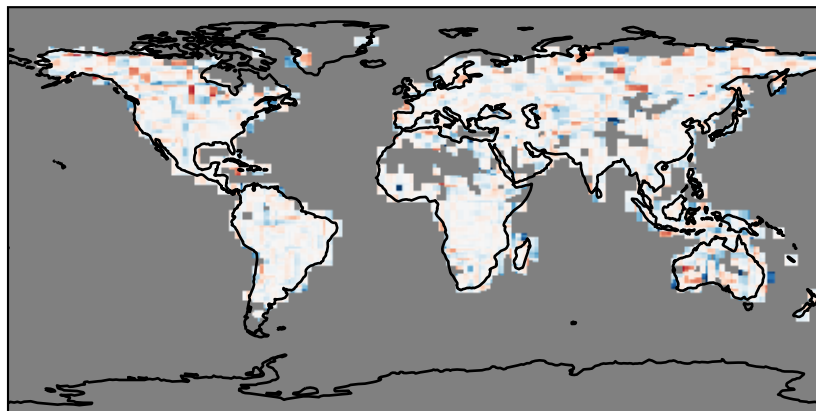
Difference (1x1.25)  
Dev - Ref, Dynamic Range



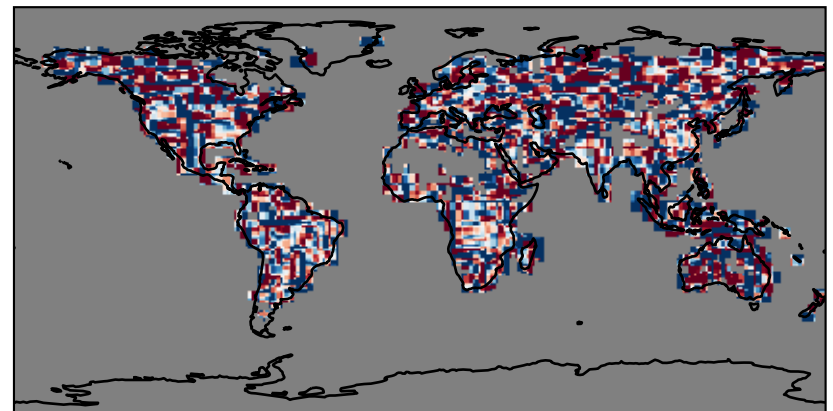
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

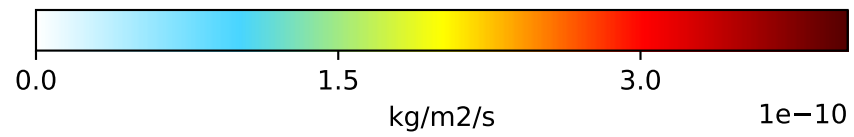
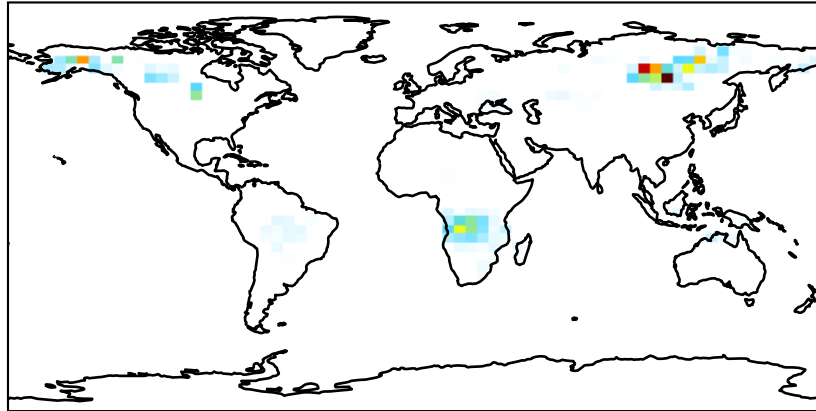


Ratio (1x1.25)  
Dev/Ref, Fixed Range

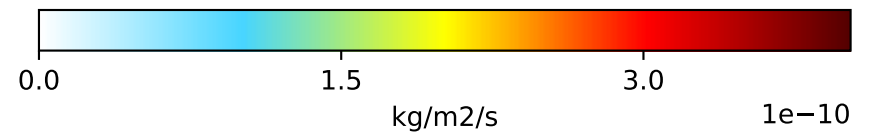
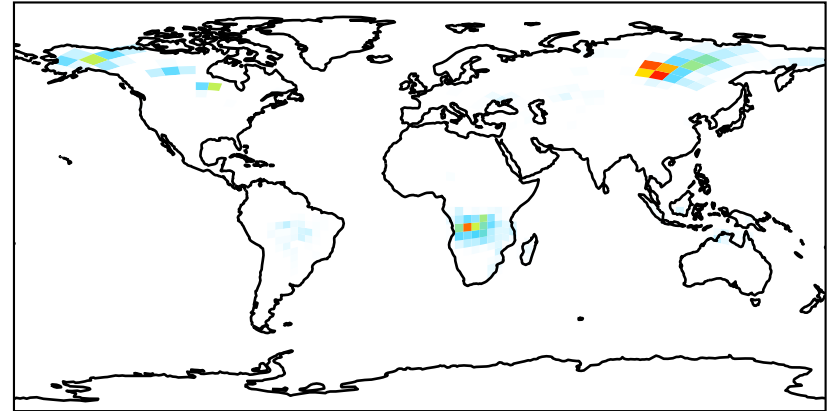


# EmisACTA\_BioBurn

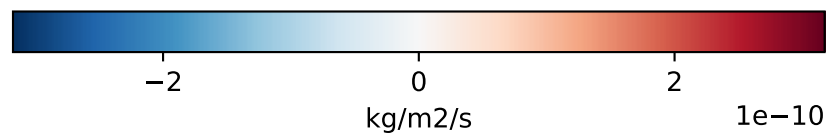
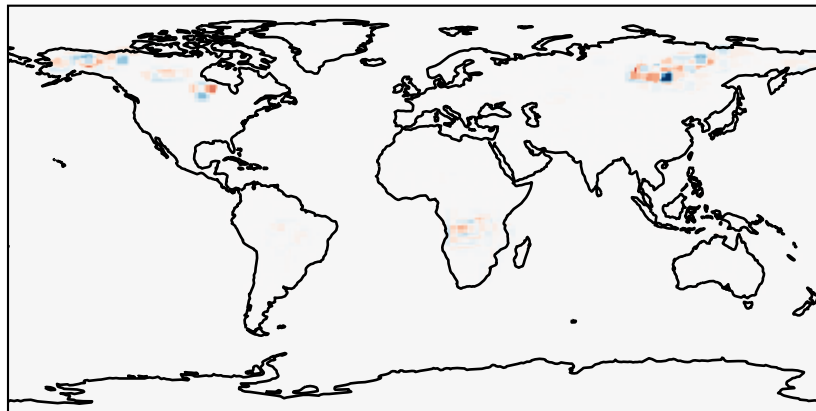
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



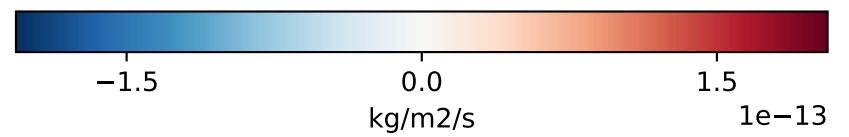
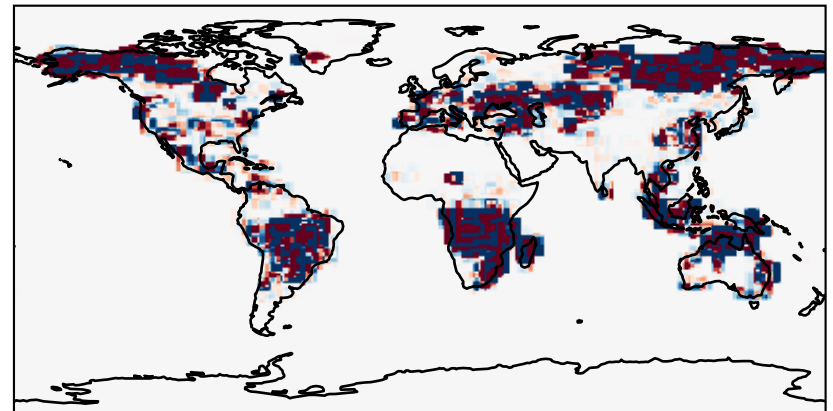
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



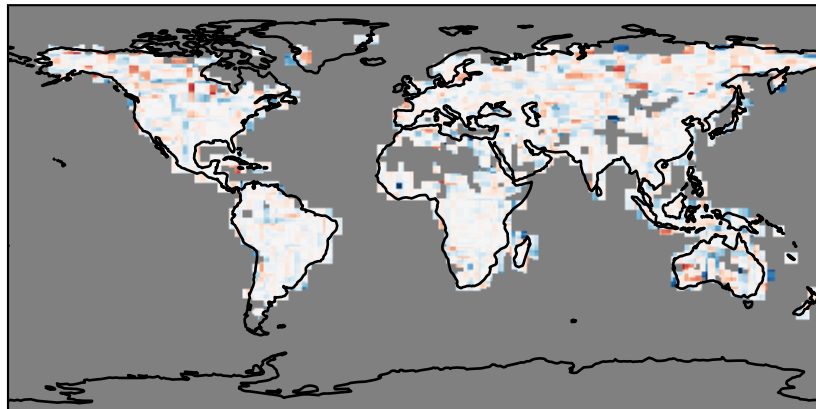
Difference (1x1.25)  
Dev - Ref, Dynamic Range



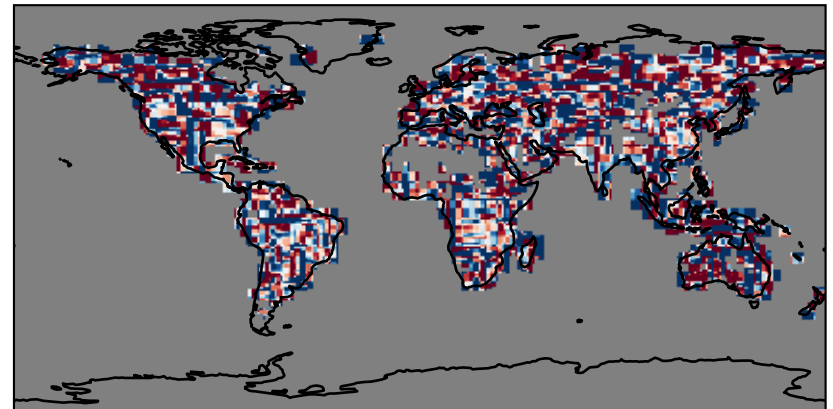
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

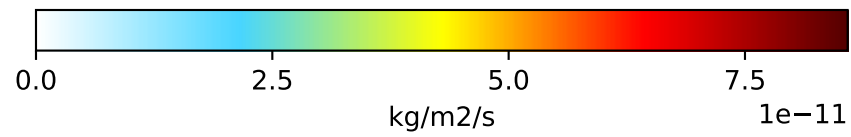
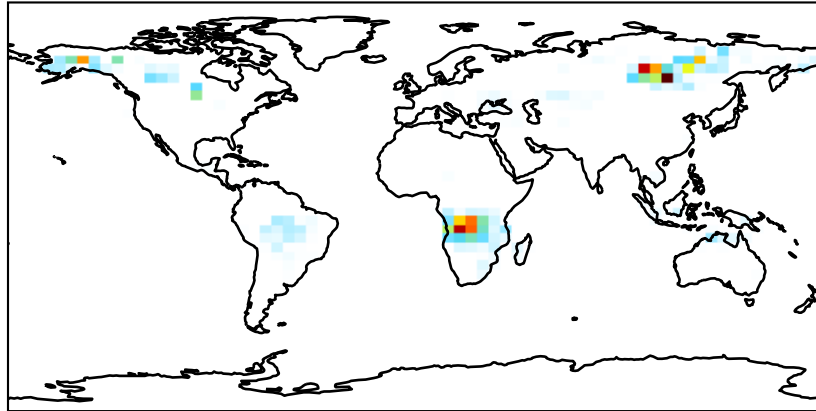


Ratio (1x1.25)  
Dev/Ref, Fixed Range

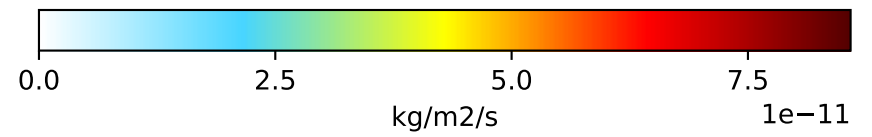
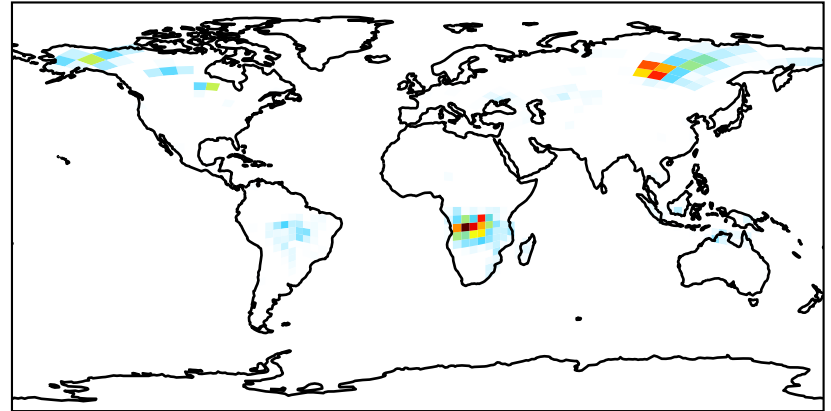


# EmisALD2\_BioBurn

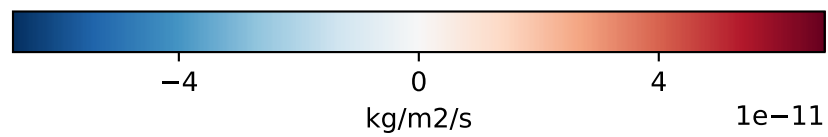
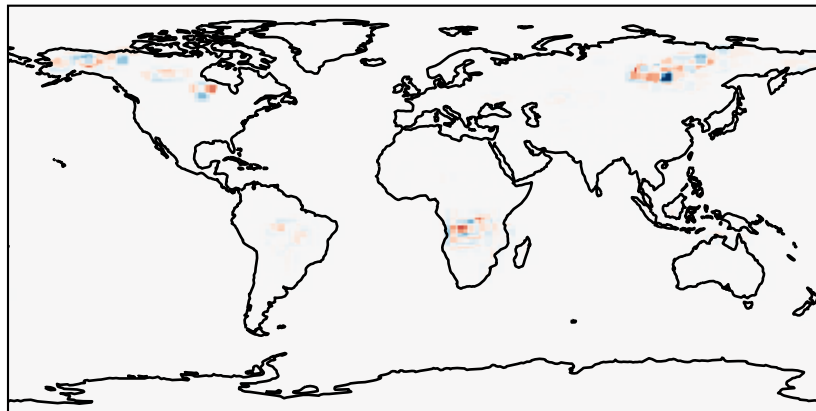
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



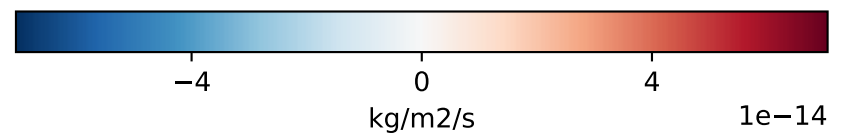
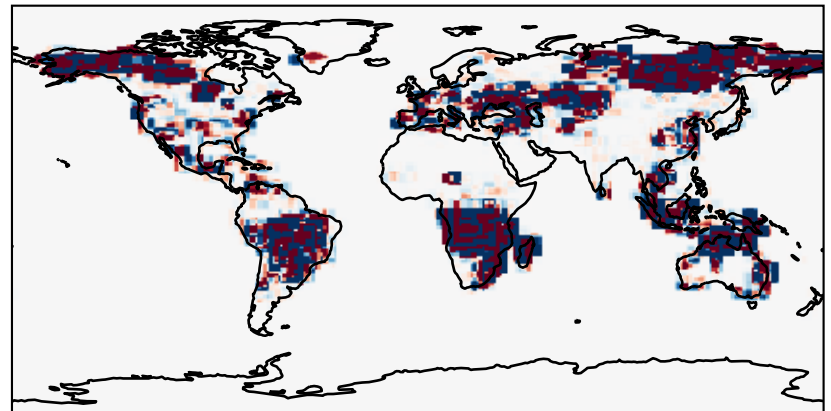
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



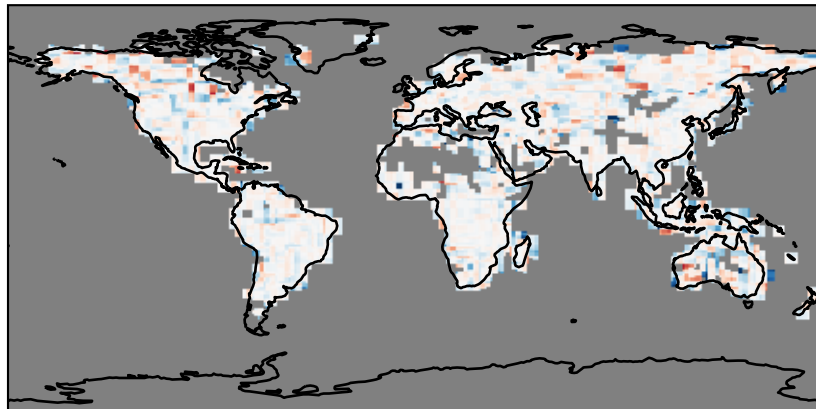
Difference (1x1.25)  
Dev - Ref, Dynamic Range



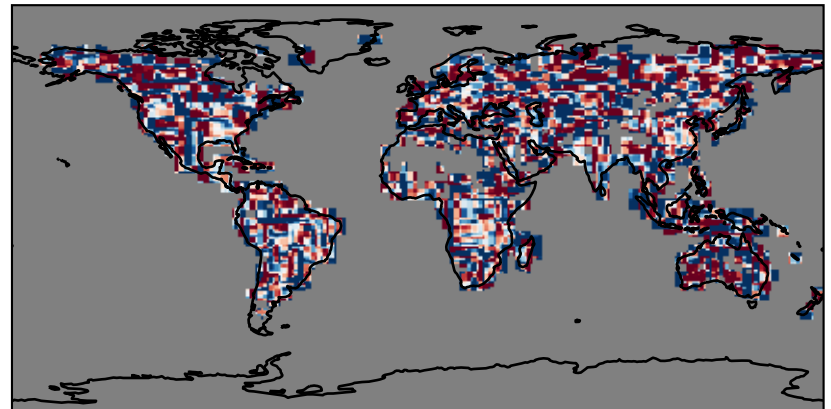
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

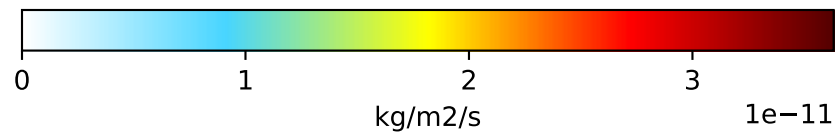
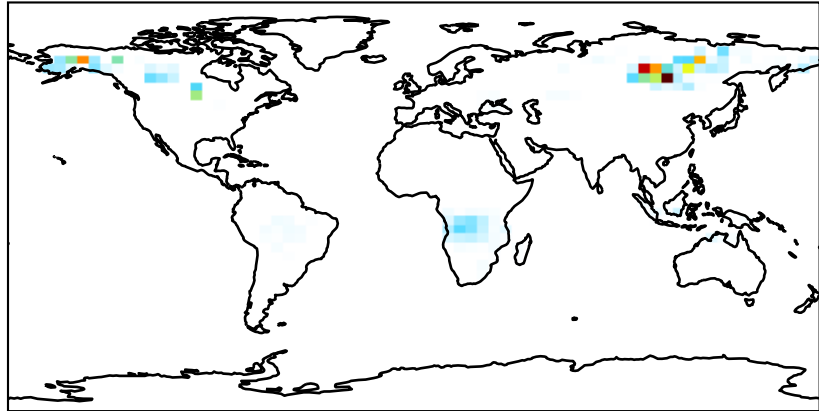


Ratio (1x1.25)  
Dev/Ref, Fixed Range

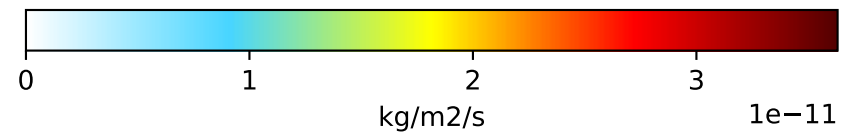
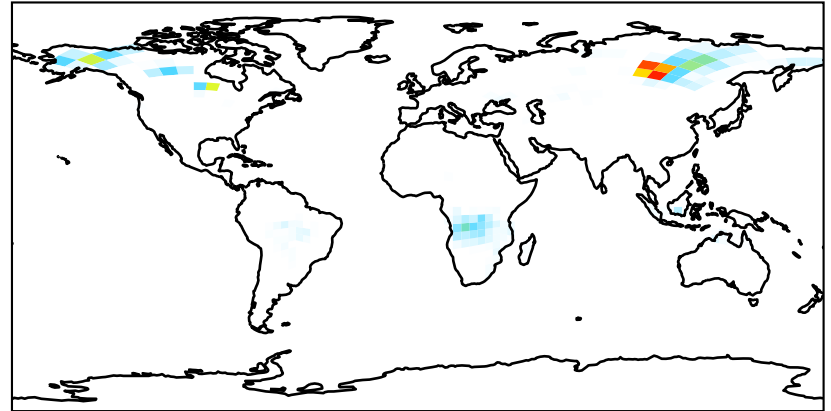


# EmisALK4\_BioBurn

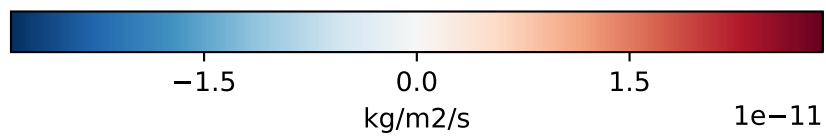
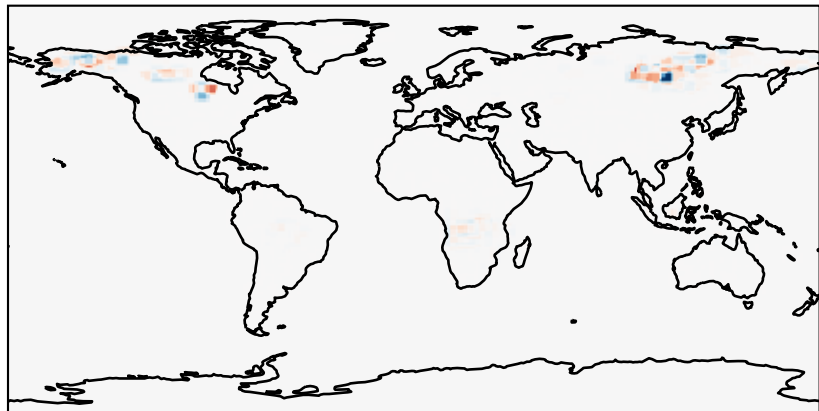
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



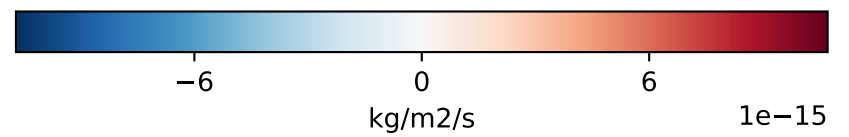
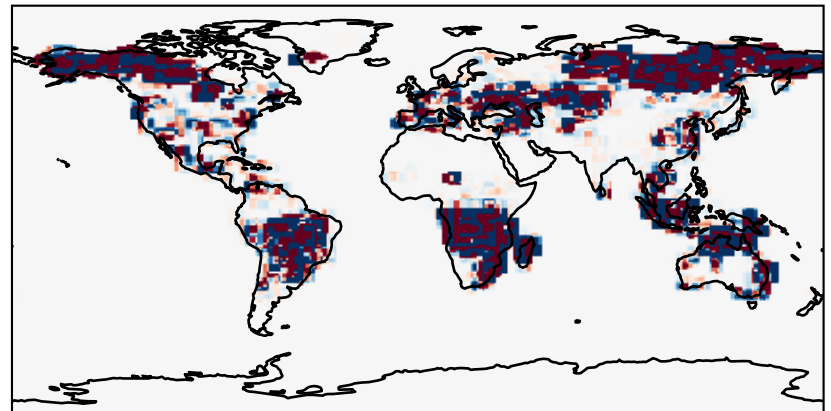
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



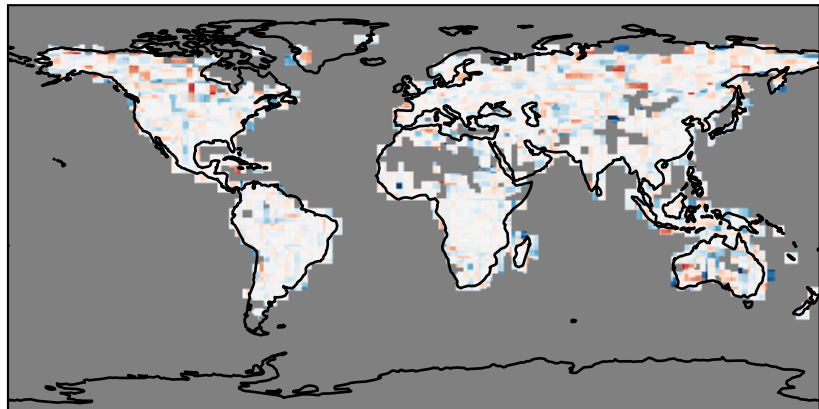
Difference (1x1.25)  
Dev - Ref, Dynamic Range



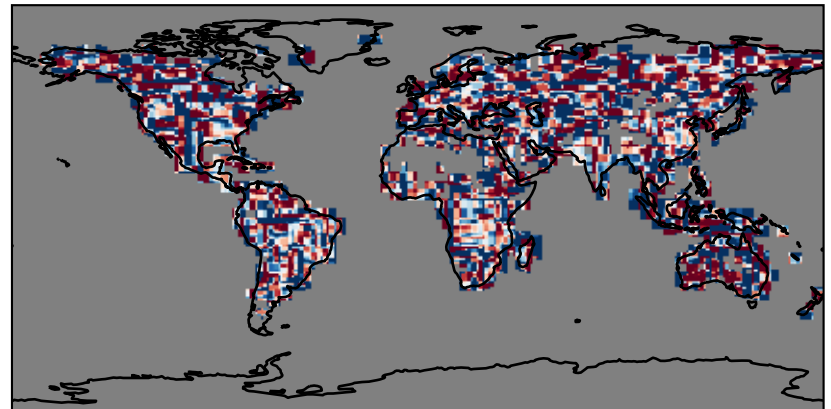
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



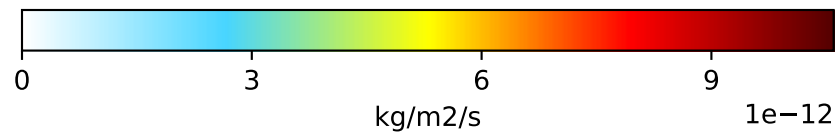
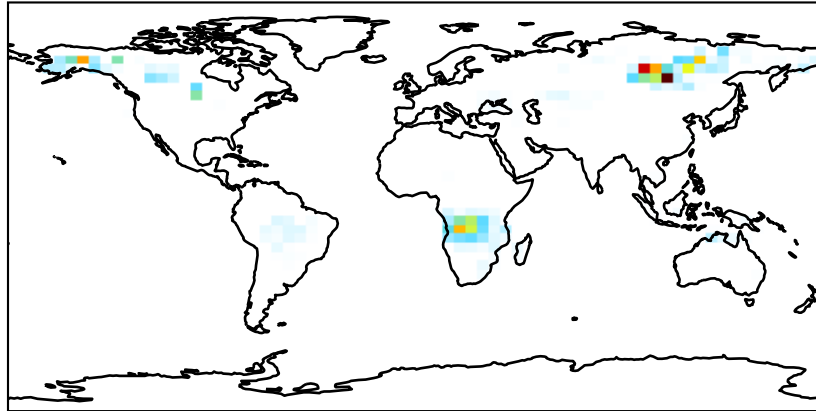
Ratio (1x1.25)  
Dev/Ref, Fixed Range



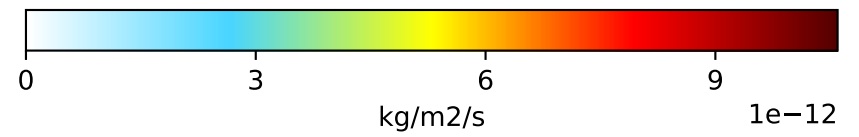
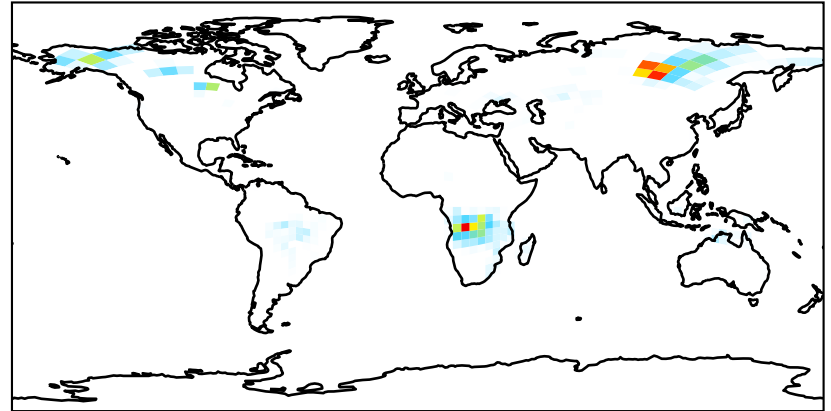


# EmisBCPI\_BioBurn

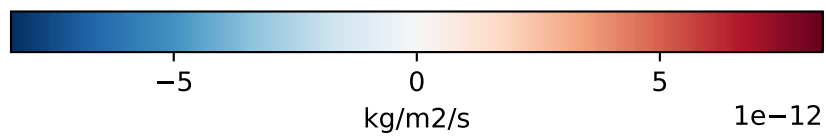
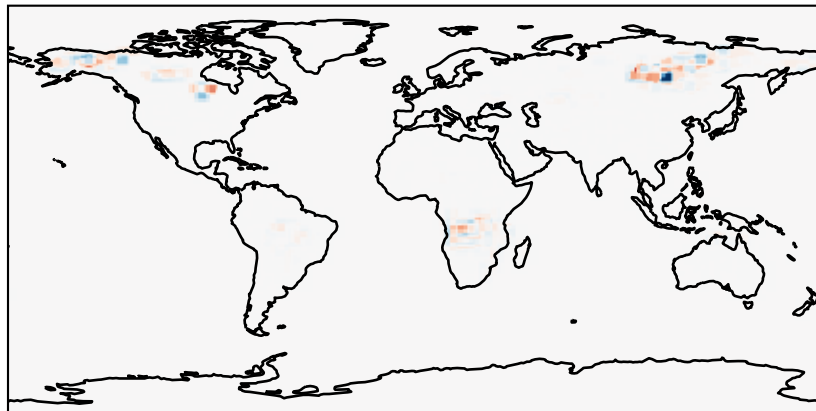
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



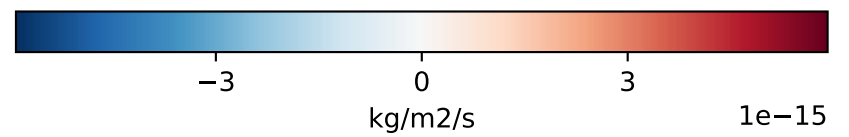
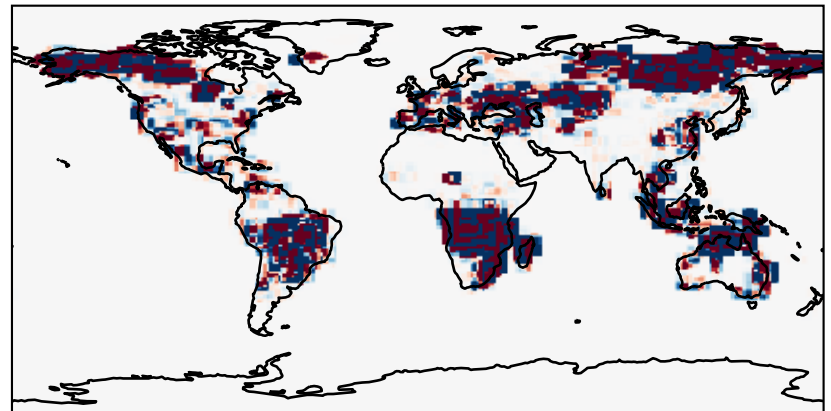
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



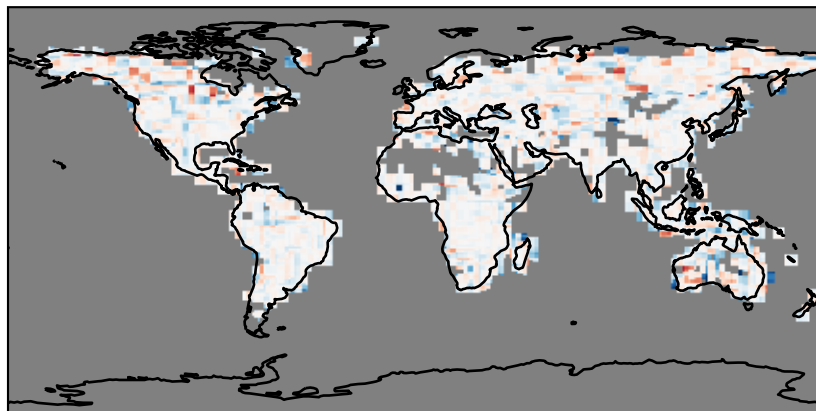
Difference (1x1.25)  
Dev - Ref, Dynamic Range



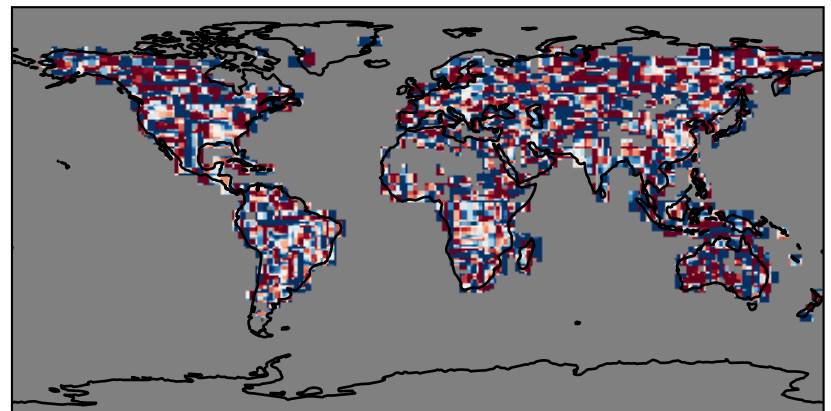
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

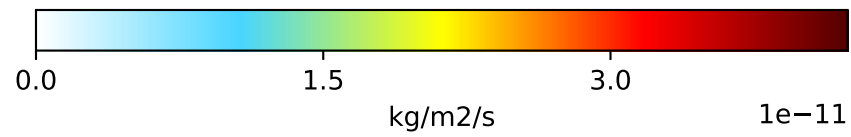
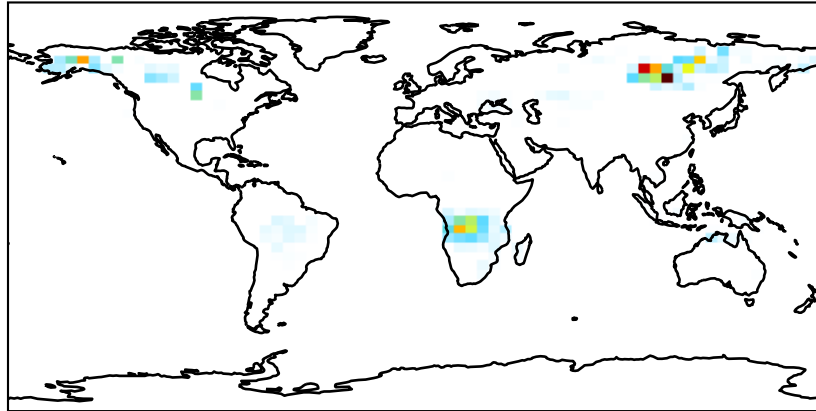


Ratio (1x1.25)  
Dev/Ref, Fixed Range

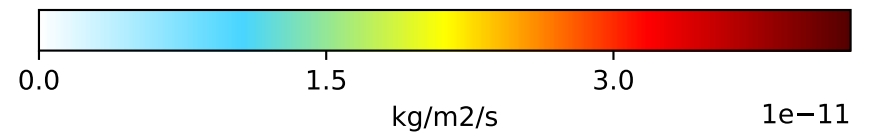
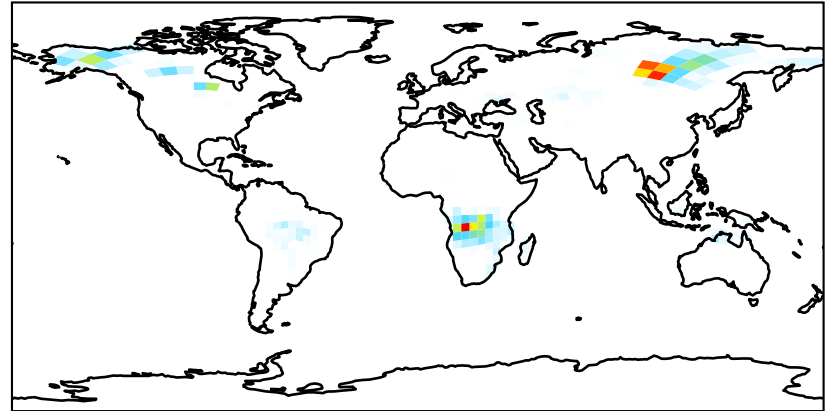


# EmisBCPO\_BioBurn

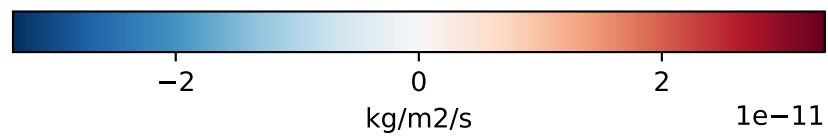
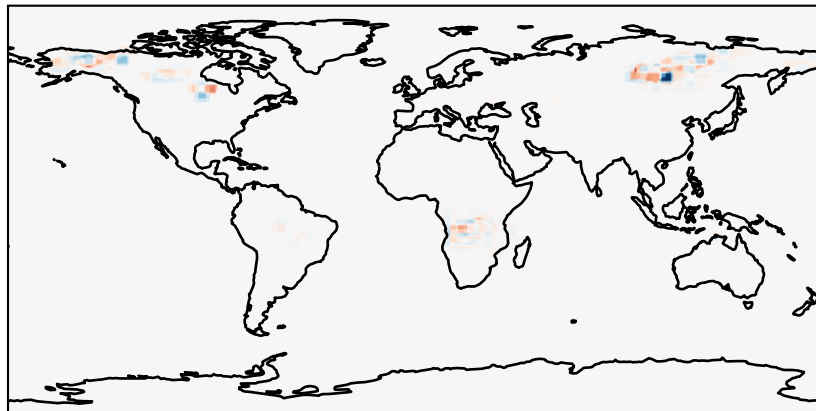
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



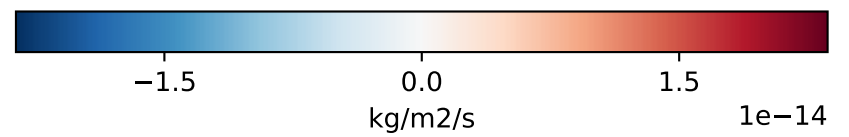
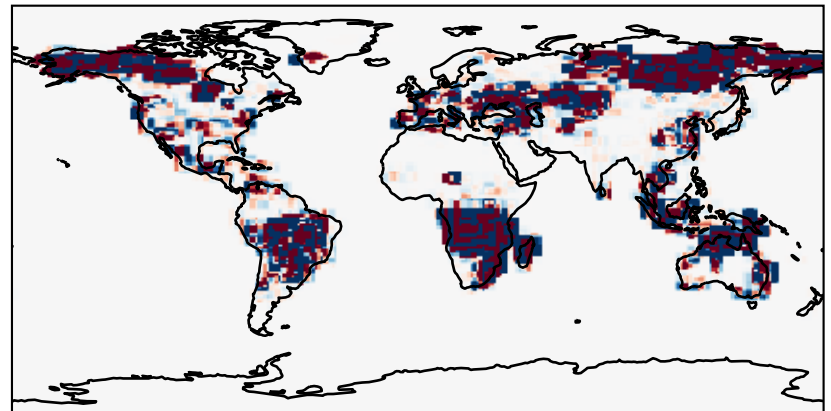
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



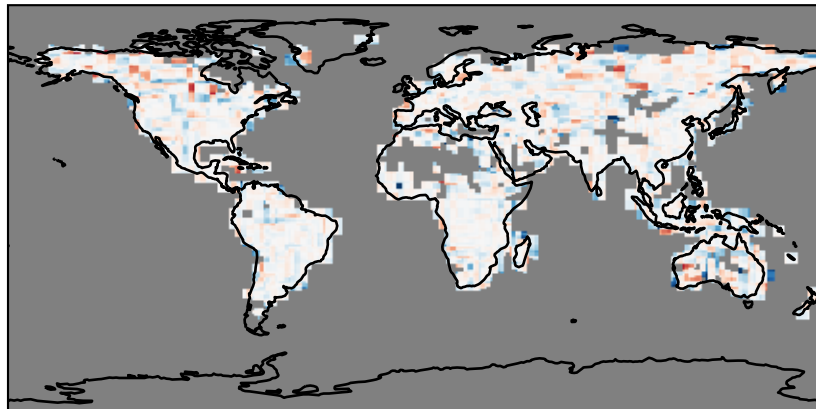
Difference (1x1.25)  
Dev - Ref, Dynamic Range



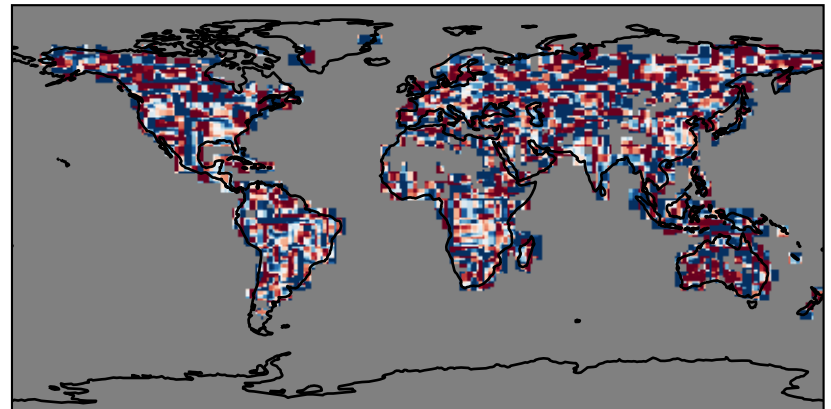
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

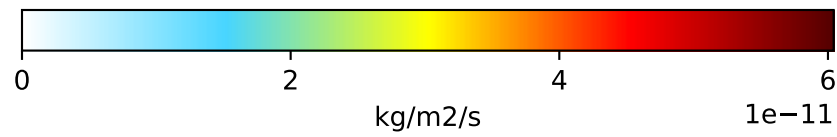
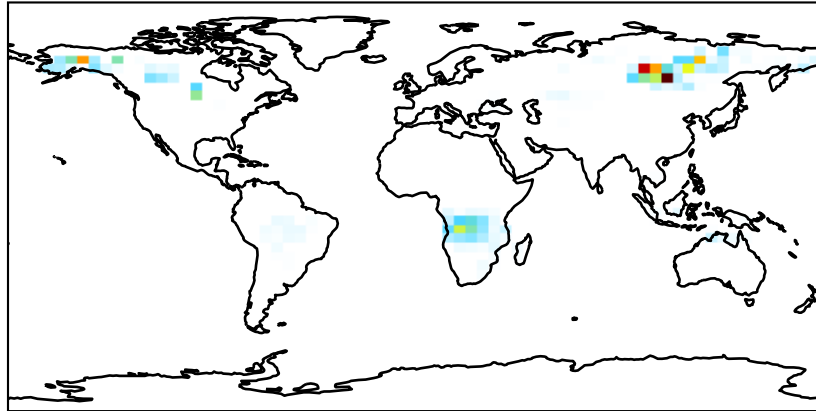


Ratio (1x1.25)  
Dev/Ref, Fixed Range

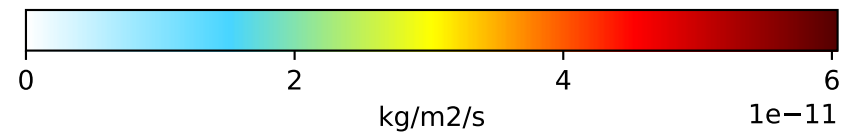
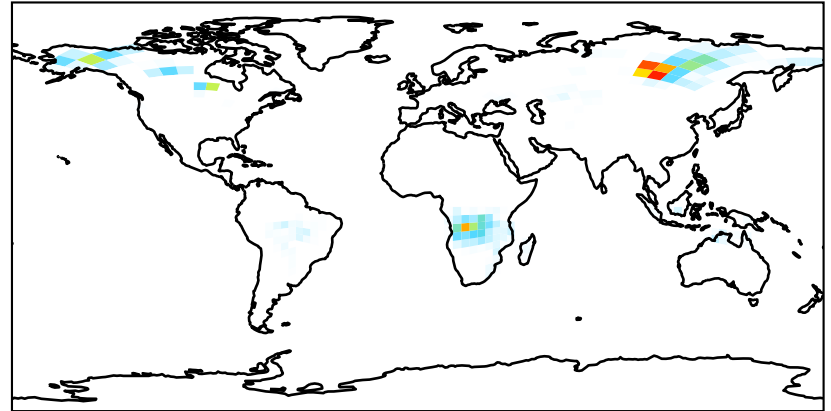


# EmisBENZ\_BioBurn

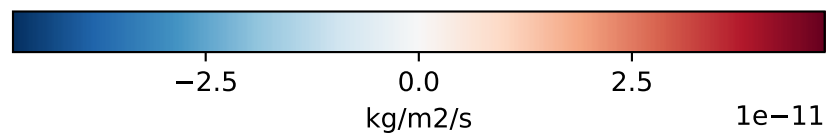
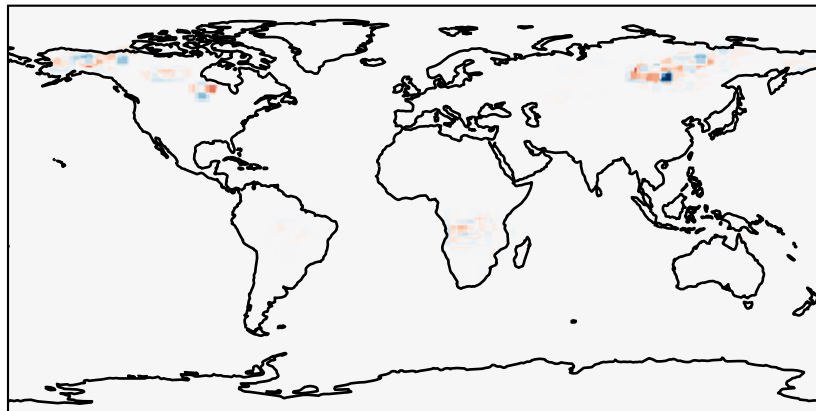
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



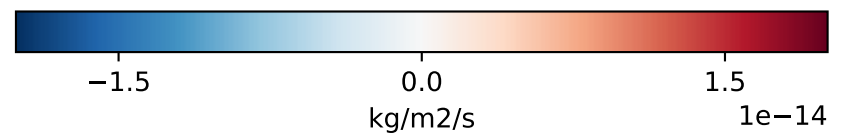
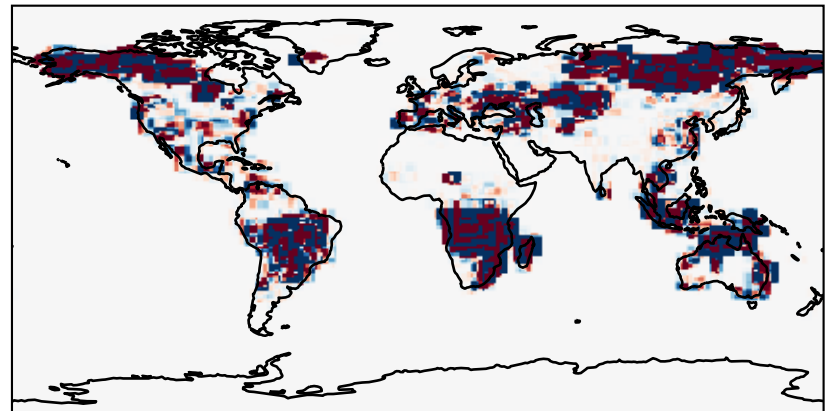
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



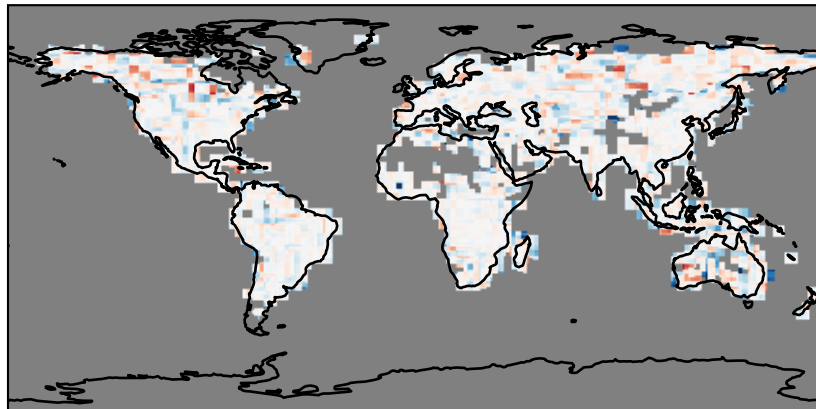
Difference (1x1.25)  
Dev - Ref, Dynamic Range



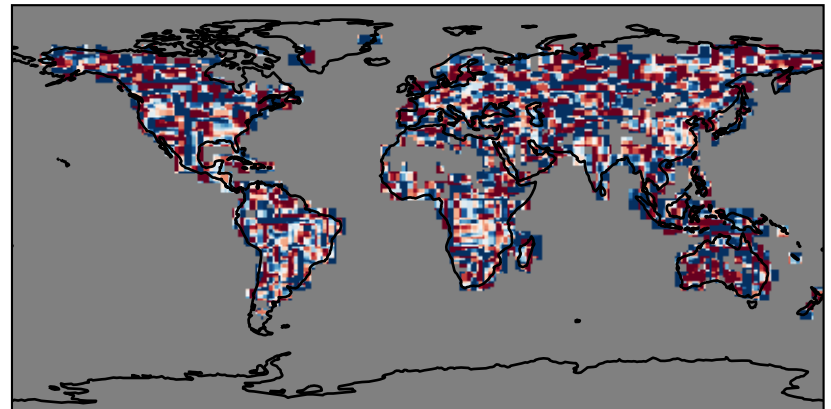
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

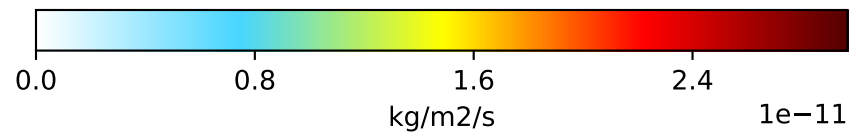
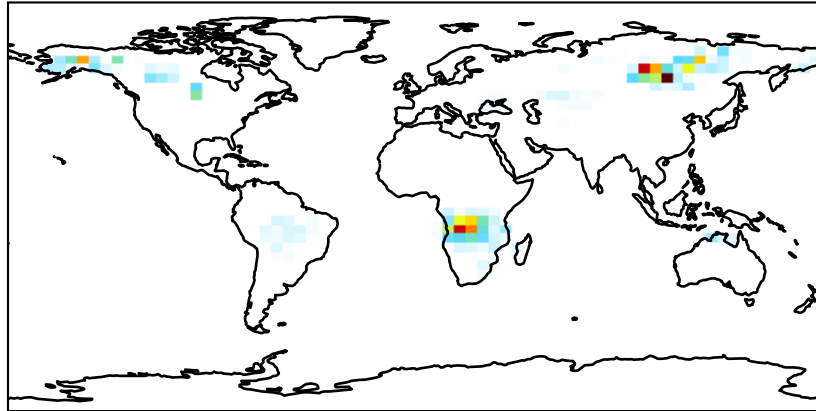


Ratio (1x1.25)  
Dev/Ref, Fixed Range

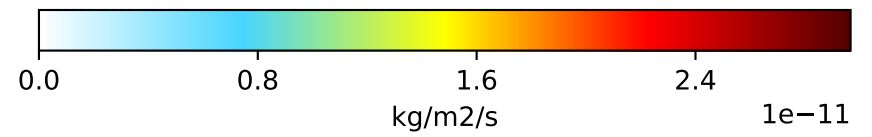
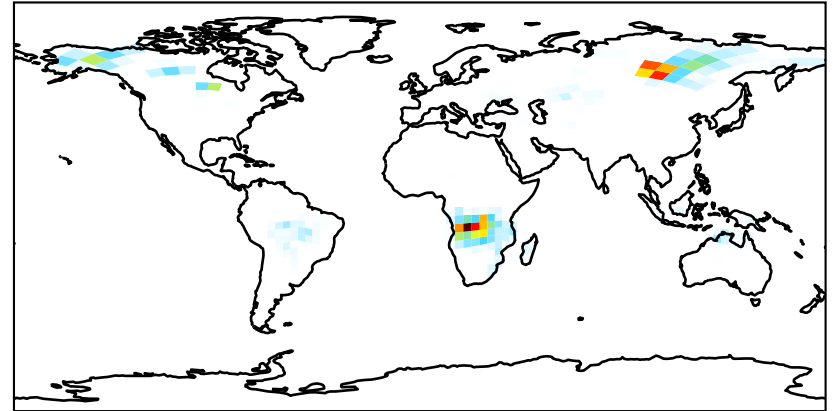


# EmisC2H2\_BioBurn

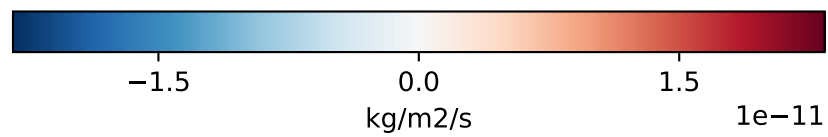
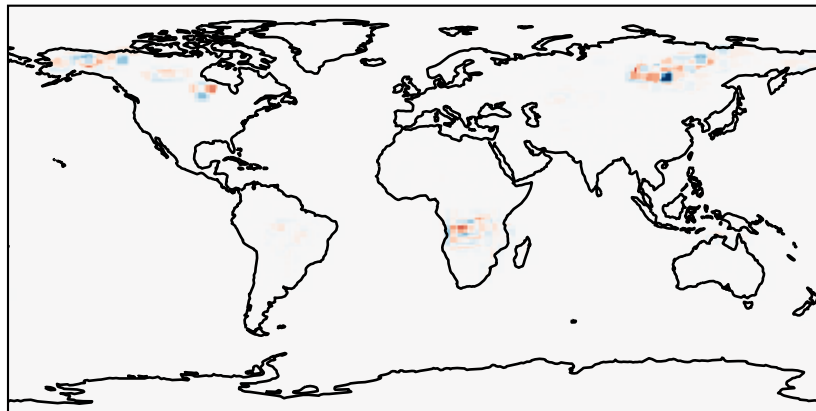
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



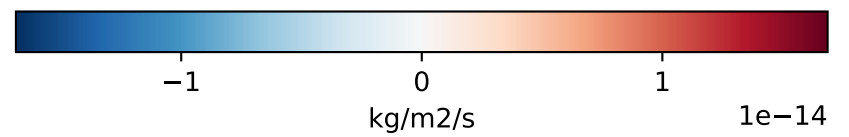
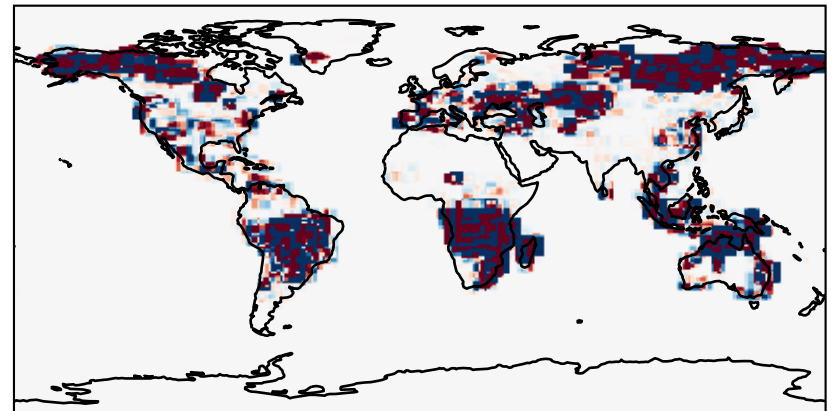
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



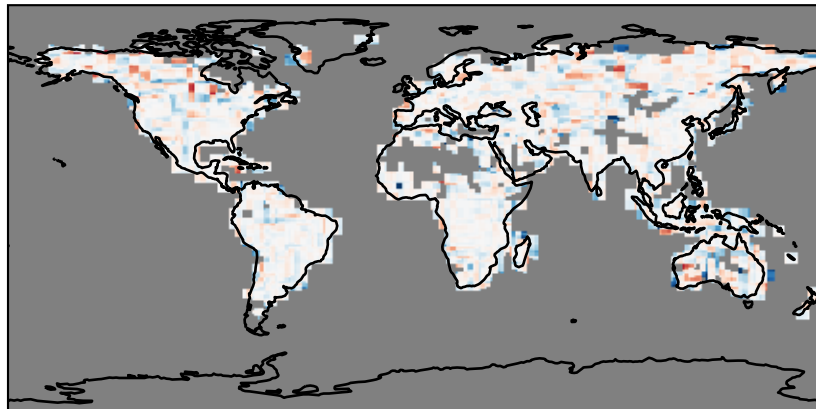
Difference (1x1.25)  
Dev - Ref, Dynamic Range



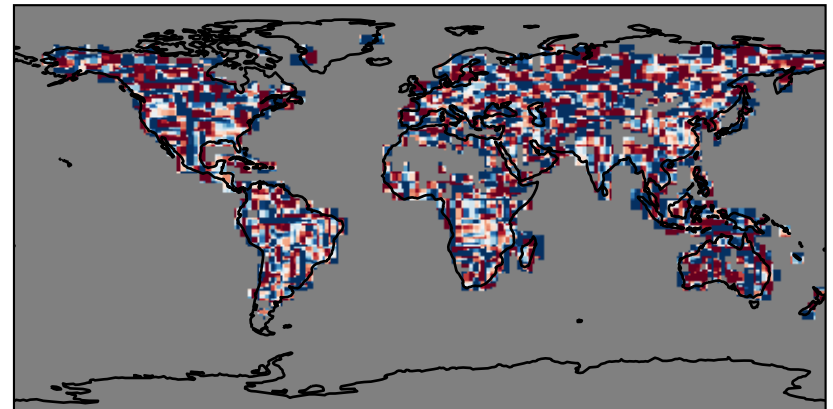
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



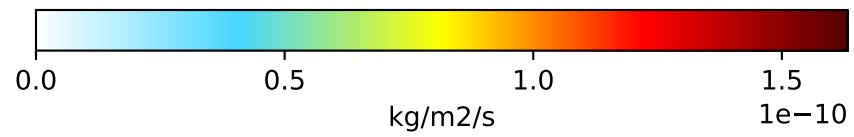
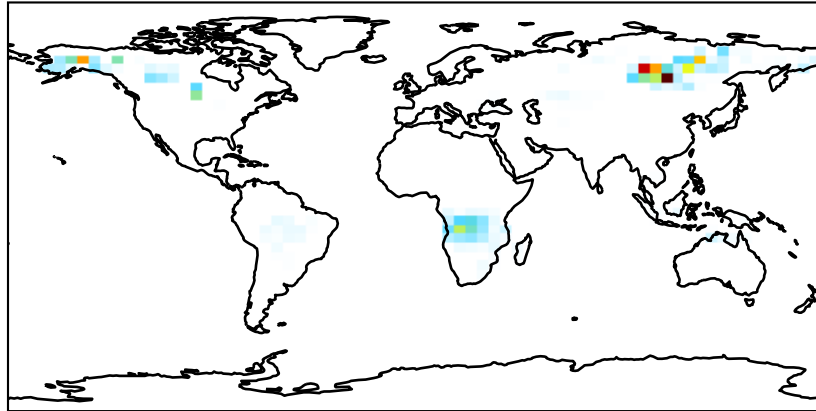
Ratio (1x1.25)  
Dev/Ref, Fixed Range



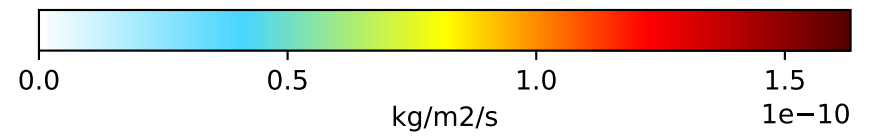
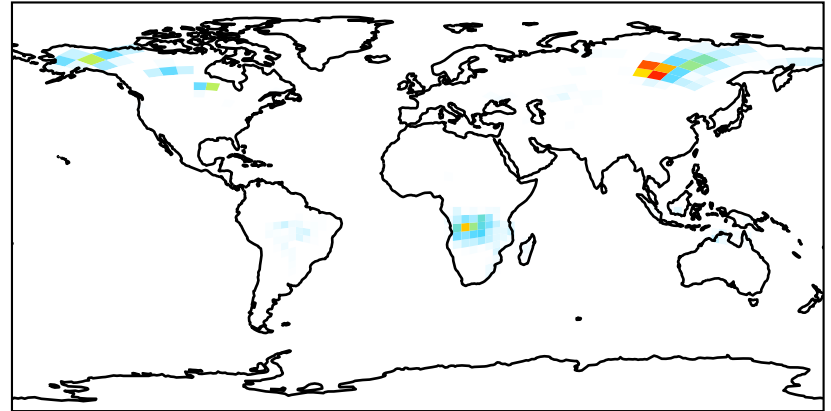


# EmisC2H4\_BioBurn

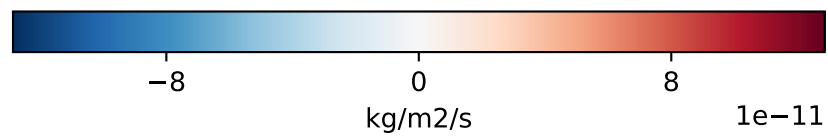
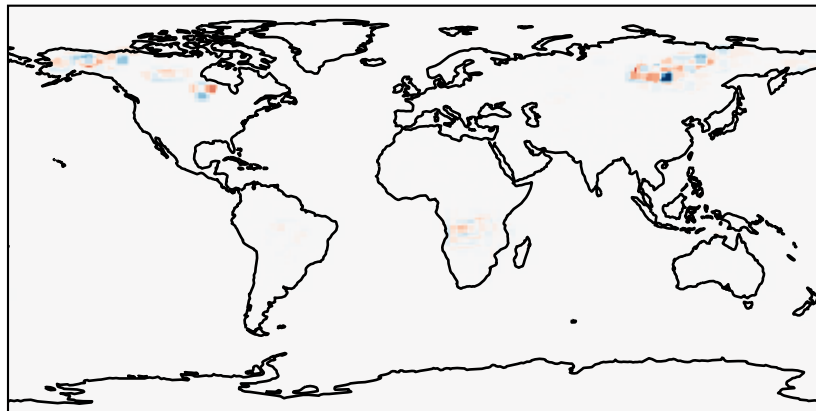
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



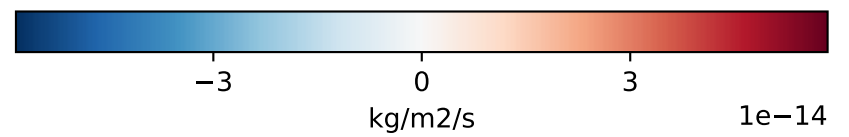
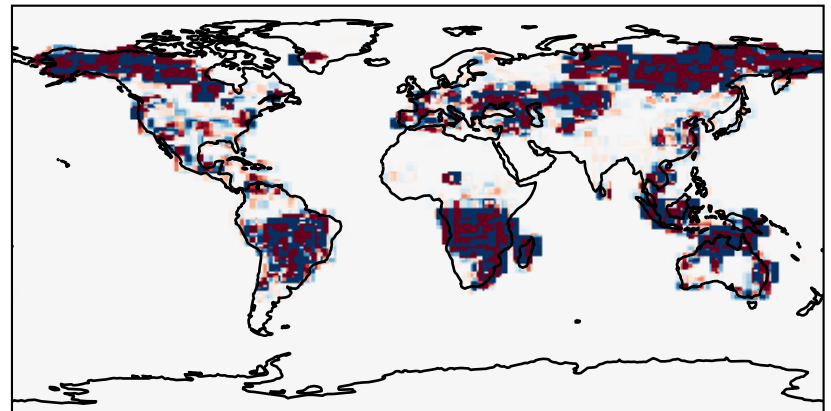
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



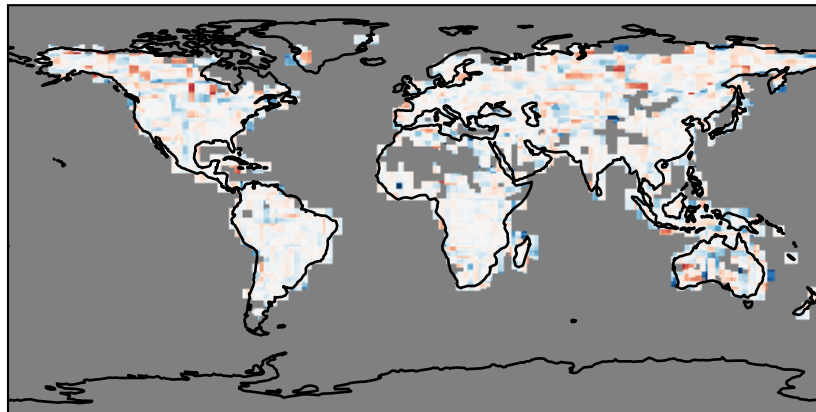
Difference (1x1.25)  
Dev - Ref, Dynamic Range



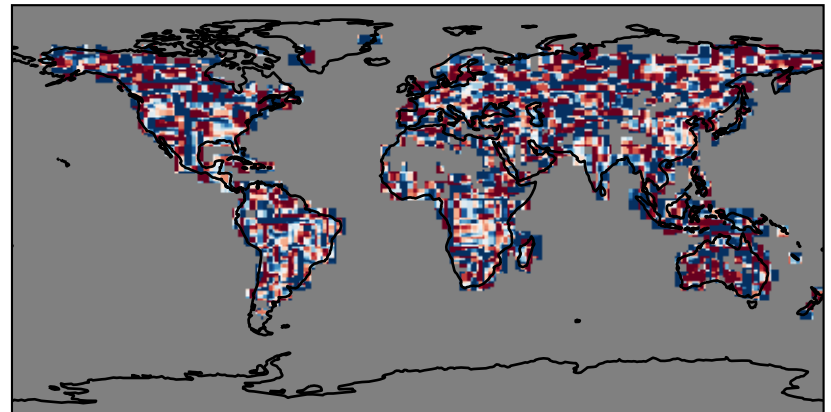
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

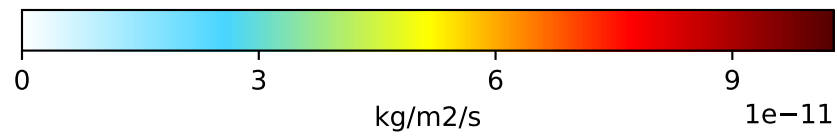
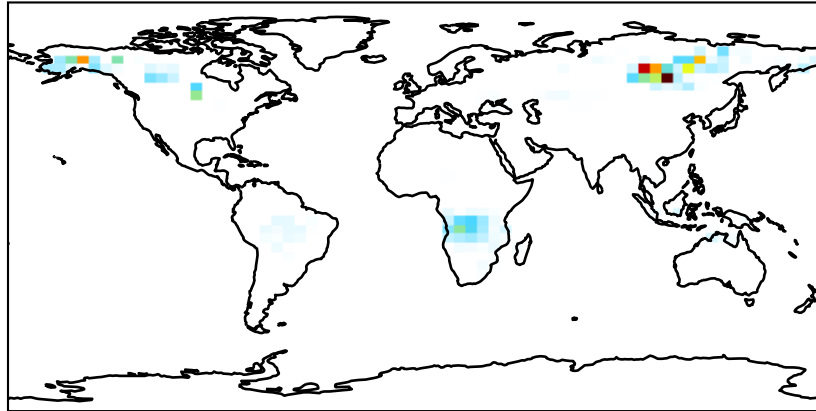


Ratio (1x1.25)  
Dev/Ref, Fixed Range

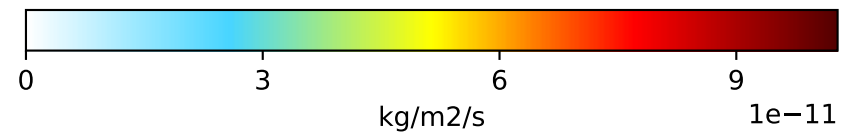
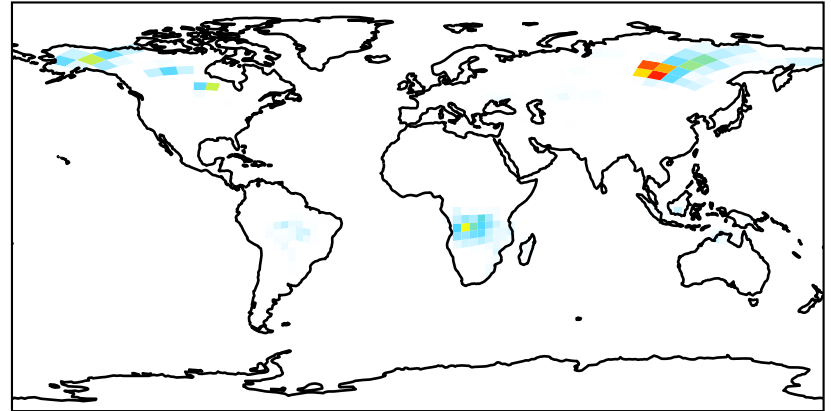


# EmisC2H6\_BioBurn

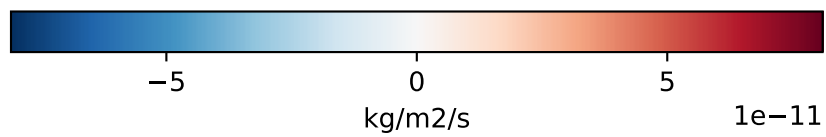
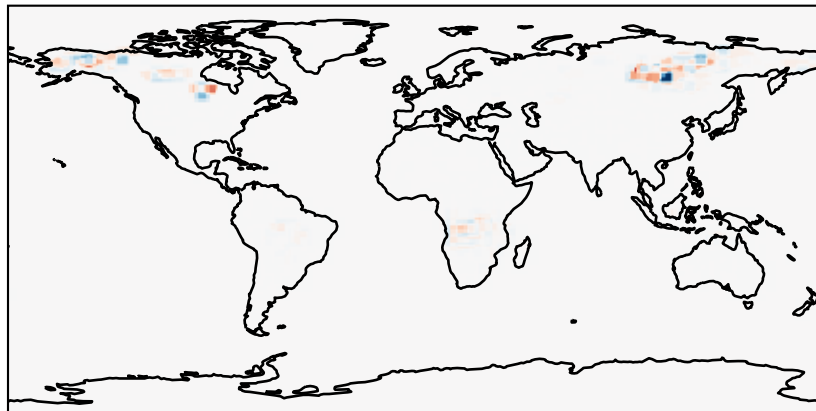
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



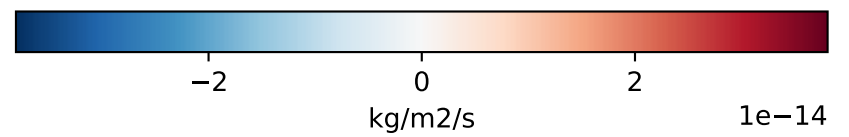
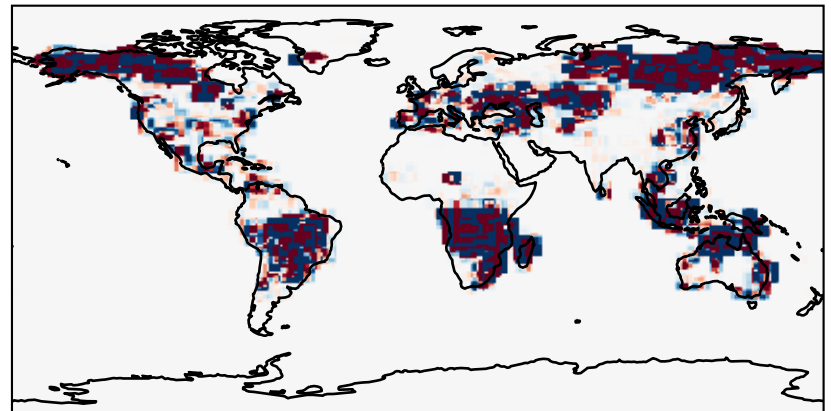
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



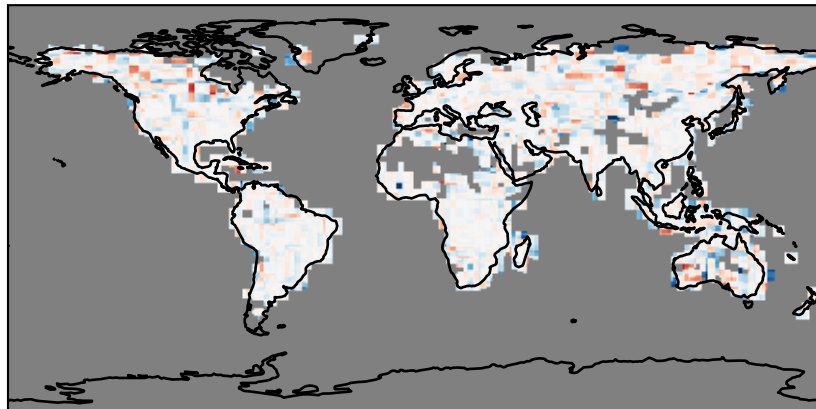
Difference (1x1.25)  
Dev - Ref, Dynamic Range



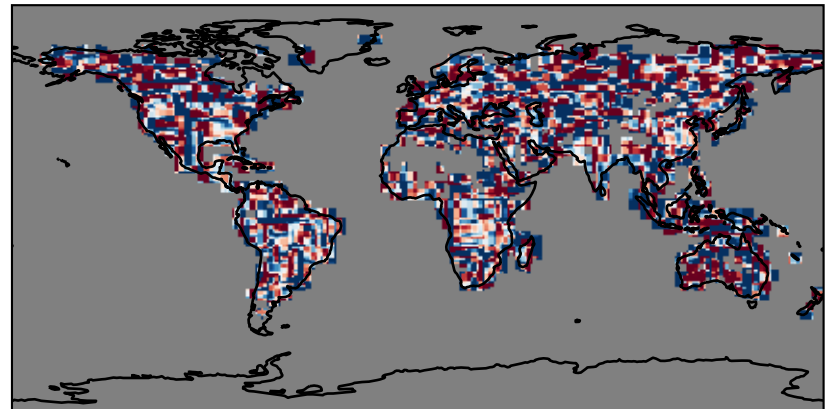
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

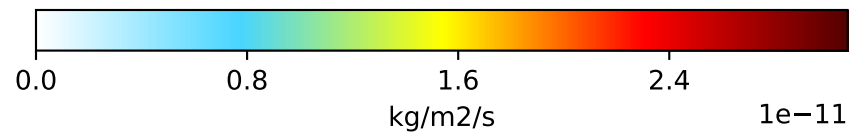
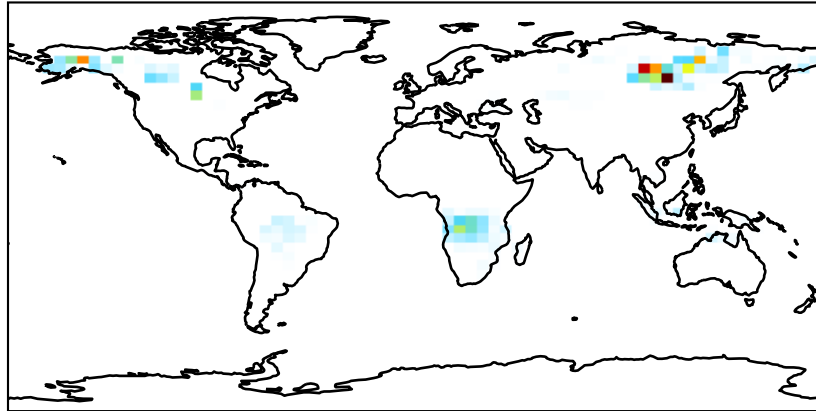


Ratio (1x1.25)  
Dev/Ref, Fixed Range

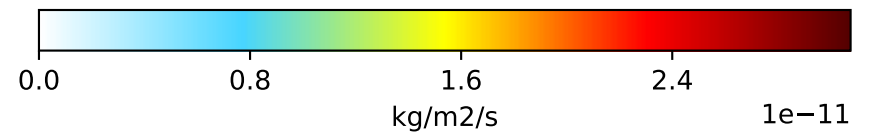
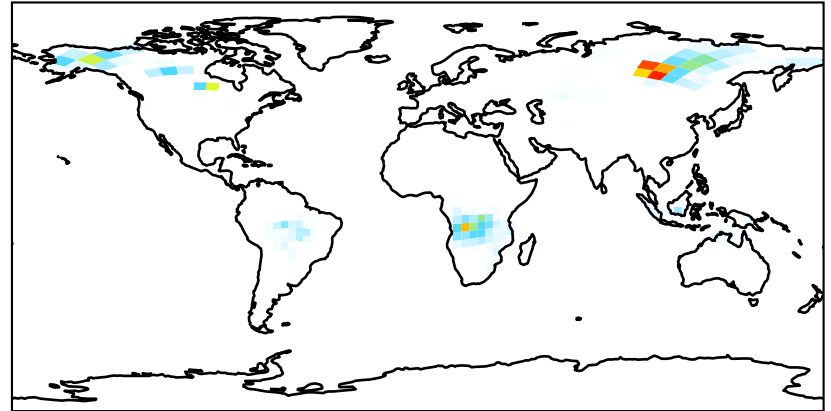


# EmisC3H8\_BioBurn

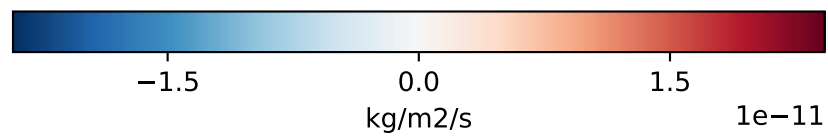
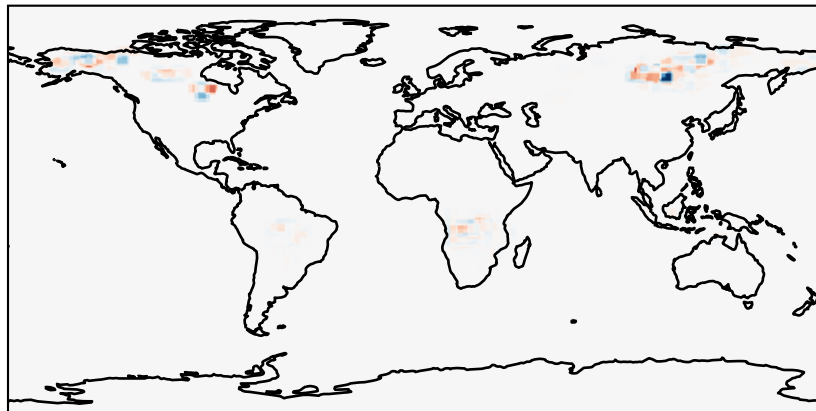
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



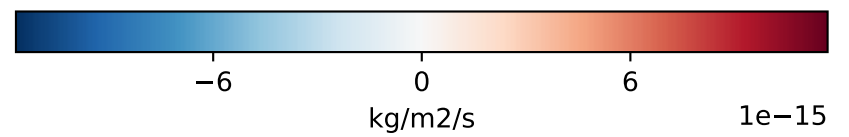
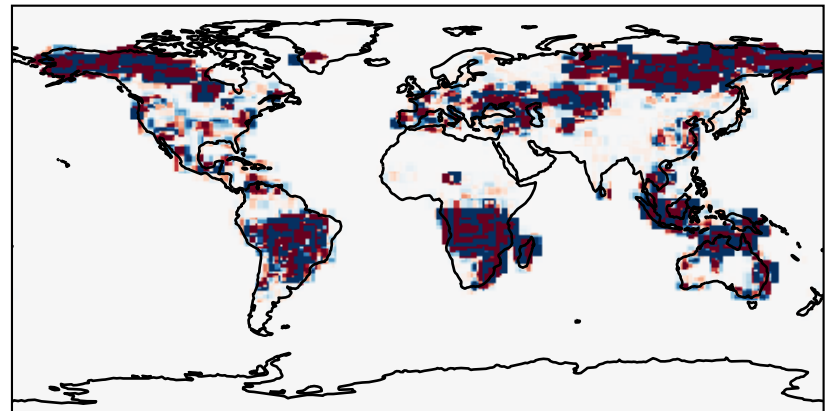
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



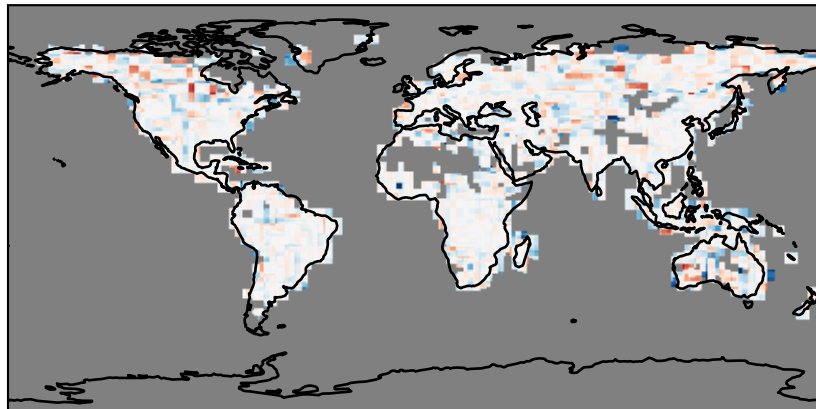
Difference (1x1.25)  
Dev - Ref, Dynamic Range



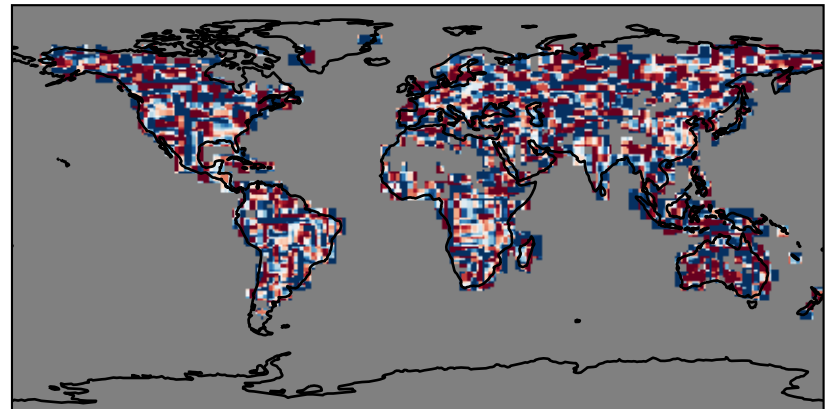
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

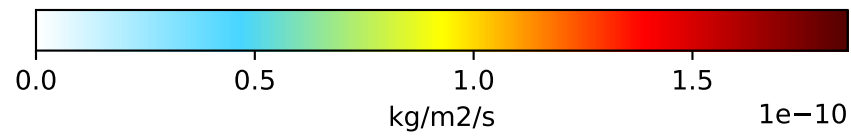
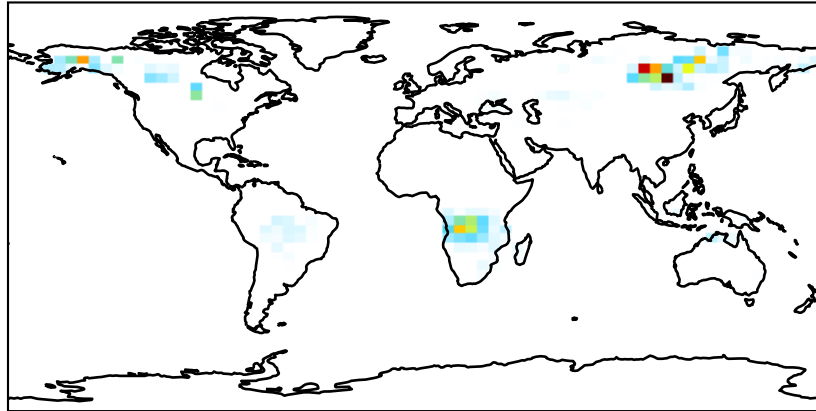


Ratio (1x1.25)  
Dev/Ref, Fixed Range

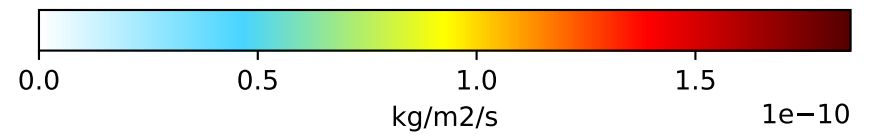
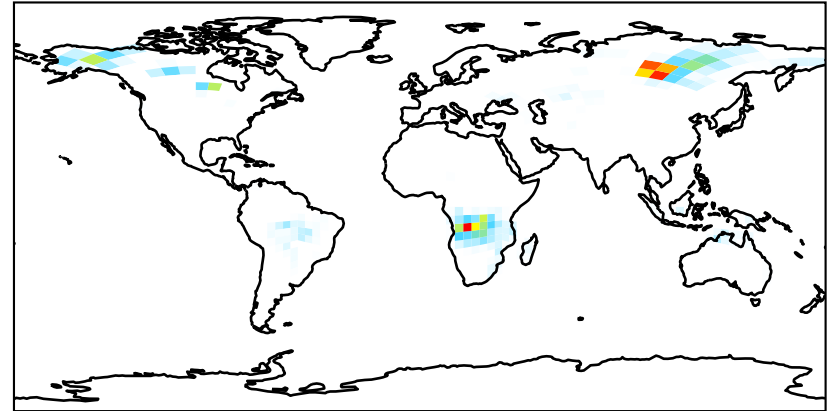


# EmisCH2O\_BioBurn

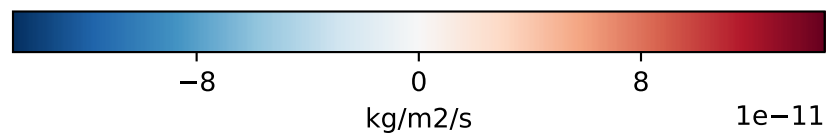
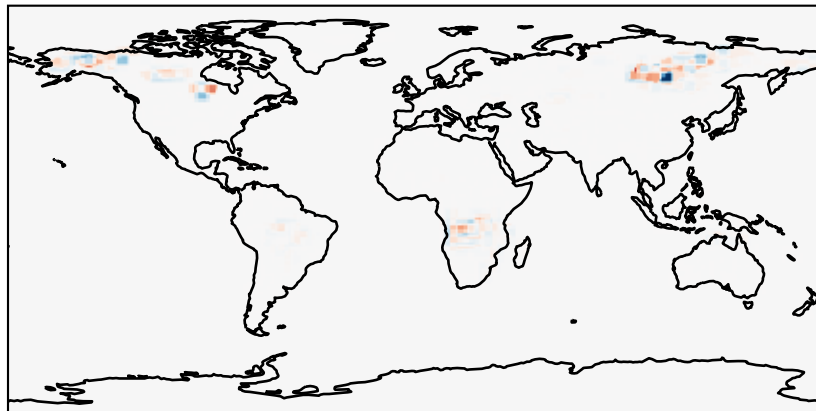
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



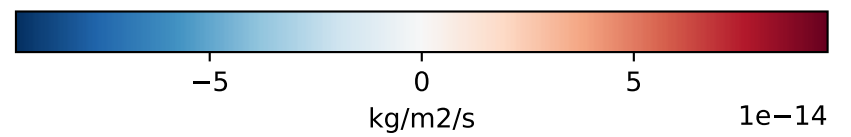
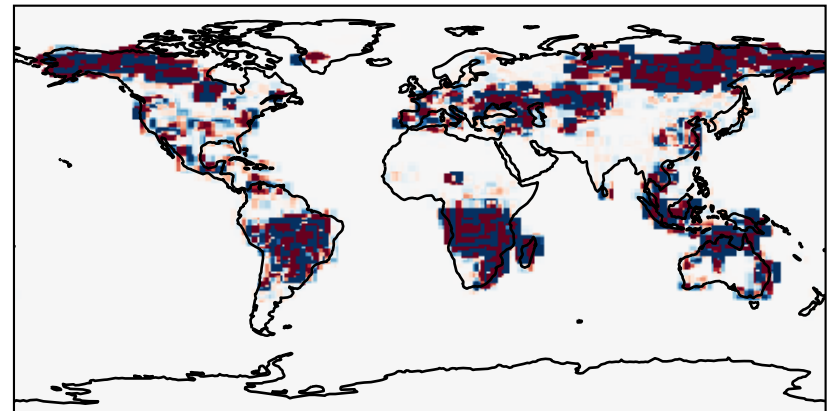
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



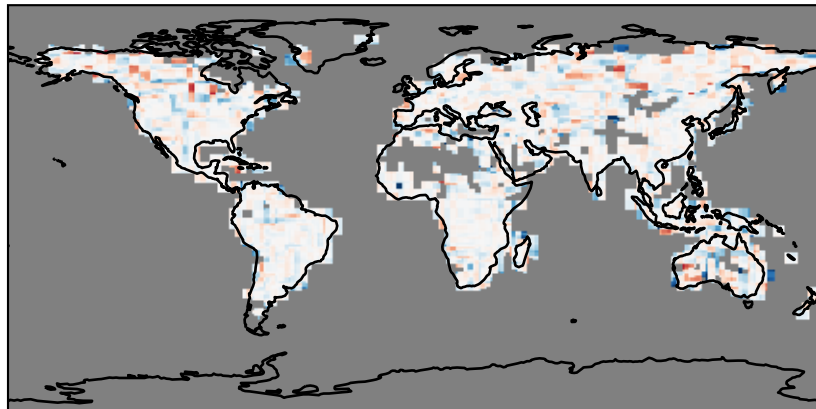
Difference (1x1.25)  
Dev - Ref, Dynamic Range



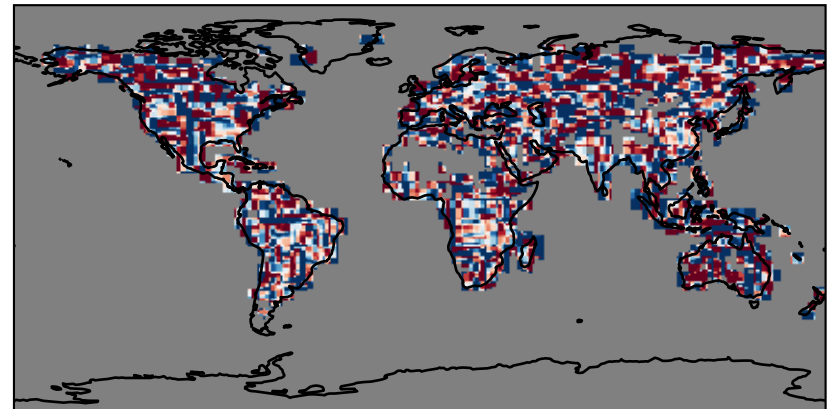
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



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





# EmisCO2\_BioBurn

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



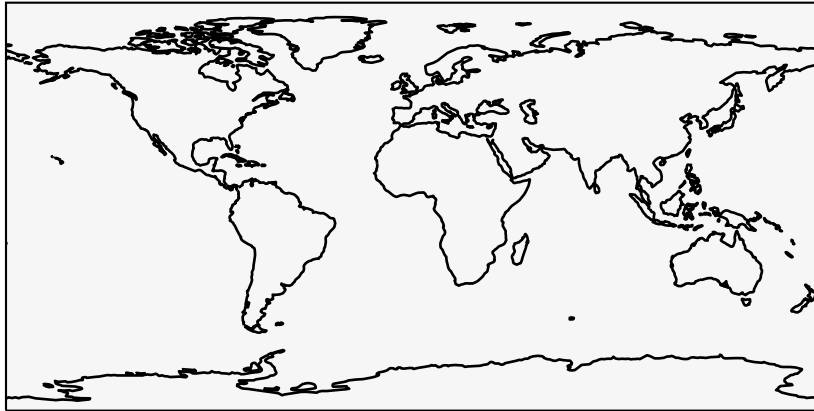
Zero throughout domain  
kg/m2/s

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



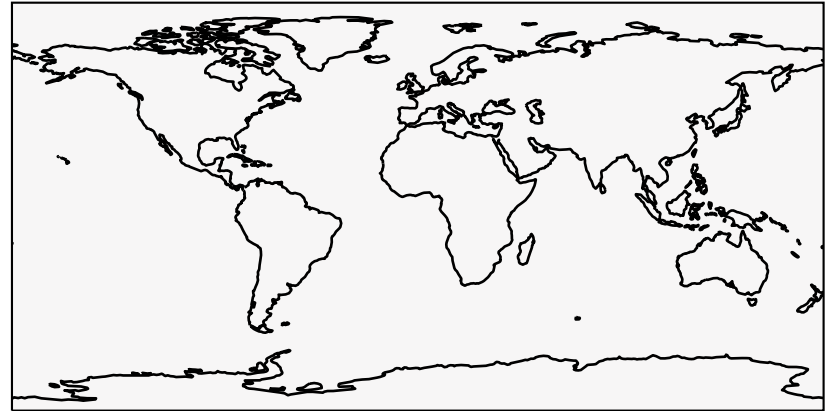
Zero throughout domain  
kg/m2/s

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



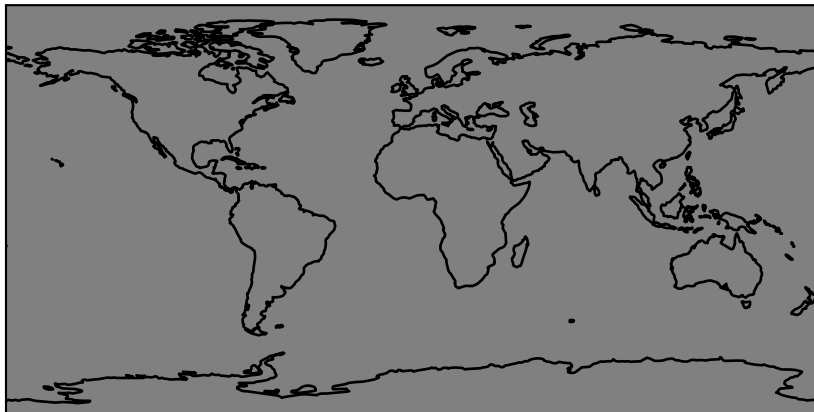
Zero throughout domain  
kg/m2/s

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



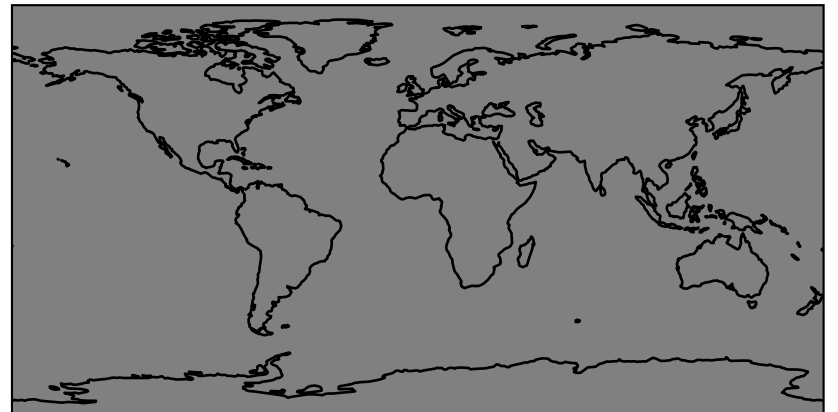
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

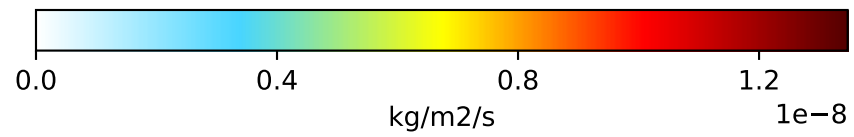
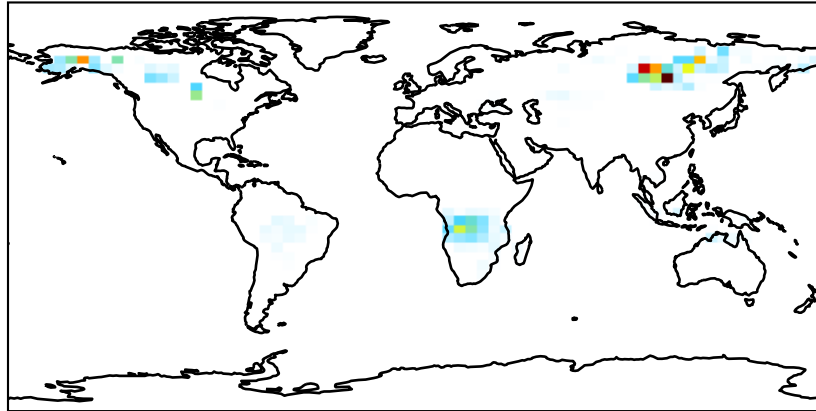
Ratio (1x1.25)  
Dev/Ref, Fixed Range



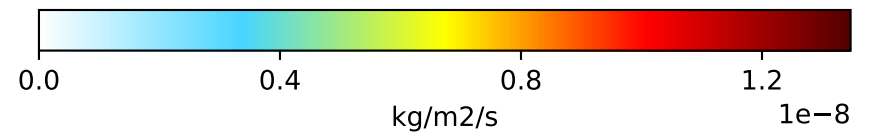
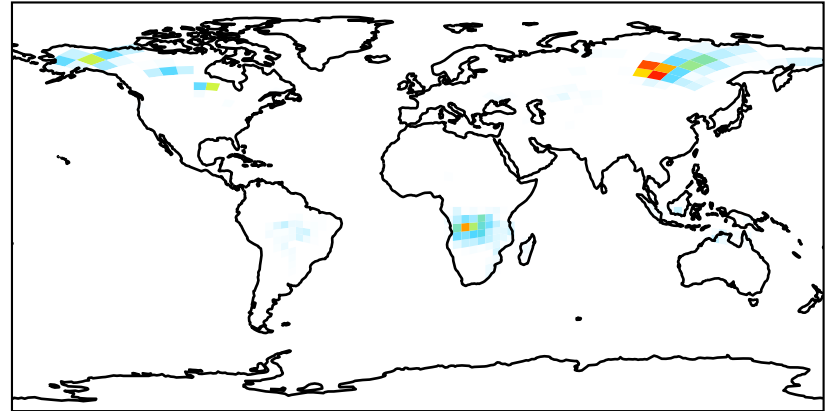
Undefined throughout domain  
unitless

# EmisCO\_BioBurn

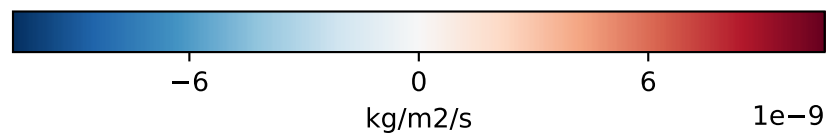
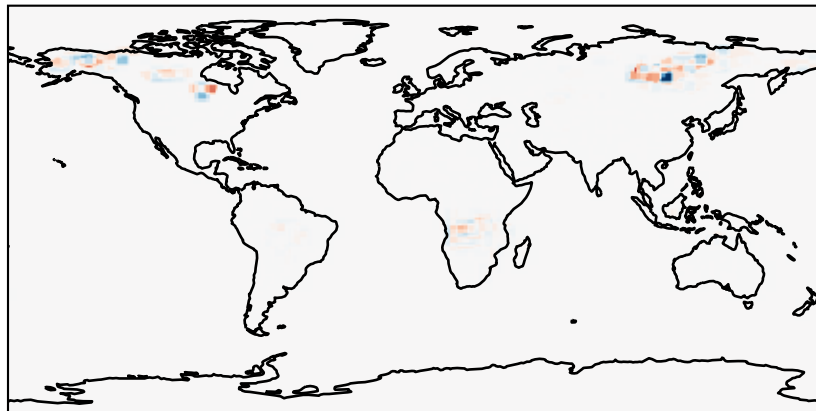
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



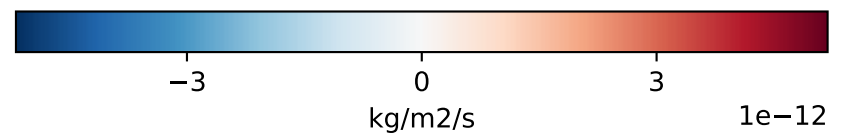
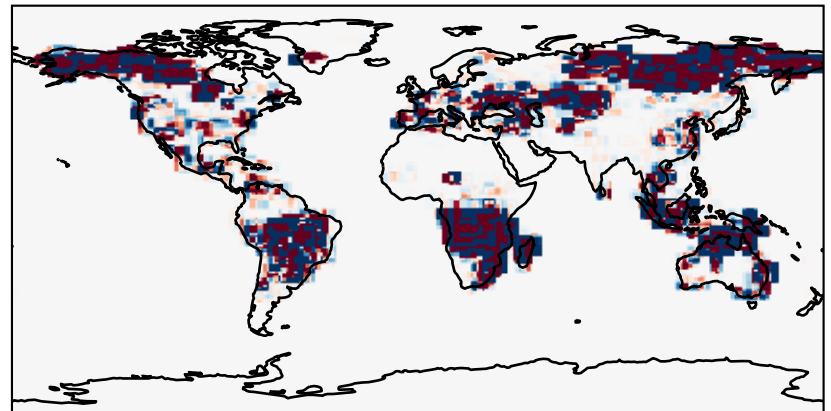
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



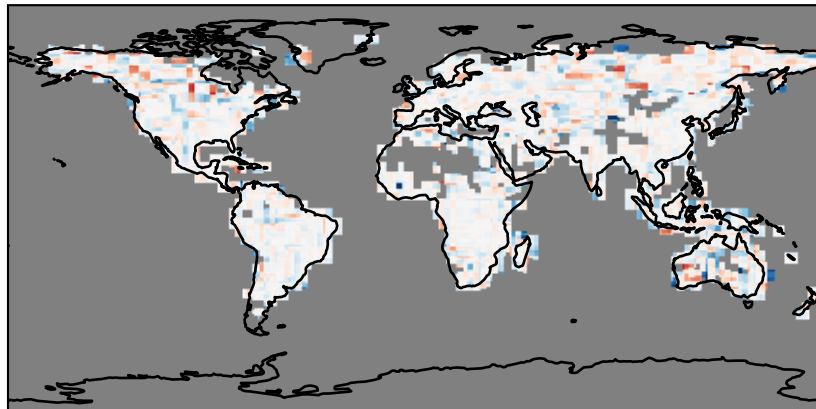
Difference (1x1.25)  
Dev - Ref, Dynamic Range



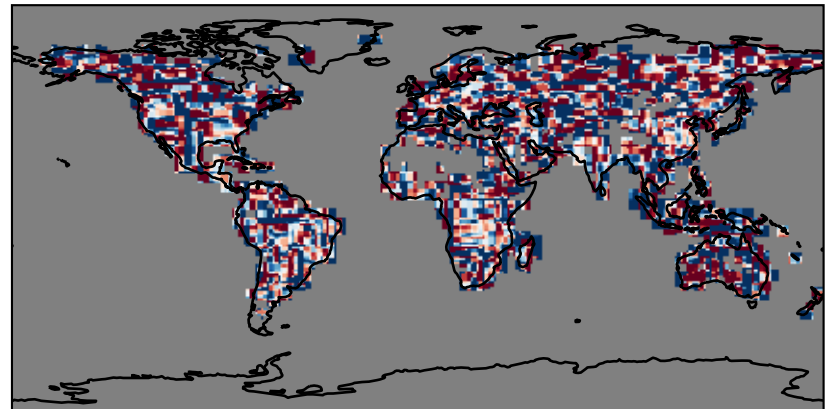
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

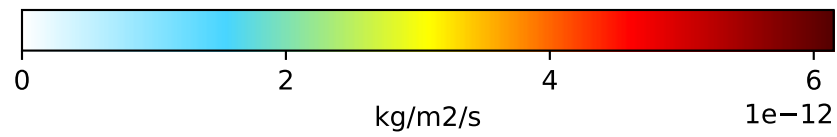
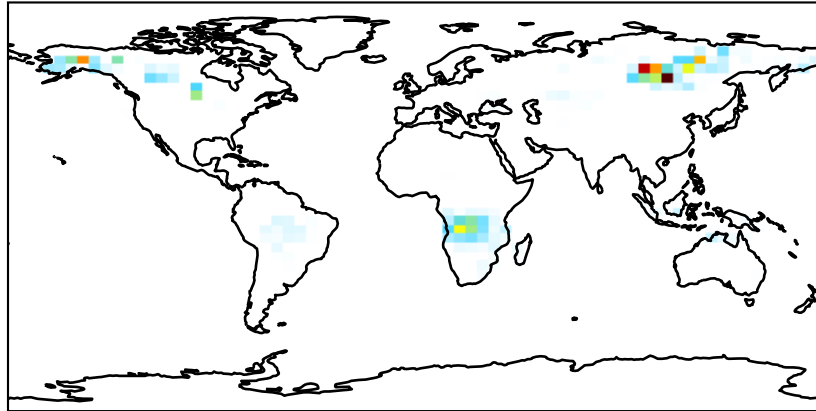


Ratio (1x1.25)  
Dev/Ref, Fixed Range

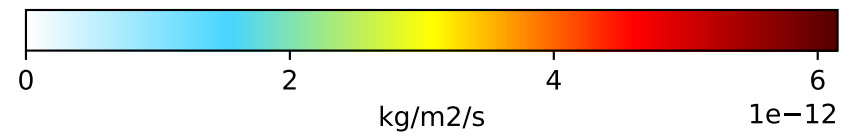
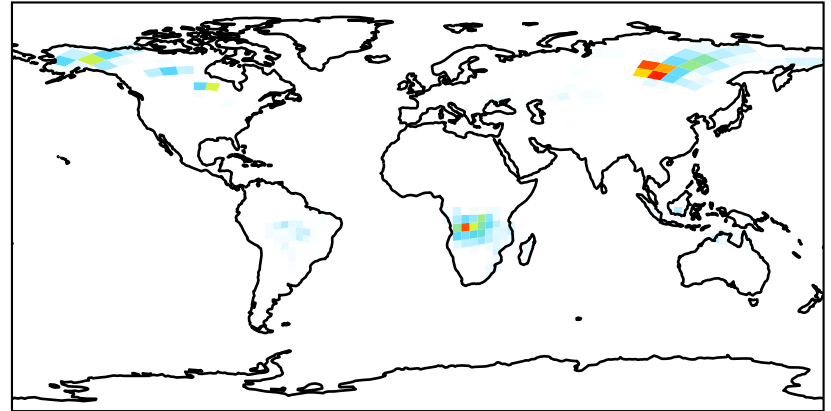


# EmisEOH\_BioBurn

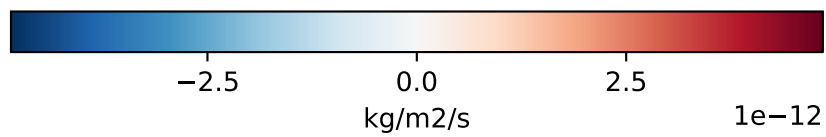
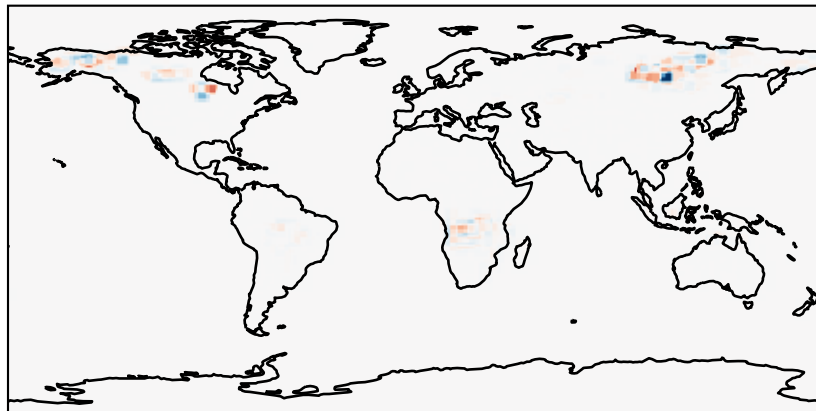
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



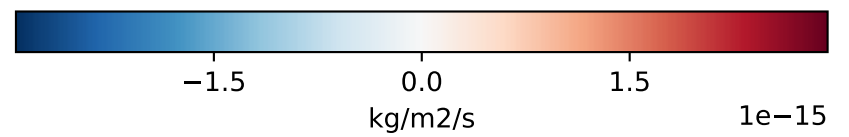
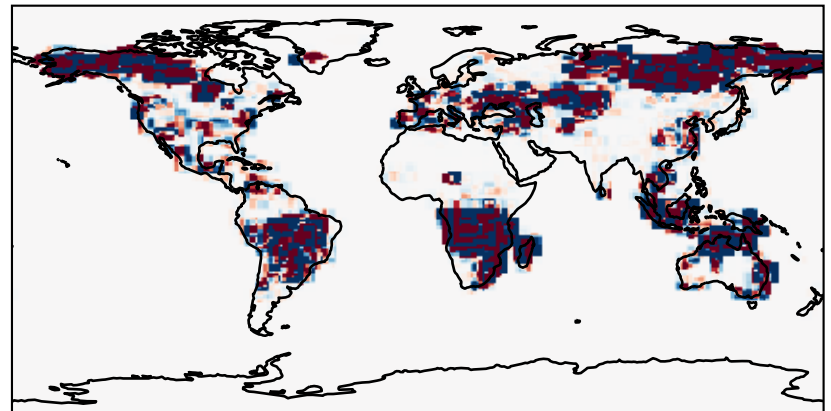
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



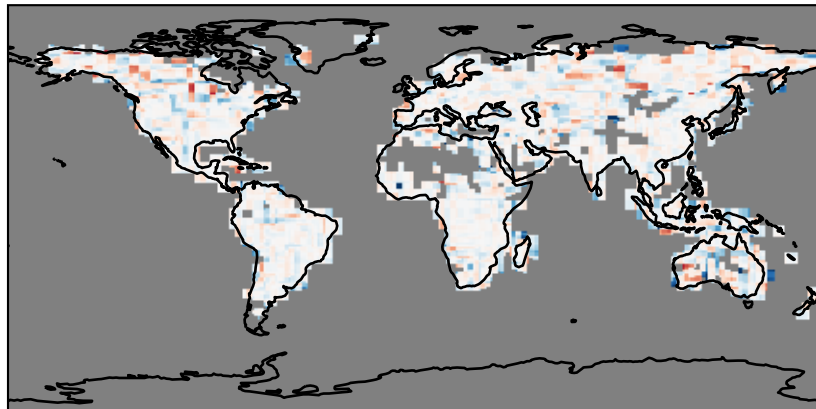
Difference (1x1.25)  
Dev - Ref, Dynamic Range



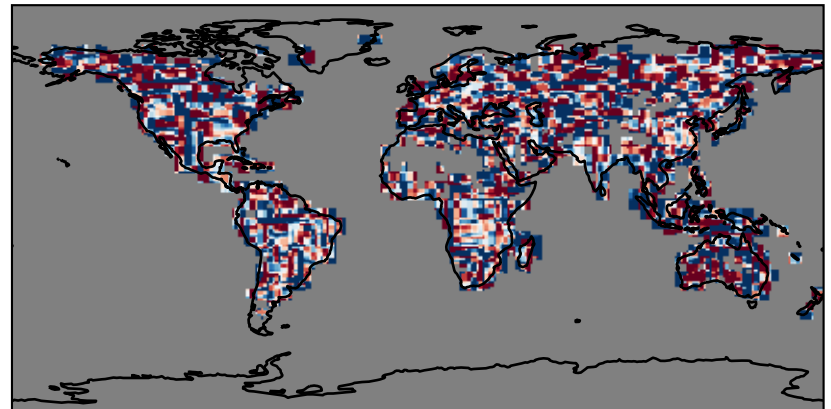
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

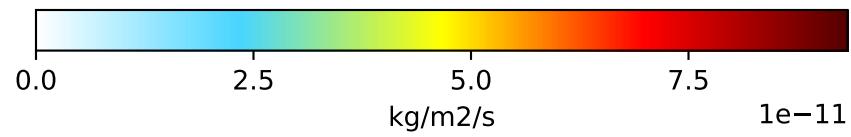
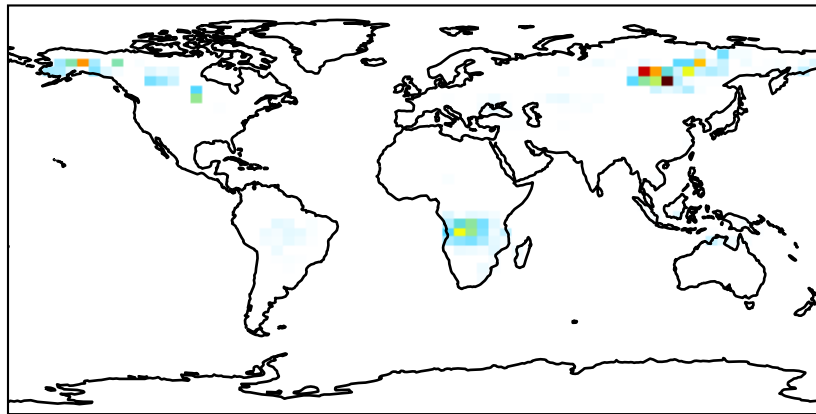


Ratio (1x1.25)  
Dev/Ref, Fixed Range

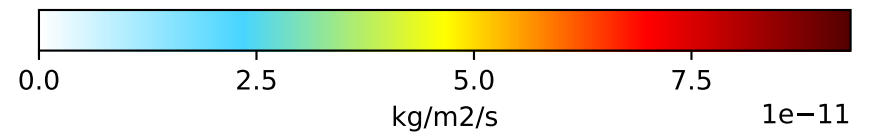
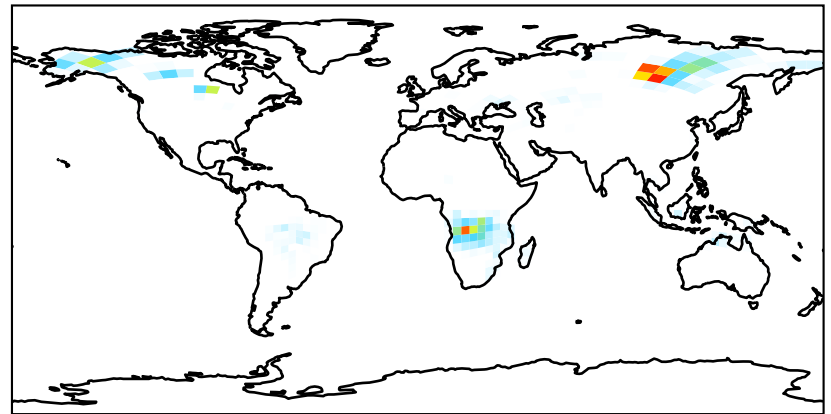


# EmisFURA\_BioBurn

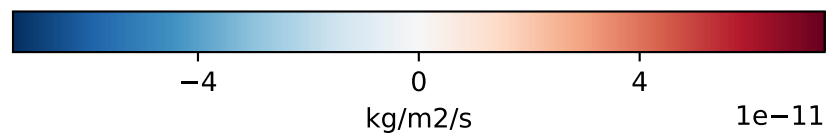
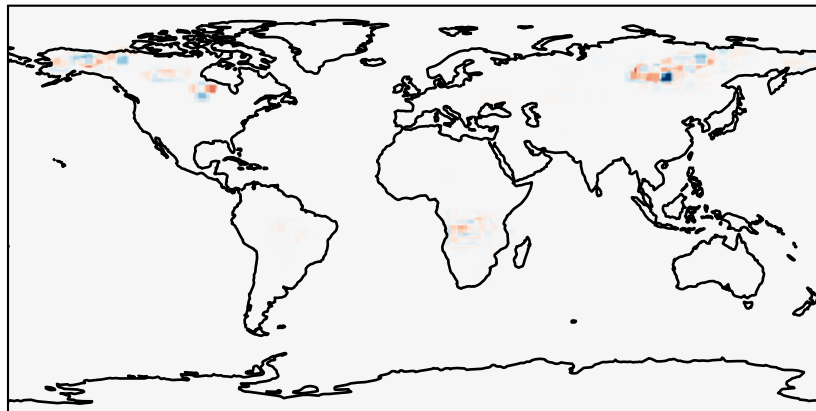
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



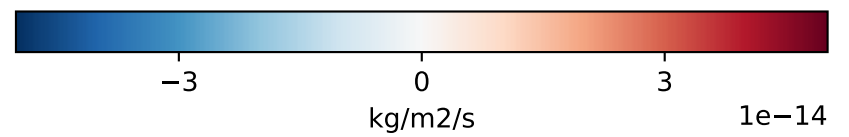
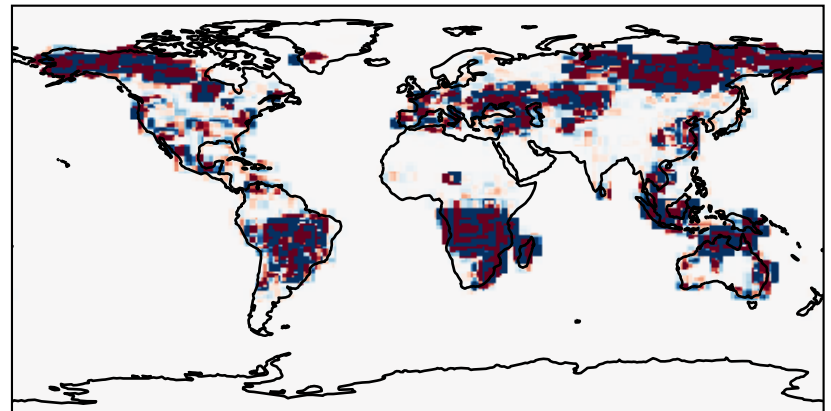
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



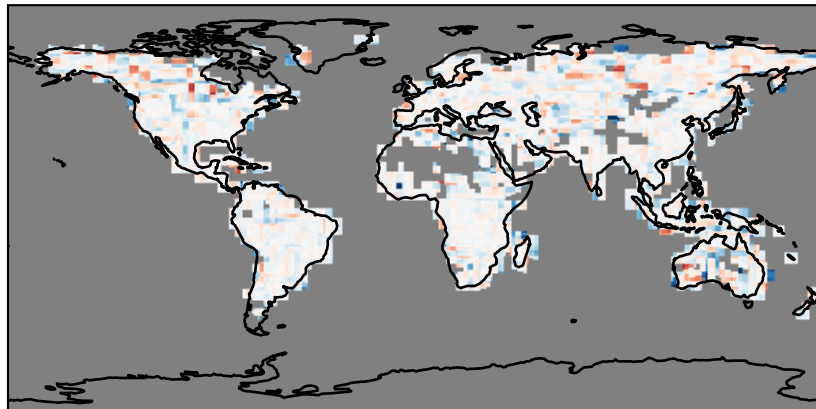
Difference (1x1.25)  
Dev - Ref, Dynamic Range



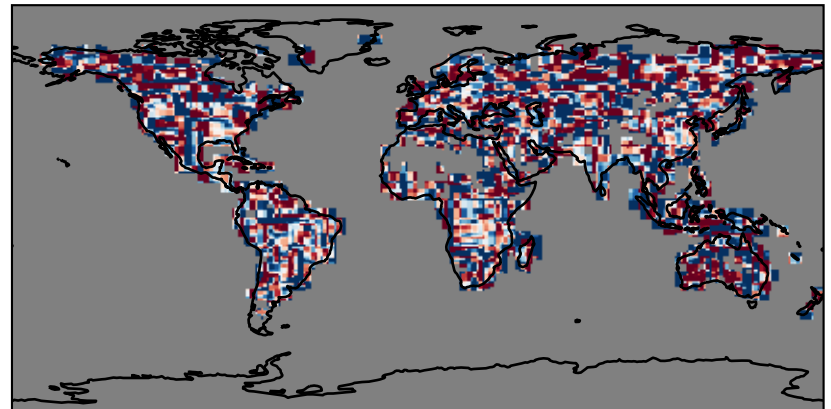
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



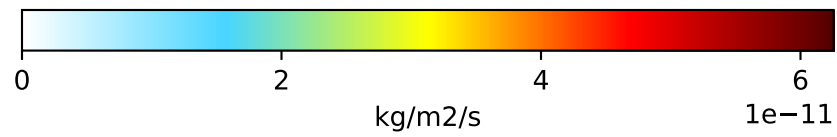
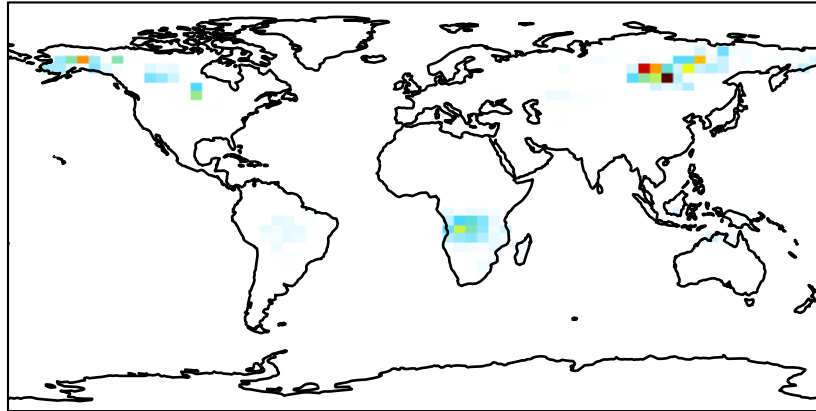
Ratio (1x1.25)  
Dev/Ref, Fixed Range



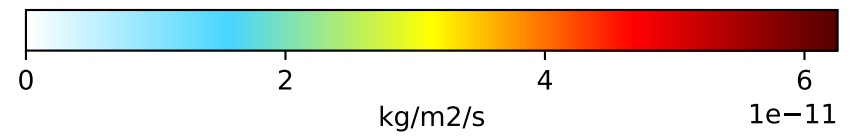
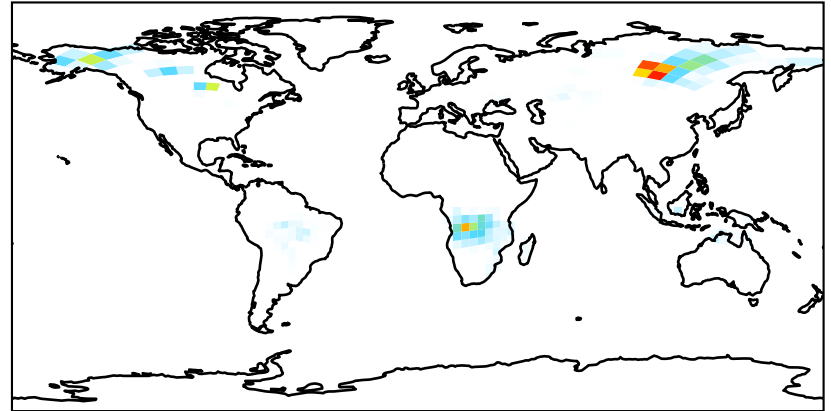


# EmisGLYX\_BioBurn

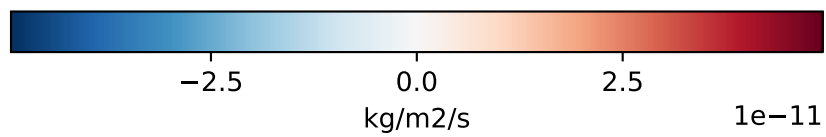
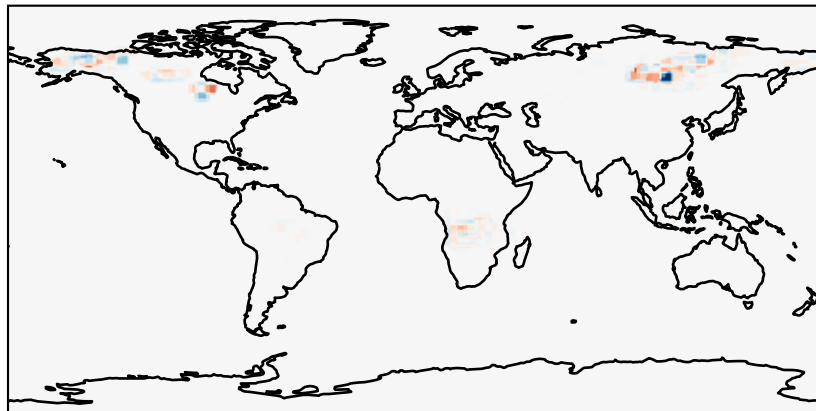
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



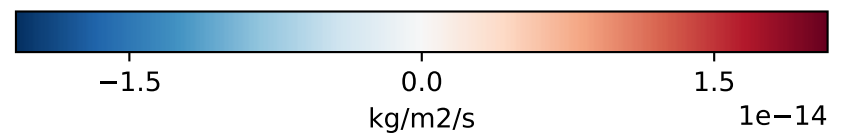
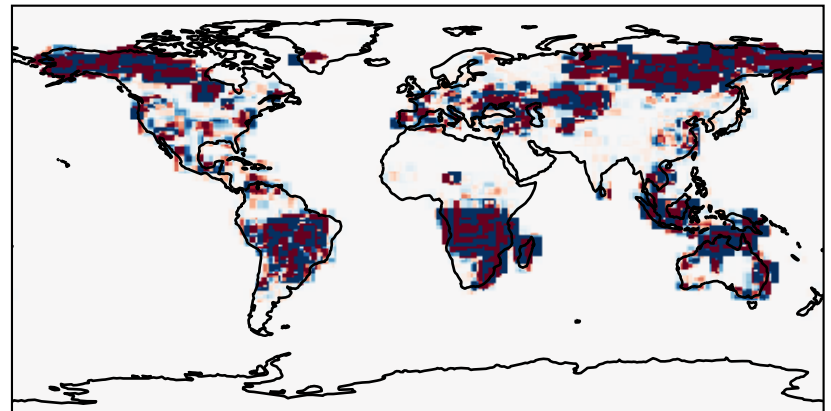
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



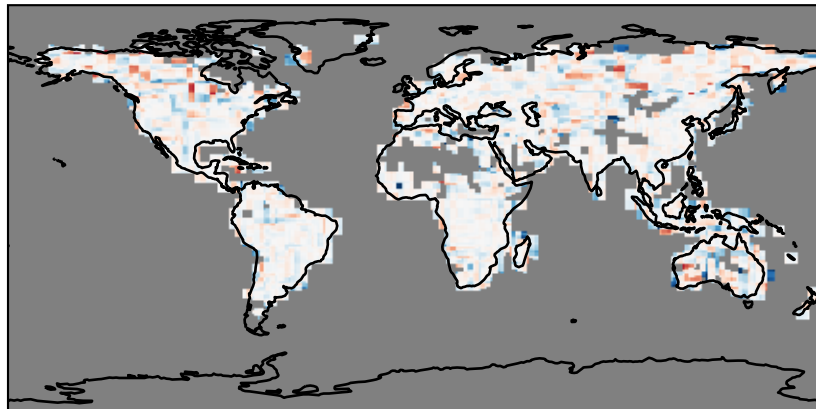
Difference (1x1.25)  
Dev - Ref, Dynamic Range



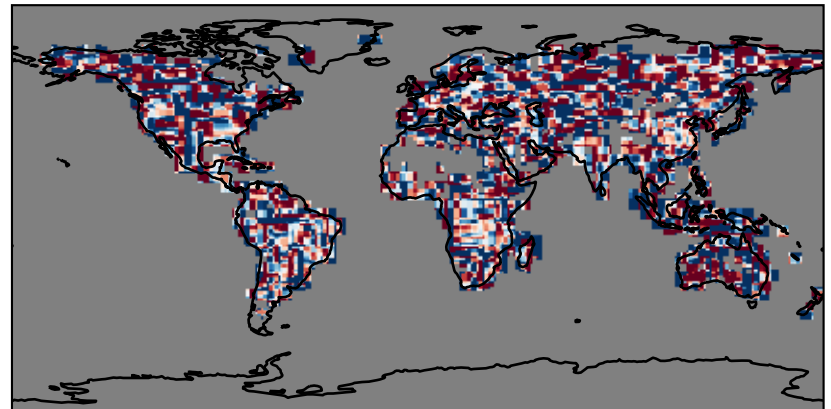
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

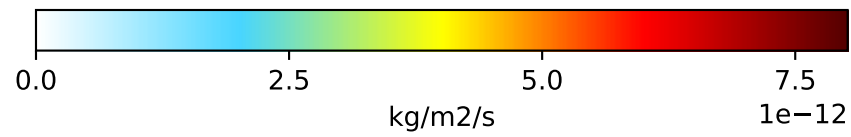
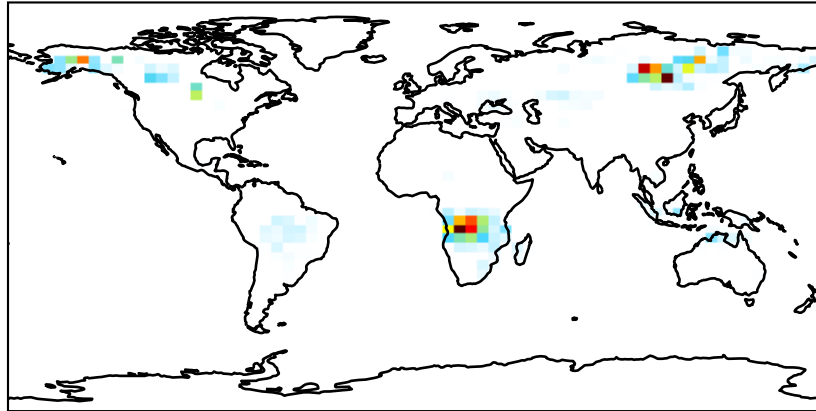


Ratio (1x1.25)  
Dev/Ref, Fixed Range

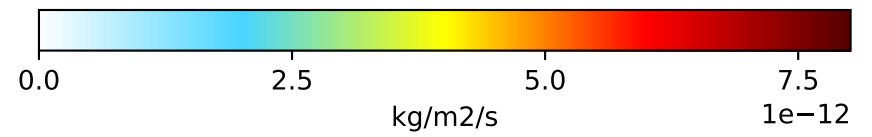
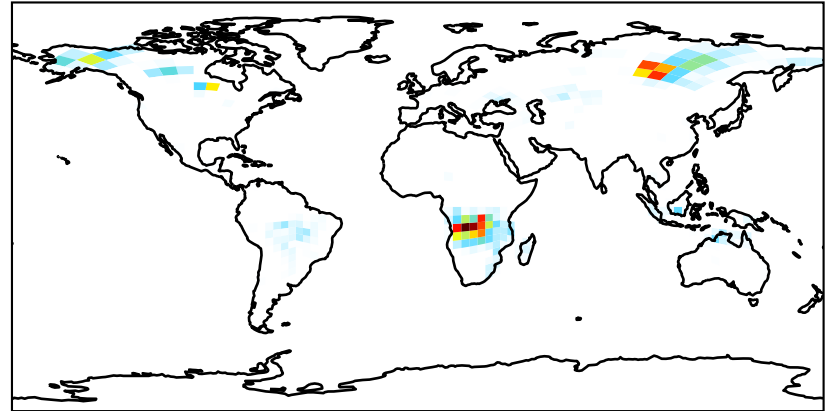


# EmisISOP\_BioBurn

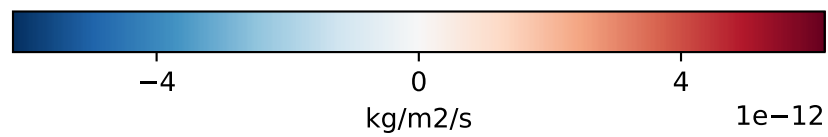
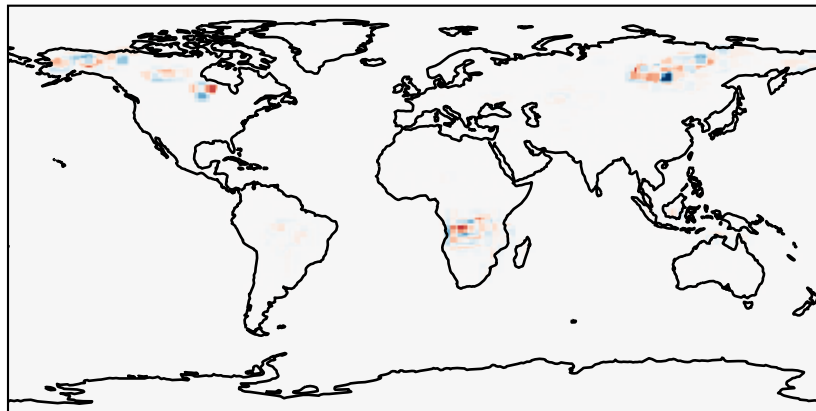
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



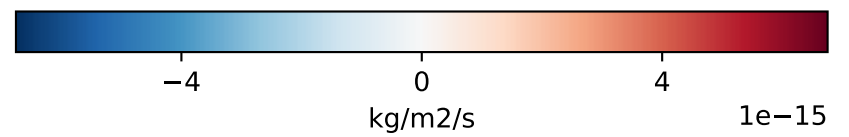
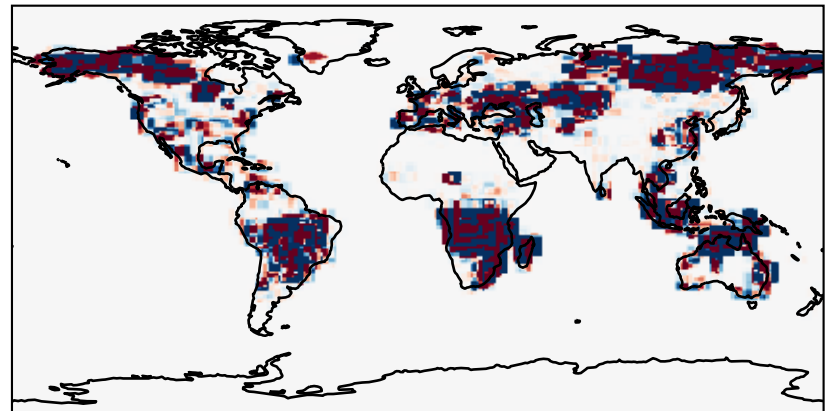
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



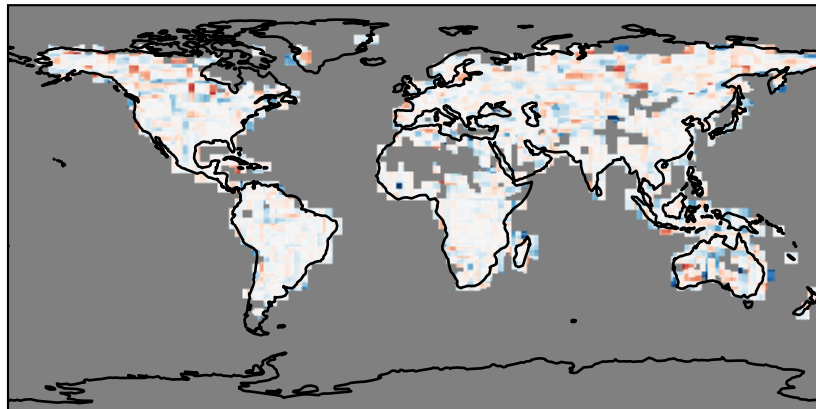
Difference (1x1.25)  
Dev - Ref, Dynamic Range



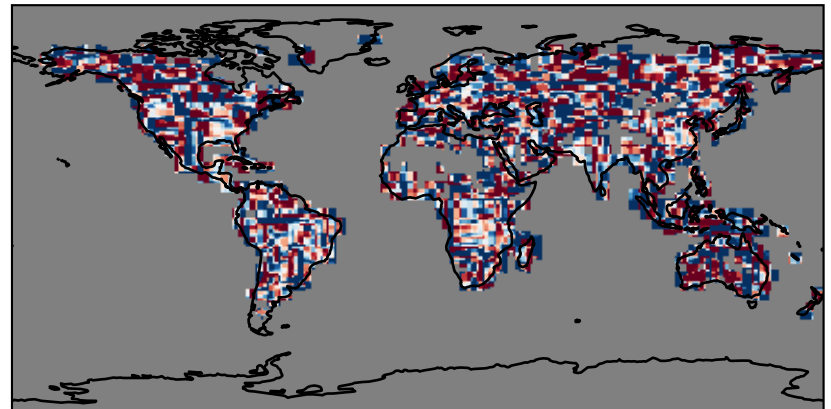
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

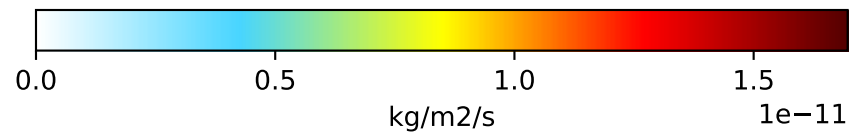
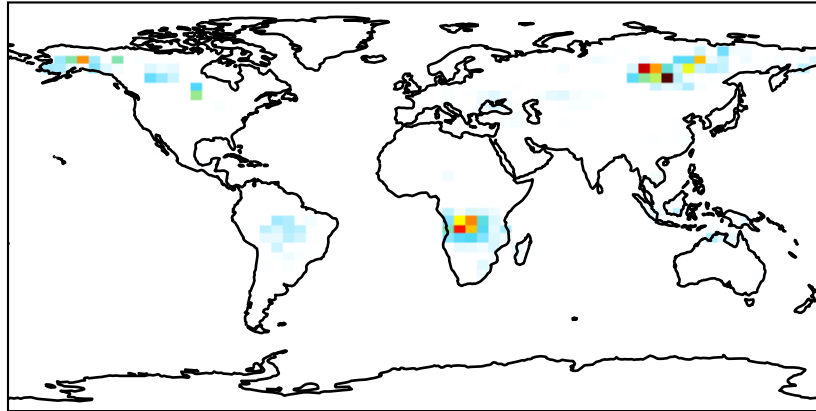


Ratio (1x1.25)  
Dev/Ref, Fixed Range

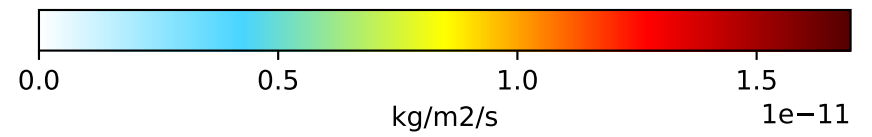
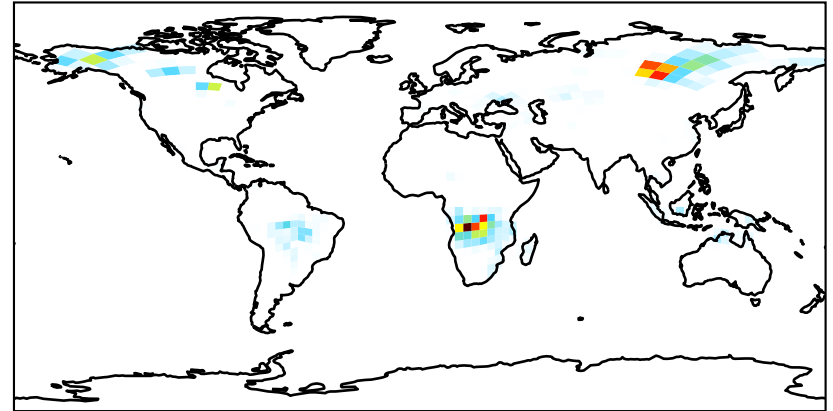


# EmisMEK\_BioBurn

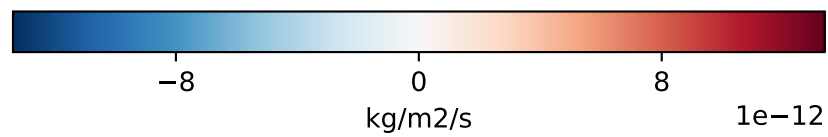
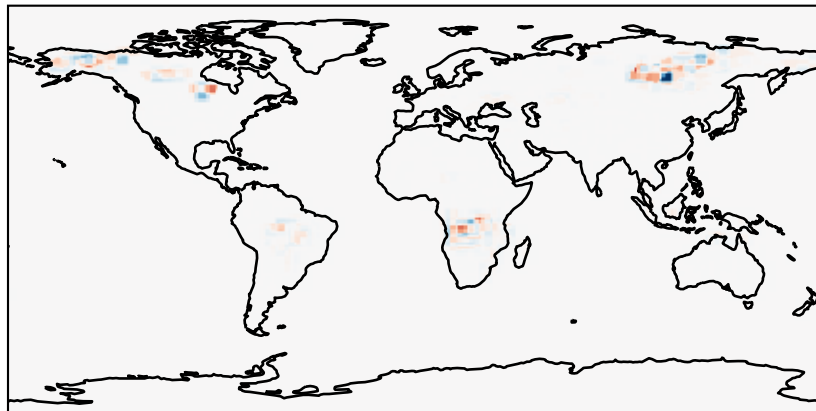
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



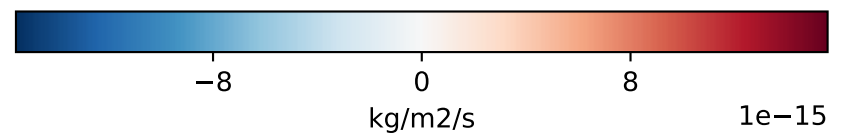
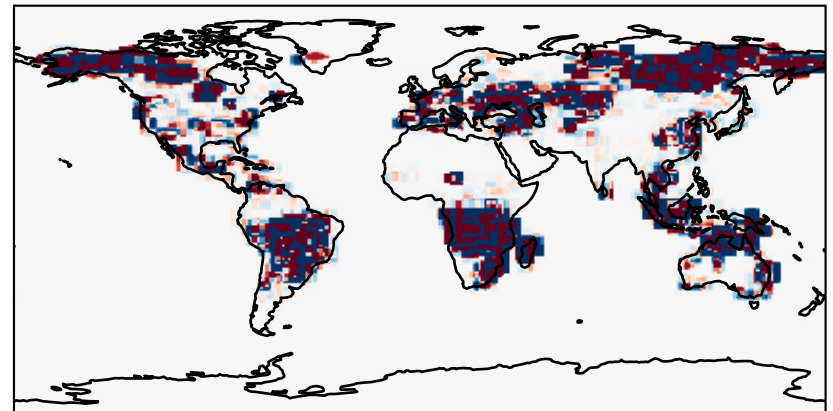
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



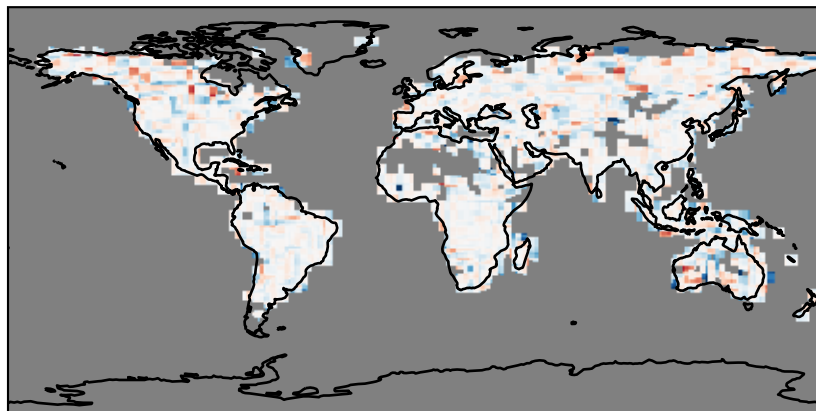
Difference (1x1.25)  
Dev - Ref, Dynamic Range



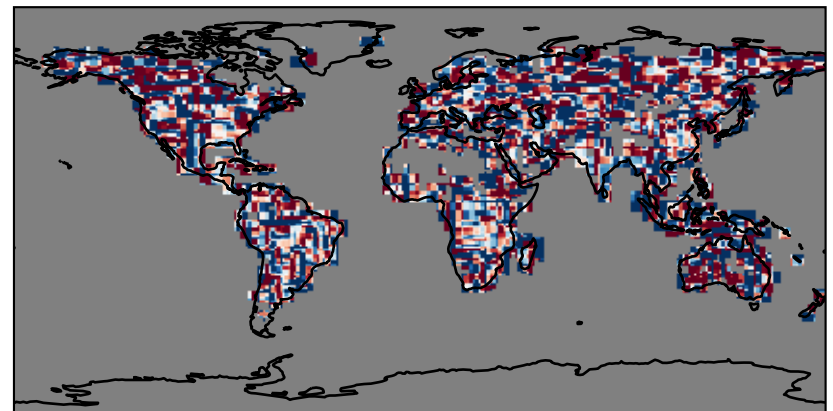
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

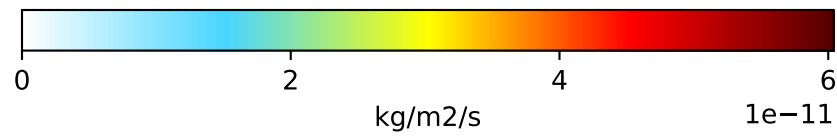
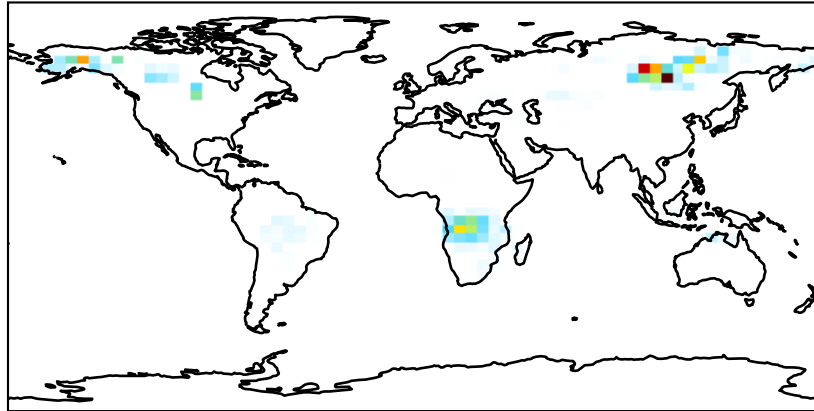


Ratio (1x1.25)  
Dev/Ref, Fixed Range

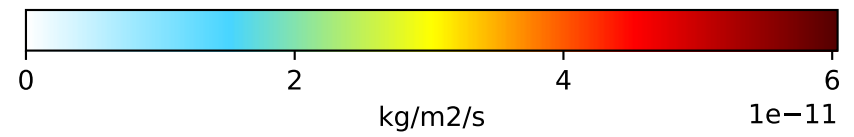
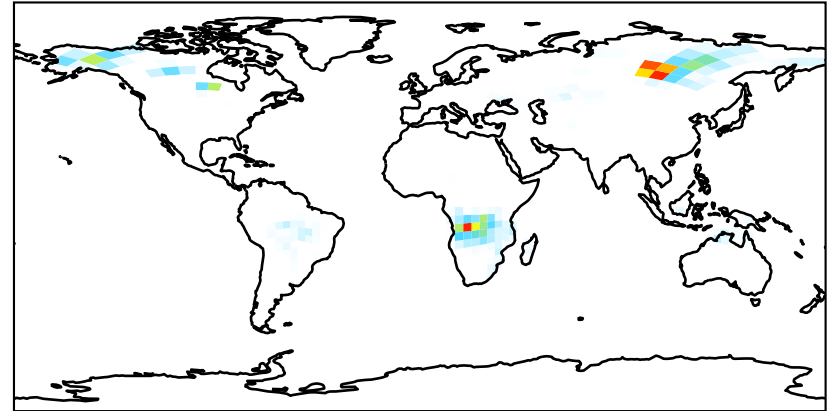


# EmisMGLY\_BioBurn

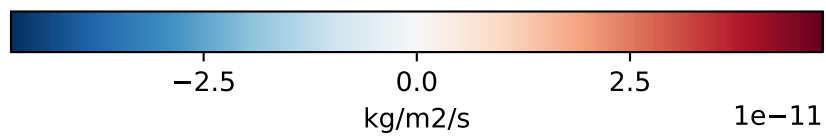
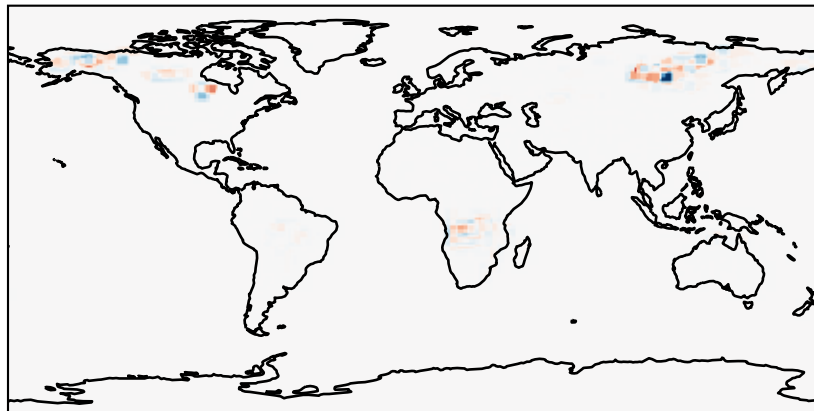
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



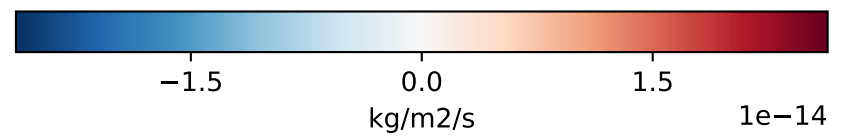
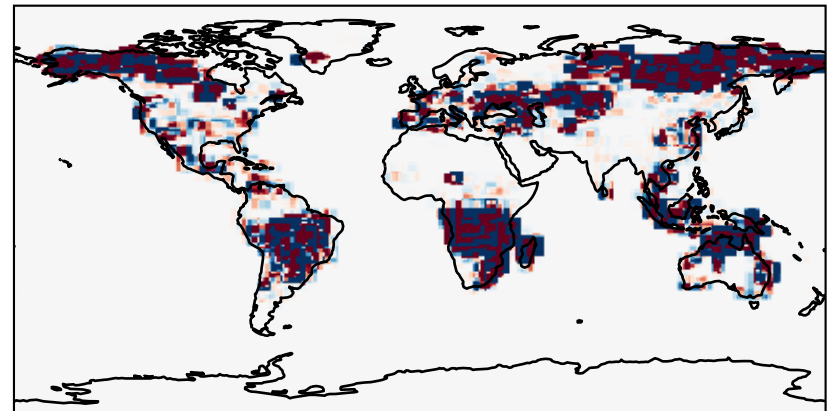
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



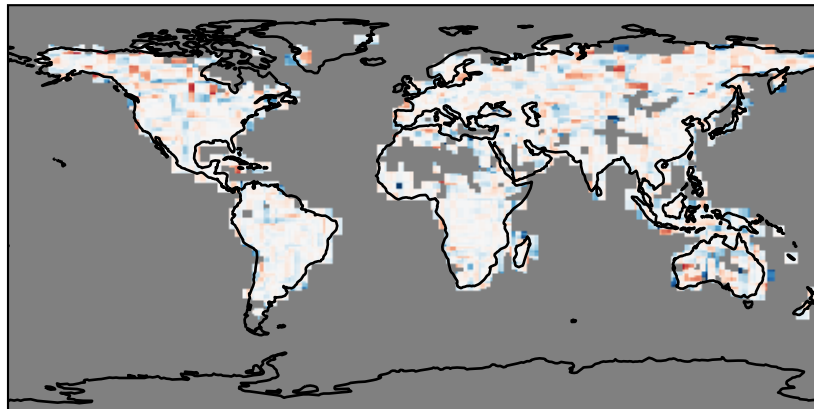
Difference (1x1.25)  
Dev - Ref, Dynamic Range



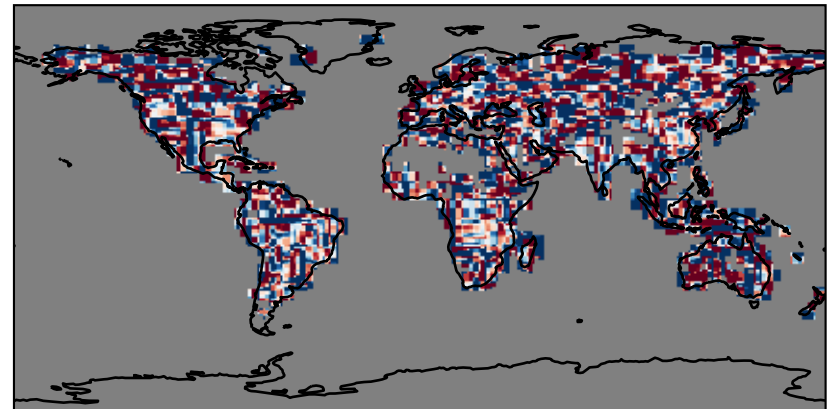
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



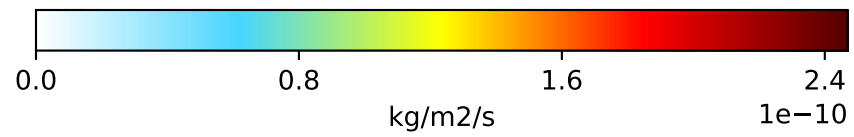
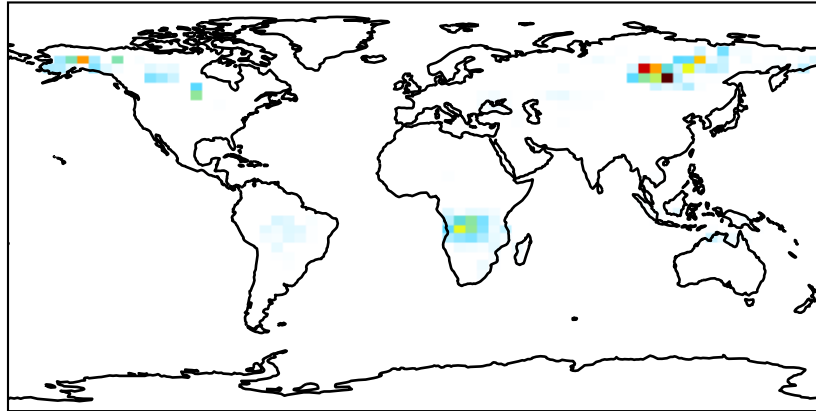
Ratio (1x1.25)  
Dev/Ref, Fixed Range



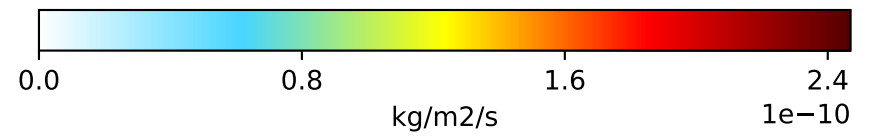
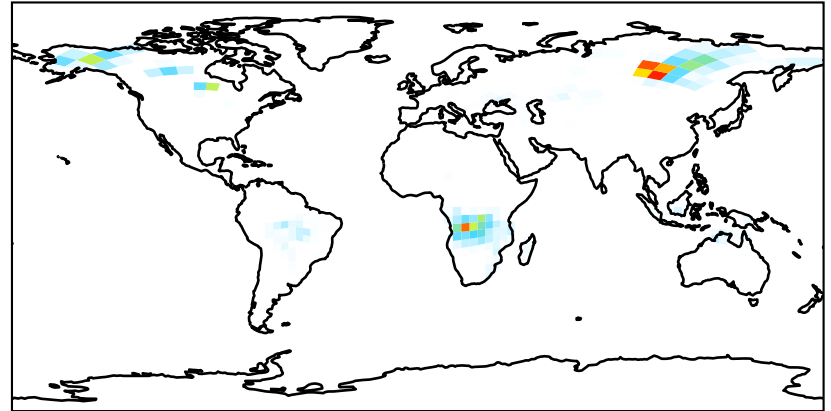


# EmisMOH\_BioBurn

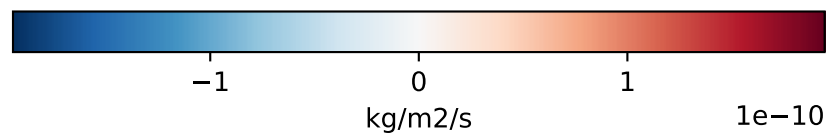
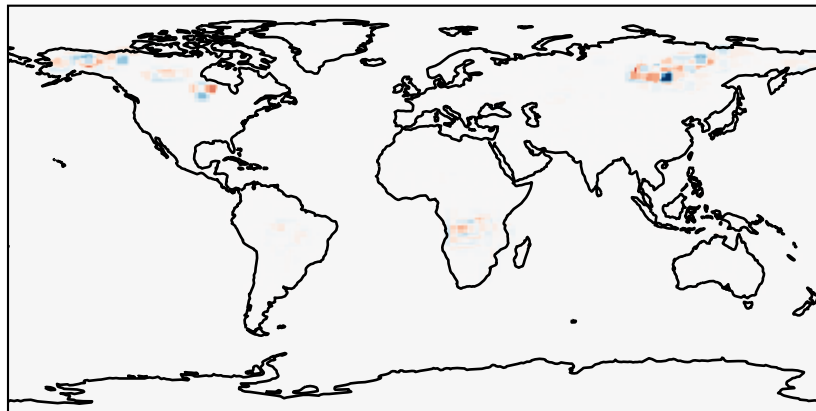
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



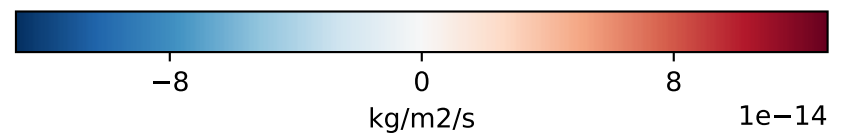
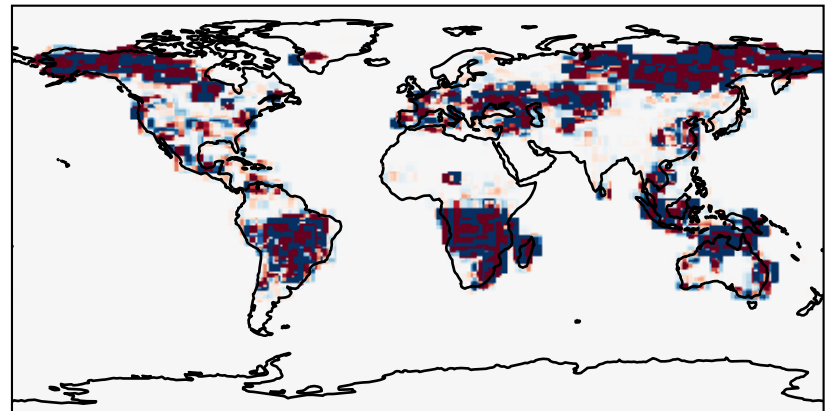
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



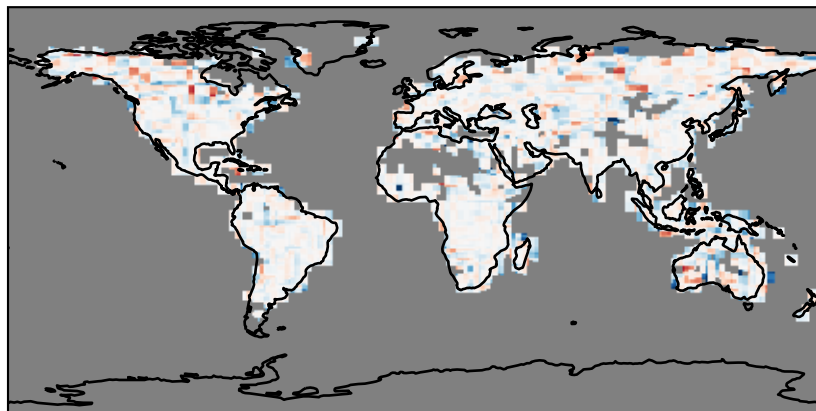
Difference (1x1.25)  
Dev - Ref, Dynamic Range



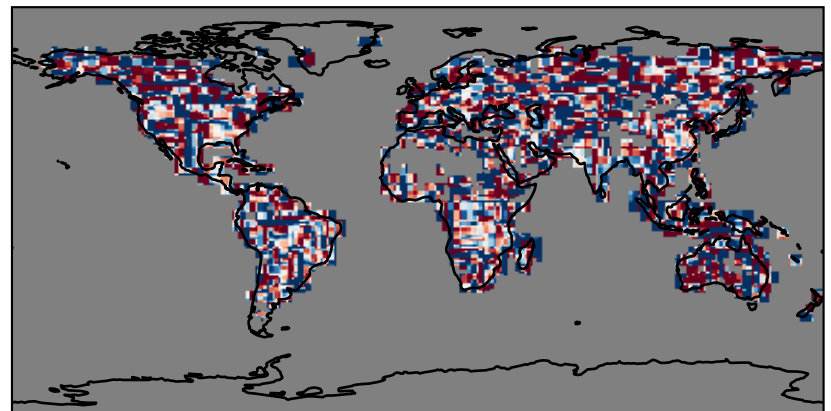
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

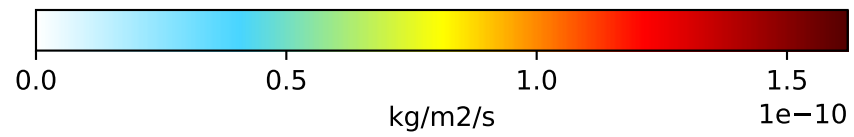
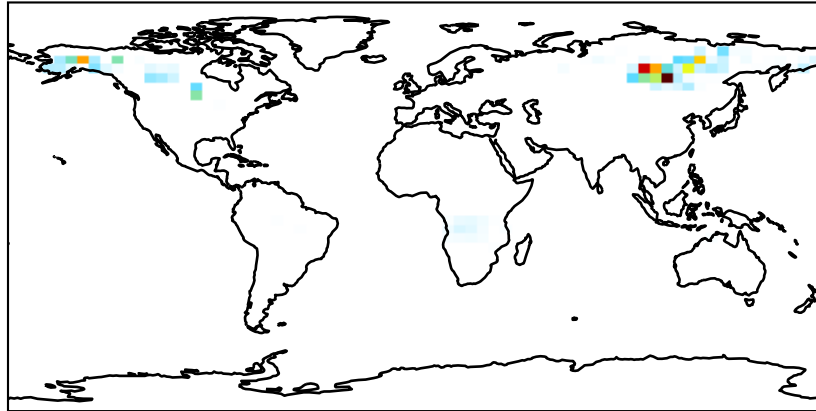


Ratio (1x1.25)  
Dev/Ref, Fixed Range

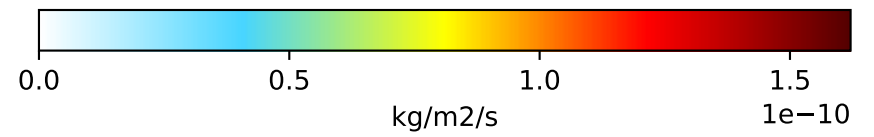
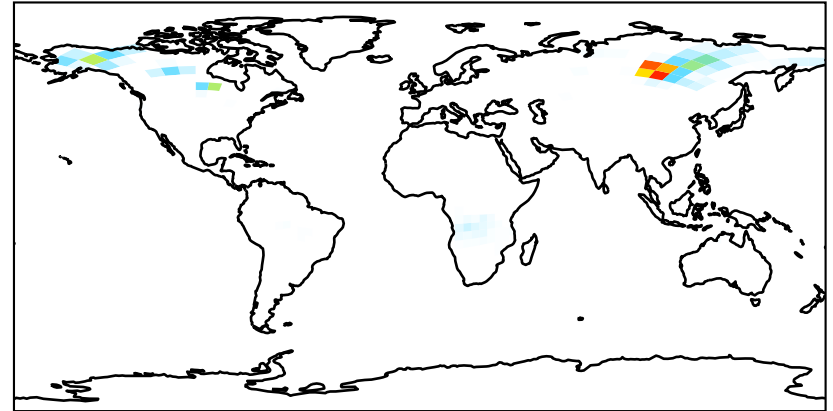


# EmisMTPA\_BioBurn

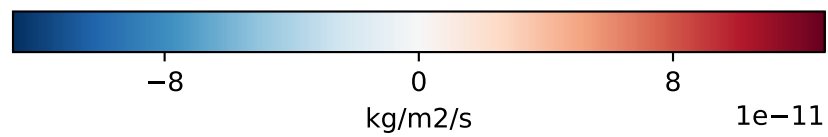
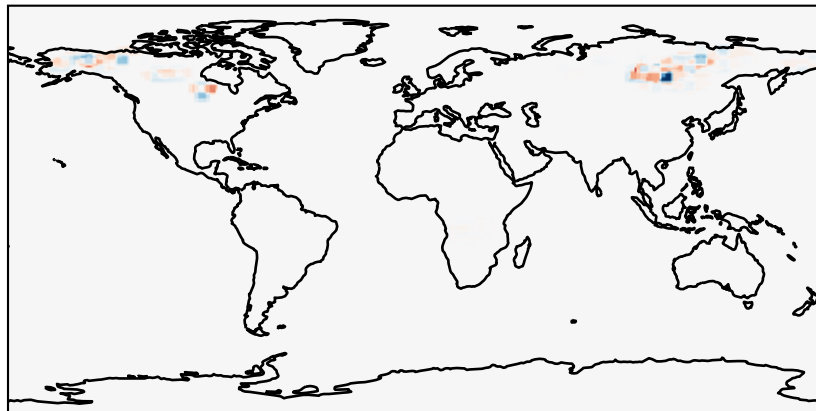
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



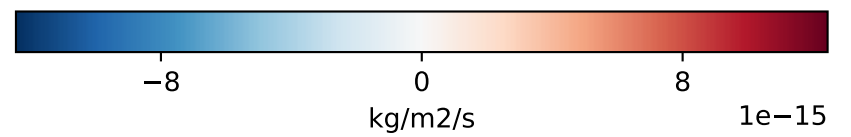
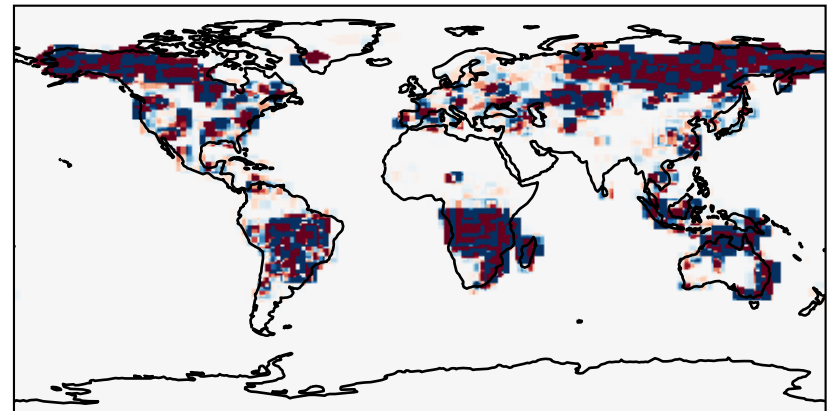
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



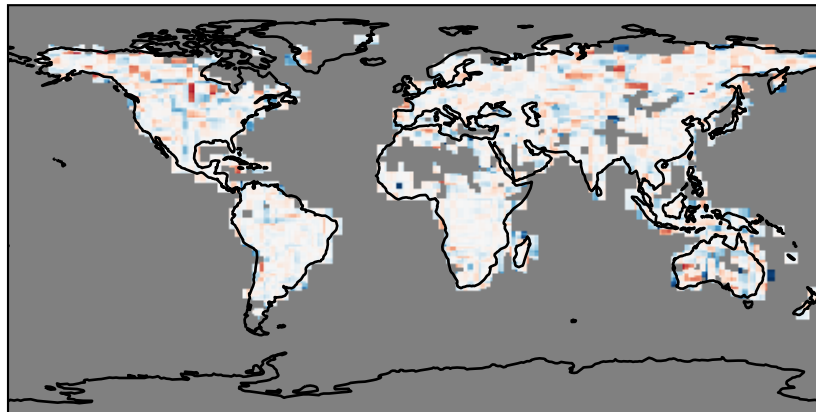
Difference (1x1.25)  
Dev - Ref, Dynamic Range



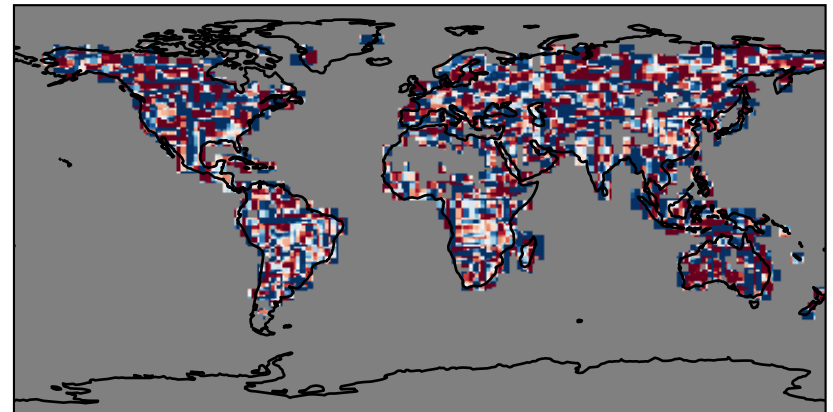
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

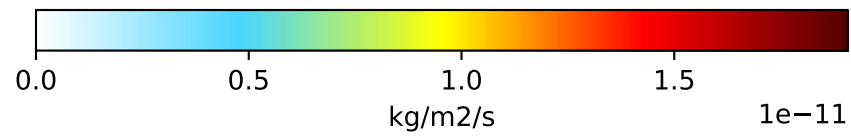
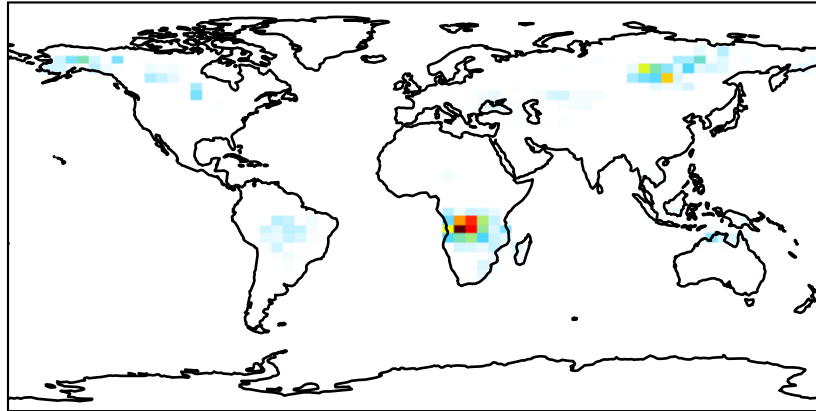


Ratio (1x1.25)  
Dev/Ref, Fixed Range

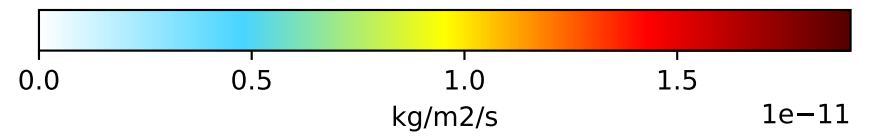
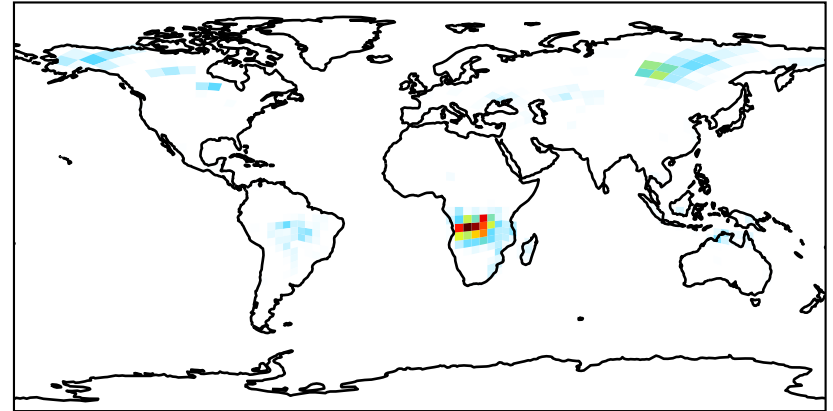


# EmisMVK\_BioBurn

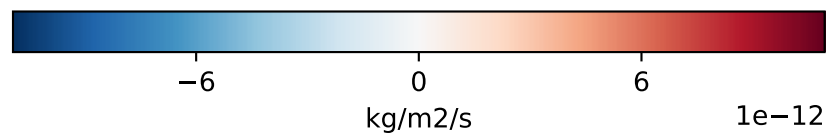
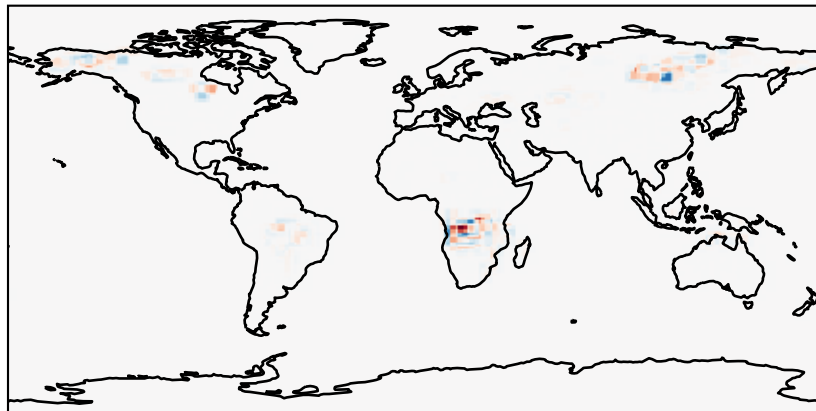
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



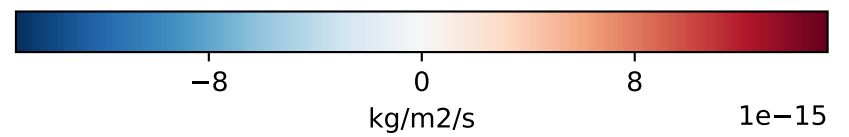
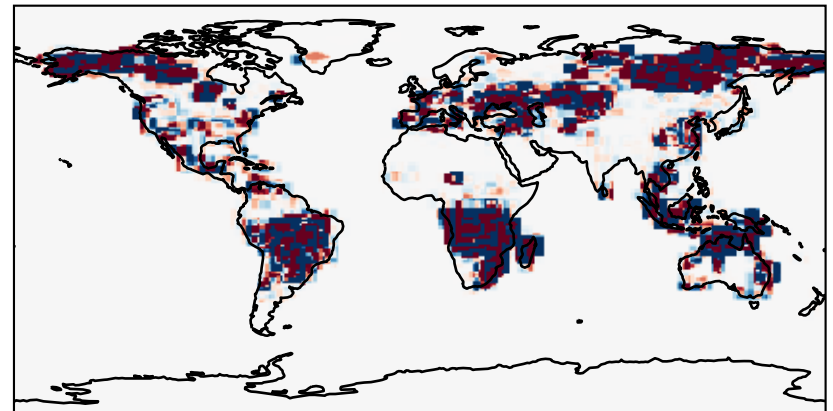
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



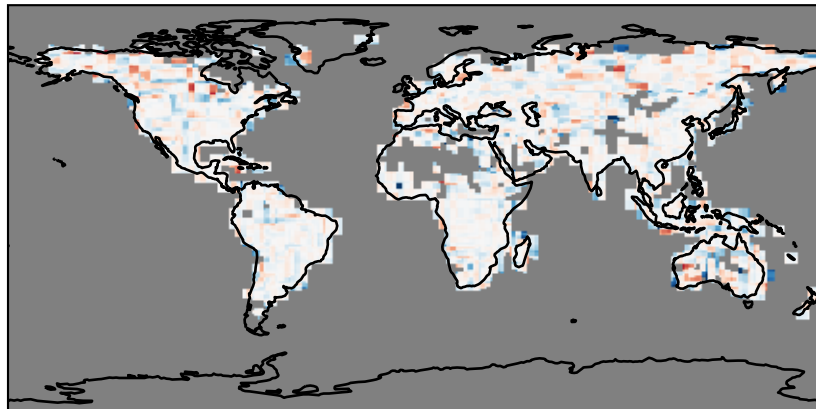
Difference (1x1.25)  
Dev - Ref, Dynamic Range



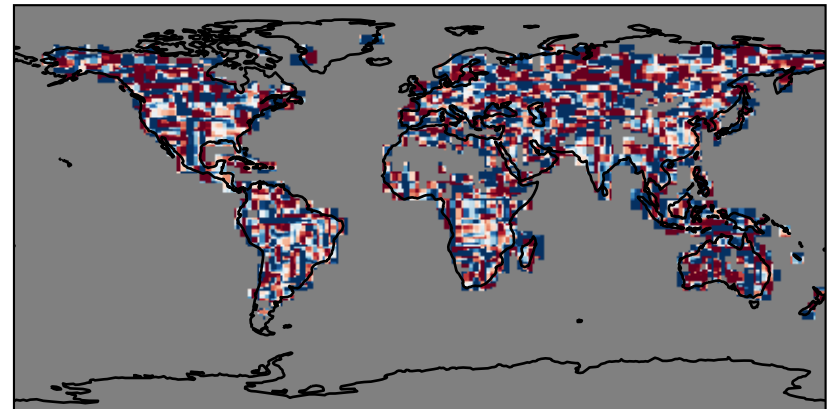
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



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



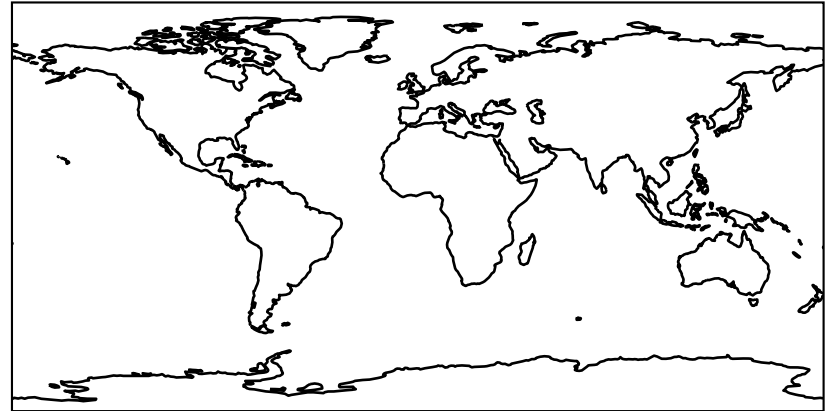
# EmisNAP\_BioBurn

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



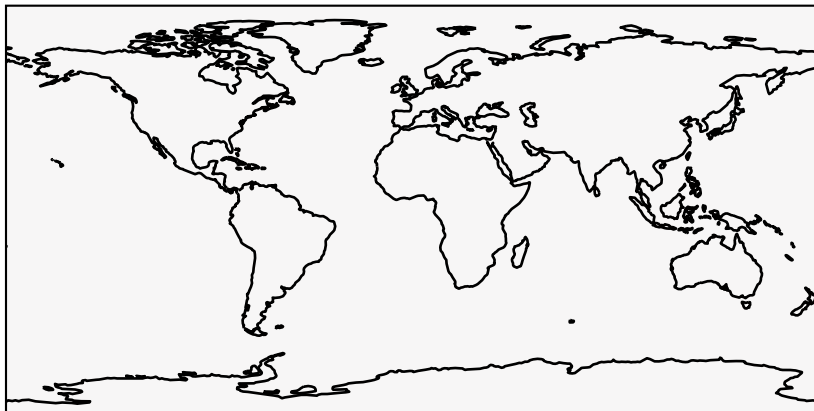
Zero throughout domain  
kg/m2/s

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



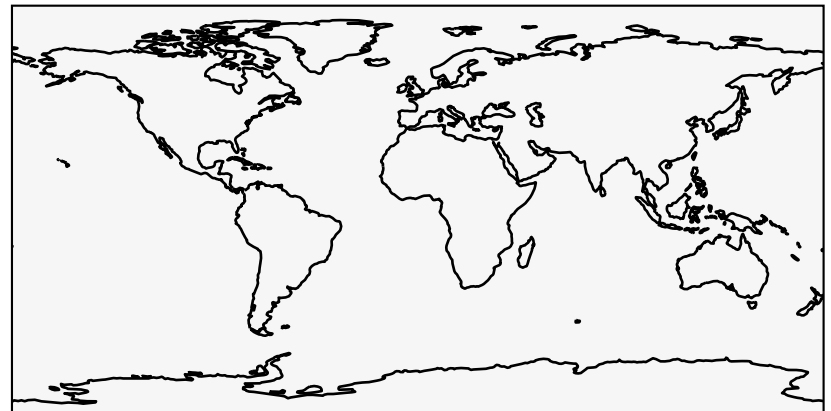
Zero throughout domain  
kg/m2/s

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



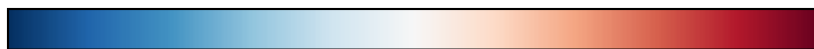
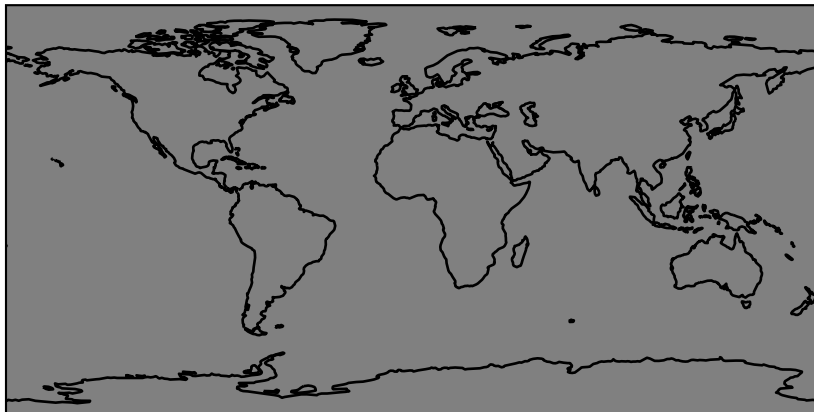
Zero throughout domain  
kg/m2/s

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



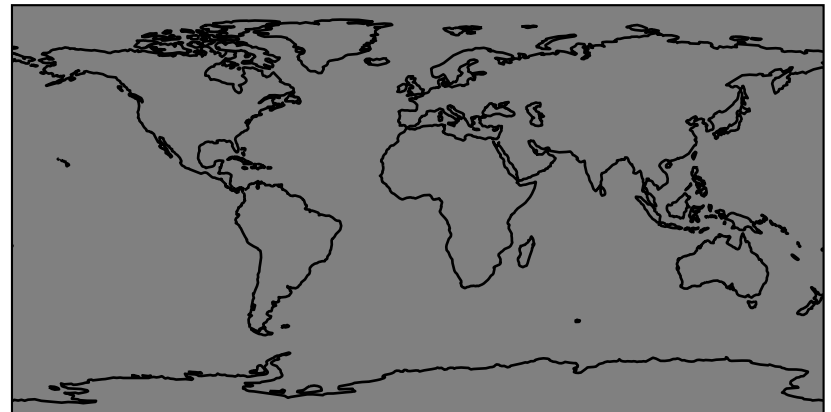
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

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

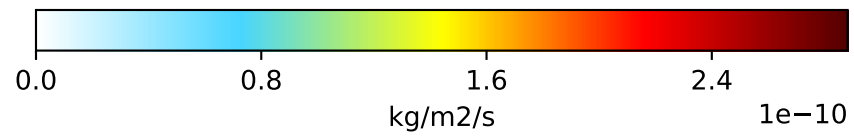
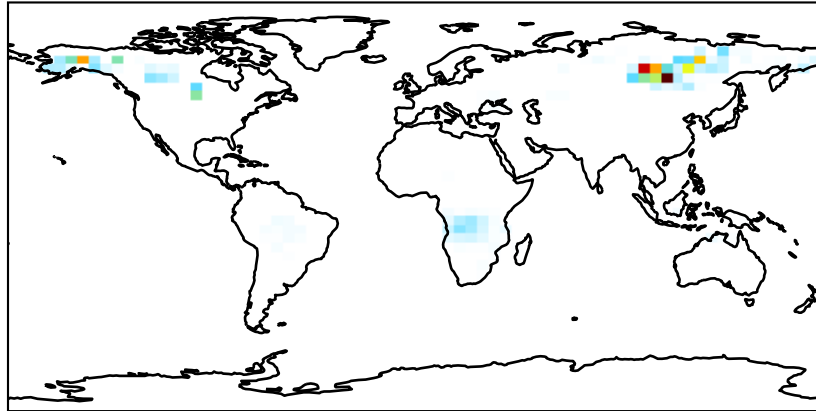


Undefined throughout domain  
unitless

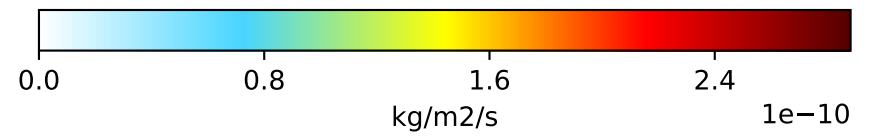
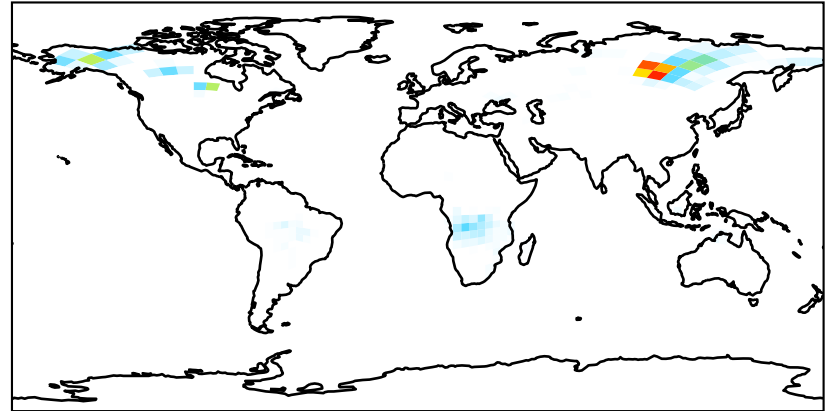


# EmisNH3\_BioBurn

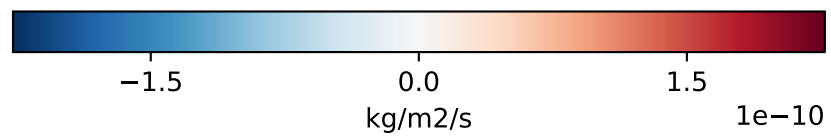
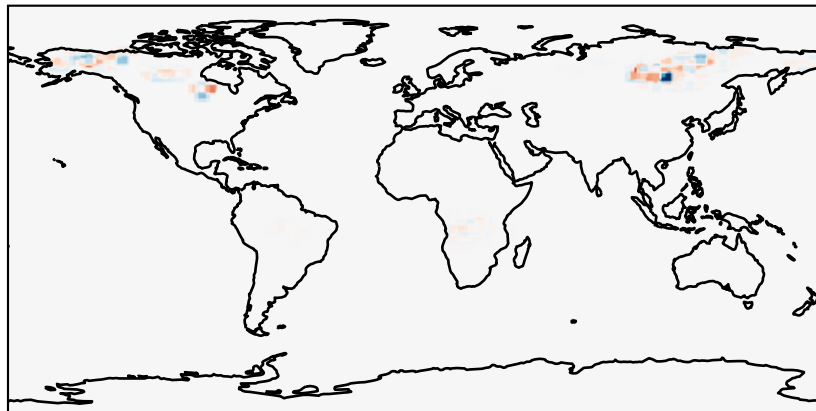
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



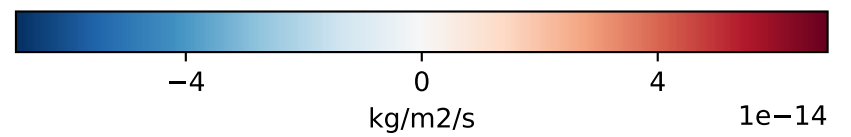
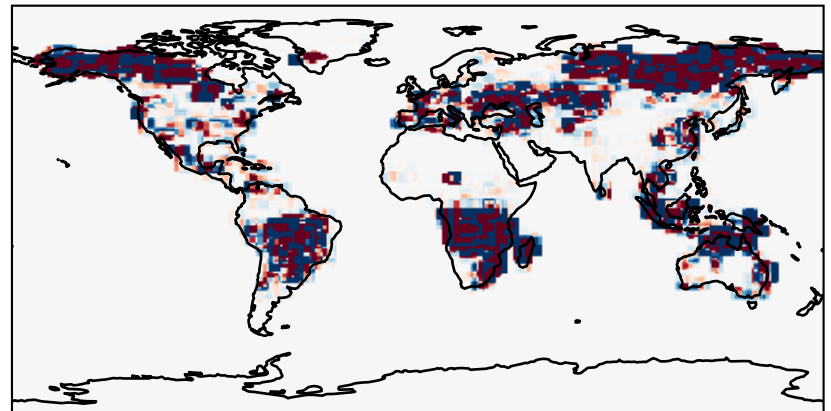
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



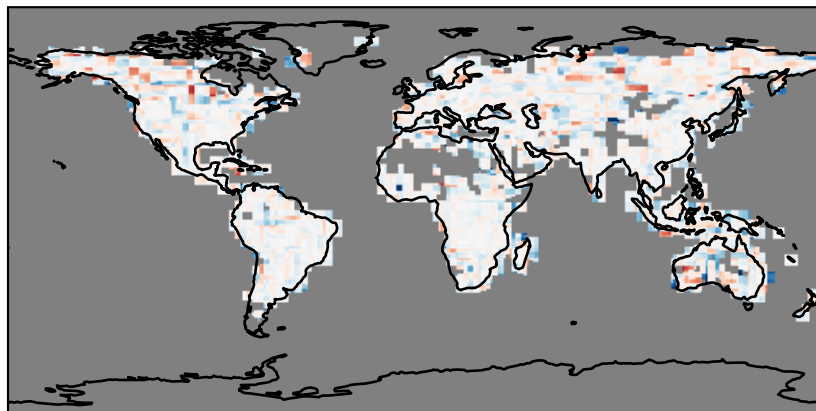
Difference (1x1.25)  
Dev - Ref, Dynamic Range



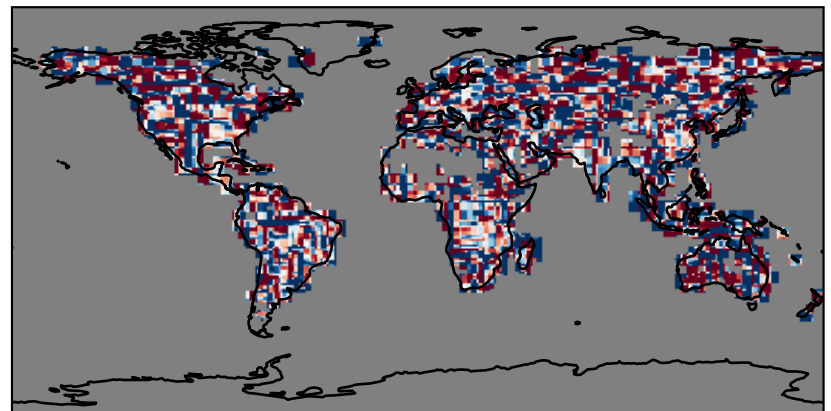
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

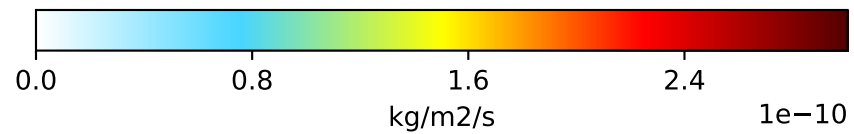
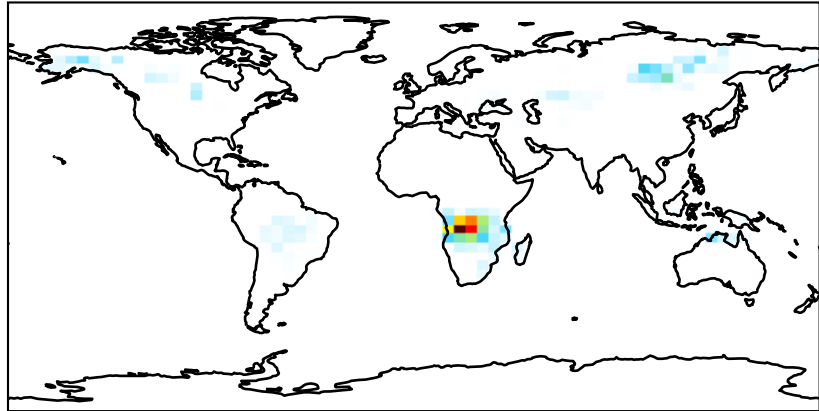


Ratio (1x1.25)  
Dev/Ref, Fixed Range

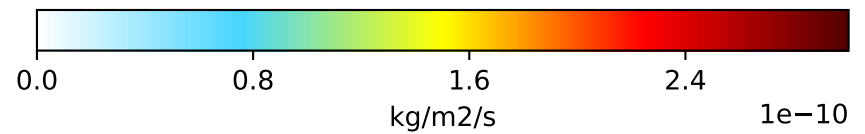
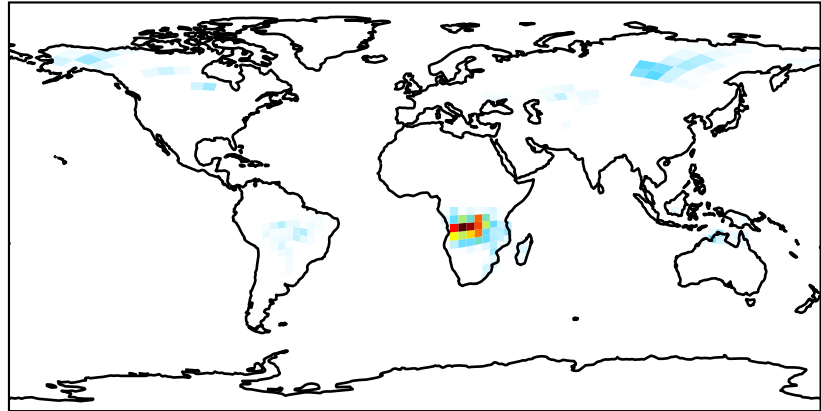


# EmisNO\_BioBurn

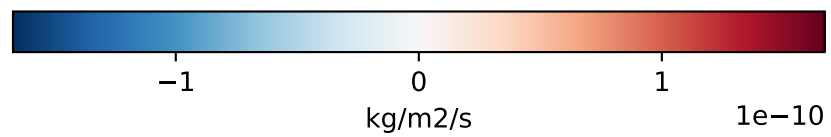
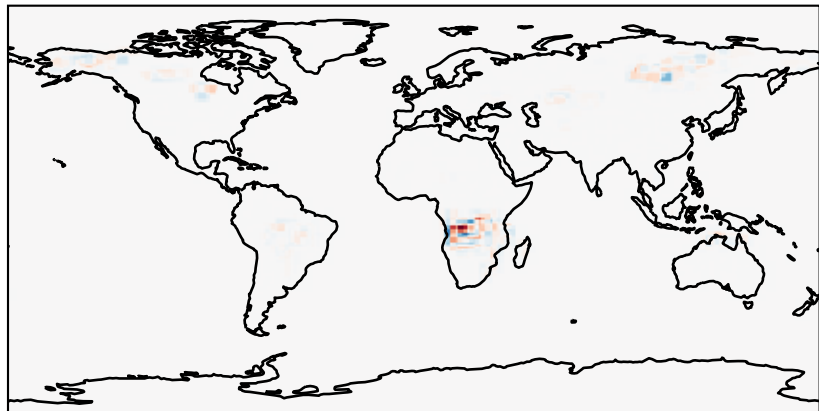
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



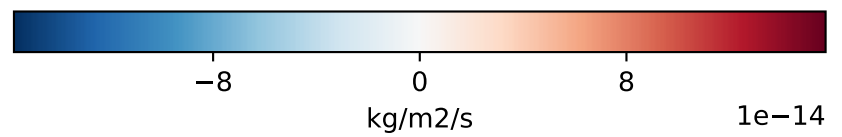
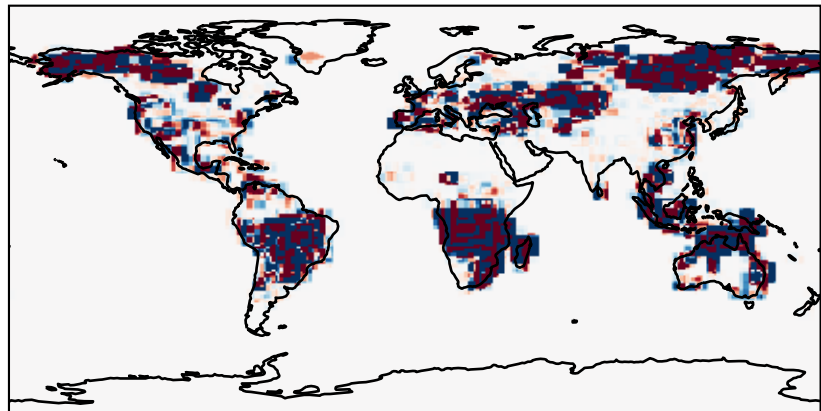
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



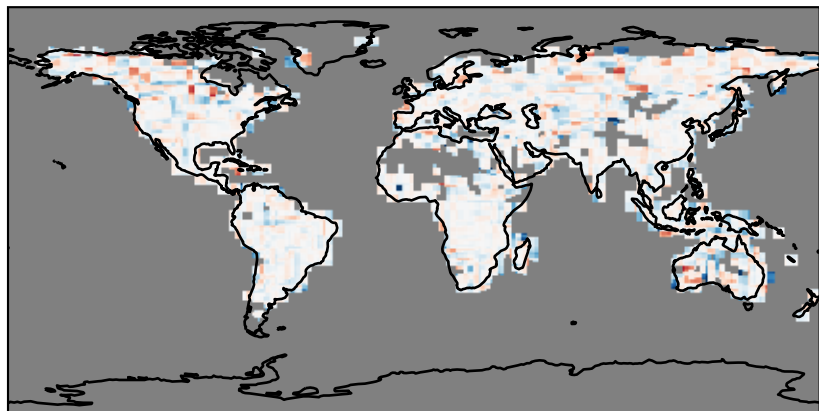
Difference (1x1.25)  
Dev - Ref, Dynamic Range



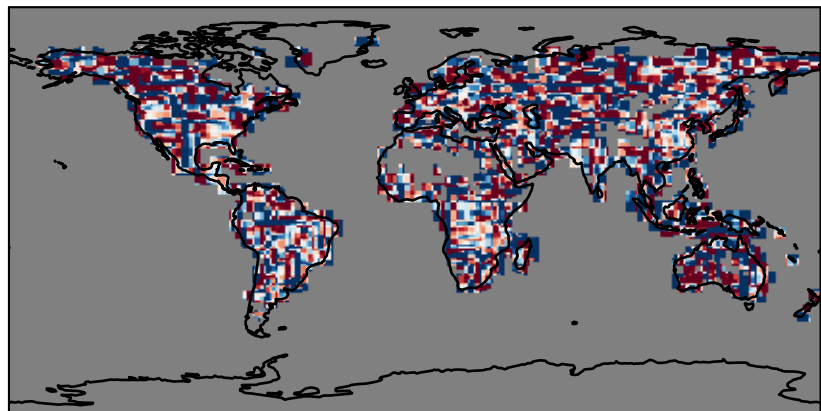
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

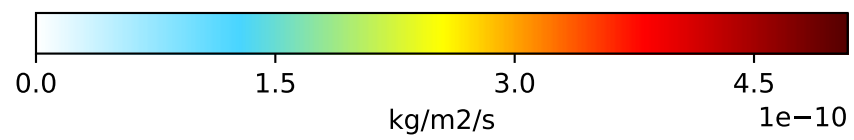
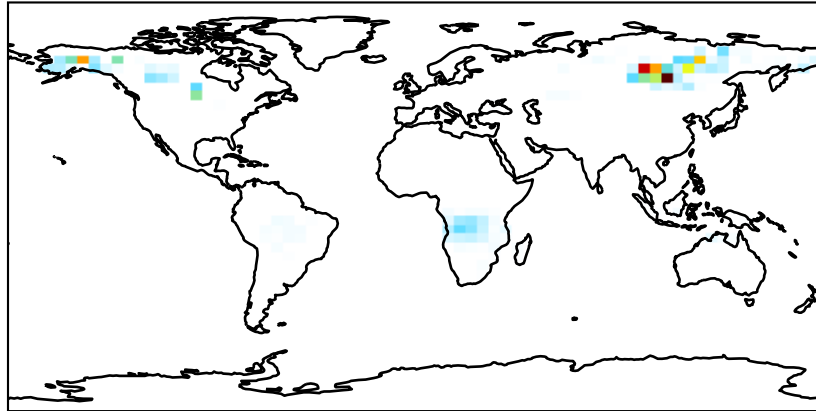


Ratio (1x1.25)  
Dev/Ref, Fixed Range

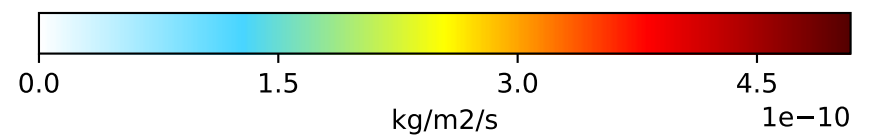
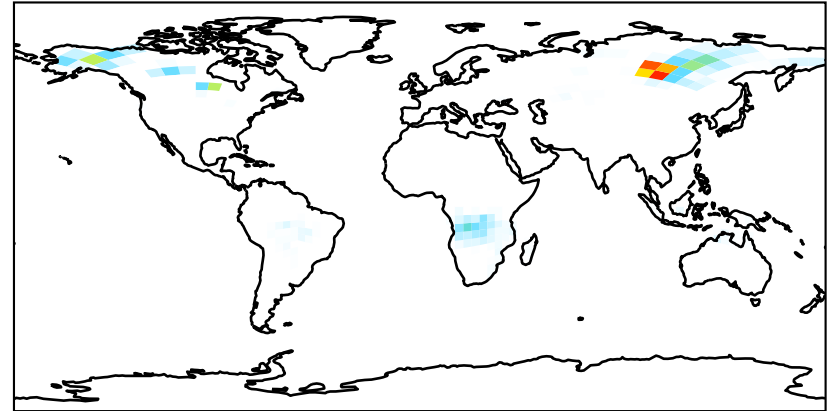


# EmisOCPI\_BioBurn

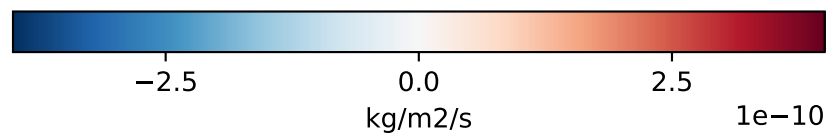
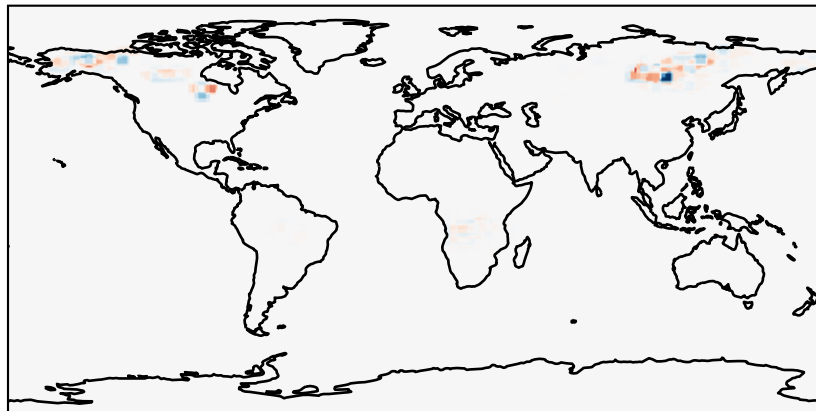
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



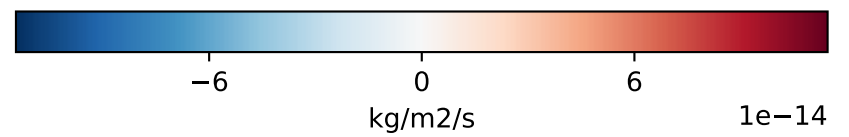
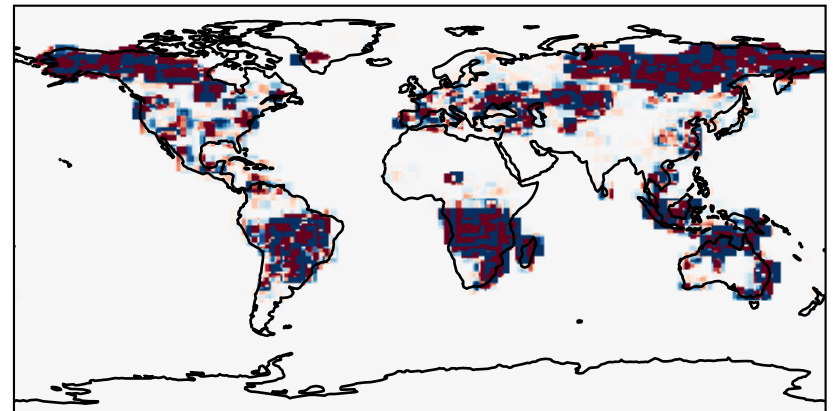
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



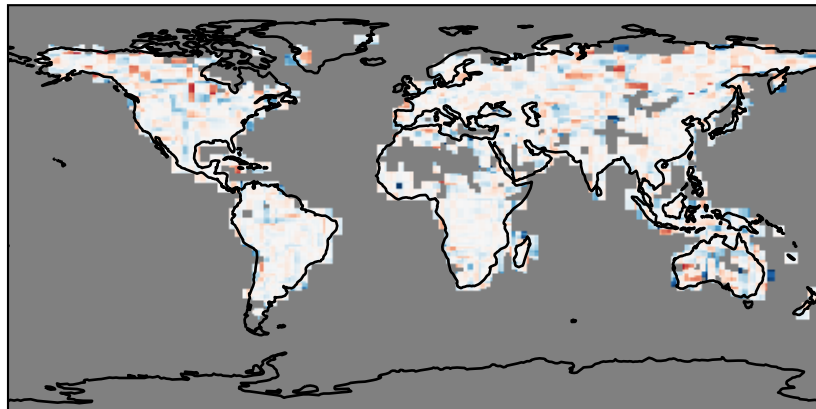
Difference (1x1.25)  
Dev - Ref, Dynamic Range



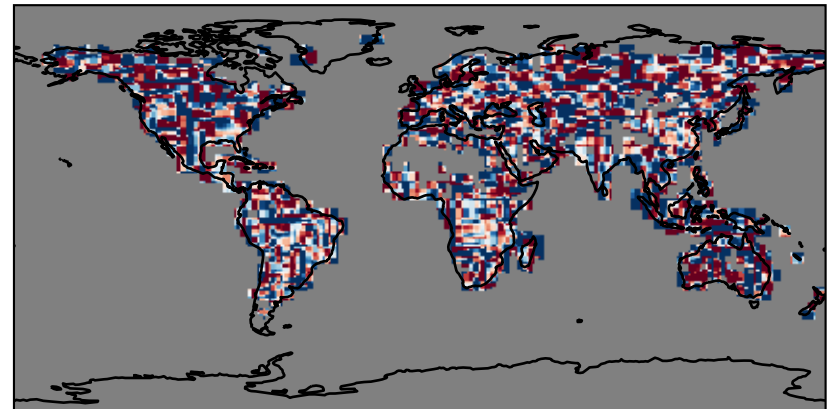
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

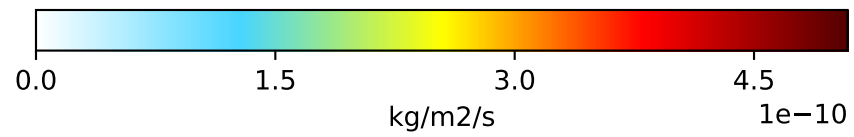
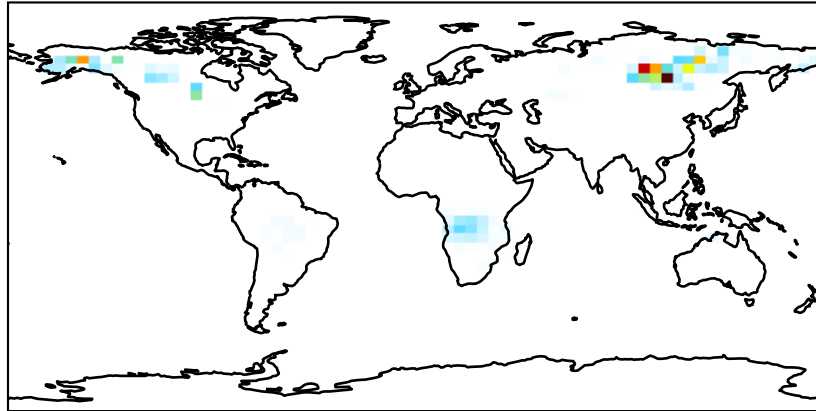


Ratio (1x1.25)  
Dev/Ref, Fixed Range

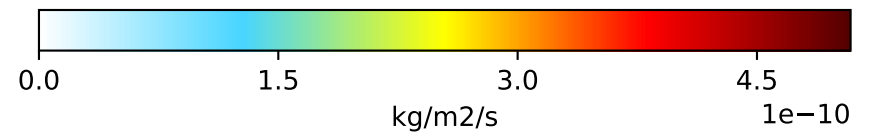
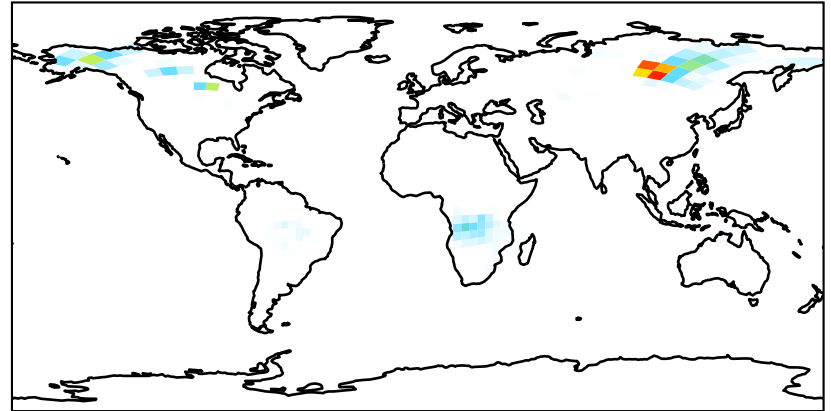


# EmisOCPO\_BioBurn

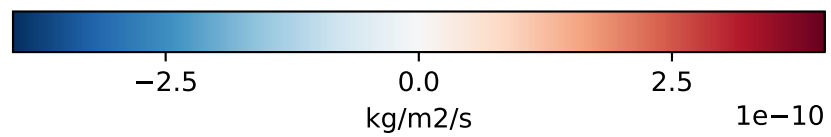
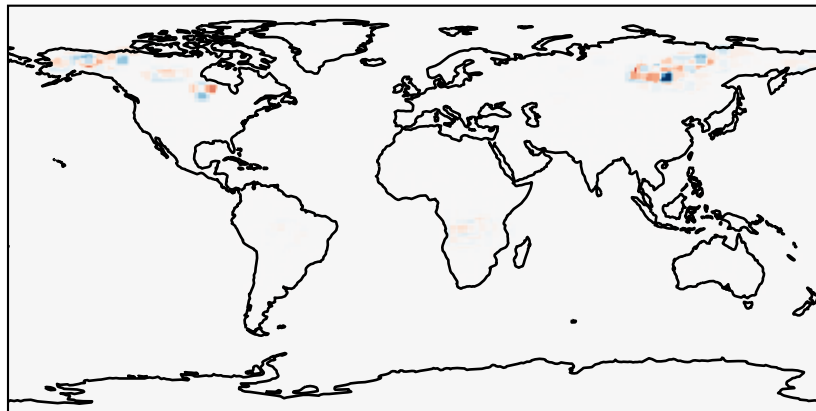
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



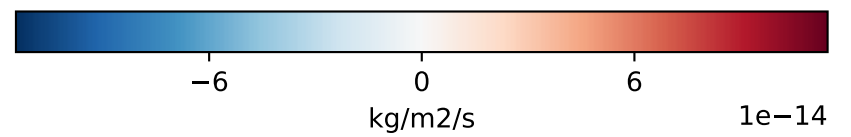
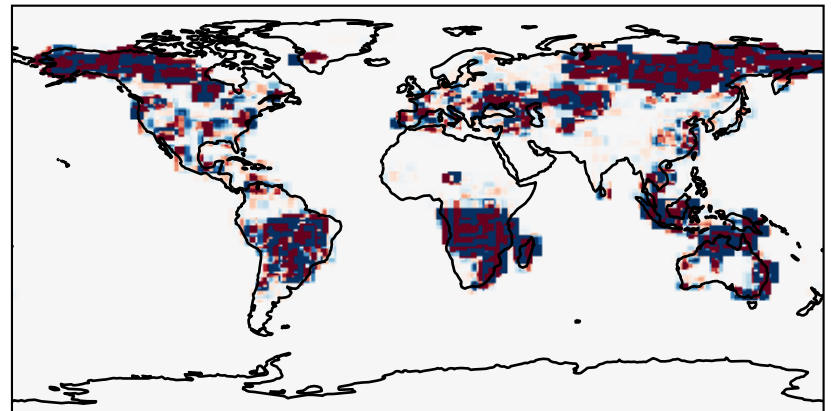
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



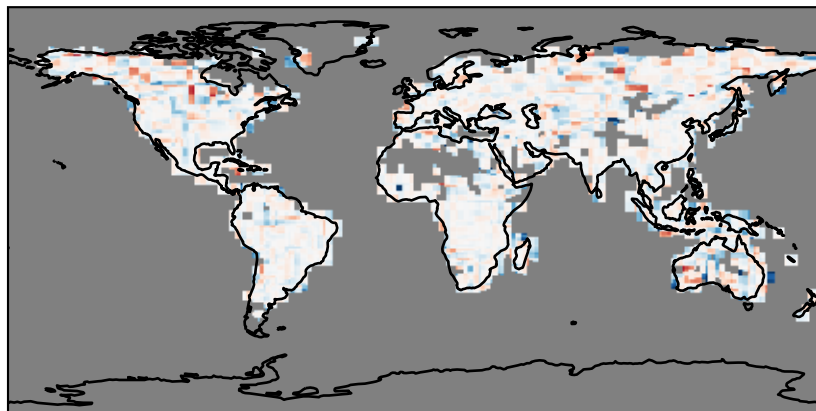
Difference (1x1.25)  
Dev - Ref, Dynamic Range



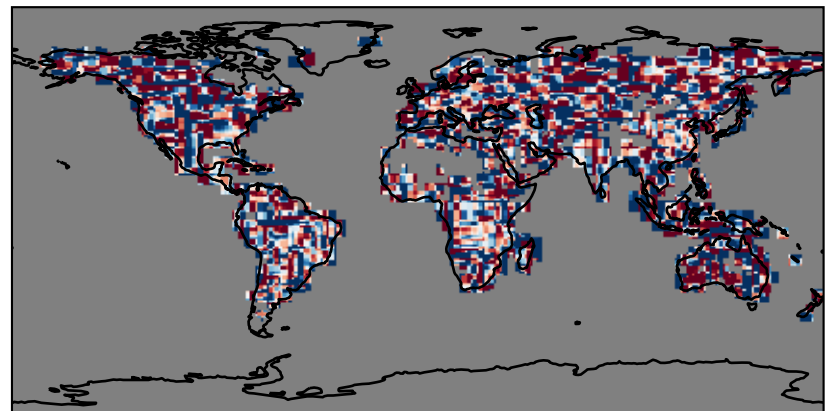
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



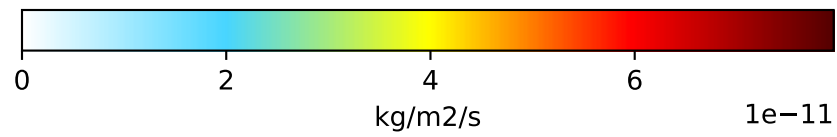
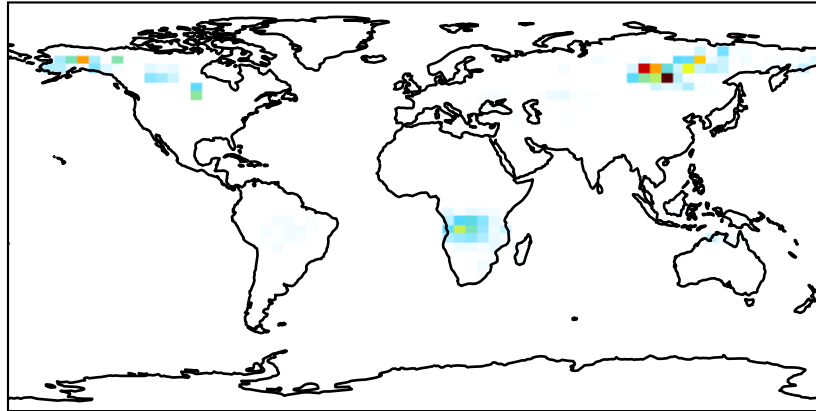
Ratio (1x1.25)  
Dev/Ref, Fixed Range



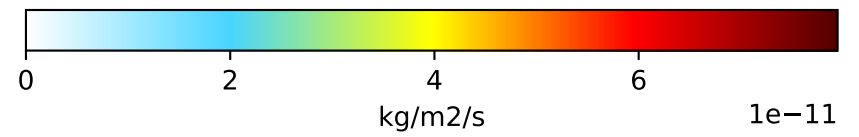
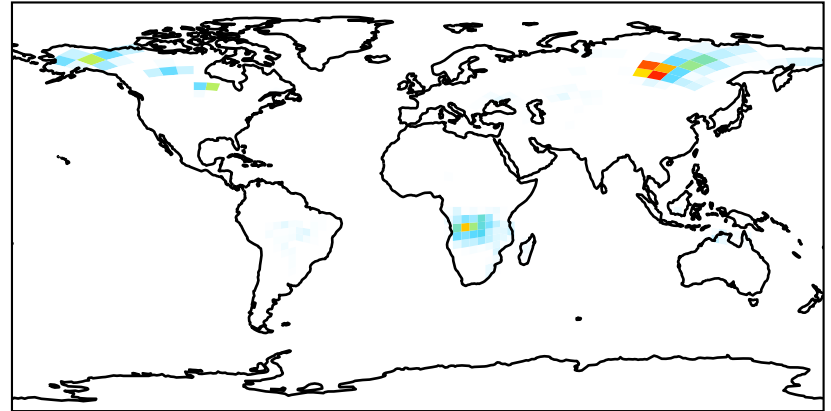


# EmisPHEN\_BioBurn

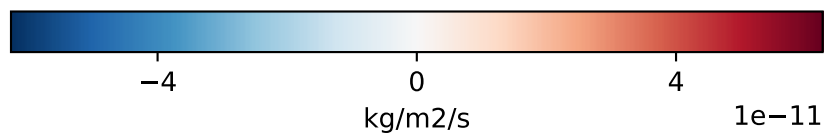
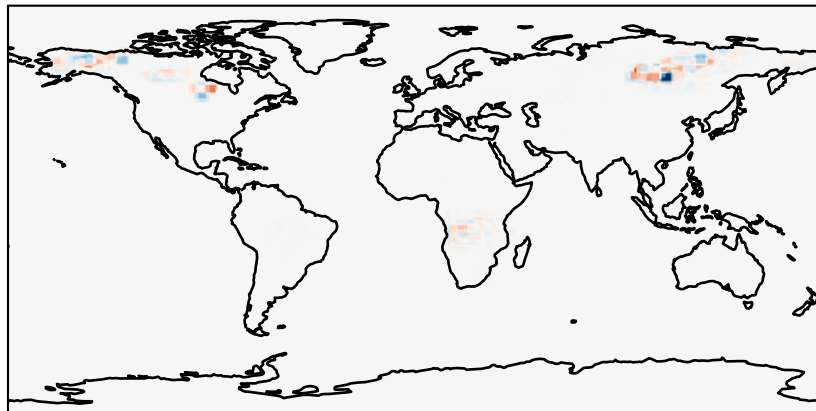
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



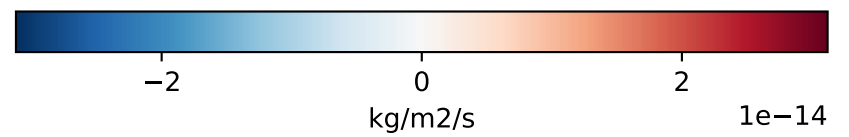
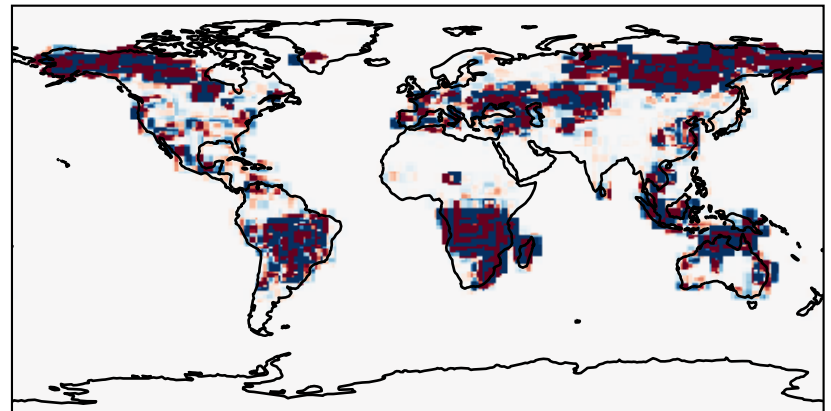
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



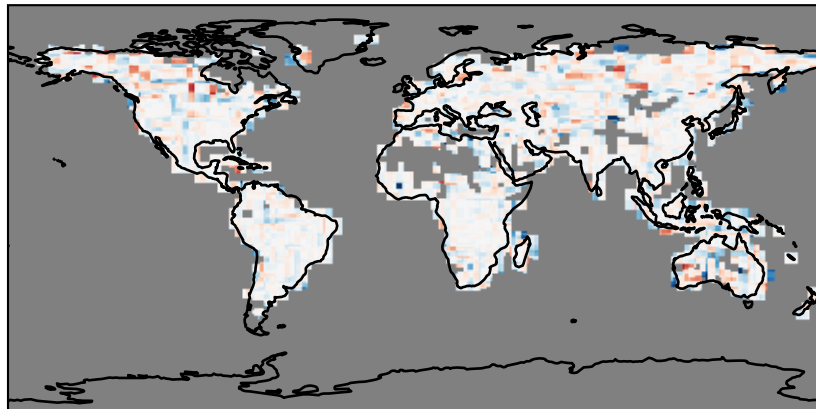
Difference (1x1.25)  
Dev - Ref, Dynamic Range



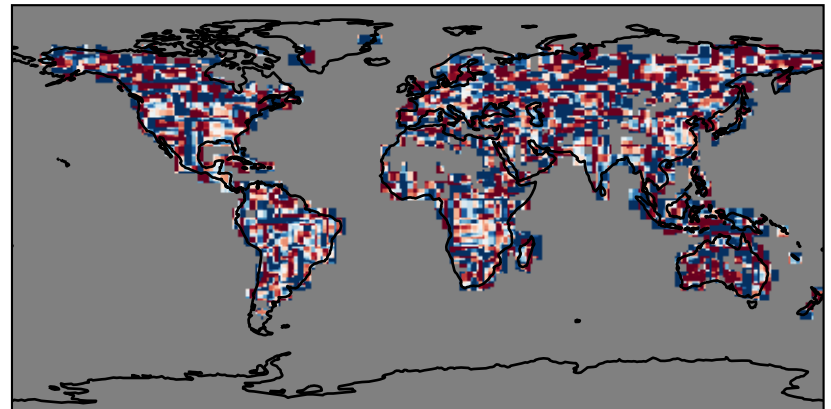
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



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

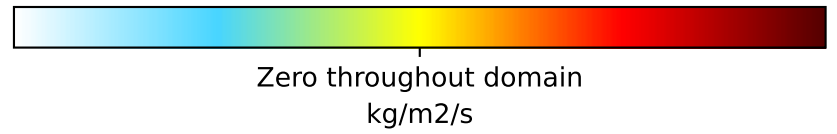
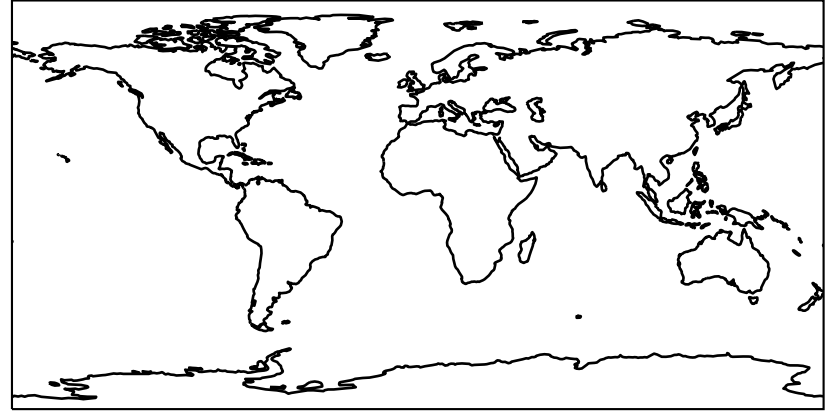


# EmisPOG1\_BioBurn

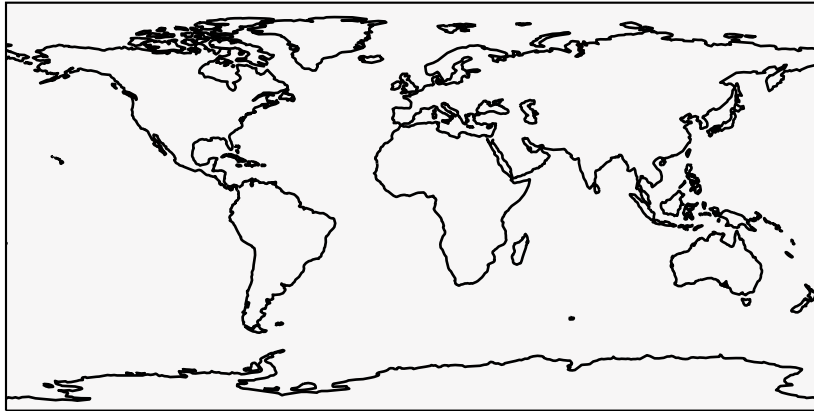
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



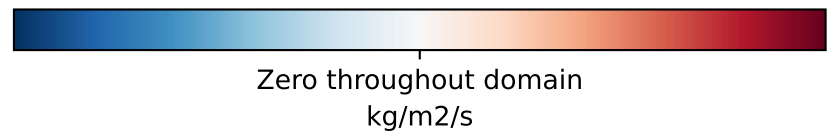
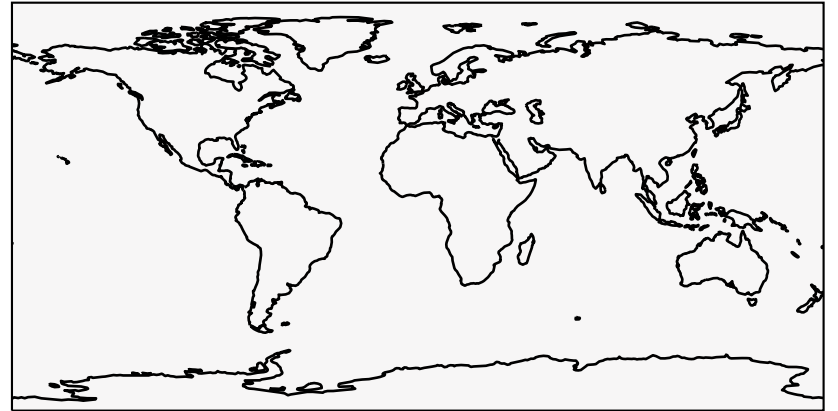
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



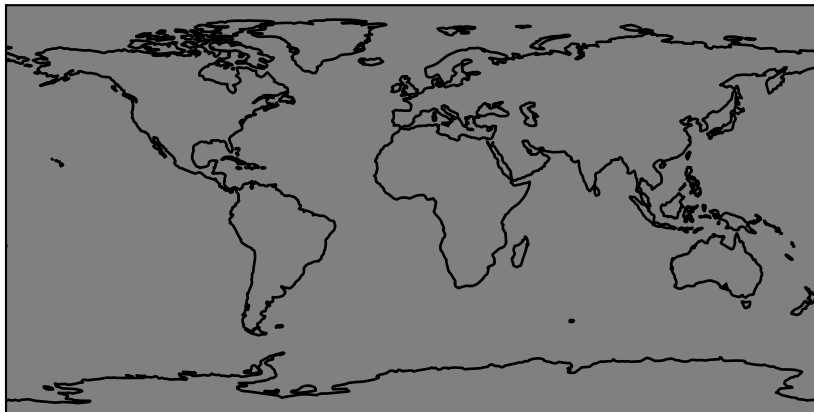
Difference (1x1.25)  
Dev - Ref, Dynamic Range



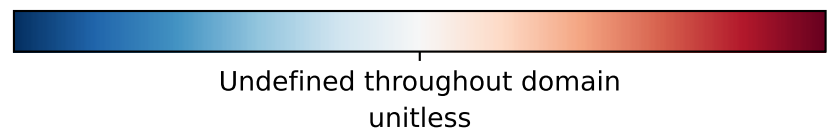
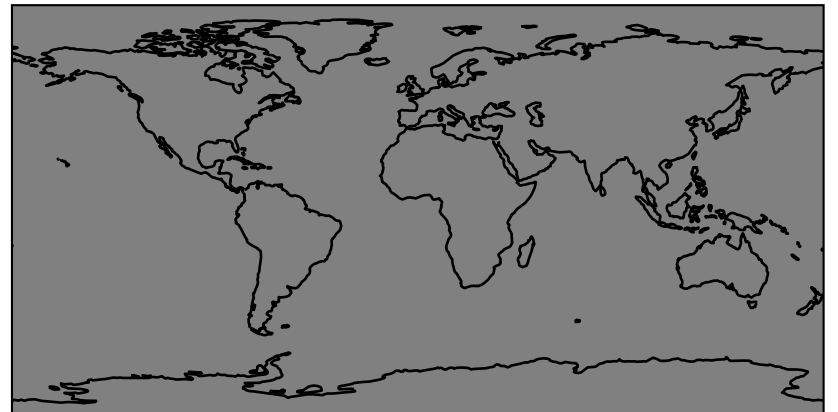
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



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



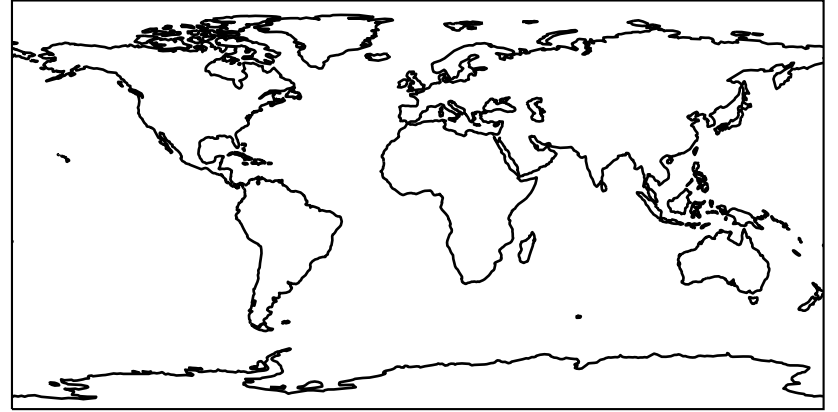
# EmisPOG2\_BioBurn

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



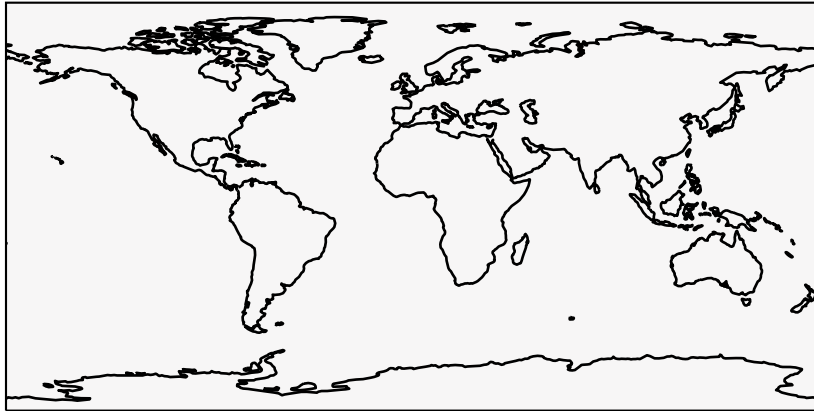
Zero throughout domain  
kg/m2/s

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



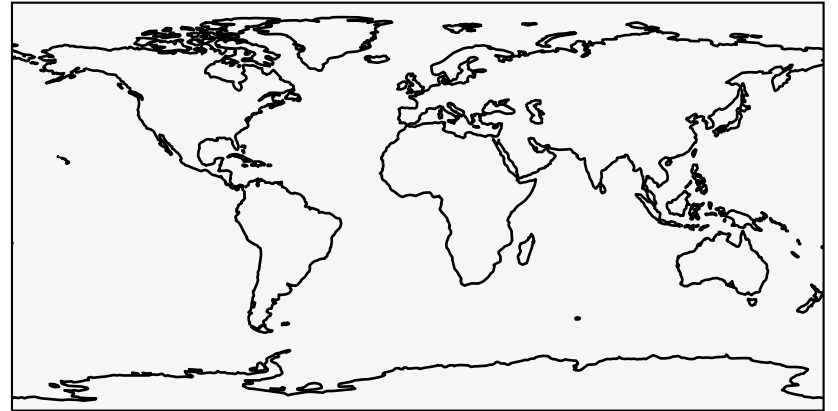
Zero throughout domain  
kg/m2/s

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



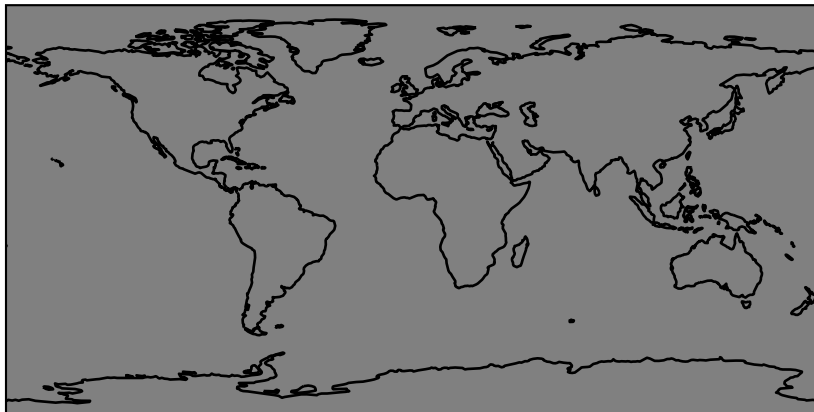
Zero throughout domain  
kg/m2/s

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



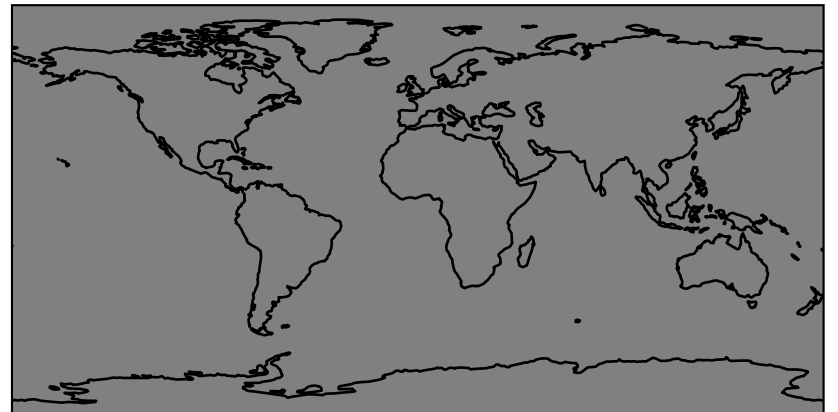
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

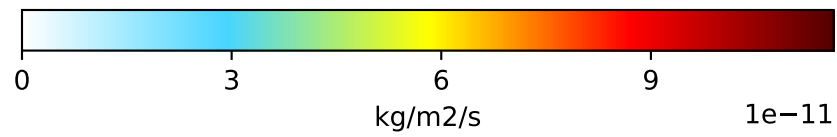
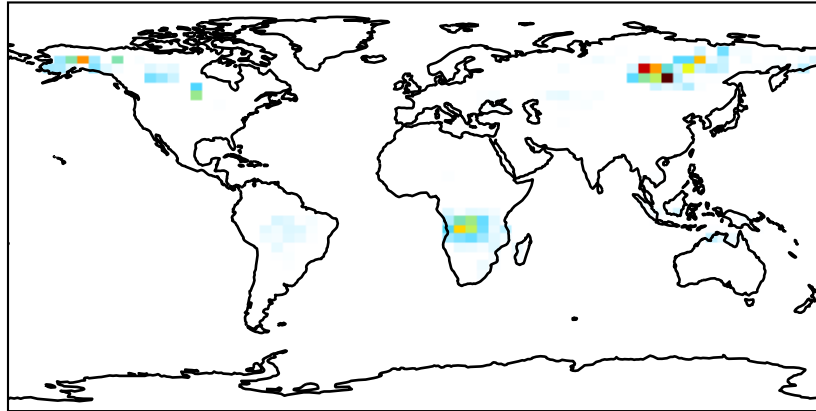
Ratio (1x1.25)  
Dev/Ref, Fixed Range



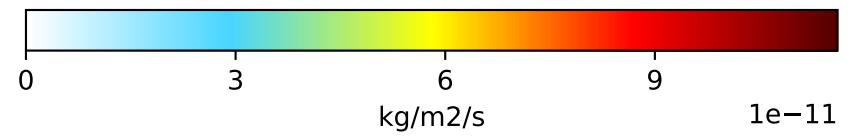
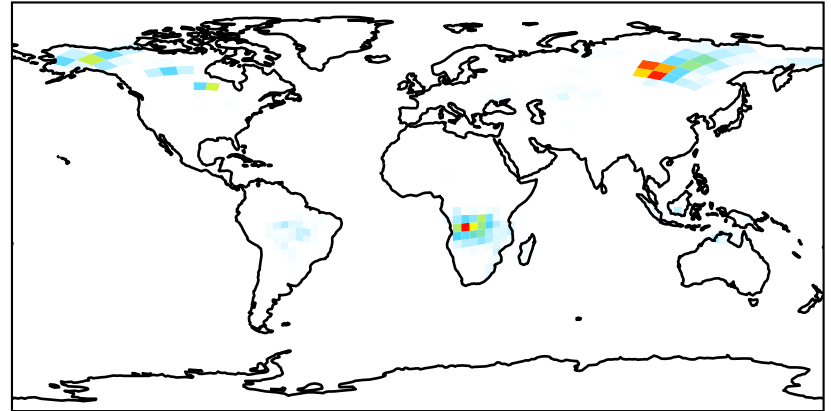
Undefined throughout domain  
unitless

# EmisPRPE\_BioBurn

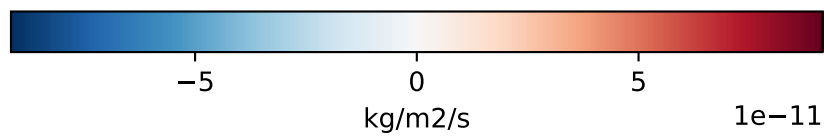
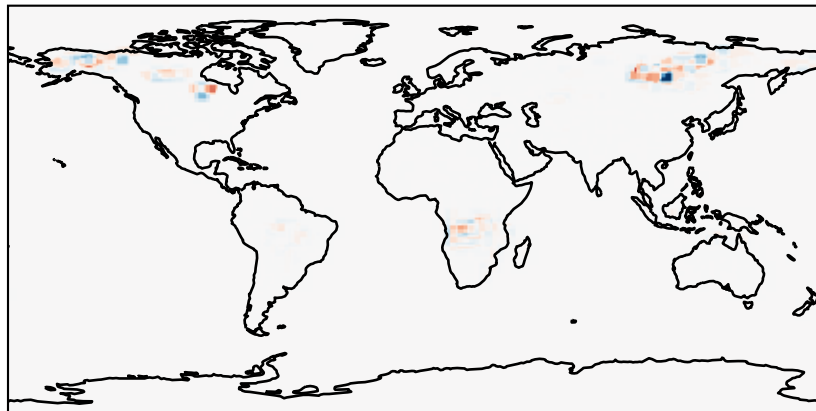
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



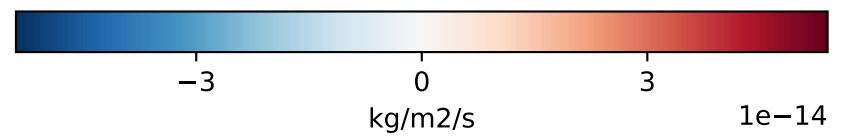
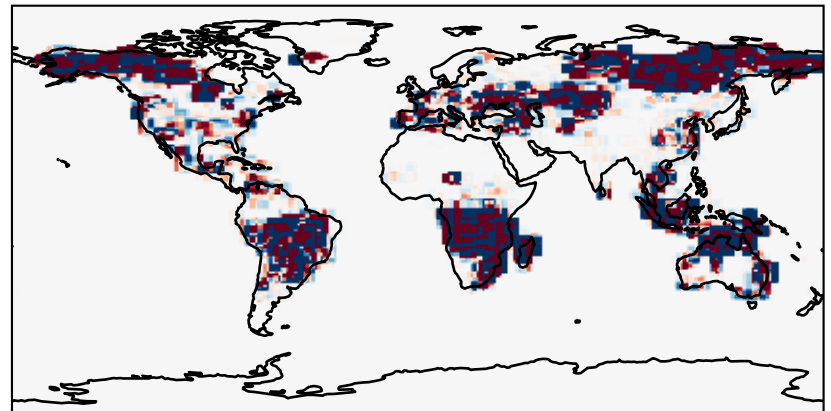
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



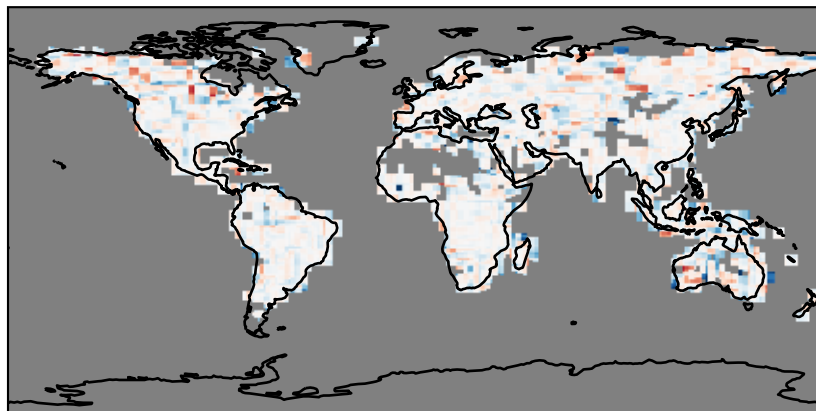
Difference (1x1.25)  
Dev - Ref, Dynamic Range



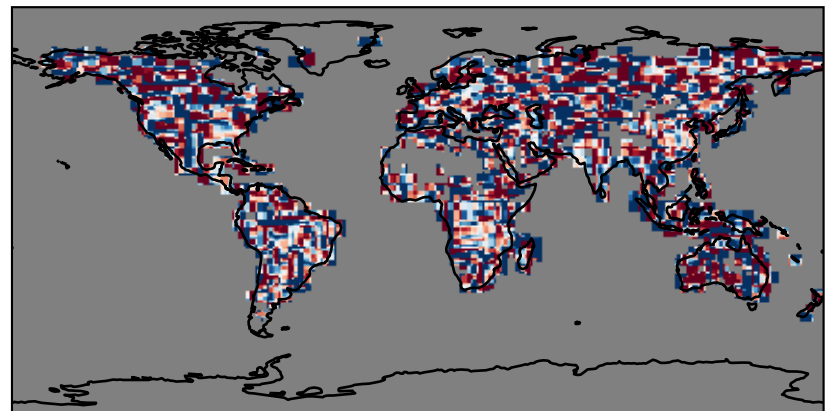
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



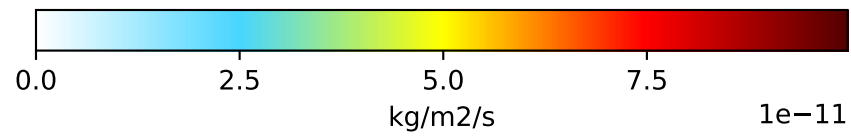
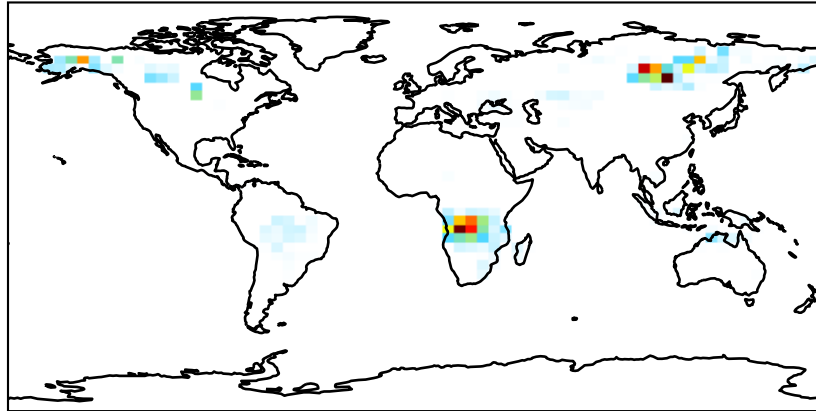
Ratio (1x1.25)  
Dev/Ref, Fixed Range



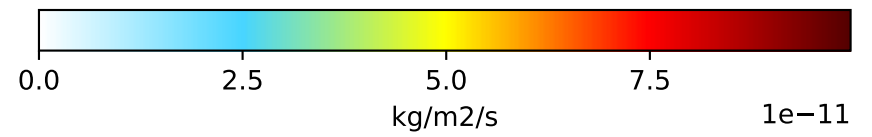
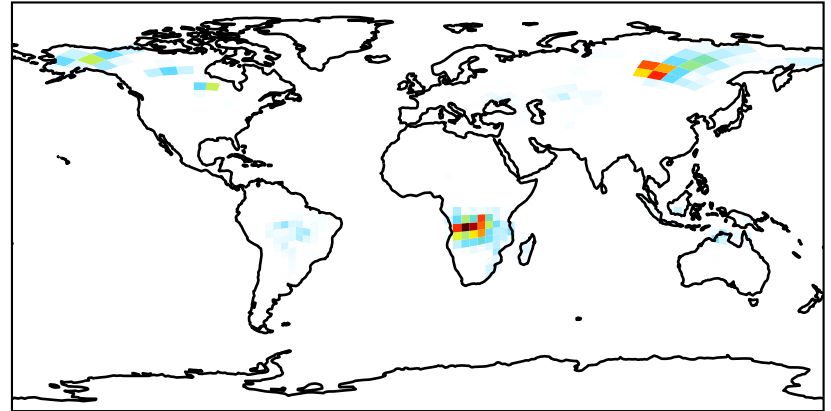


# EmisRCHO\_BioBurn

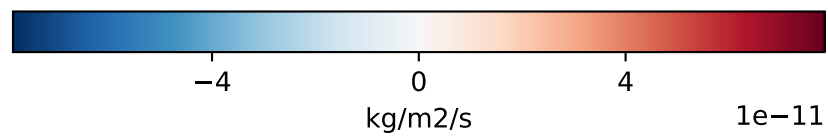
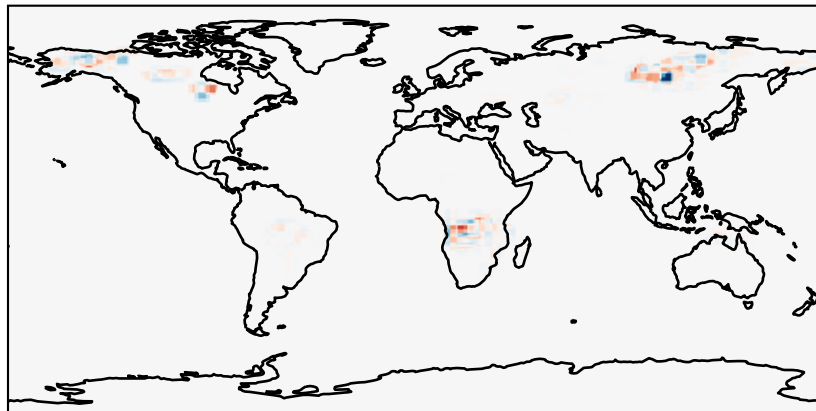
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



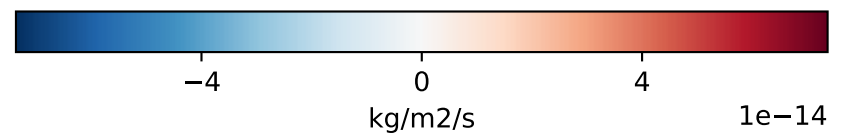
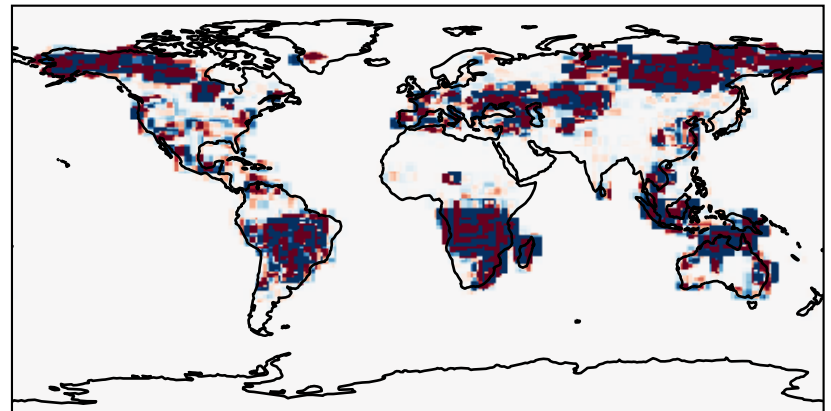
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



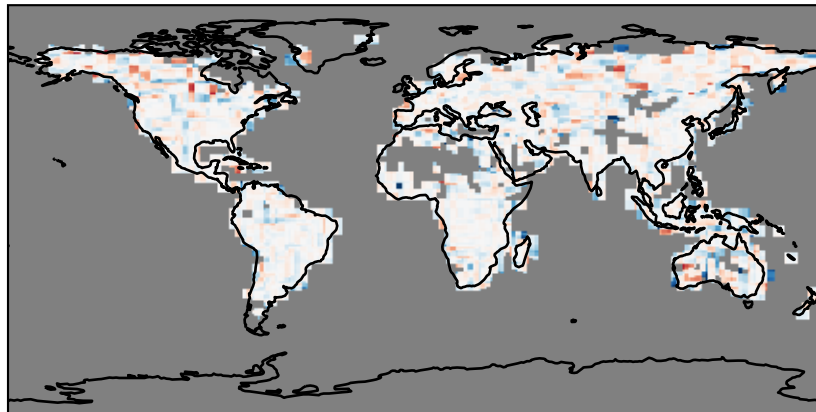
Difference (1x1.25)  
Dev - Ref, Dynamic Range



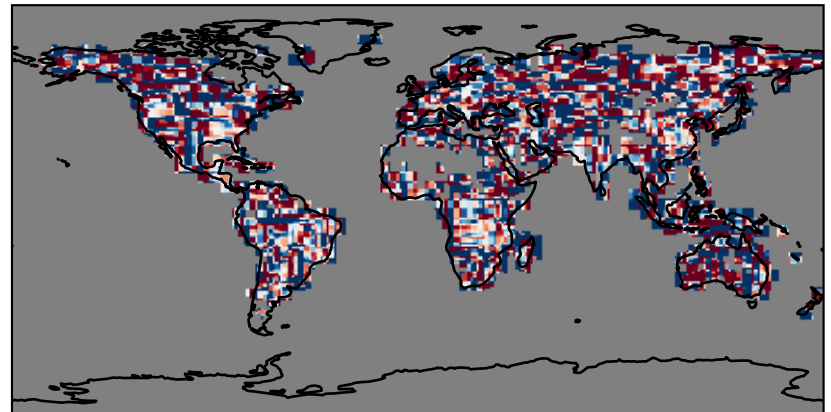
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

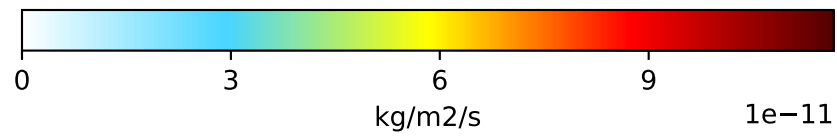
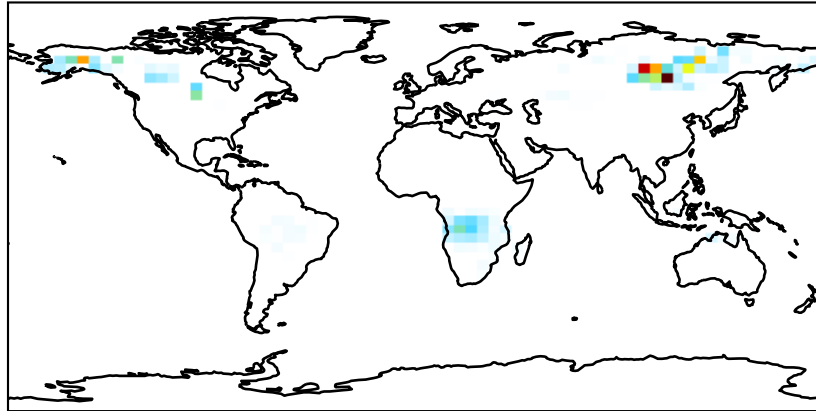


Ratio (1x1.25)  
Dev/Ref, Fixed Range

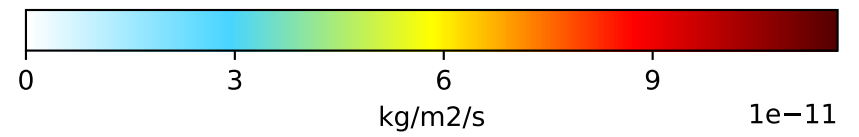
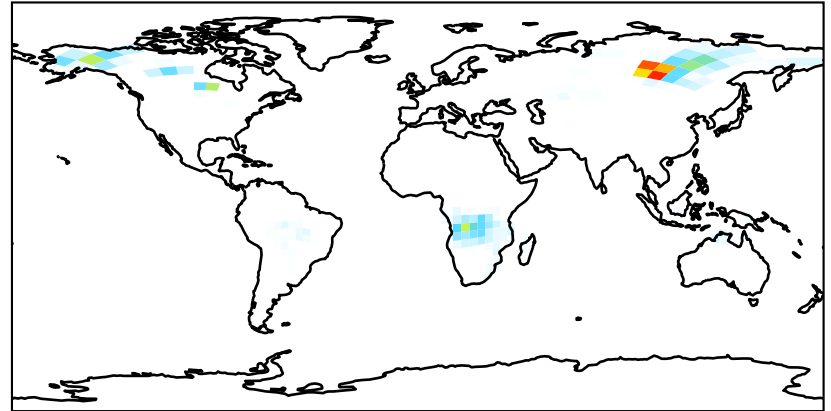


# EmisSO2\_BioBurn

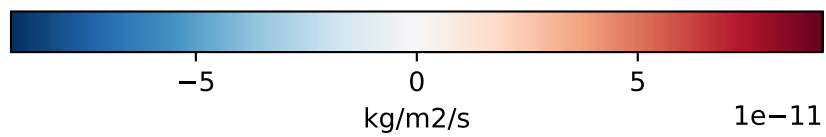
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



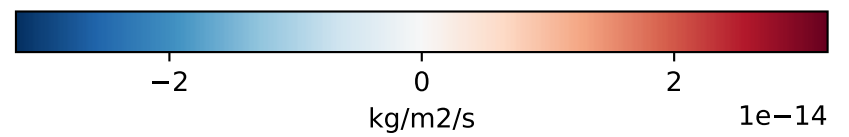
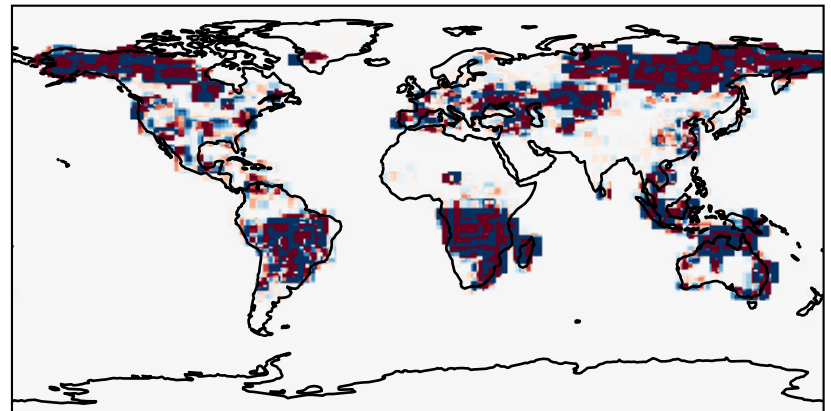
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



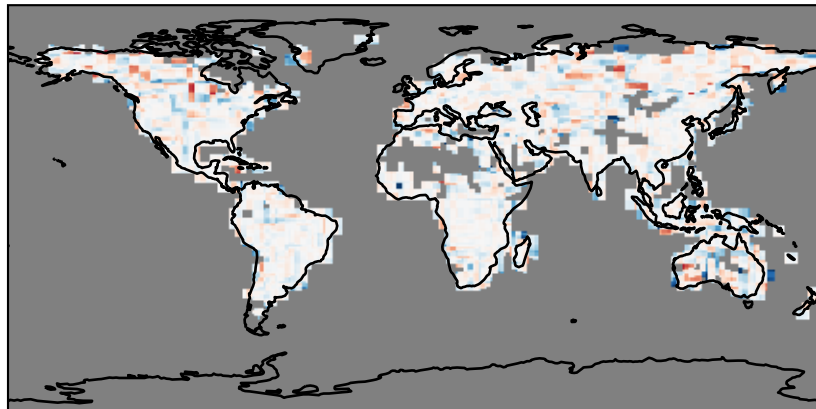
Difference (1x1.25)  
Dev - Ref, Dynamic Range



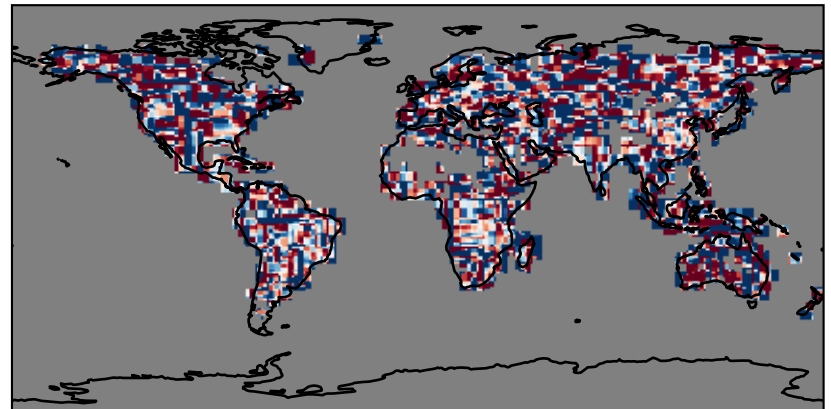
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

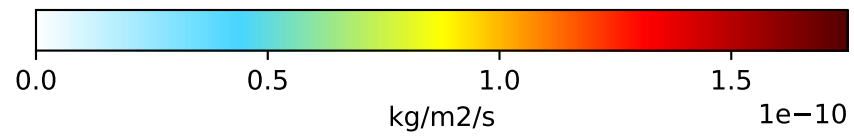
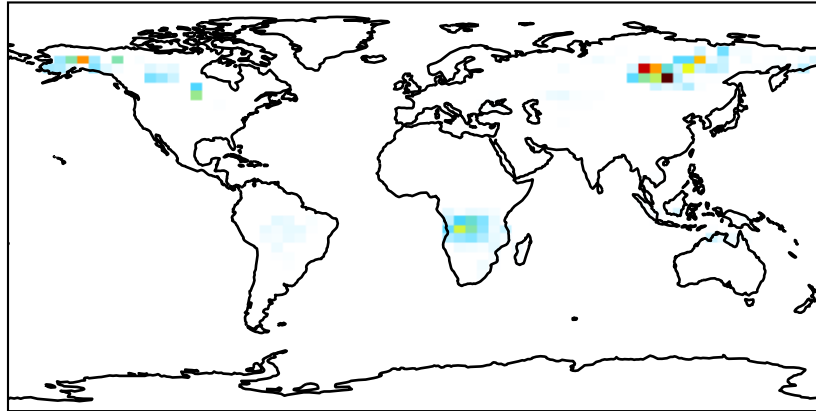


Ratio (1x1.25)  
Dev/Ref, Fixed Range

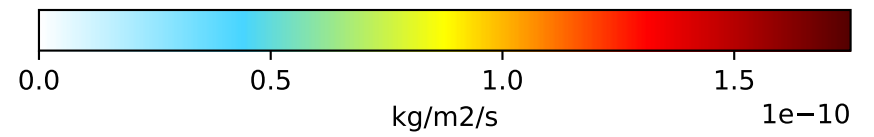
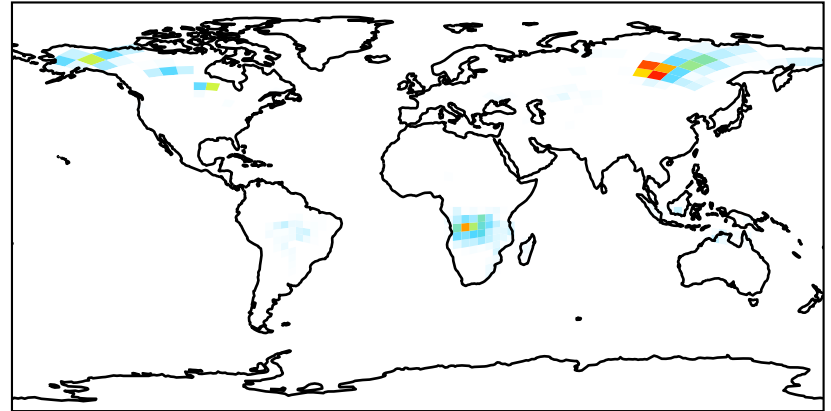


# EmisSOAP\_BioBurn

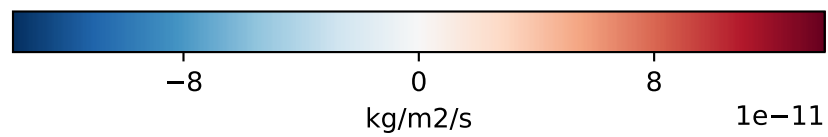
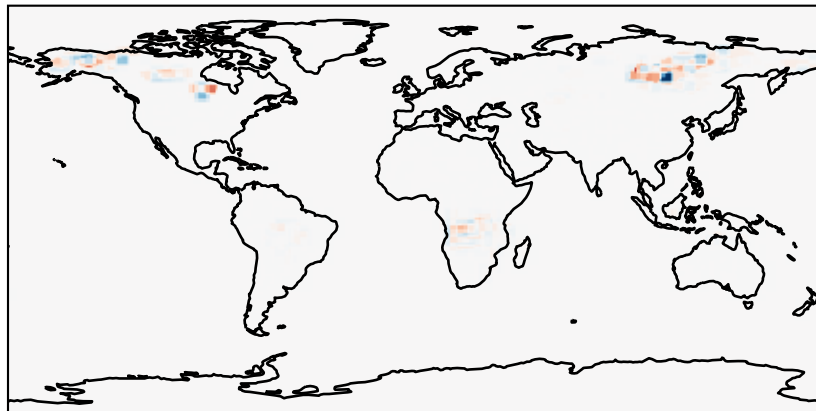
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



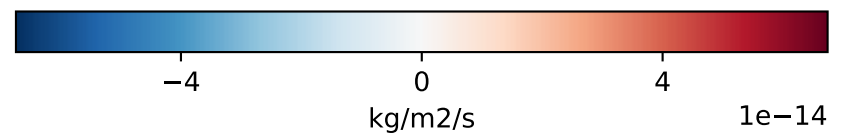
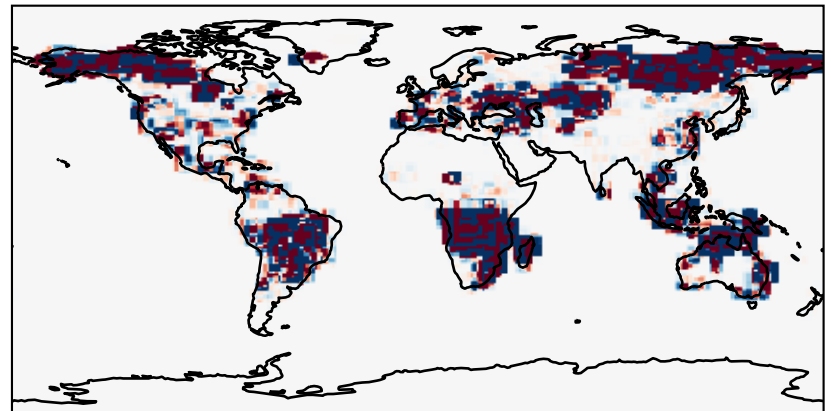
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



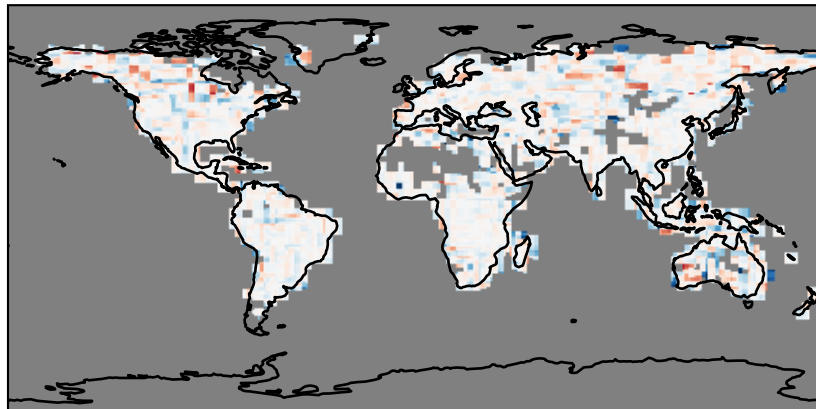
Difference (1x1.25)  
Dev - Ref, Dynamic Range



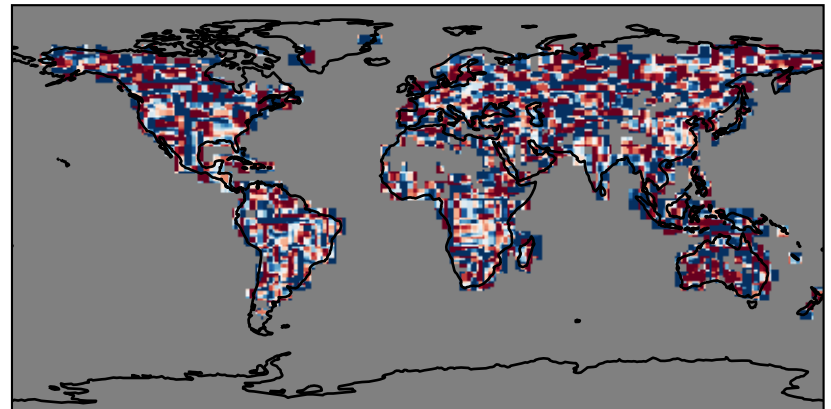
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

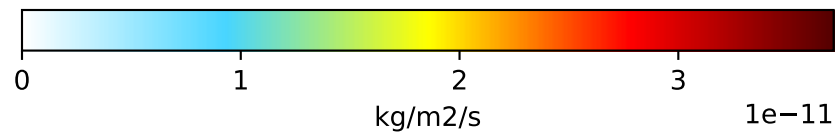
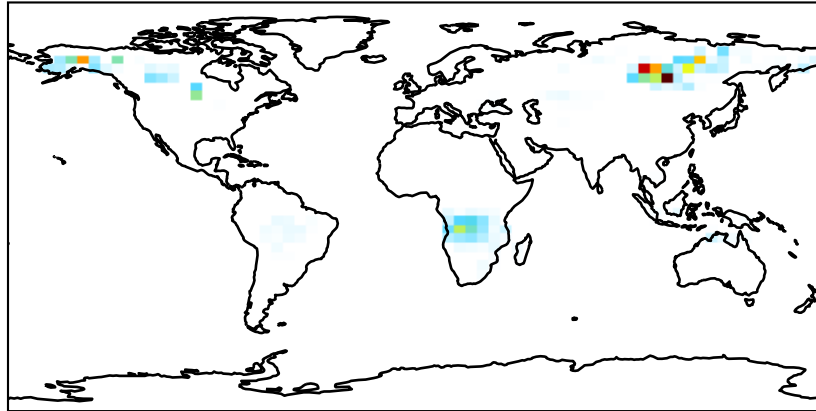


Ratio (1x1.25)  
Dev/Ref, Fixed Range

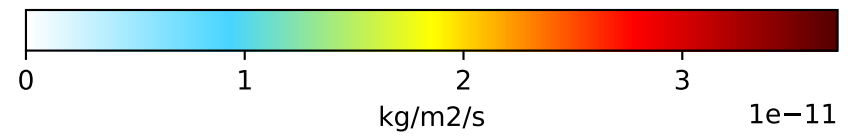
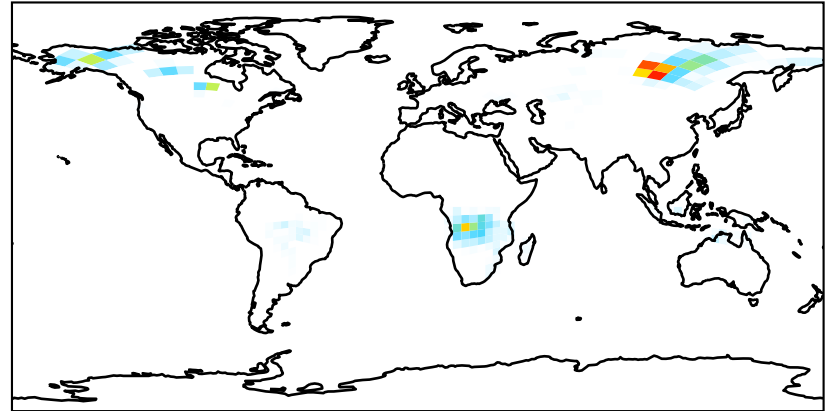


# EmisTOLU\_BioBurn

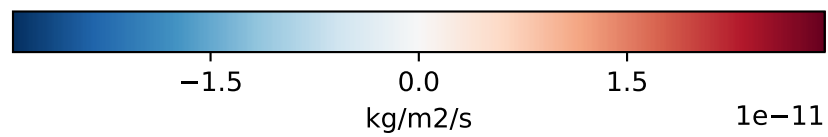
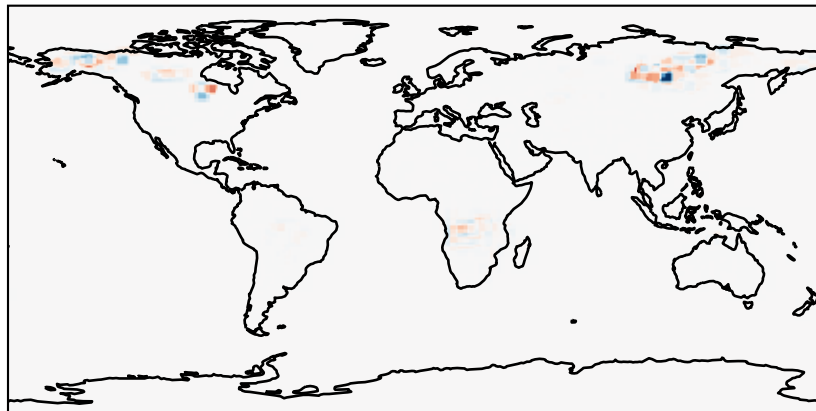
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



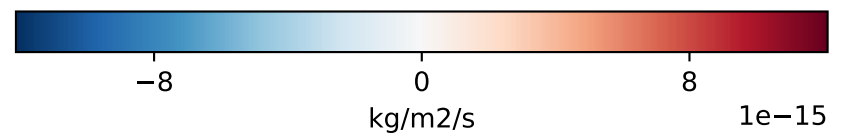
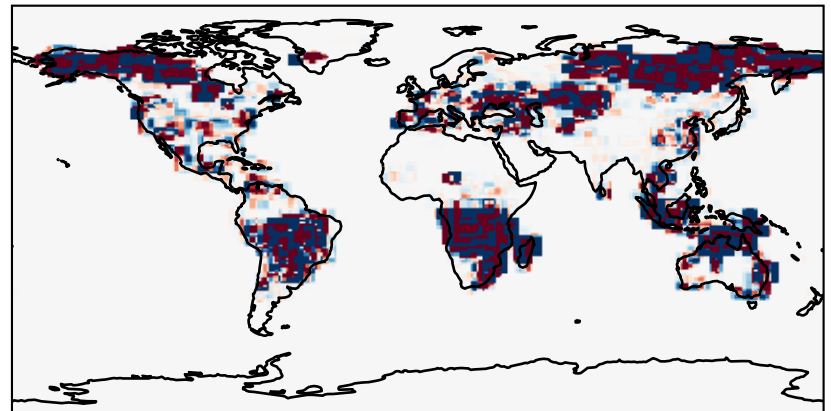
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



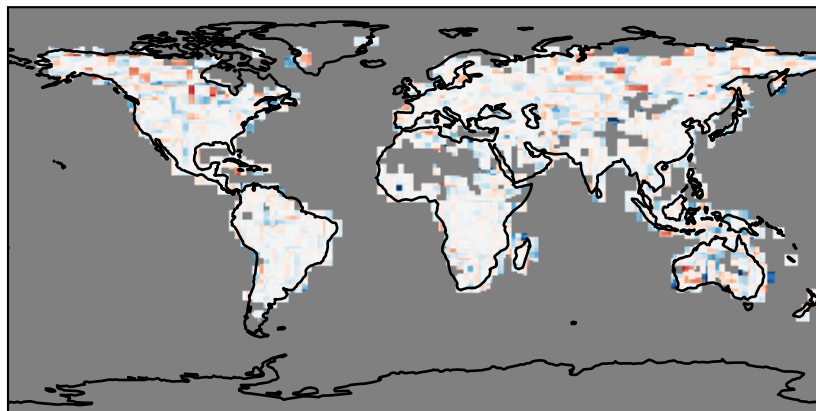
Difference (1x1.25)  
Dev - Ref, Dynamic Range



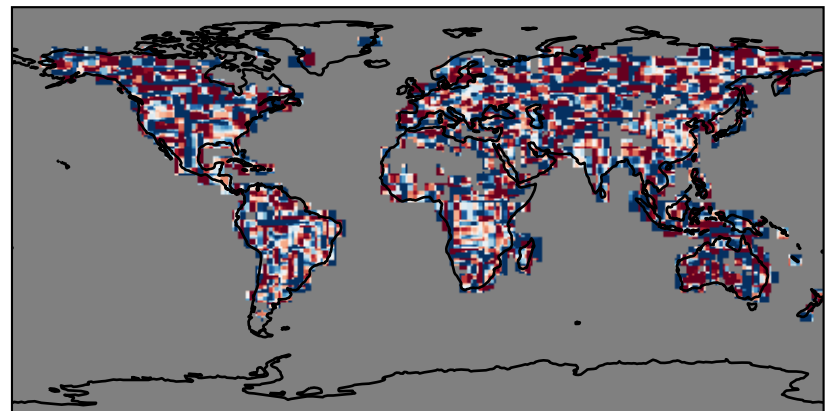
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



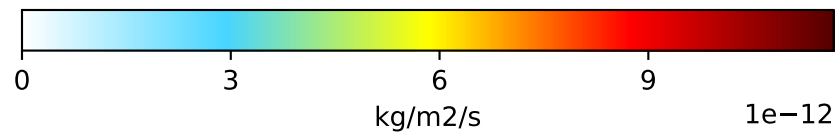
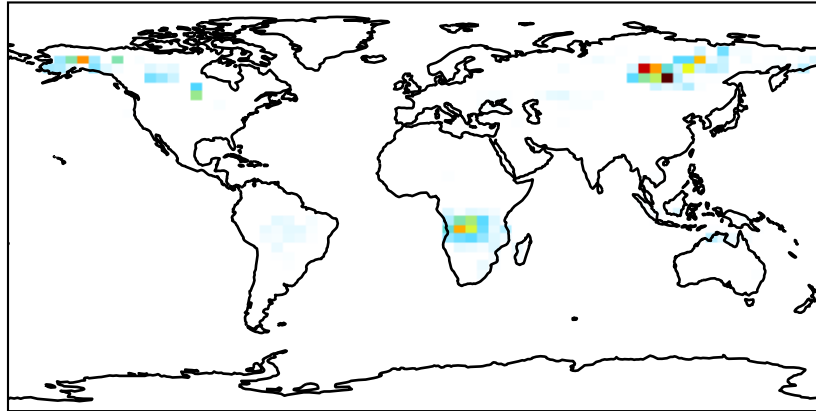
Ratio (1x1.25)  
Dev/Ref, Fixed Range



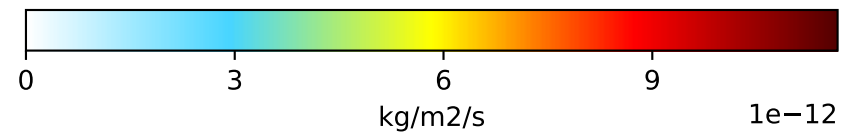
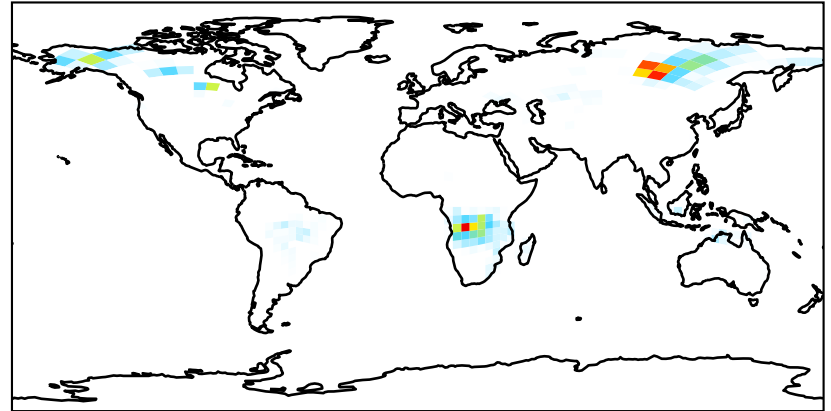


# EmisXYLE\_BioBurn

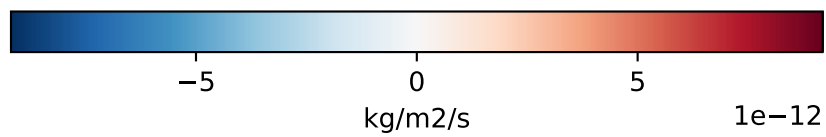
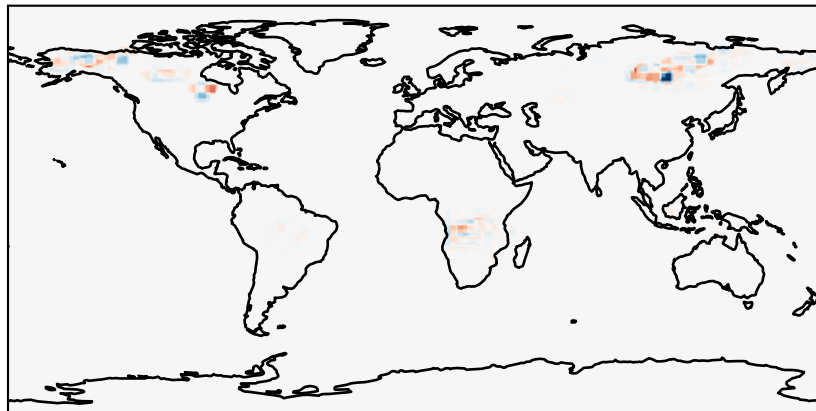
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



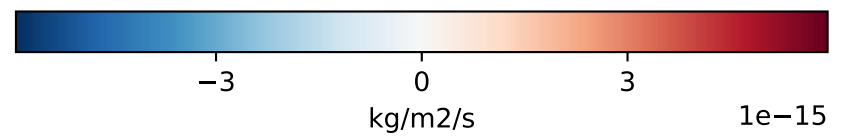
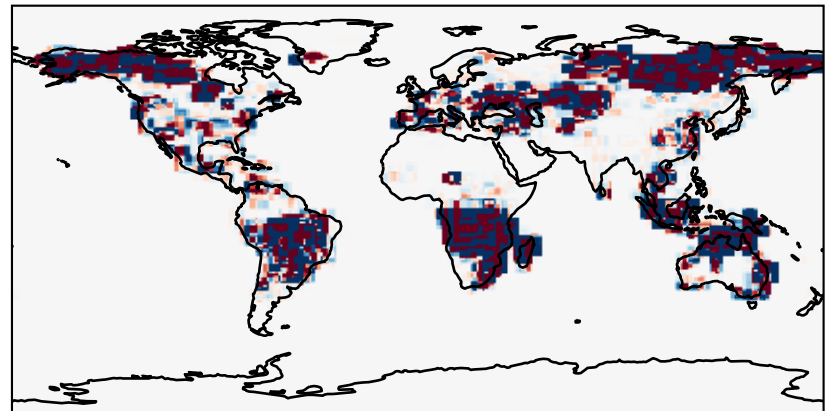
GCHP\_14.2.0\_GEOS-IT (Dev)  
c24



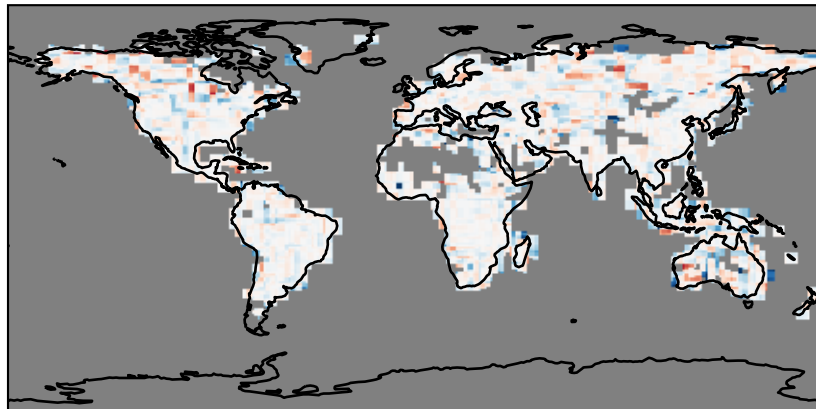
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



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



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

