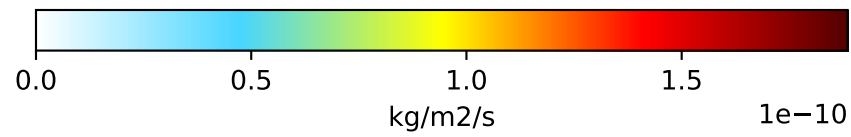
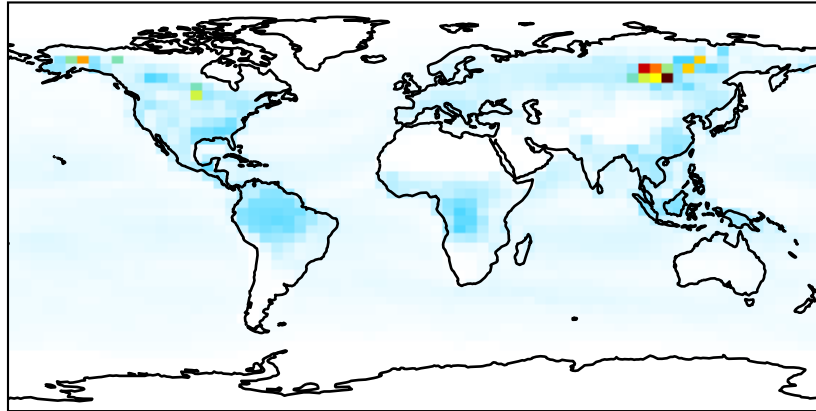
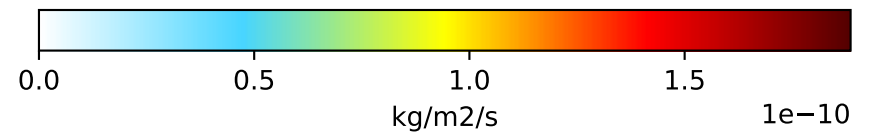
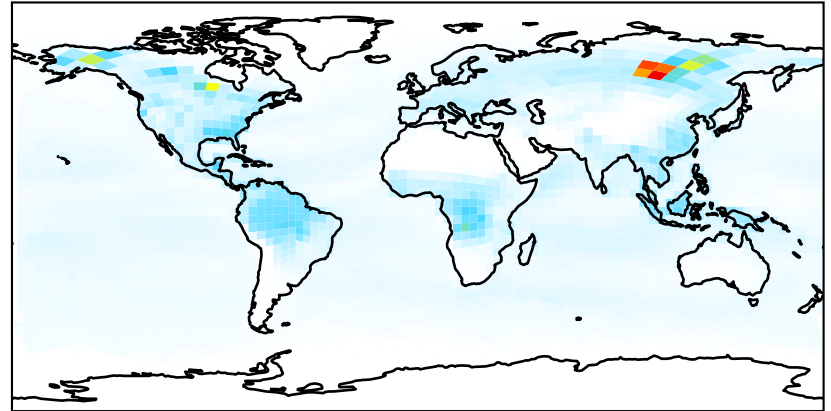


EmisACET_Total

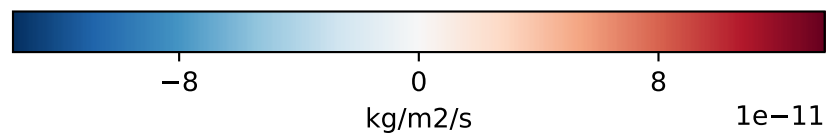
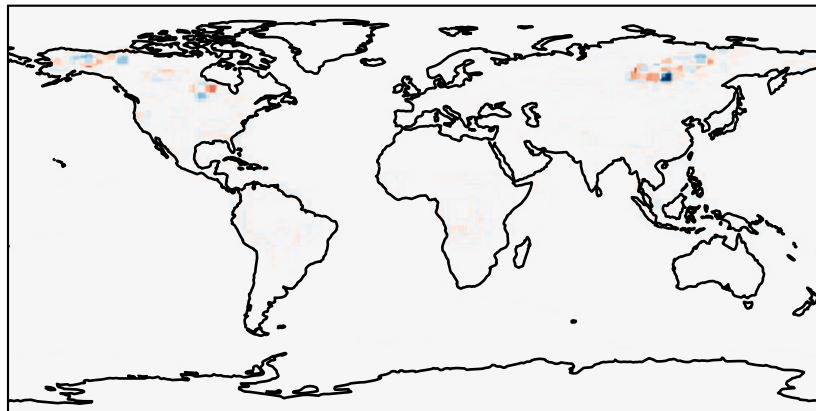
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



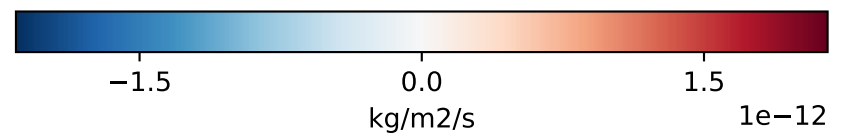
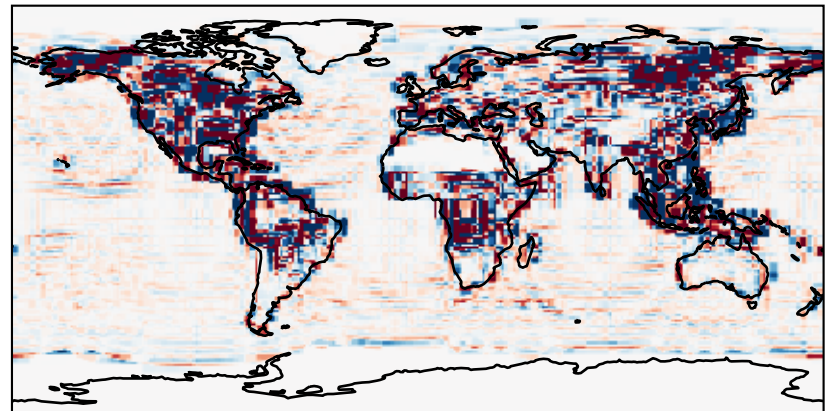
GCHP_14.2.0_GEOS-IT (Dev)
c24



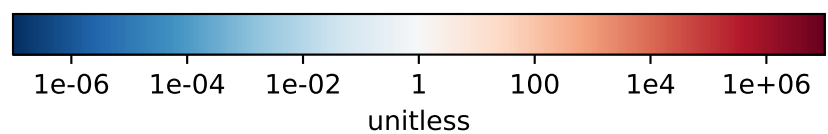
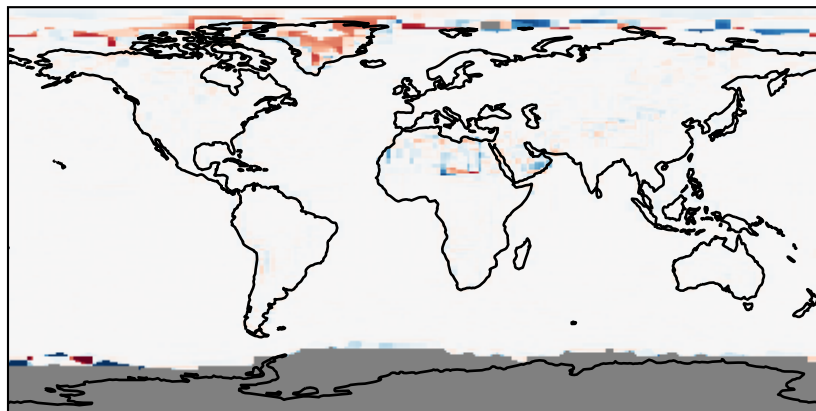
Difference (1x1.25)
Dev - Ref, Dynamic Range



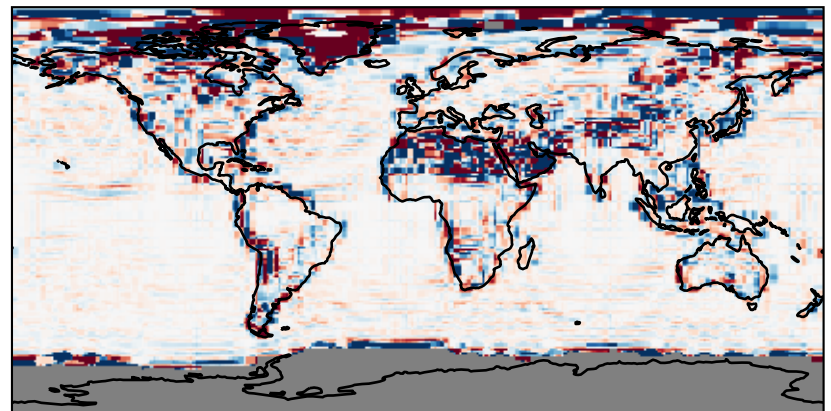
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

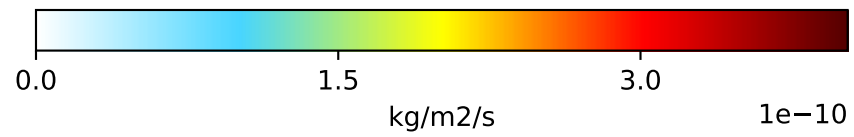
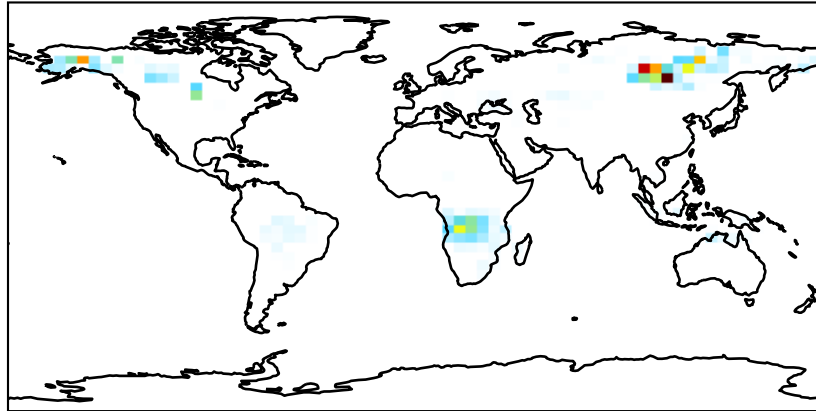


Ratio (1x1.25)
Dev/Ref, Fixed Range

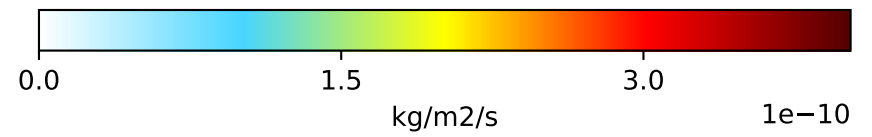
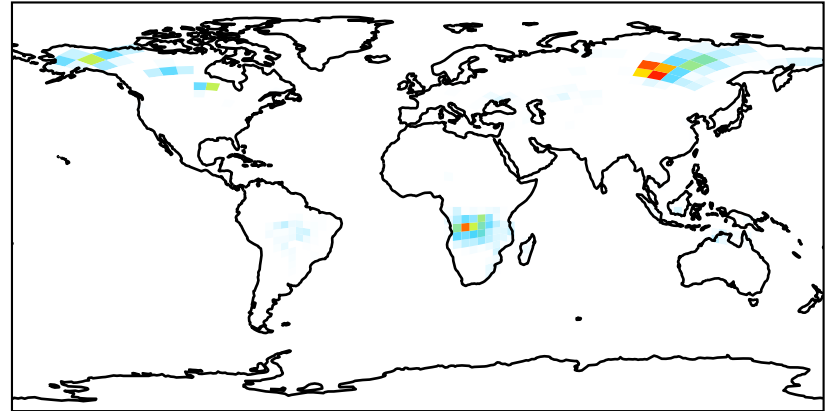


EmisACTA_Total

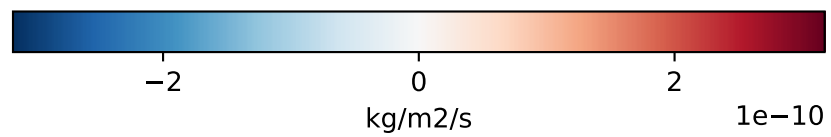
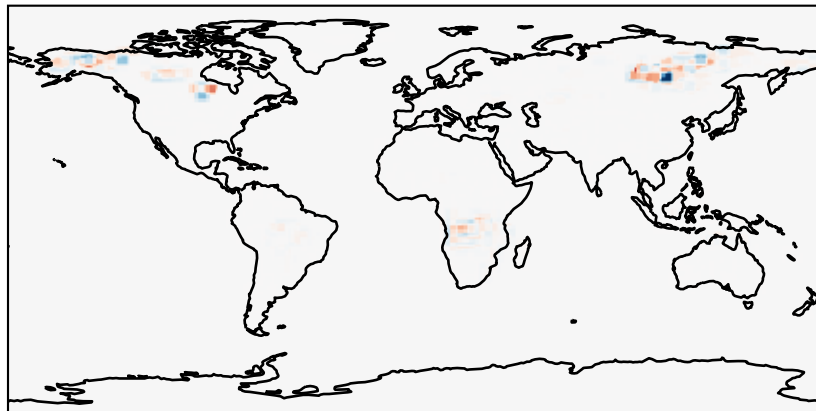
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



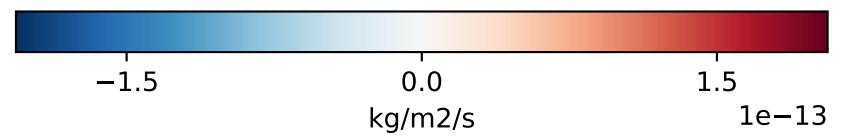
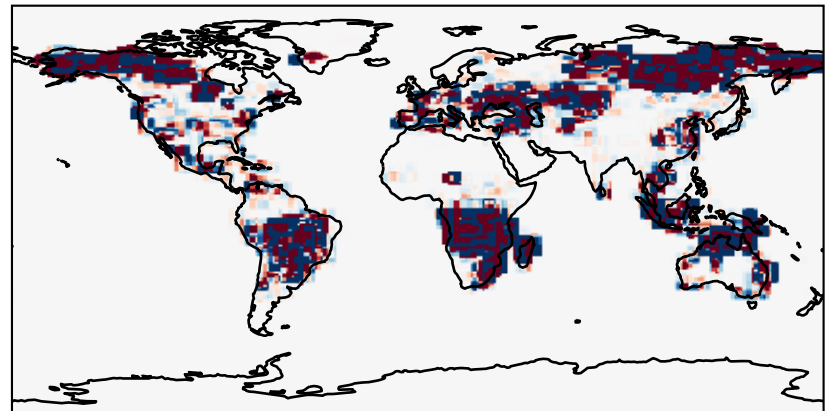
GCHP_14.2.0_GEOS-IT (Dev)
c24



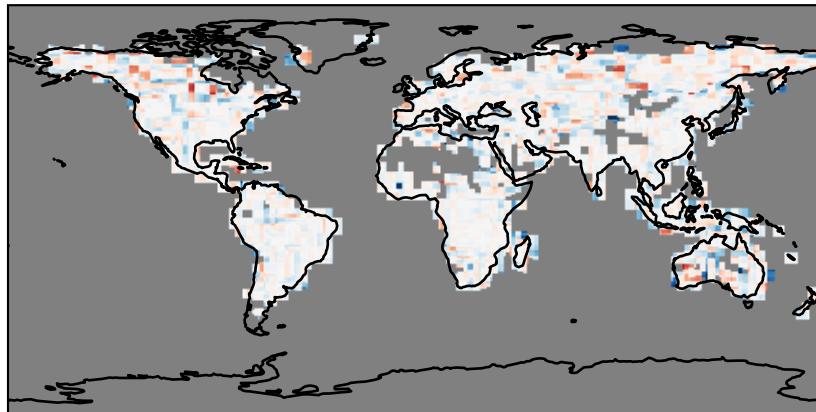
Difference (1x1.25)
Dev - Ref, Dynamic Range



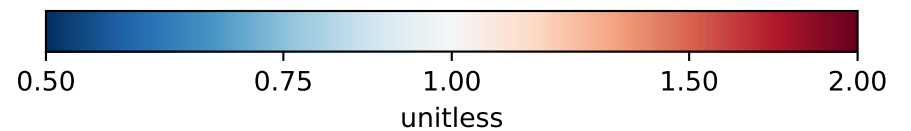
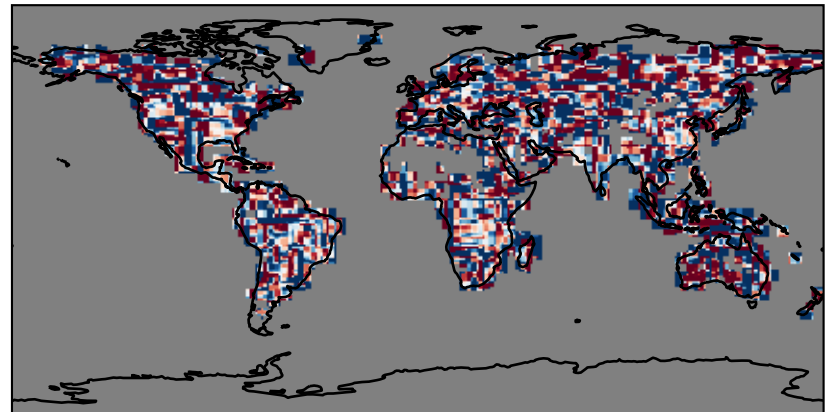
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

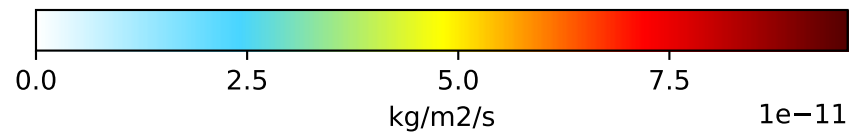
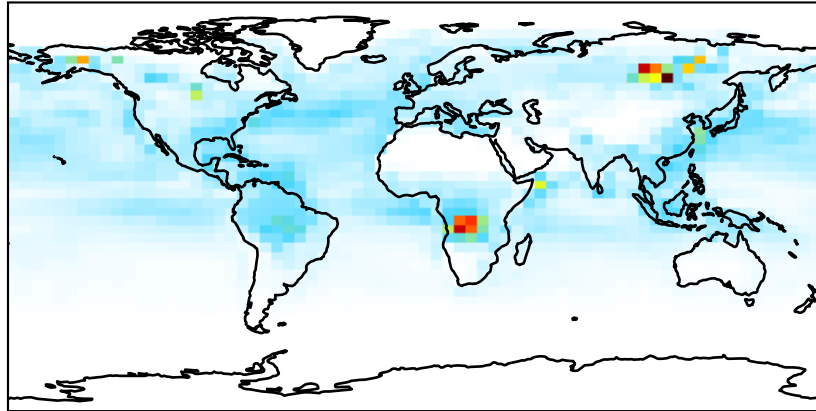


Ratio (1x1.25)
Dev/Ref, Fixed Range

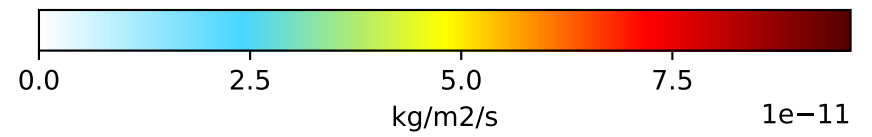
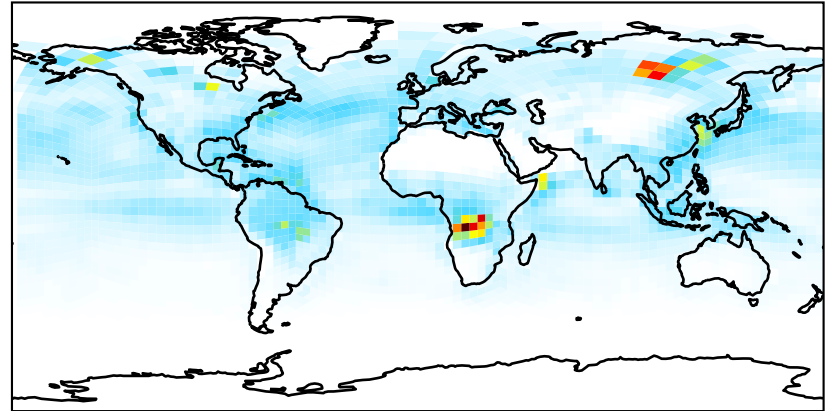


EmisALD2_Total

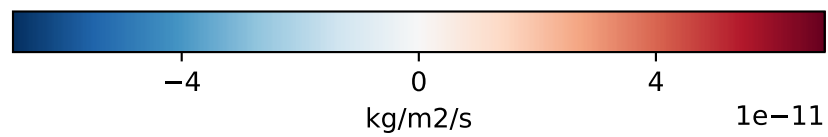
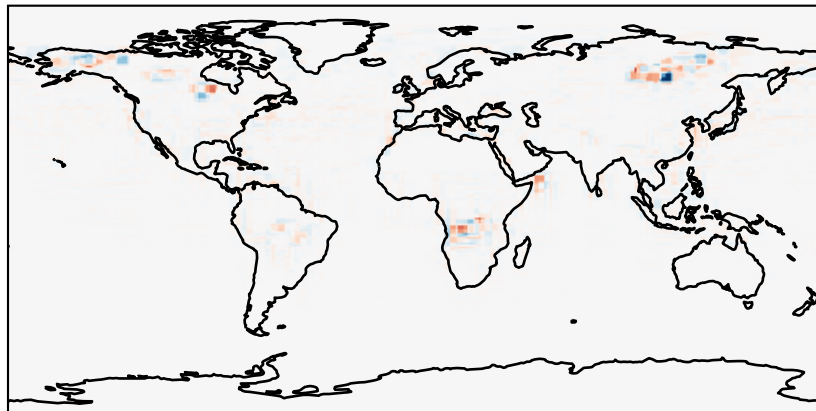
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



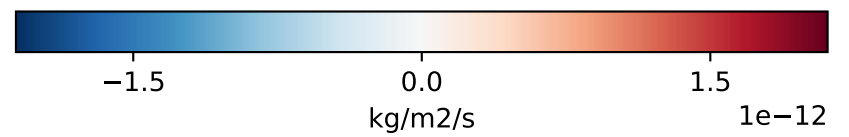
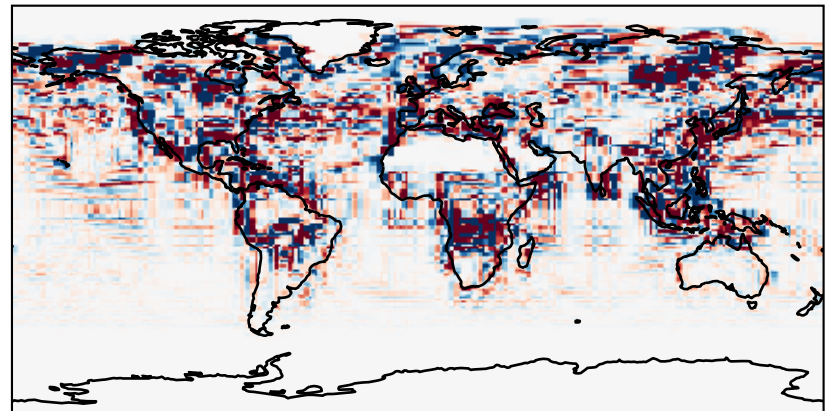
GCHP_14.2.0_GEOS-IT (Dev)
c24



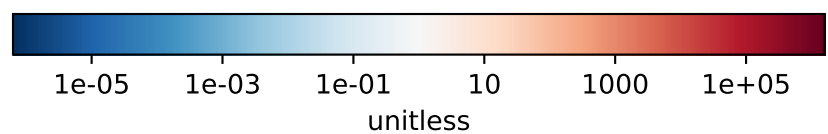
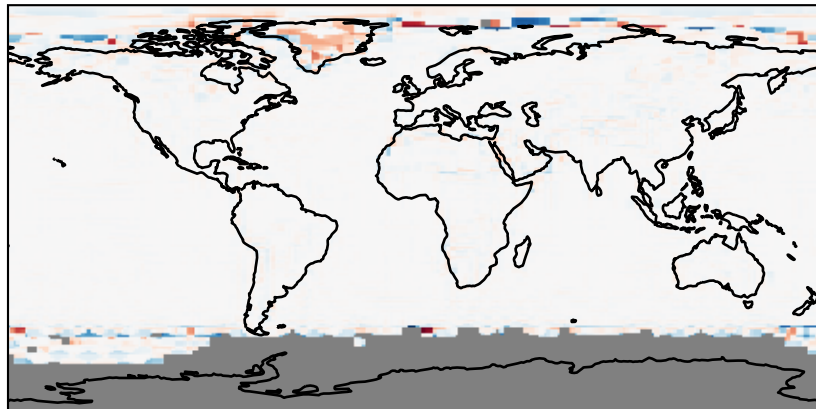
Difference (1x1.25)
Dev - Ref, Dynamic Range



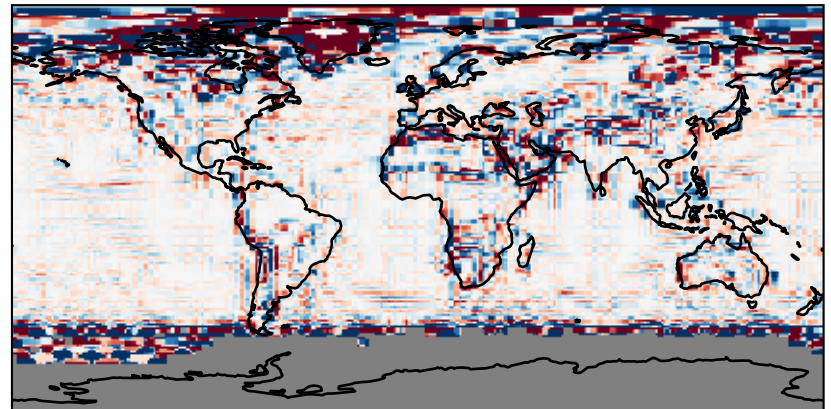
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

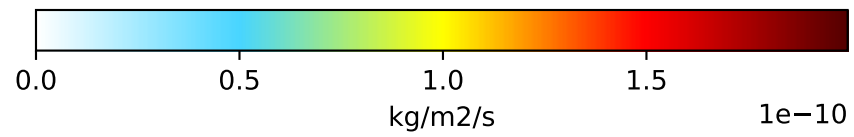
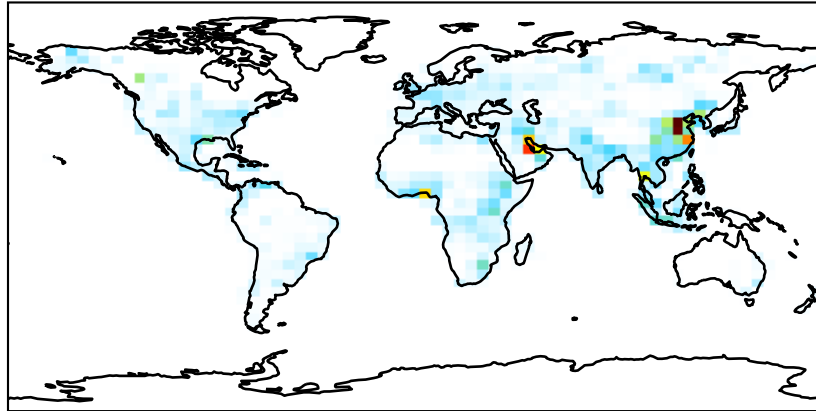


Ratio (1x1.25)
Dev/Ref, Fixed Range

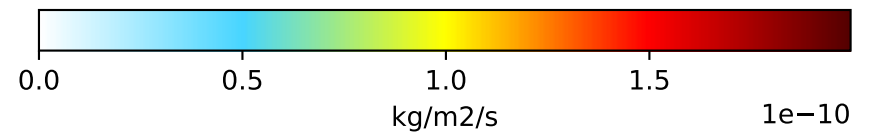
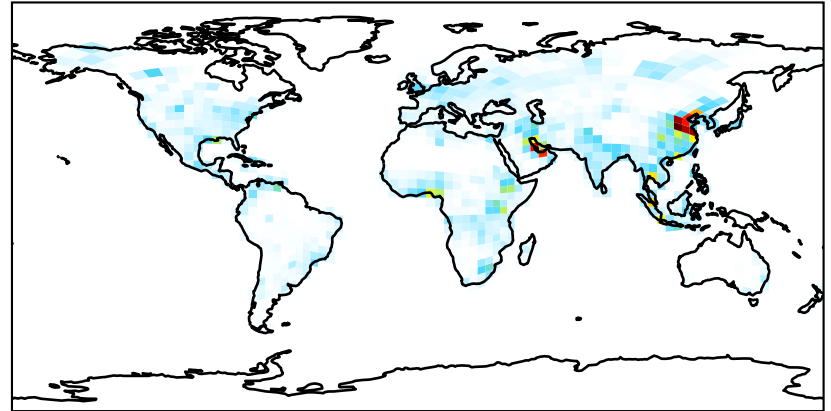


EmisALK4_Total

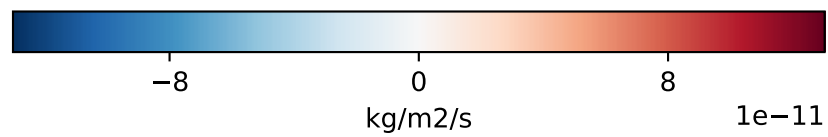
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



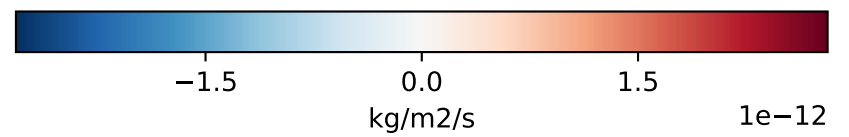
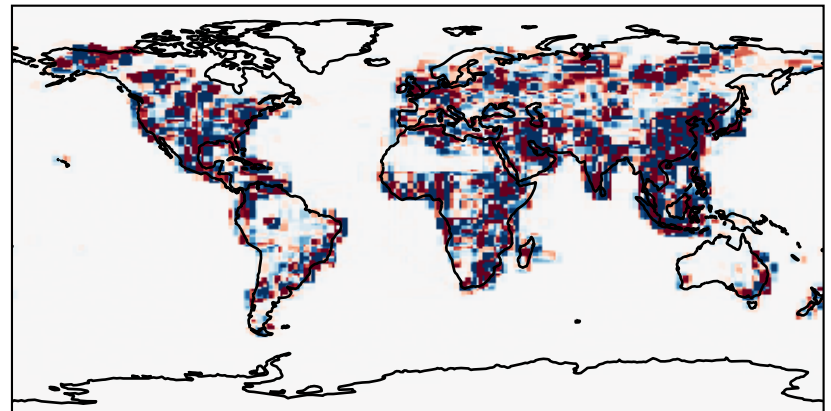
GCHP_14.2.0_GEOS-IT (Dev)
c24



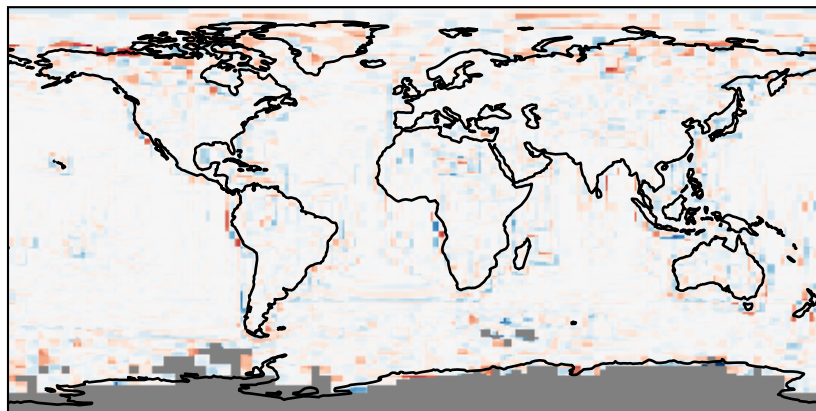
Difference (1x1.25)
Dev - Ref, Dynamic Range



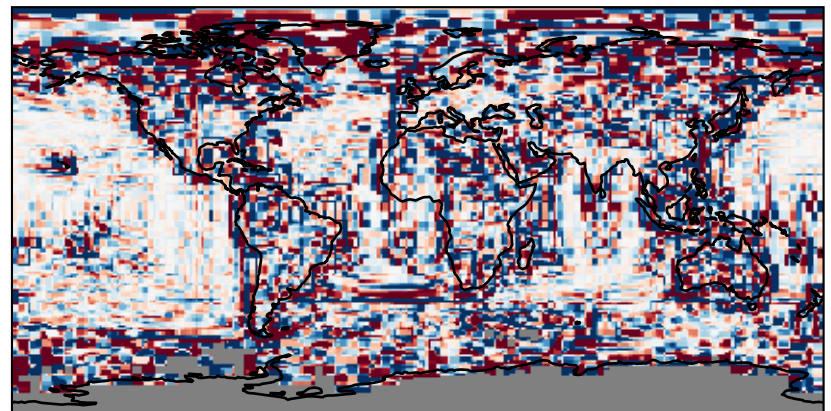
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

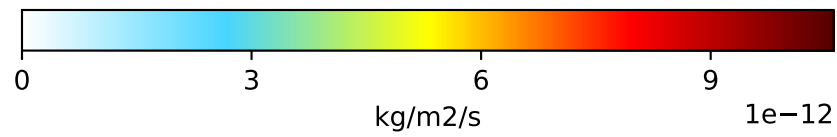
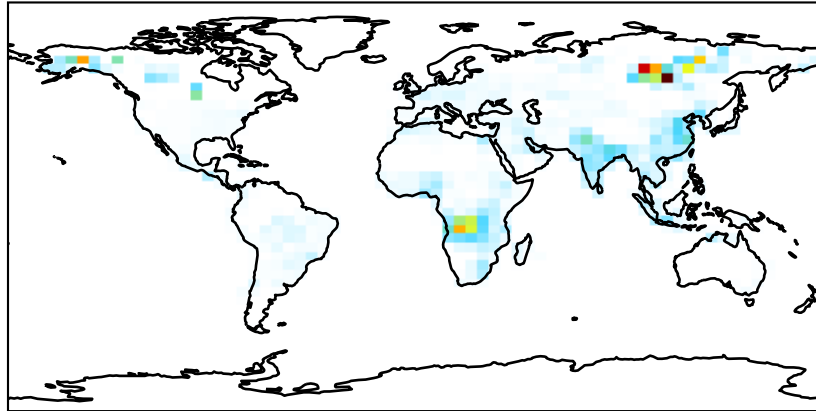


Ratio (1x1.25)
Dev/Ref, Fixed Range

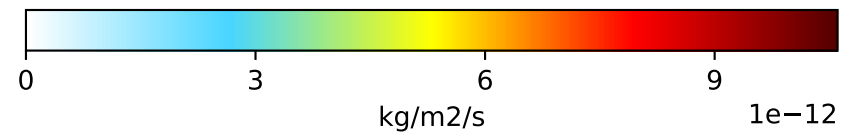
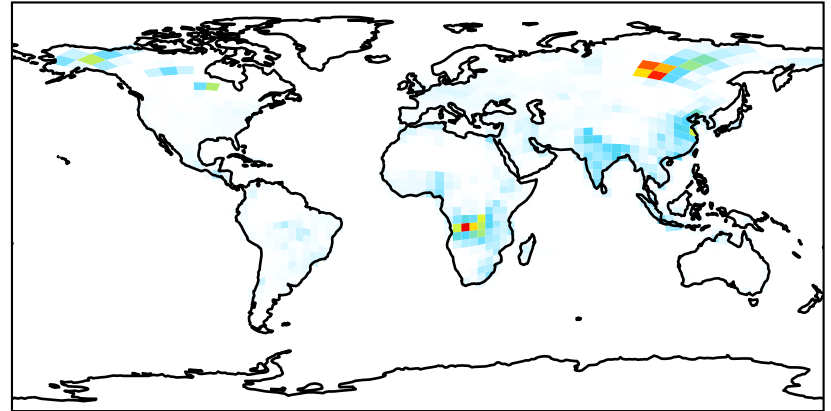


EmisBCPI_Total

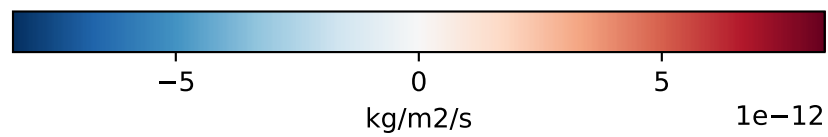
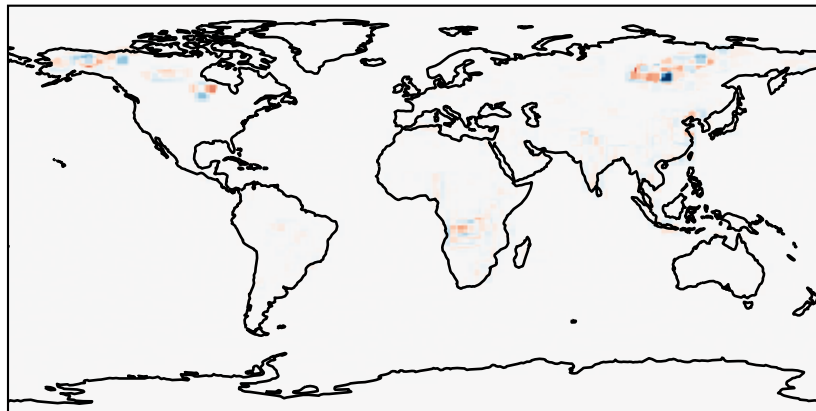
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



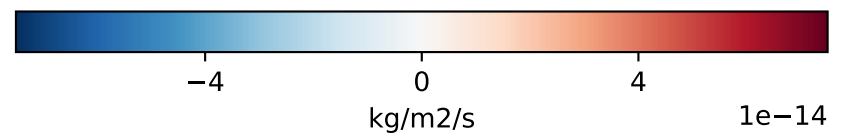
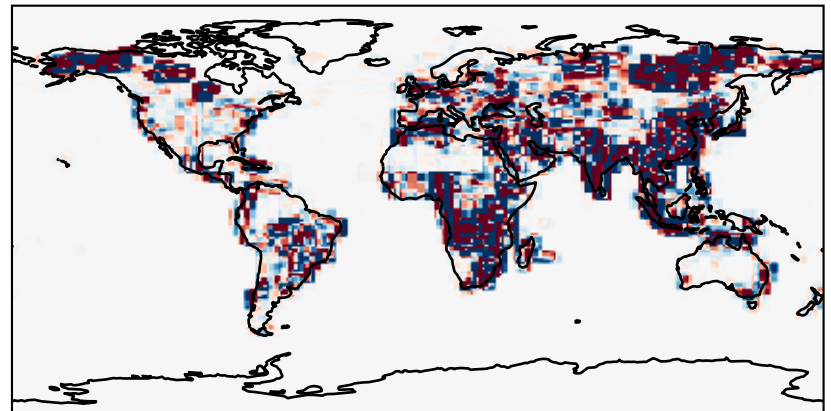
GCHP_14.2.0_GEOS-IT (Dev)
c24



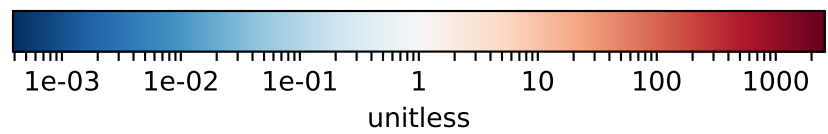
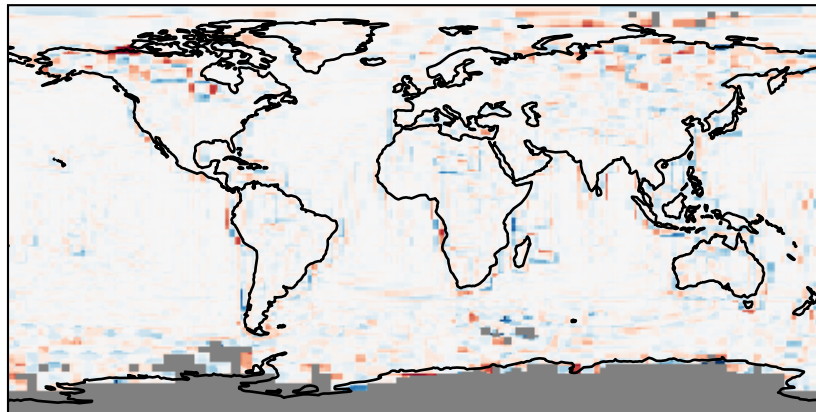
Difference (1x1.25)
Dev - Ref, Dynamic Range



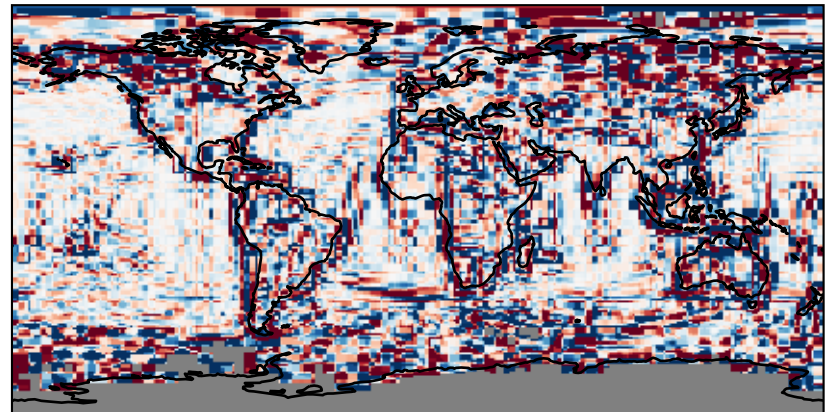
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

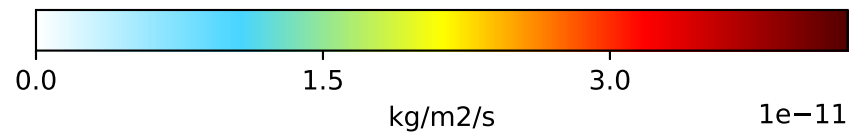
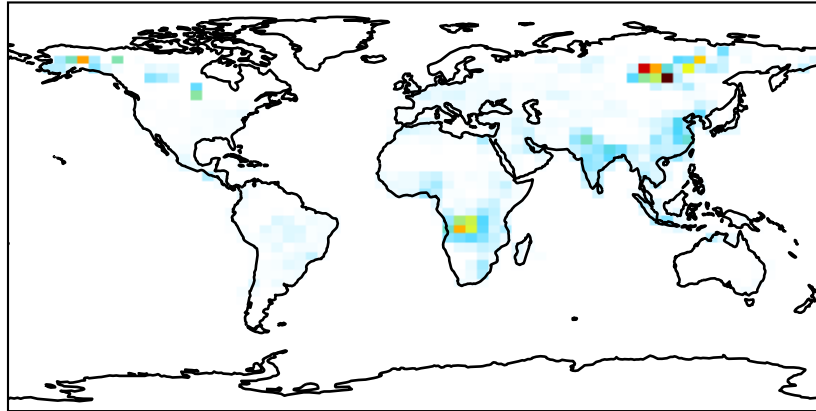


Ratio (1x1.25)
Dev/Ref, Fixed Range

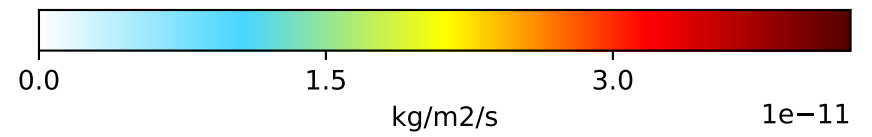
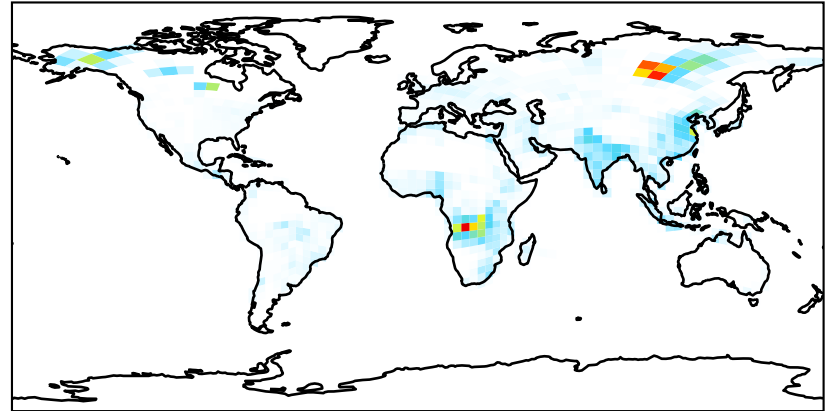


EmisBCPO_Total

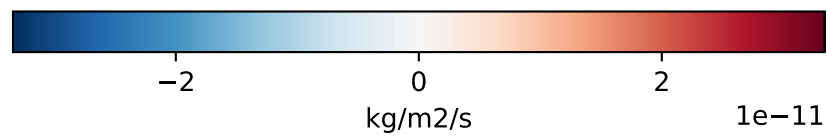
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



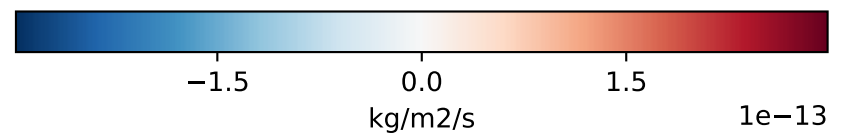
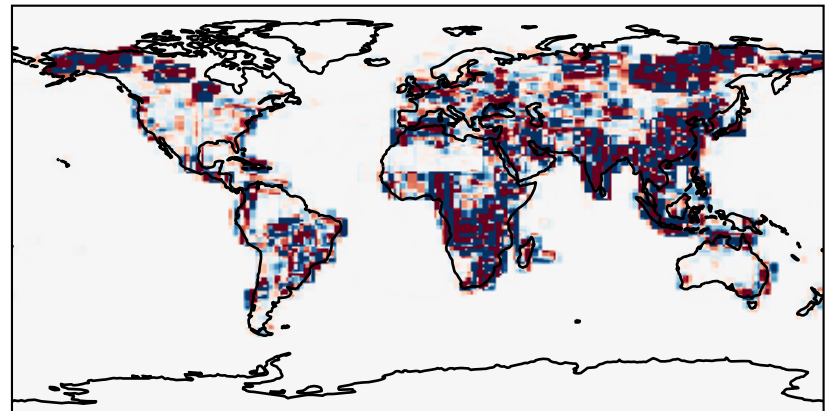
GCHP_14.2.0_GEOS-IT (Dev)
c24



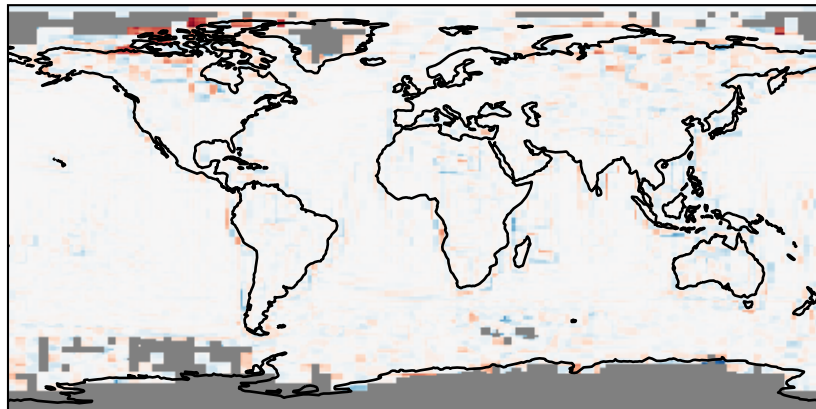
Difference (1x1.25)
Dev - Ref, Dynamic Range



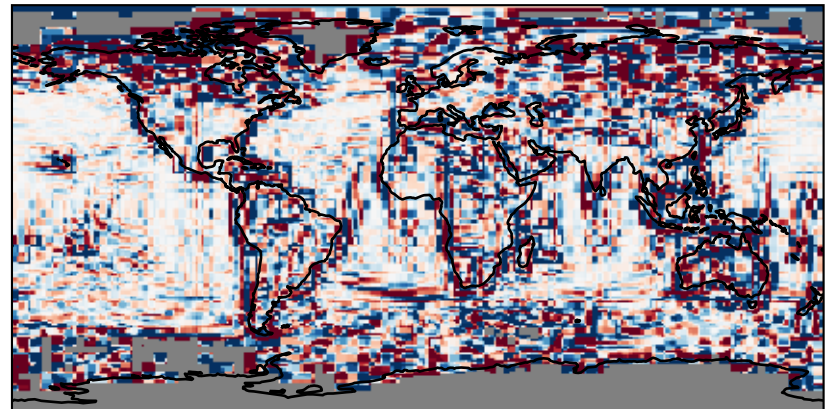
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

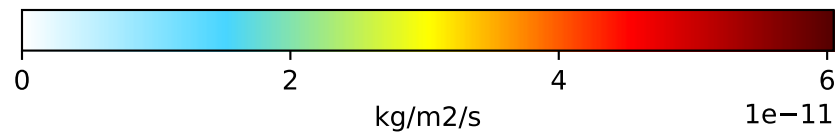
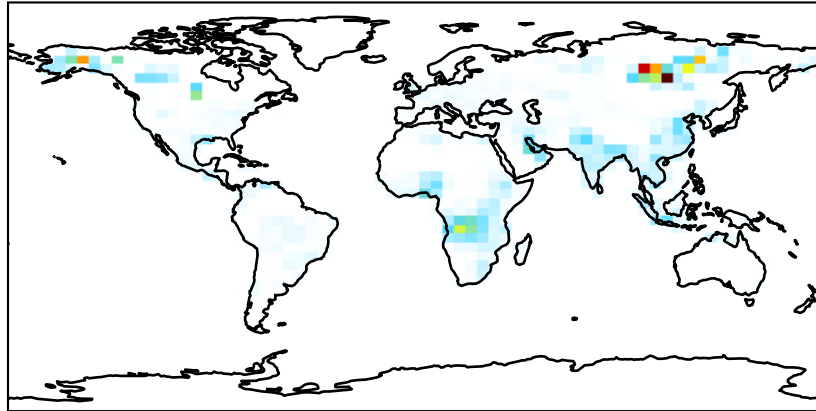


Ratio (1x1.25)
Dev/Ref, Fixed Range

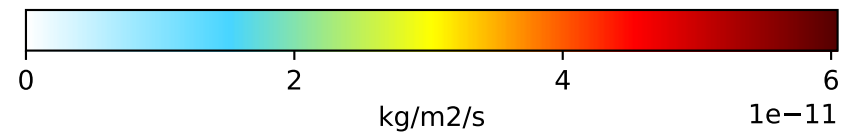
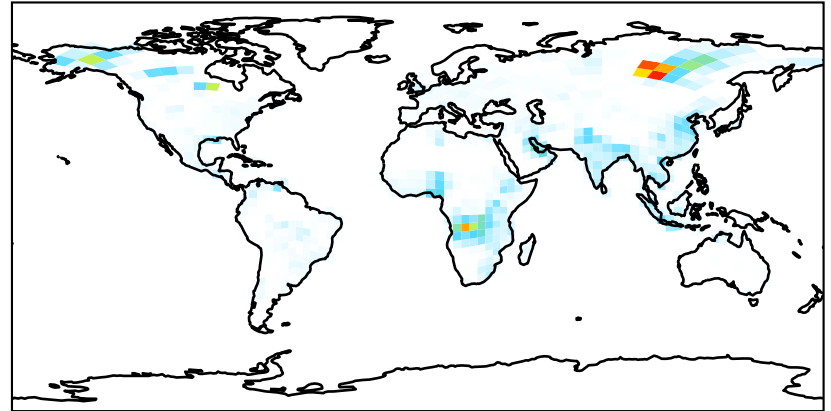


EmisBENZ_Total

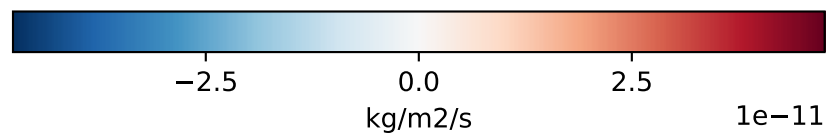
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



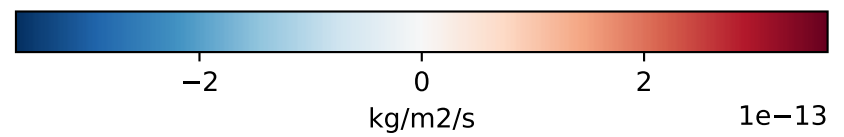
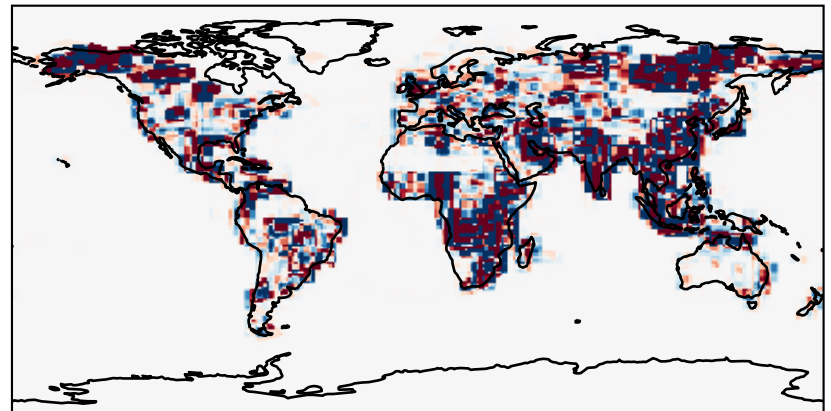
GCHP_14.2.0_GEOS-IT (Dev)
c24



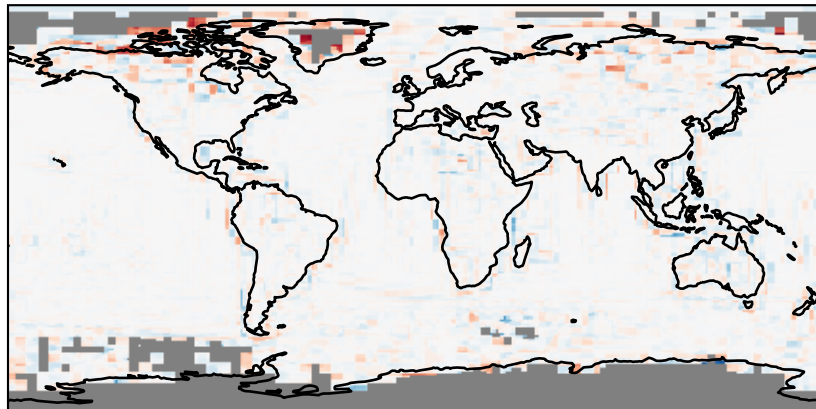
Difference (1x1.25)
Dev - Ref, Dynamic Range



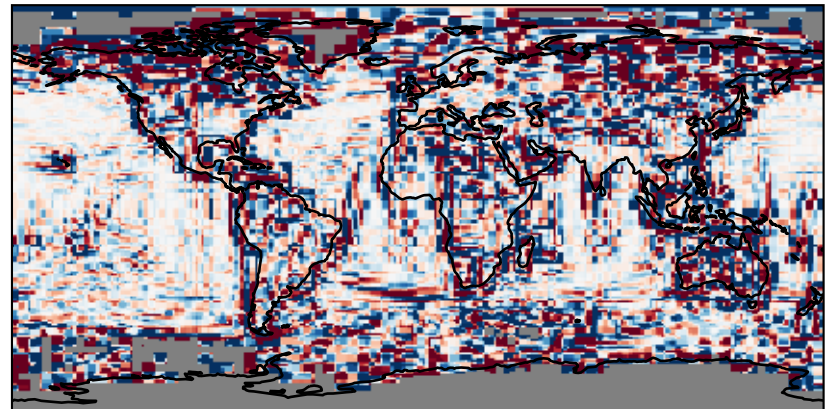
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

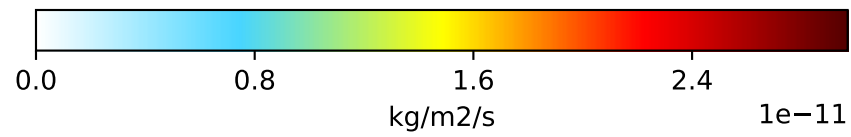
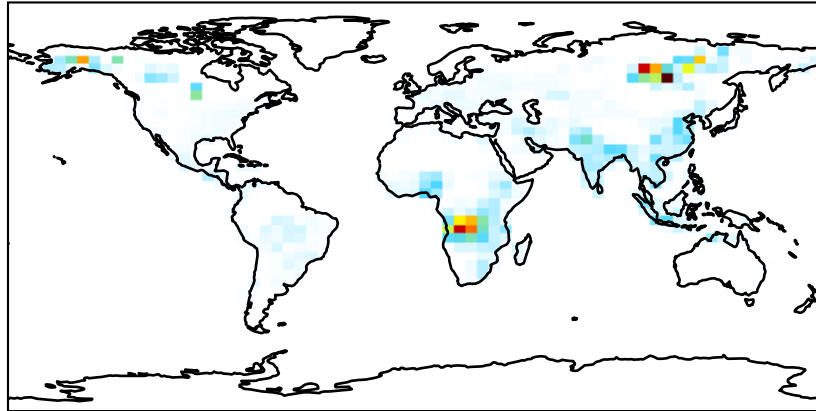


Ratio (1x1.25)
Dev/Ref, Fixed Range

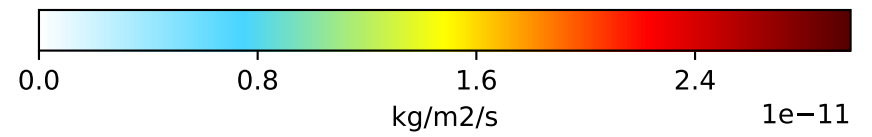
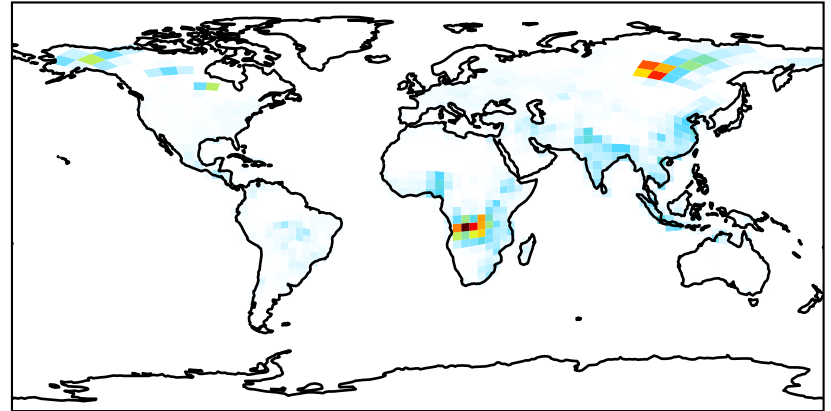


EmisC2H2_Total

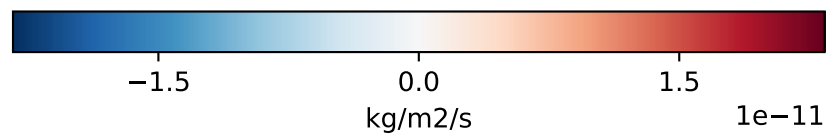
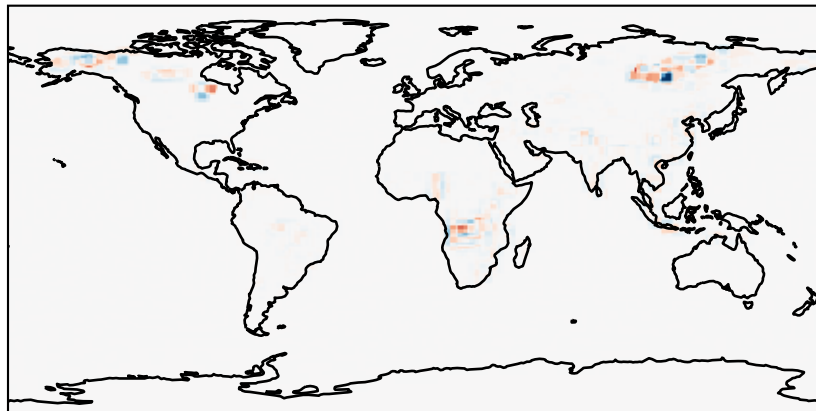
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



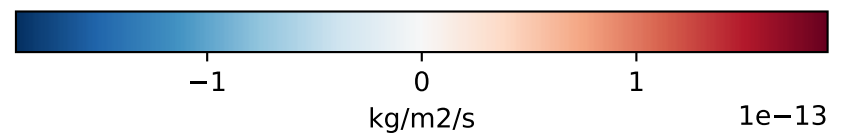
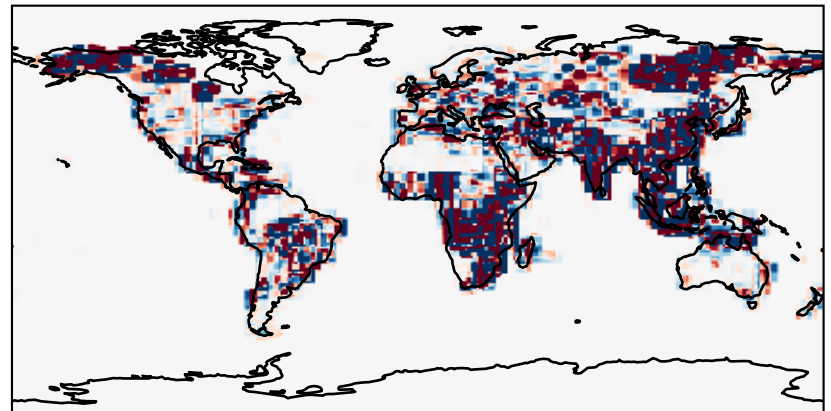
GCHP_14.2.0_GEOS-IT (Dev)
c24



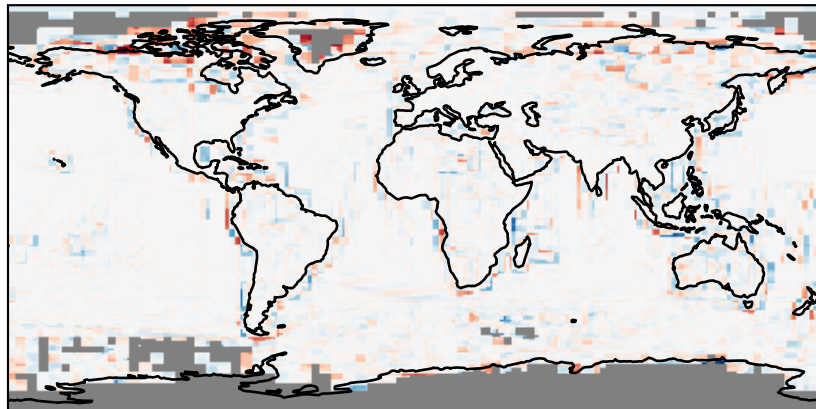
Difference (1x1.25)
Dev - Ref, Dynamic Range



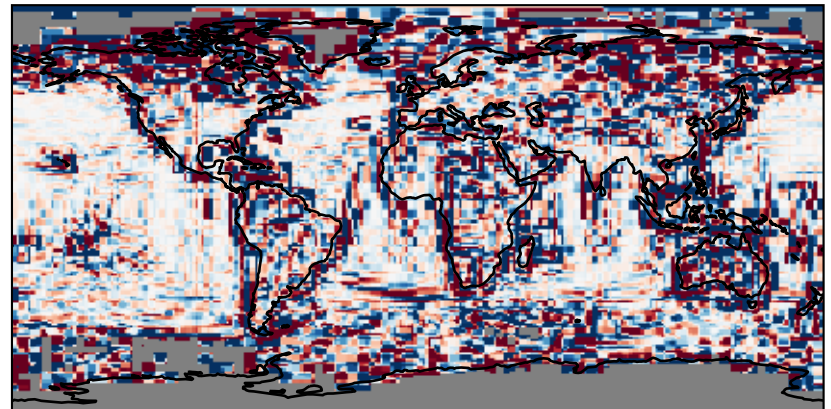
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

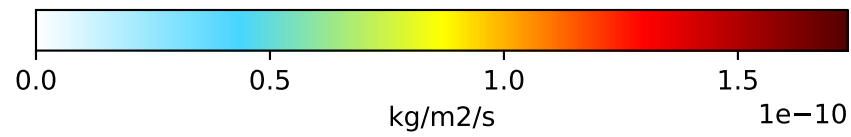
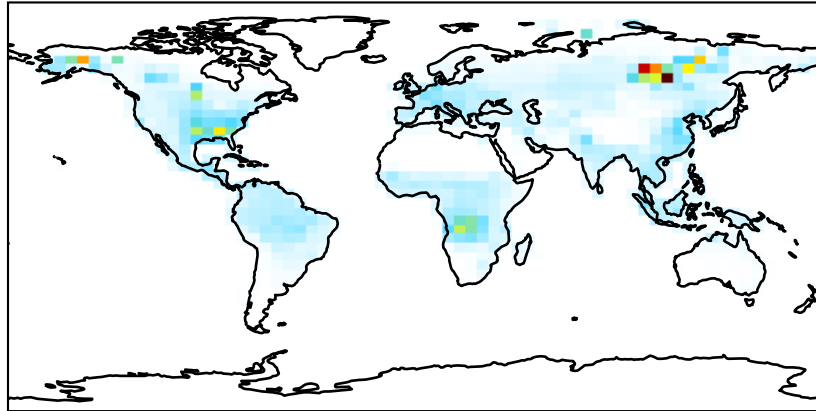


Ratio (1x1.25)
Dev/Ref, Fixed Range

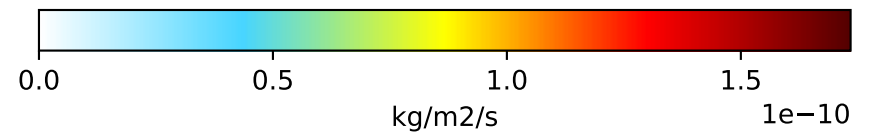
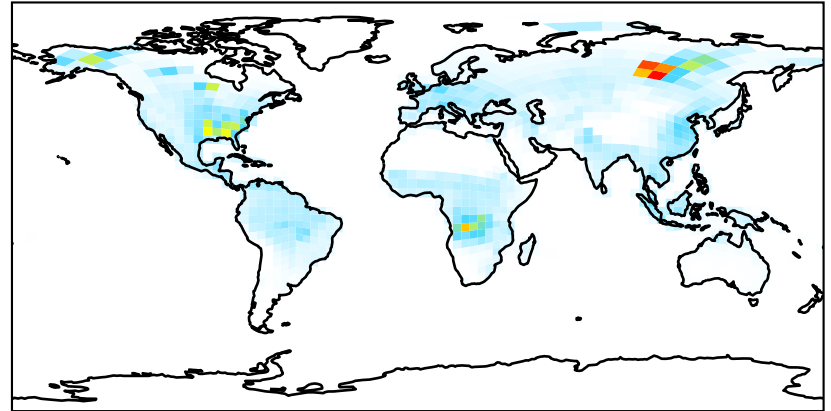


EmisC2H4_Total

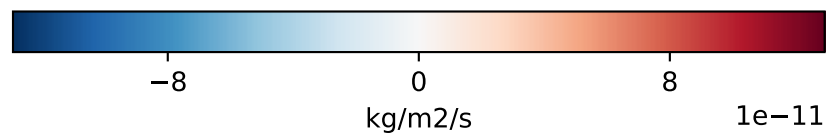
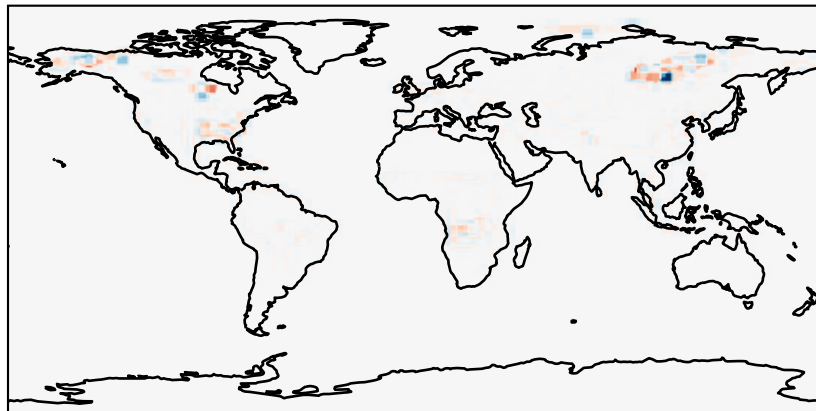
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



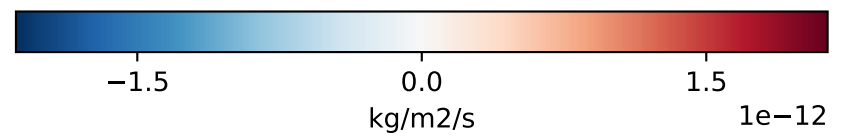
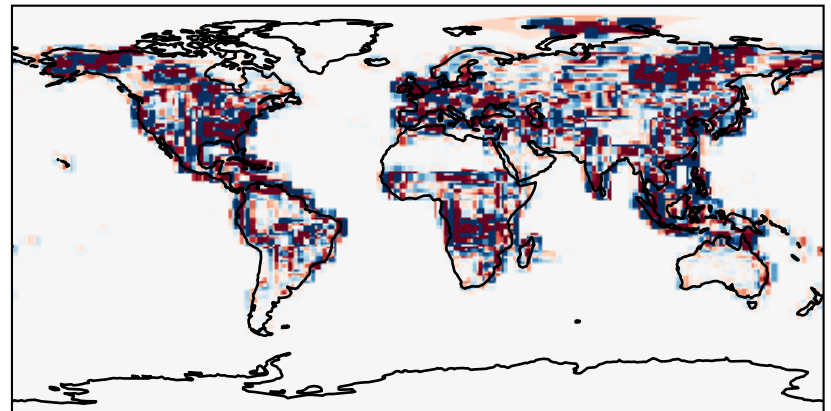
GCHP_14.2.0_GEOS-IT (Dev)
c24



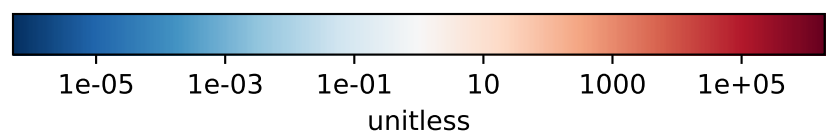
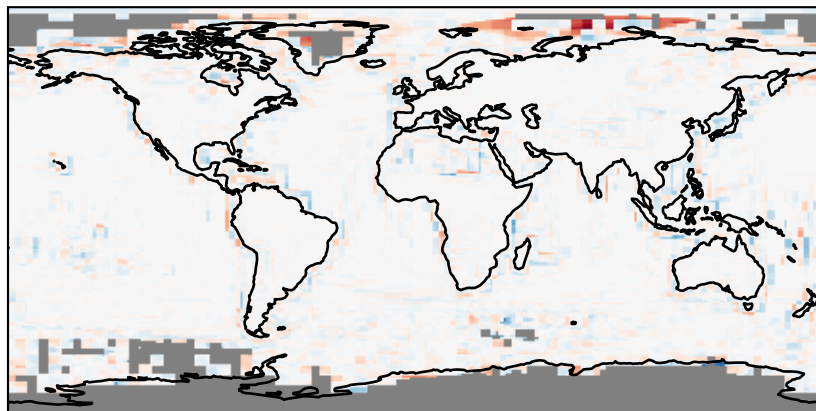
Difference (1x1.25)
Dev - Ref, Dynamic Range



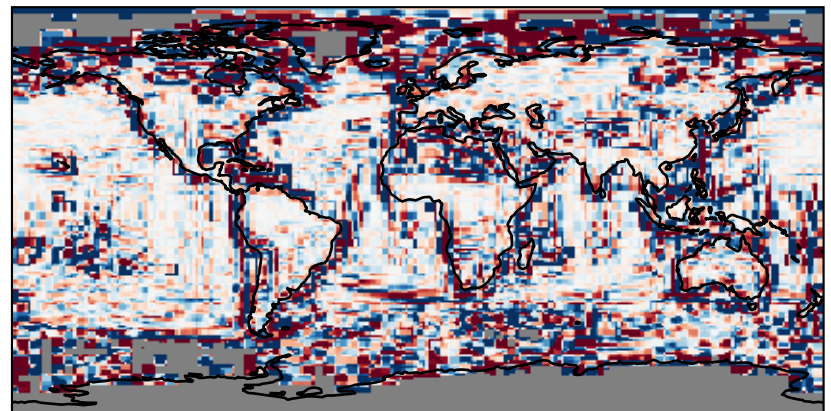
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

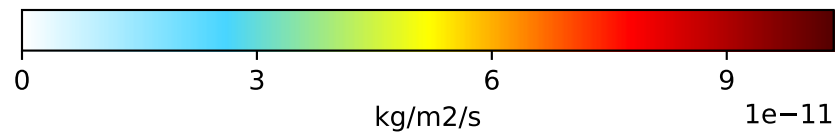
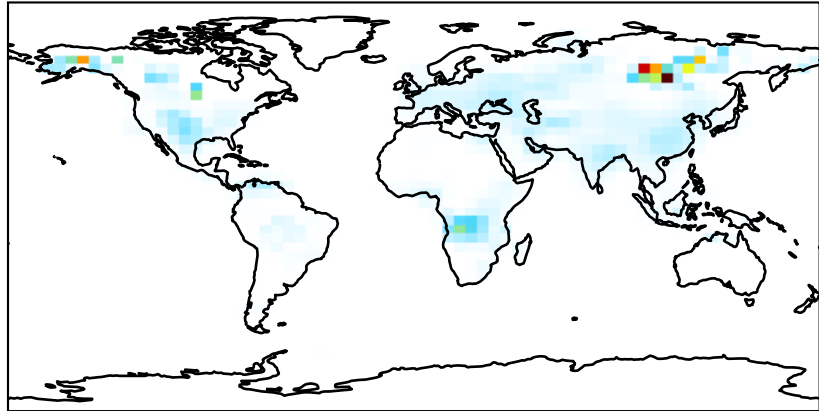


Ratio (1x1.25)
Dev/Ref, Fixed Range

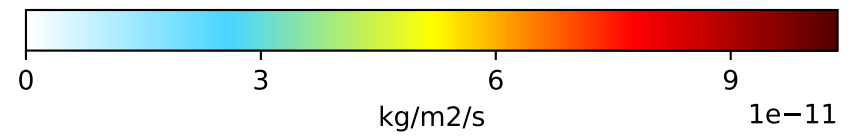
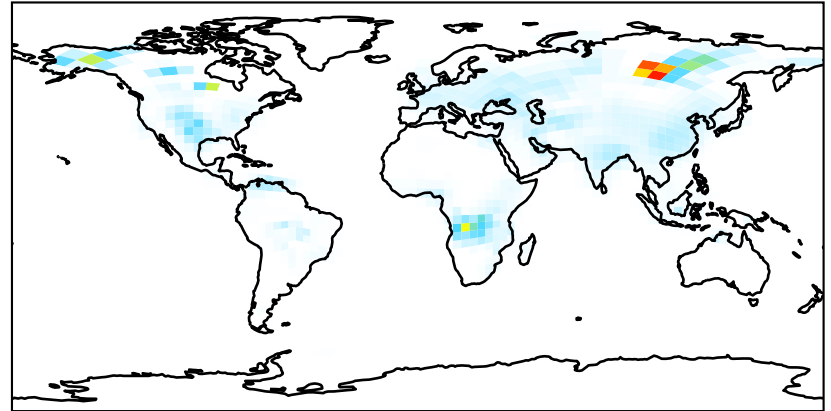


EmisC2H6_Total

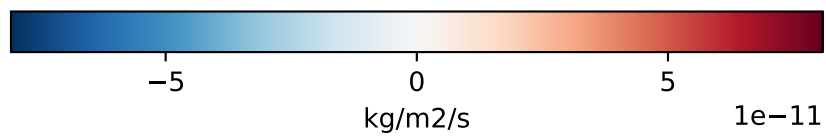
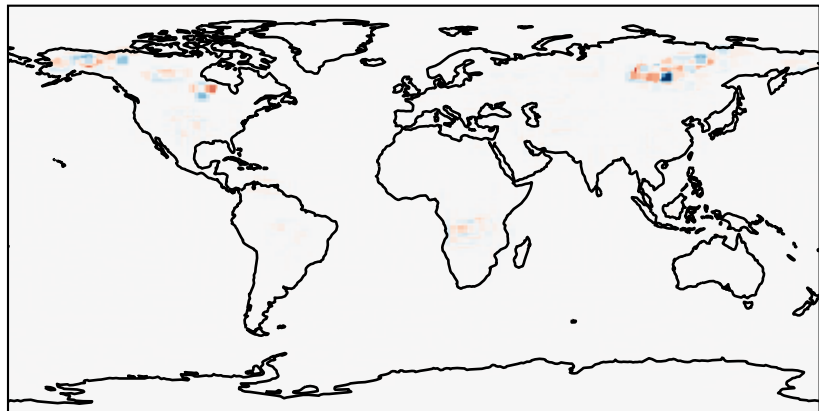
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



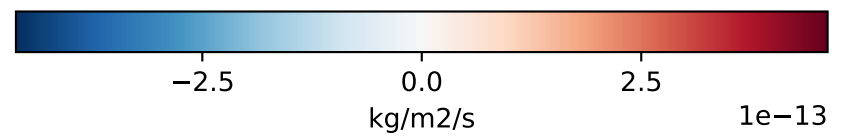
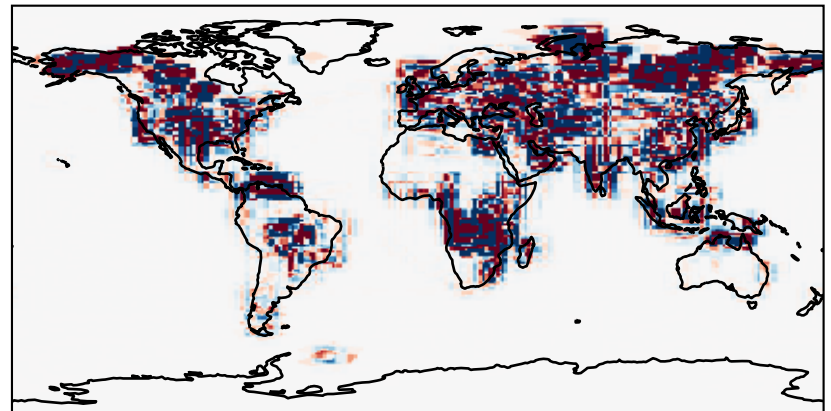
GCHP_14.2.0_GEOS-IT (Dev)
c24



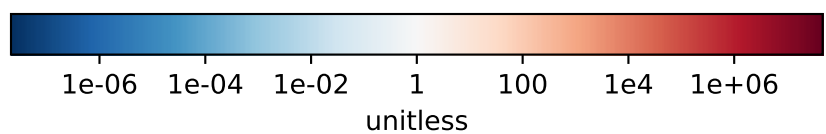
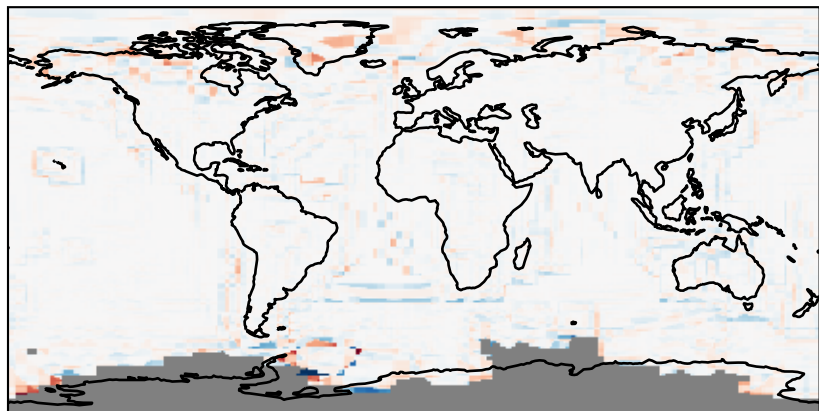
Difference (1x1.25)
Dev - Ref, Dynamic Range



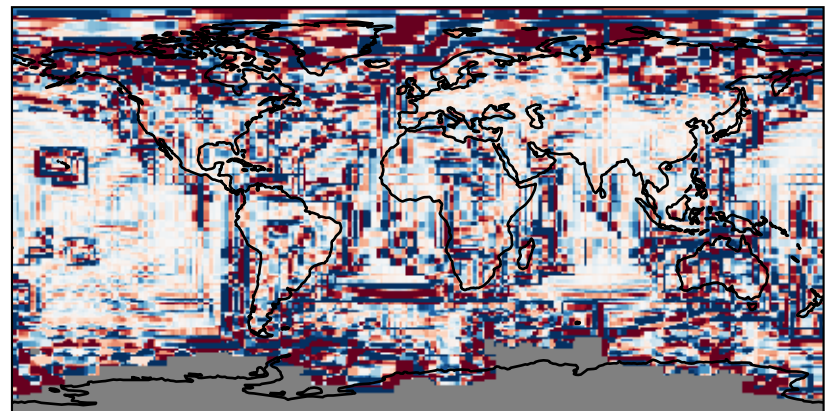
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

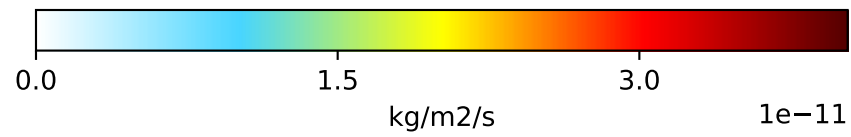
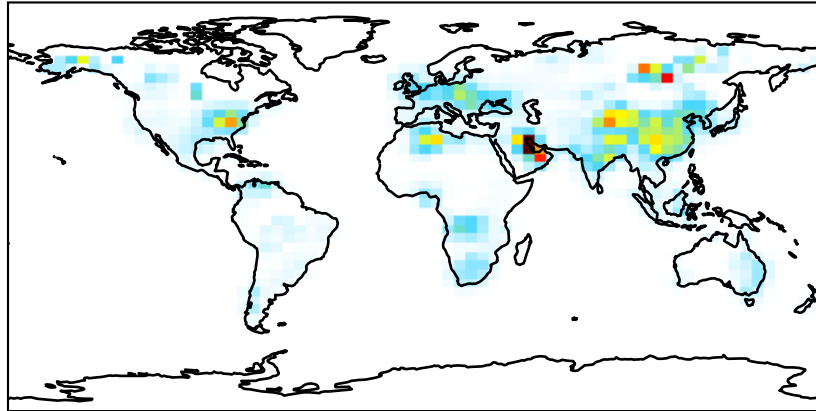


Ratio (1x1.25)
Dev/Ref, Fixed Range

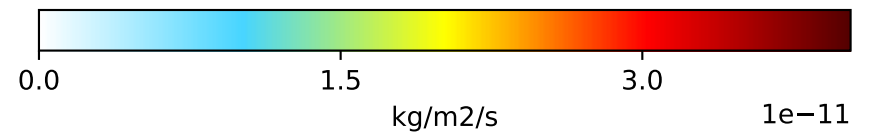
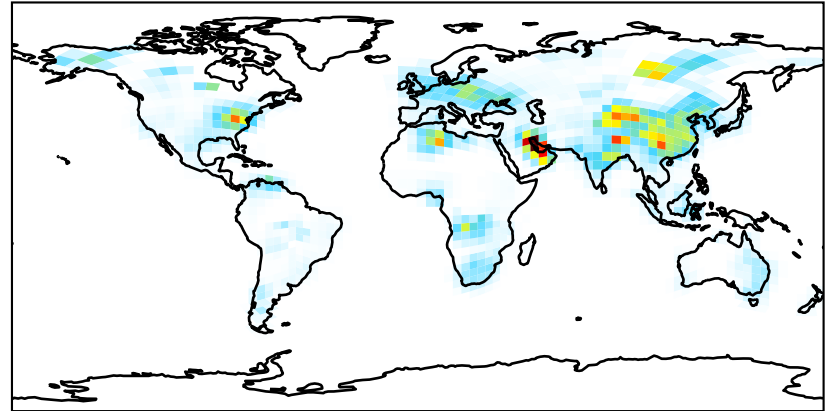


EmisC3H8_Total

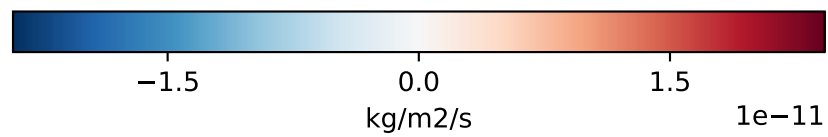
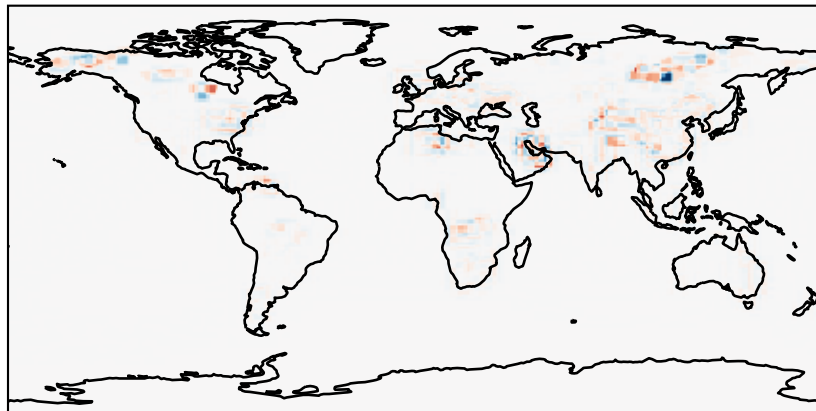
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



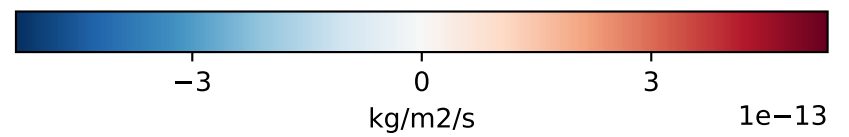
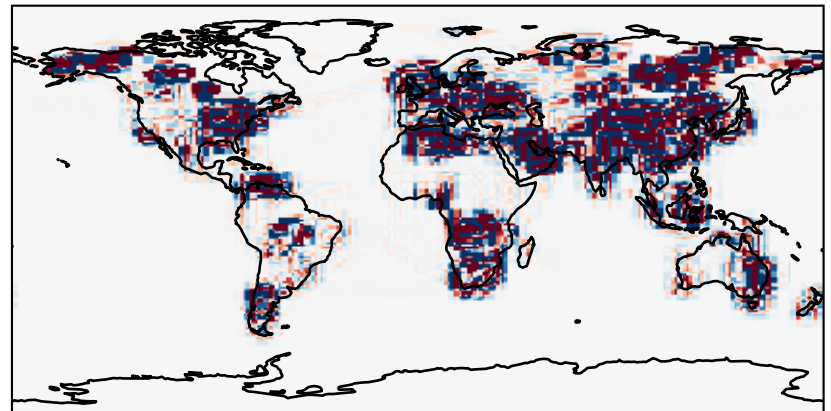
GCHP_14.2.0_GEOS-IT (Dev)
c24



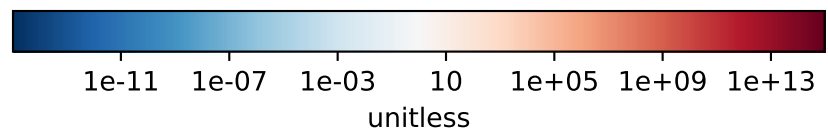
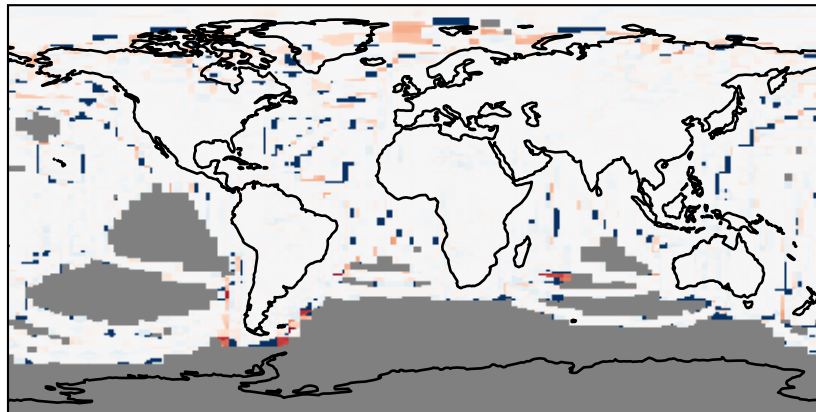
Difference (1x1.25)
Dev - Ref, Dynamic Range



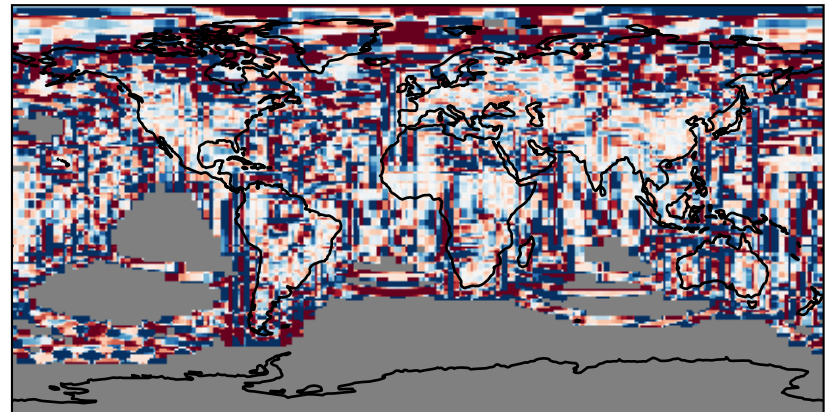
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

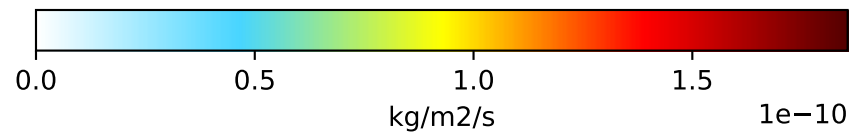
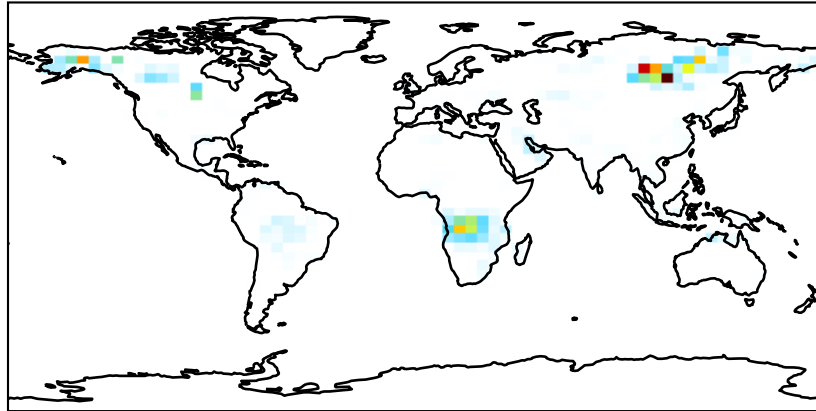


Ratio (1x1.25)
Dev/Ref, Fixed Range

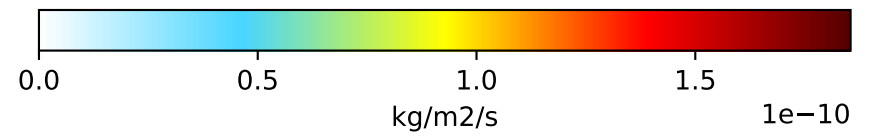
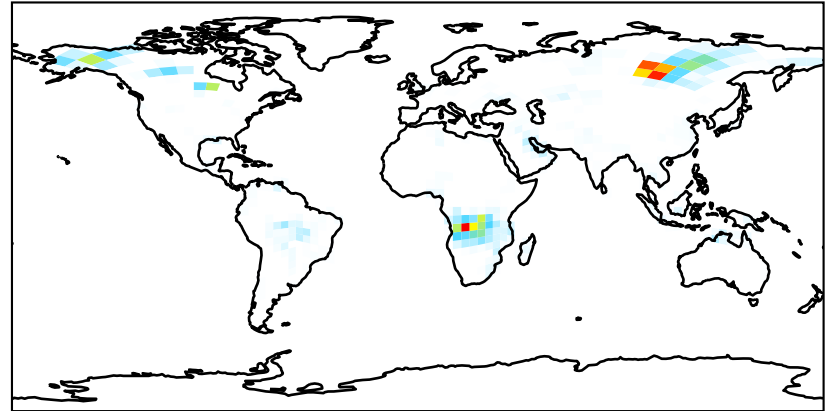


EmisCH2O_Total

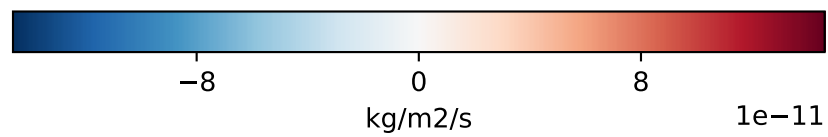
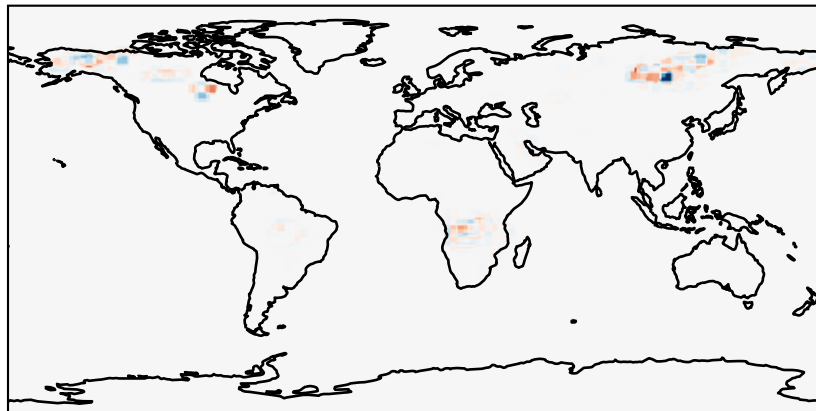
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



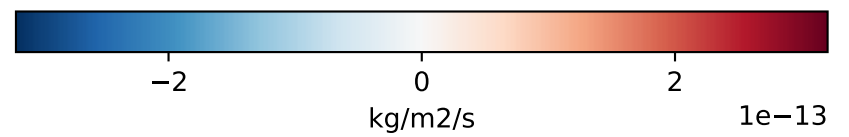
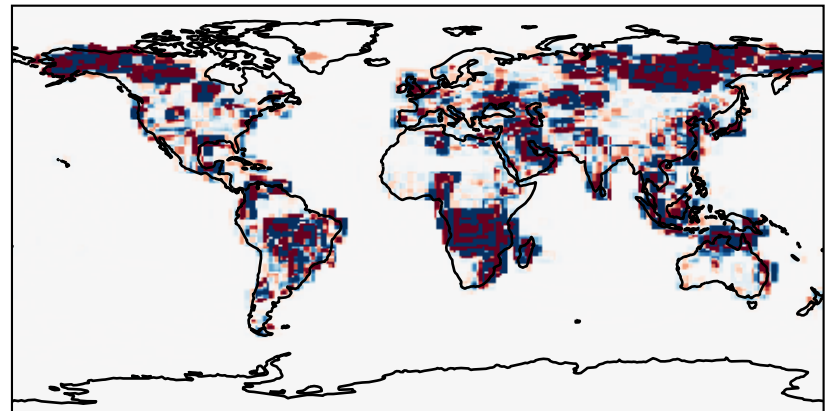
GCHP_14.2.0_GEOS-IT (Dev)
c24



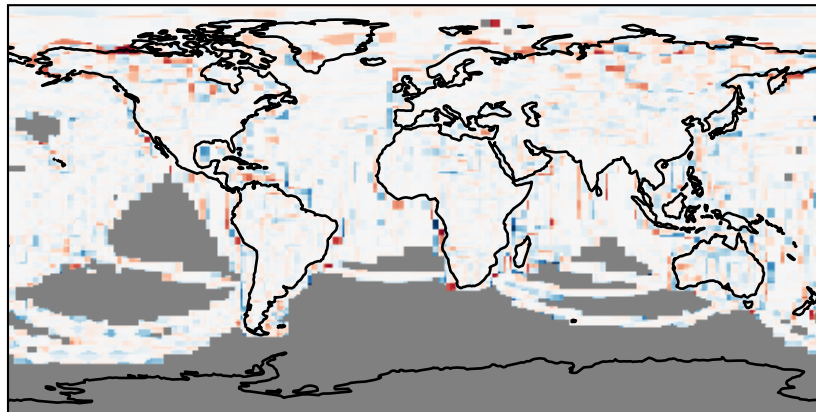
Difference (1x1.25)
Dev - Ref, Dynamic Range



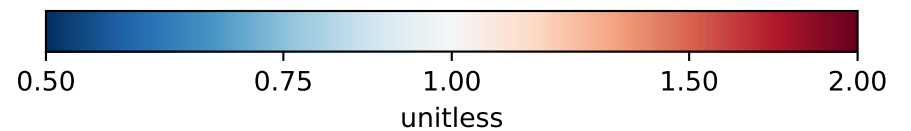
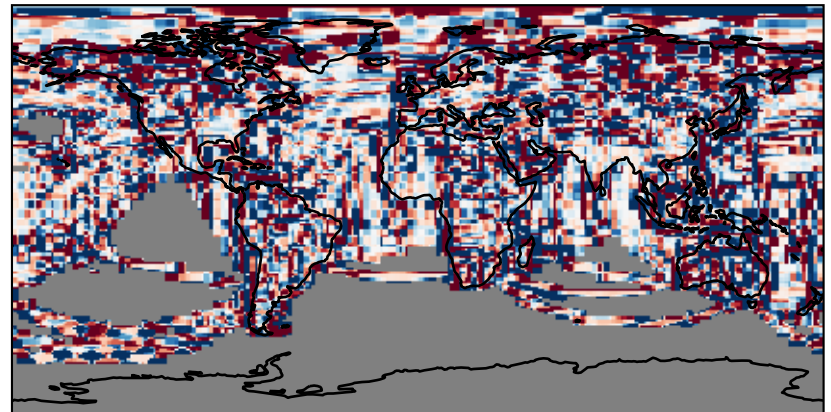
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



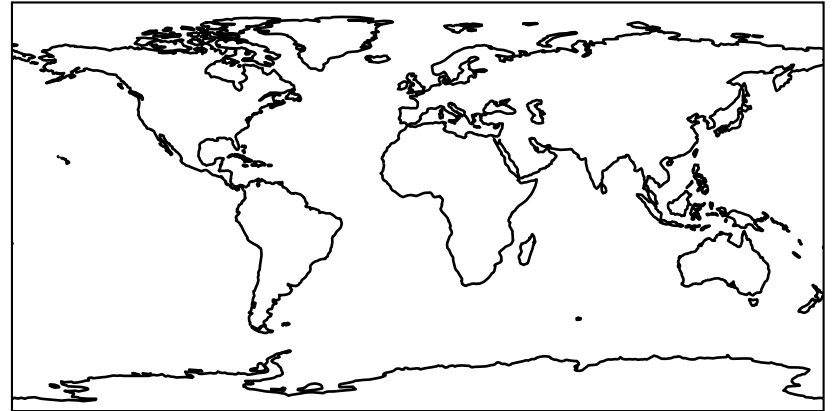
EmisCO2_Total

GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



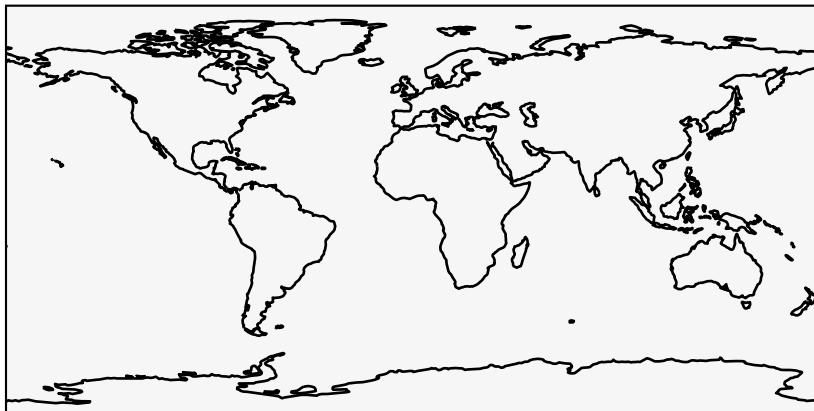
Zero throughout domain
kg/m2/s

GCHP_14.2.0_GEOS-IT (Dev)
c24



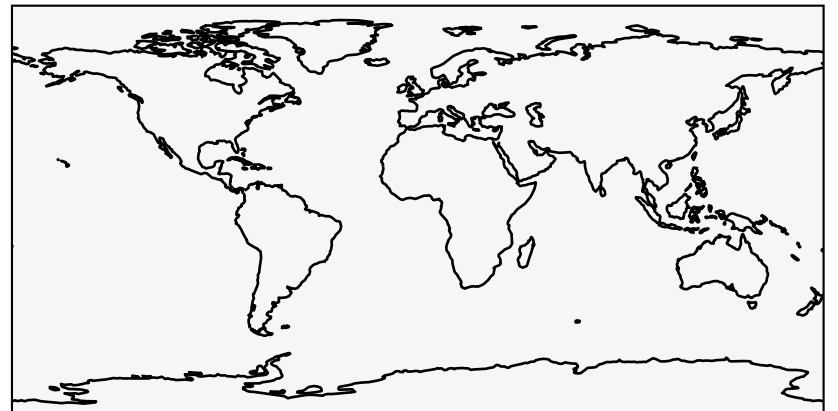
Zero throughout domain
kg/m2/s

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



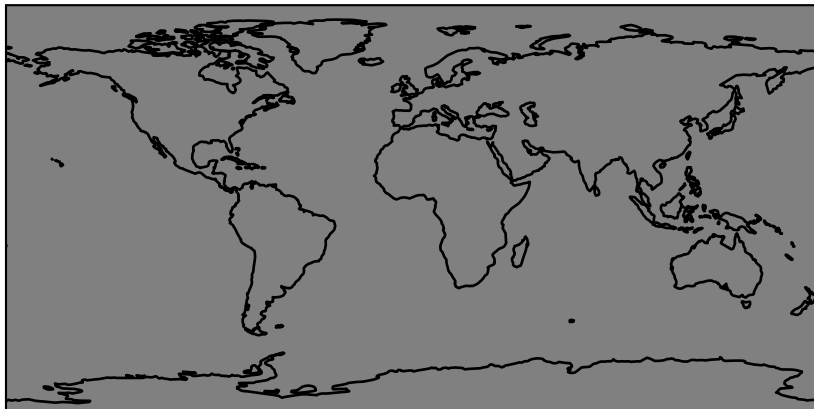
Zero throughout domain
kg/m2/s

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



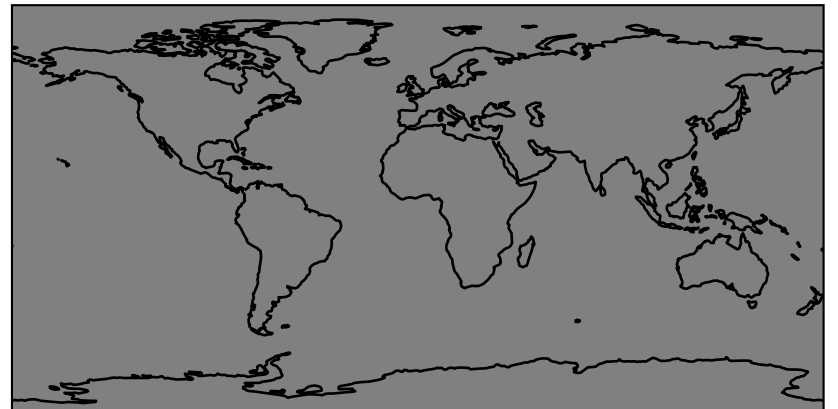
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

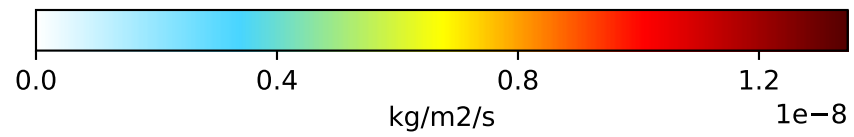
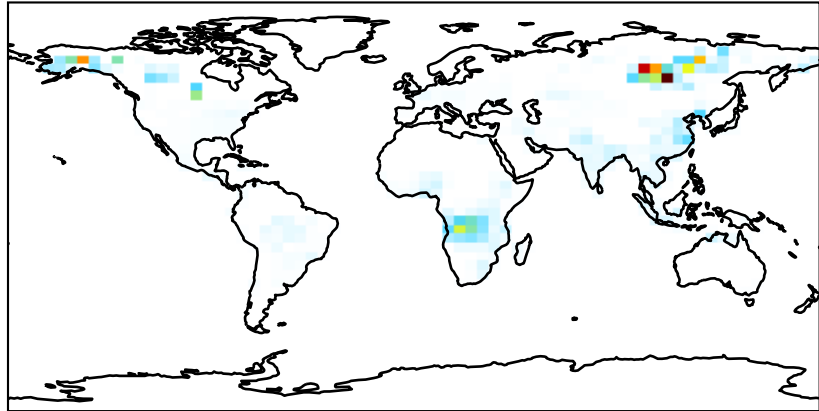
Ratio (1x1.25)
Dev/Ref, Fixed Range



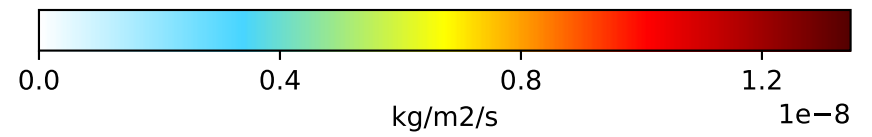
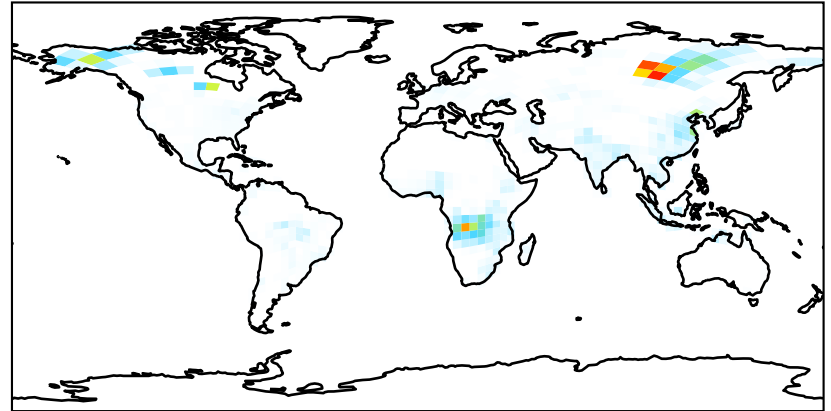
Undefined throughout domain
unitless

EmisCO_Total

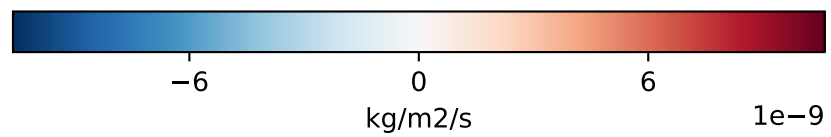
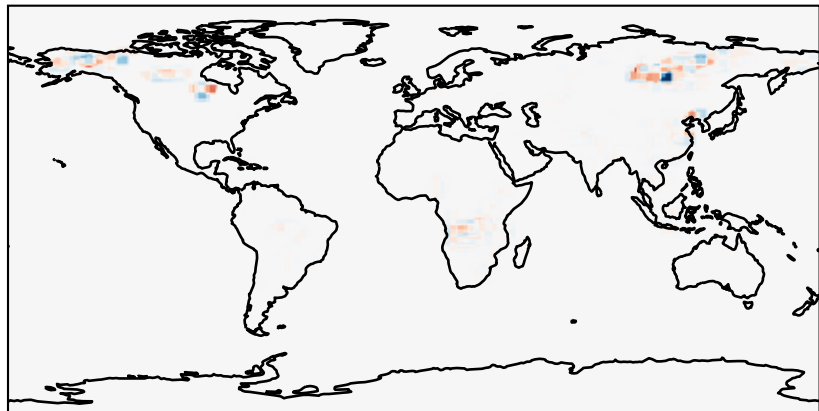
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



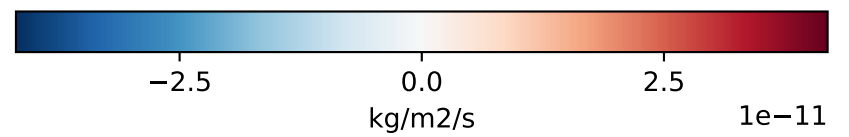
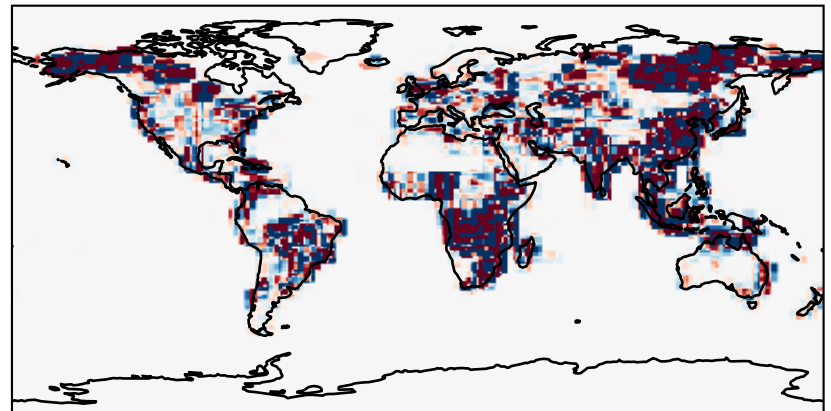
GCHP_14.2.0_GEOS-IT (Dev)
c24



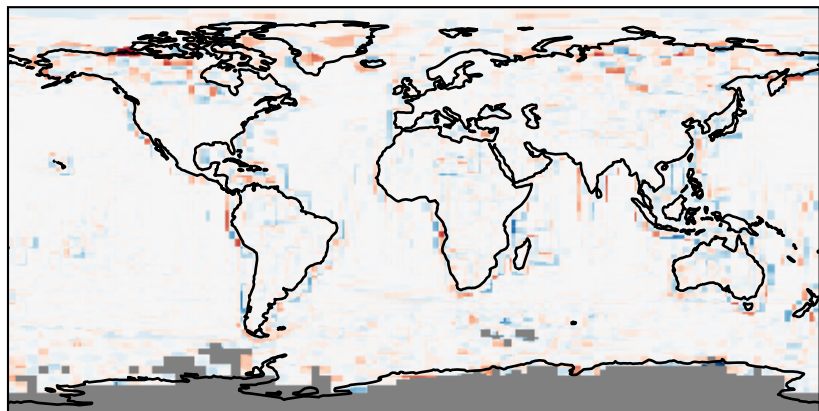
Difference (1x1.25)
Dev - Ref, Dynamic Range



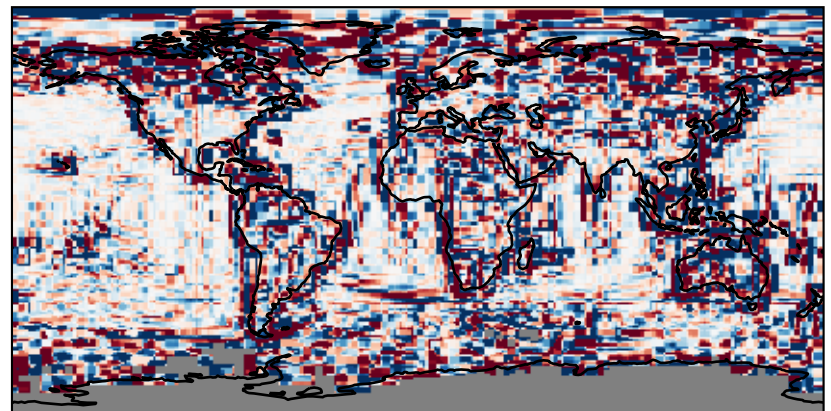
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

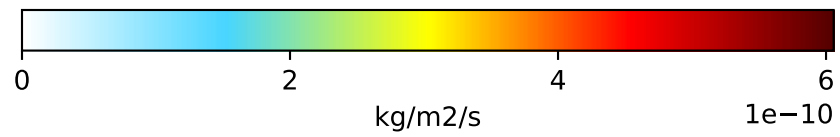
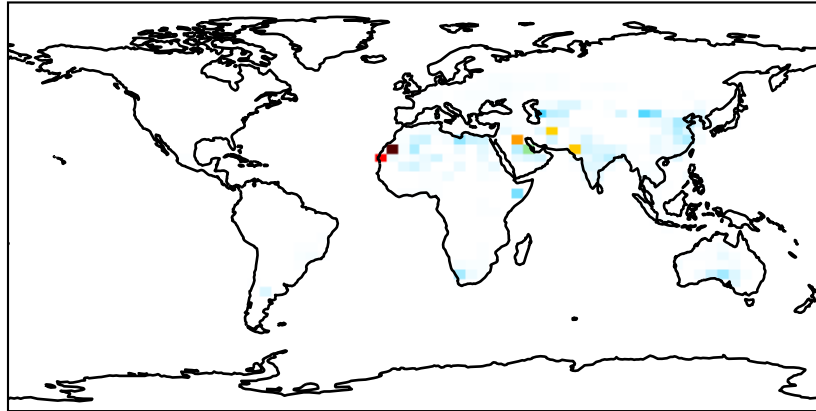


Ratio (1x1.25)
Dev/Ref, Fixed Range

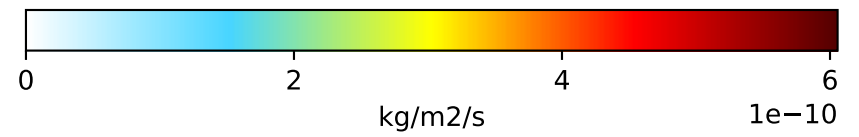
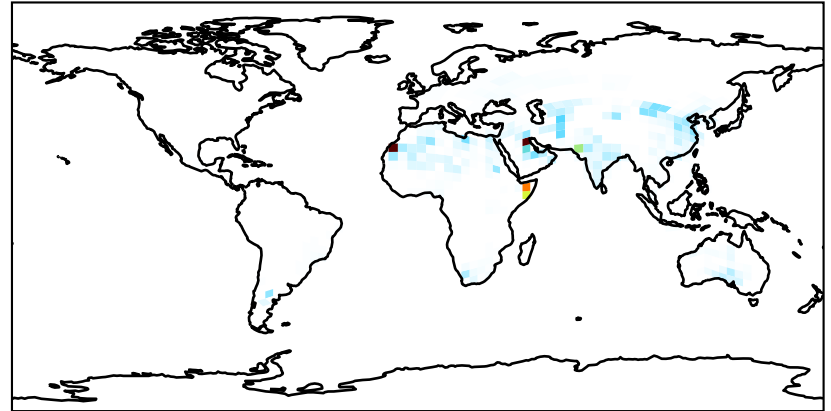


EmisDST1_Total

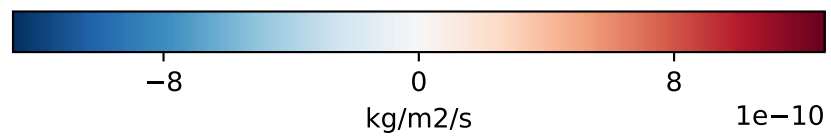
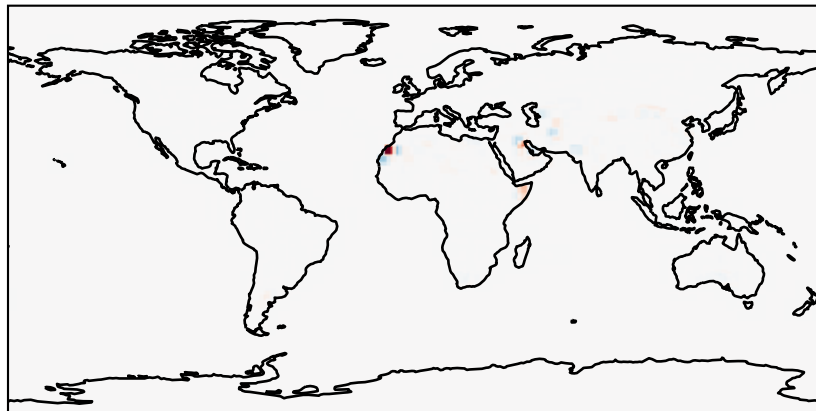
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



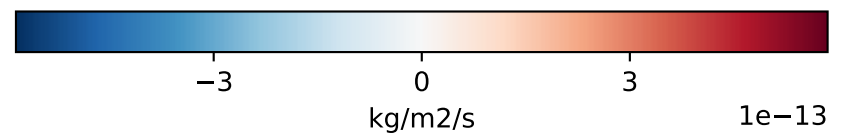
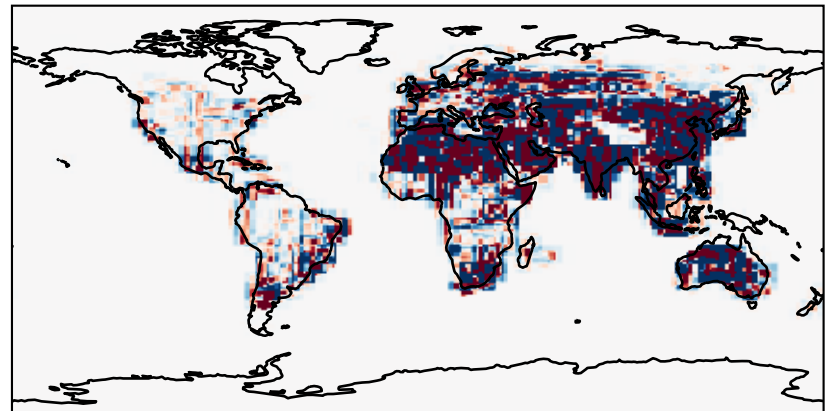
GCHP_14.2.0_GEOS-IT (Dev)
c24



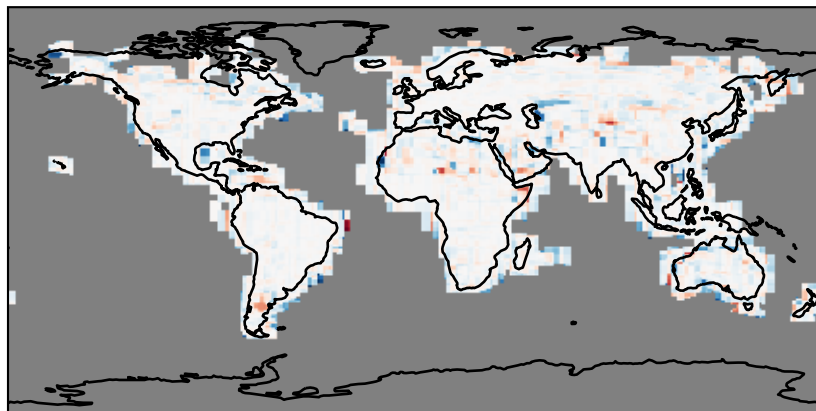
Difference (1x1.25)
Dev - Ref, Dynamic Range



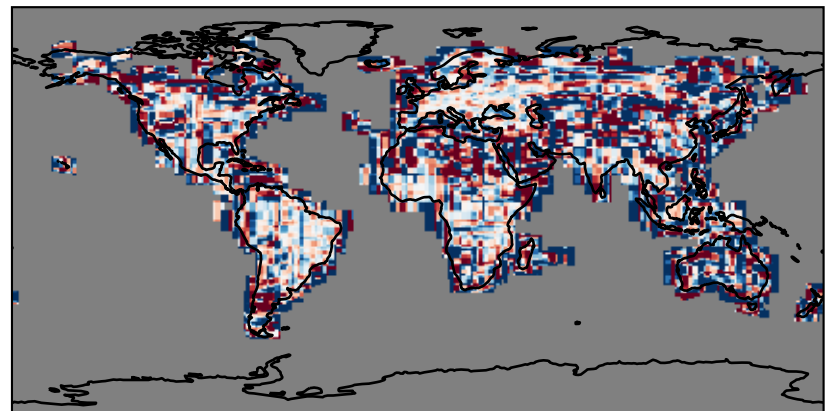
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

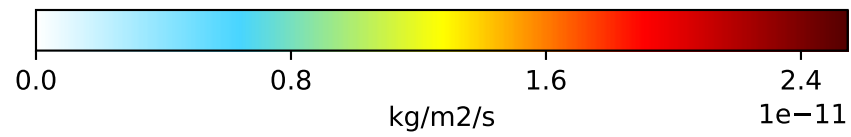
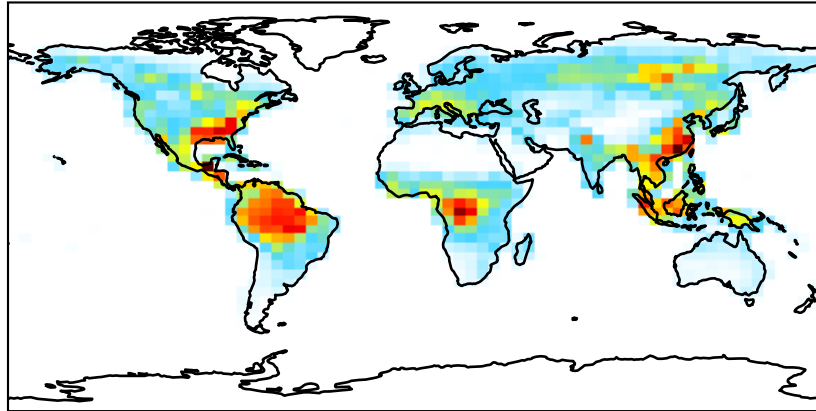


Ratio (1x1.25)
Dev/Ref, Fixed Range

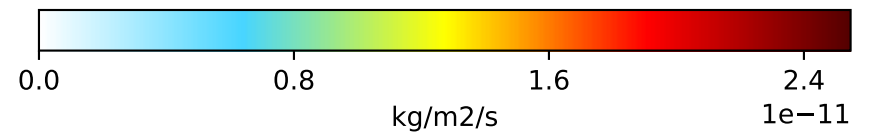
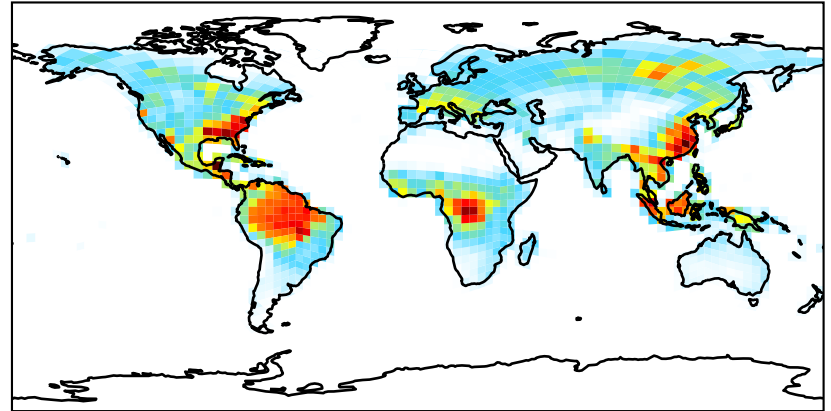


EmisEOH_Total

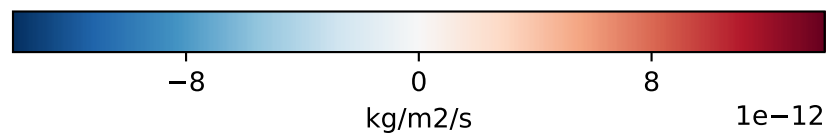
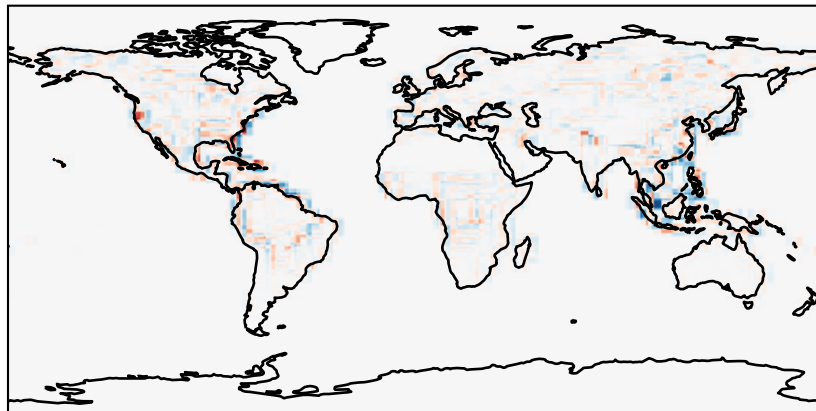
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



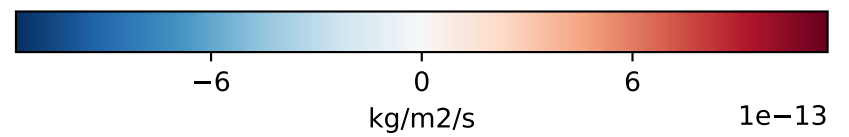
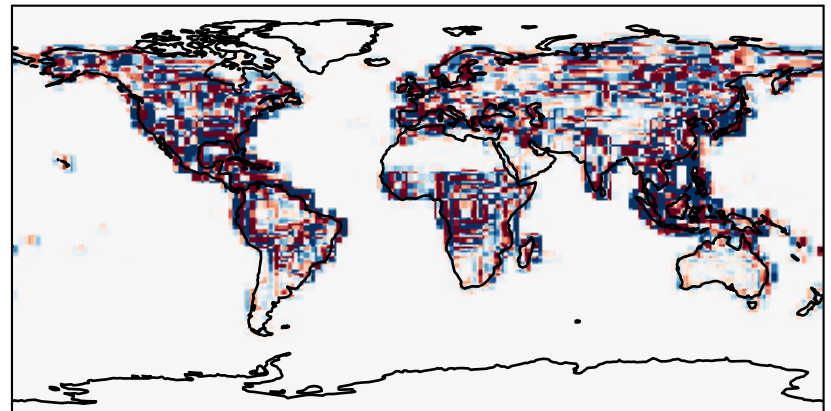
GCHP_14.2.0_GEOS-IT (Dev)
c24



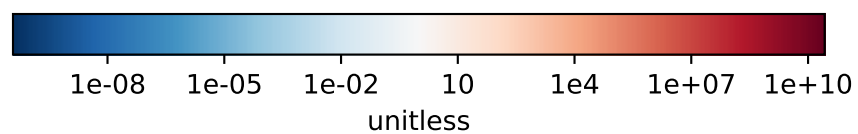
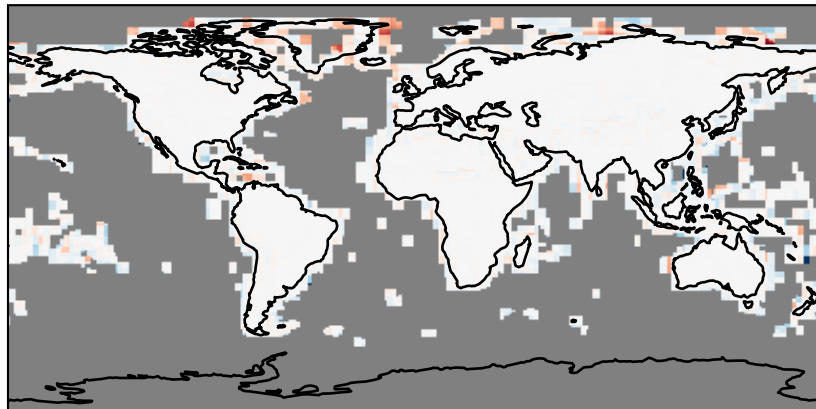
Difference (1x1.25)
Dev - Ref, Dynamic Range



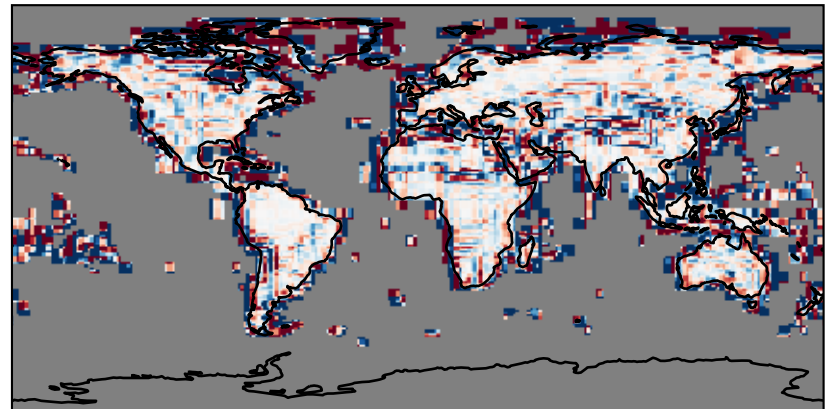
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

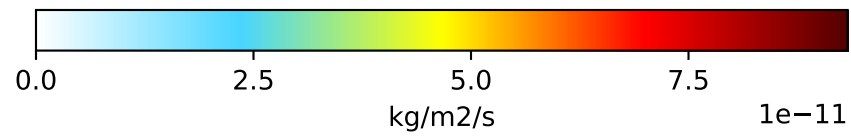
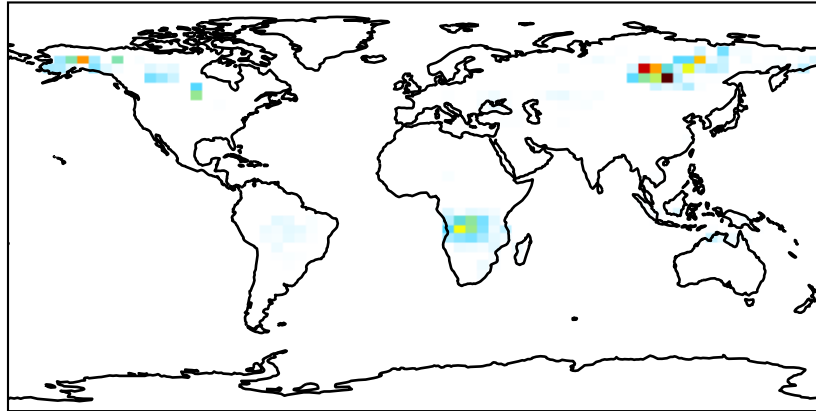


Ratio (1x1.25)
Dev/Ref, Fixed Range

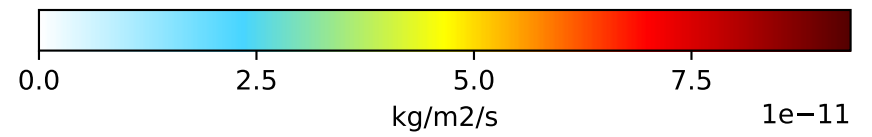
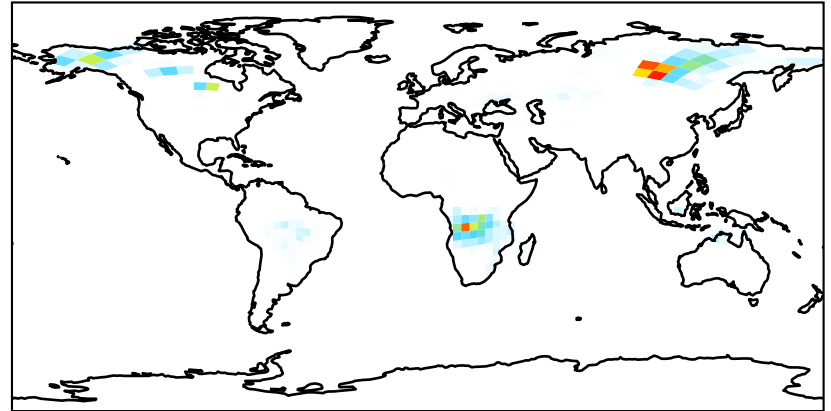


EmisFURA_Total

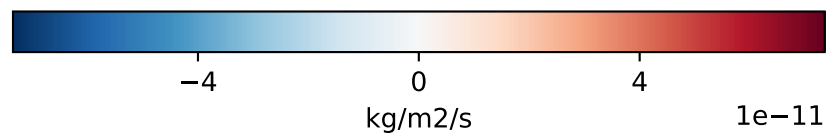
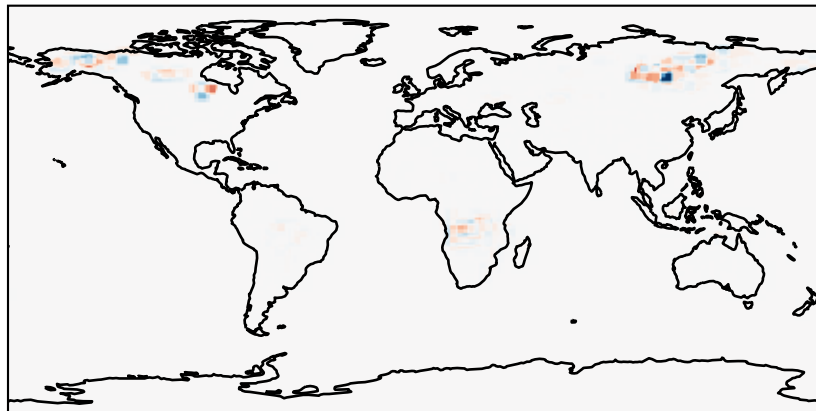
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



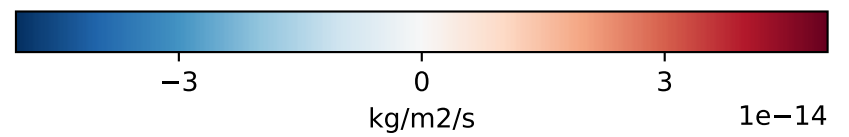
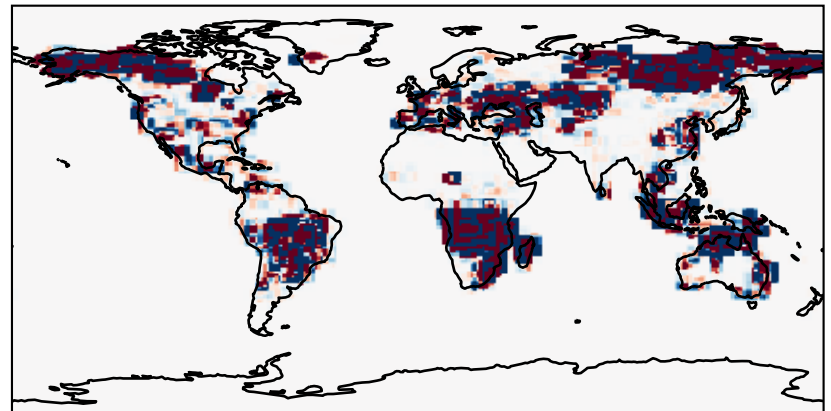
GCHP_14.2.0_GEOS-IT (Dev)
c24



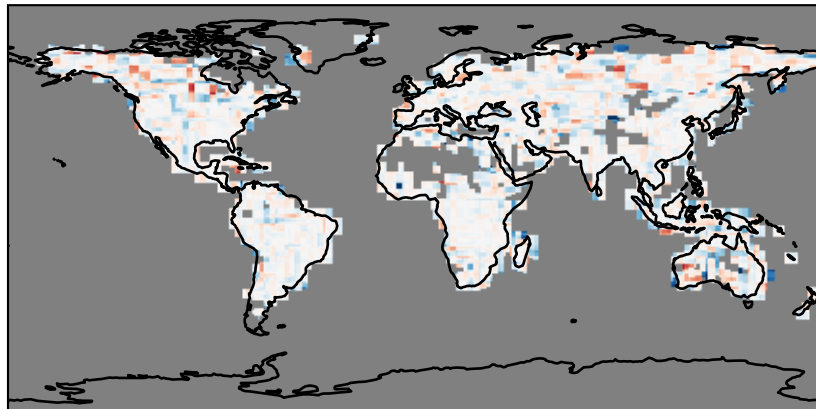
Difference (1x1.25)
Dev - Ref, Dynamic Range



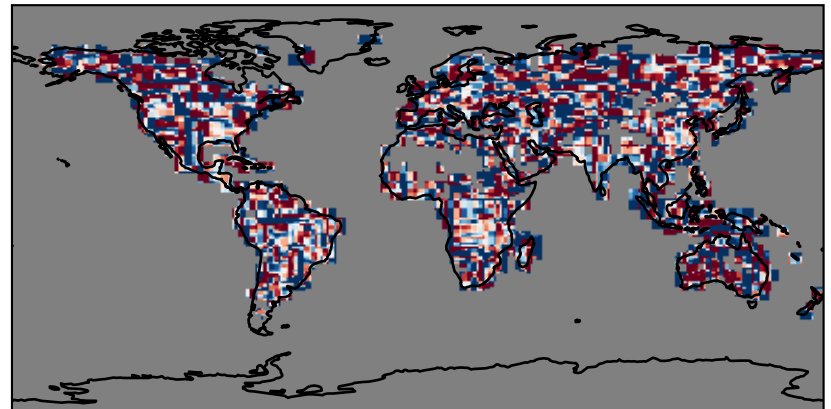
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

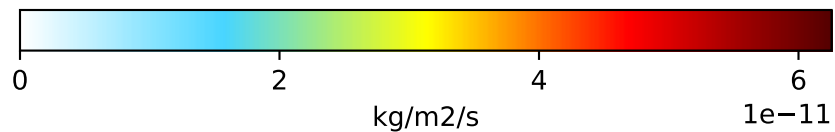
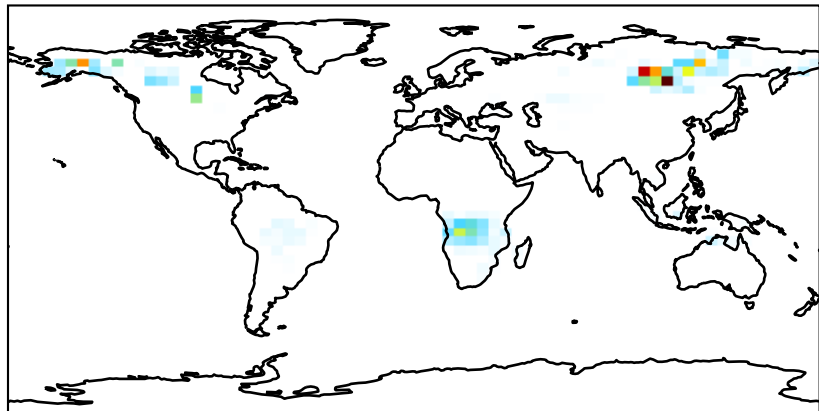


Ratio (1x1.25)
Dev/Ref, Fixed Range

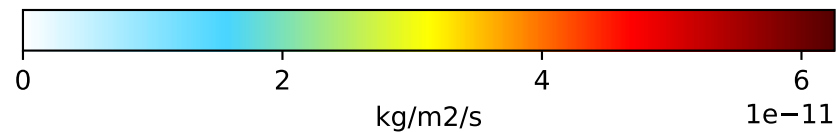
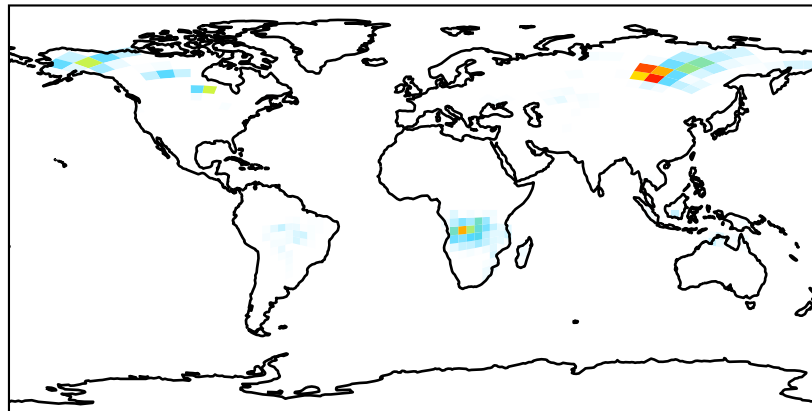


EmisGLYX_Total

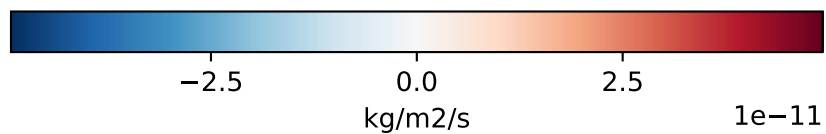
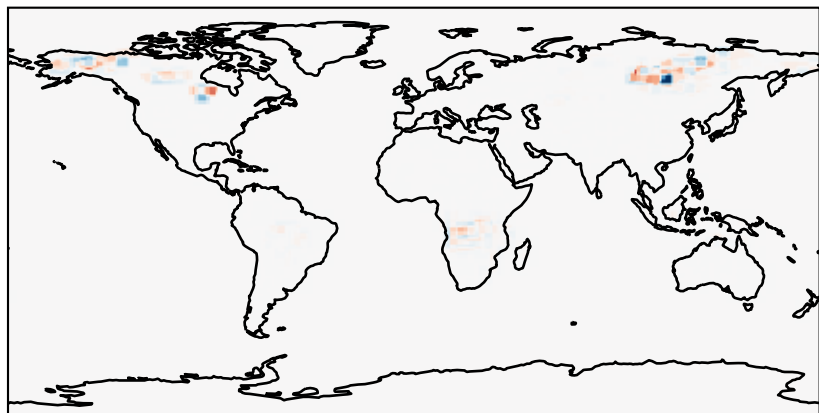
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



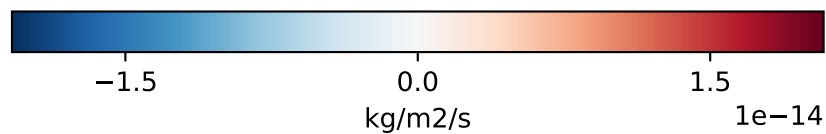
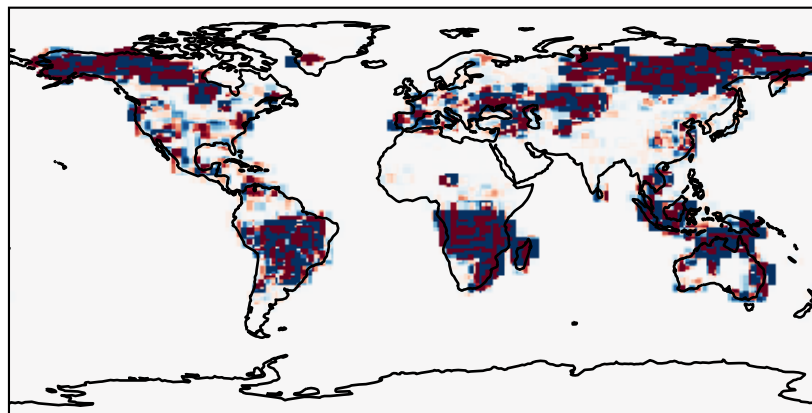
GCHP_14.2.0_GEOS-IT (Dev)
c24



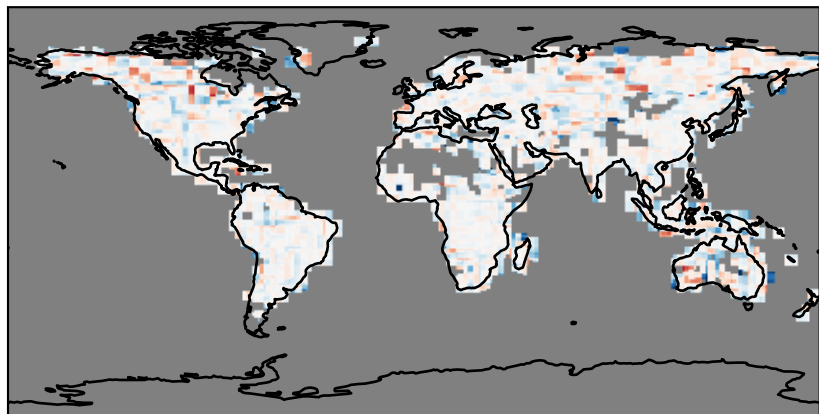
Difference (1x1.25)
Dev - Ref, Dynamic Range



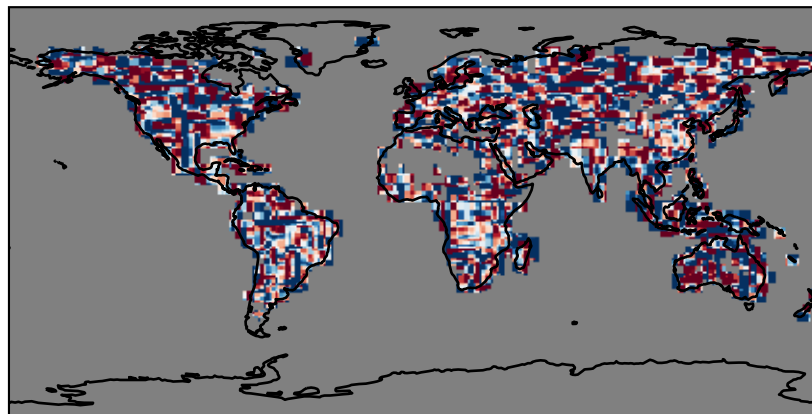
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

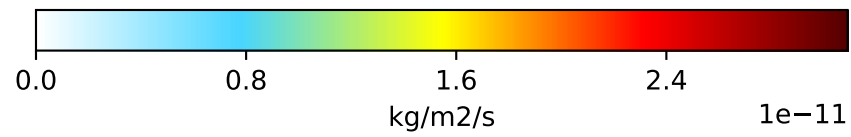
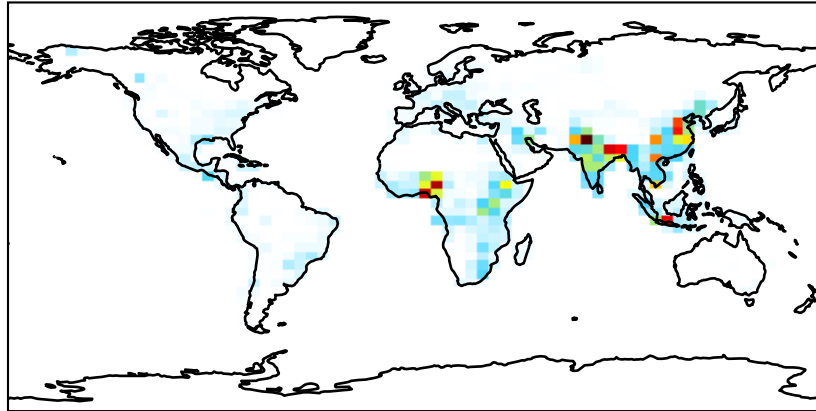


Ratio (1x1.25)
Dev/Ref, Fixed Range

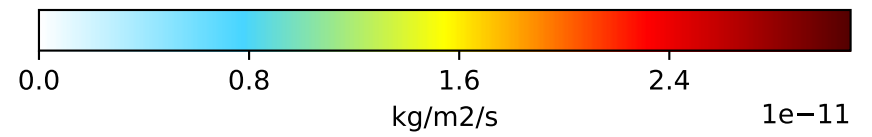
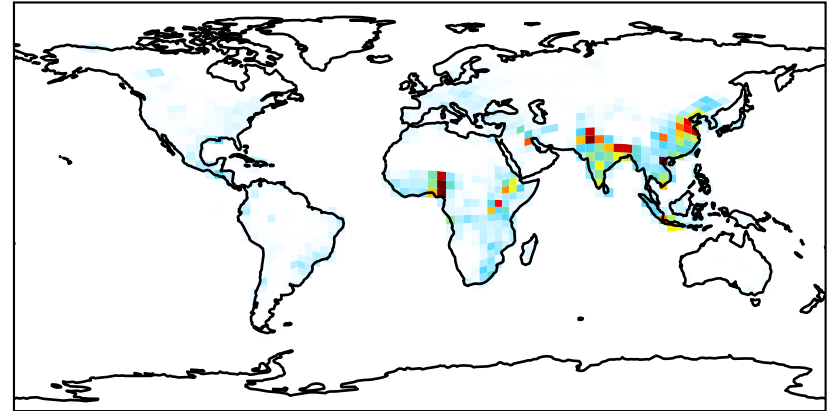


EmisHCOOH_Total

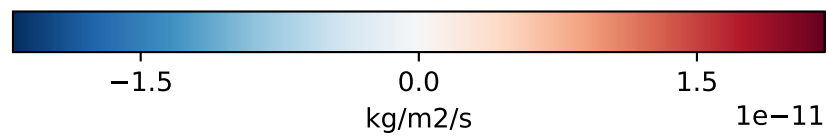
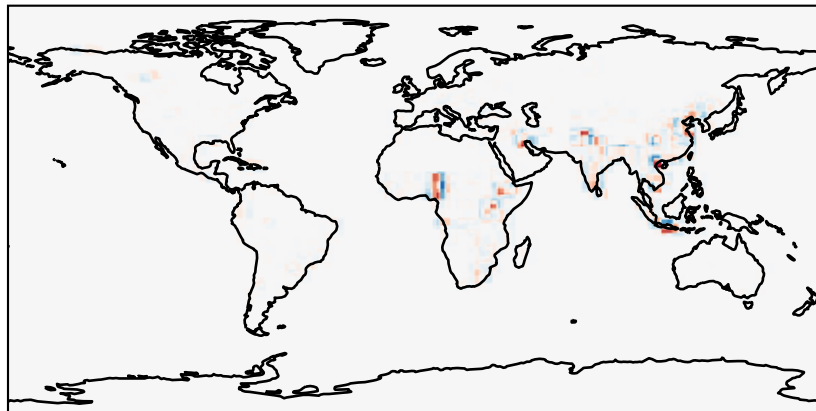
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



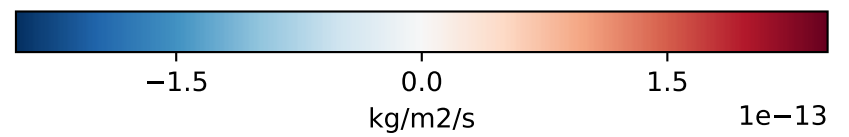
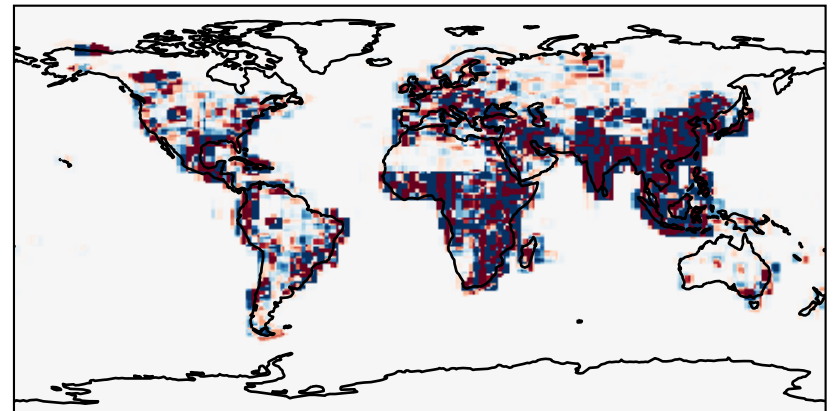
GCHP_14.2.0_GEOS-IT (Dev)
c24



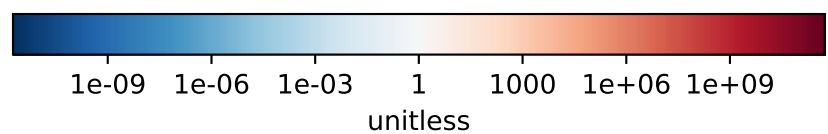
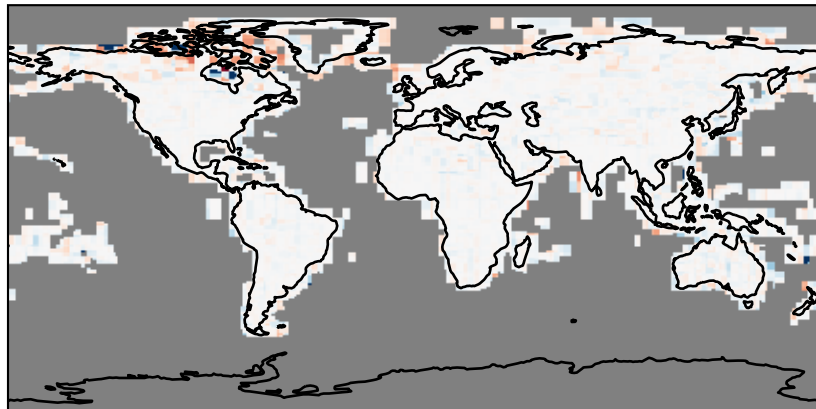
Difference (1x1.25)
Dev - Ref, Dynamic Range



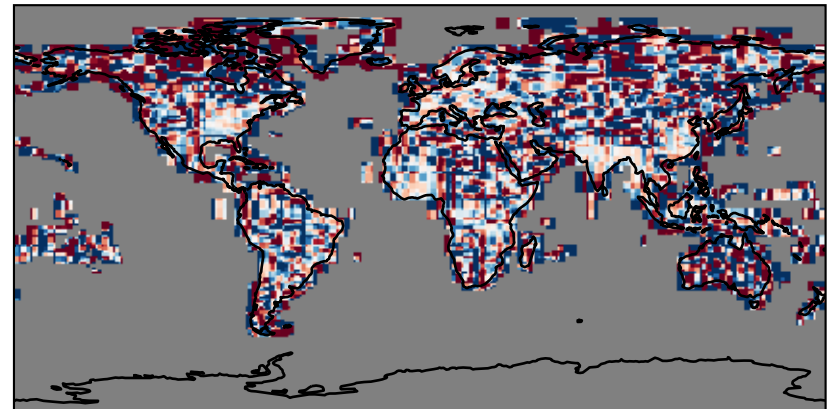
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

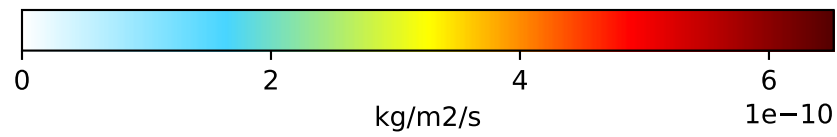
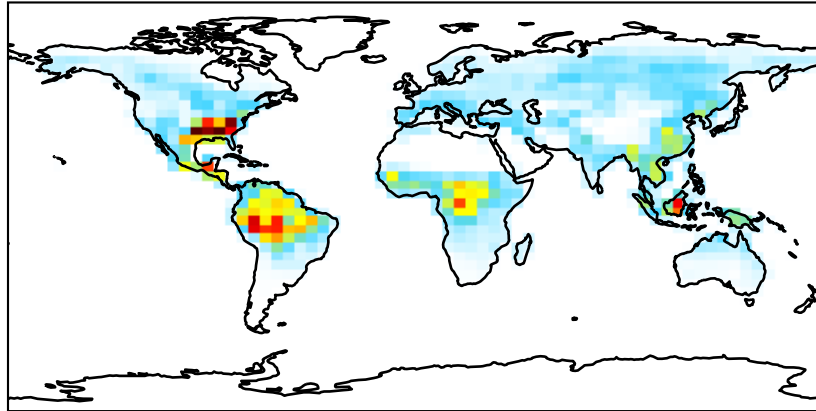


Ratio (1x1.25)
Dev/Ref, Fixed Range

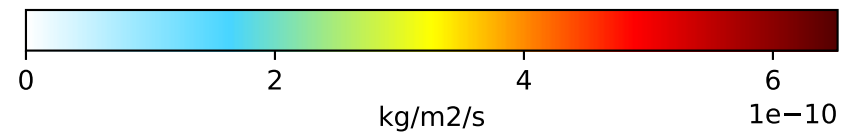
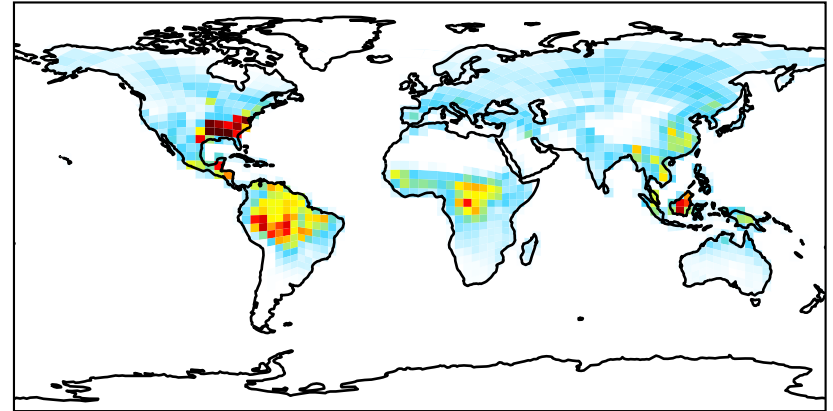


EmisSOP_Total

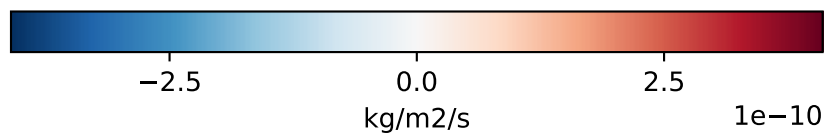
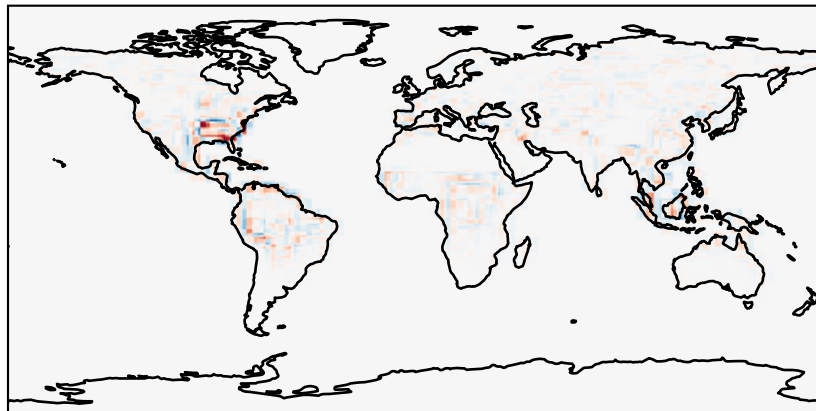
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



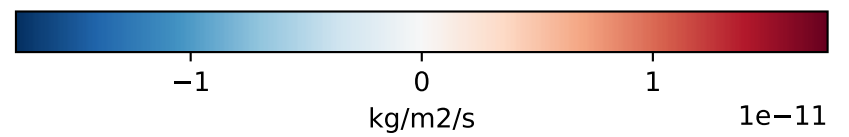
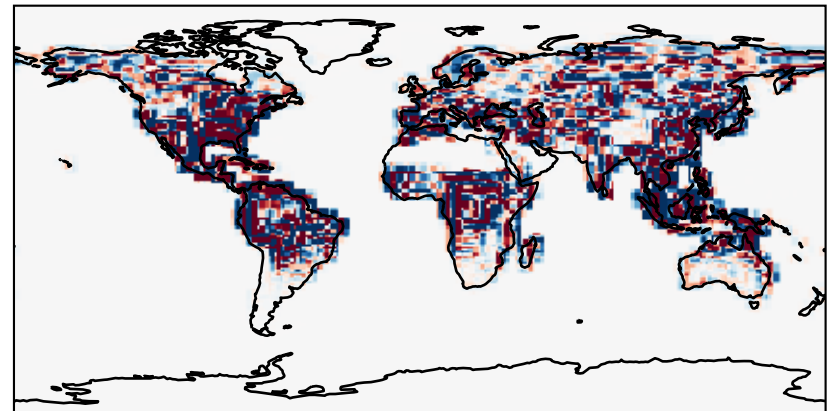
GCHP_14.2.0_GEOS-IT (Dev)
c24



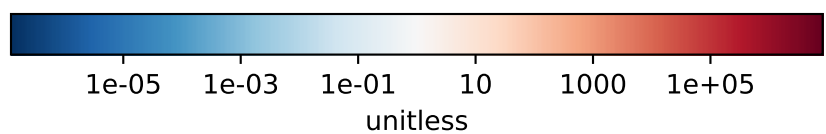
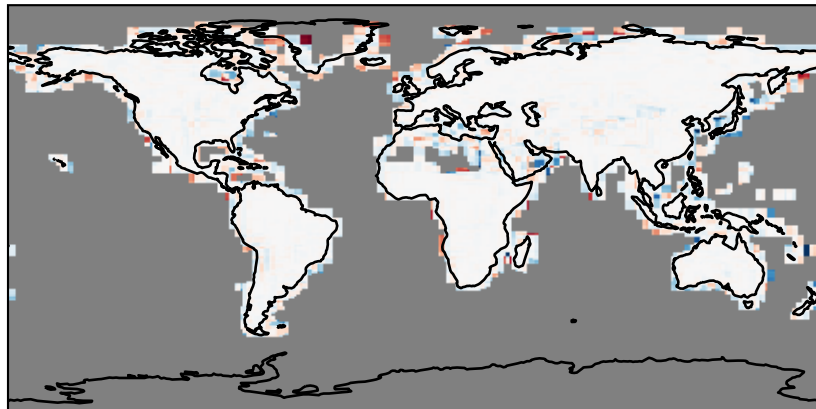
Difference (1x1.25)
Dev - Ref, Dynamic Range



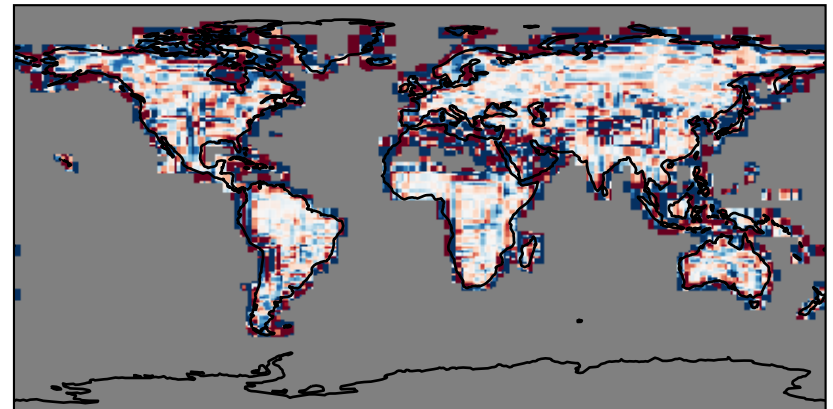
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

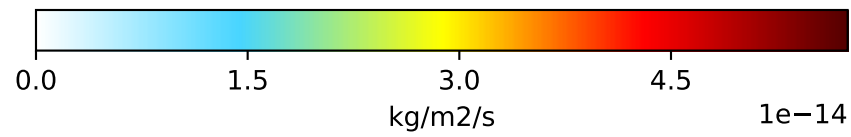
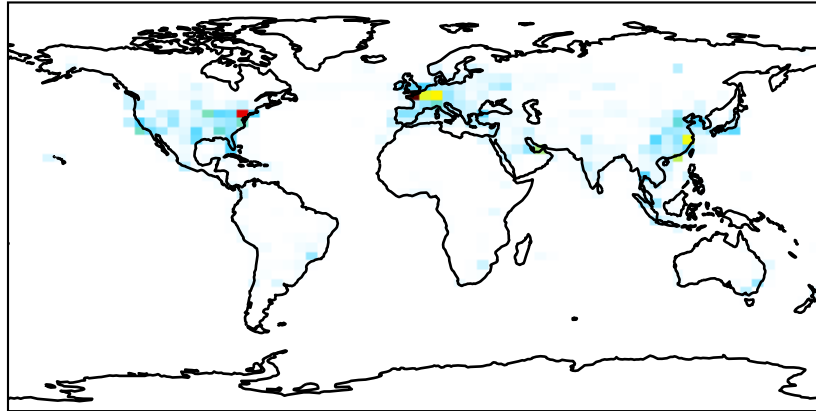


Ratio (1x1.25)
Dev/Ref, Fixed Range

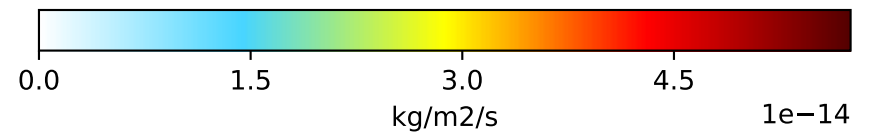
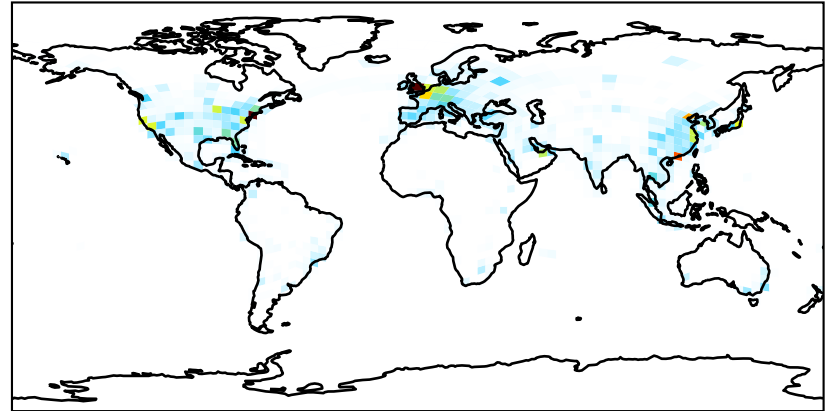


EmisMACR_Total

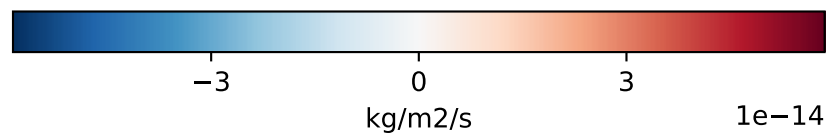
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



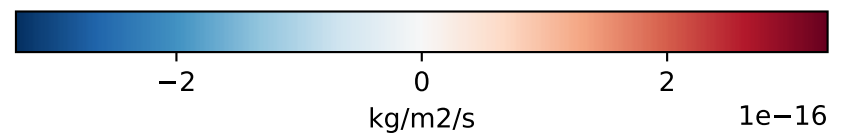
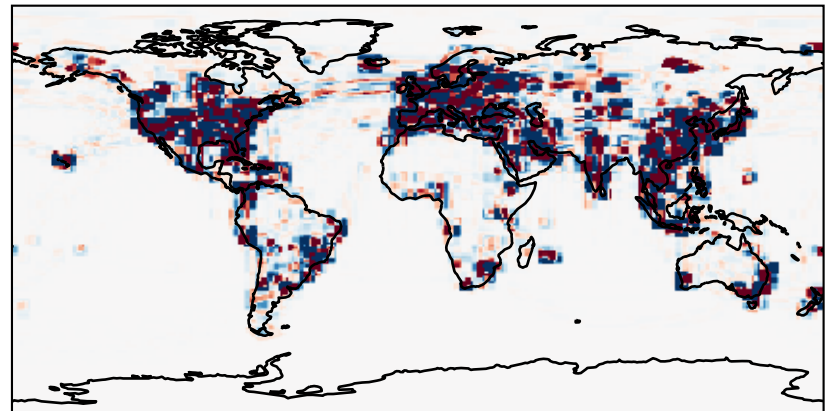
GCHP_14.2.0_GEOS-IT (Dev)
c24



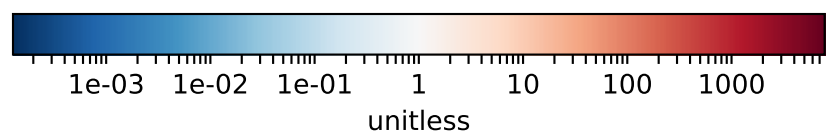
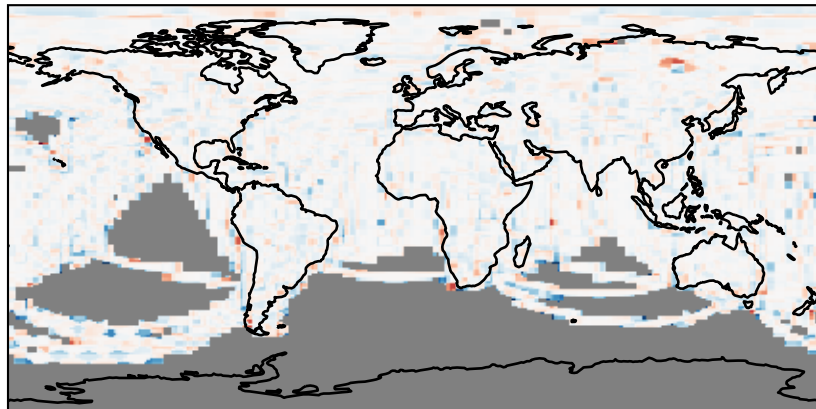
Difference (1x1.25)
Dev - Ref, Dynamic Range



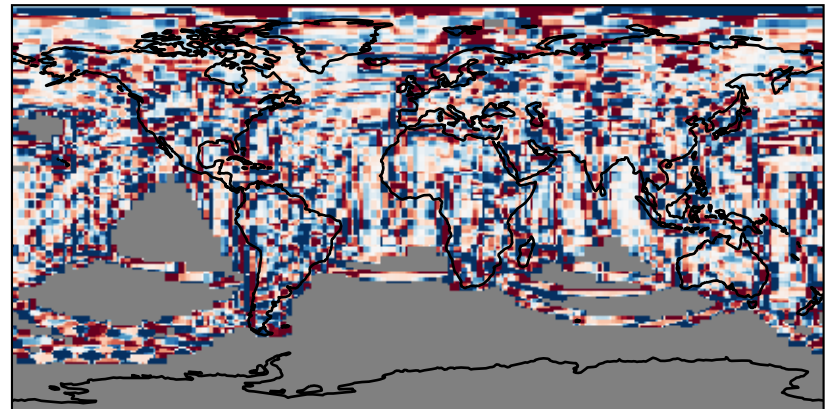
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

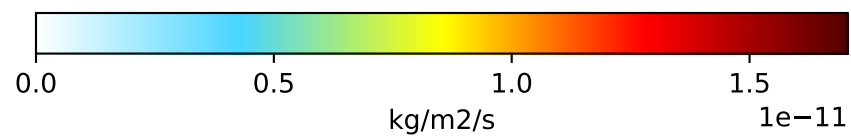
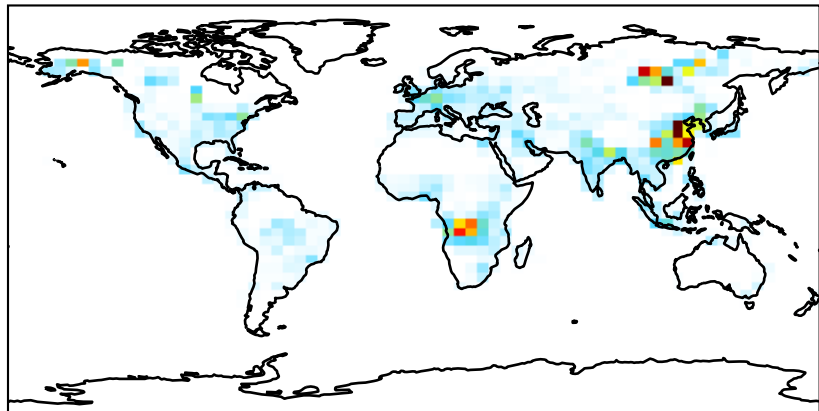


Ratio (1x1.25)
Dev/Ref, Fixed Range

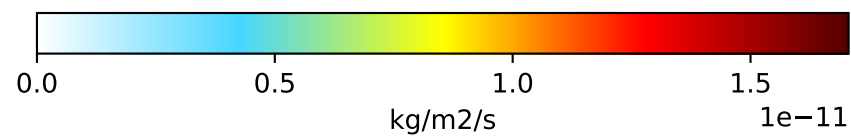
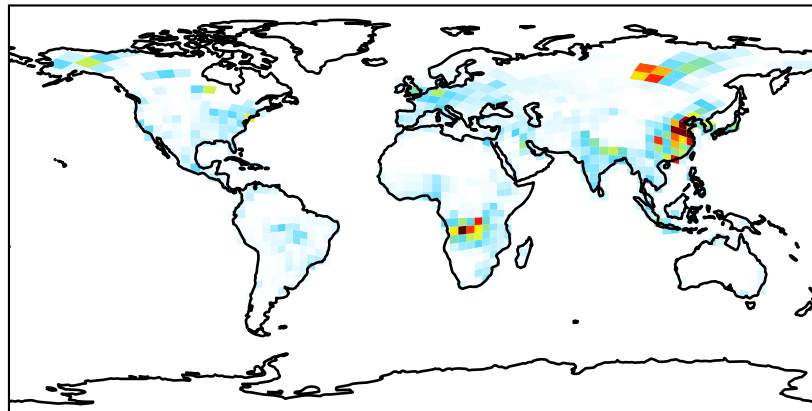


EmisMEK_Total

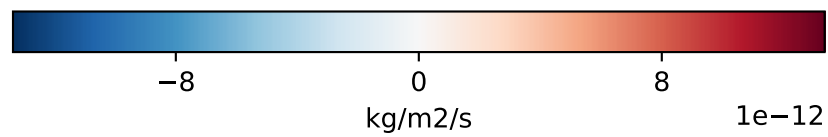
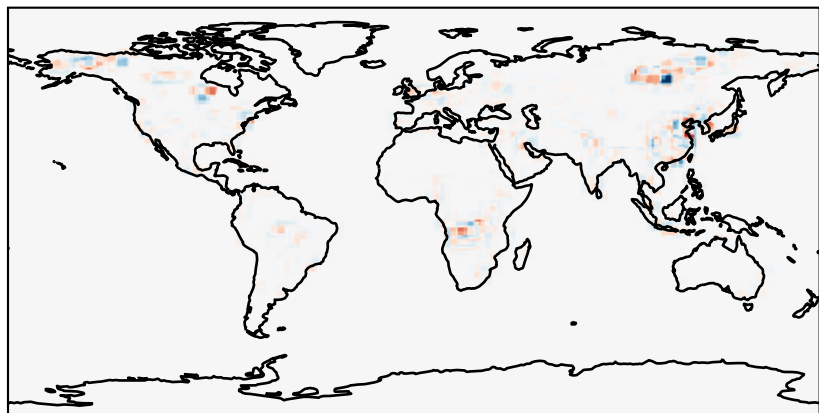
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



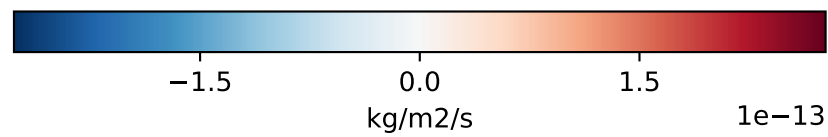
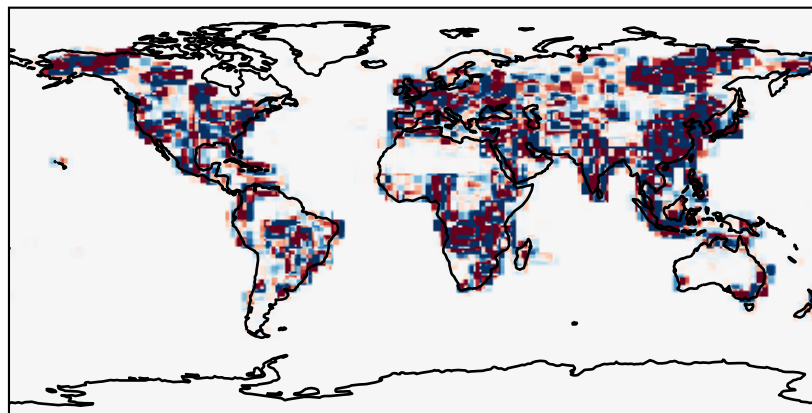
GCHP_14.2.0_GEOS-IT (Dev)
c24



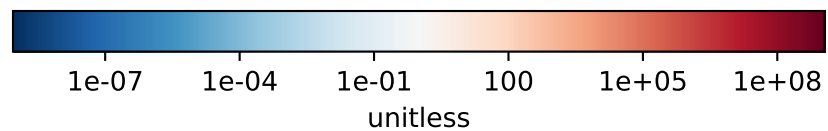
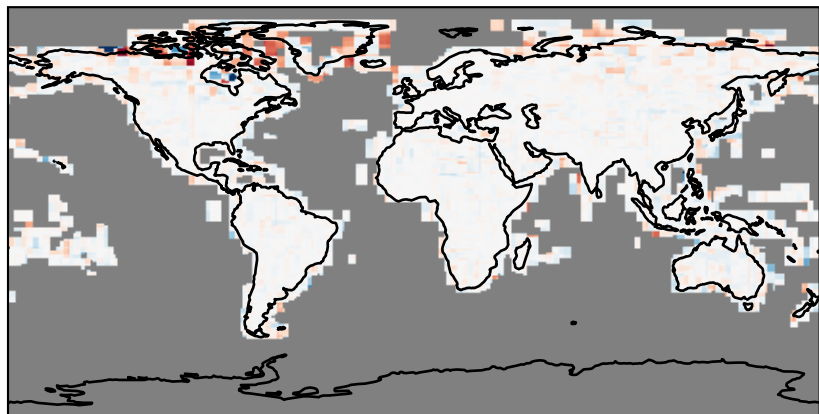
Difference (1x1.25)
Dev - Ref, Dynamic Range



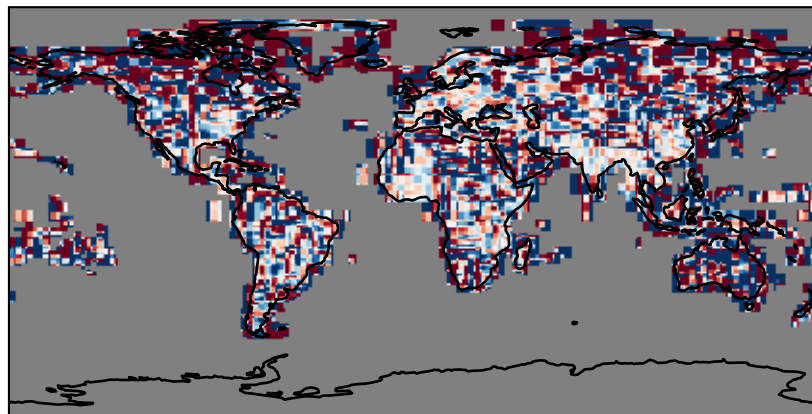
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

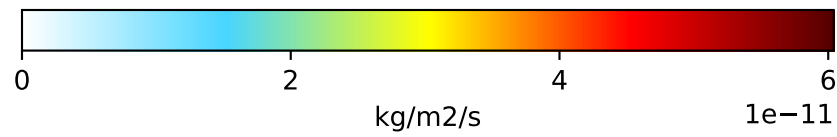
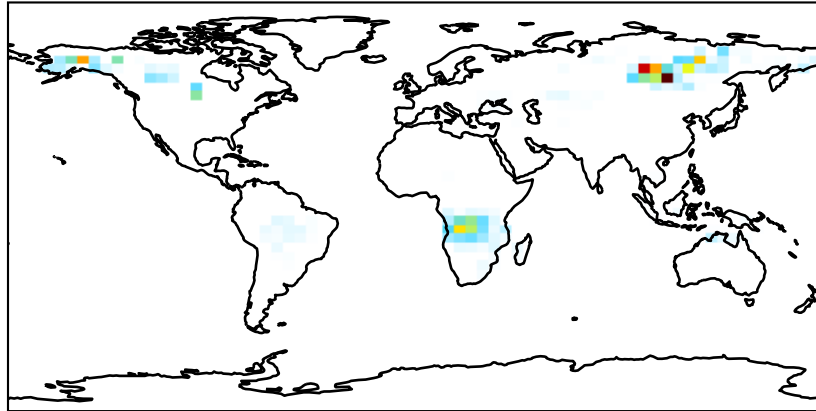


Ratio (1x1.25)
Dev/Ref, Fixed Range

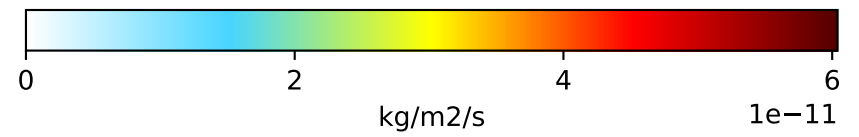
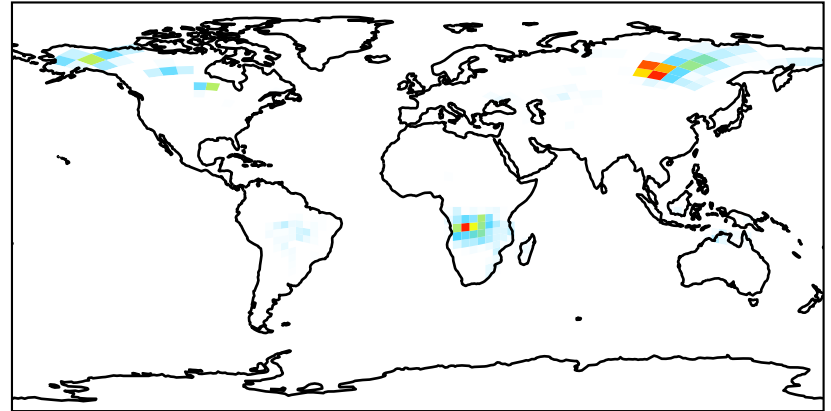


EmisMGLY_Total

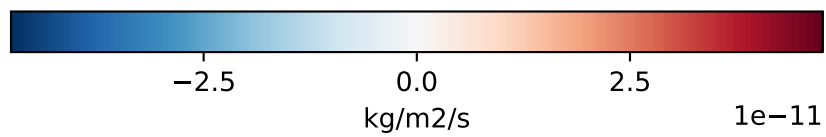
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



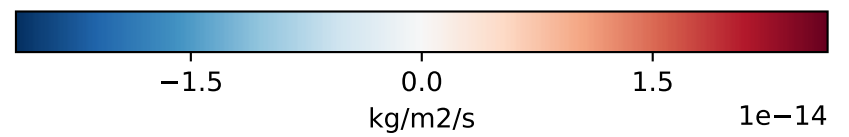
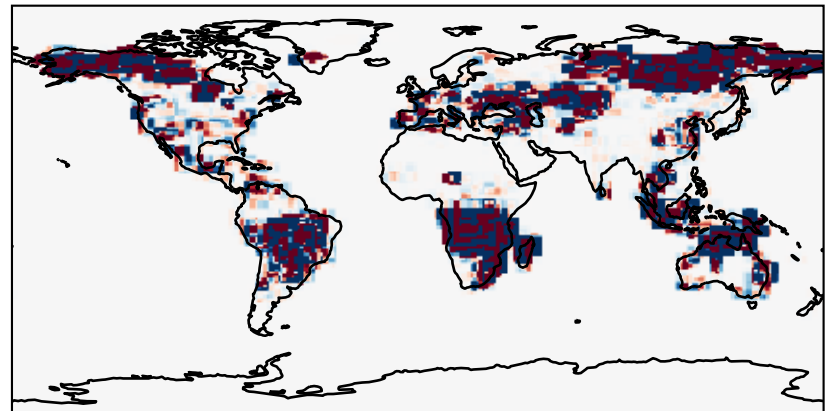
GCHP_14.2.0_GEOS-IT (Dev)
c24



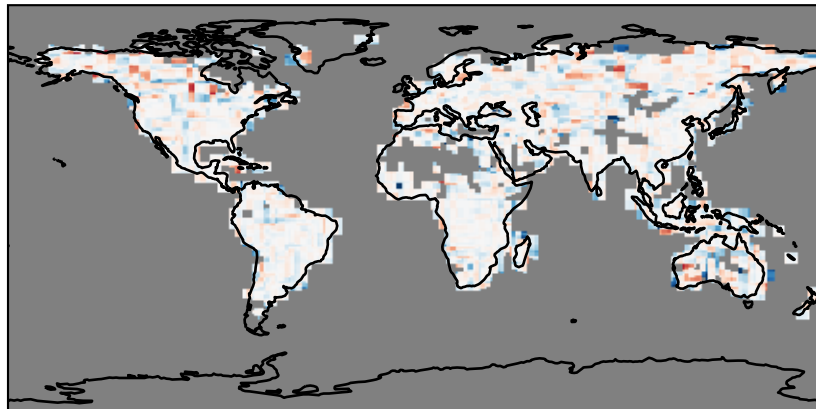
Difference (1x1.25)
Dev - Ref, Dynamic Range



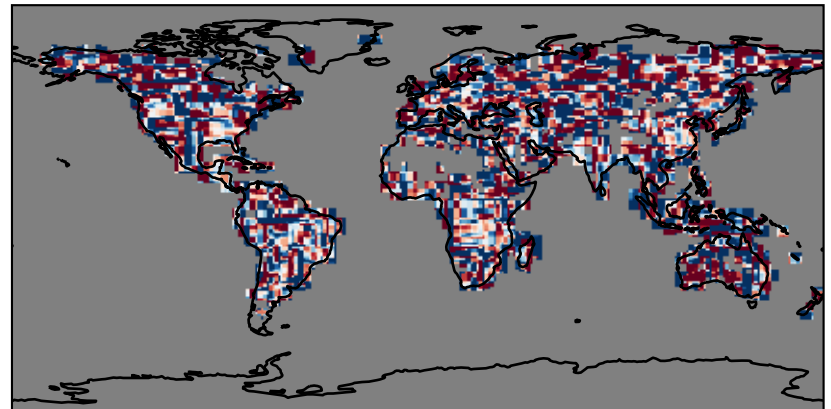
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

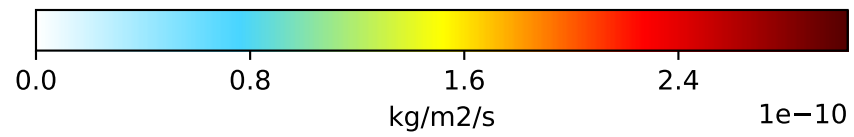
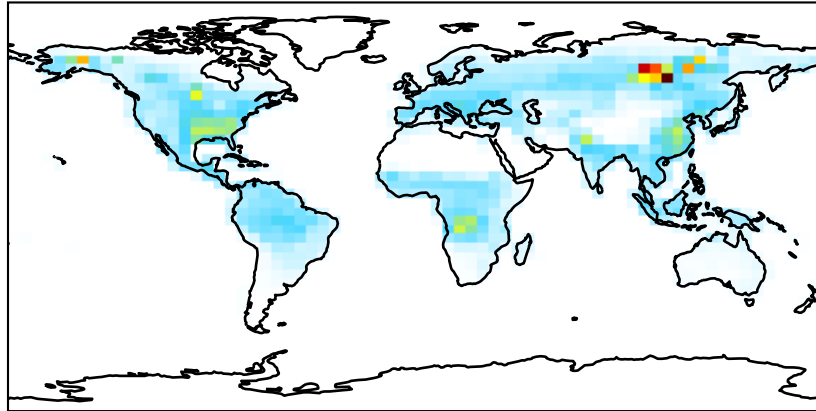


Ratio (1x1.25)
Dev/Ref, Fixed Range

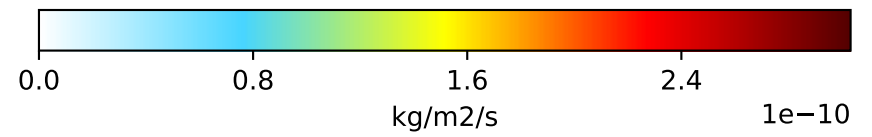
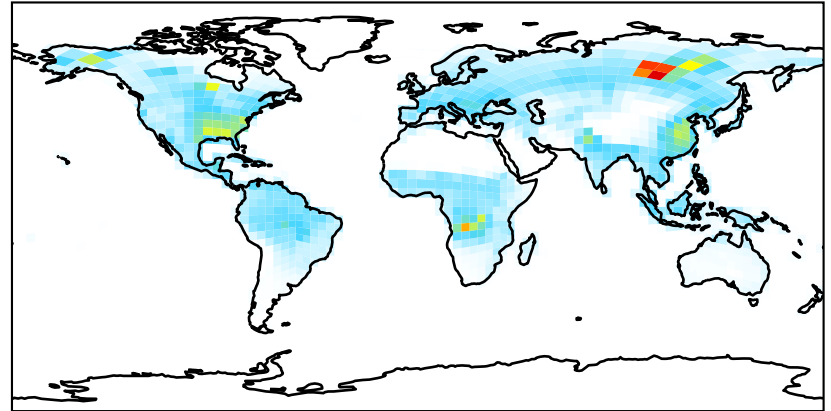


EmisMOH_Total

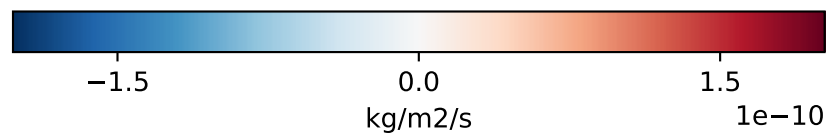
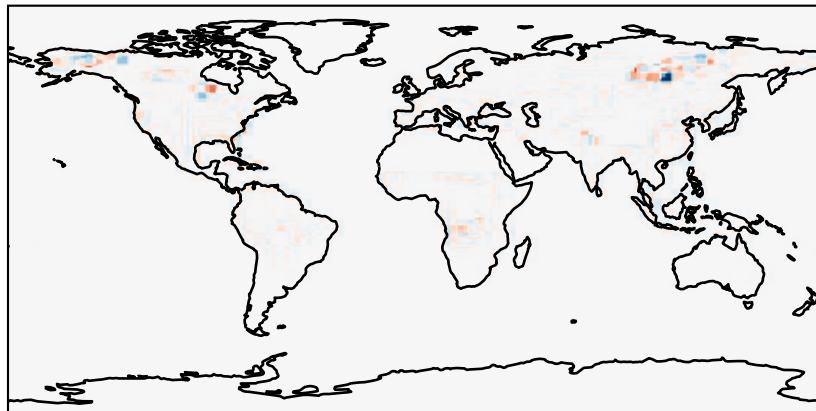
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



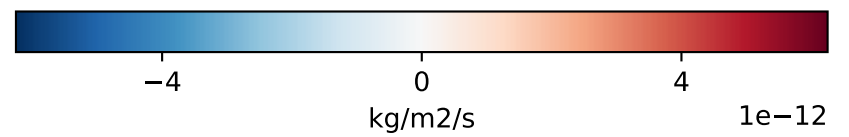
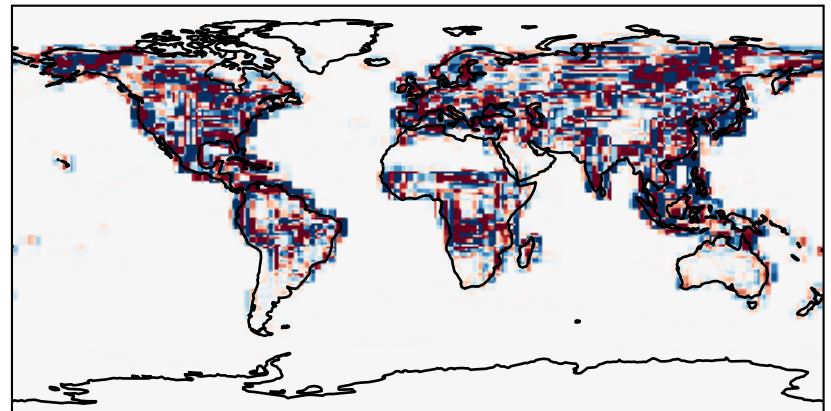
GCHP_14.2.0_GEOS-IT (Dev)
c24



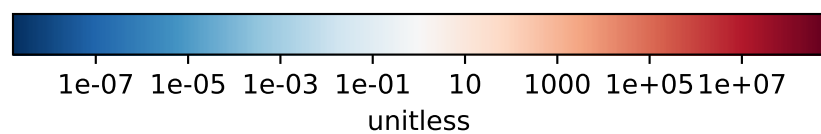
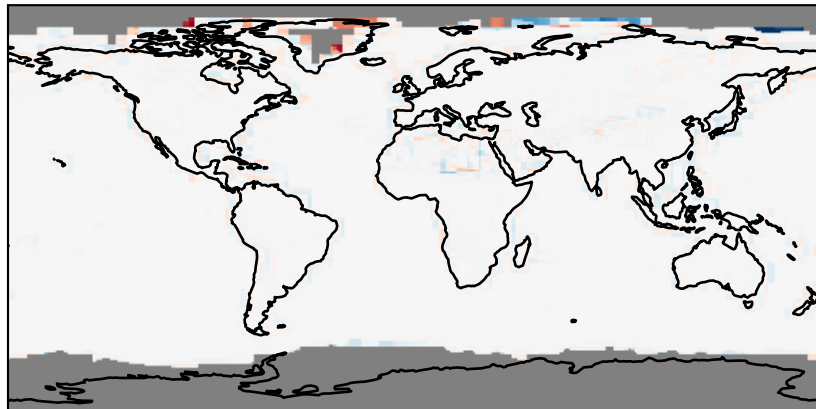
Difference (1x1.25)
Dev - Ref, Dynamic Range



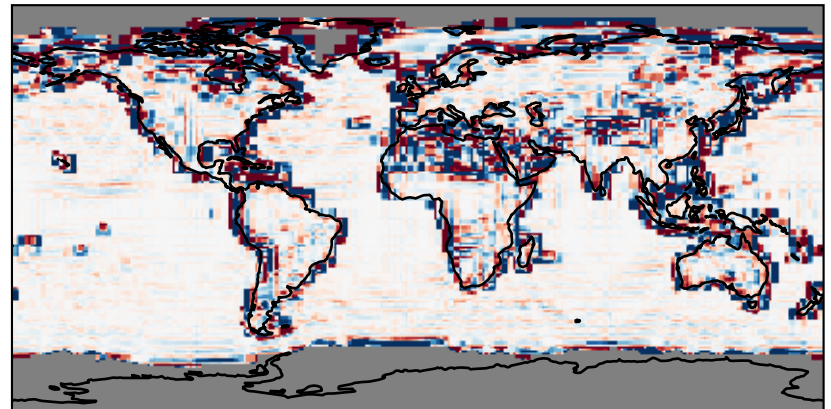
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

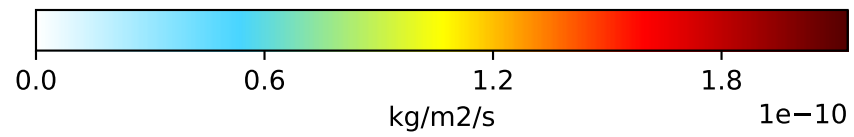
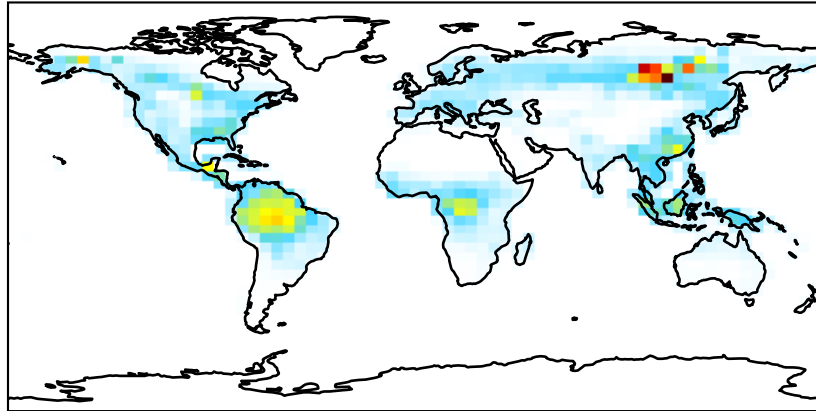


Ratio (1x1.25)
Dev/Ref, Fixed Range

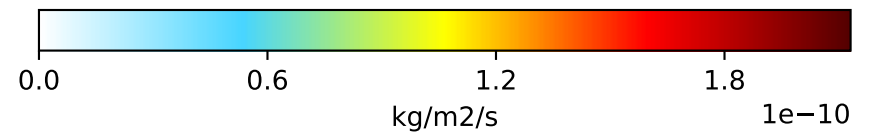
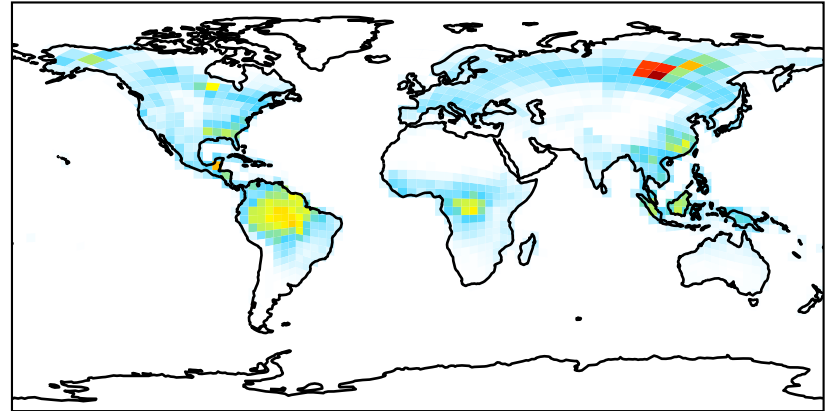


EmisMTPA_Total

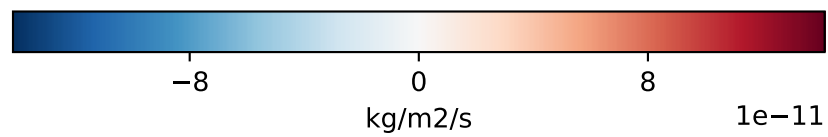
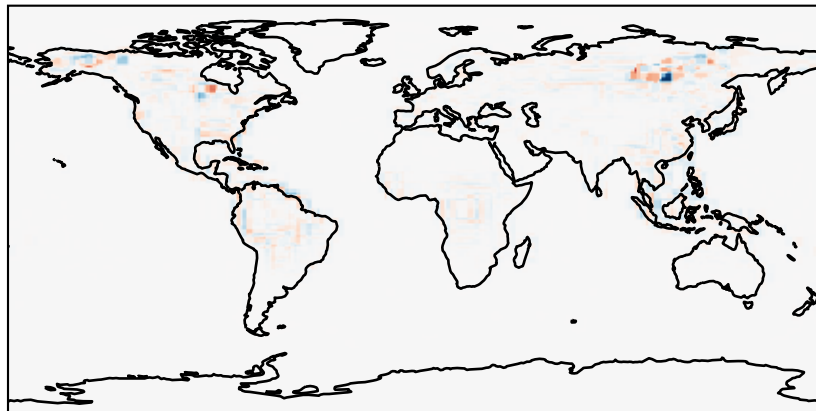
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



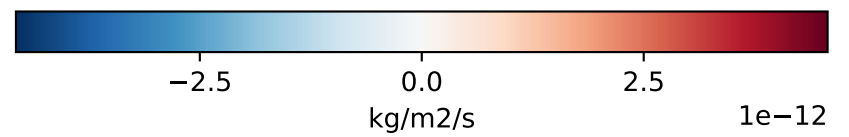
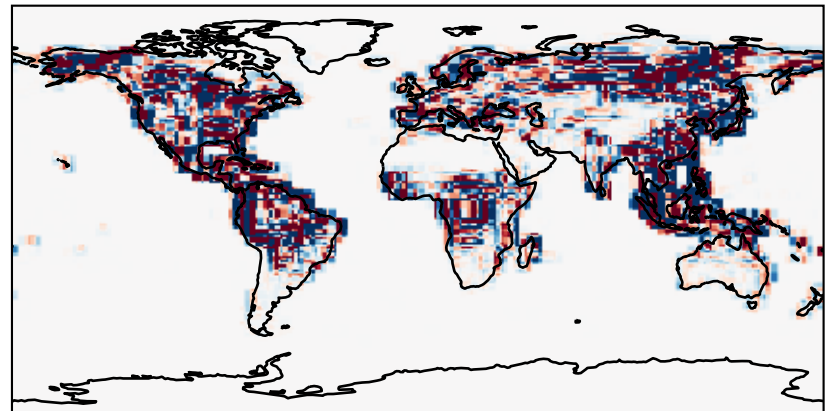
GCHP_14.2.0_GEOS-IT (Dev)
c24



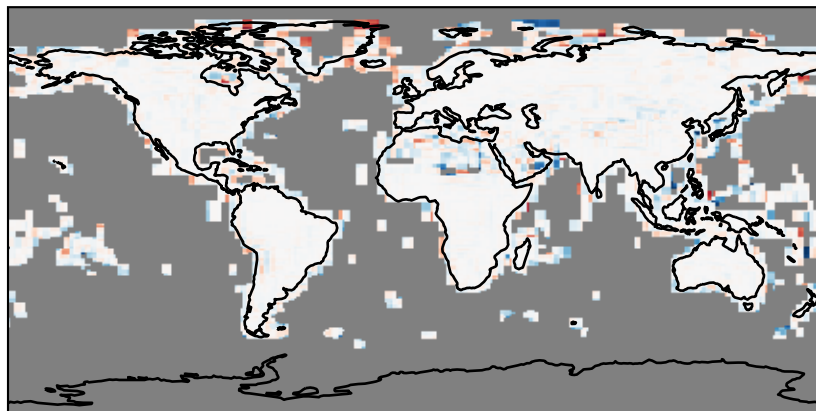
Difference (1x1.25)
Dev - Ref, Dynamic Range



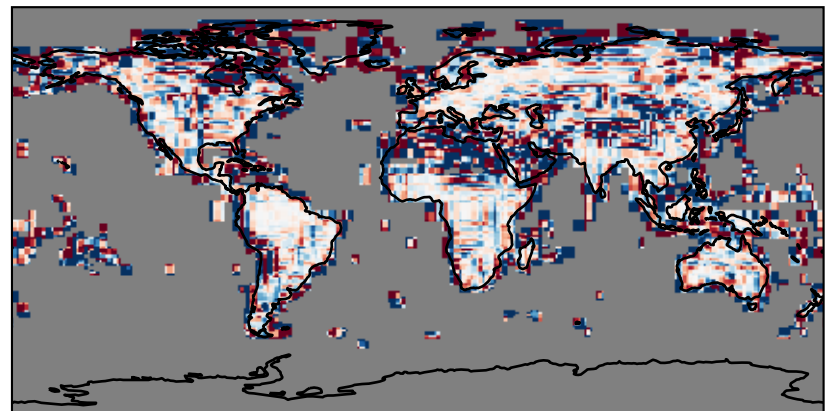
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

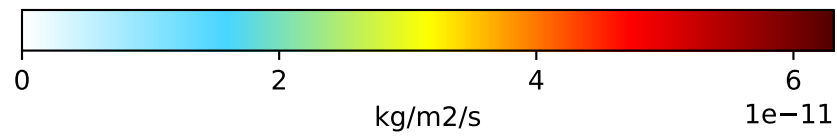
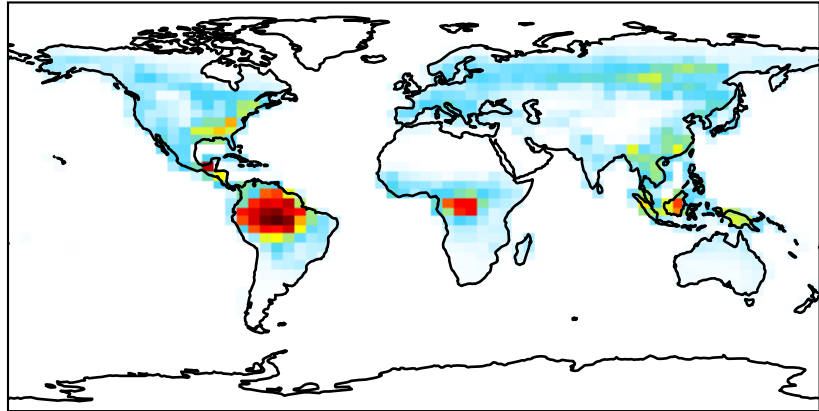


Ratio (1x1.25)
Dev/Ref, Fixed Range

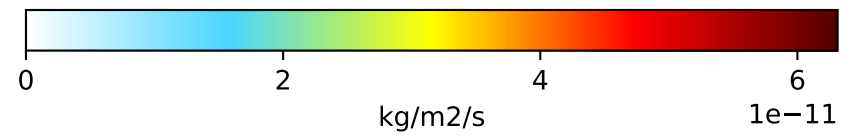
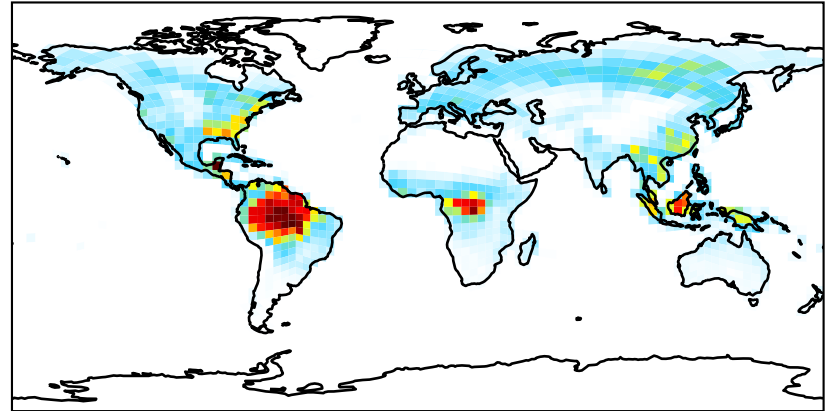


EmisMTPO_Total

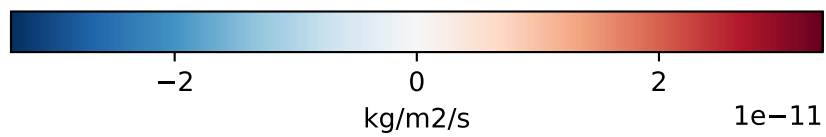
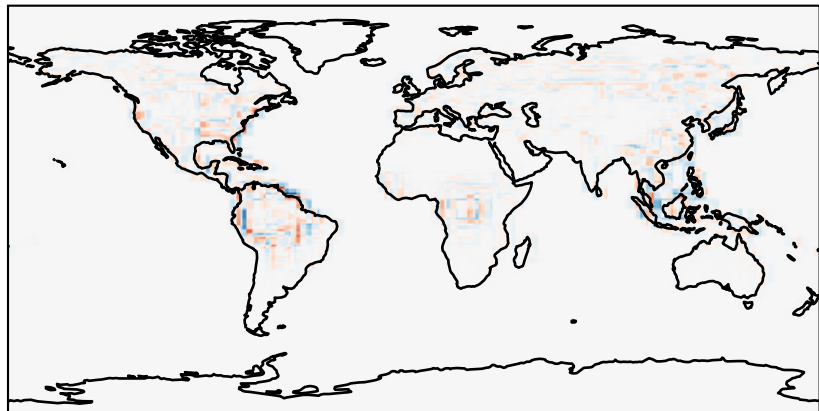
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



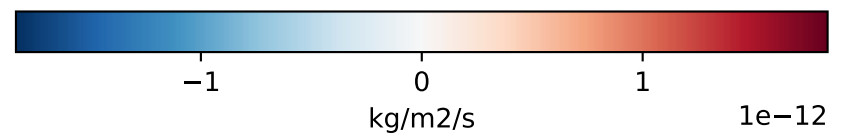
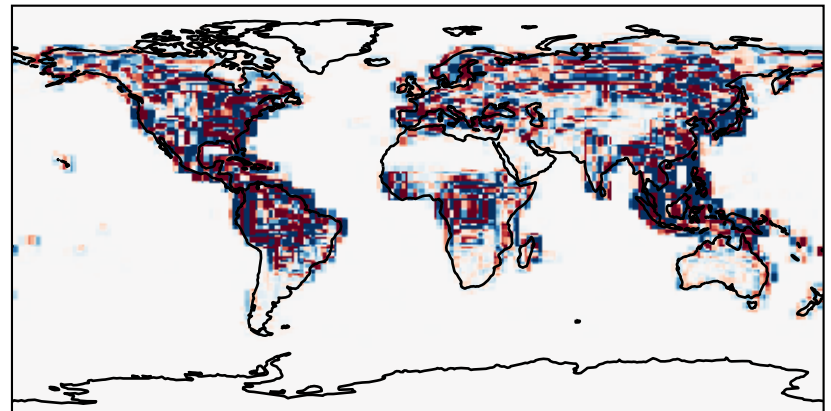
GCHP_14.2.0_GEOS-IT (Dev)
c24



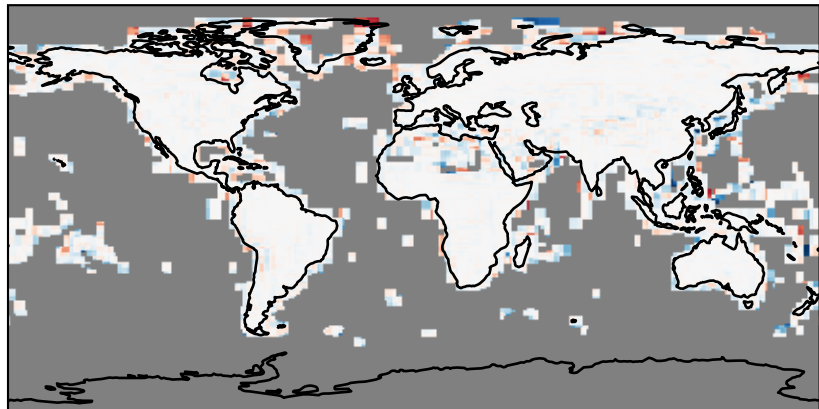
Difference (1x1.25)
Dev - Ref, Dynamic Range



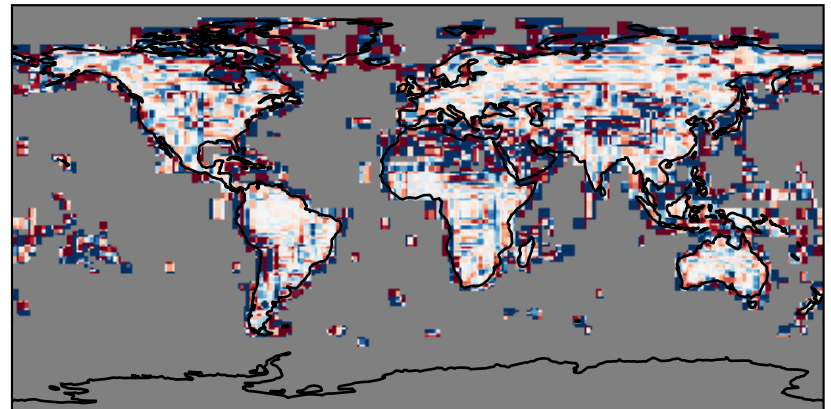
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

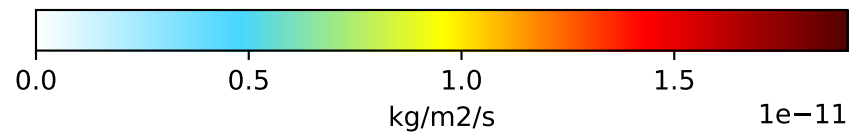
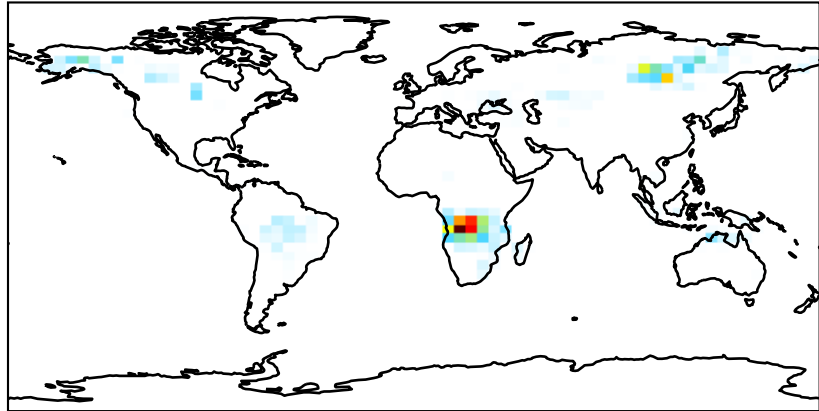


Ratio (1x1.25)
Dev/Ref, Fixed Range

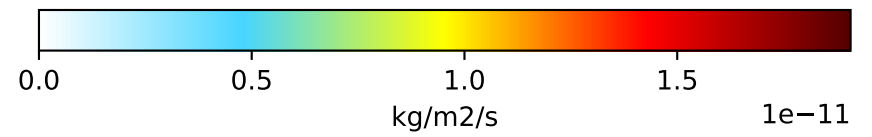
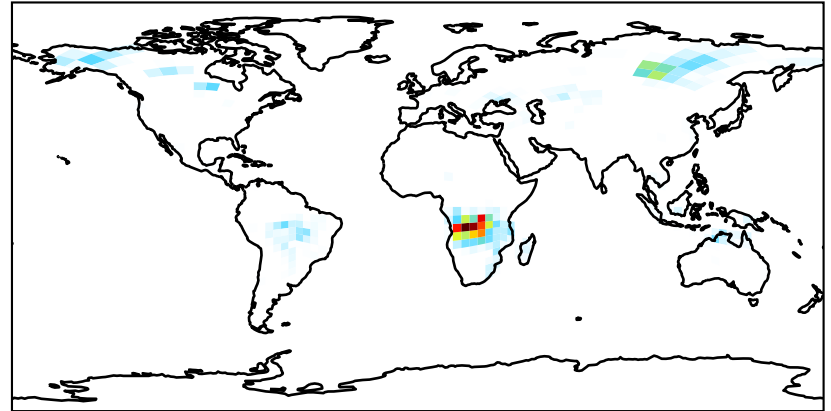


EmisMVK_Total

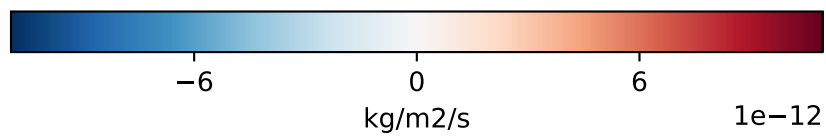
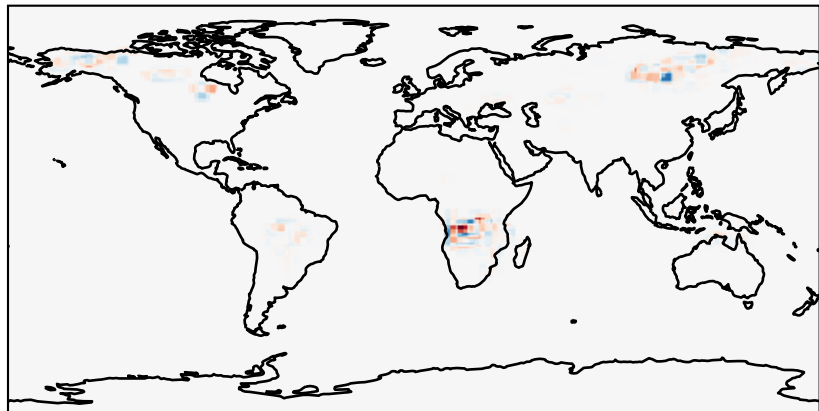
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



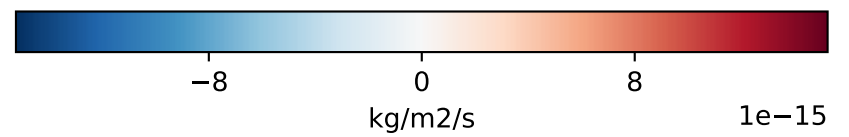
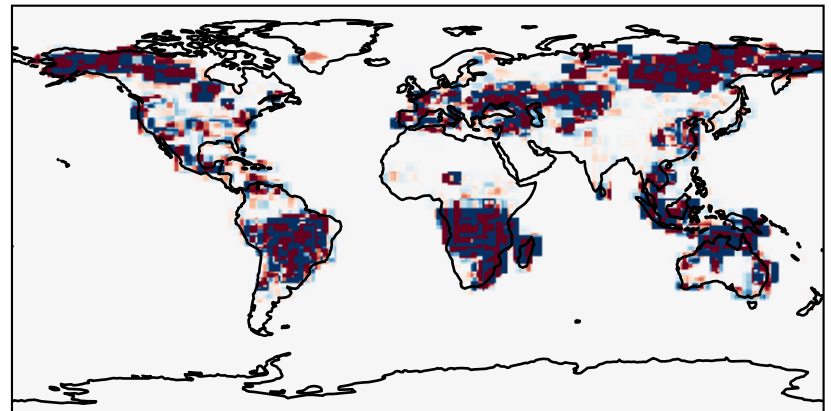
GCHP_14.2.0_GEOS-IT (Dev)
c24



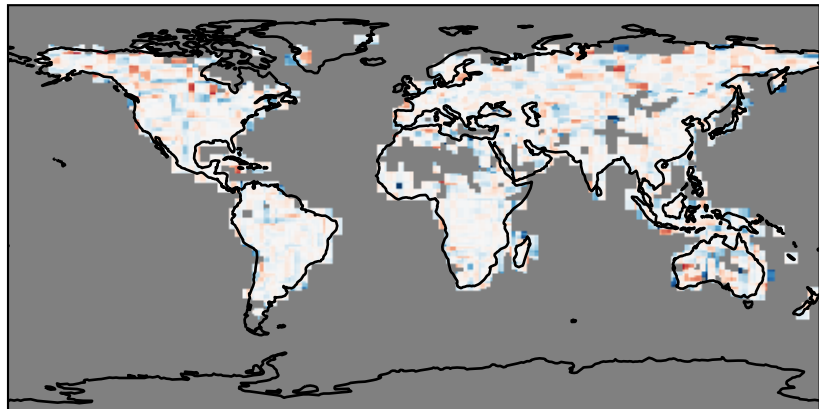
Difference (1x1.25)
Dev - Ref, Dynamic Range



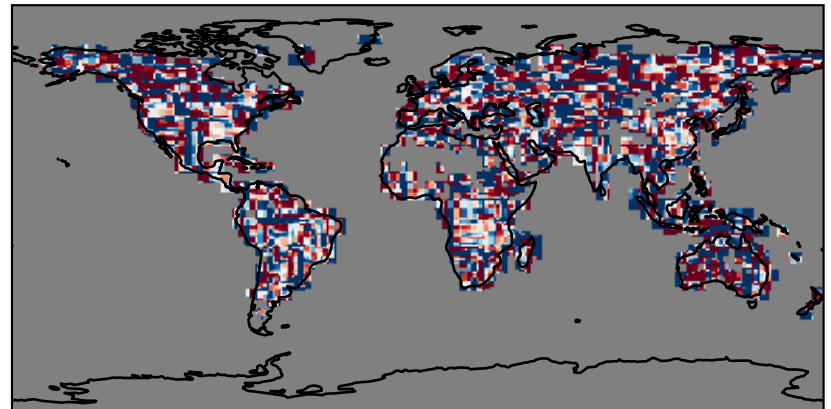
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



EmisNAP_Total

GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



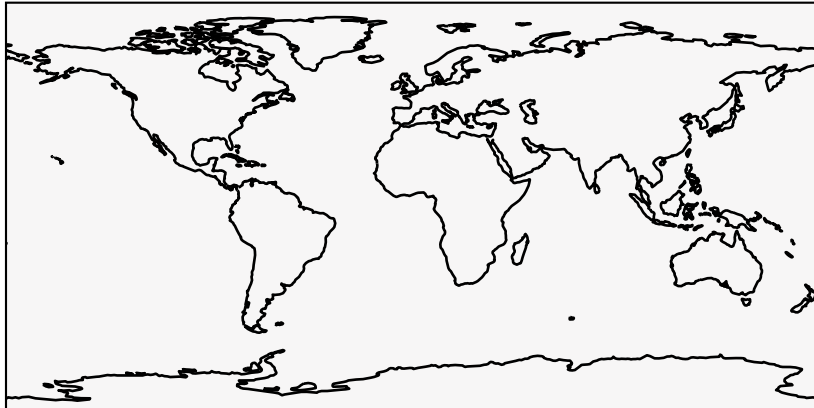
Zero throughout domain
kg/m2/s

GCHP_14.2.0_GEOS-IT (Dev)
c24



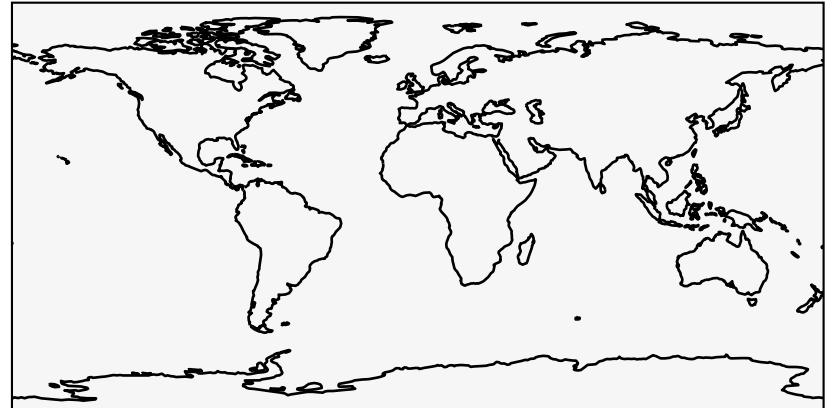
Zero throughout domain
kg/m2/s

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



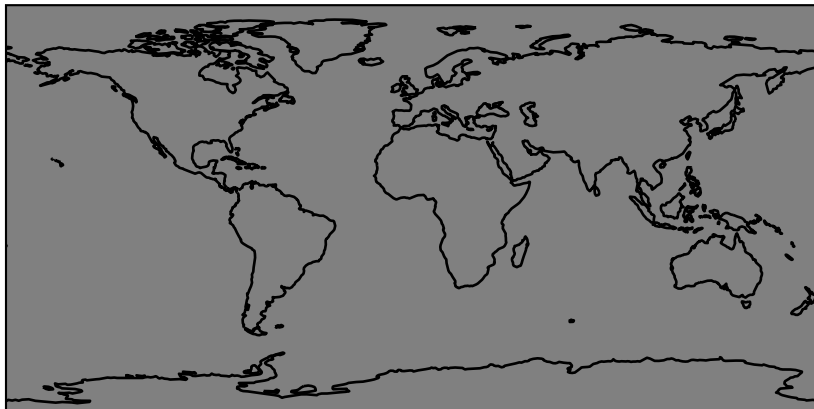
Zero throughout domain
kg/m2/s

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



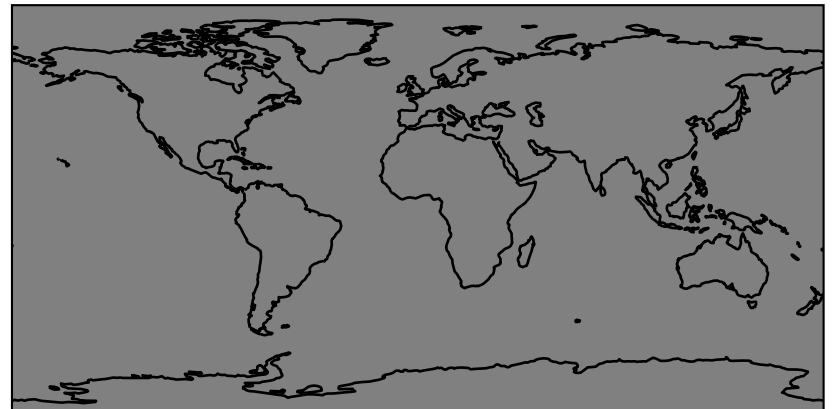
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

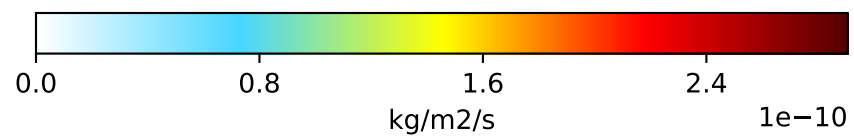
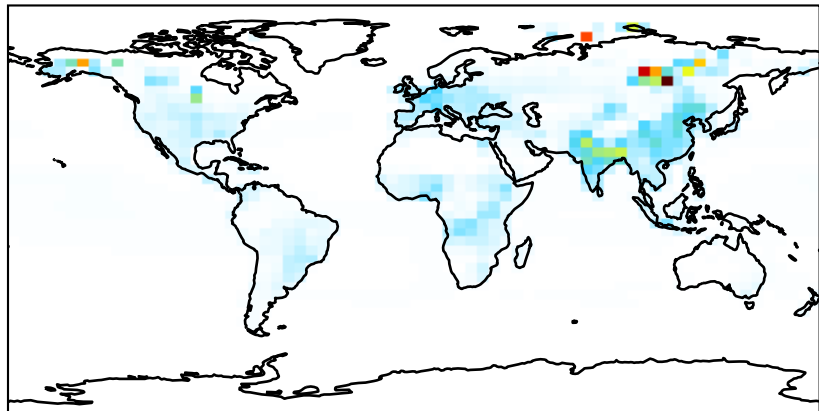
Ratio (1x1.25)
Dev/Ref, Fixed Range



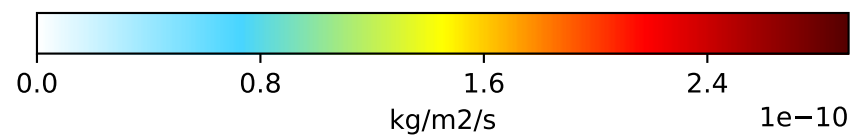
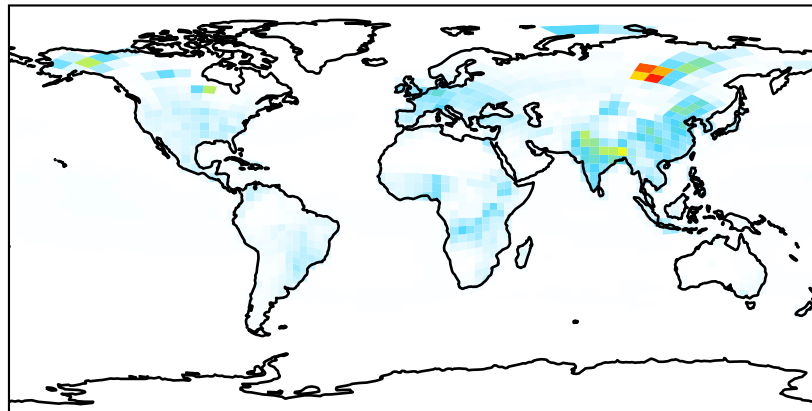
Undefined throughout domain
unitless

EmisNH3_Total

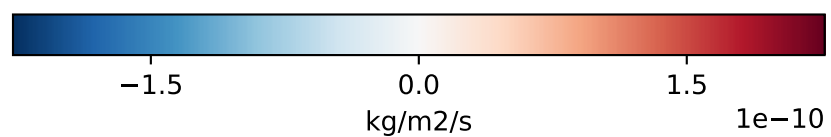
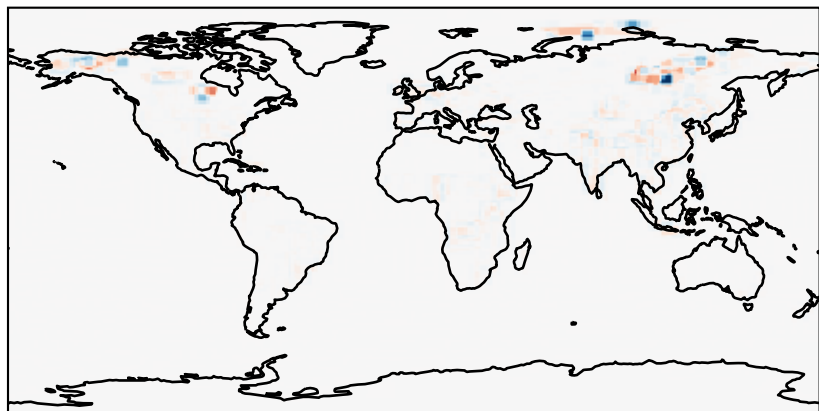
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



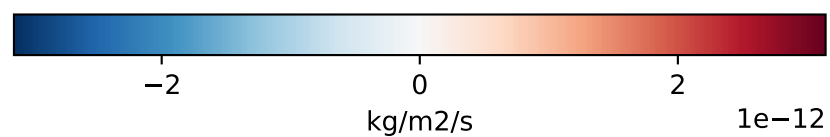
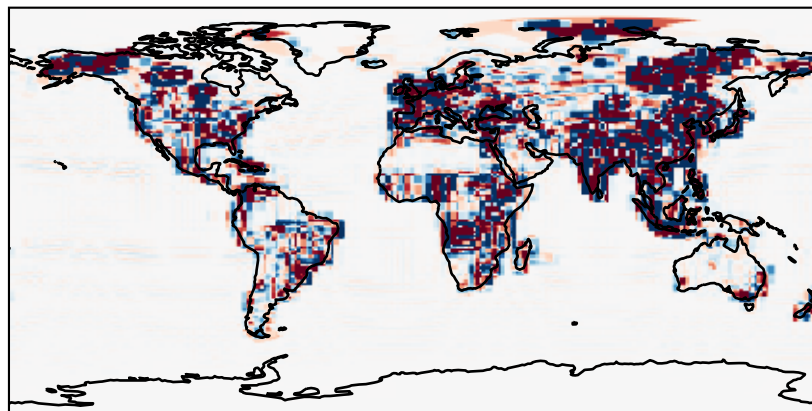
GCHP_14.2.0_GEOS-IT (Dev)
c24



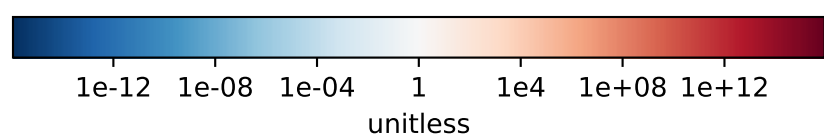
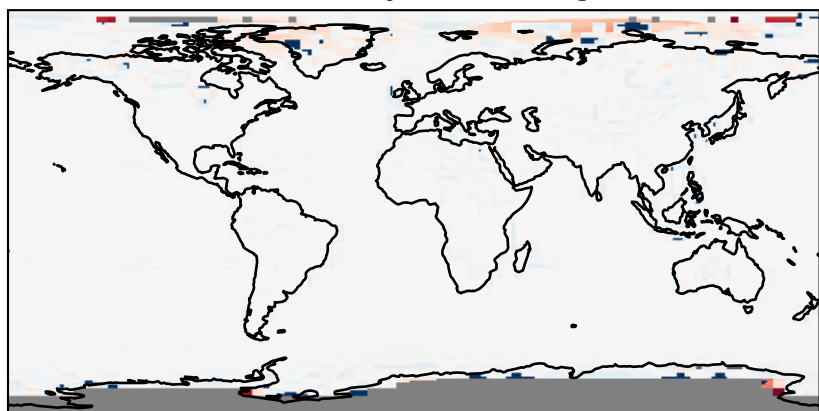
Difference (1x1.25)
Dev - Ref, Dynamic Range



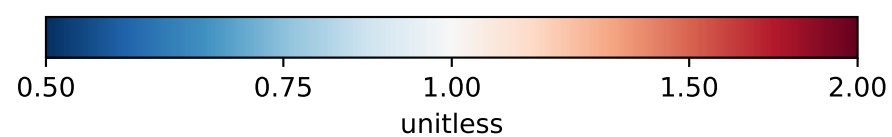
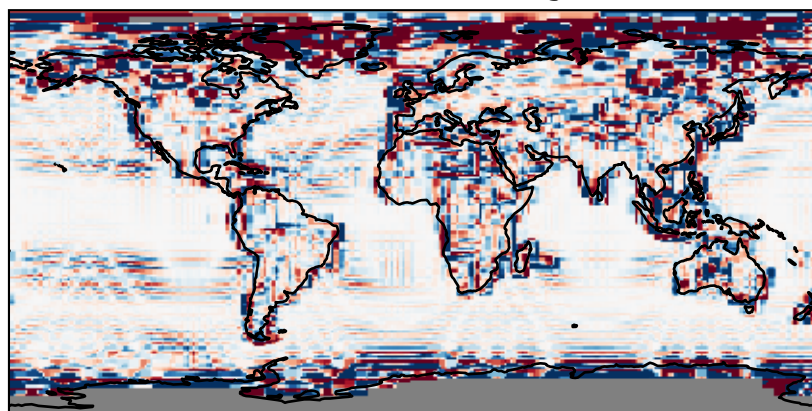
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

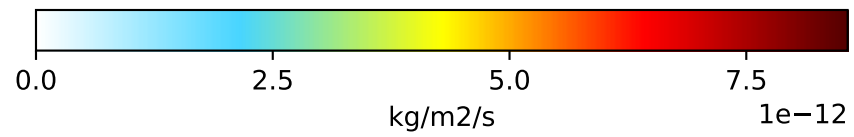
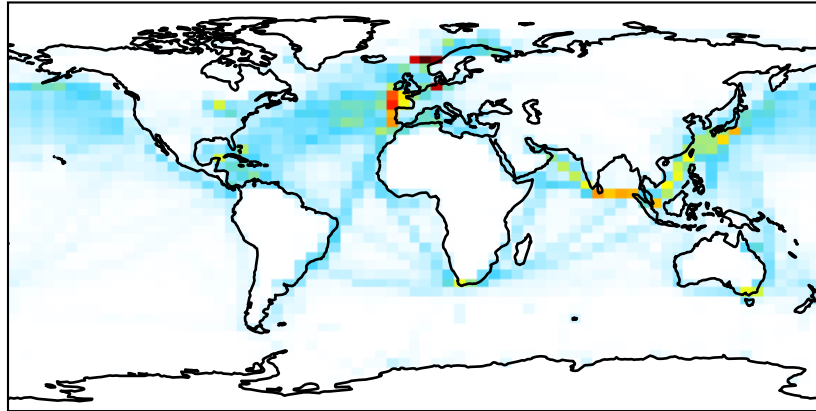


Ratio (1x1.25)
Dev/Ref, Fixed Range

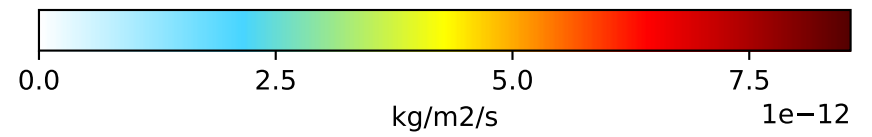
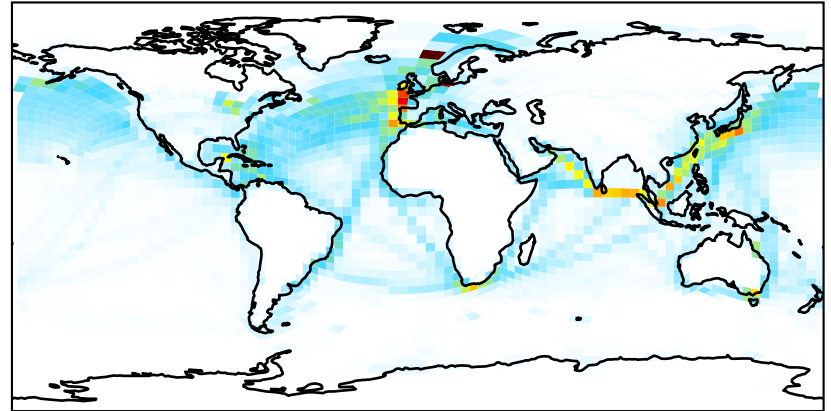


EmisNO2_Total

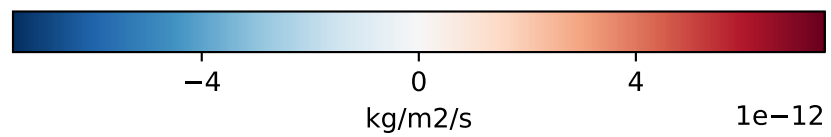
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



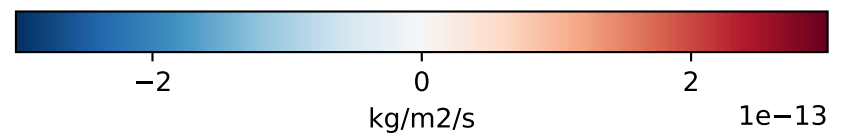
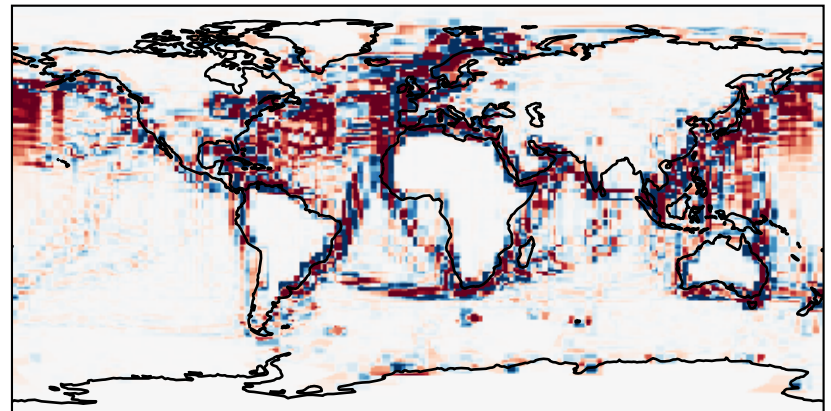
GCHP_14.2.0_GEOS-IT (Dev)
c24



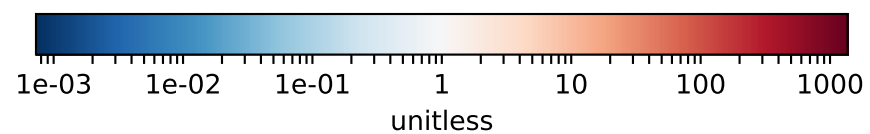
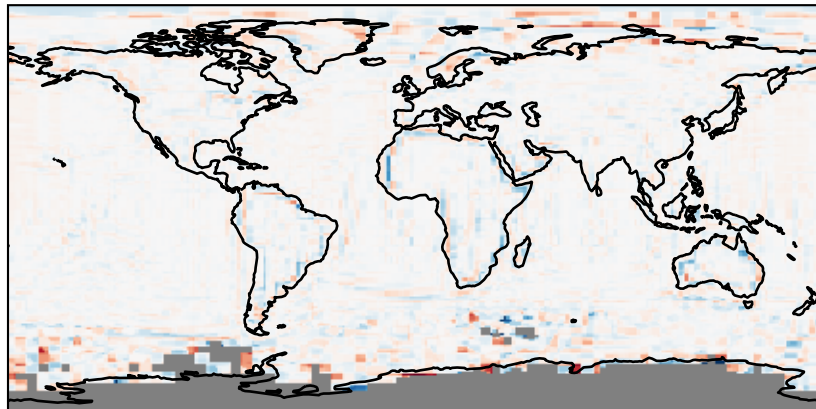
Difference (1x1.25)
Dev - Ref, Dynamic Range



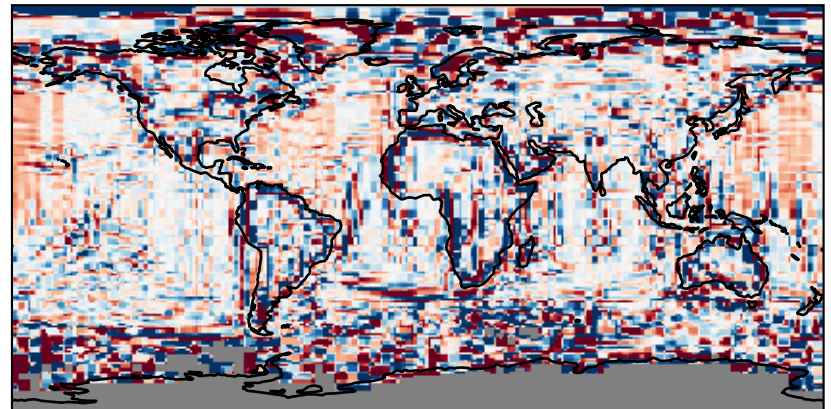
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

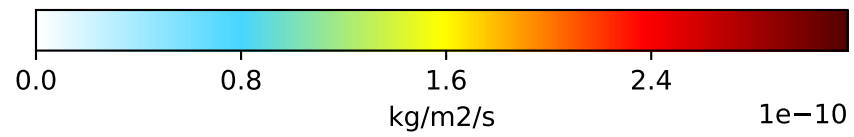
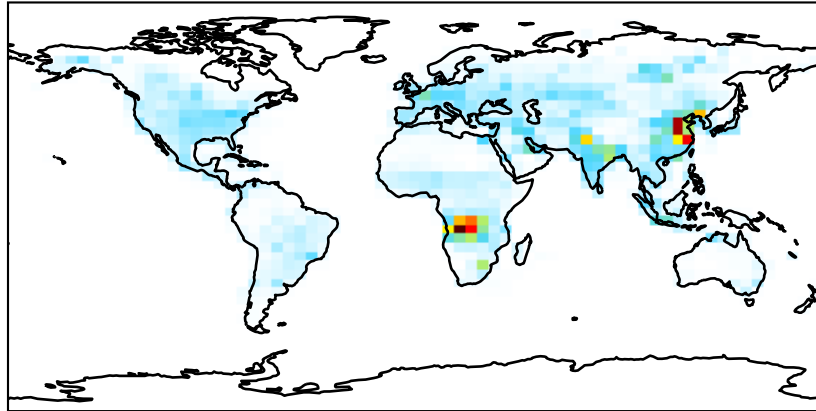


Ratio (1x1.25)
Dev/Ref, Fixed Range

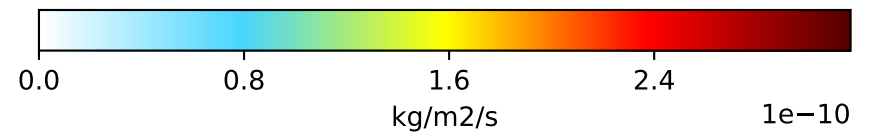
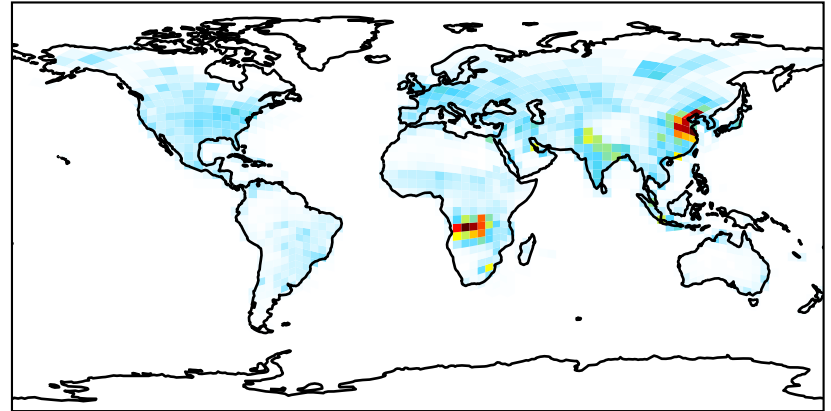


EmisNO_Total

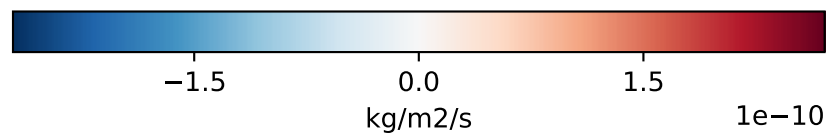
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



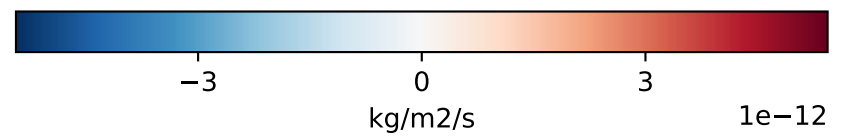
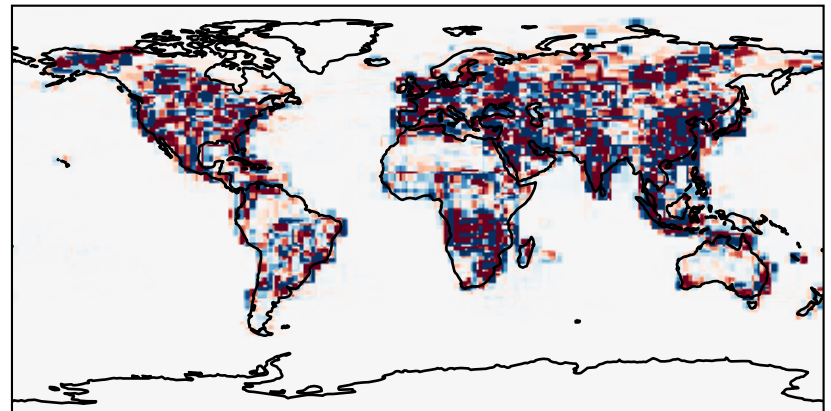
GCHP_14.2.0_GEOS-IT (Dev)
c24



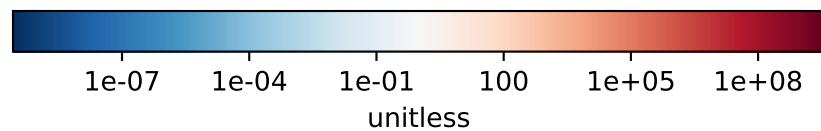
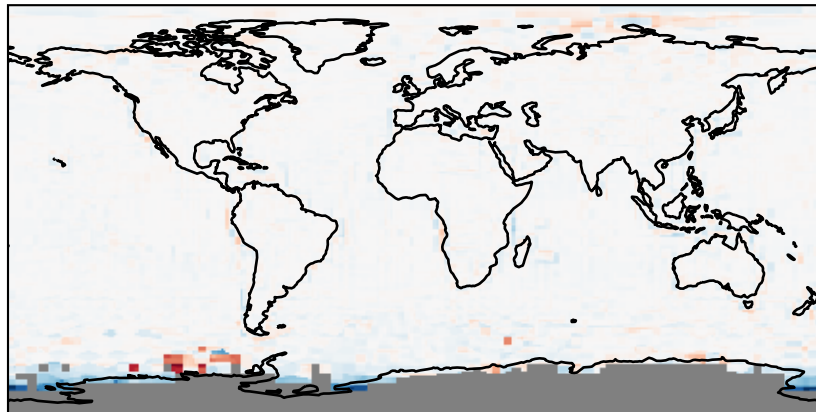
Difference (1x1.25)
Dev - Ref, Dynamic Range



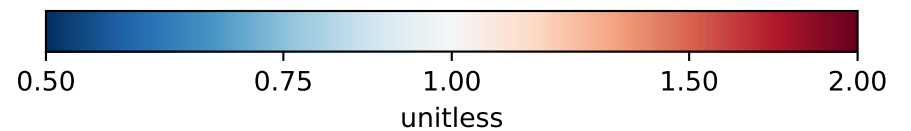
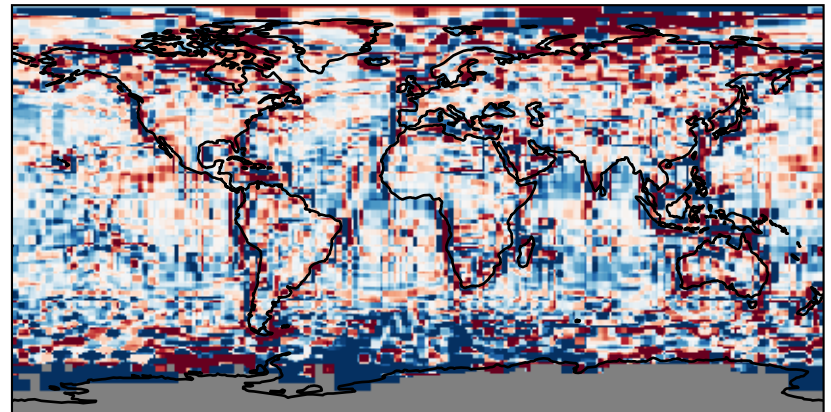
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

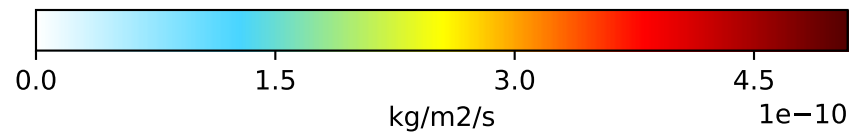
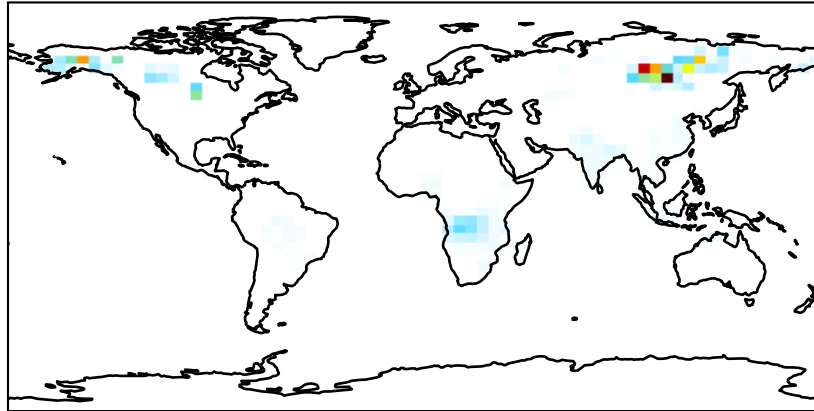


Ratio (1x1.25)
Dev/Ref, Fixed Range

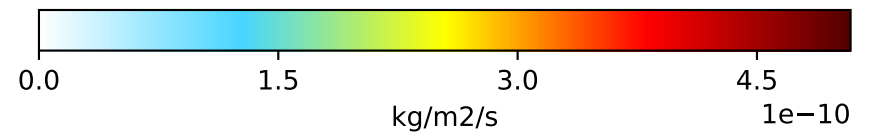
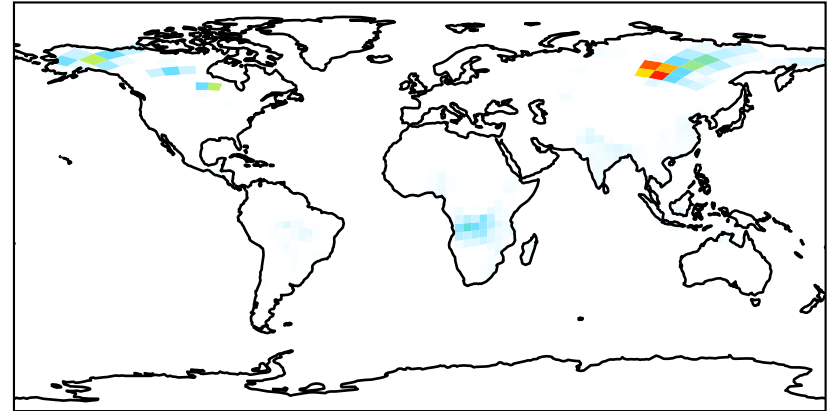


EmisOCPI_Total

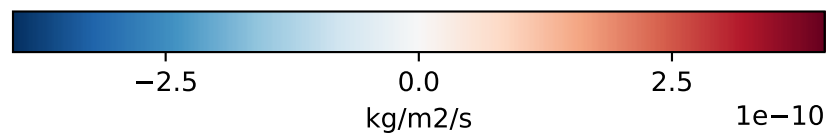
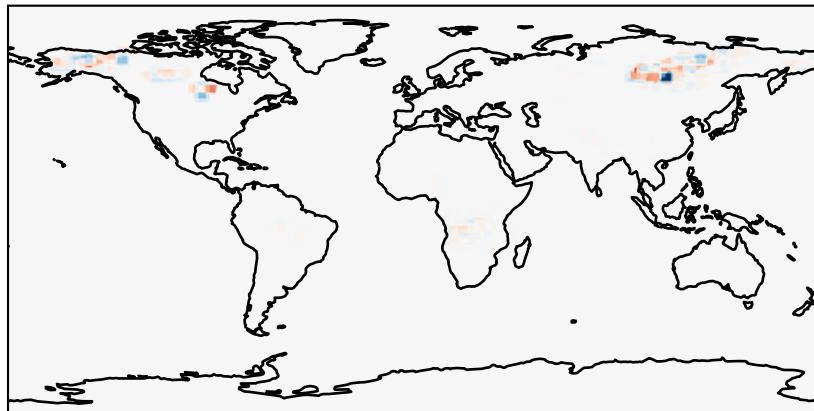
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



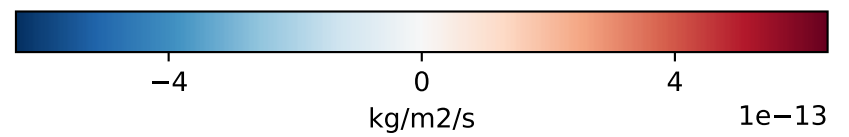
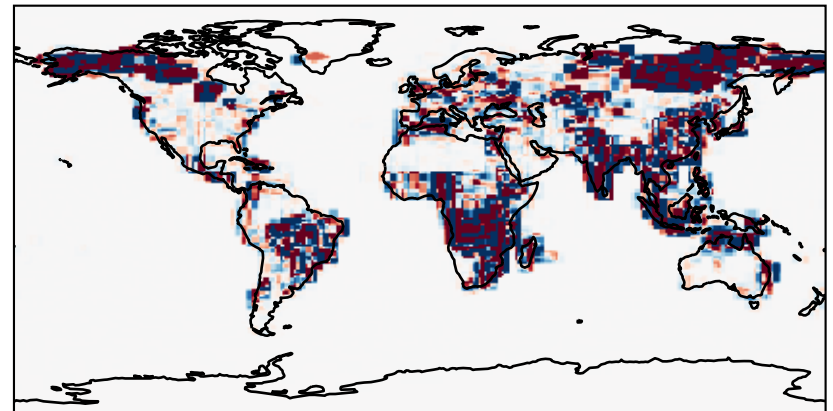
GCHP_14.2.0_GEOS-IT (Dev)
c24



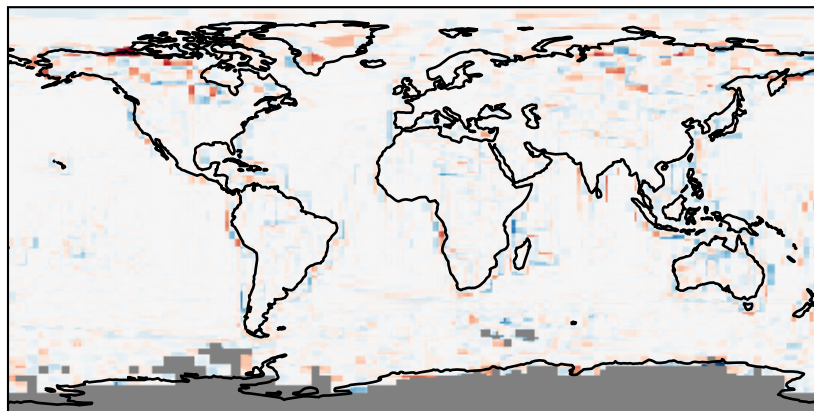
Difference (1x1.25)
Dev - Ref, Dynamic Range



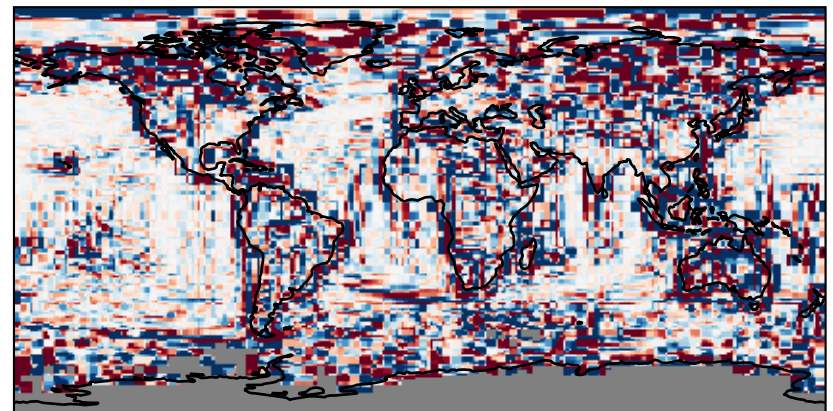
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

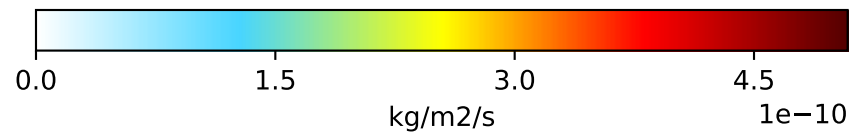
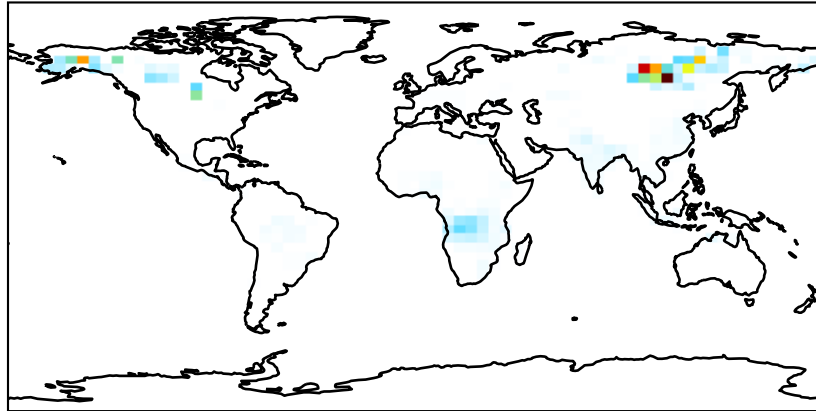


Ratio (1x1.25)
Dev/Ref, Fixed Range

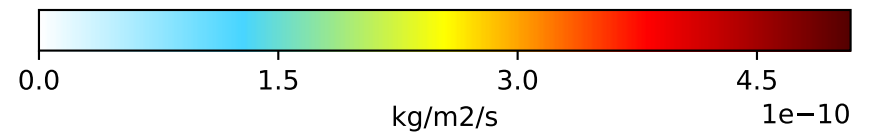
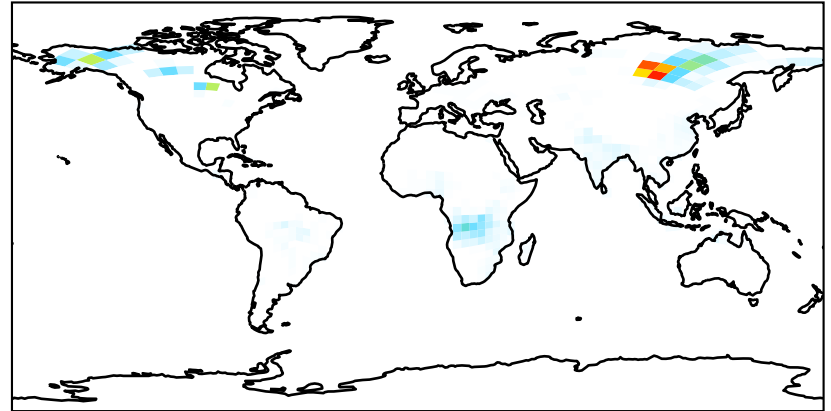


EmisOCPO_Total

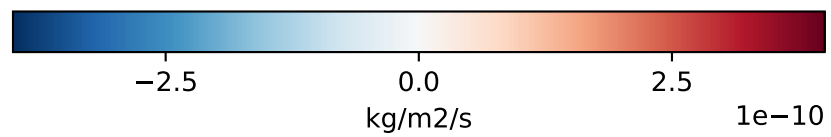
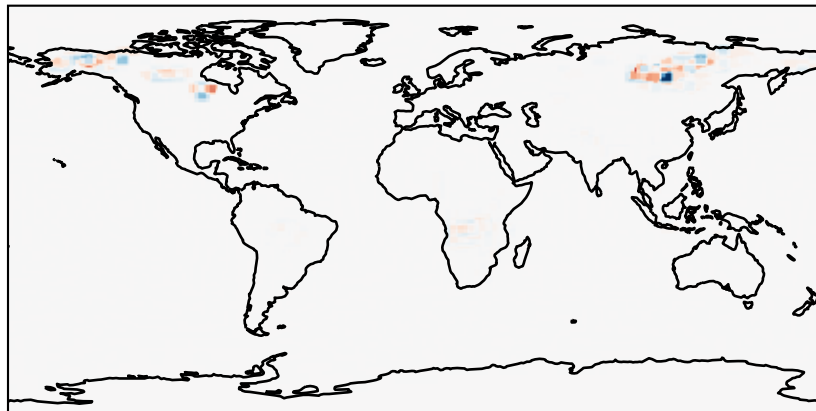
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



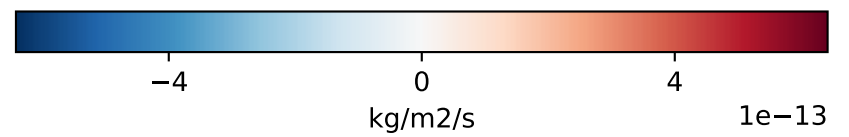
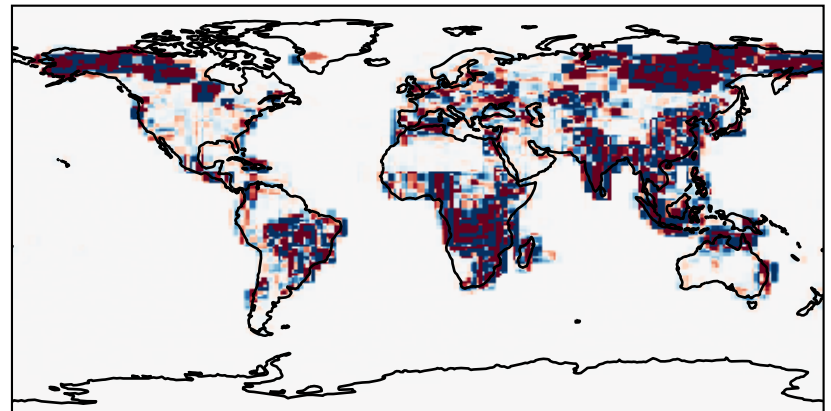
GCHP_14.2.0_GEOS-IT (Dev)
c24



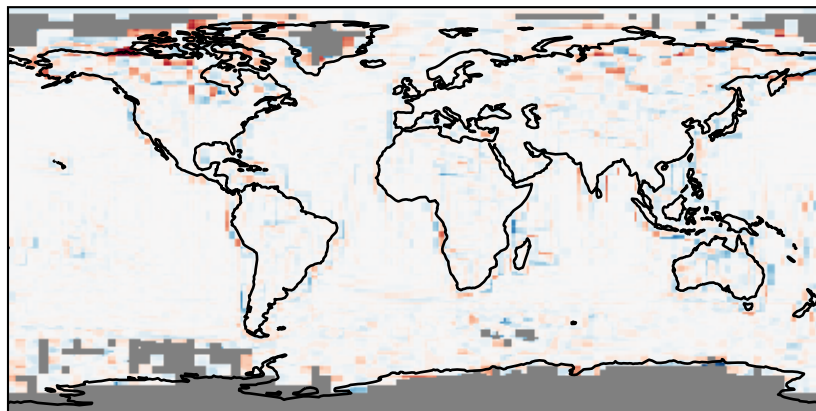
Difference (1x1.25)
Dev - Ref, Dynamic Range



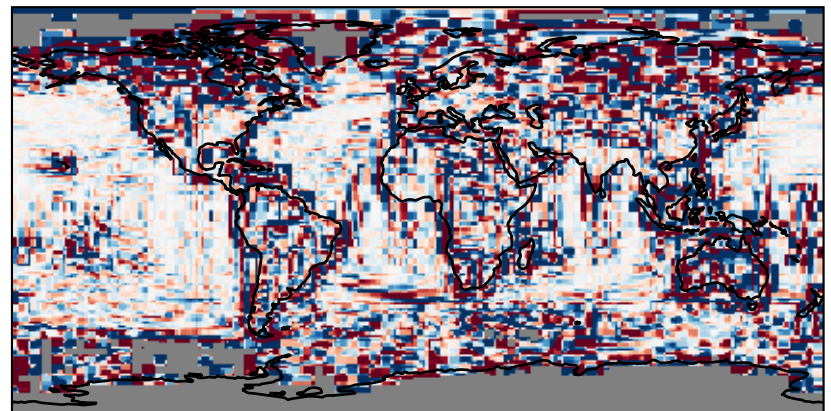
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

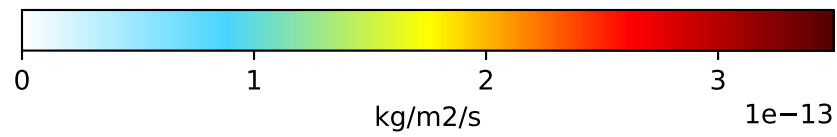
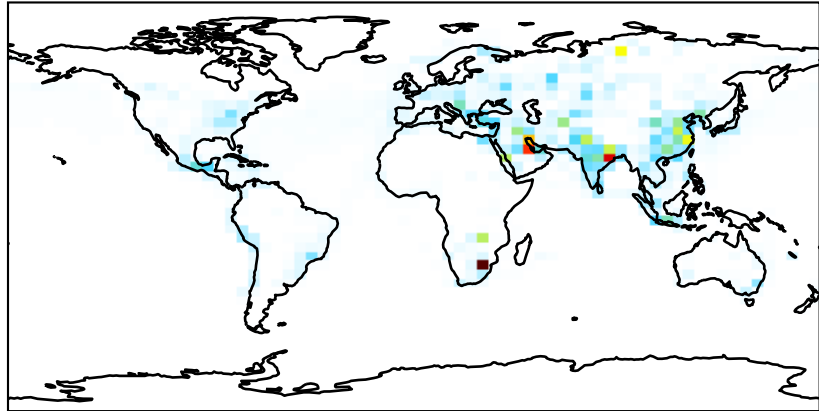


Ratio (1x1.25)
Dev/Ref, Fixed Range

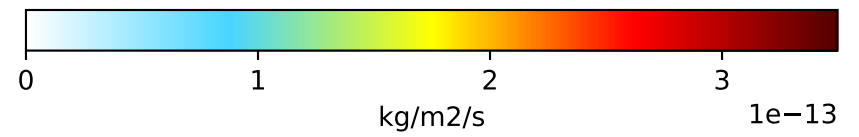
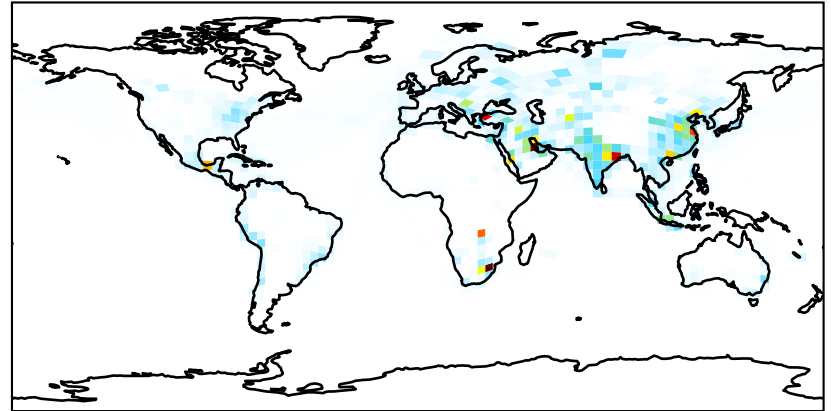


EmispFe_Total

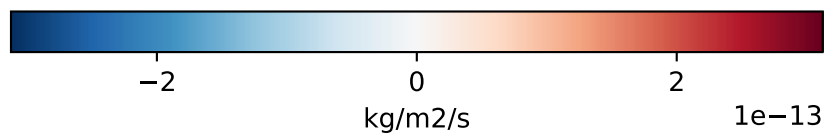
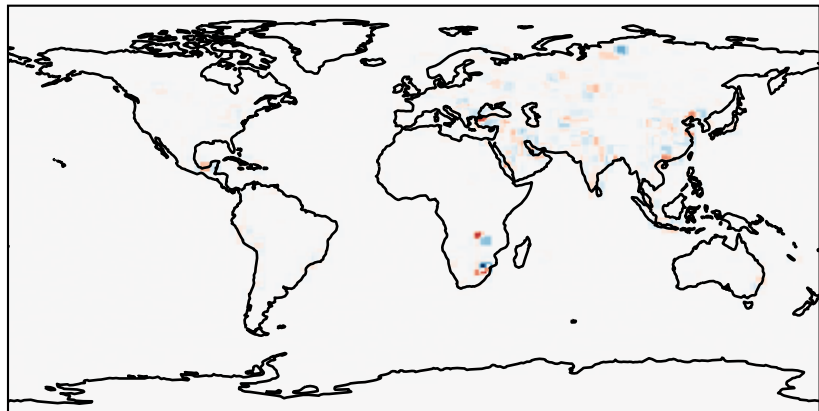
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



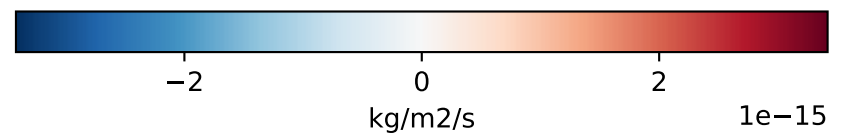
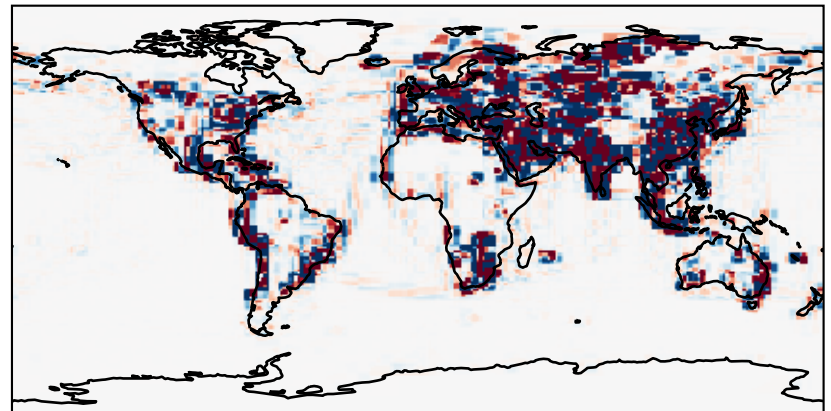
GCHP_14.2.0_GEOS-IT (Dev)
c24



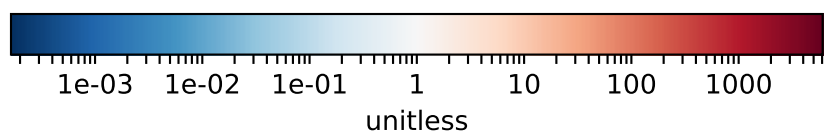
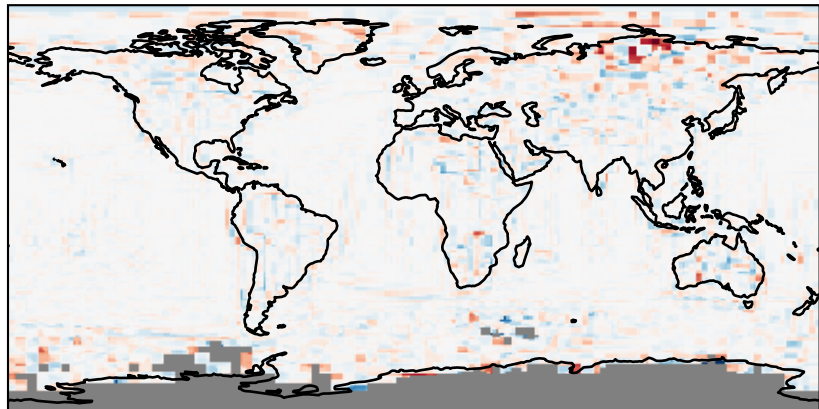
Difference (1x1.25)
Dev - Ref, Dynamic Range



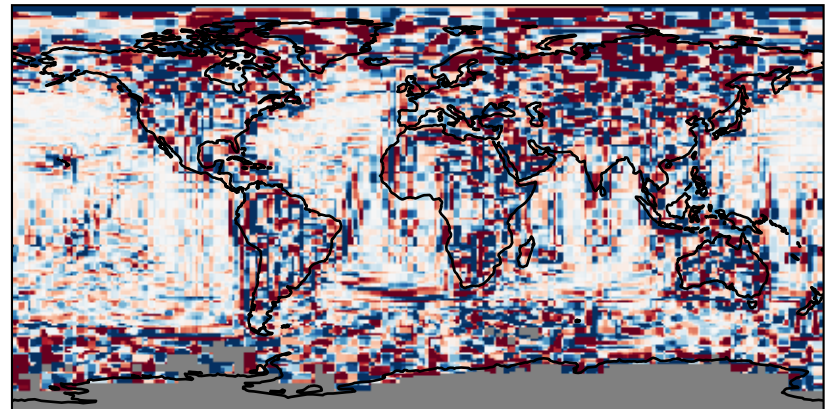
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

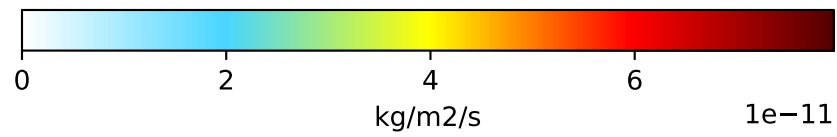
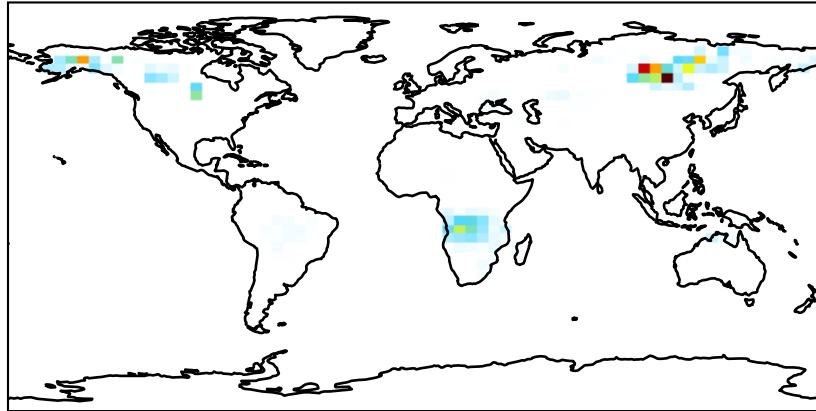


Ratio (1x1.25)
Dev/Ref, Fixed Range

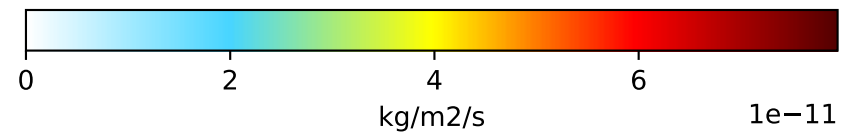
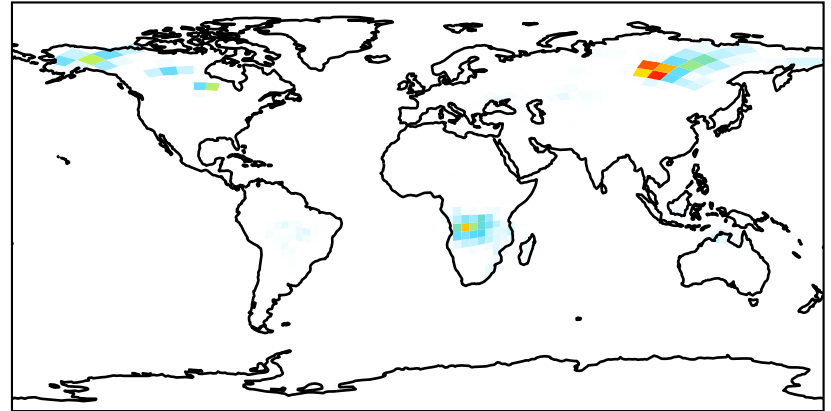


EmisPHEN_Total

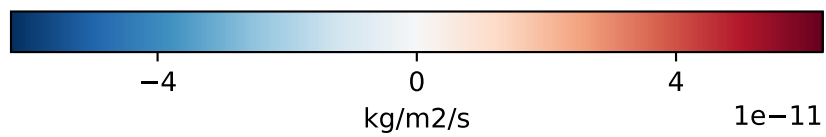
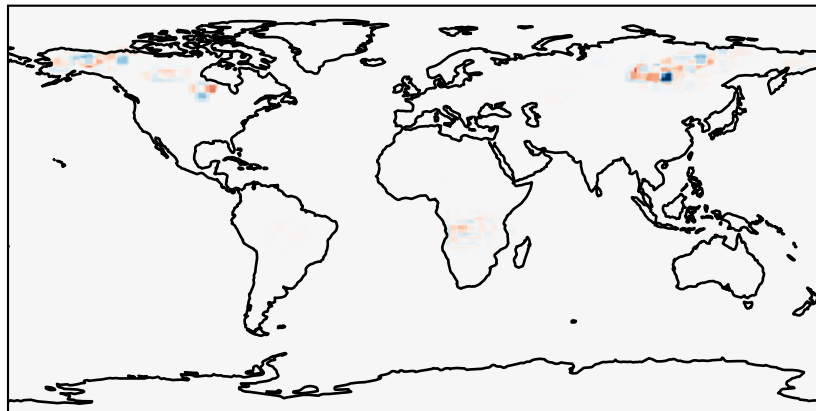
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



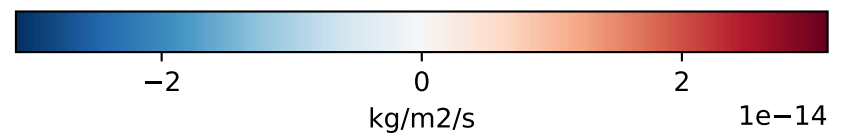
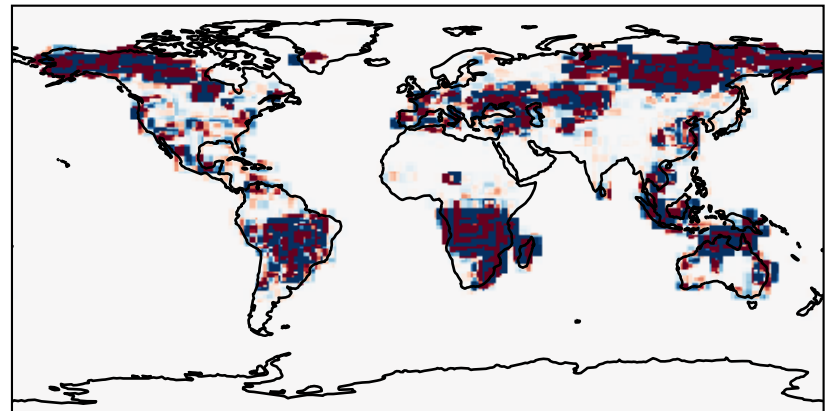
GCHP_14.2.0_GEOS-IT (Dev)
c24



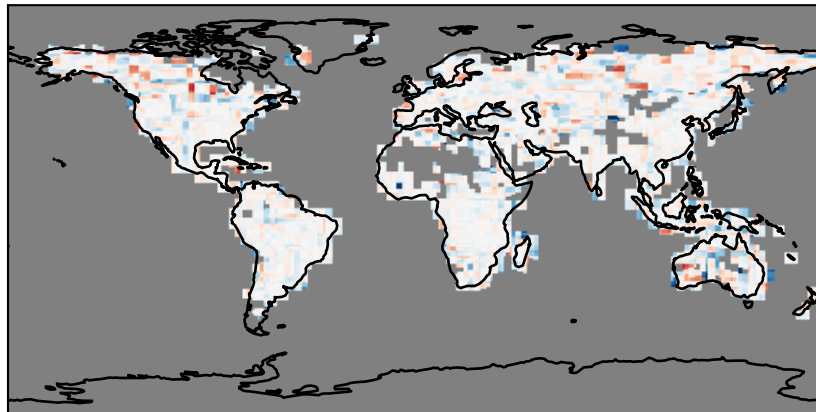
Difference (1x1.25)
Dev - Ref, Dynamic Range



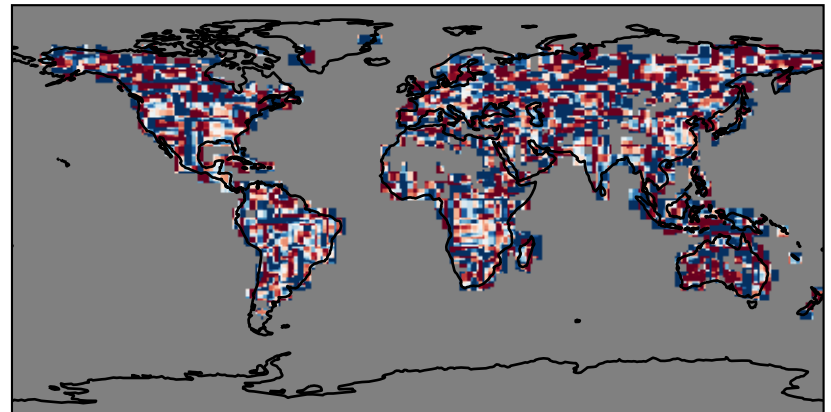
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



EmisPOG1_Total

GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



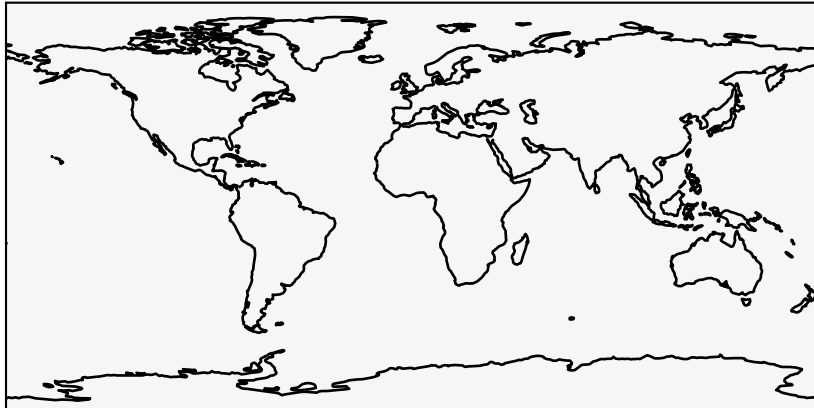
Zero throughout domain
kg/m2/s

GCHP_14.2.0_GEOS-IT (Dev)
c24



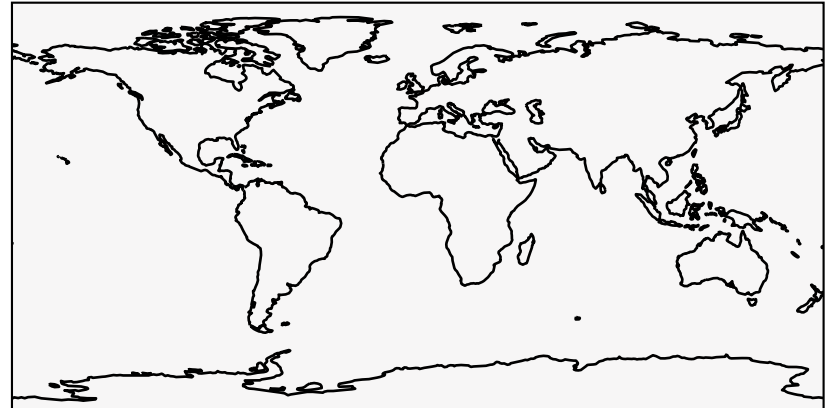
Zero throughout domain
kg/m2/s

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



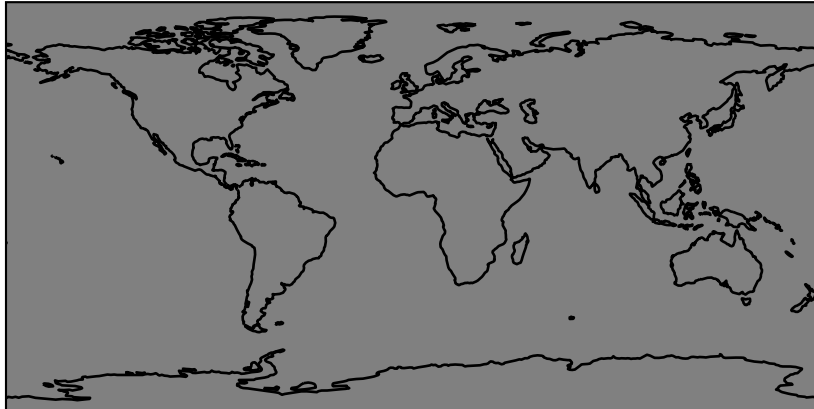
Zero throughout domain
kg/m2/s

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



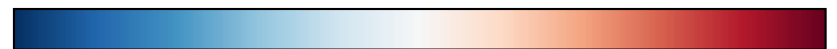
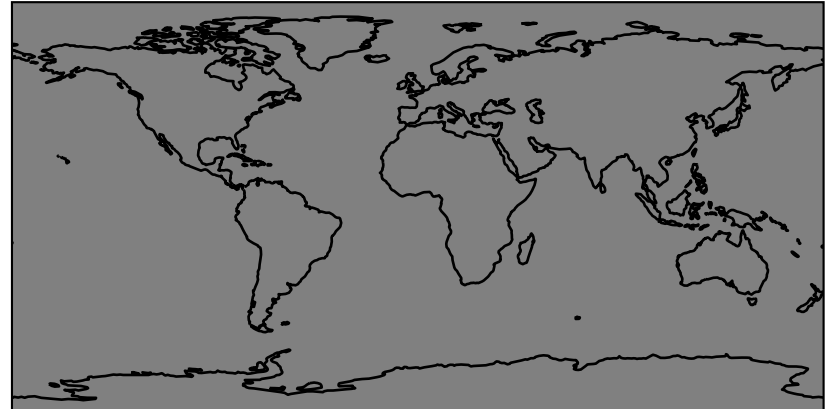
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

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



Undefined throughout domain
unitless

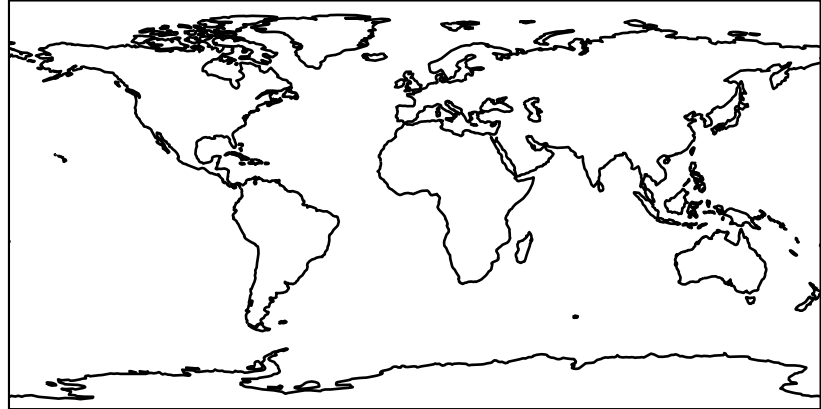
EmisPOG2_Total

GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



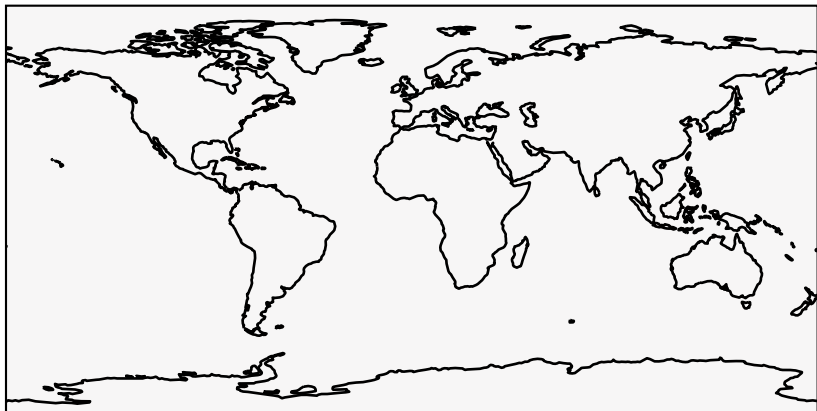
Zero throughout domain
kg/m2/s

GCHP_14.2.0_GEOS-IT (Dev)
c24



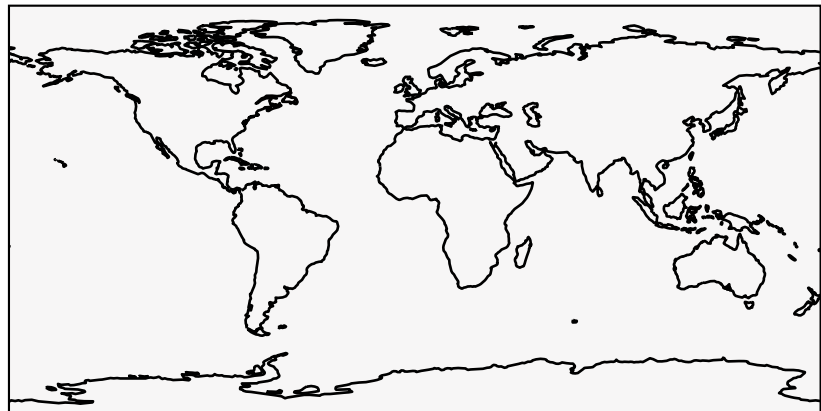
Zero throughout domain
kg/m2/s

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



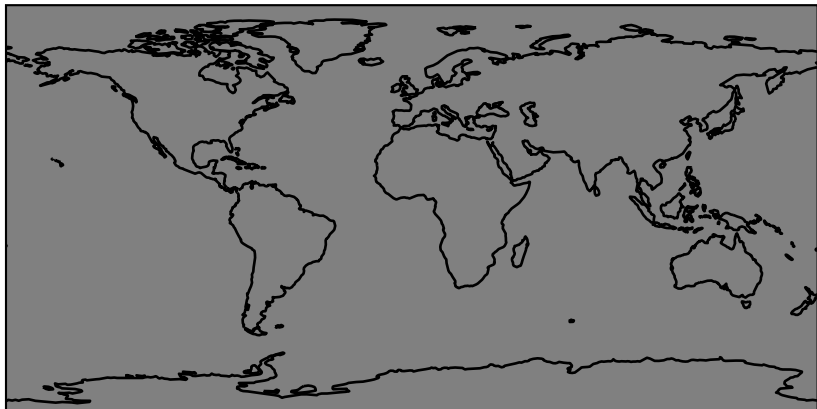
Zero throughout domain
kg/m2/s

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



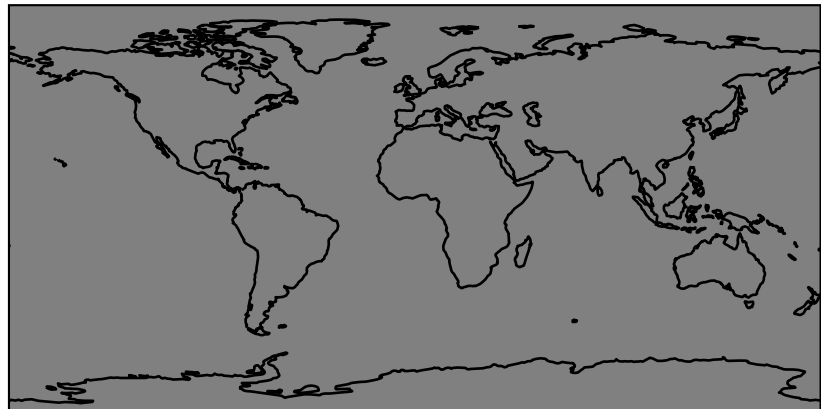
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

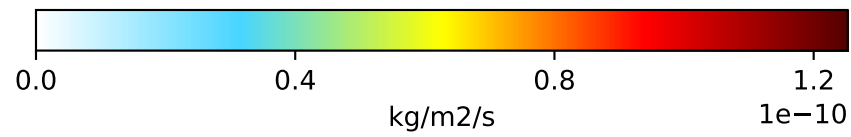
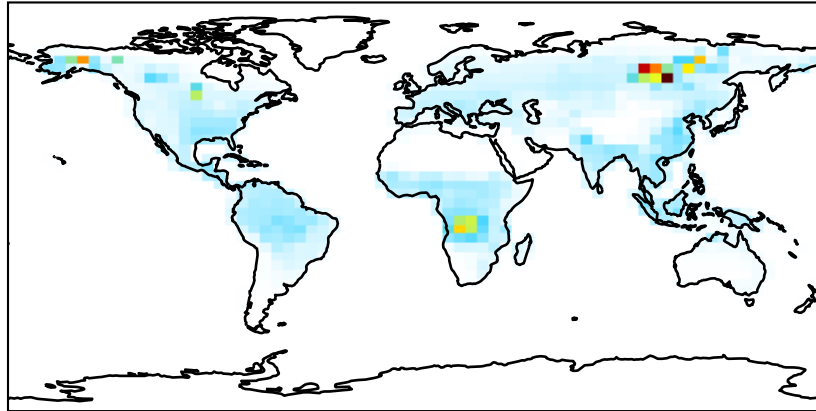
Ratio (1x1.25)
Dev/Ref, Fixed Range



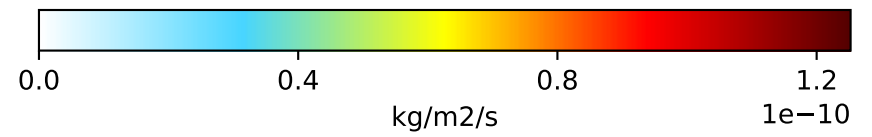
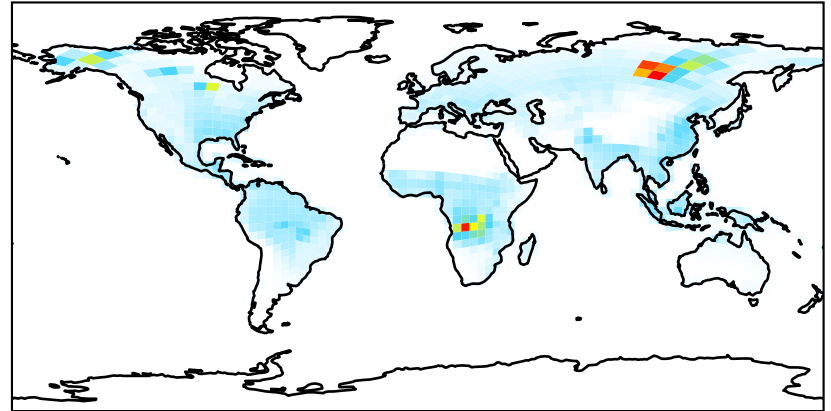
Undefined throughout domain
unitless

EmisPRPE_Total

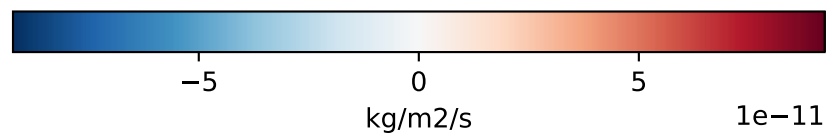
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



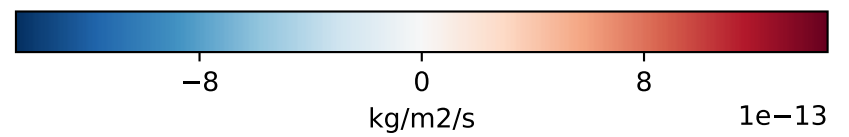
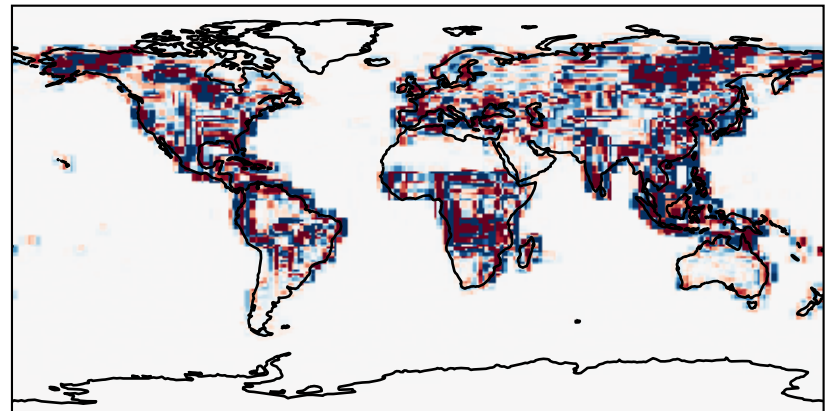
GCHP_14.2.0_GEOS-IT (Dev)
c24



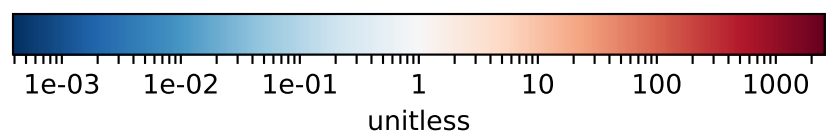
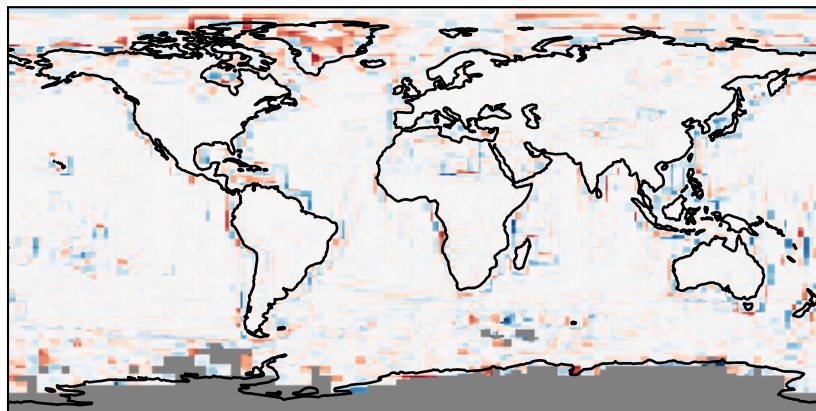
Difference (1x1.25)
Dev - Ref, Dynamic Range



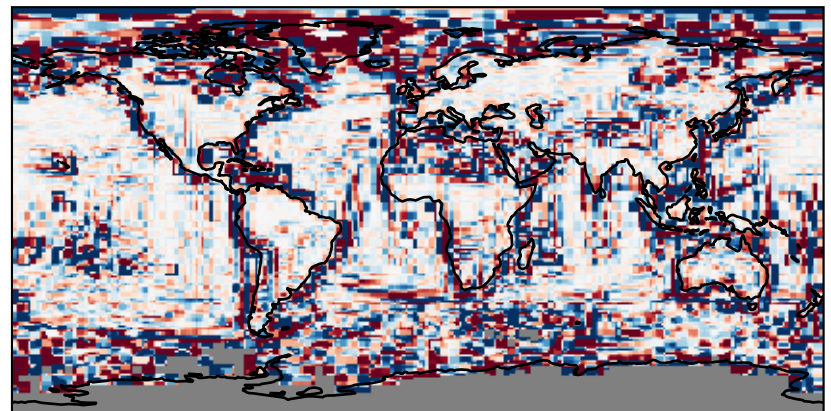
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

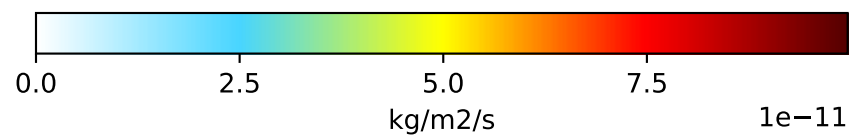
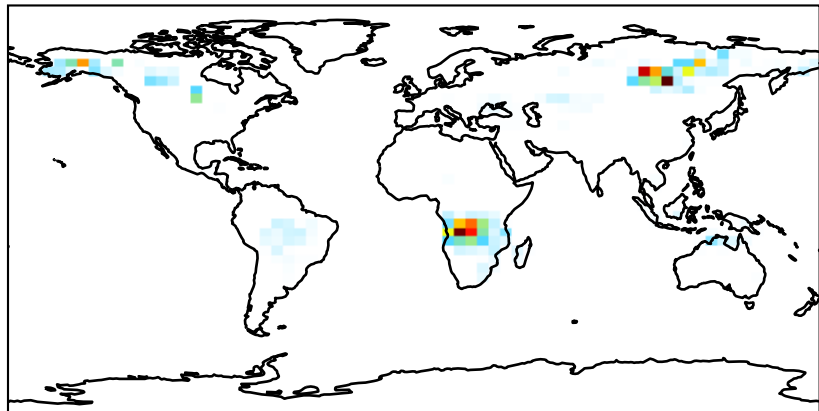


Ratio (1x1.25)
Dev/Ref, Fixed Range

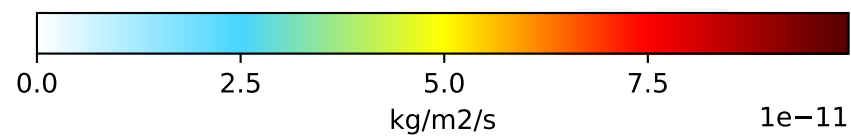
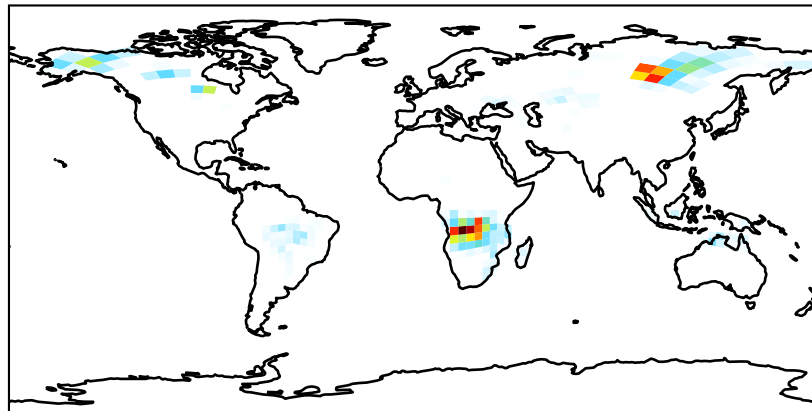


EmisRCHO_Total

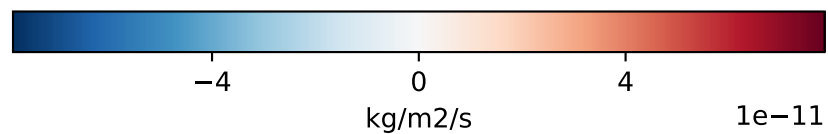
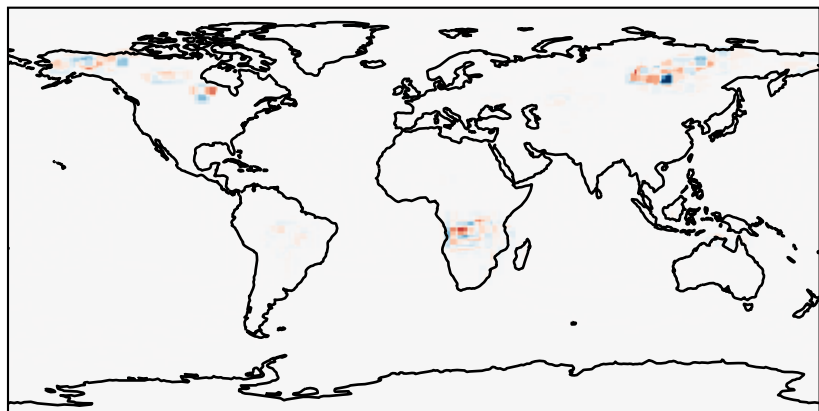
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



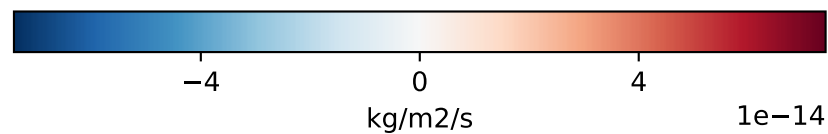
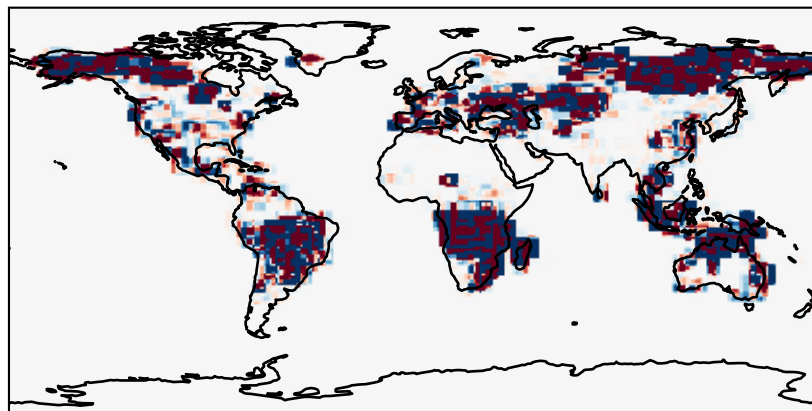
GCHP_14.2.0_GEOS-IT (Dev)
c24



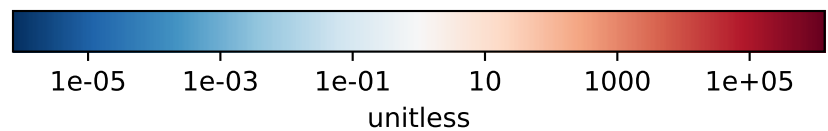
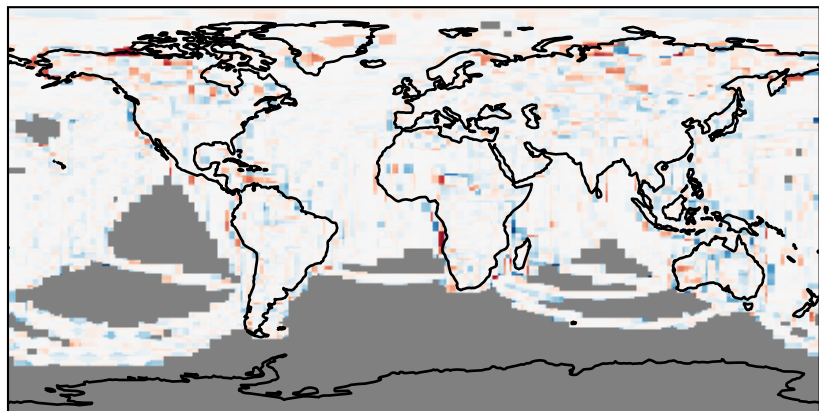
Difference (1x1.25)
Dev - Ref, Dynamic Range



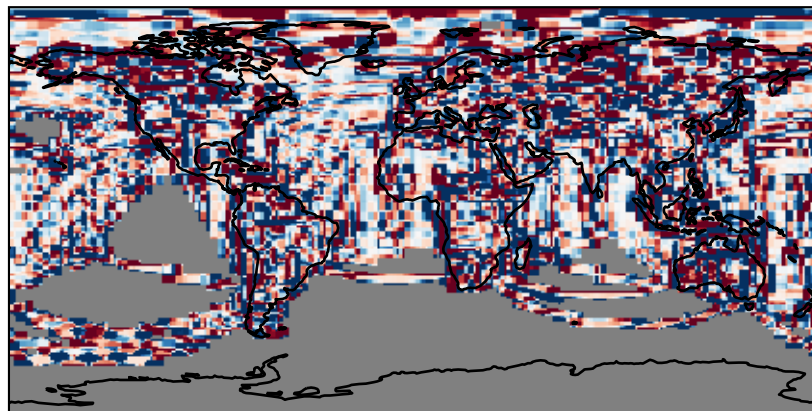
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

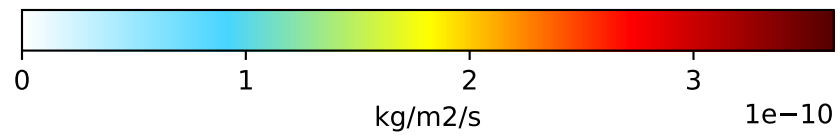
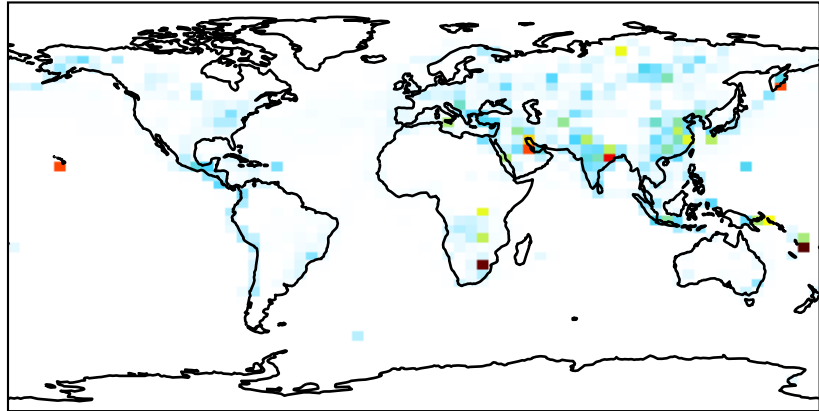


Ratio (1x1.25)
Dev/Ref, Fixed Range

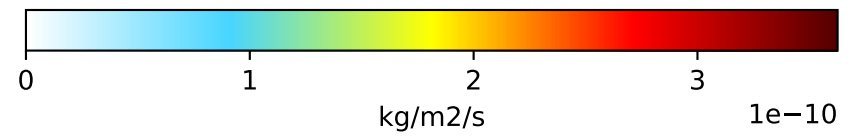
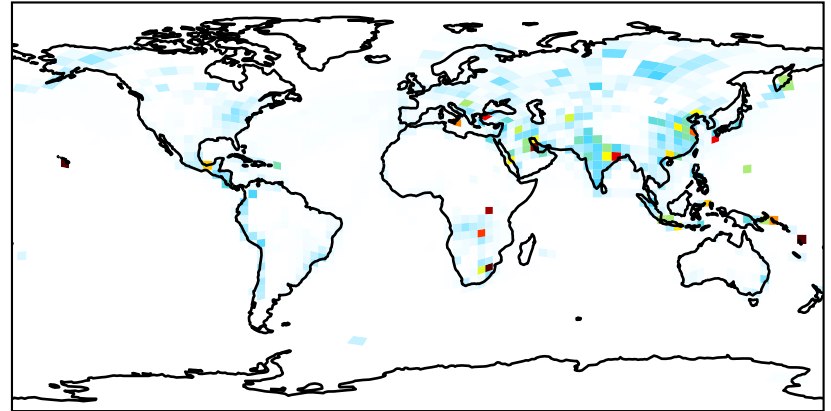


EmisSO2_Total

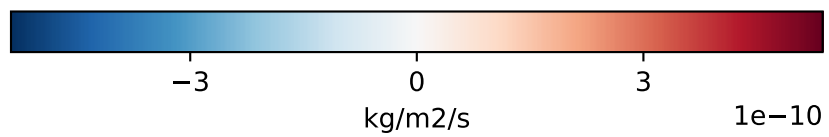
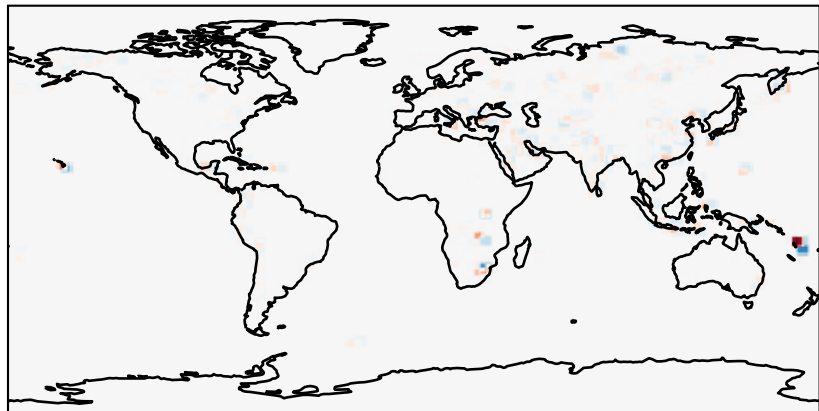
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



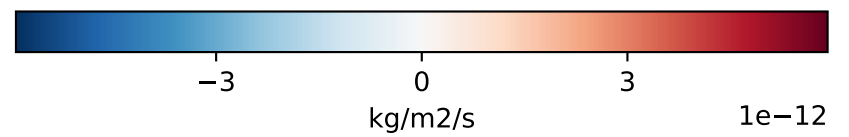
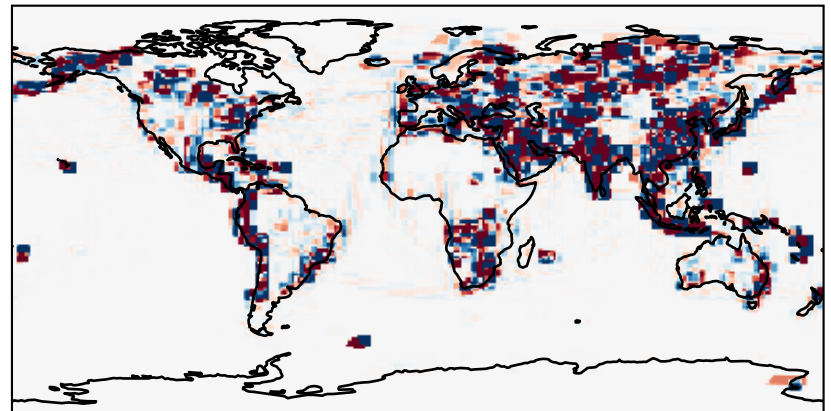
GCHP_14.2.0_GEOS-IT (Dev)
c24



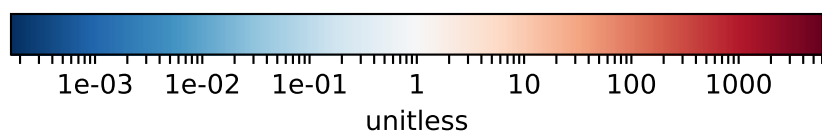
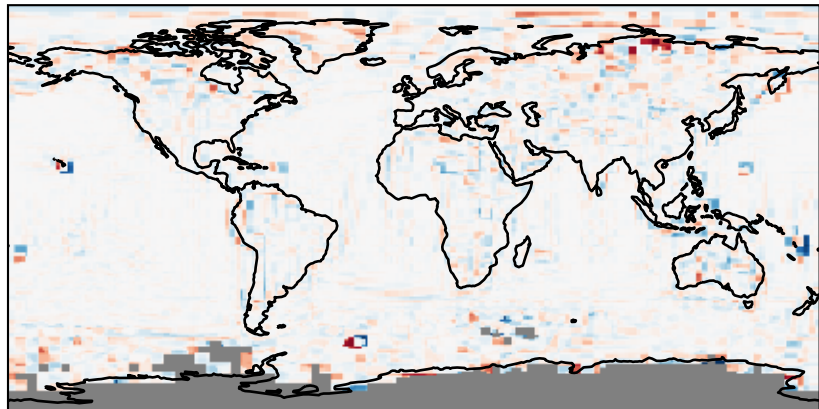
Difference (1x1.25)
Dev - Ref, Dynamic Range



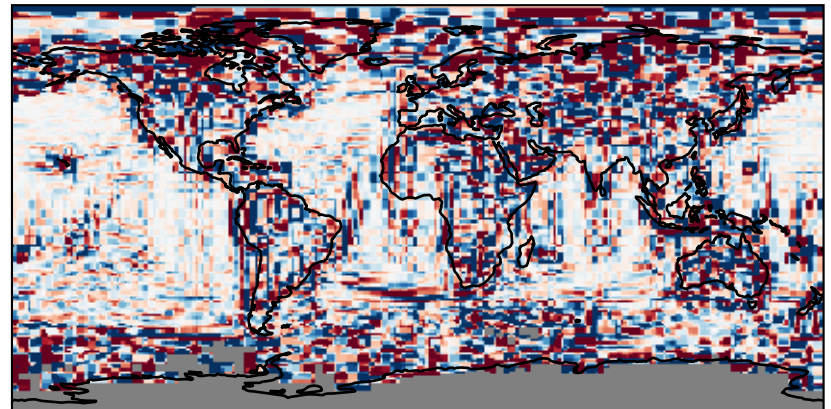
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

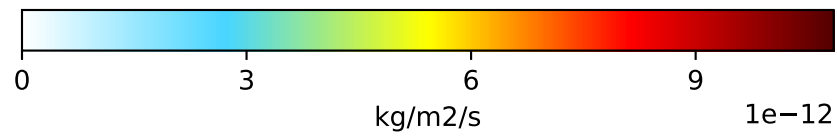
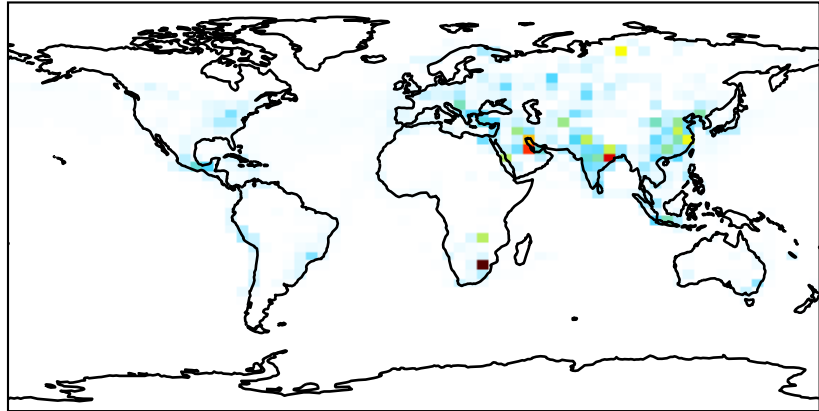


Ratio (1x1.25)
Dev/Ref, Fixed Range

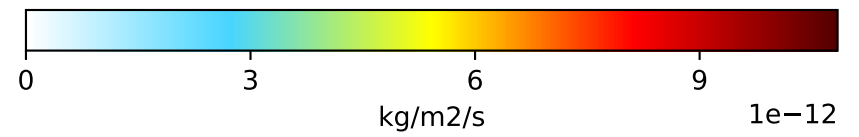
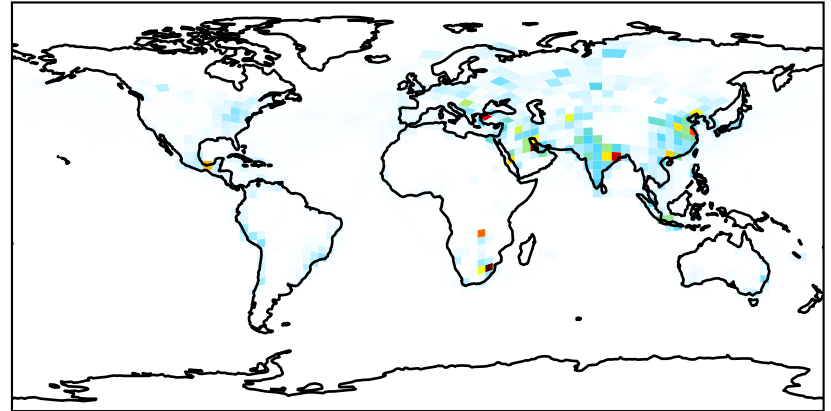


EmisSO4_Total

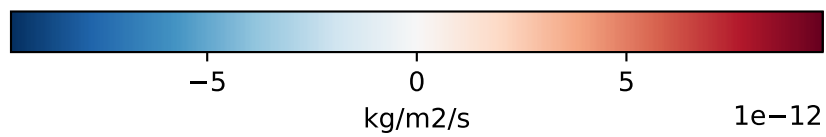
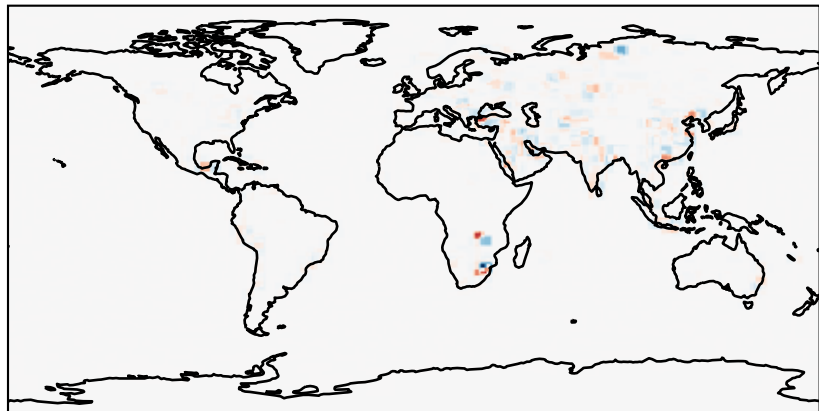
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



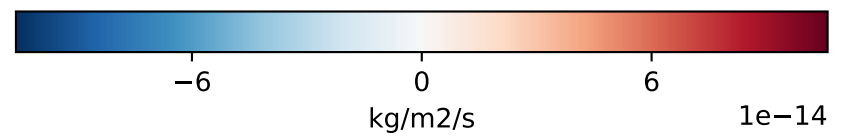
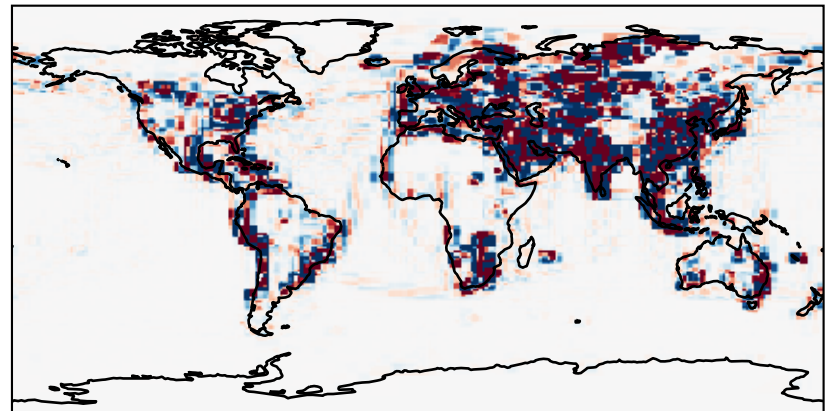
GCHP_14.2.0_GEOS-IT (Dev)
c24



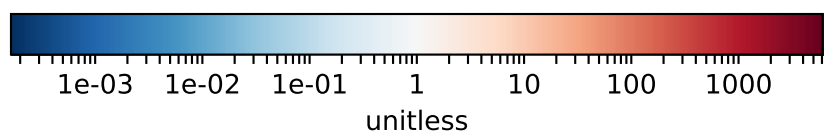
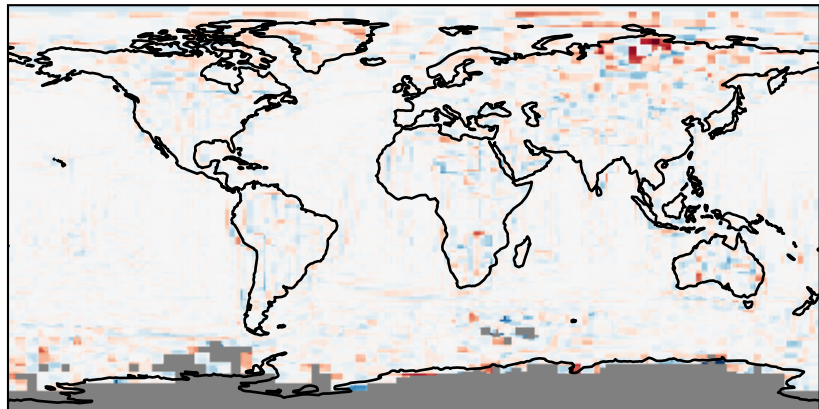
Difference (1x1.25)
Dev - Ref, Dynamic Range



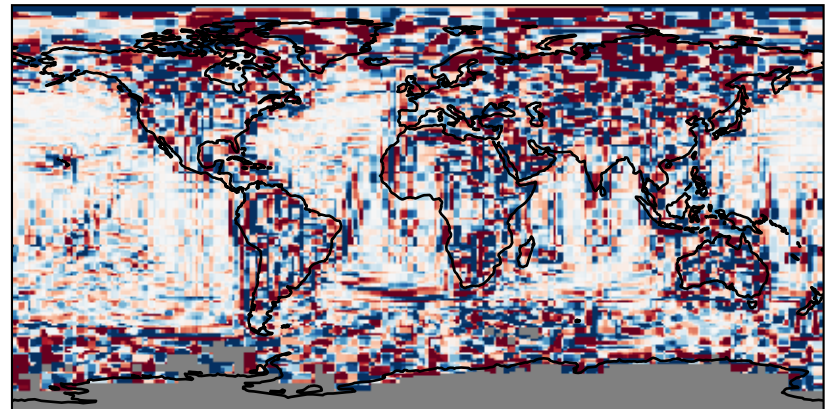
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

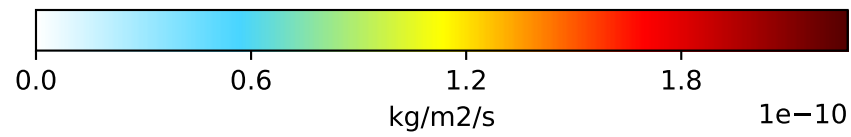
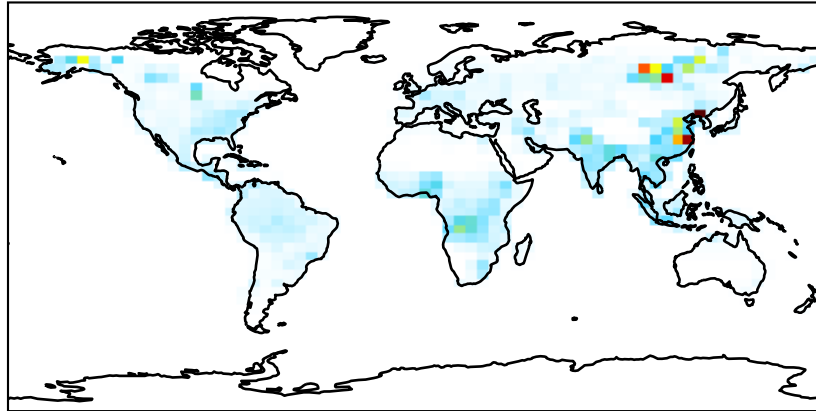


Ratio (1x1.25)
Dev/Ref, Fixed Range

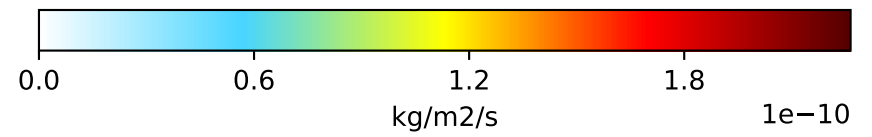
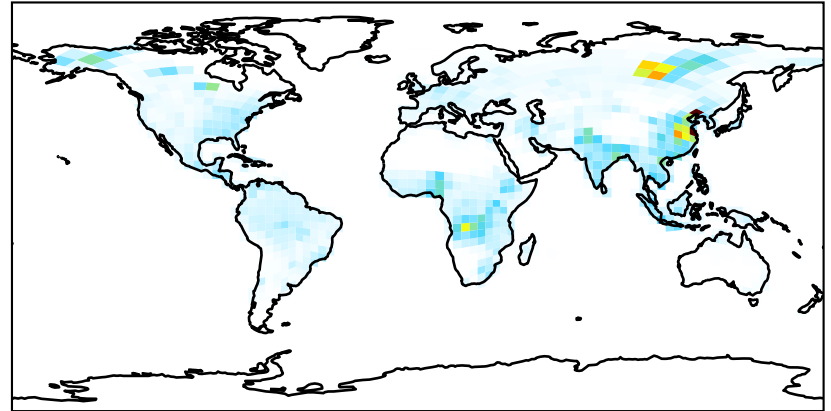


EmisSOAP_Total

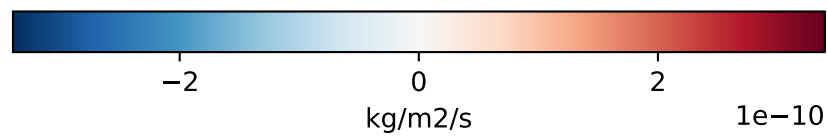
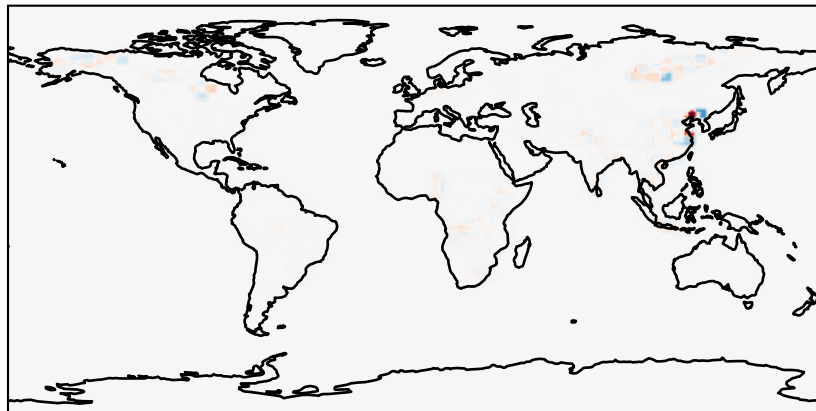
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



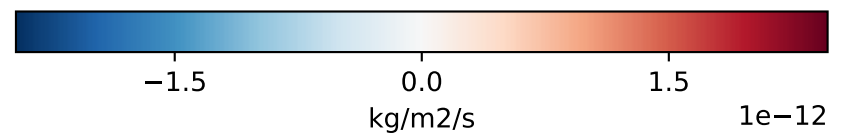
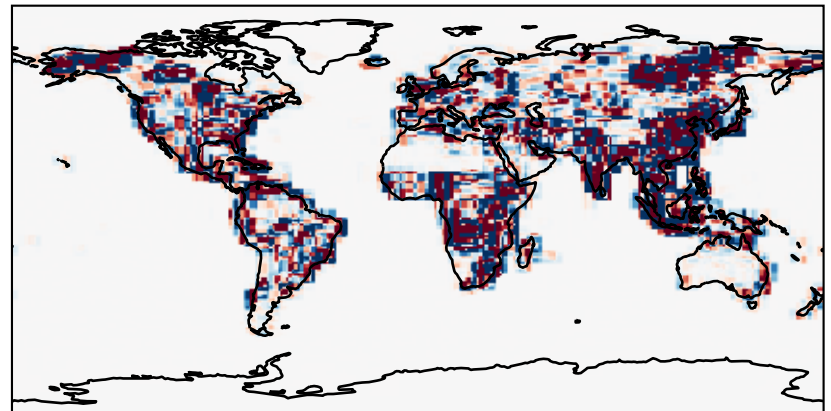
GCHP_14.2.0_GEOS-IT (Dev)
c24



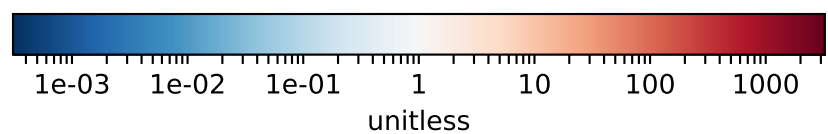
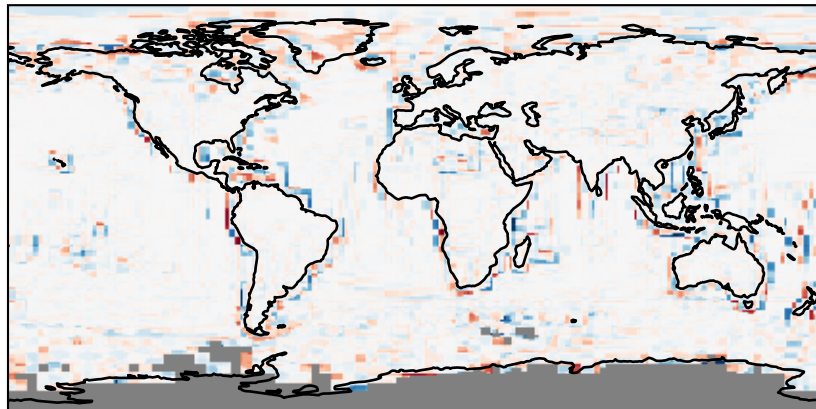
Difference (1x1.25)
Dev - Ref, Dynamic Range



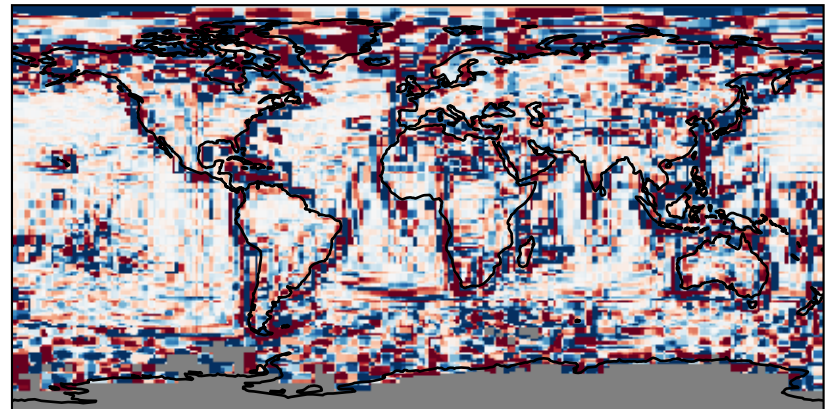
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

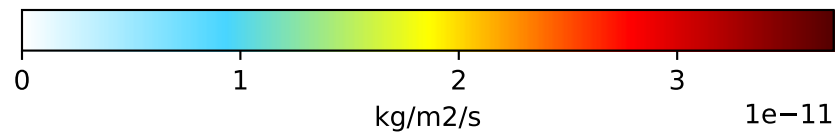
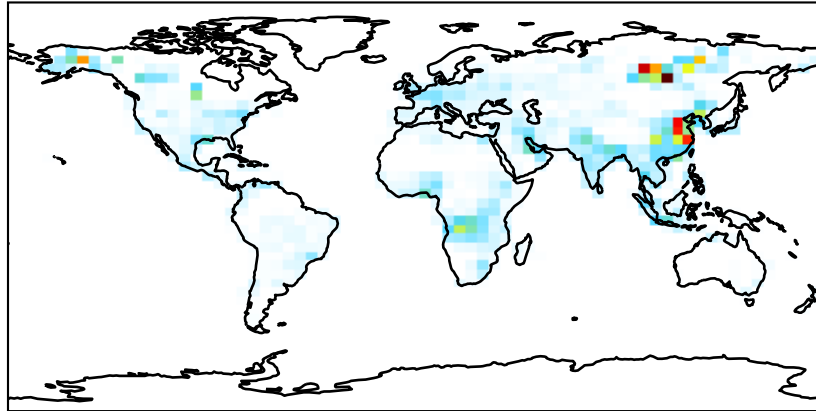


Ratio (1x1.25)
Dev/Ref, Fixed Range

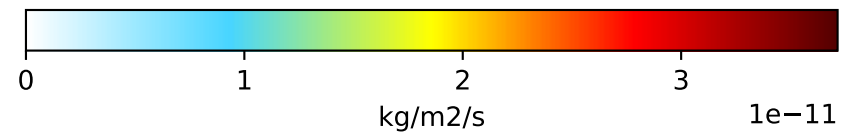
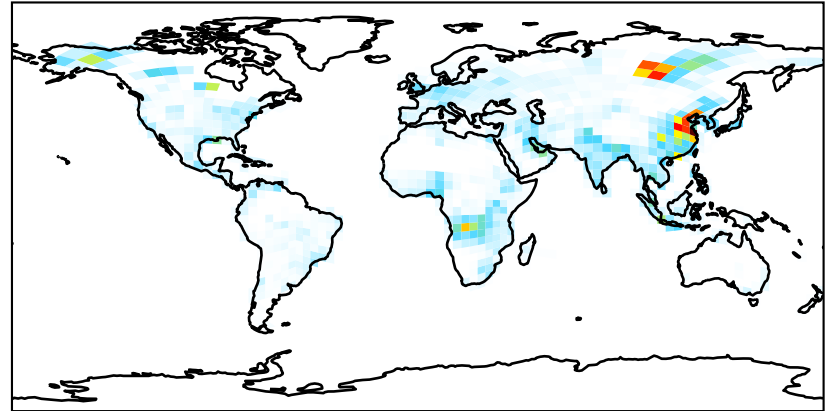


EmisTOLU_Total

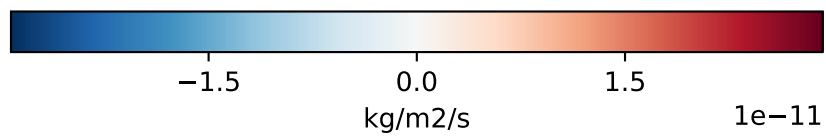
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



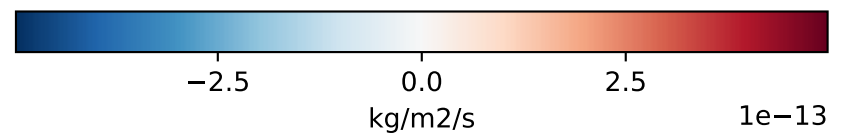
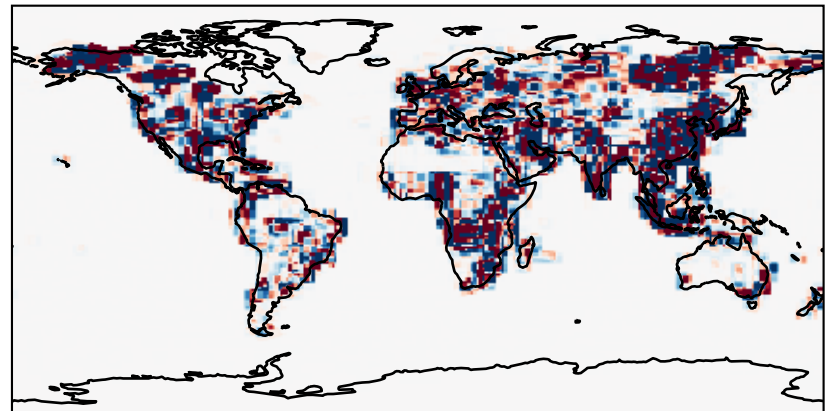
GCHP_14.2.0_GEOS-IT (Dev)
c24



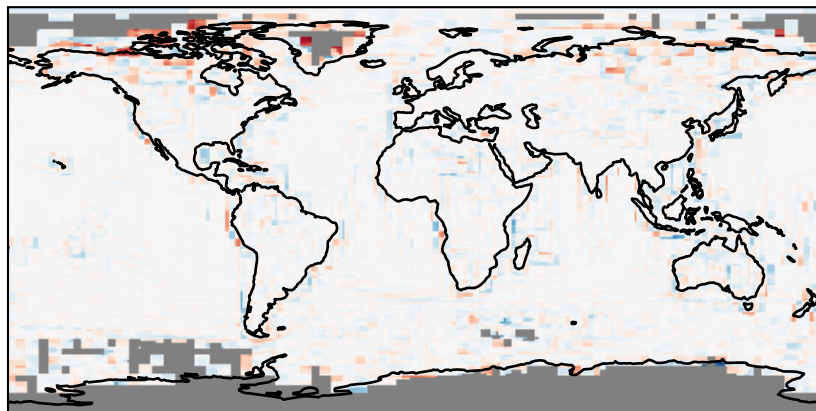
Difference (1x1.25)
Dev - Ref, Dynamic Range



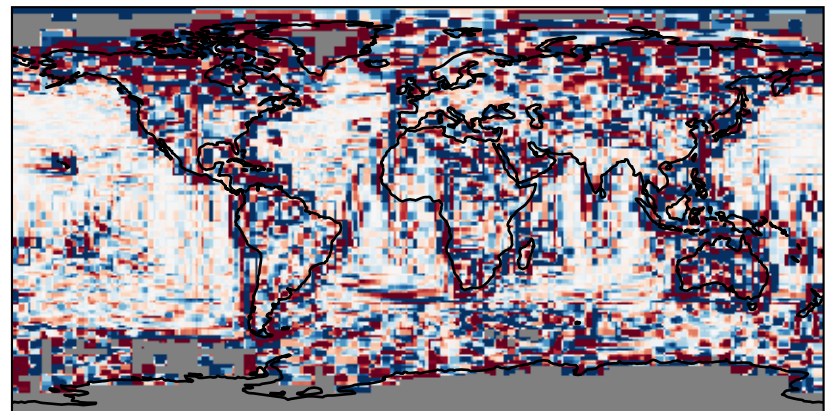
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

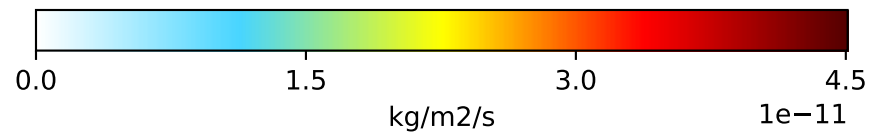
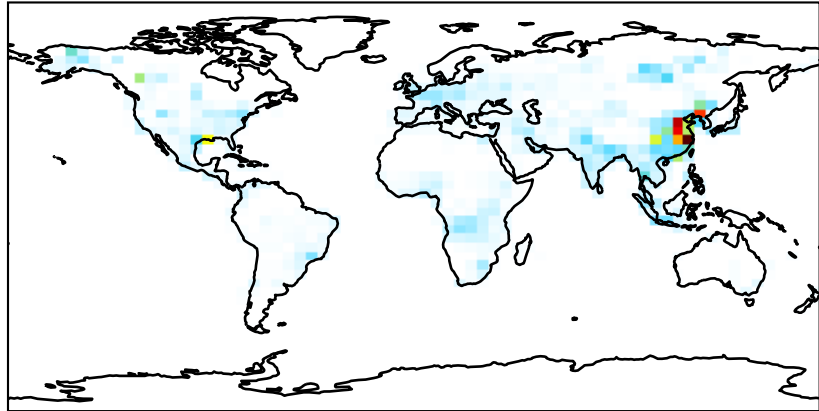


Ratio (1x1.25)
Dev/Ref, Fixed Range

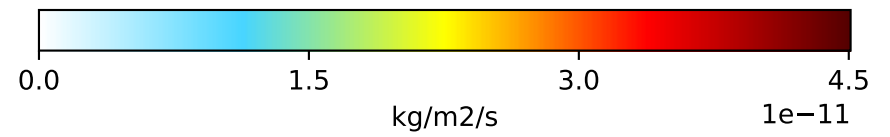
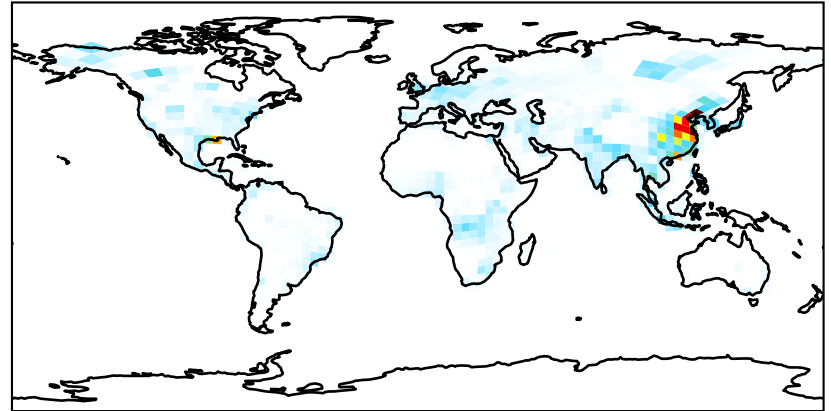


EmisXYLE_Total

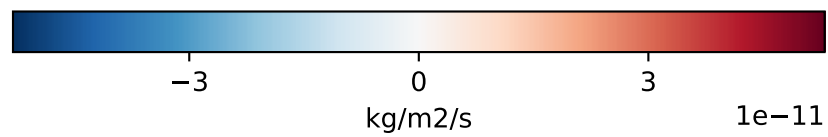
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



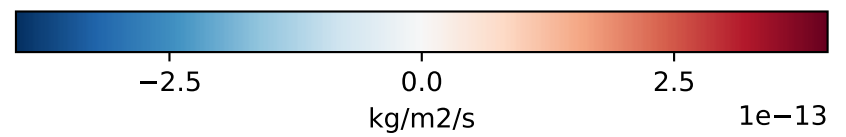
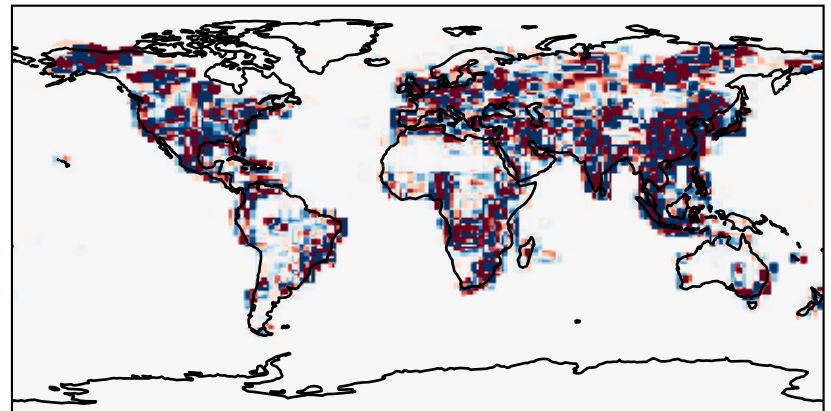
GCHP_14.2.0_GEOS-IT (Dev)
c24



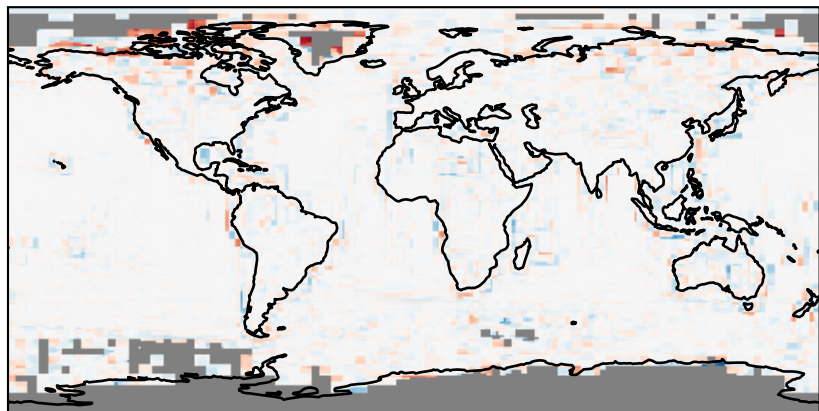
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

