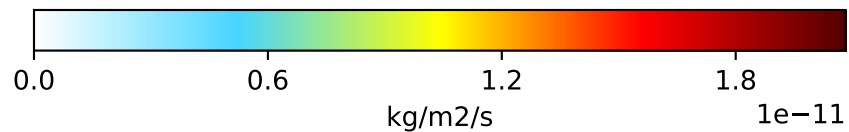
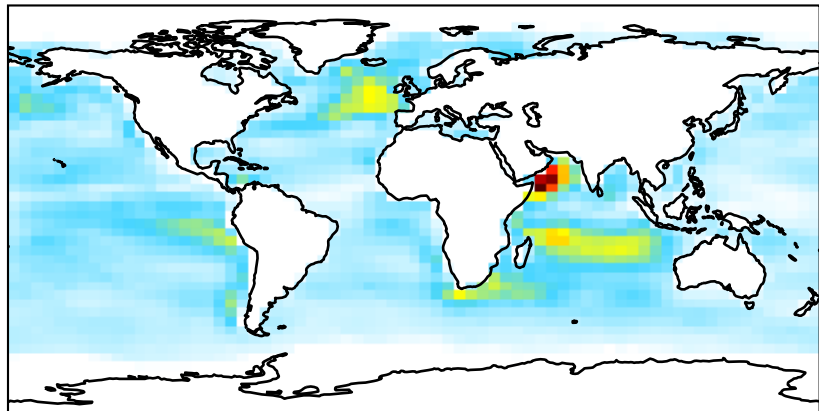
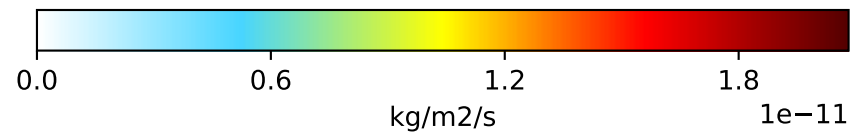
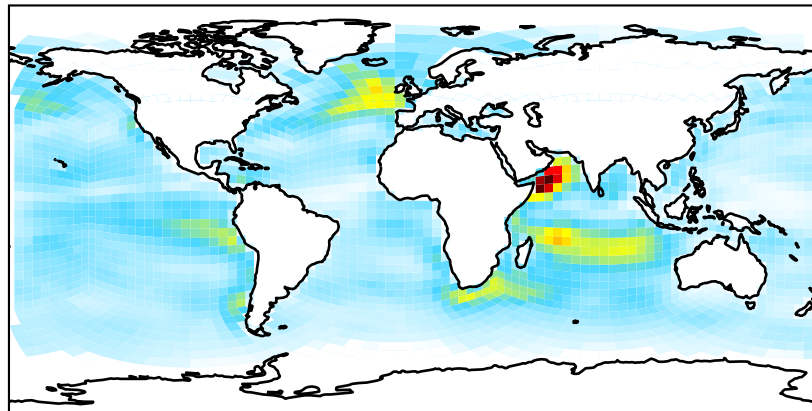


EmisDMS_Ocean

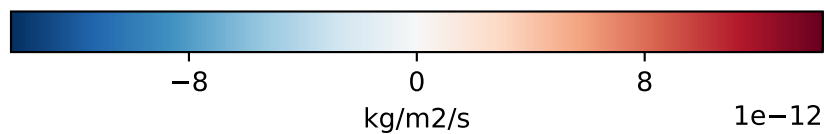
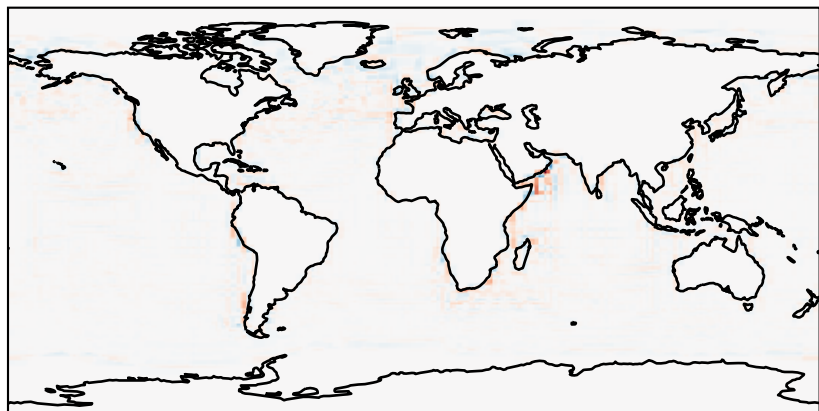
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



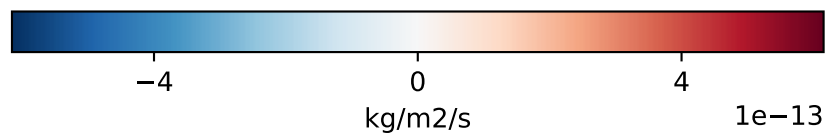
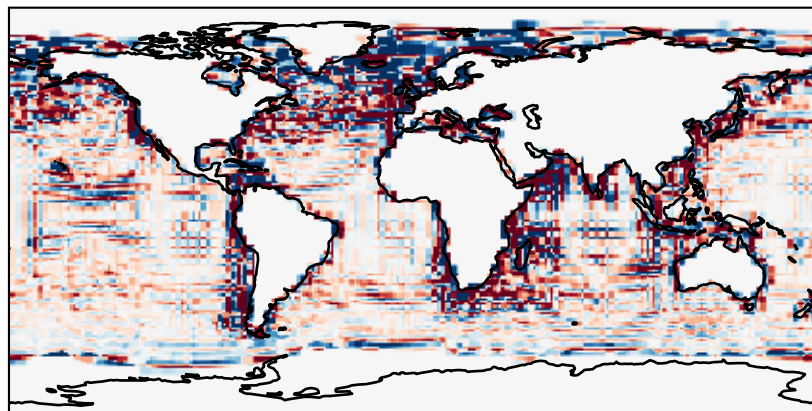
GCHP_14.2.0_GEOS-IT (Dev)
c24



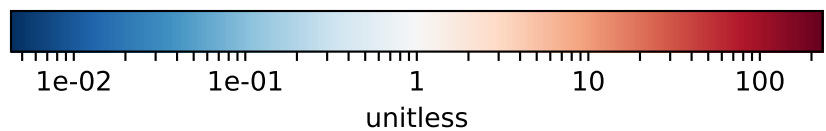
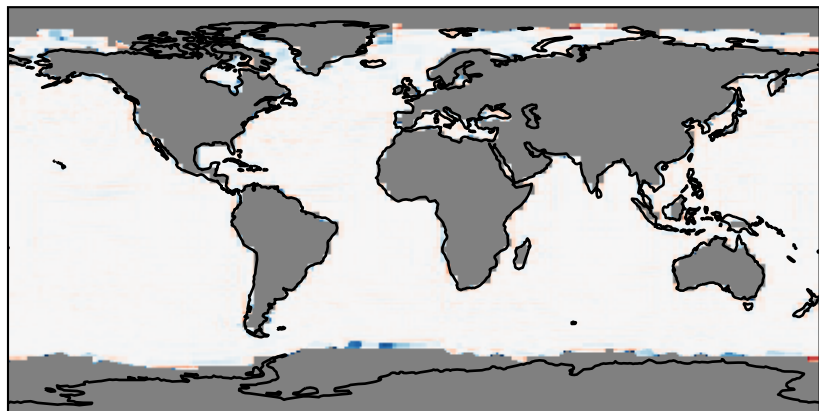
Difference (1x1.25)
Dev - Ref, Dynamic Range



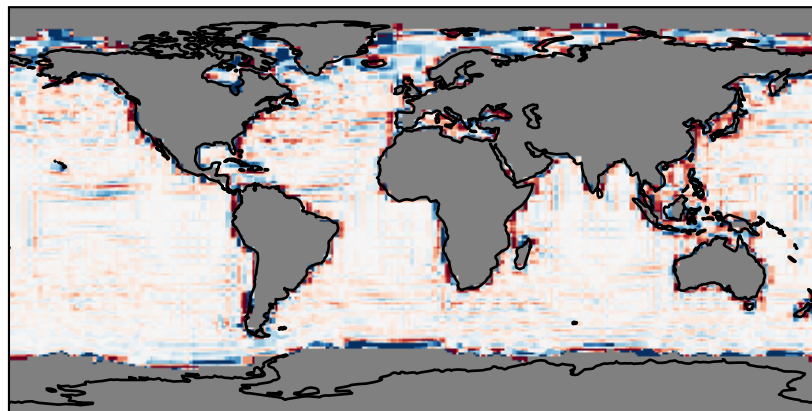
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

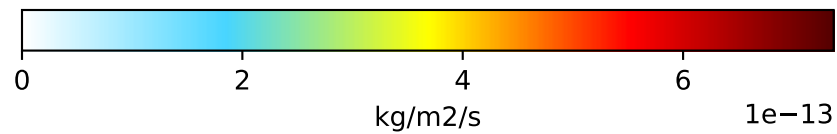
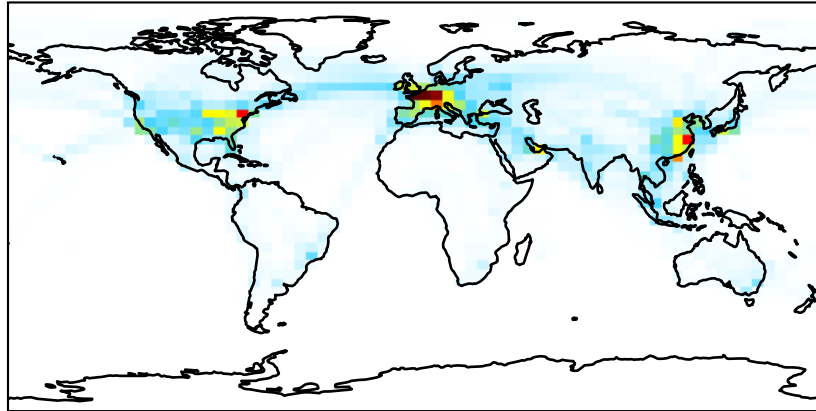


Ratio (1x1.25)
Dev/Ref, Fixed Range

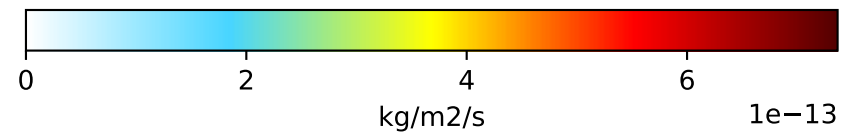
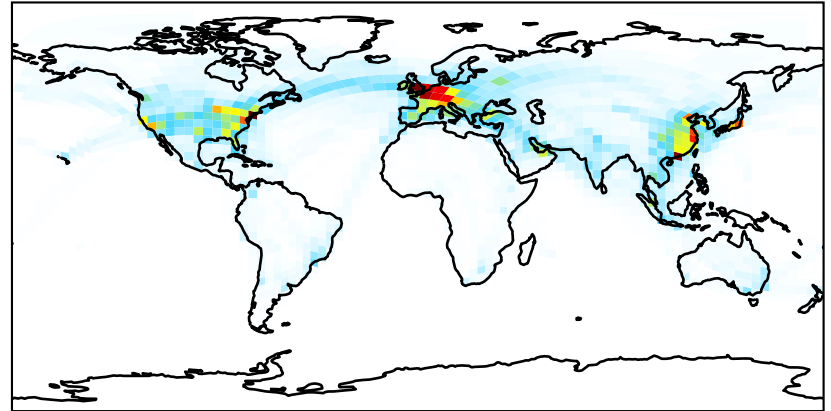


EmisSO2_Aircraft

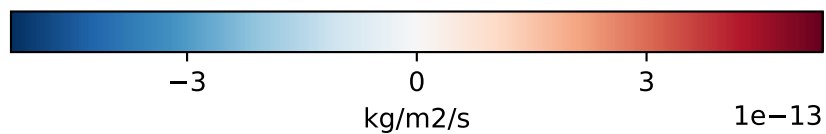
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



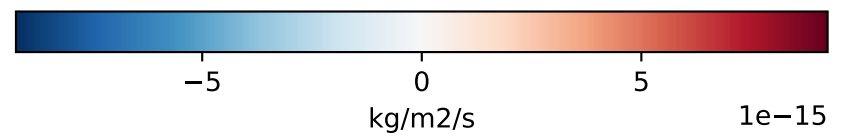
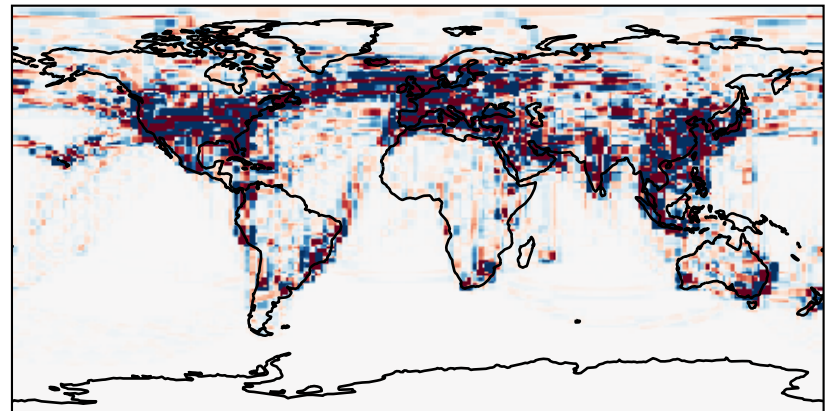
GCHP_14.2.0_GEOS-IT (Dev)
c24



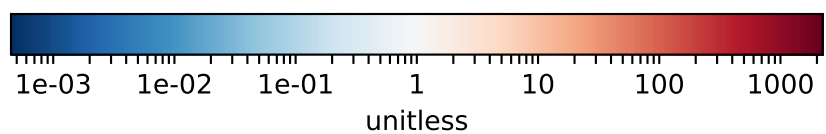
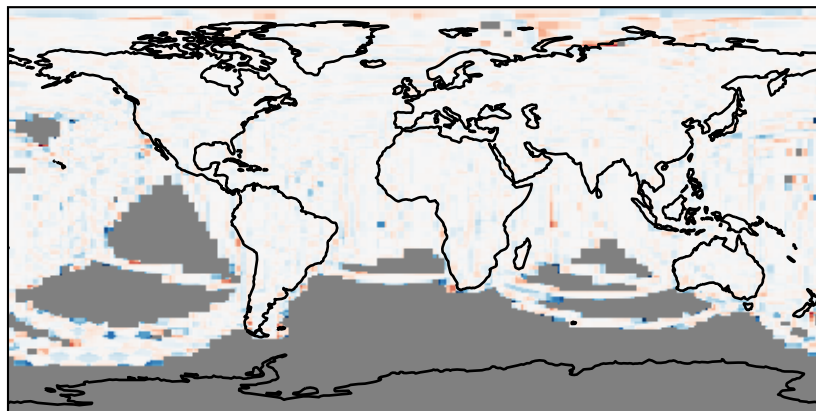
Difference (1x1.25)
Dev - Ref, Dynamic Range



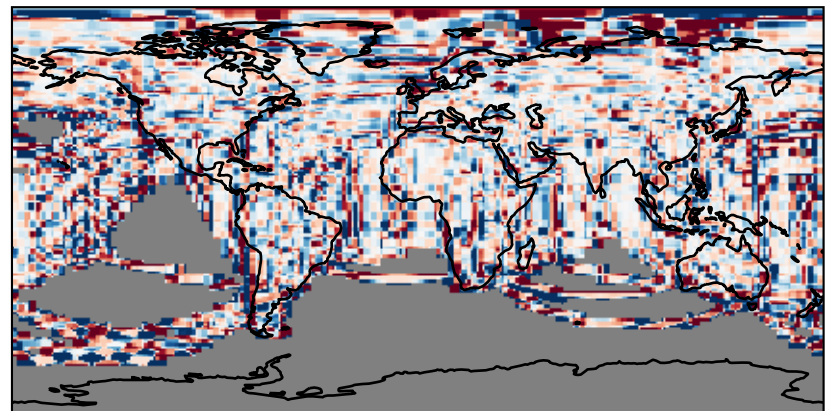
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

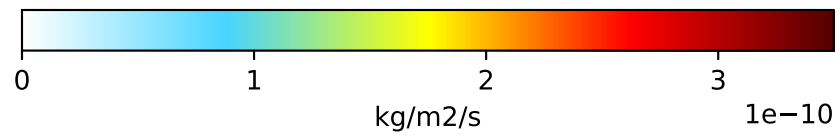
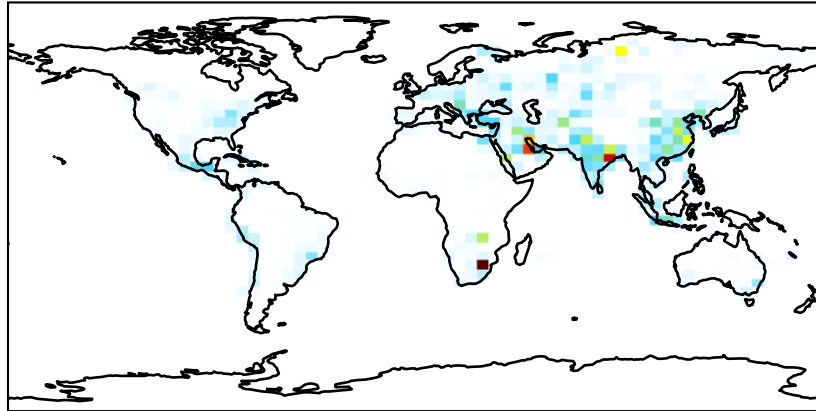


Ratio (1x1.25)
Dev/Ref, Fixed Range

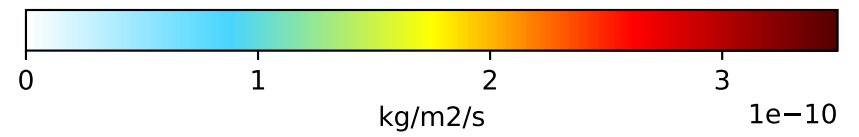
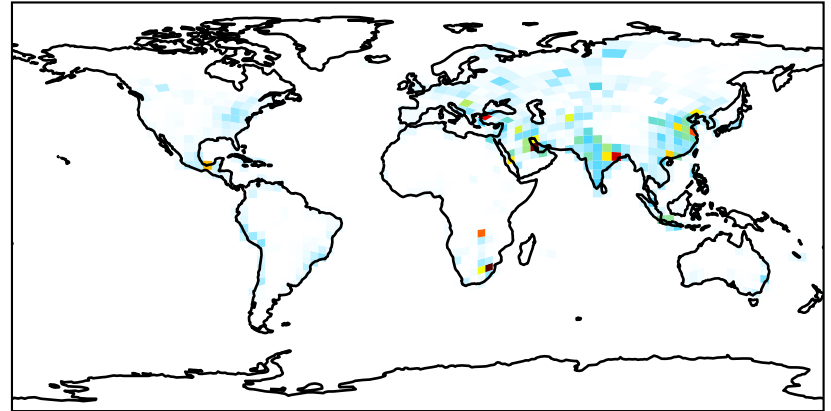


EmisSO2_Anthro

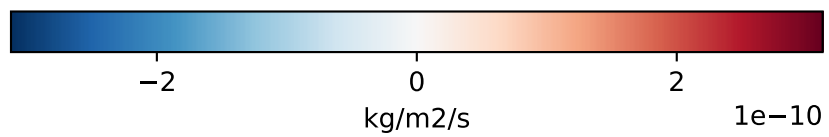
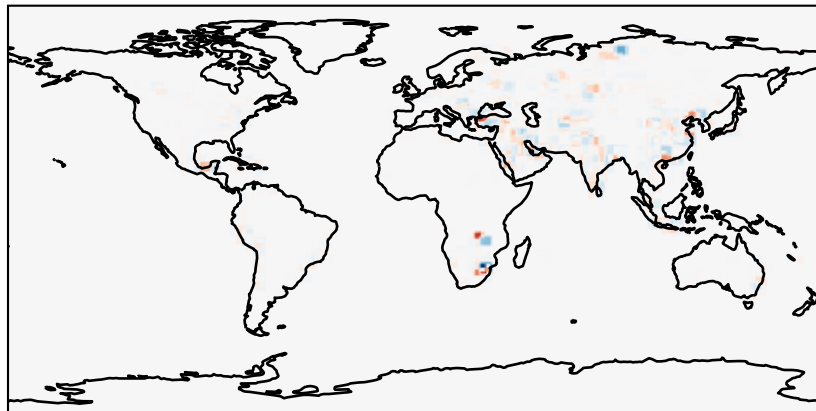
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



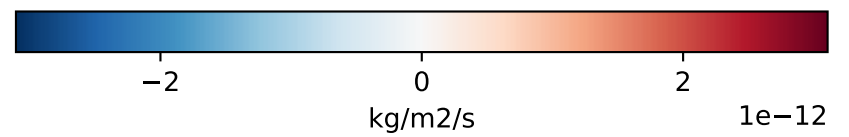
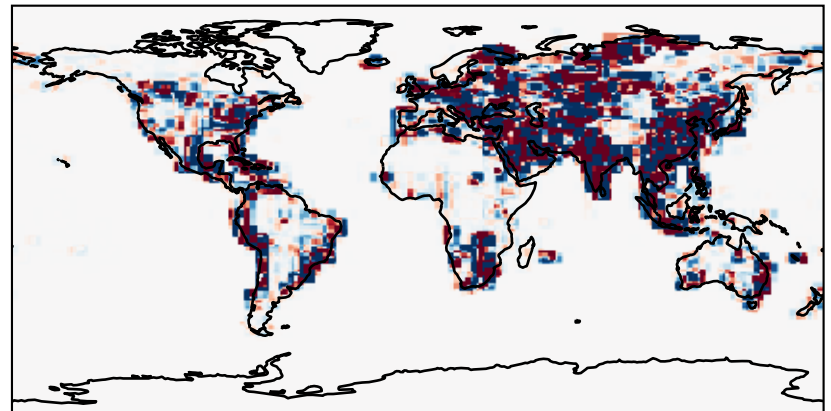
GCHP_14.2.0_GEOS-IT (Dev)
c24



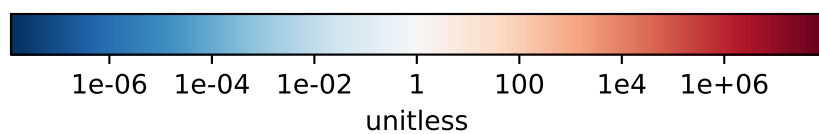
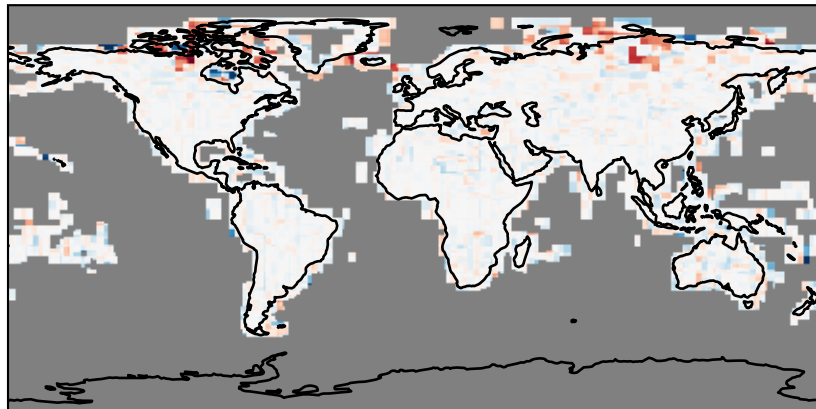
Difference (1x1.25)
Dev - Ref, Dynamic Range



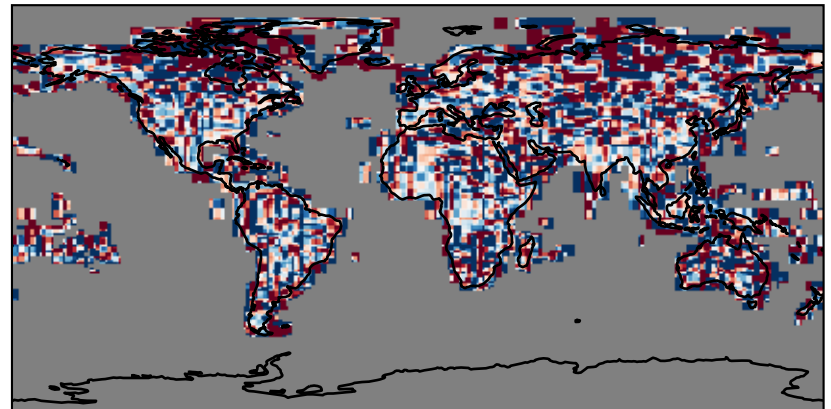
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

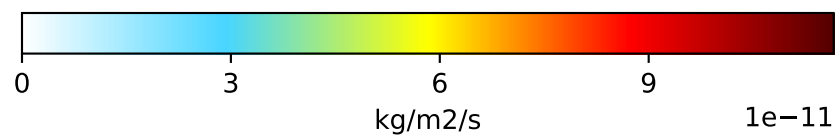
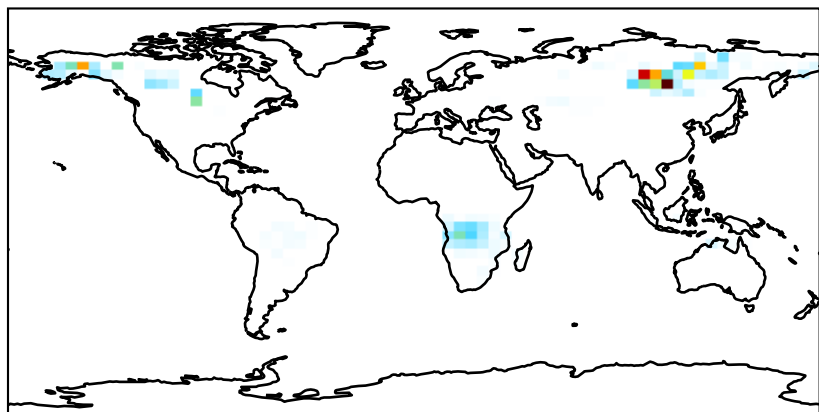


Ratio (1x1.25)
Dev/Ref, Fixed Range

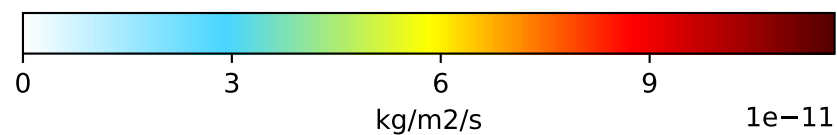
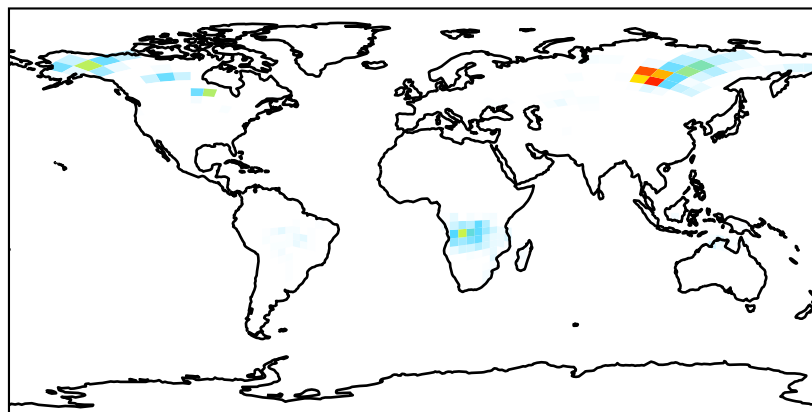


EmisSO2_BioBurn

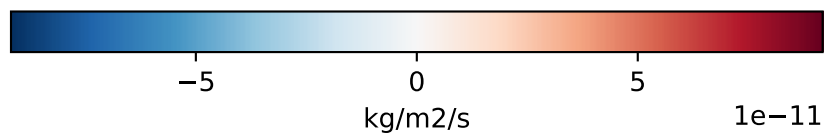
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



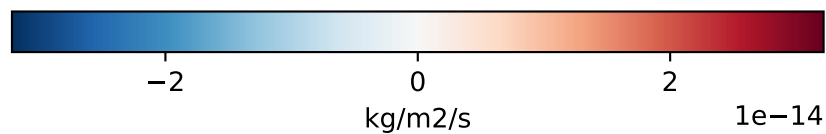
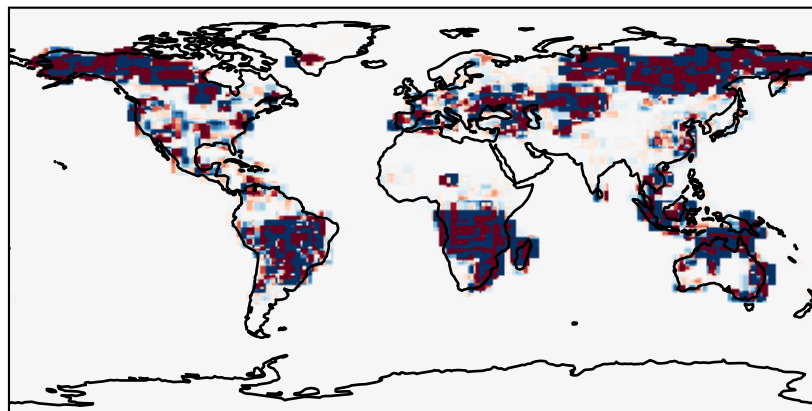
GCHP_14.2.0_GEOS-IT (Dev)
c24



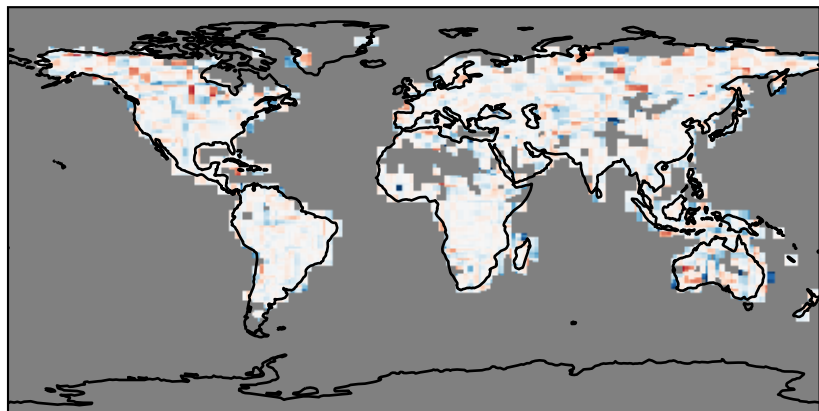
Difference (1x1.25)
Dev - Ref, Dynamic Range



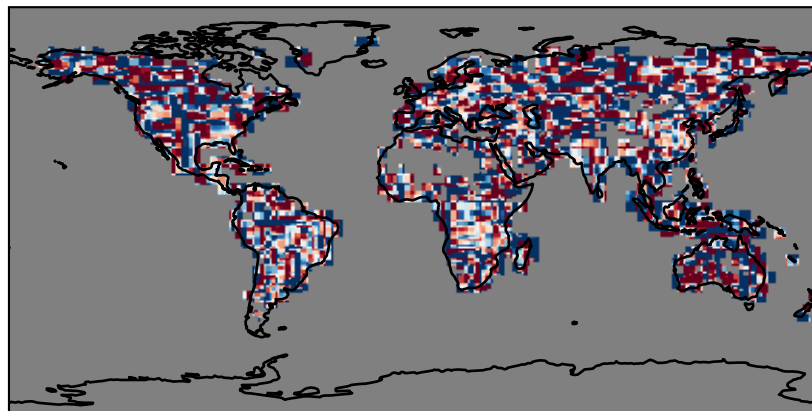
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

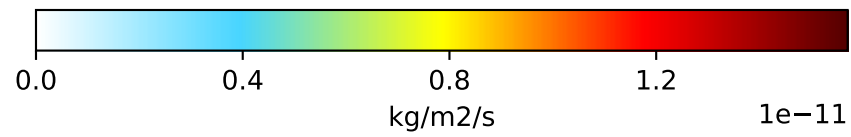
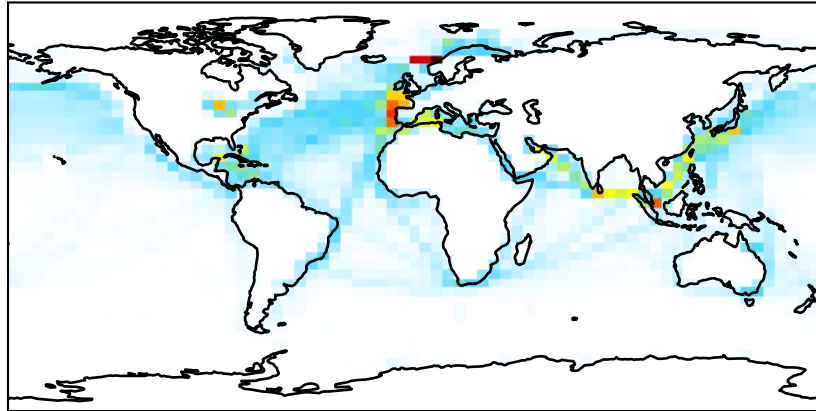


Ratio (1x1.25)
Dev/Ref, Fixed Range

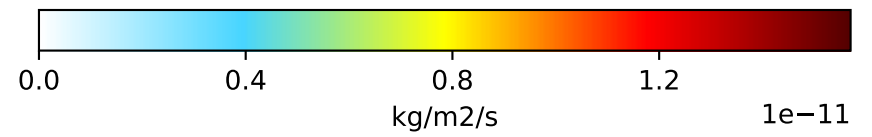
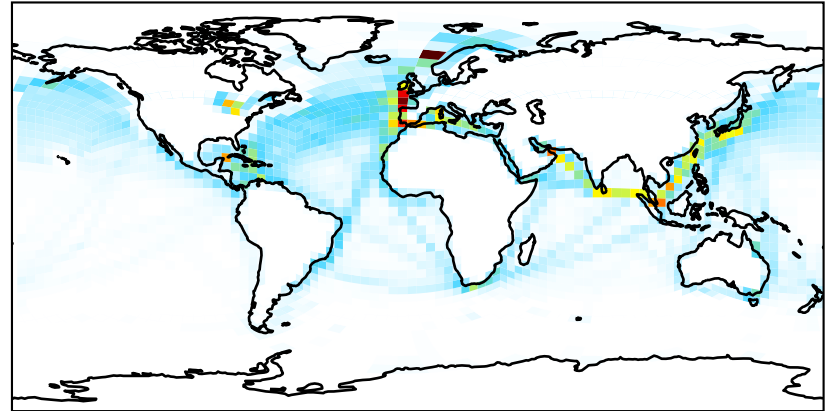


EmisSO2_Ship

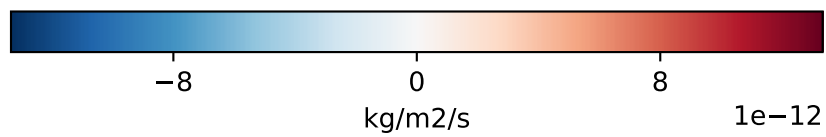
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



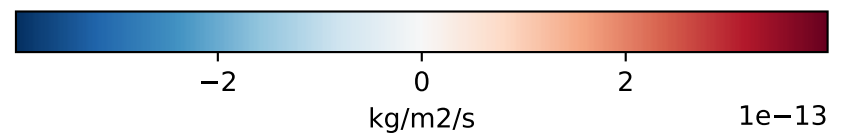
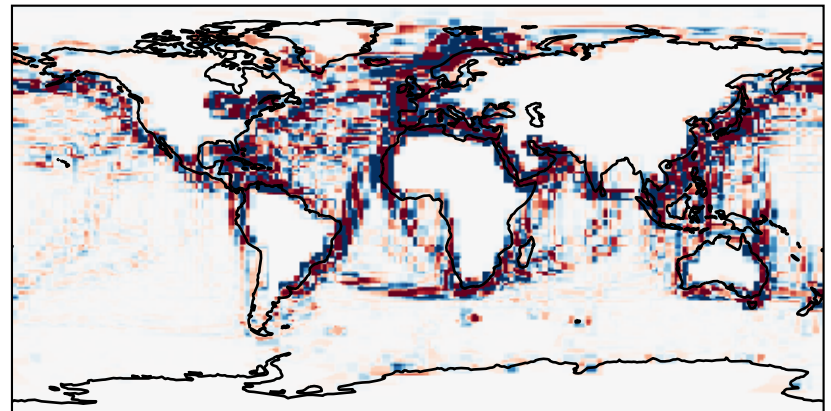
GCHP_14.2.0_GEOS-IT (Dev)
c24



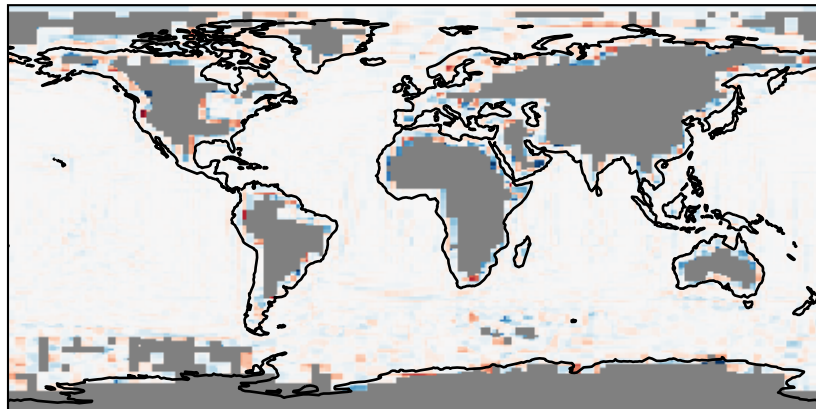
Difference (1x1.25)
Dev - Ref, Dynamic Range



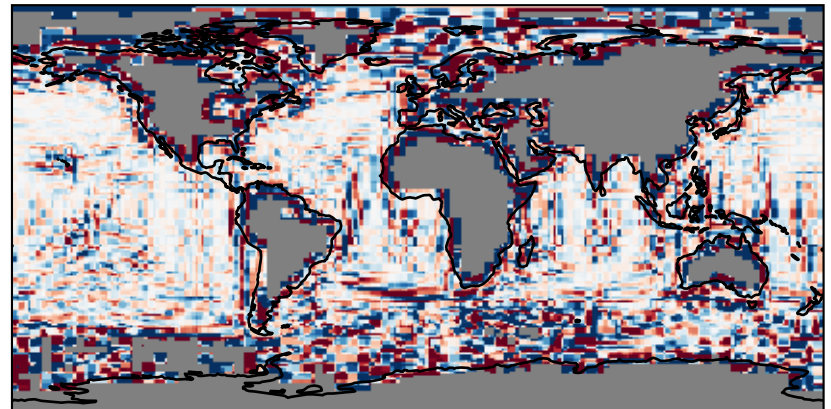
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

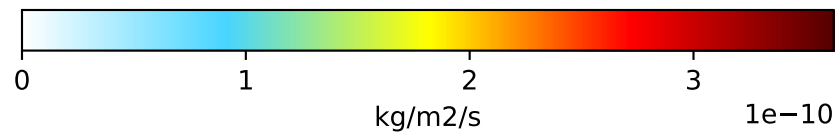
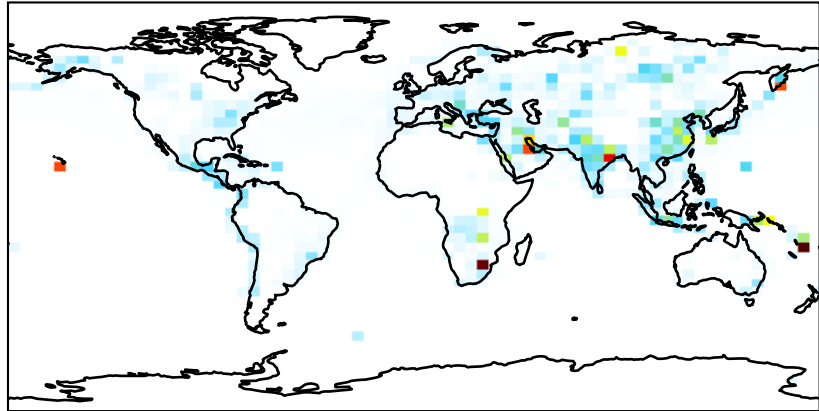


Ratio (1x1.25)
Dev/Ref, Fixed Range

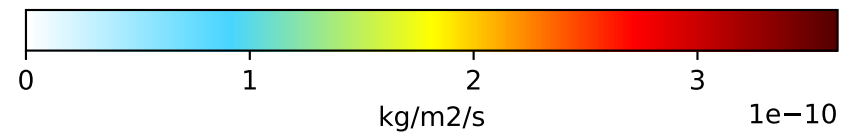
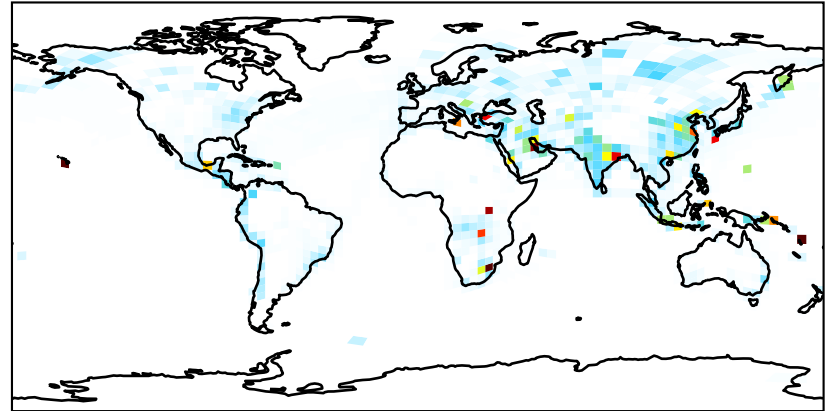


EmisSO2_Total

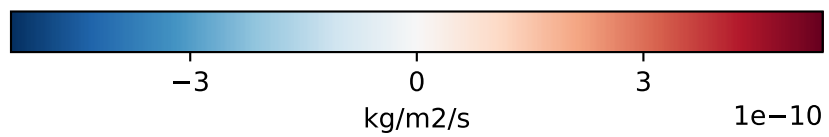
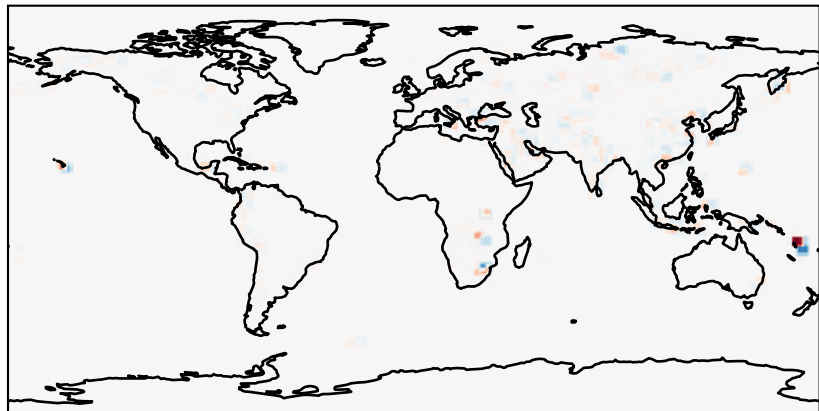
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



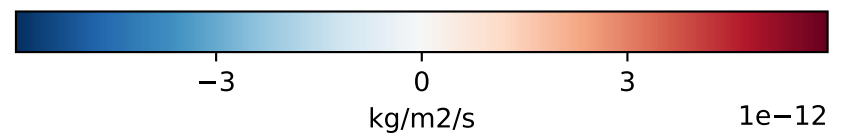
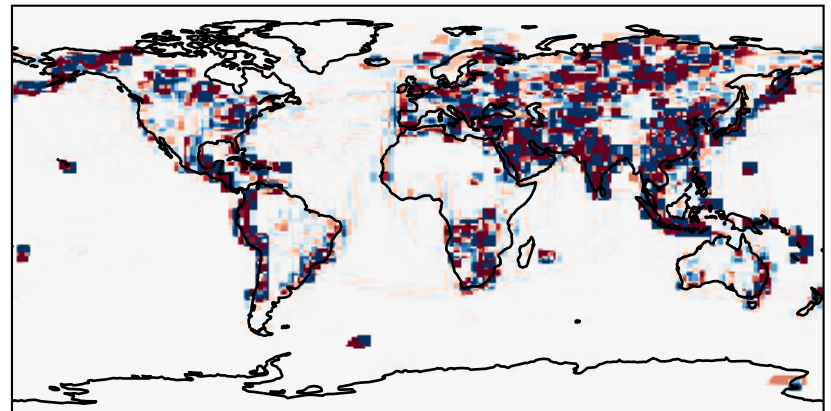
GCHP_14.2.0_GEOS-IT (Dev)
c24



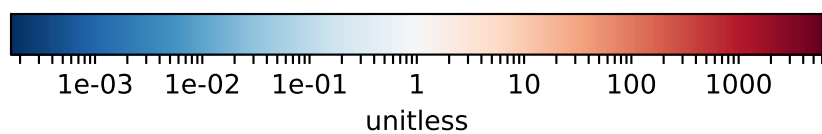
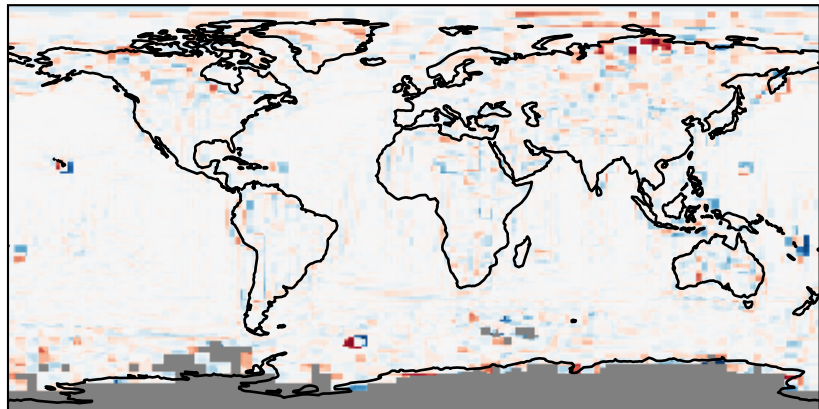
Difference (1x1.25)
Dev - Ref, Dynamic Range



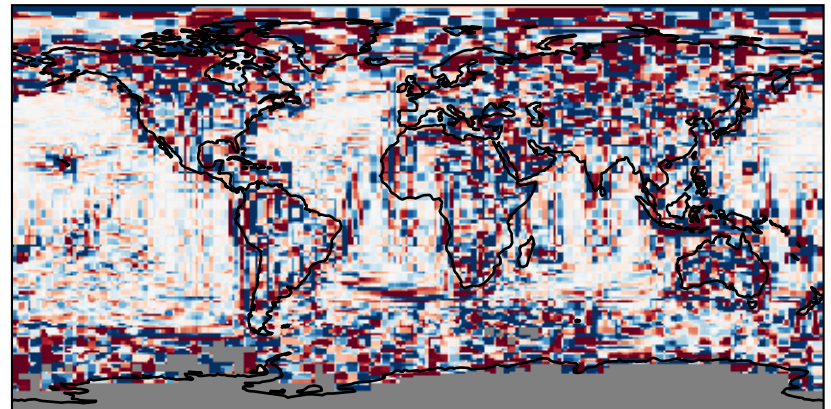
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

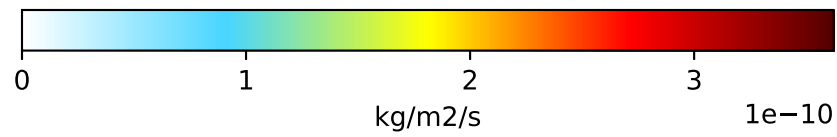


Ratio (1x1.25)
Dev/Ref, Fixed Range

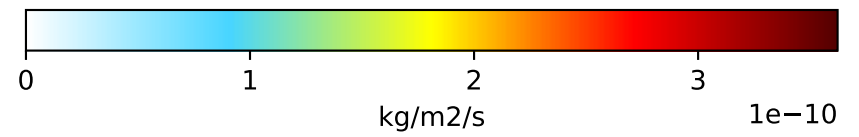
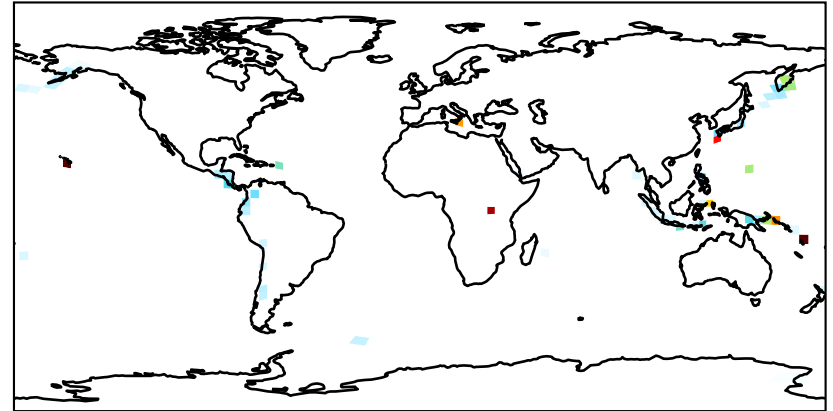


EmisSO2_VolcDegas

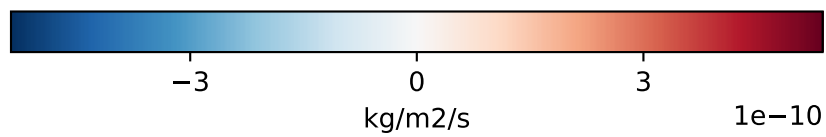
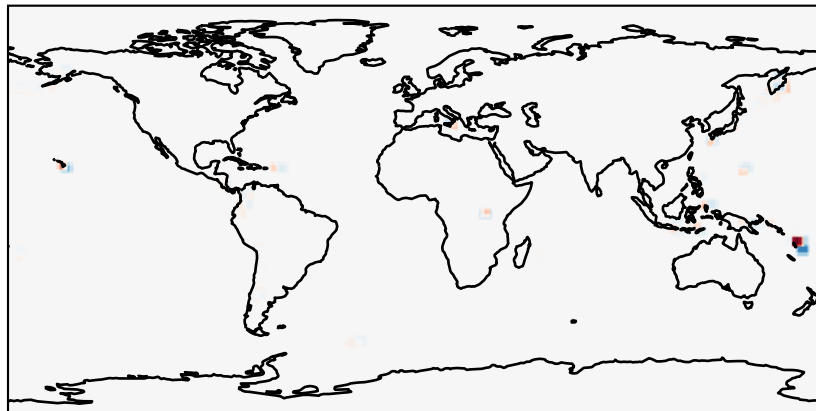
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



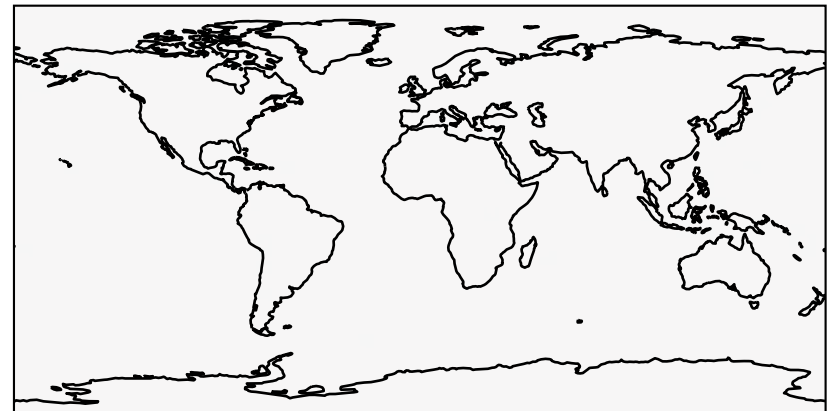
GCHP_14.2.0_GEOS-IT (Dev)
c24



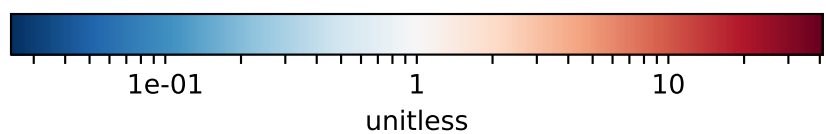
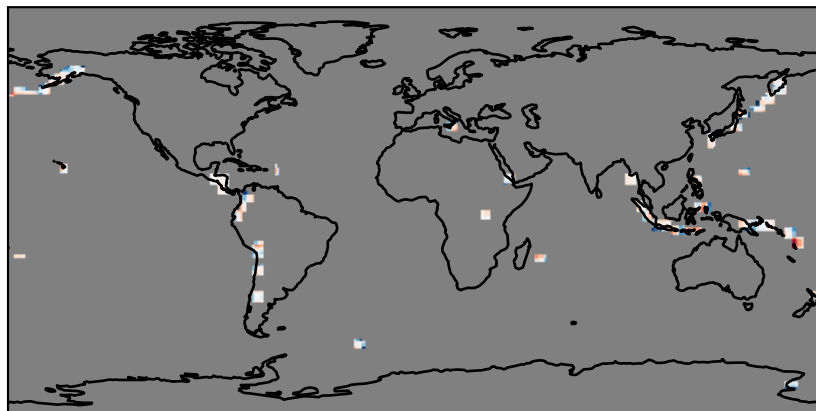
Difference (1x1.25)
Dev - Ref, Dynamic Range



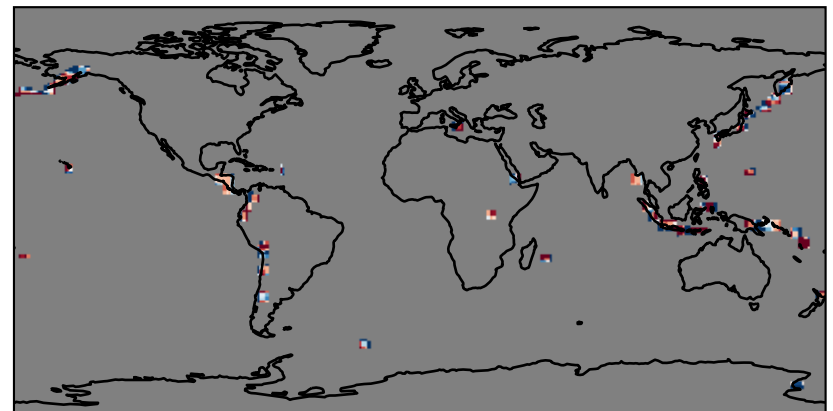
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



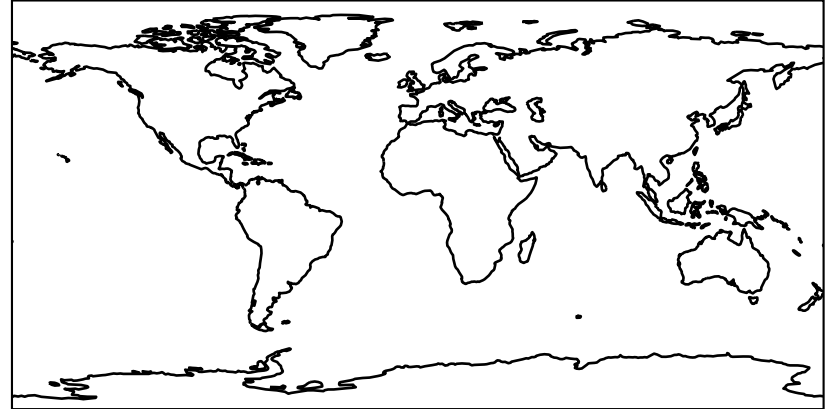
EmisSO2_VolcErupt

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



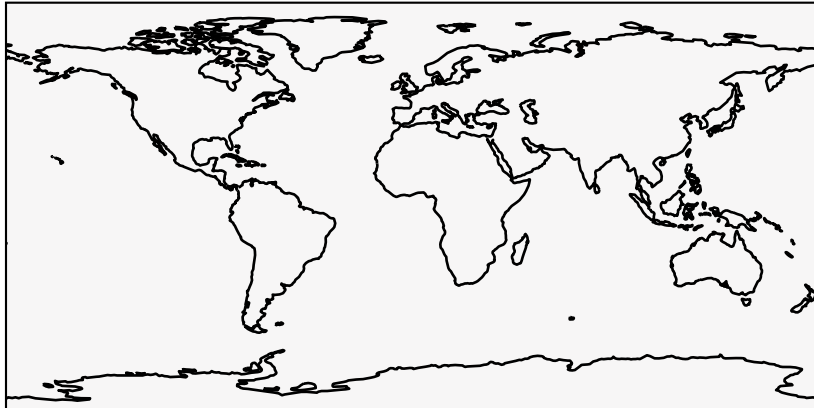
Zero throughout domain
kg/m2/s

GCHP_14.2.0_GEOS-IT (Dev)
c24



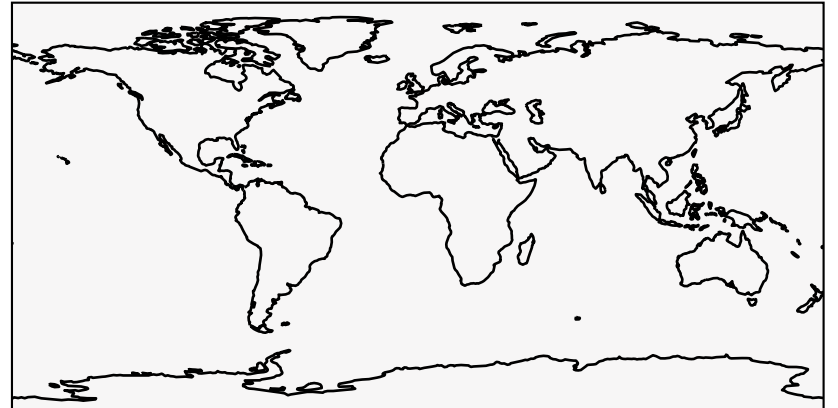
Zero throughout domain
kg/m2/s

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



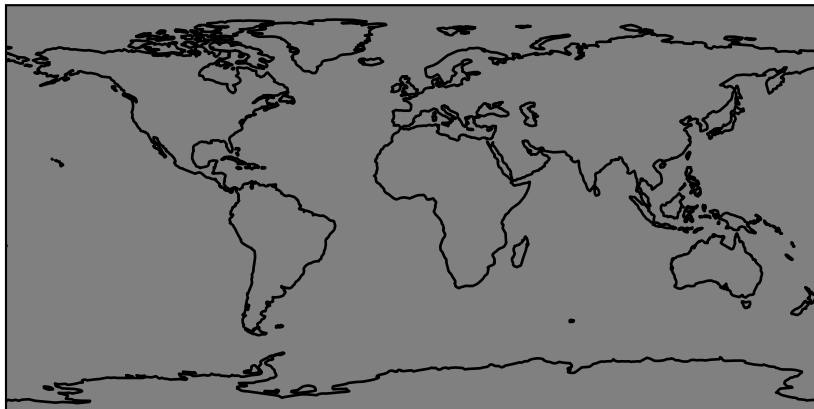
Zero throughout domain
kg/m2/s

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



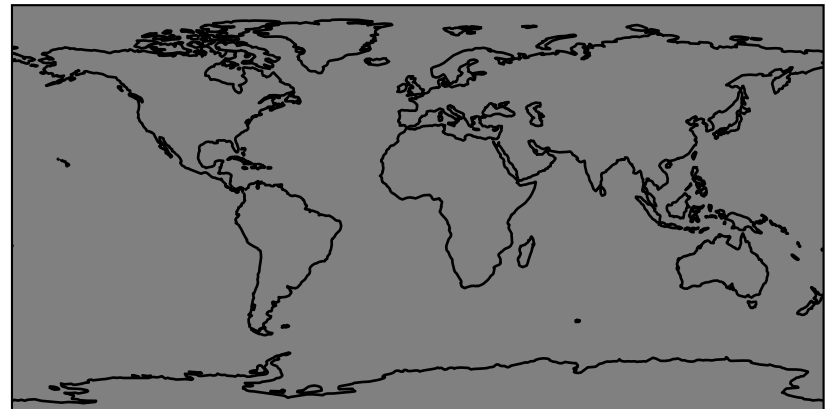
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

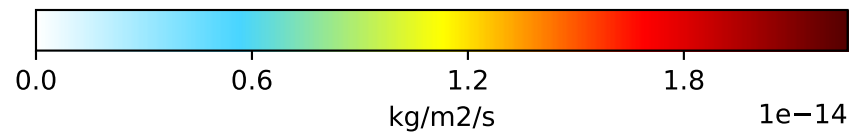
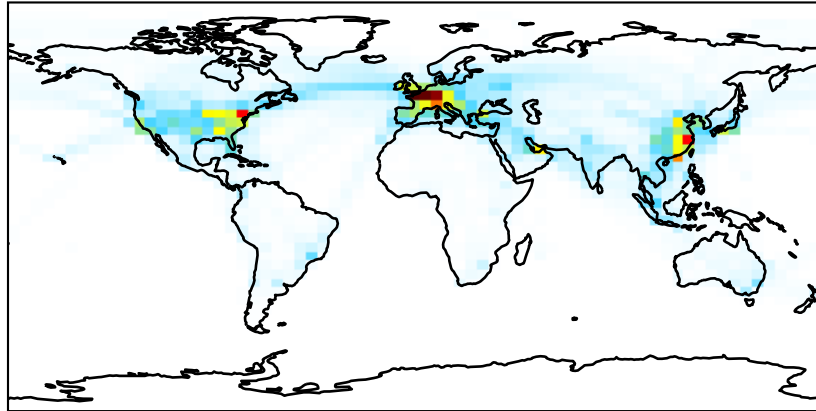
Ratio (1x1.25)
Dev/Ref, Fixed Range



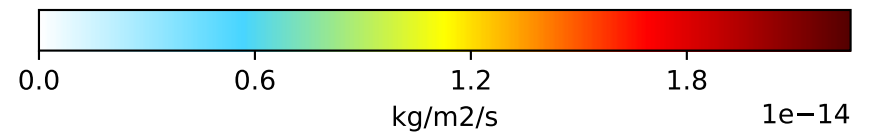
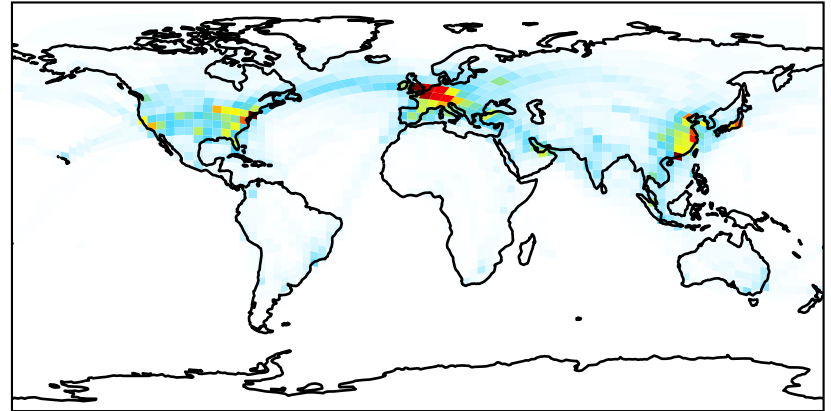
Undefined throughout domain
unitless

EmisSO4_Aircraft

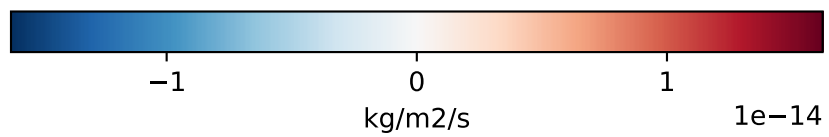
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



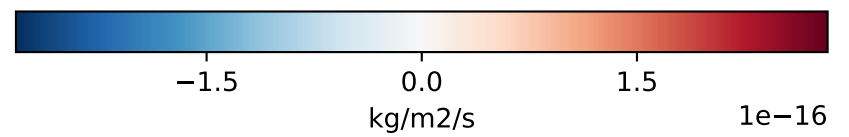
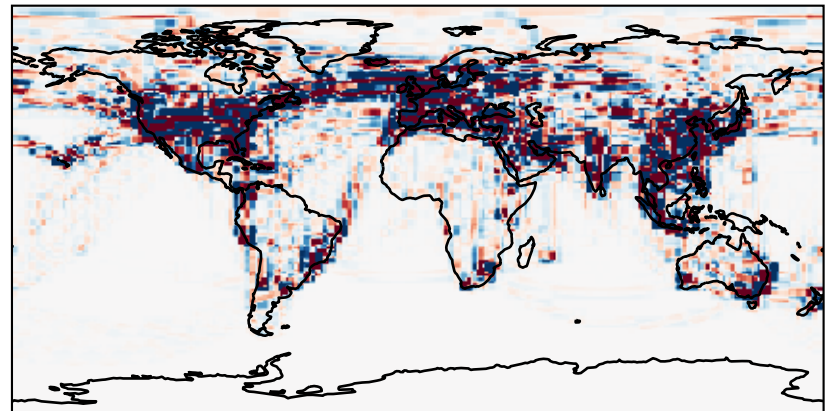
GCHP_14.2.0_GEOS-IT (Dev)
c24



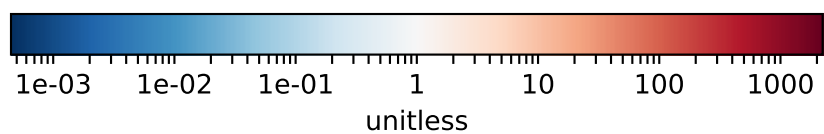
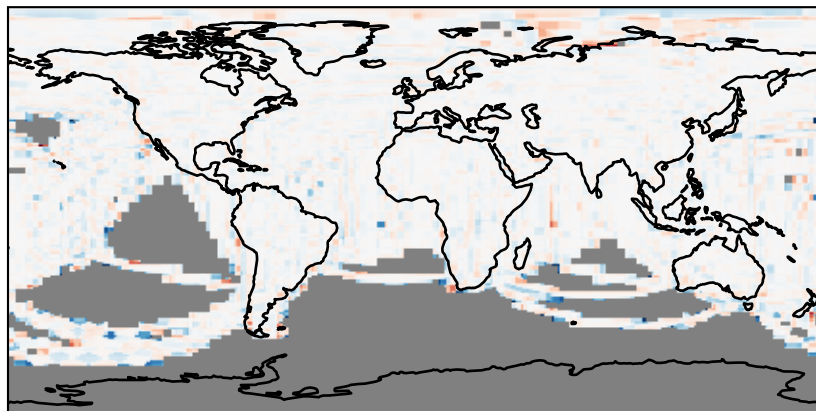
Difference (1x1.25)
Dev - Ref, Dynamic Range



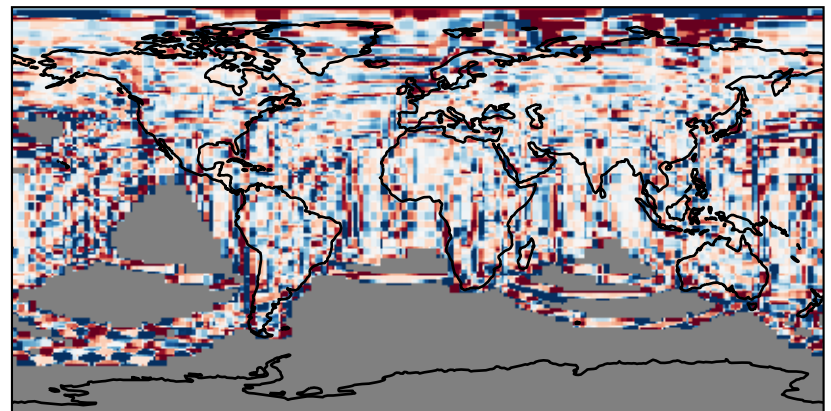
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

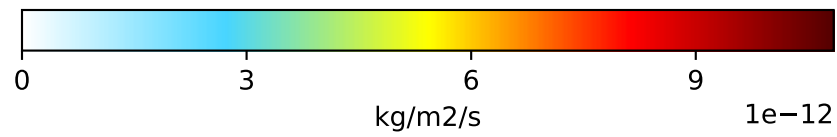
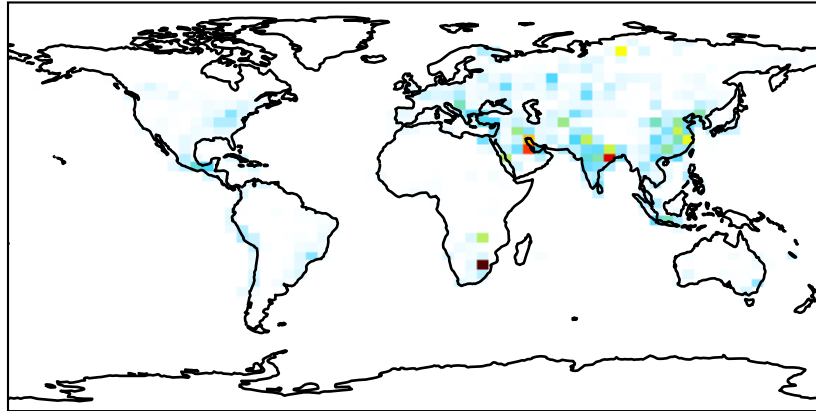


Ratio (1x1.25)
Dev/Ref, Fixed Range

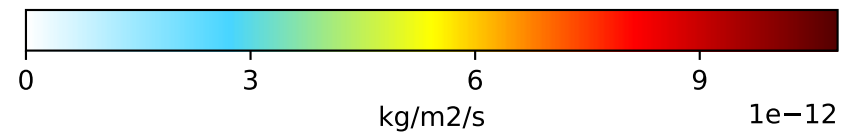
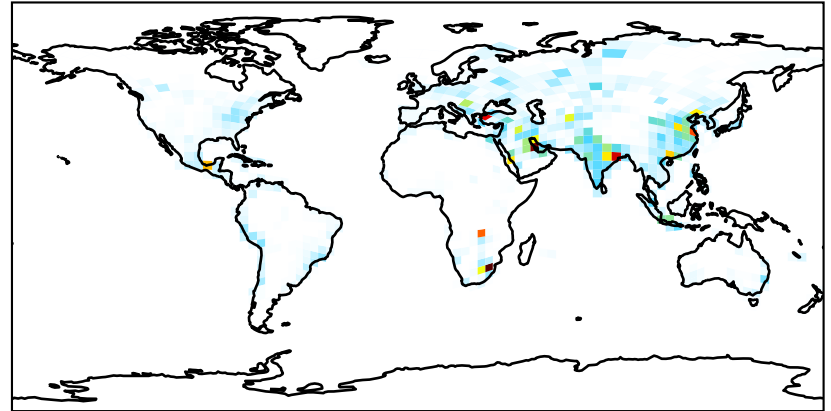


EmisSO4_Anthro

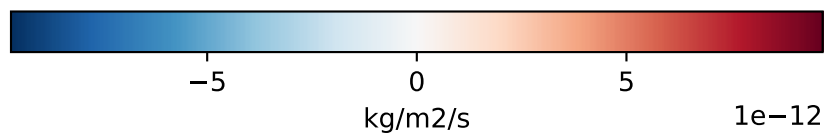
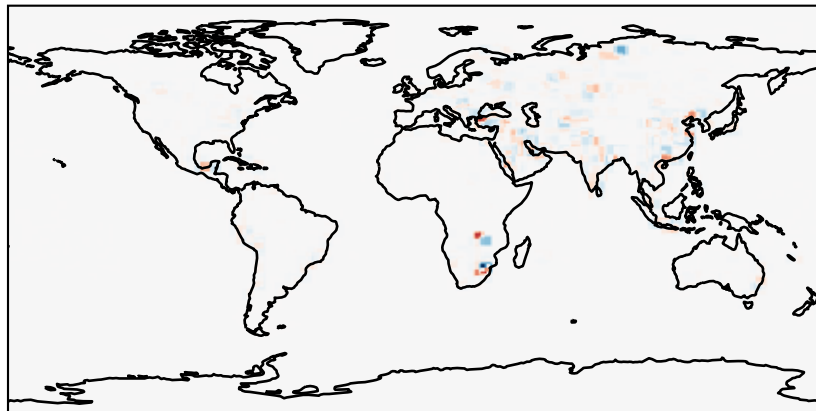
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



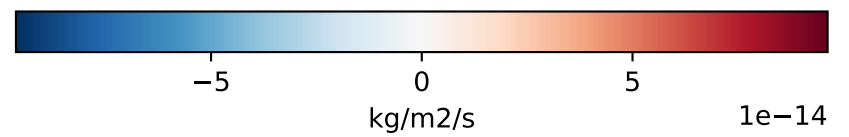
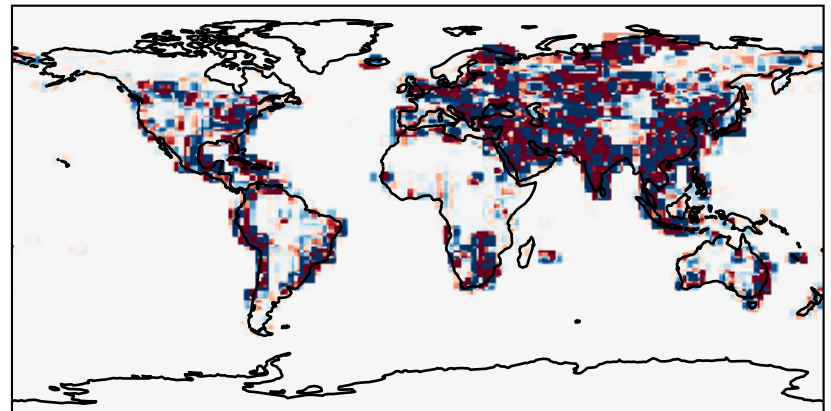
GCHP_14.2.0_GEOS-IT (Dev)
c24



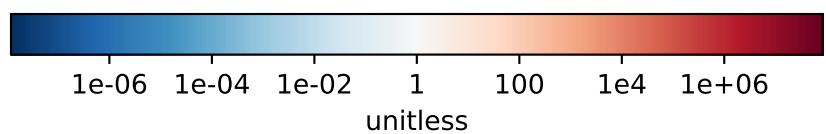
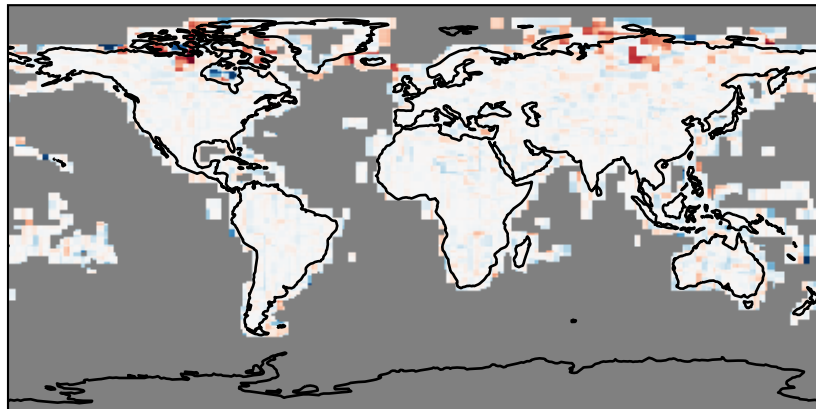
Difference (1x1.25)
Dev - Ref, Dynamic Range



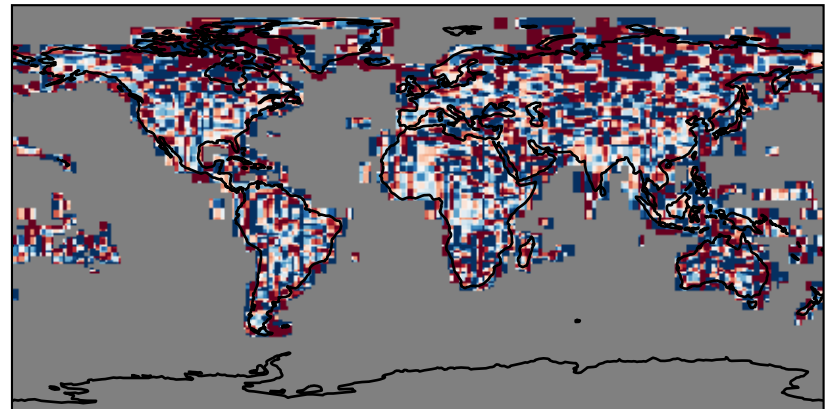
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

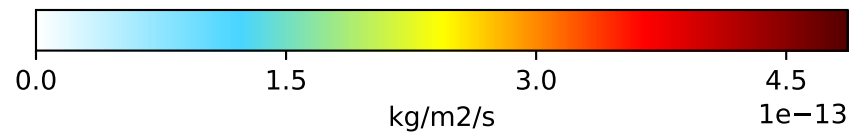
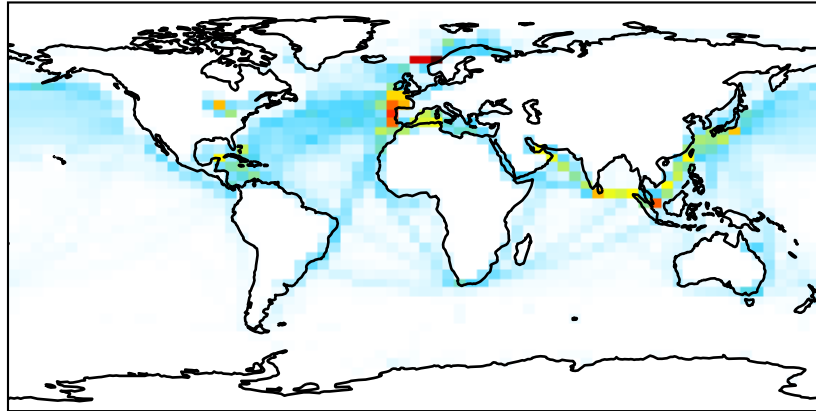


Ratio (1x1.25)
Dev/Ref, Fixed Range

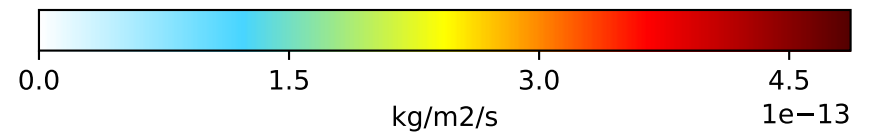
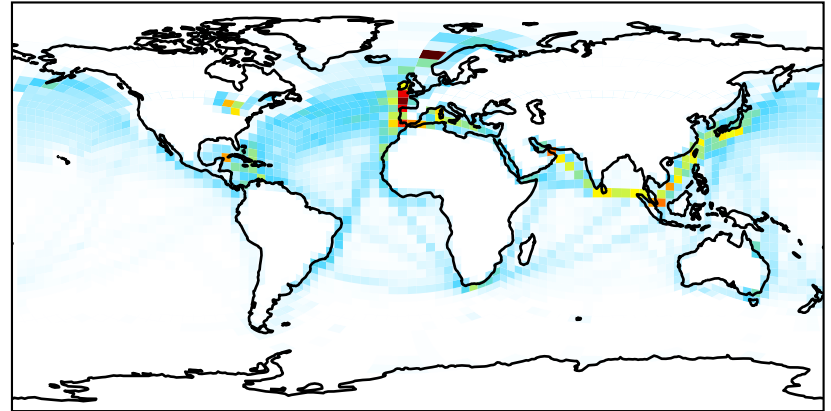


EmisSO4_Ship

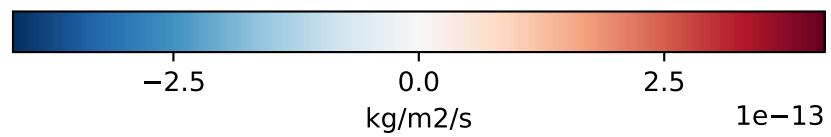
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



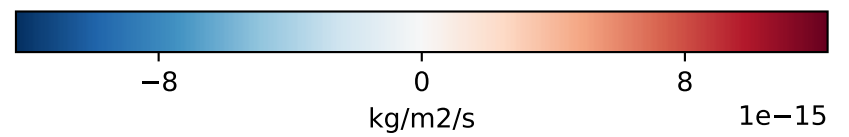
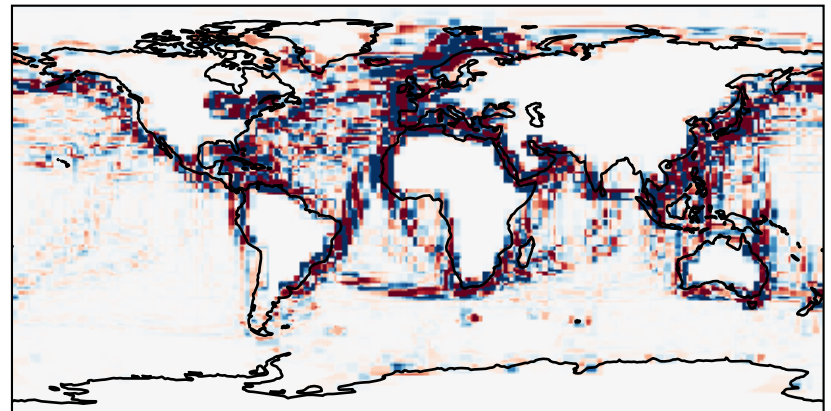
GCHP_14.2.0_GEOS-IT (Dev)
c24



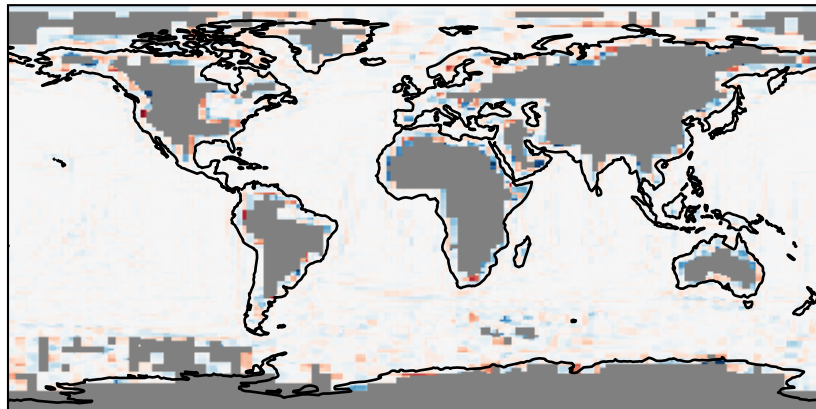
Difference (1x1.25)
Dev - Ref, Dynamic Range



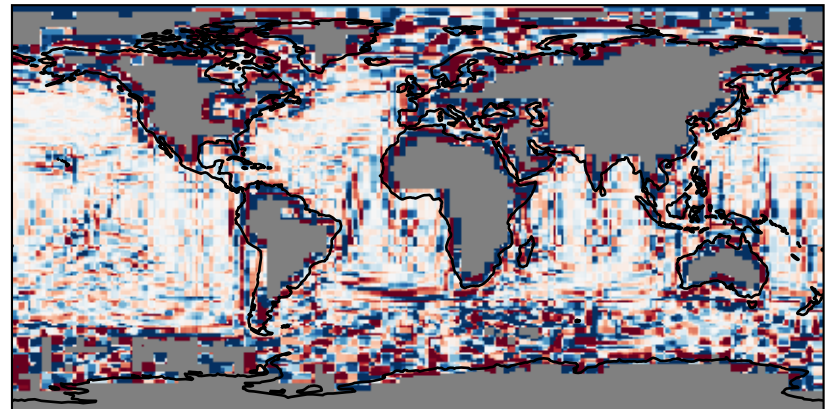
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

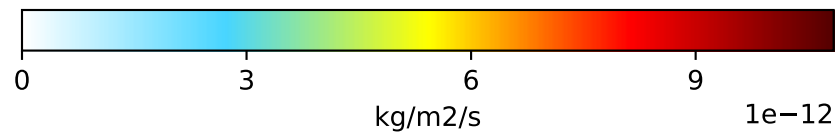
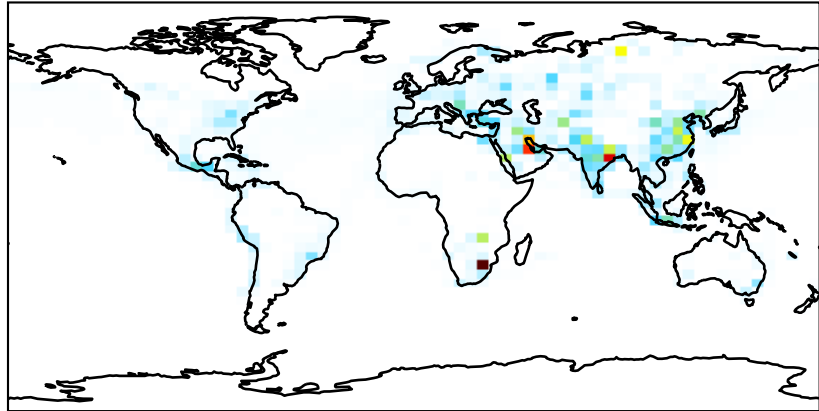


Ratio (1x1.25)
Dev/Ref, Fixed Range

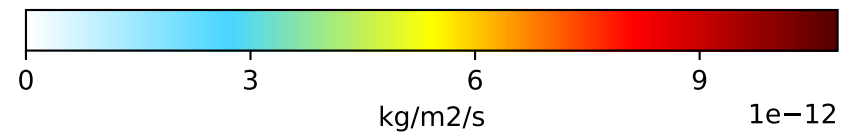
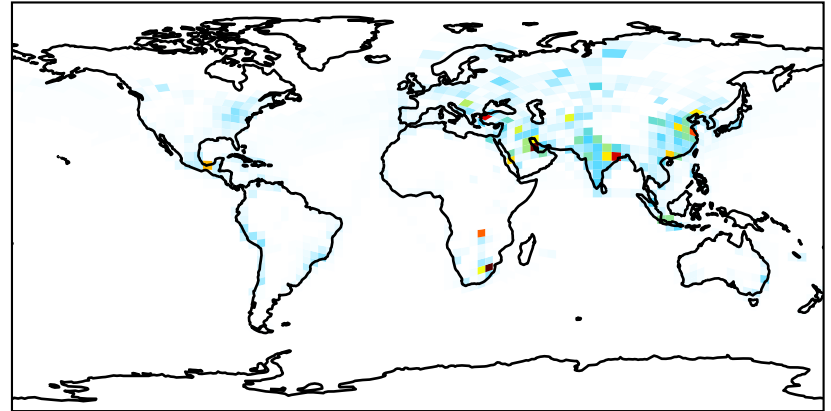


EmisSO4_Total

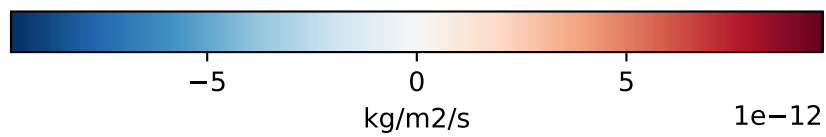
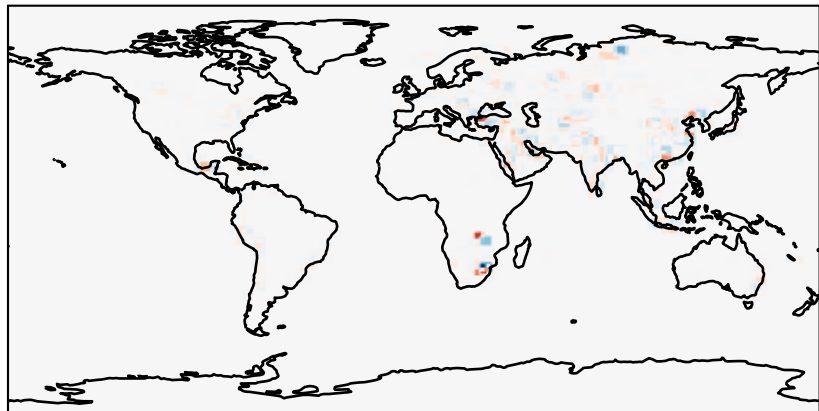
GCC_14.2.0_GEOS-IT (Ref)
4.0x5.0



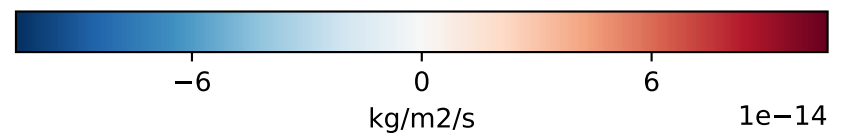
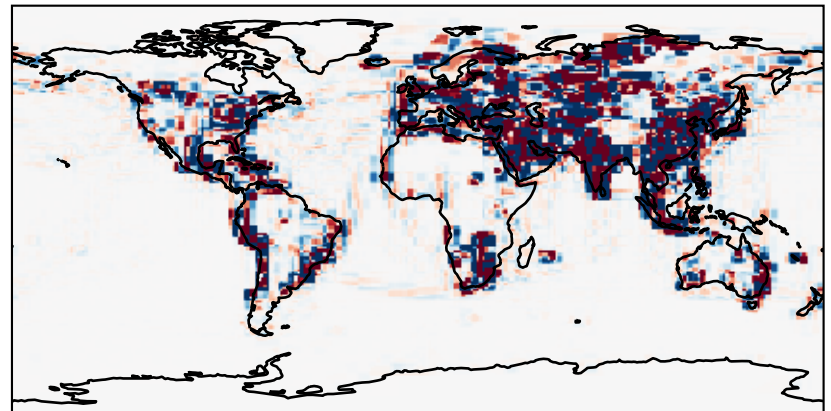
GCHP_14.2.0_GEOS-IT (Dev)
c24



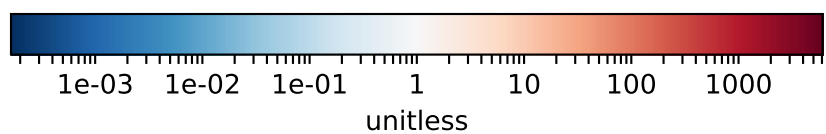
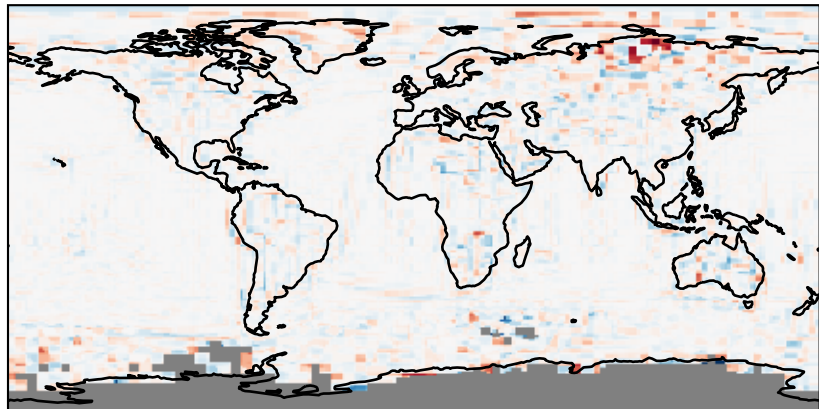
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

