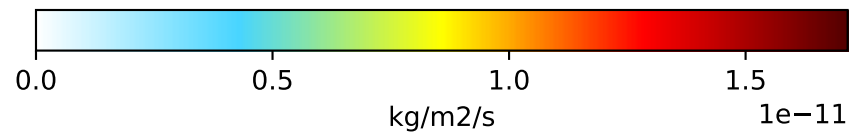
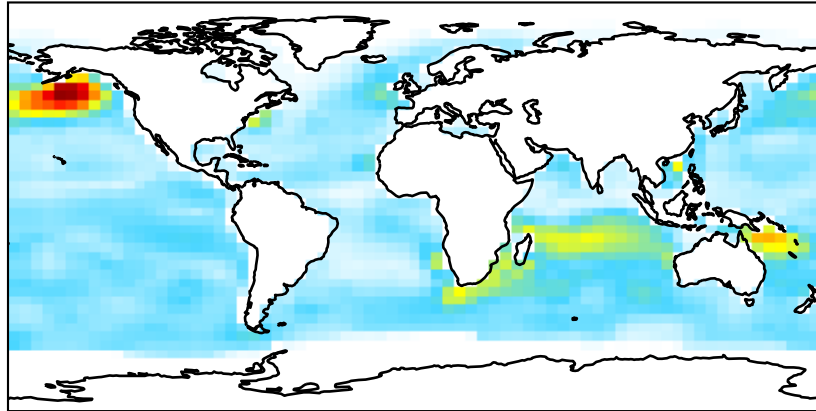
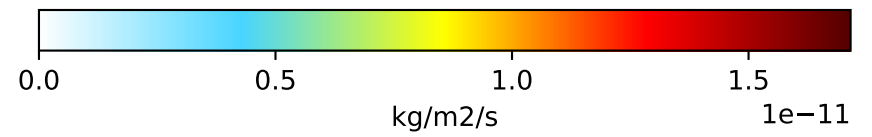
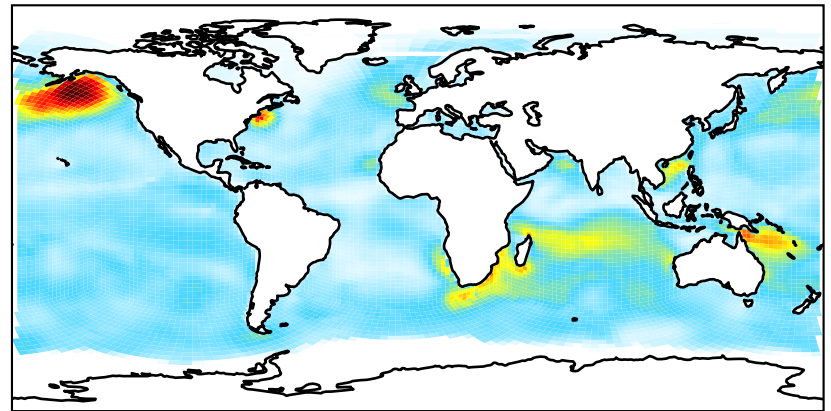


EmisDMS_Ocean (Oct2019)

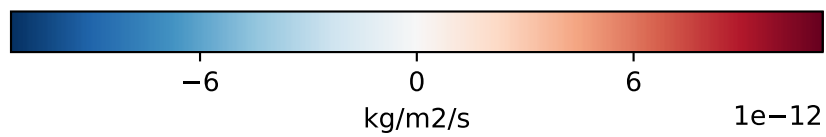
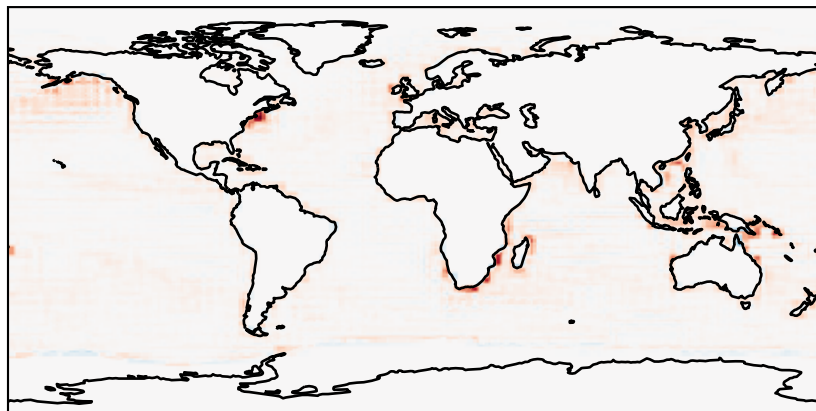
GCC_13.0.0-rc.0 (Ref)
4.0x5.0



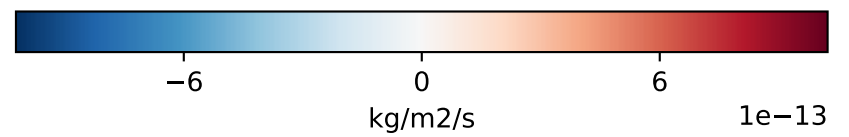
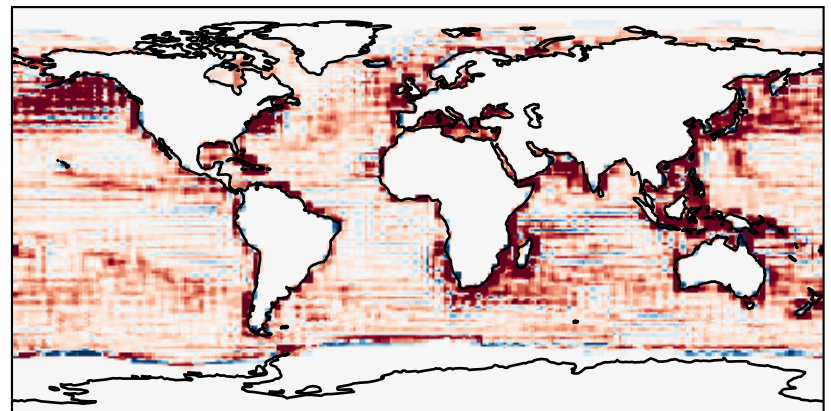
GCHP_13.0.0-rc.0 (Dev)
c48



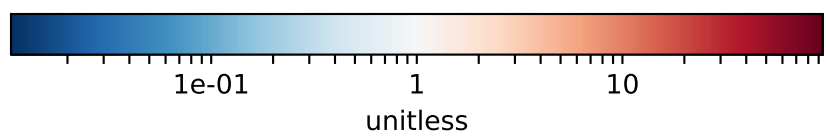
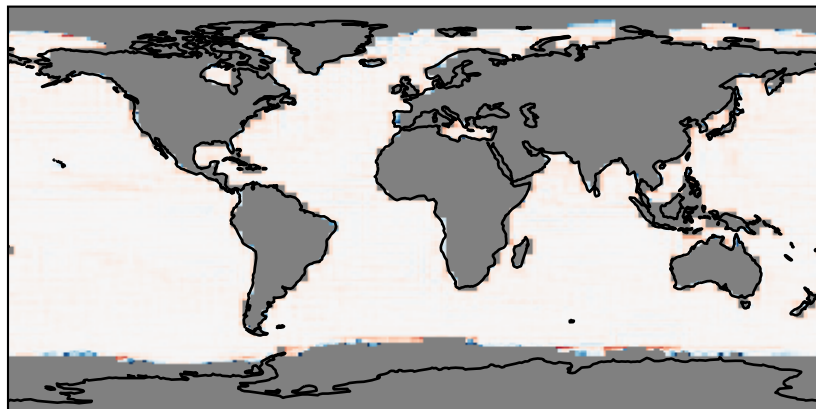
Difference (1x1.25)
Dev - Ref, Dynamic Range



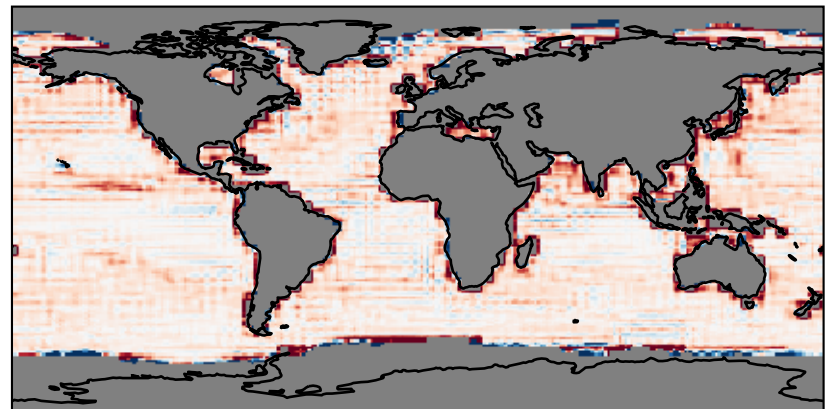
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

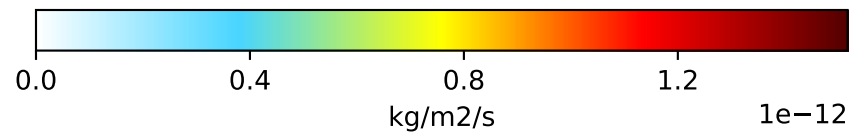
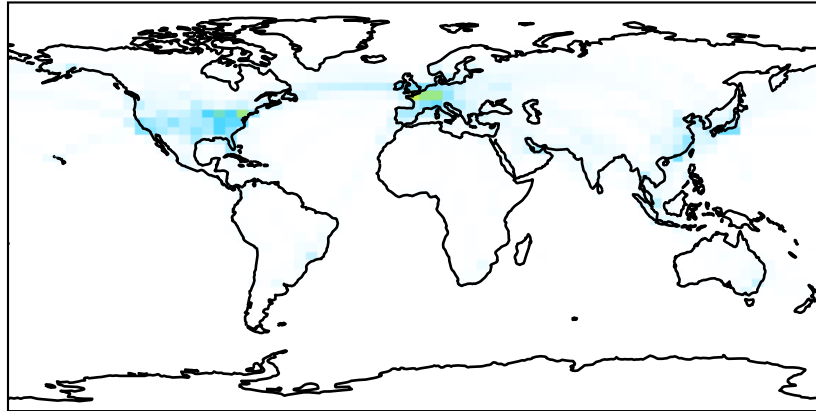


Ratio (1x1.25)
Dev/Ref, Fixed Range

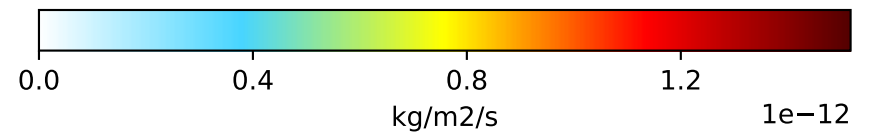
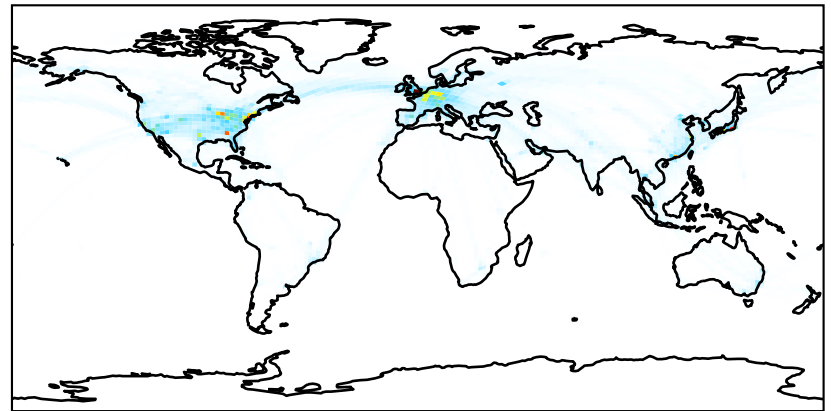


EmisSO2_Aircraft (Oct2019)

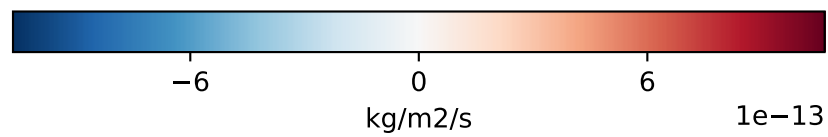
GCC_13.0.0-rc.0 (Ref)
4.0x5.0



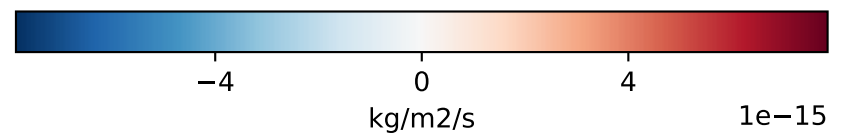
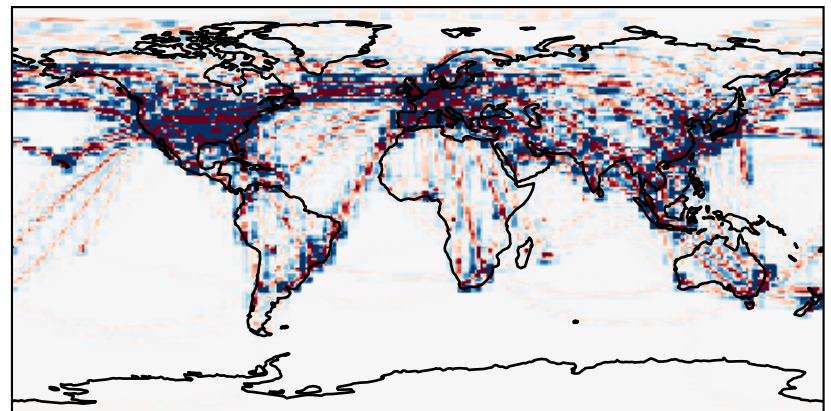
GCHP_13.0.0-rc.0 (Dev)
c48



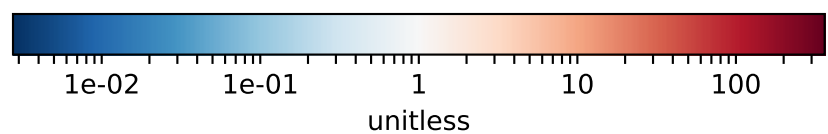
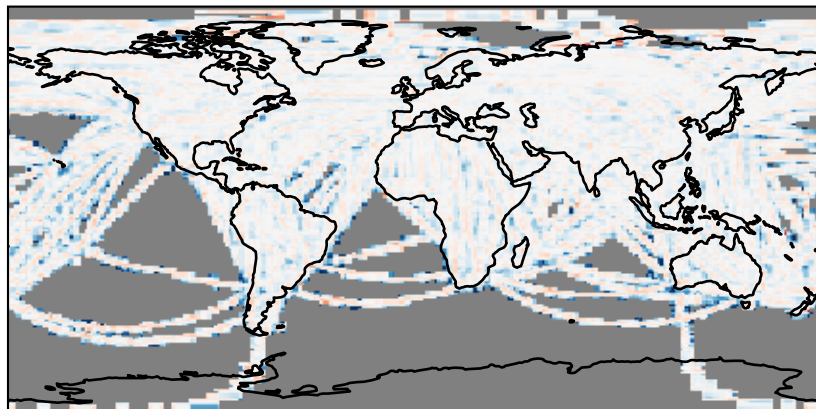
Difference (1x1.25)
Dev - Ref, Dynamic Range



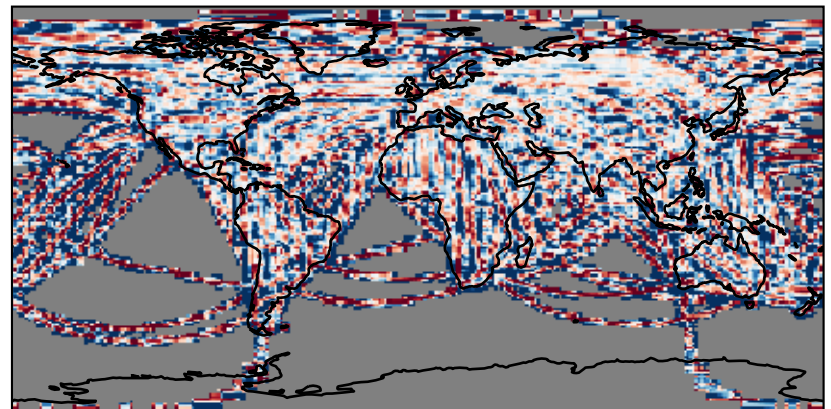
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

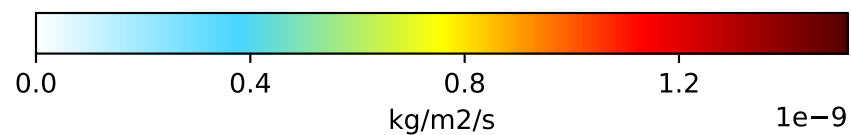
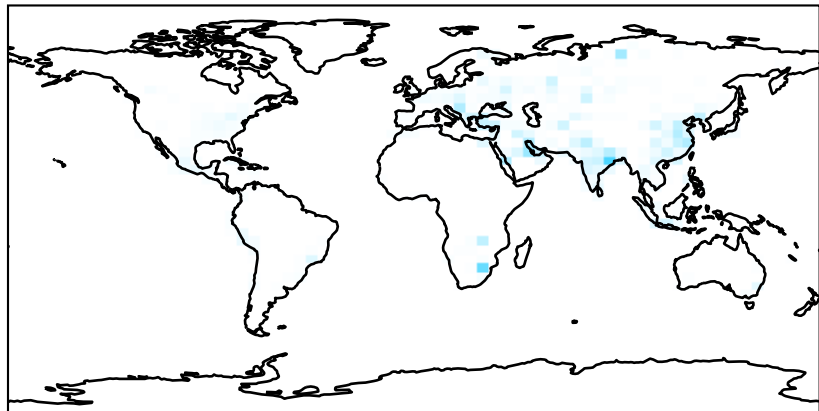


Ratio (1x1.25)
Dev/Ref, Fixed Range

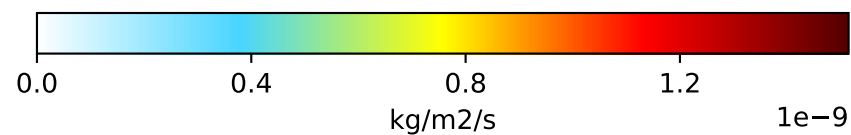
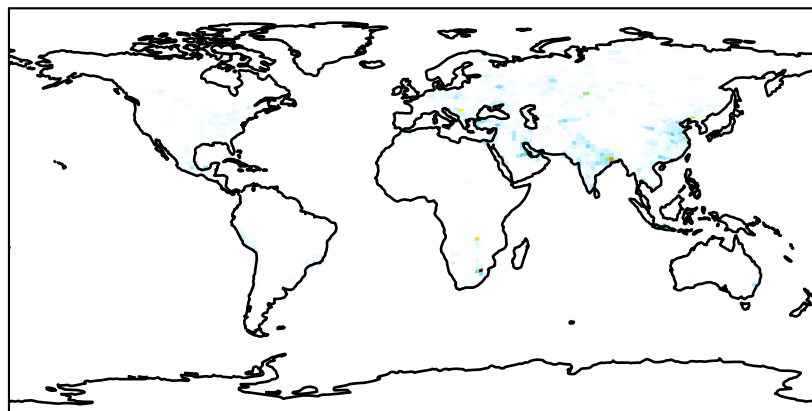


EmisSO2_Anthro (Oct2019)

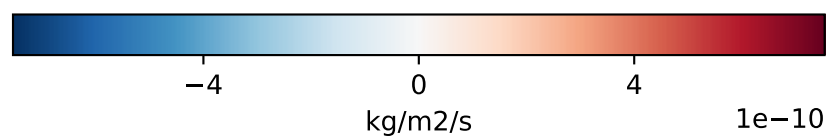
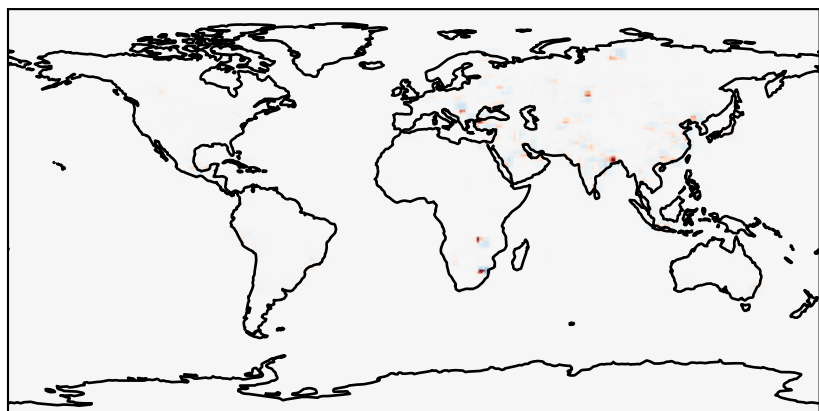
GCC_13.0.0-rc.0 (Ref)
4.0x5.0



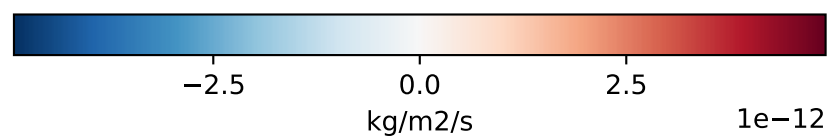
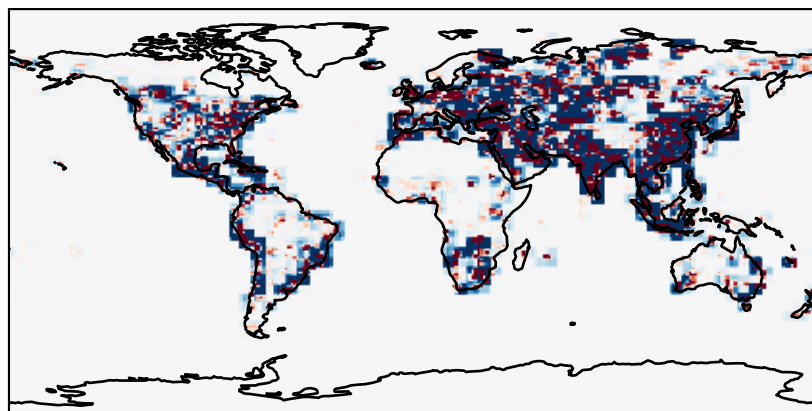
GCHP_13.0.0-rc.0 (Dev)
c48



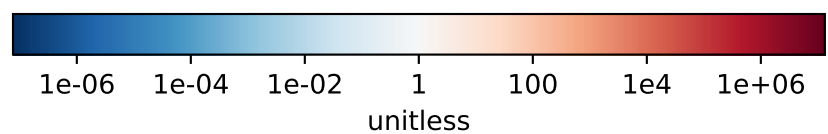
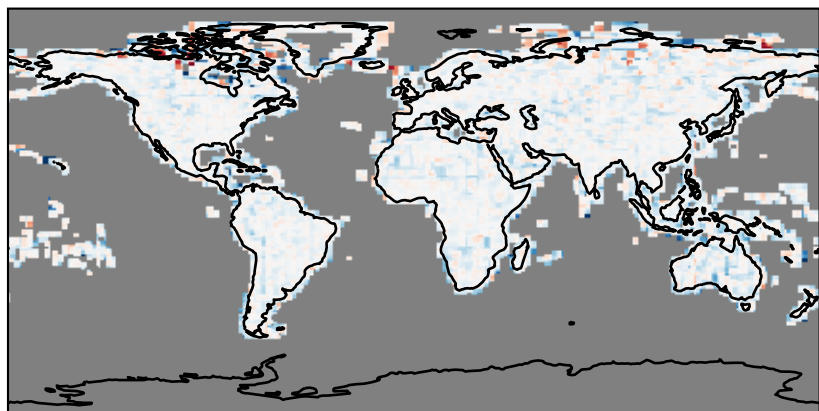
Difference (1x1.25)
Dev - Ref, Dynamic Range



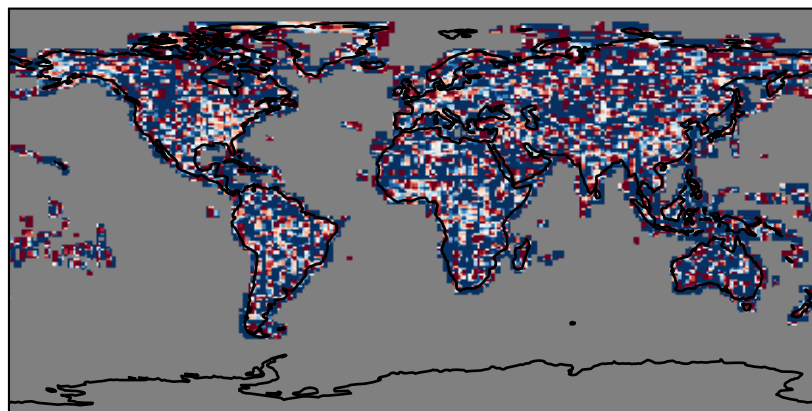
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

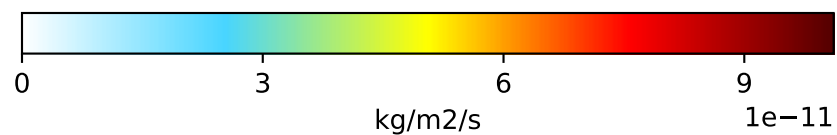
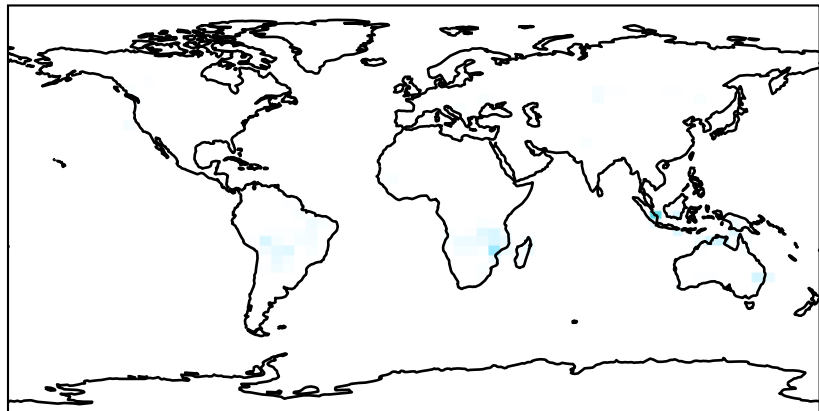


Ratio (1x1.25)
Dev/Ref, Fixed Range

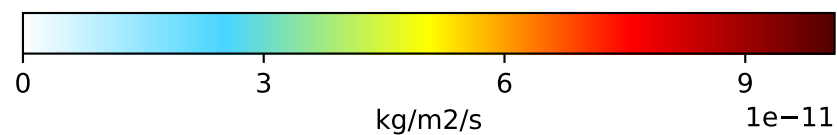
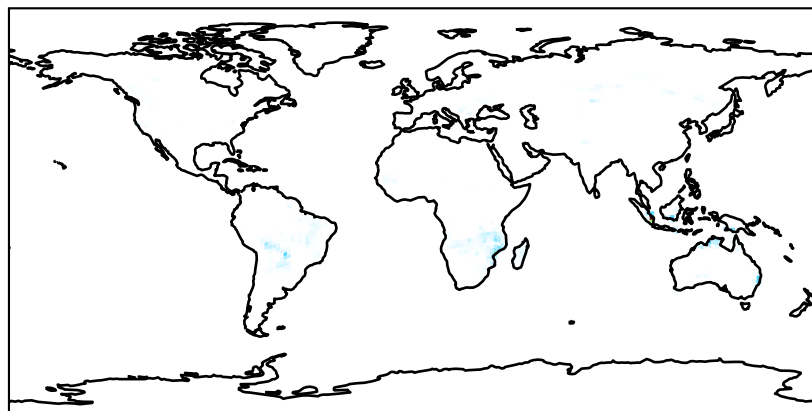


EmisSO2_BioBurn (Oct2019)

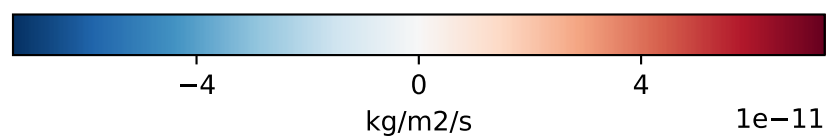
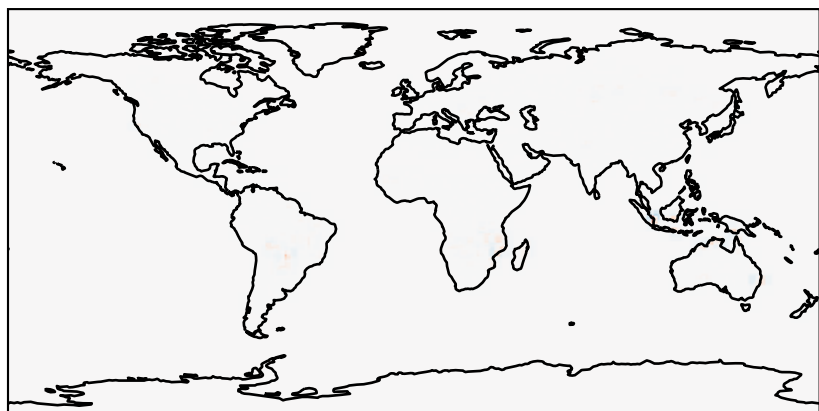
GCC_13.0.0-rc.0 (Ref)
4.0x5.0



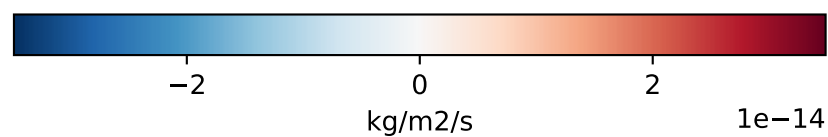
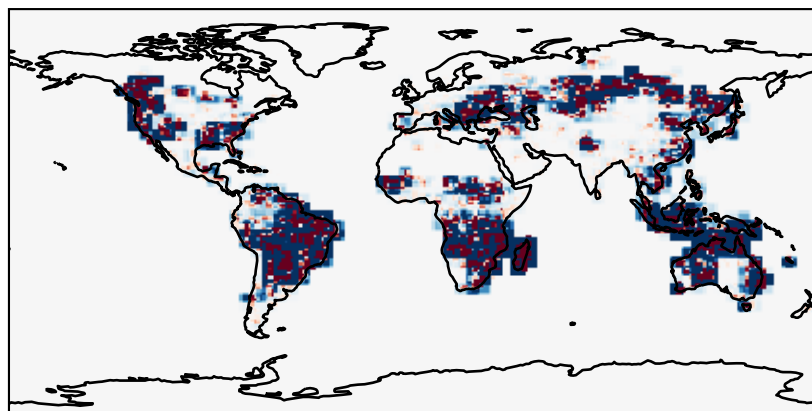
GCHP_13.0.0-rc.0 (Dev)
c48



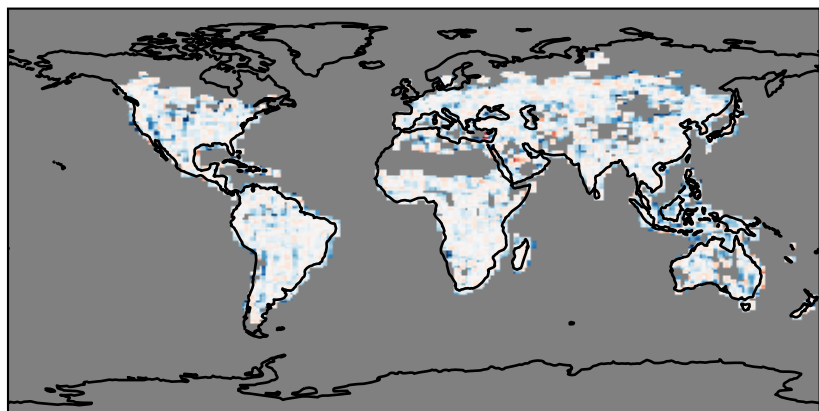
Difference (1x1.25)
Dev - Ref, Dynamic Range



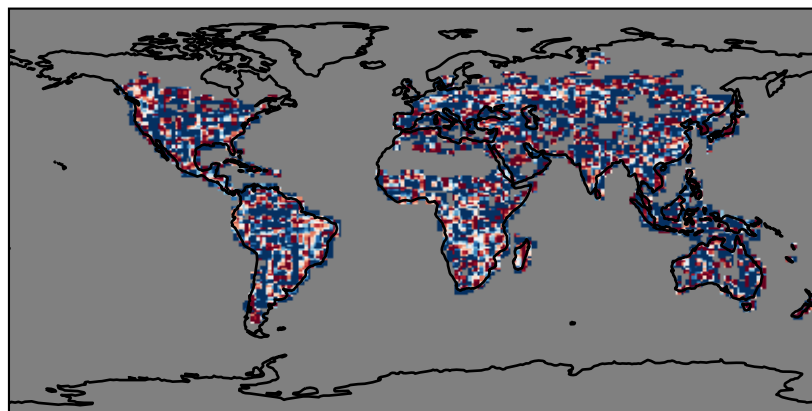
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

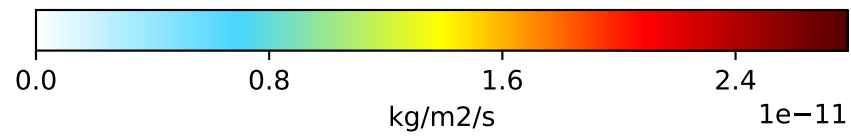
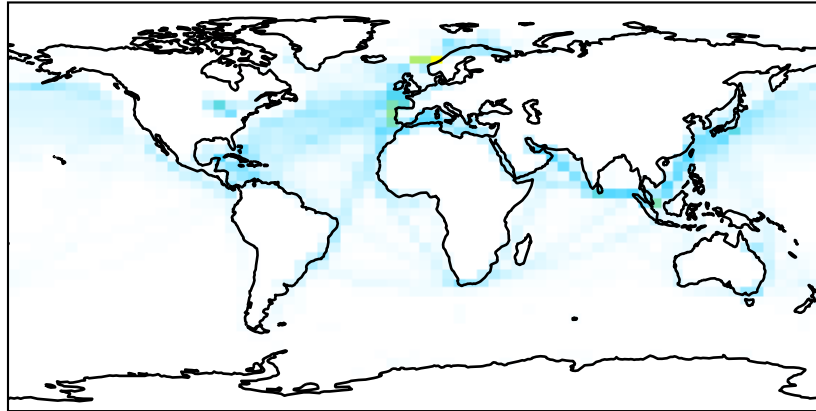


Ratio (1x1.25)
Dev/Ref, Fixed Range

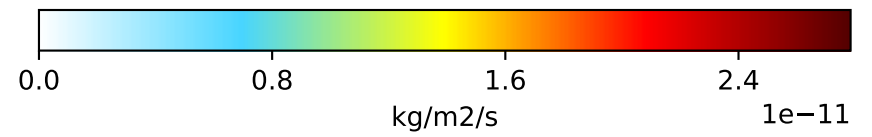
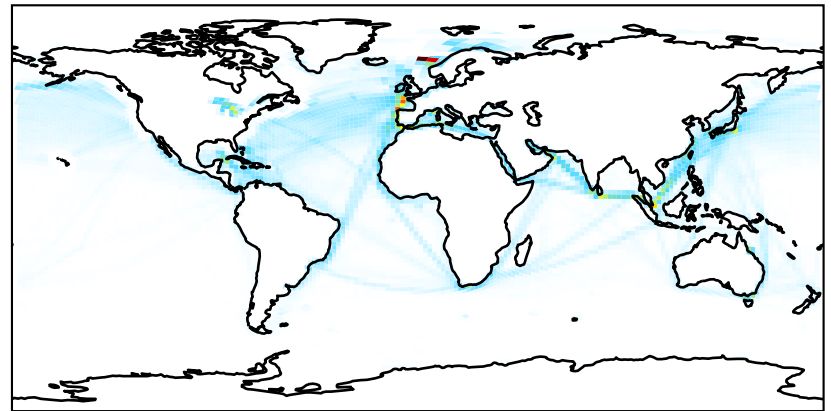


EmisSO2_Ship (Oct2019)

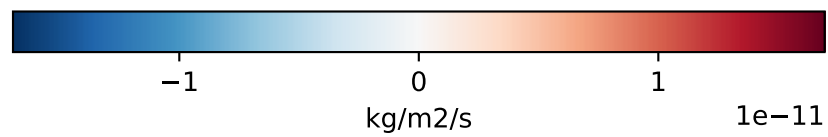
GCC_13.0.0-rc.0 (Ref)
4.0x5.0



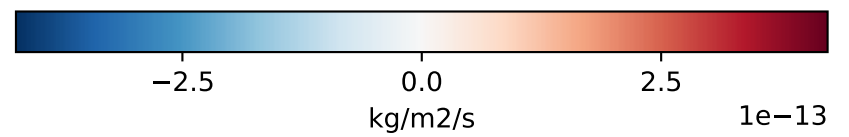
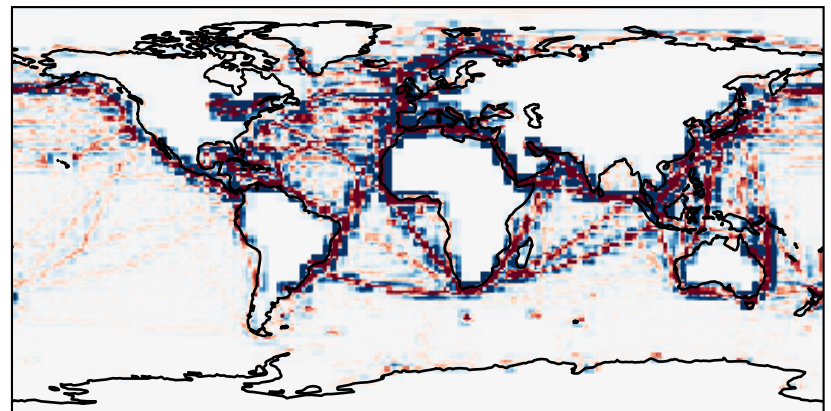
GCHP_13.0.0-rc.0 (Dev)
c48



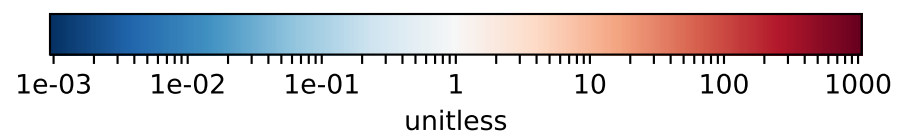
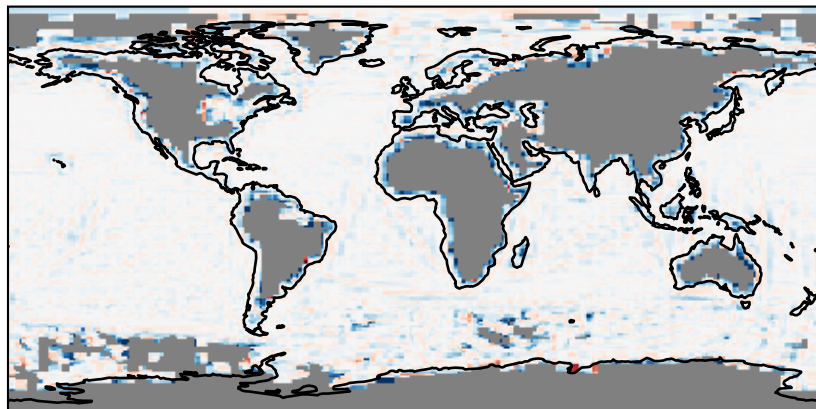
Difference (1x1.25)
Dev - Ref, Dynamic Range



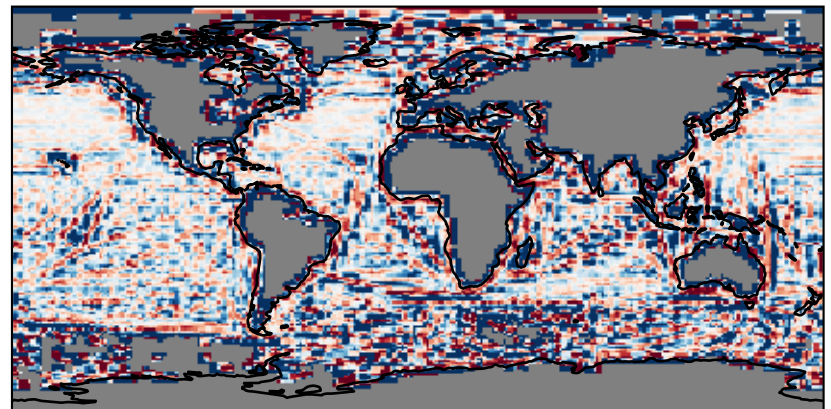
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

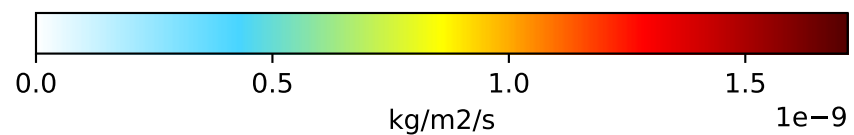
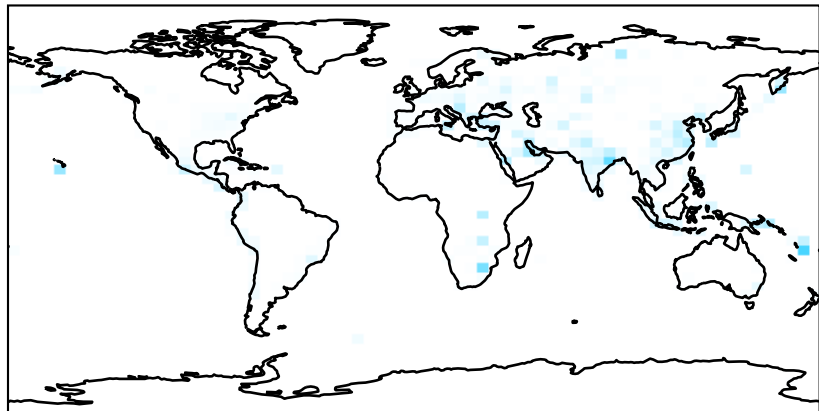


Ratio (1x1.25)
Dev/Ref, Fixed Range

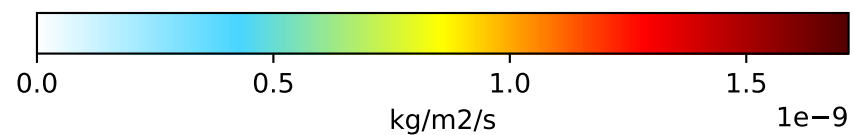
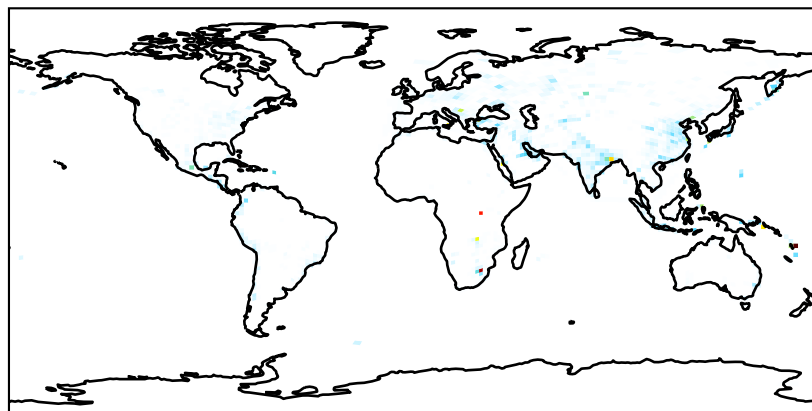


EmisSO2_Total (Oct2019)

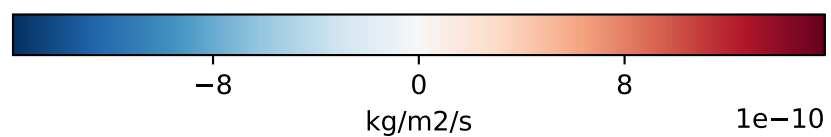
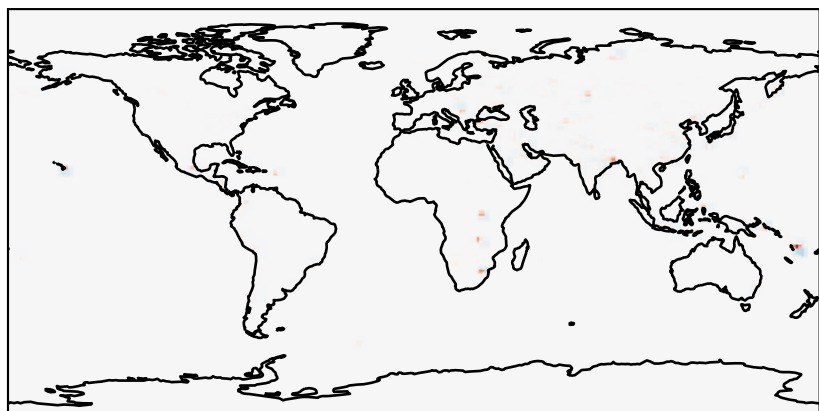
GCC_13.0.0-rc.0 (Ref)
4.0x5.0



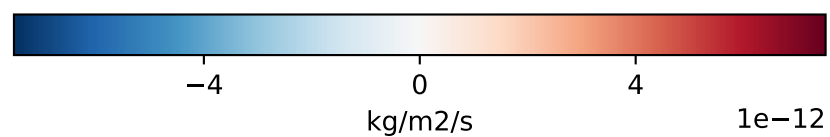
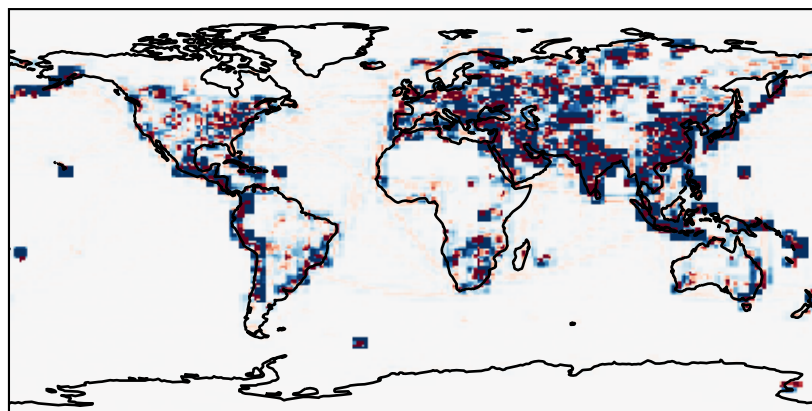
GCHP_13.0.0-rc.0 (Dev)
c48



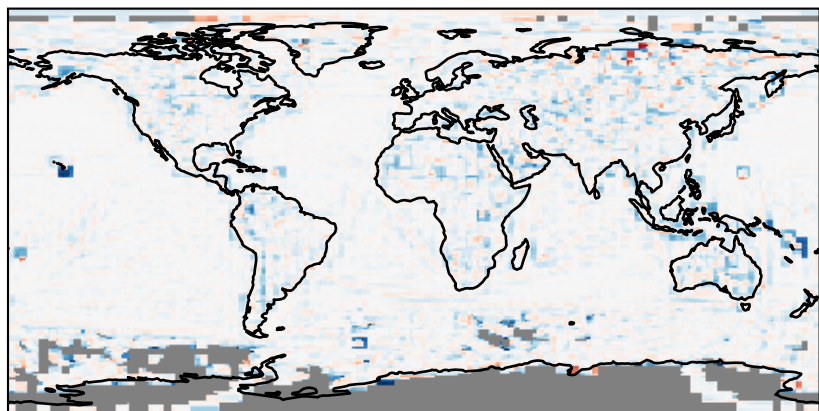
Difference (1x1.25)
Dev - Ref, Dynamic Range



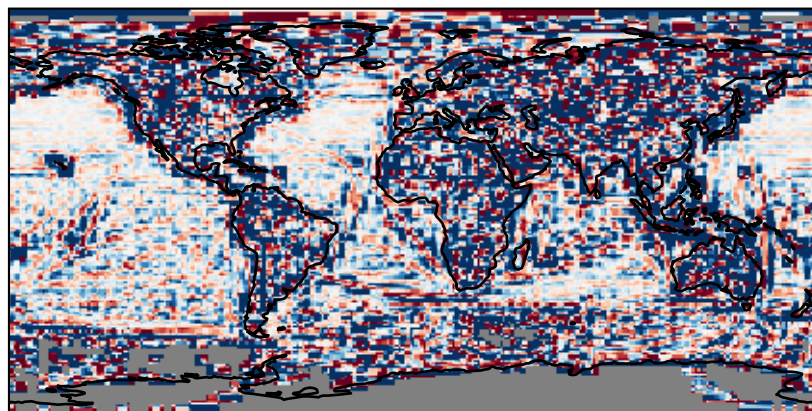
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

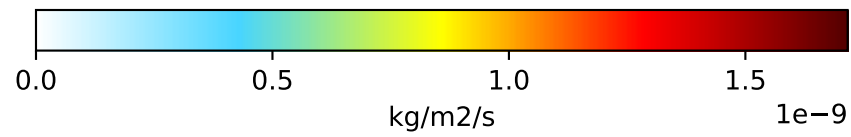
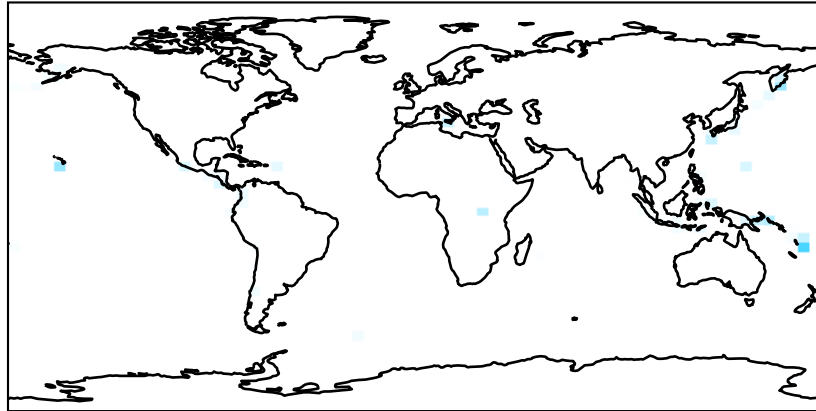


Ratio (1x1.25)
Dev/Ref, Fixed Range

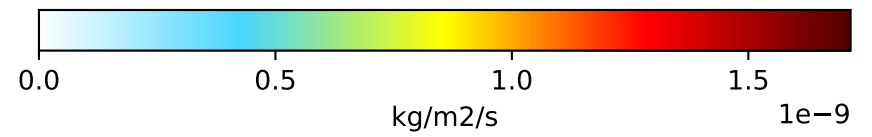
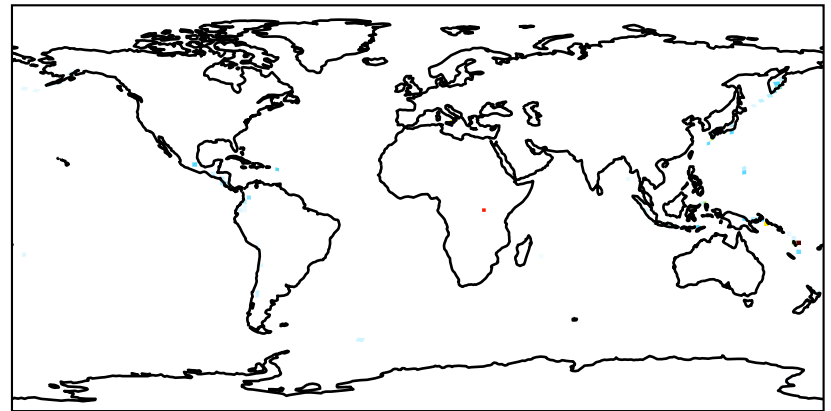


EmisSO2_VolcDegas (Oct2019)

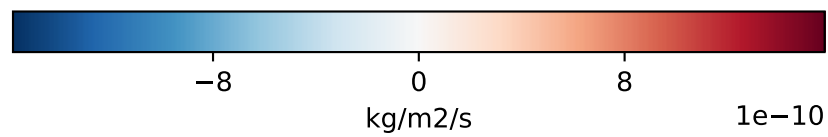
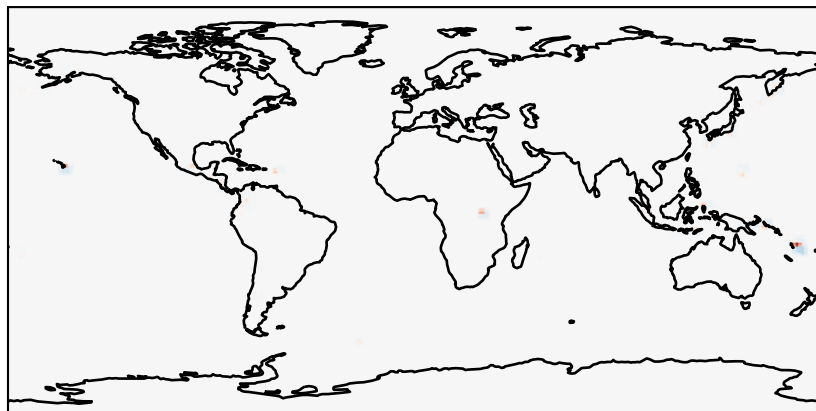
GCC_13.0.0-rc.0 (Ref)
4.0x5.0



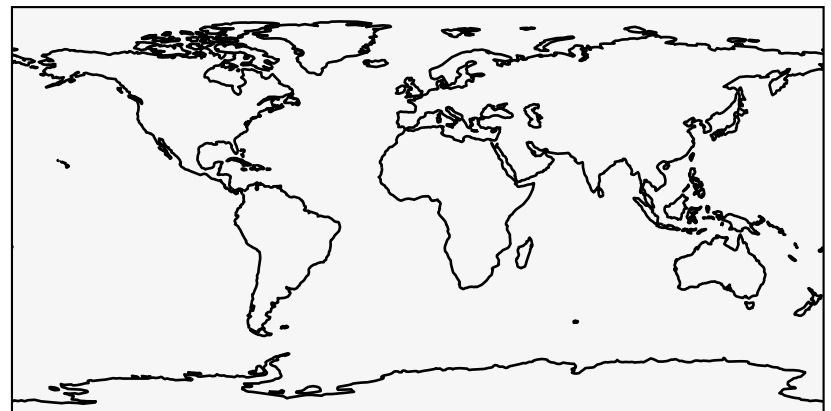
GCHP_13.0.0-rc.0 (Dev)
c48



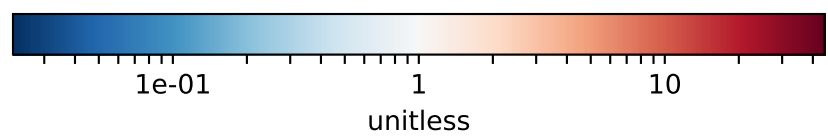
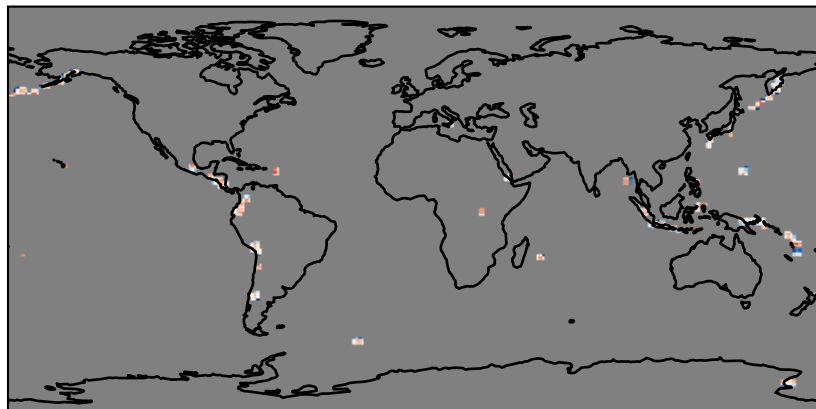
Difference (1x1.25)
Dev - Ref, Dynamic Range



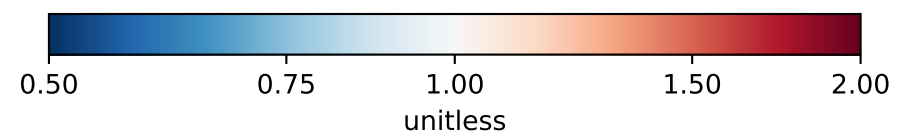
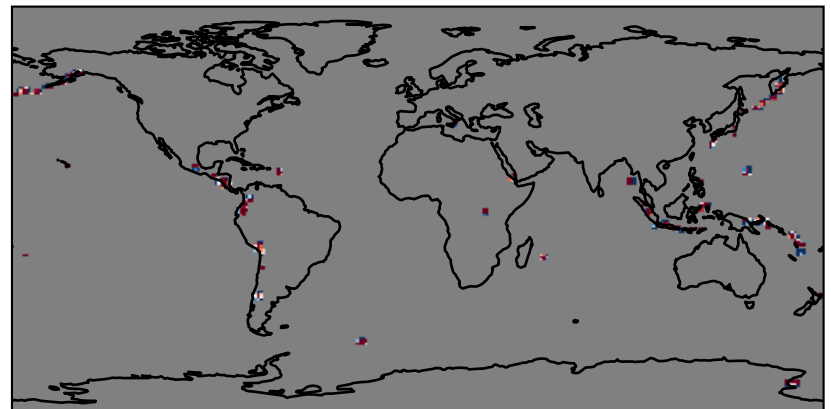
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



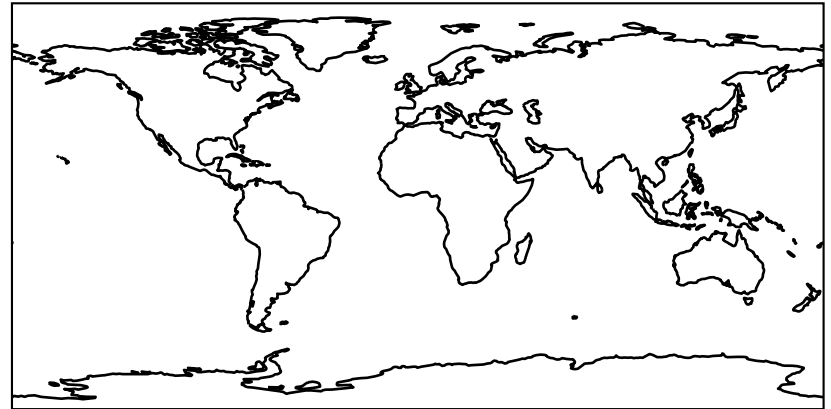
EmisSO2_VolcErupt (Oct2019)

GCC_13.0.0-rc.0 (Ref)
4.0x5.0



Zero throughout domain
kg/m2/s

GCHP_13.0.0-rc.0 (Dev)
c48



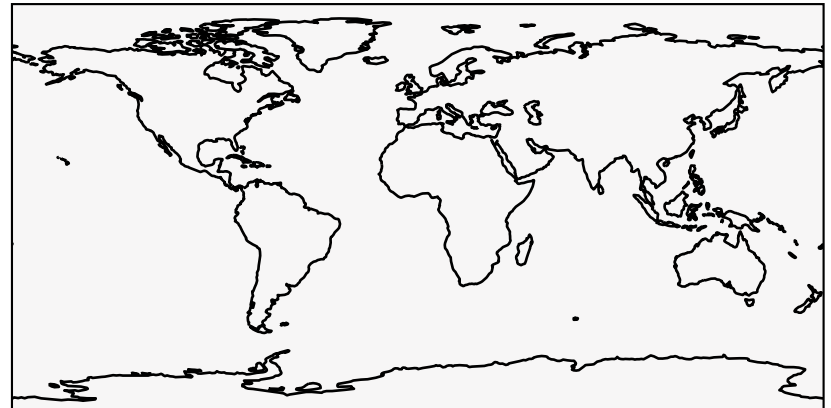
Zero throughout domain
kg/m2/s

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



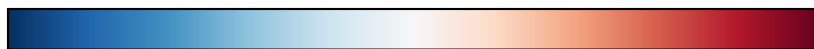
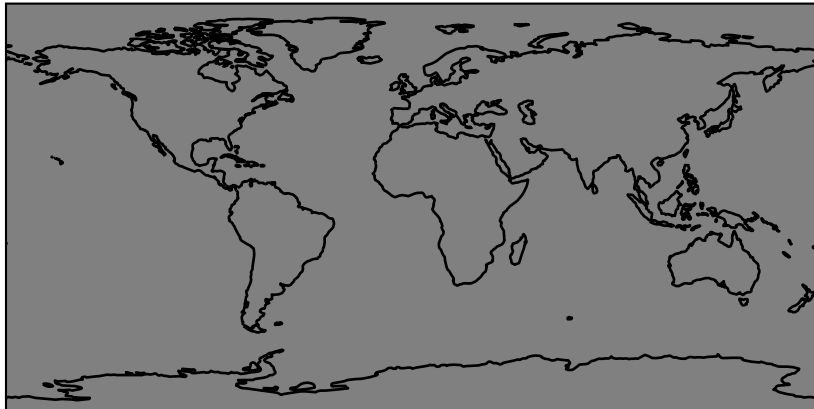
Zero throughout domain
kg/m2/s

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



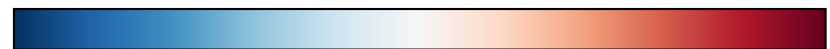
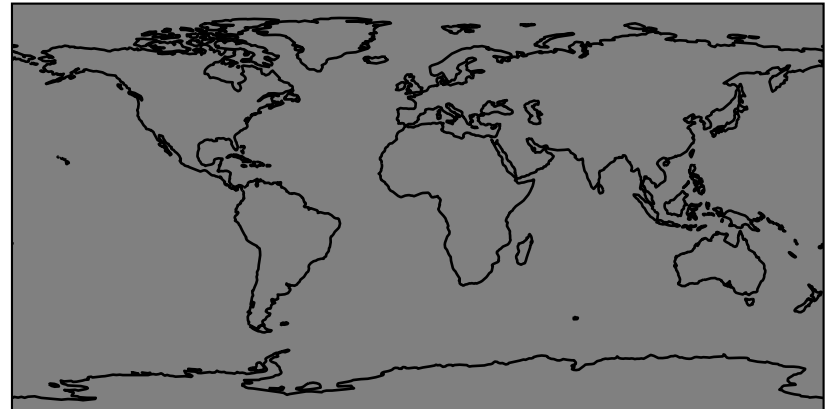
Zero throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

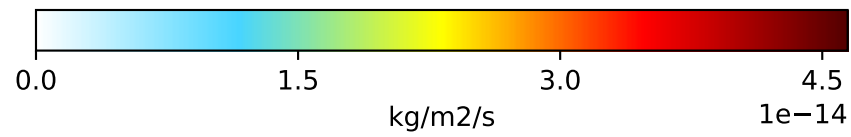
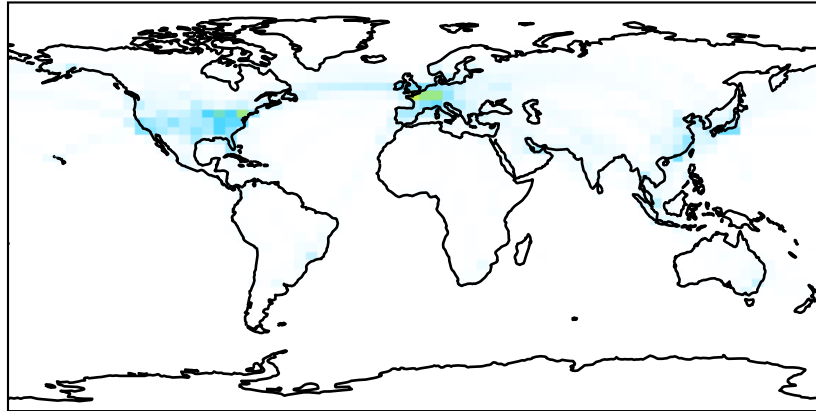
Ratio (1x1.25)
Dev/Ref, Fixed Range



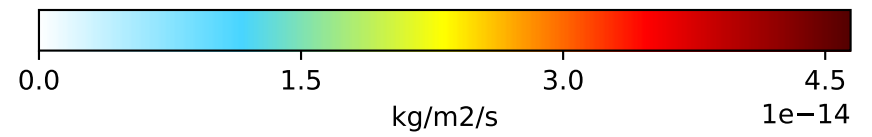
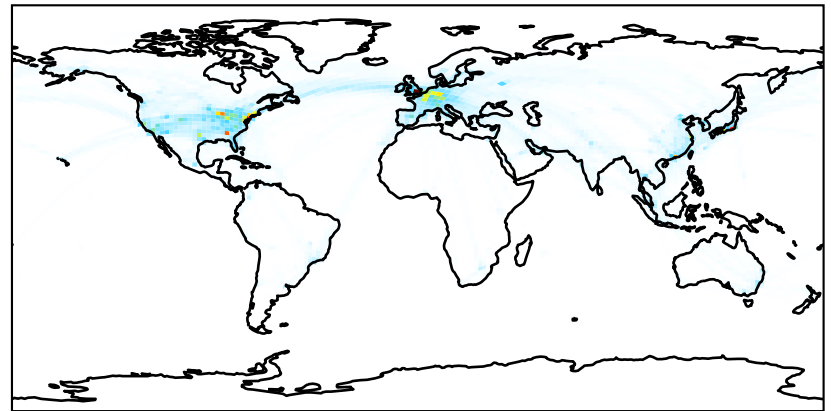
Undefined throughout domain
unitless

EmisSO4_Aircraft (Oct2019)

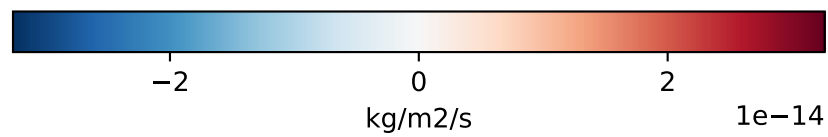
GCC_13.0.0-rc.0 (Ref)
4.0x5.0



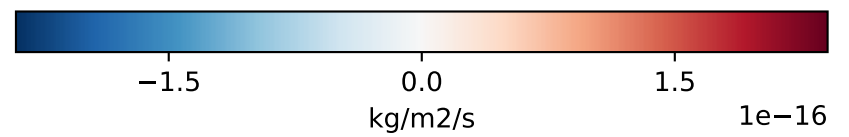
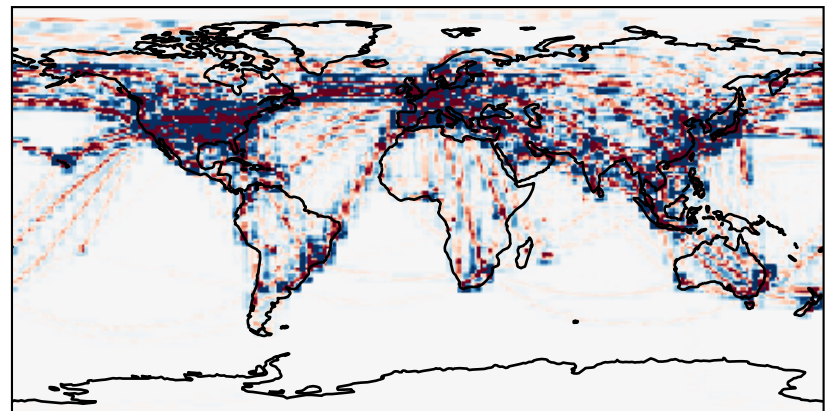
GCHP_13.0.0-rc.0 (Dev)
c48



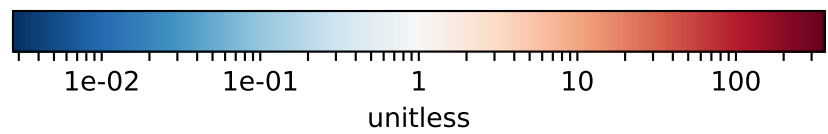
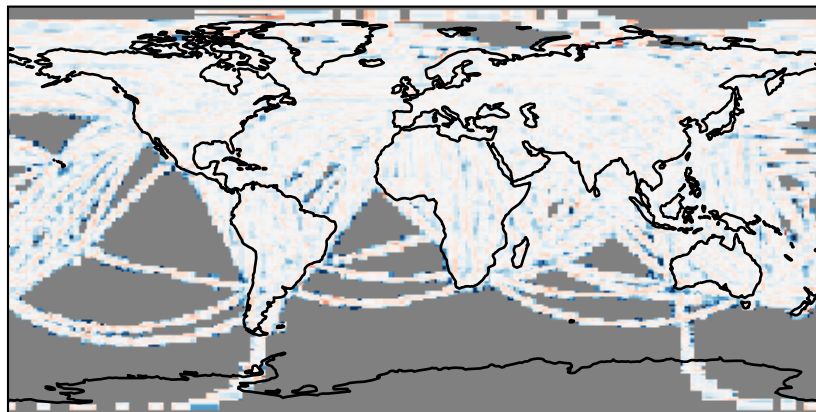
Difference (1x1.25)
Dev - Ref, Dynamic Range



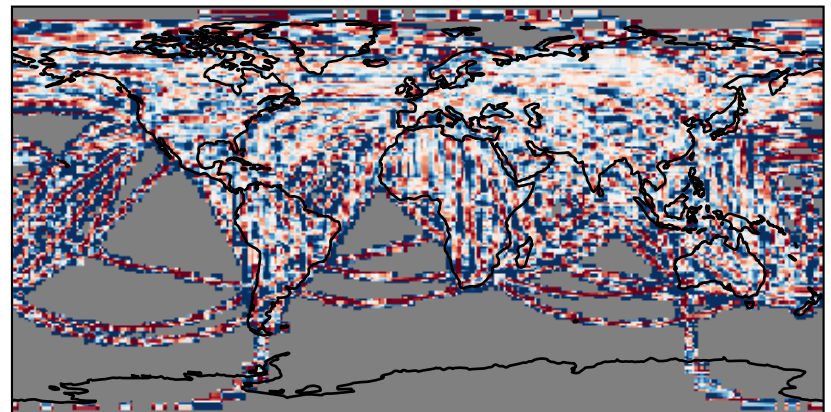
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

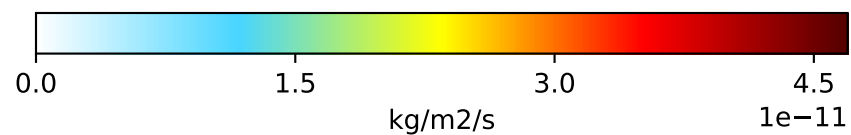
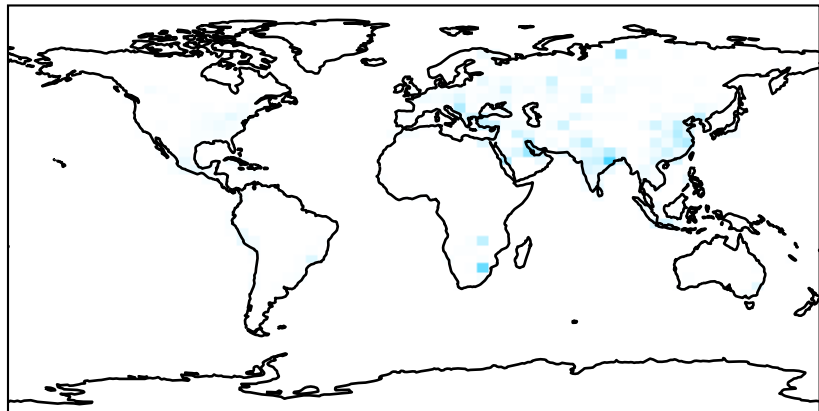


Ratio (1x1.25)
Dev/Ref, Fixed Range

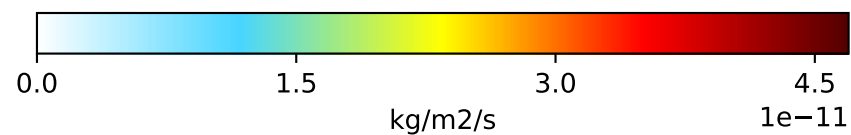
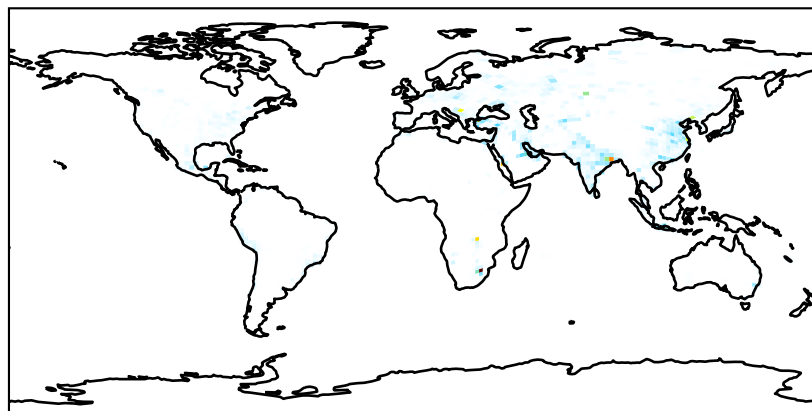


EmisSO4_Anthro (Oct2019)

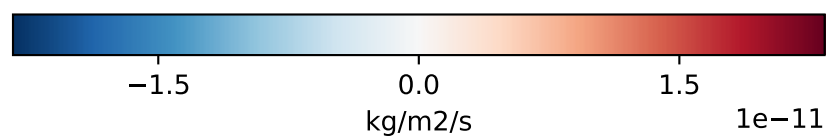
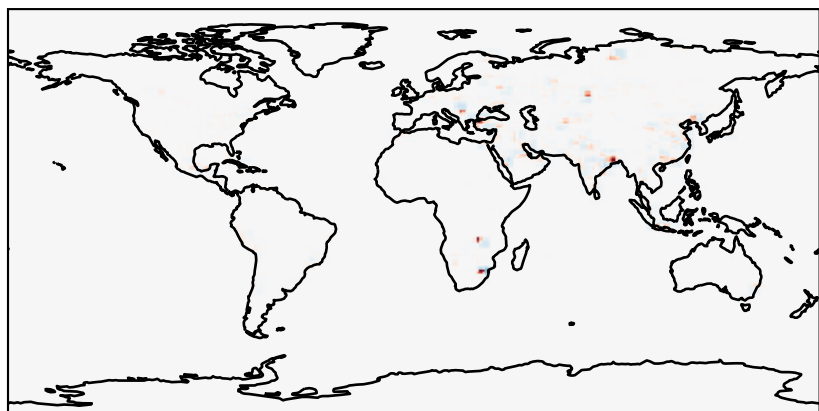
GCC_13.0.0-rc.0 (Ref)
4.0x5.0



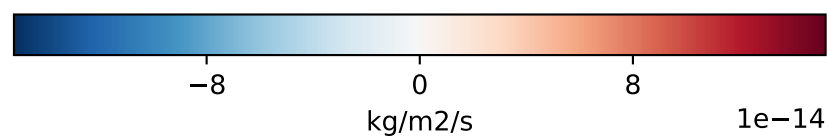
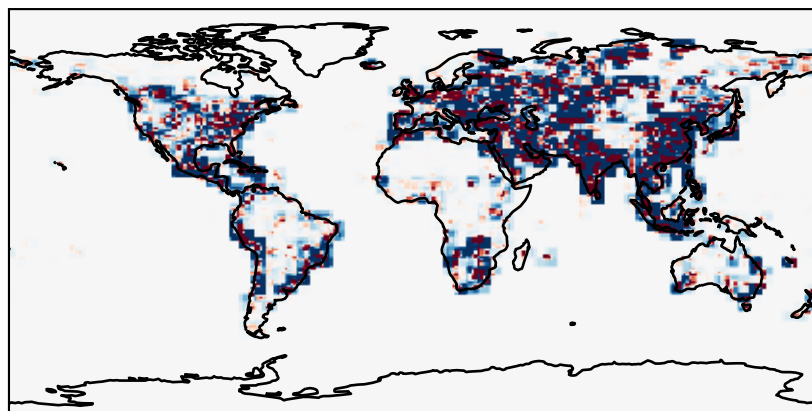
GCHP_13.0.0-rc.0 (Dev)
c48



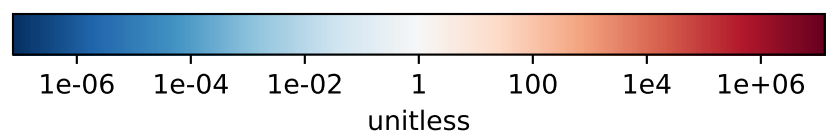
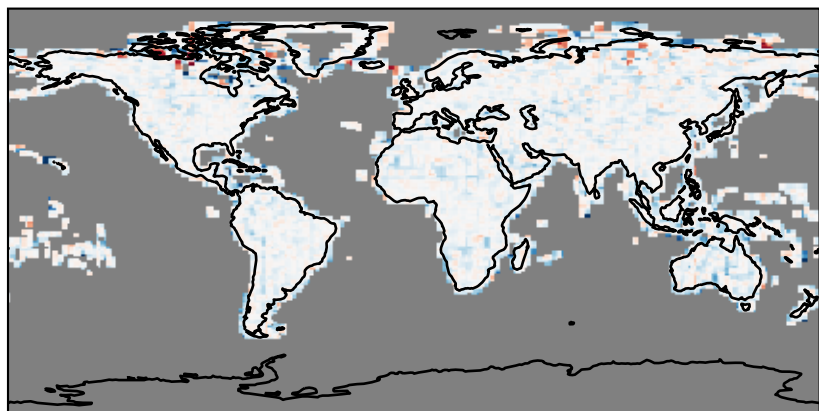
Difference (1x1.25)
Dev - Ref, Dynamic Range



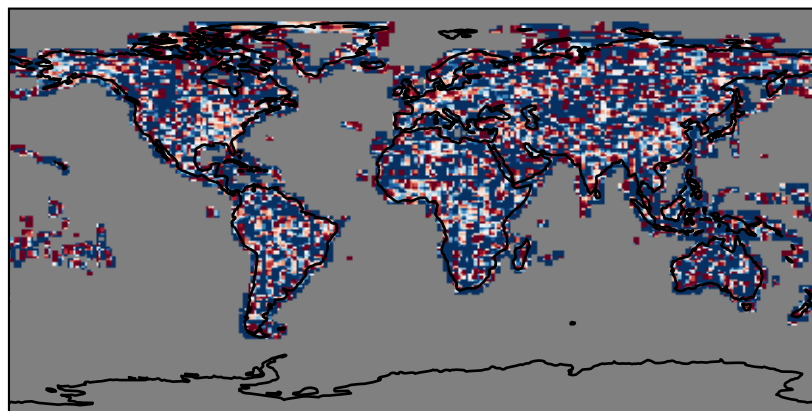
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

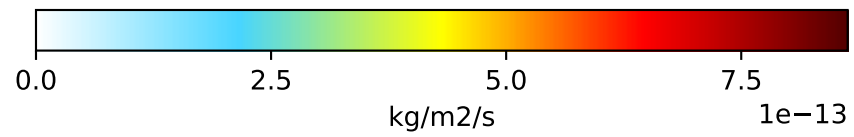
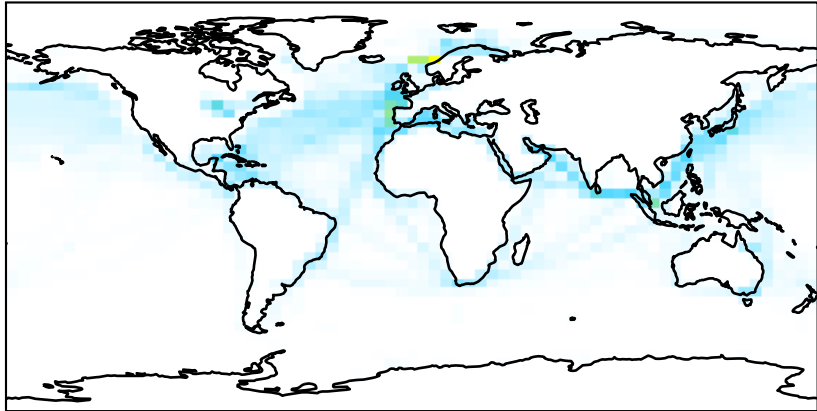


Ratio (1x1.25)
Dev/Ref, Fixed Range

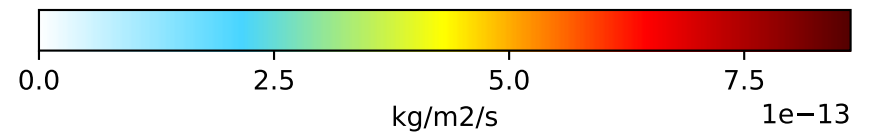
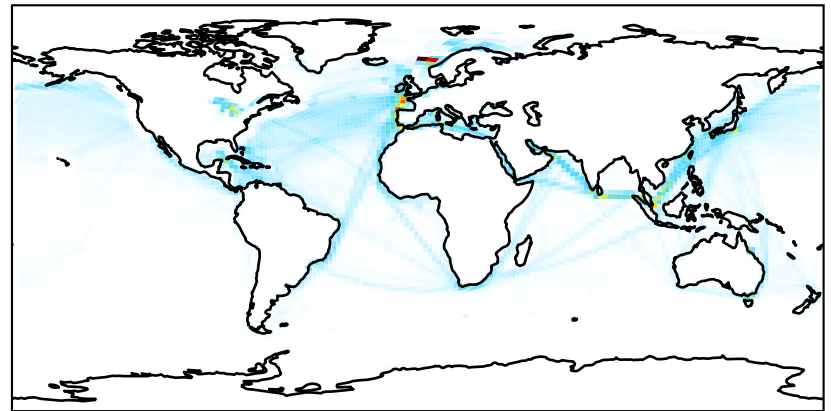


EmisSO4_Ship (Oct2019)

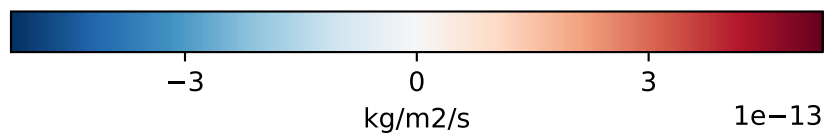
GCC_13.0.0-rc.0 (Ref)
4.0x5.0



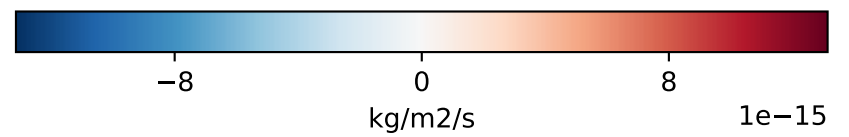
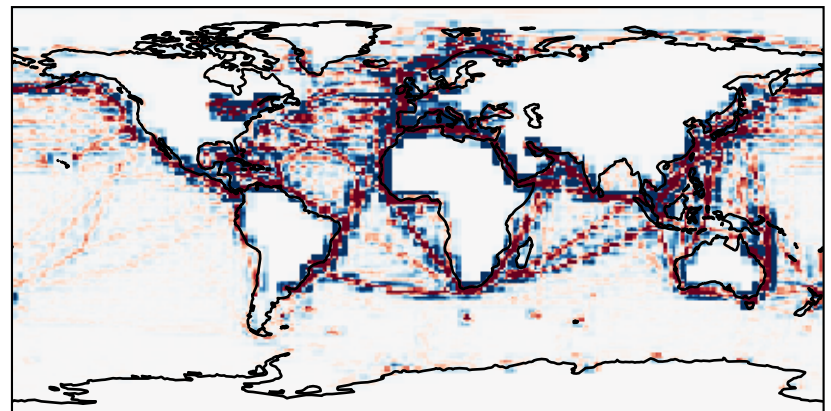
GCHP_13.0.0-rc.0 (Dev)
c48



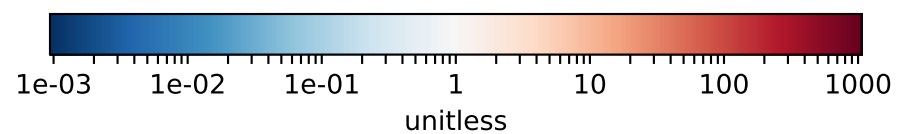
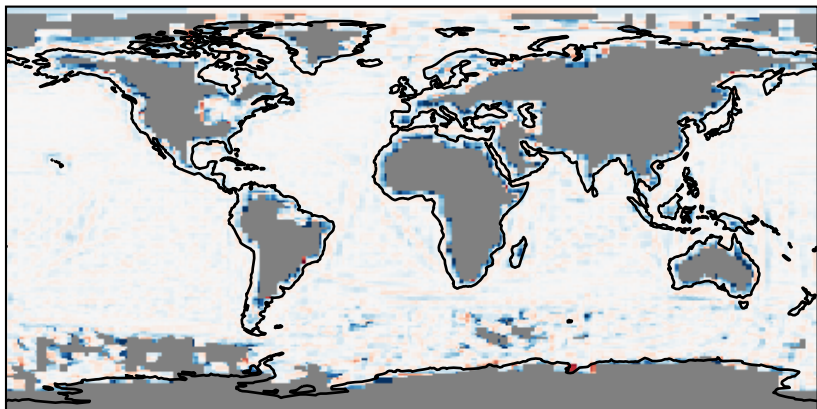
Difference (1x1.25)
Dev - Ref, Dynamic Range



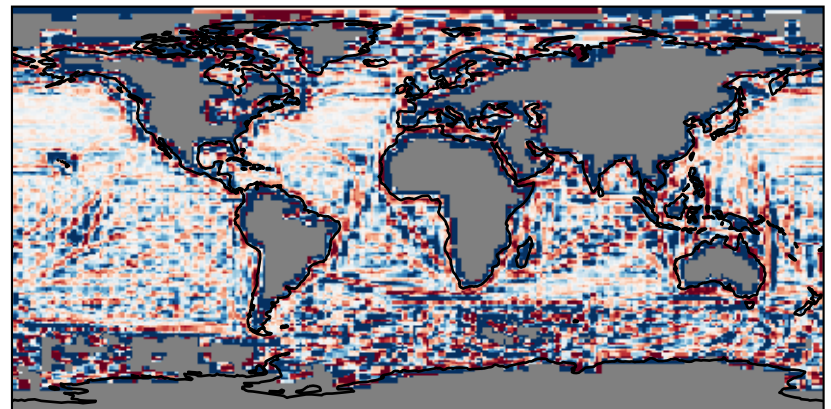
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

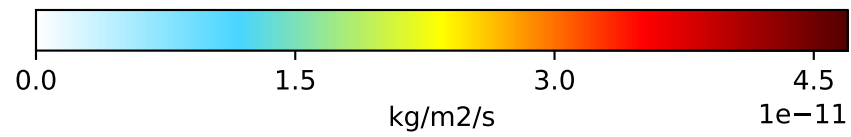
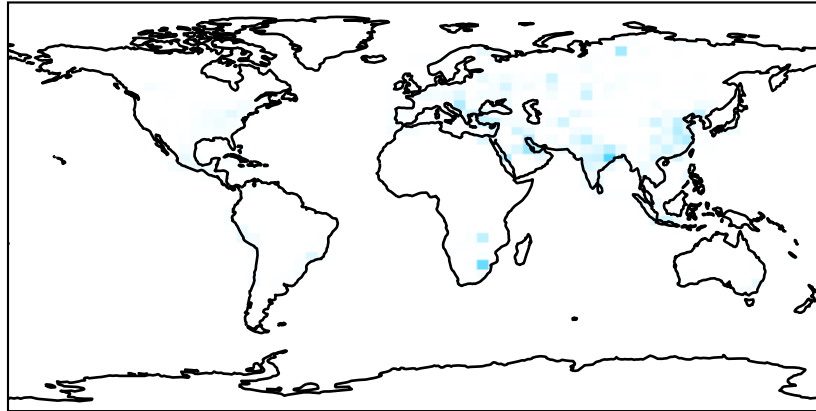


Ratio (1x1.25)
Dev/Ref, Fixed Range

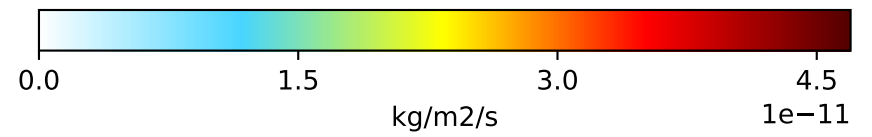
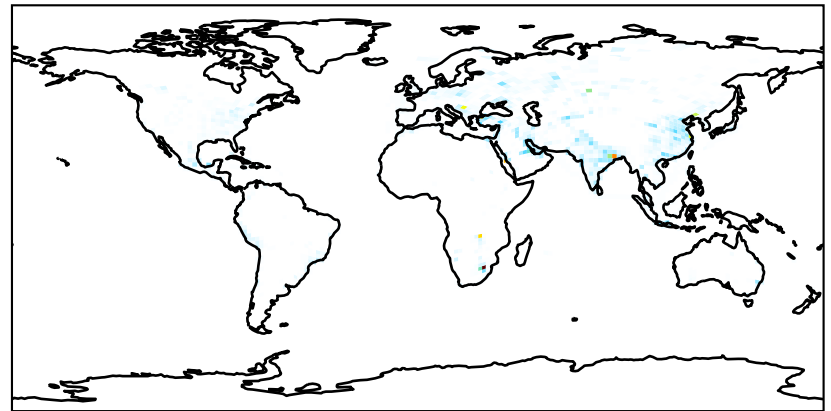


EmisSO4_Total (Oct2019)

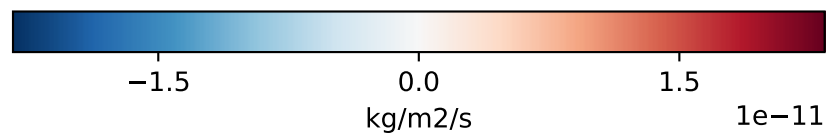
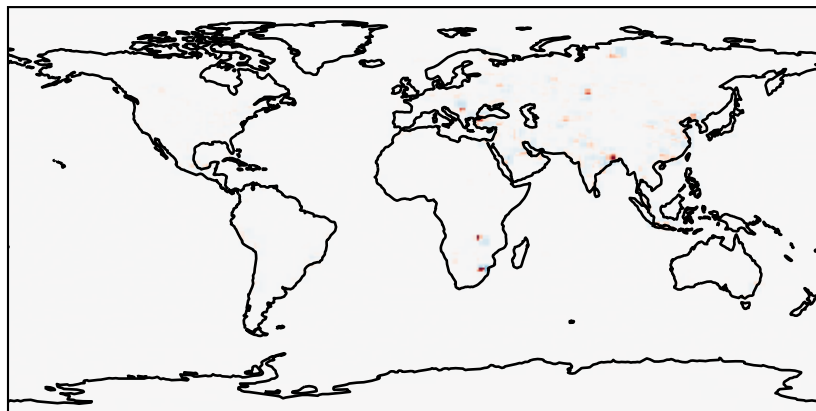
GCC_13.0.0-rc.0 (Ref)
4.0x5.0



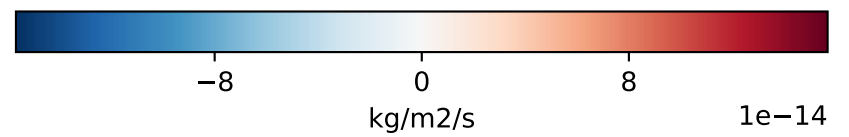
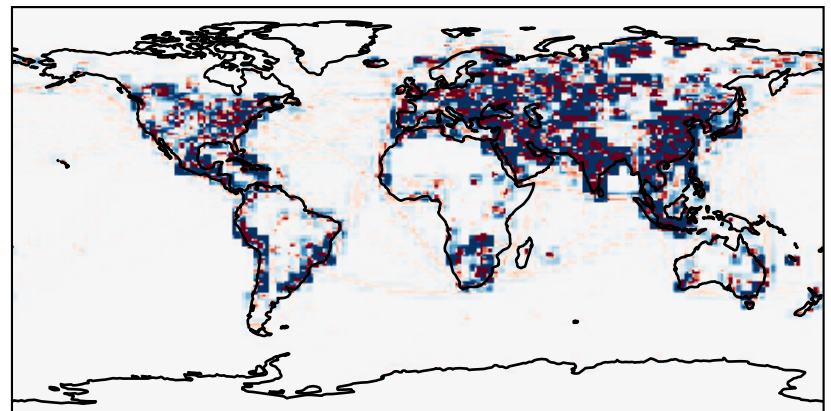
GCHP_13.0.0-rc.0 (Dev)
c48



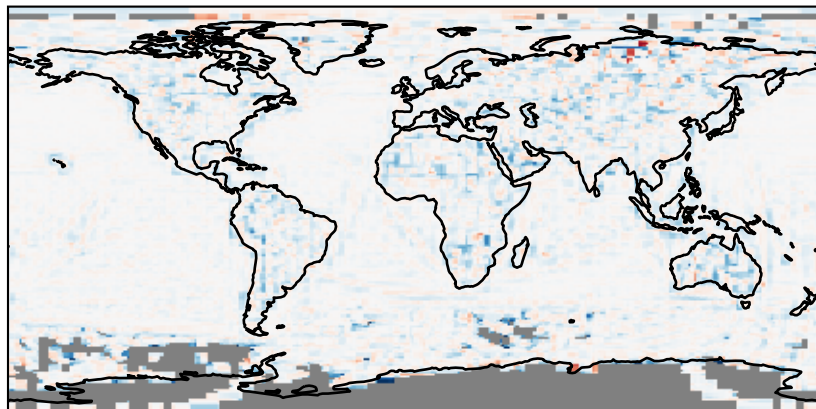
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

