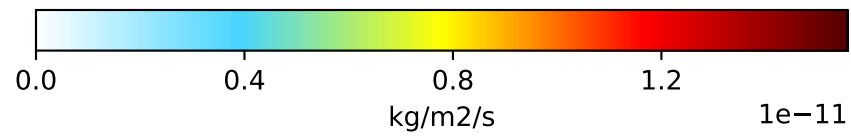
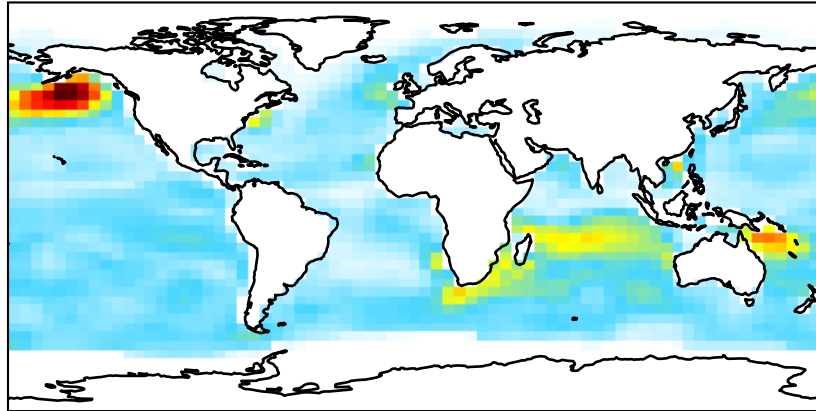
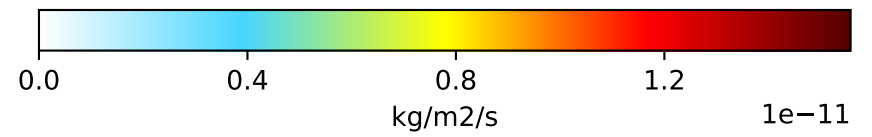
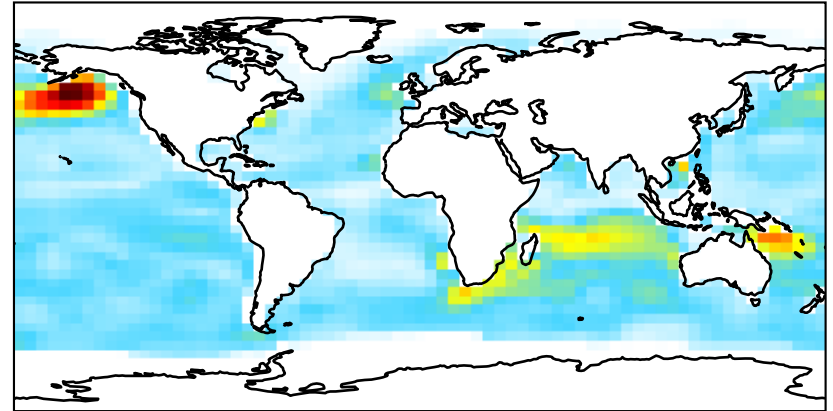


EmisDMS_Ocean (Oct2019)

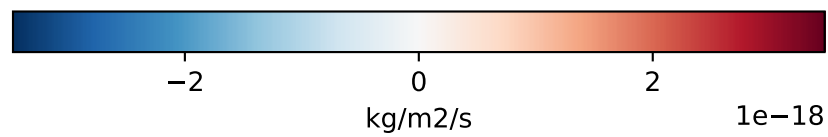
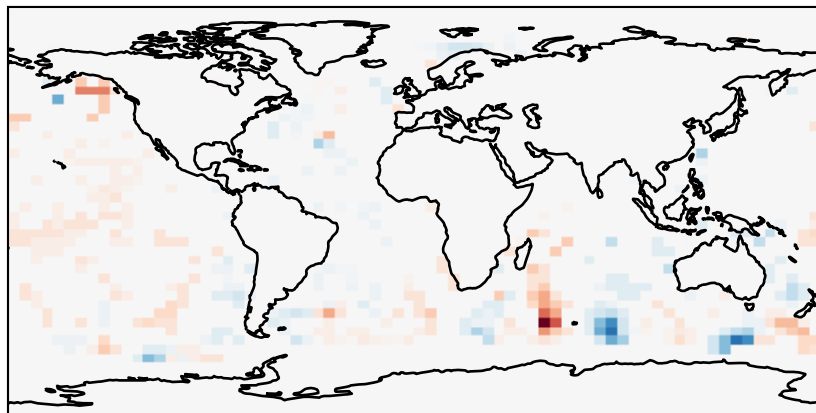
GCC_13.4.0-rc.4 (Ref)
4.0x5.0



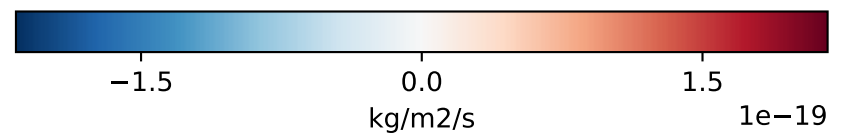
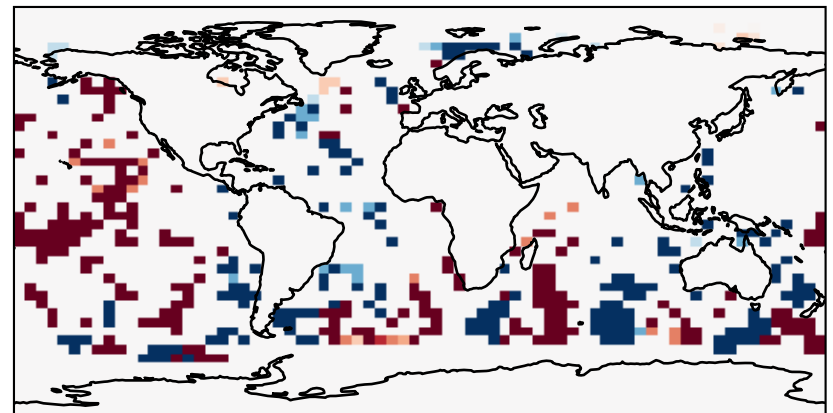
GCC_14.0.0-rc.3 (Dev)
4.0x5.0



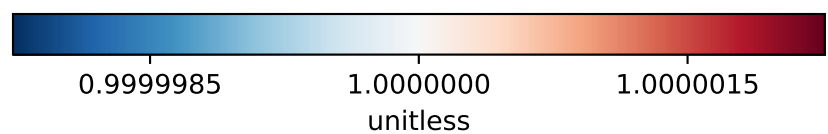
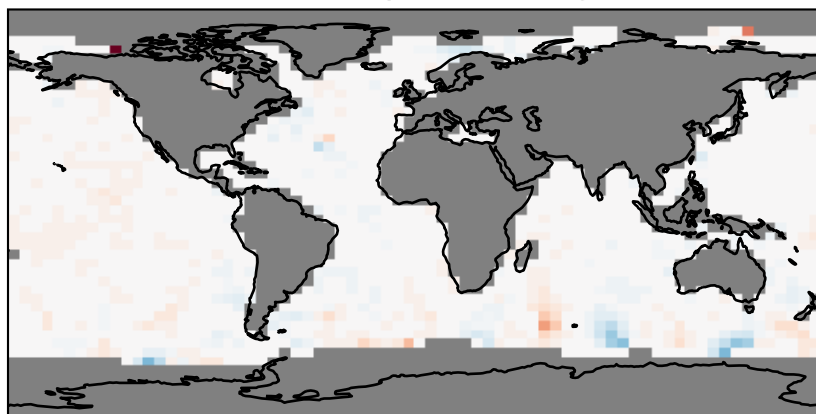
Difference
Dev - Ref, Dynamic Range



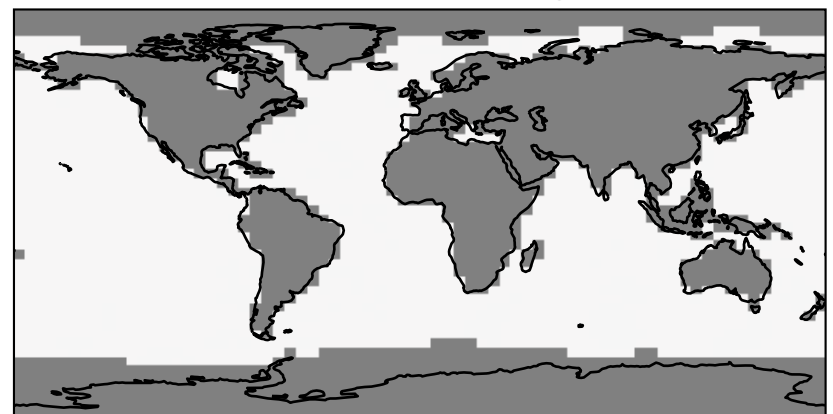
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

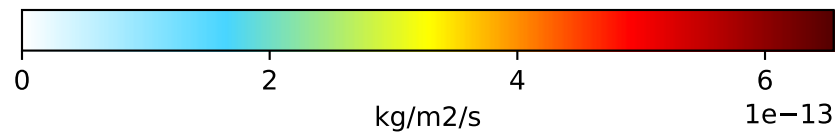
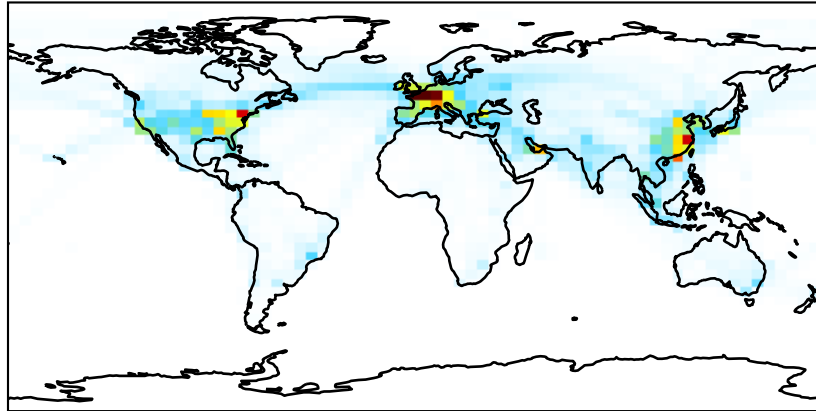


Ratio
Dev/Ref, Fixed Range

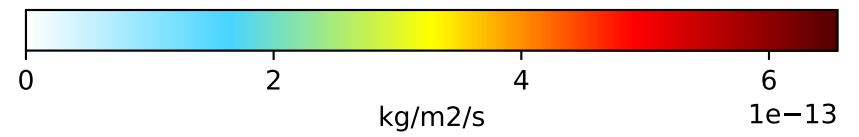
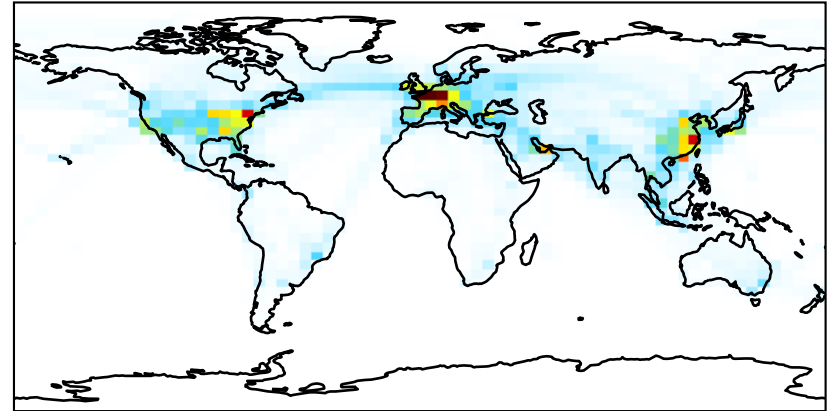


EmisSO2_Aircraft (Oct2019)

GCC_13.4.0-rc.4 (Ref)
4.0x5.0



GCC_14.0.0-rc.3 (Dev)
4.0x5.0



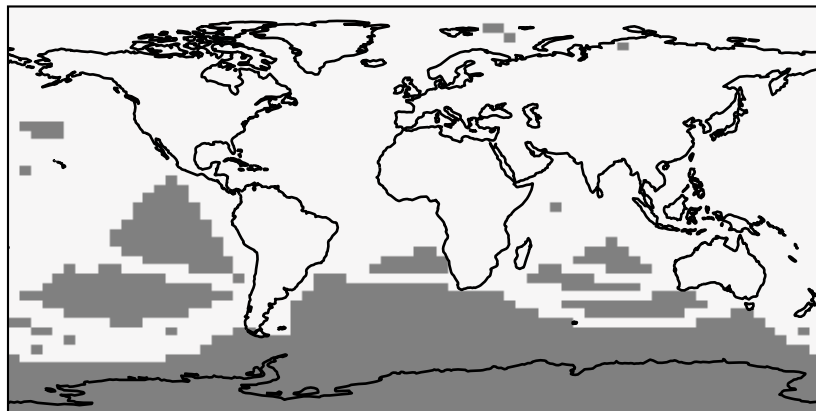
Difference
Dev - Ref, Dynamic Range



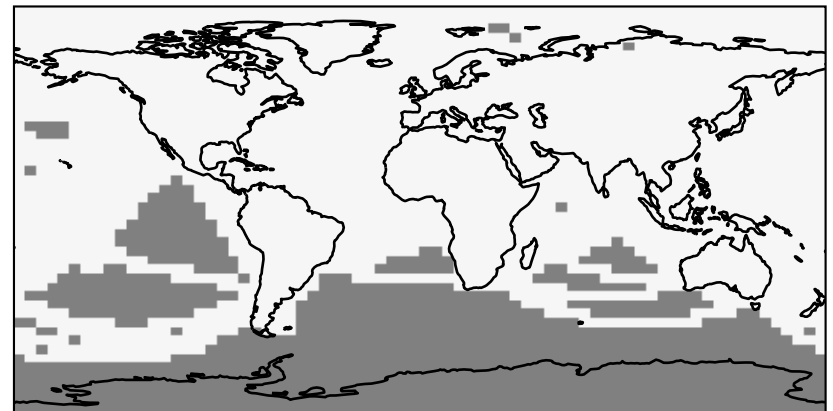
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

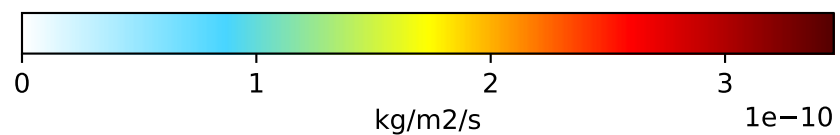
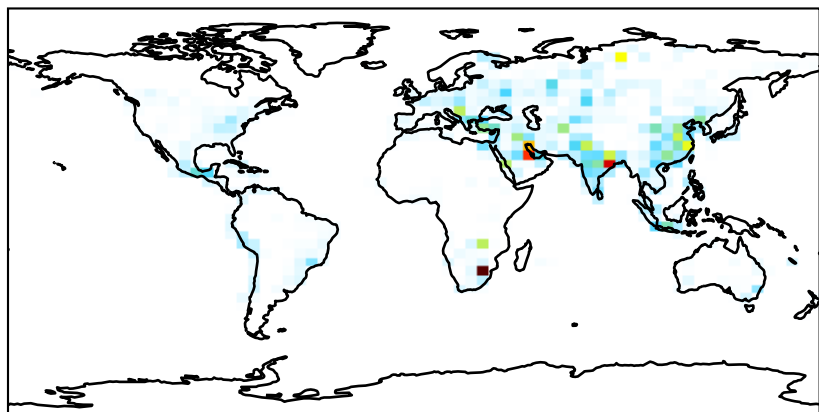


Ratio
Dev/Ref, Fixed Range

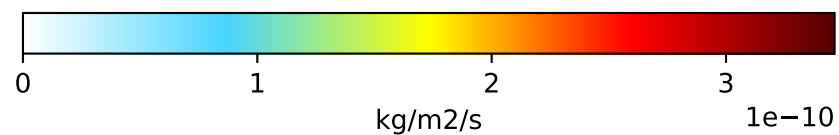
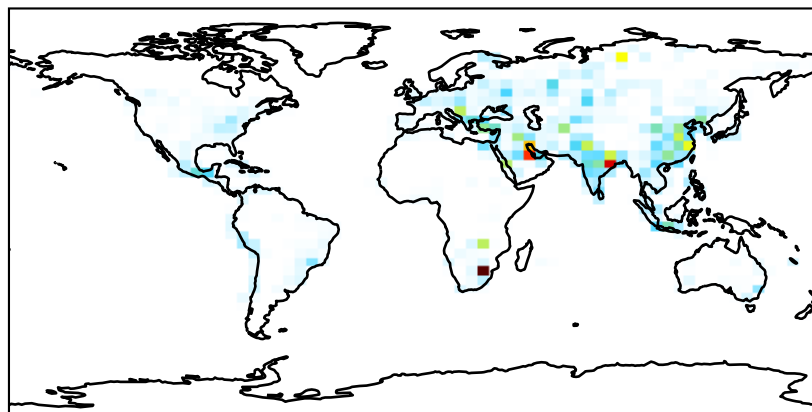


EmisSO2_Anthro (Oct2019)

GCC_13.4.0-rc.4 (Ref)
4.0x5.0



GCC_14.0.0-rc.3 (Dev)
4.0x5.0



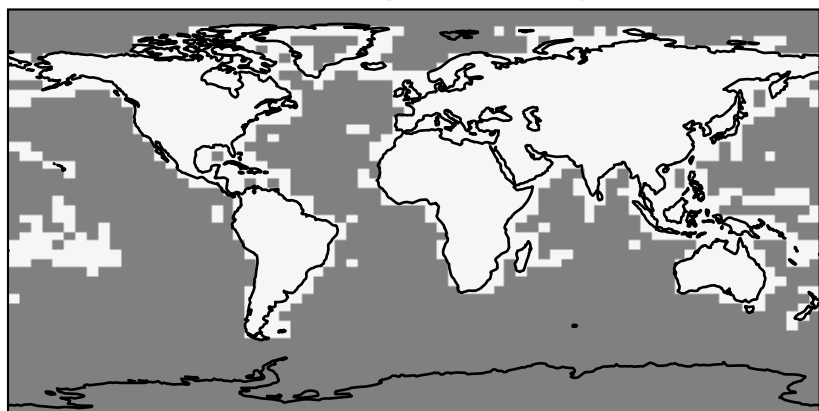
Difference
Dev - Ref, Dynamic Range



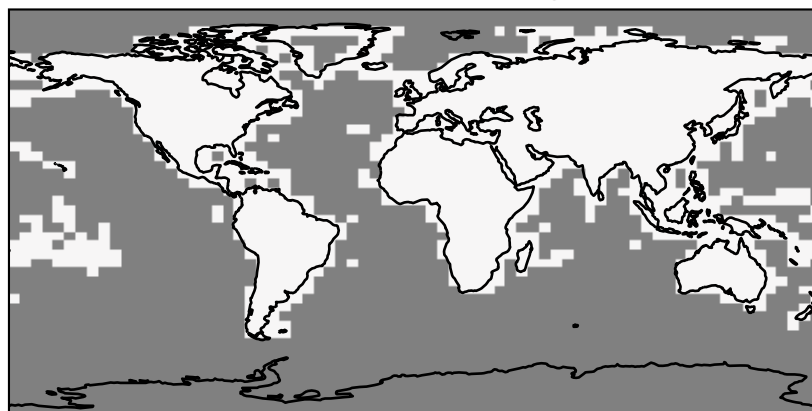
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

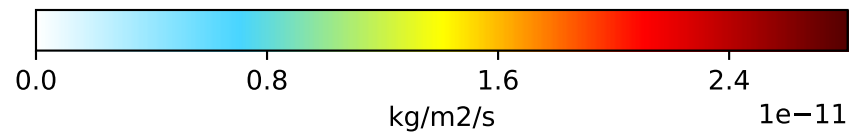
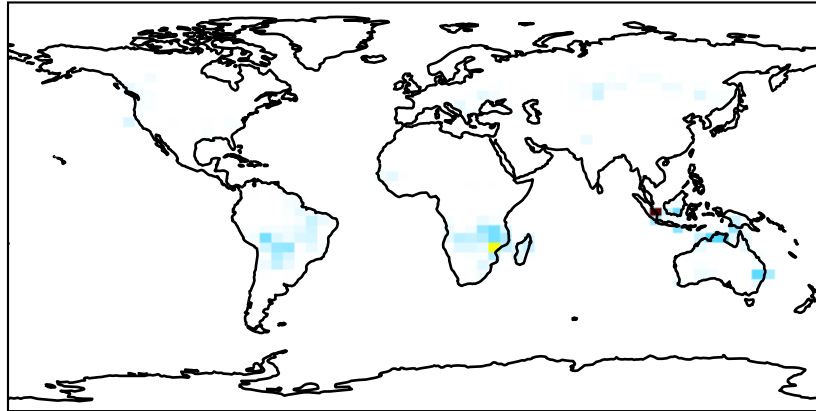


Ratio
Dev/Ref, Fixed Range

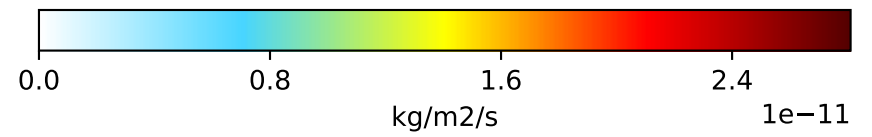
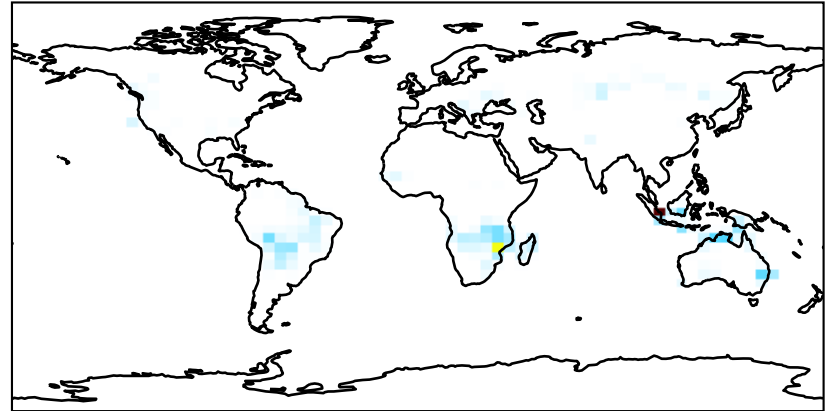


EmisSO2_BioBurn (Oct2019)

GCC_13.4.0-rc.4 (Ref)
4.0x5.0



GCC_14.0.0-rc.3 (Dev)
4.0x5.0



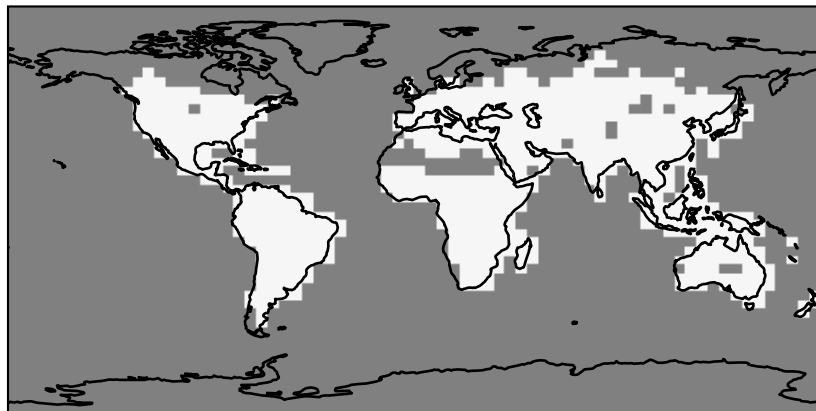
Difference
Dev - Ref, Dynamic Range



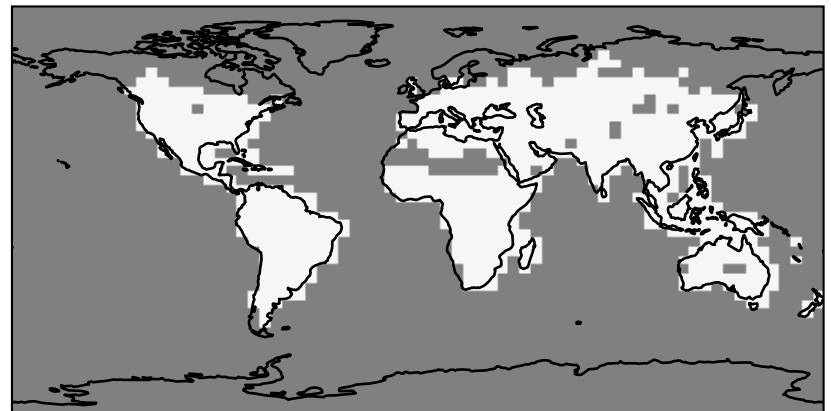
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

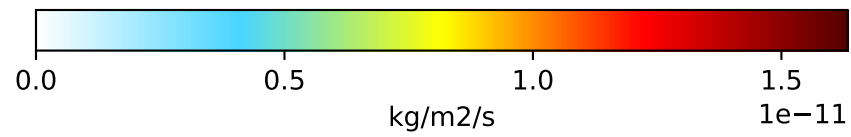
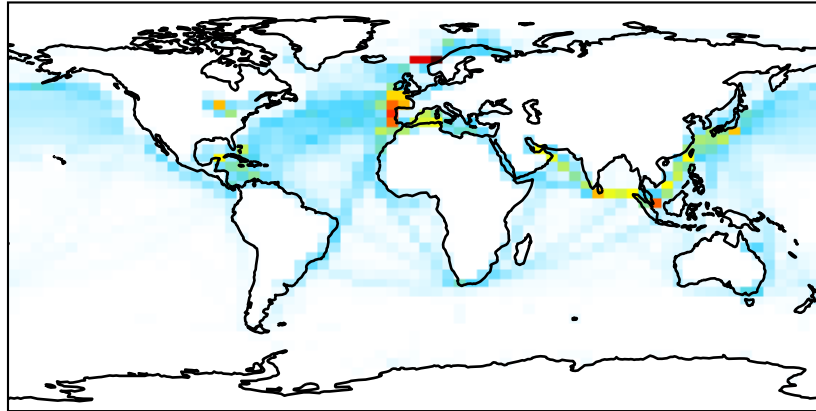


Ratio
Dev/Ref, Fixed Range

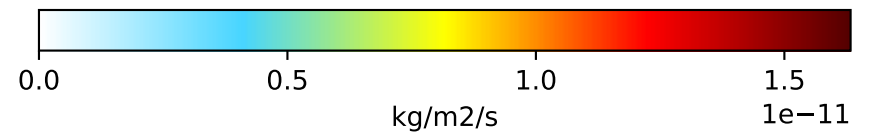
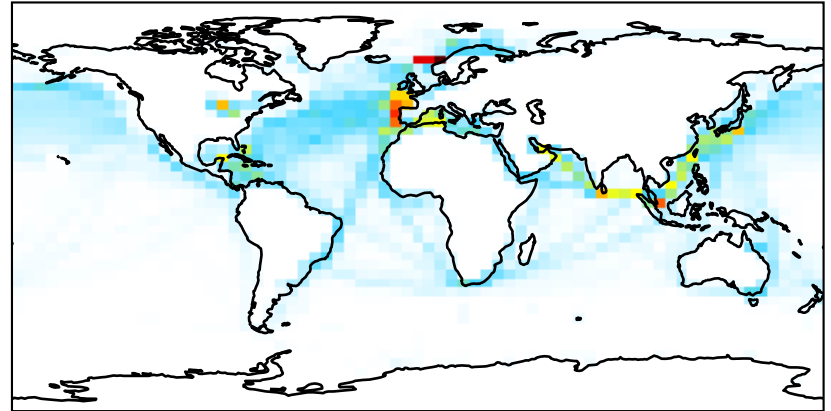


EmisSO2_Ship (Oct2019)

GCC_13.4.0-rc.4 (Ref)
4.0x5.0



GCC_14.0.0-rc.3 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

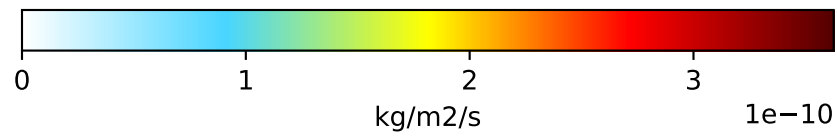
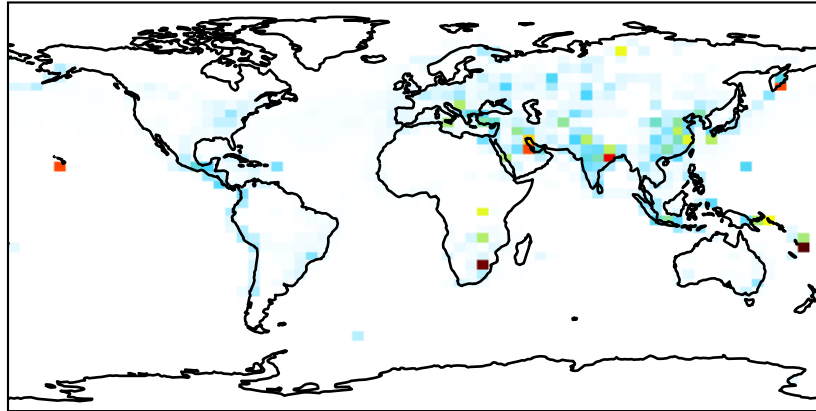


Ratio
Dev/Ref, Fixed Range

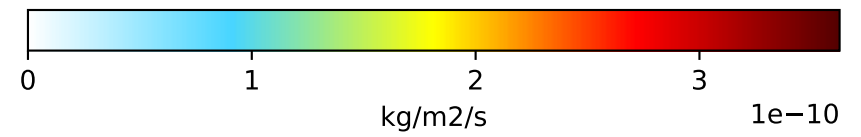
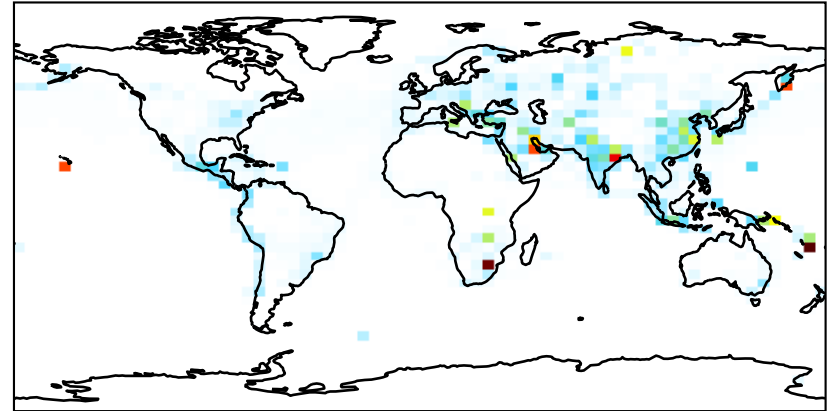


EmisSO2_Total (Oct2019)

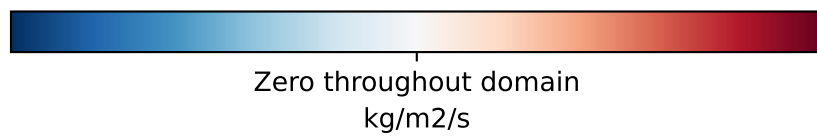
GCC_13.4.0-rc.4 (Ref)
4.0x5.0



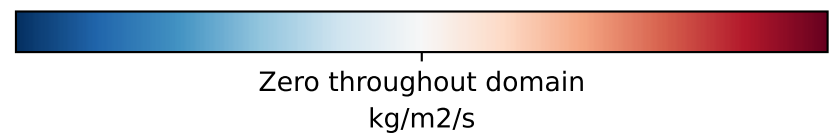
GCC_14.0.0-rc.3 (Dev)
4.0x5.0



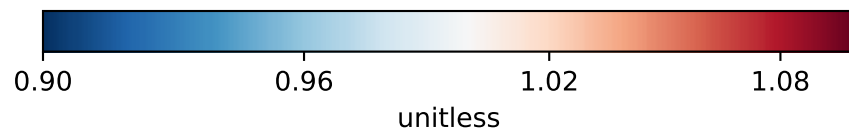
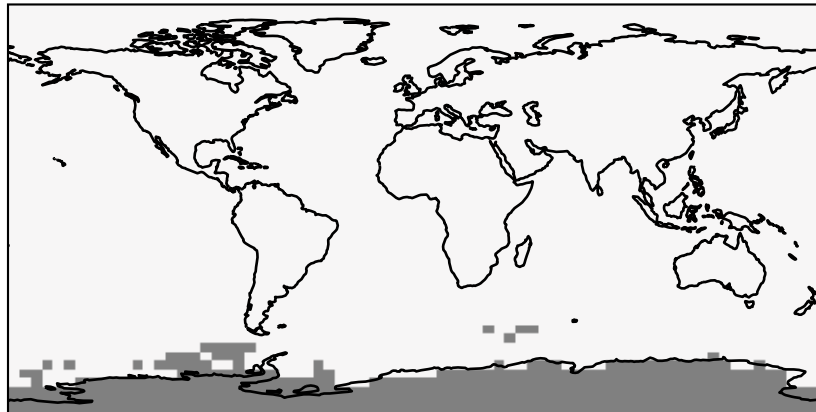
Difference
Dev - Ref, Dynamic Range



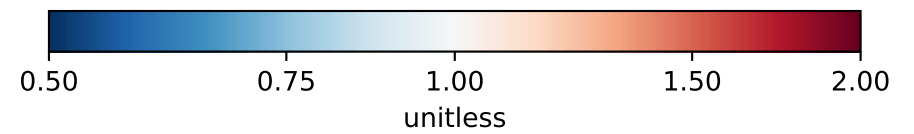
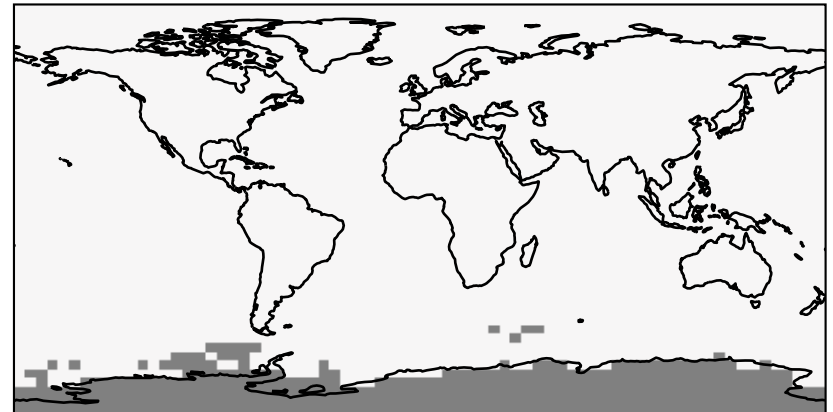
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

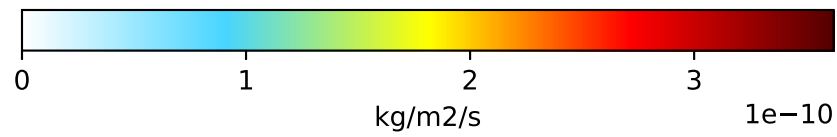
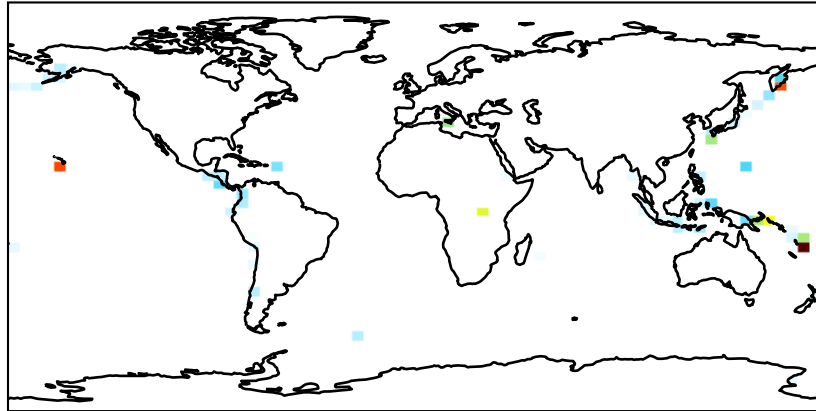


Ratio
Dev/Ref, Fixed Range

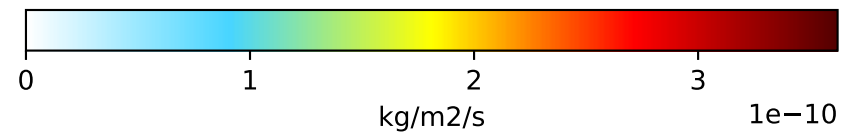
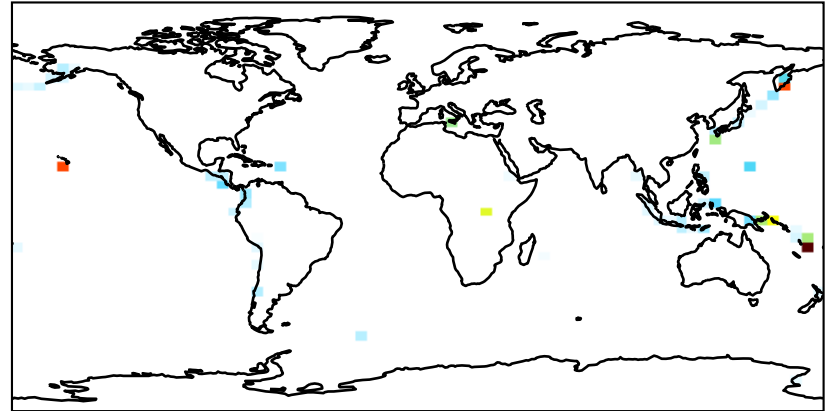


EmisSO2_VolcDegas (Oct2019)

GCC_13.4.0-rc.4 (Ref)
4.0x5.0



GCC_14.0.0-rc.3 (Dev)
4.0x5.0



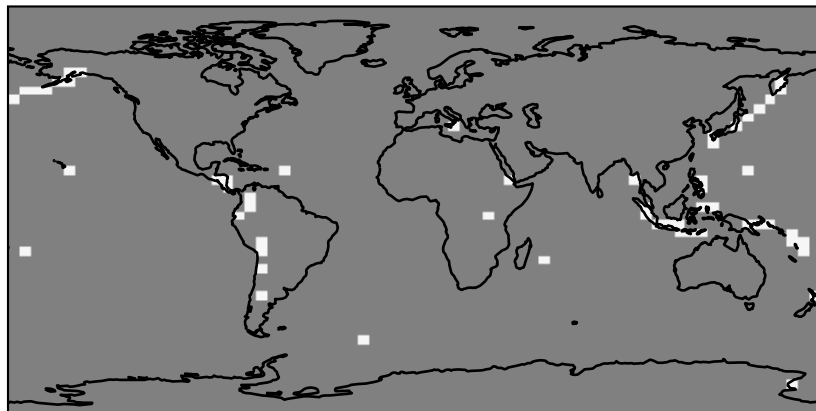
Difference
Dev - Ref, Dynamic Range



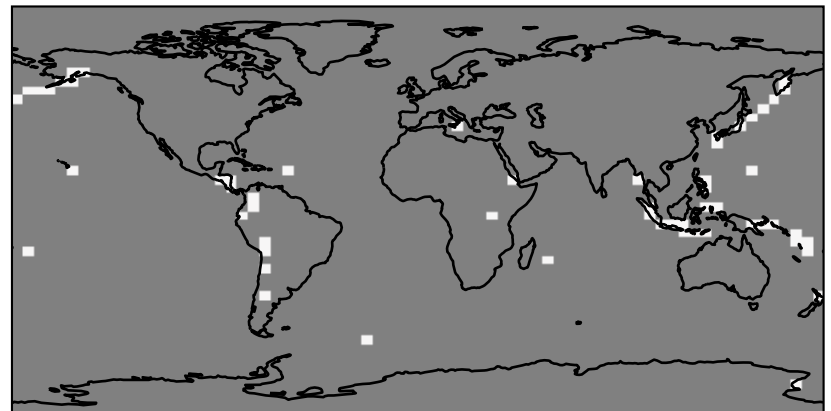
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range



EmisSO2_VolcErupt (Oct2019)

GCC_13.4.0-rc.4 (Ref)
4.0x5.0



Zero throughout domain
kg/m2/s

GCC_14.0.0-rc.3 (Dev)
4.0x5.0



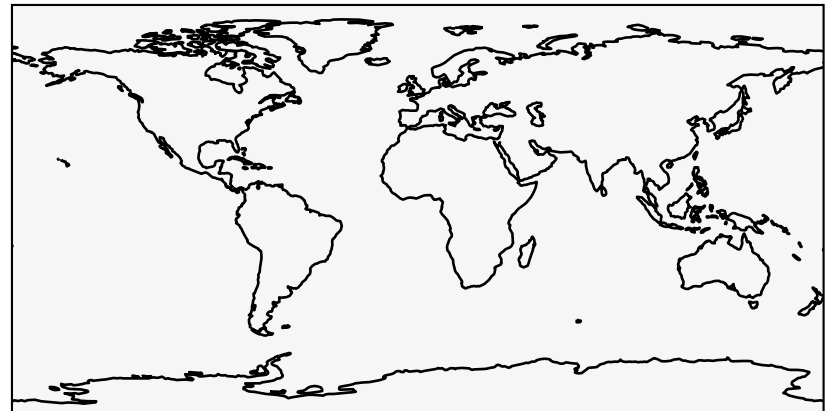
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Restricted Range [5%,95%]



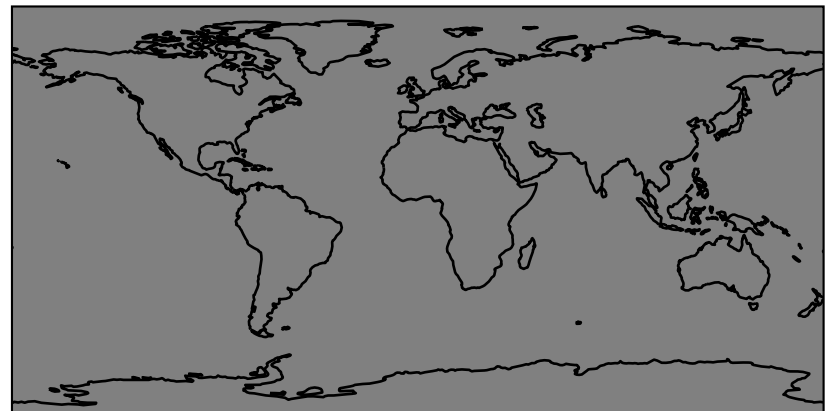
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

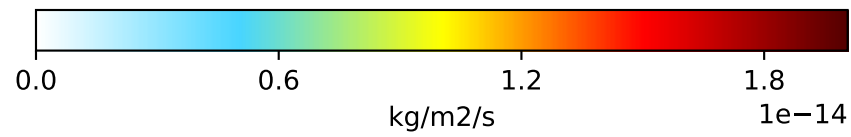
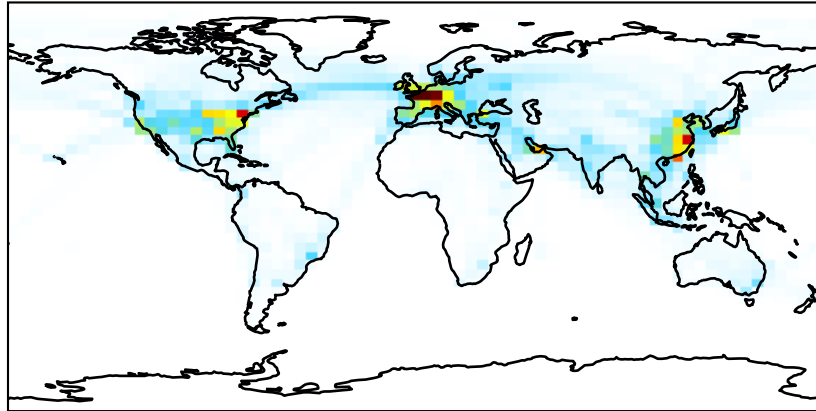
Ratio
Dev/Ref, Fixed Range



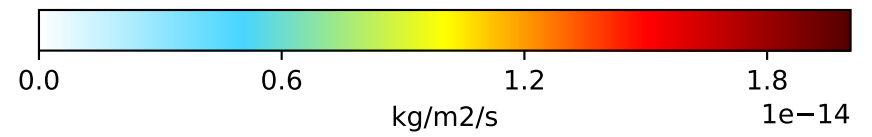
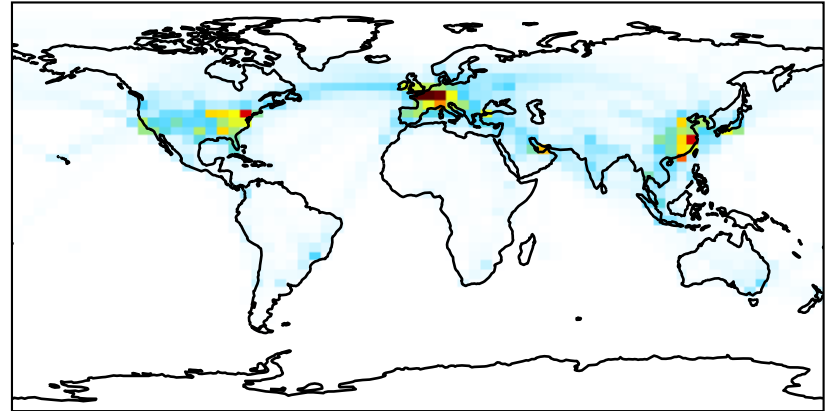
Undefined throughout domain
unitless

EmisSO4_Aircraft (Oct2019)

GCC_13.4.0-rc.4 (Ref)
4.0x5.0



GCC_14.0.0-rc.3 (Dev)
4.0x5.0



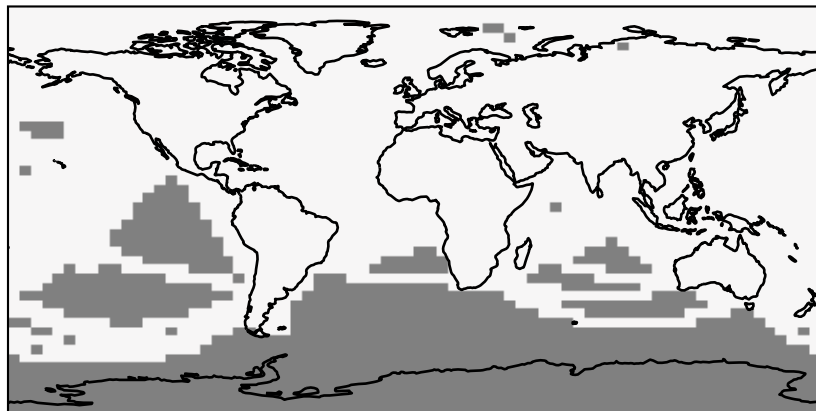
Difference
Dev - Ref, Dynamic Range



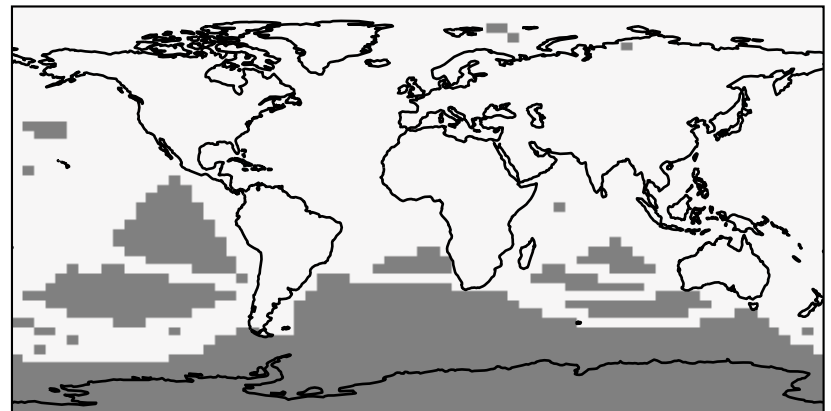
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

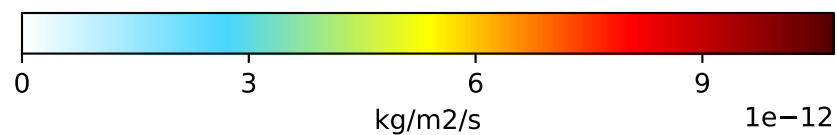
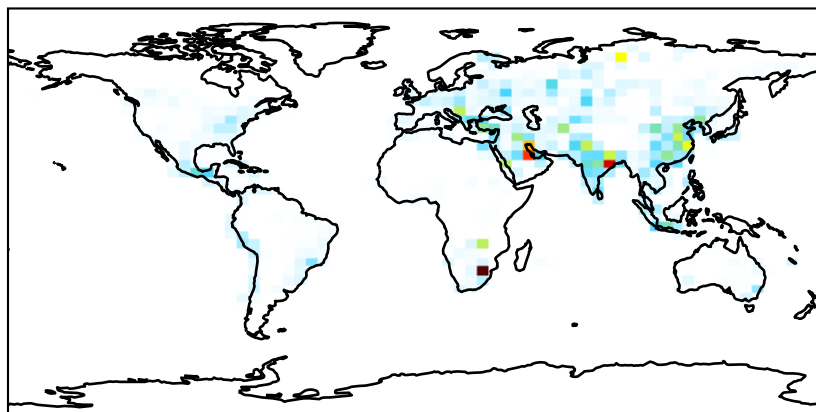


Ratio
Dev/Ref, Fixed Range

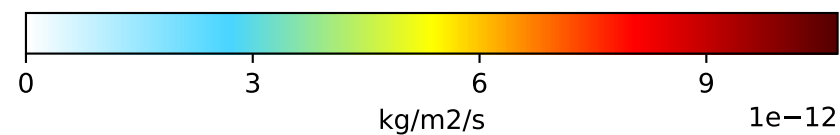
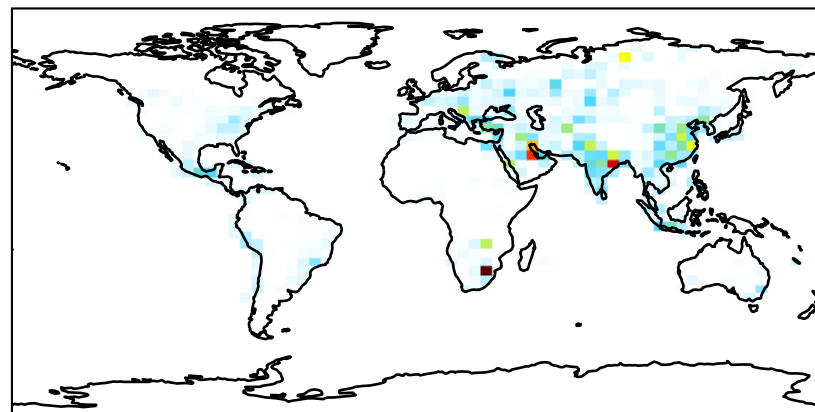


EmisSO4_Anthro (Oct2019)

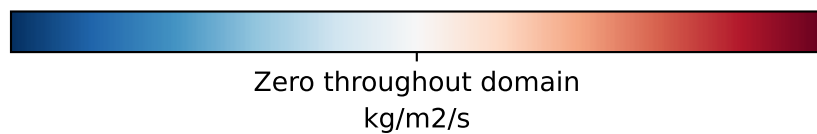
GCC_13.4.0-rc.4 (Ref)
4.0x5.0



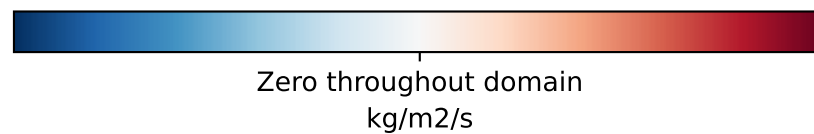
GCC_14.0.0-rc.3 (Dev)
4.0x5.0



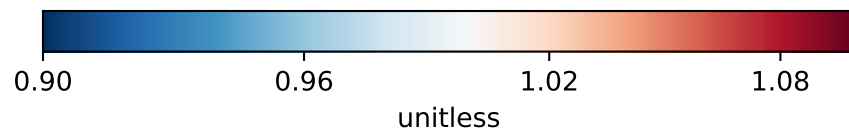
Difference
Dev - Ref, Dynamic Range



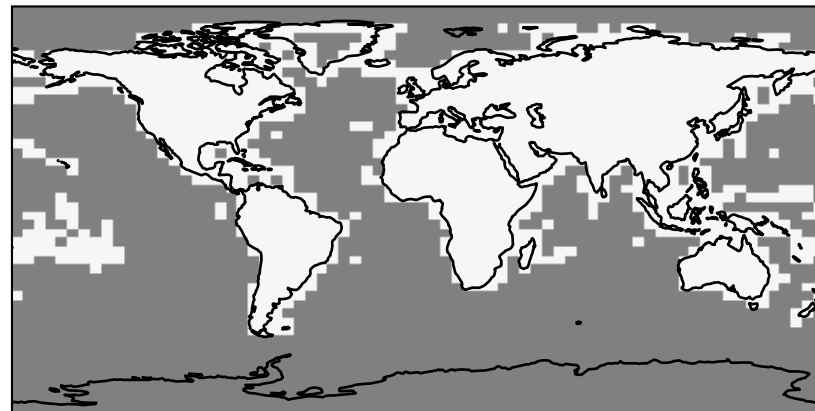
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

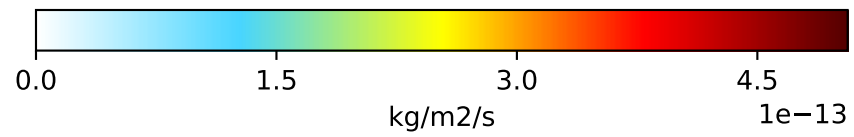
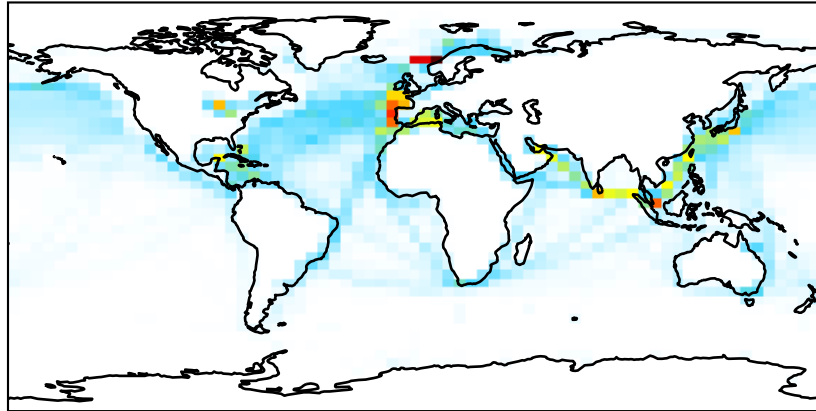


Ratio
Dev/Ref, Fixed Range

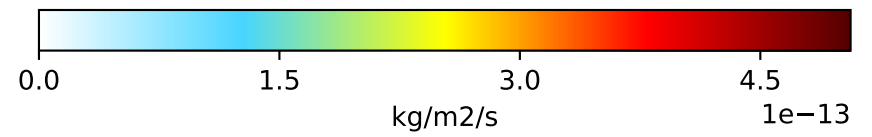
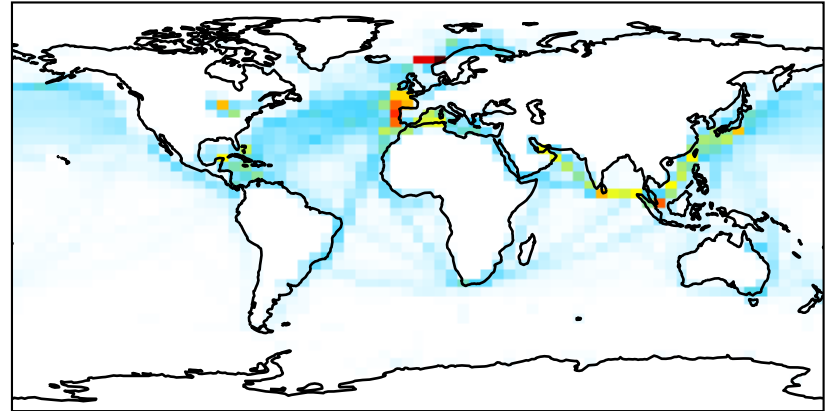


EmisSO4_Ship (Oct2019)

GCC_13.4.0-rc.4 (Ref)
4.0x5.0



GCC_14.0.0-rc.3 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

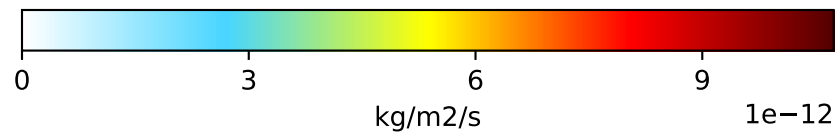
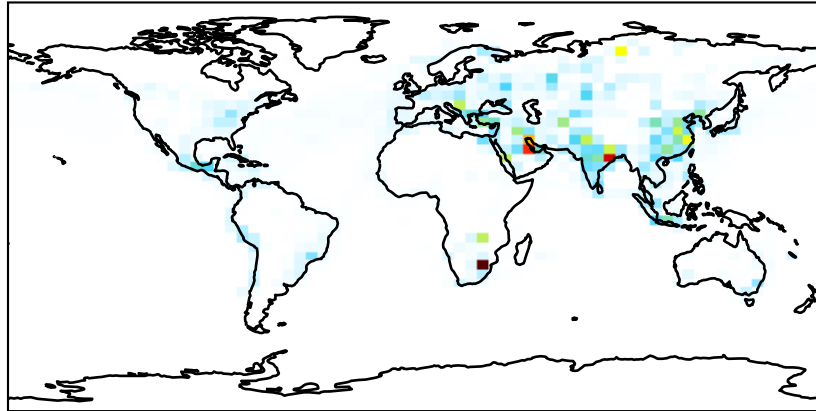


Ratio
Dev/Ref, Fixed Range

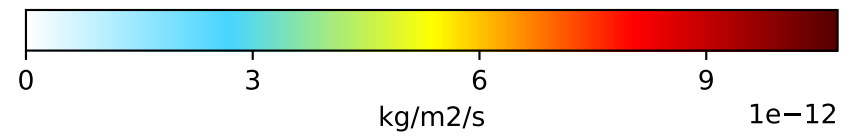
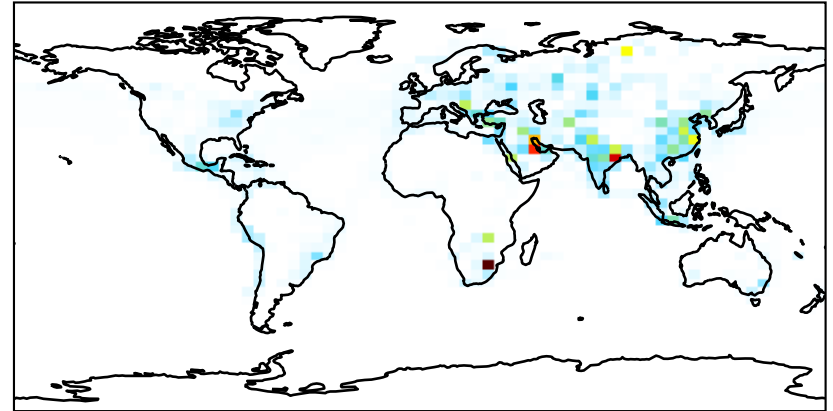


EmisSO4_Total (Oct2019)

GCC_13.4.0-rc.4 (Ref)
4.0x5.0



GCC_14.0.0-rc.3 (Dev)
4.0x5.0

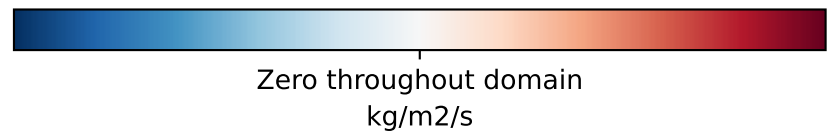
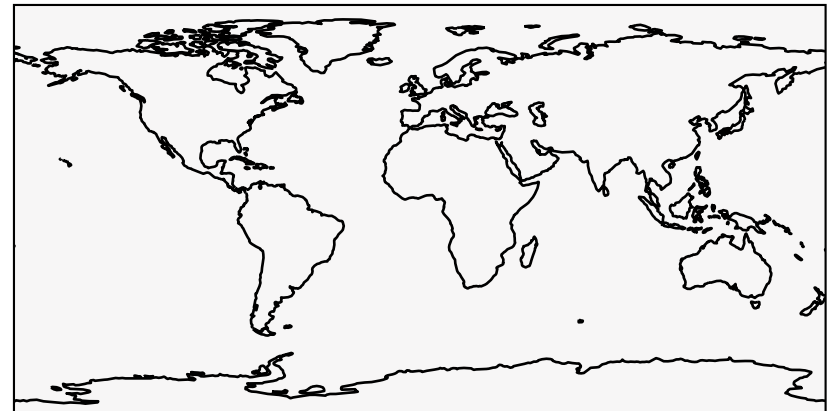


Difference
Dev - Ref, Dynamic Range



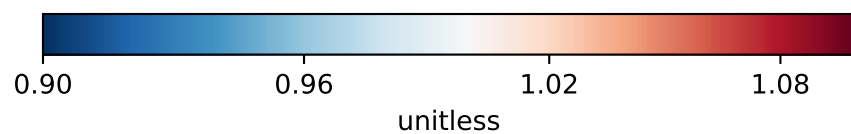
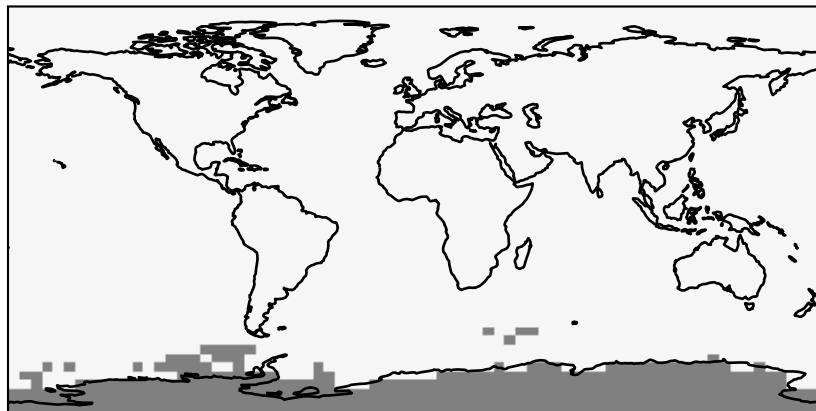
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Restricted Range [5%,95%]



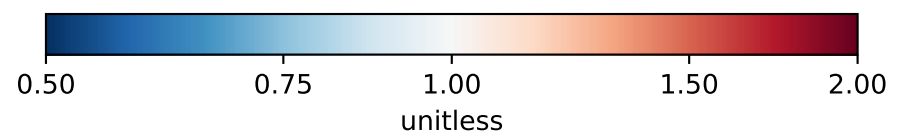
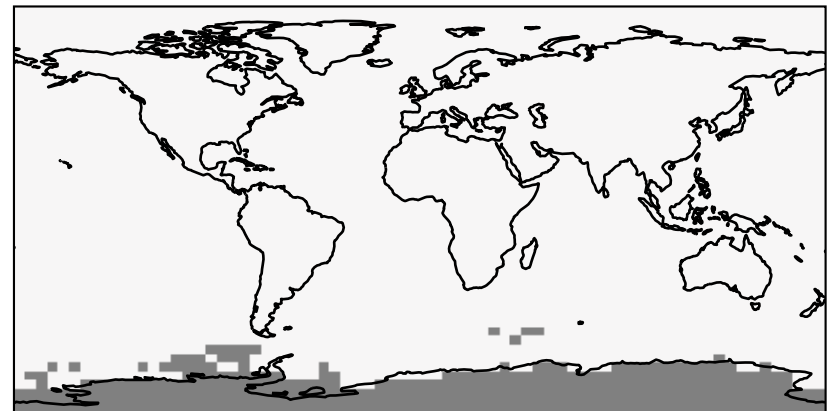
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



unitless

Ratio
Dev/Ref, Fixed Range



unitless