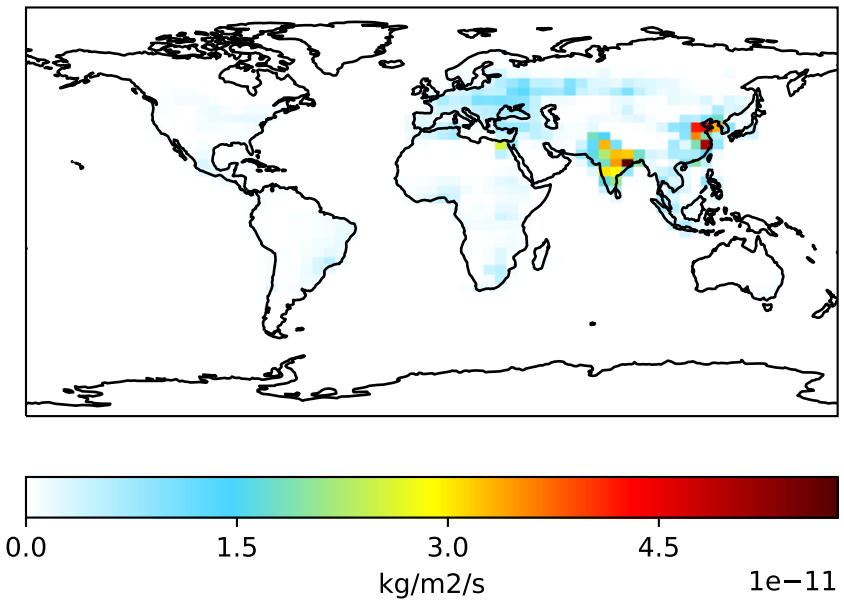
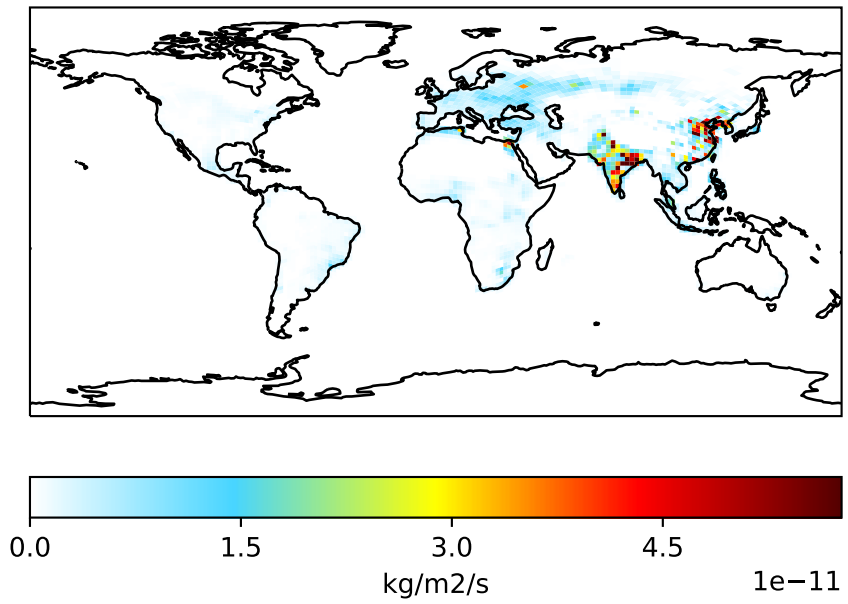
EmisDST1_Anthro (Jan2019)

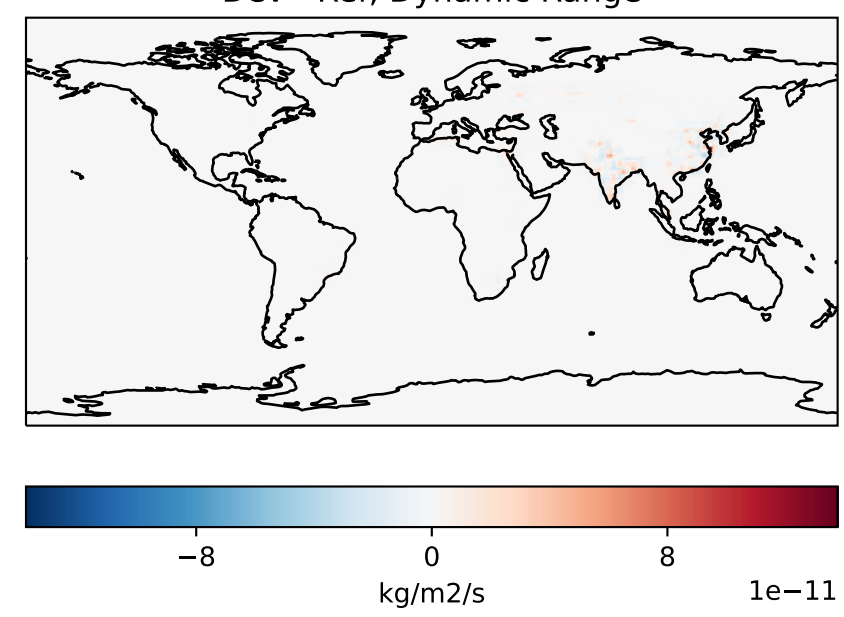
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



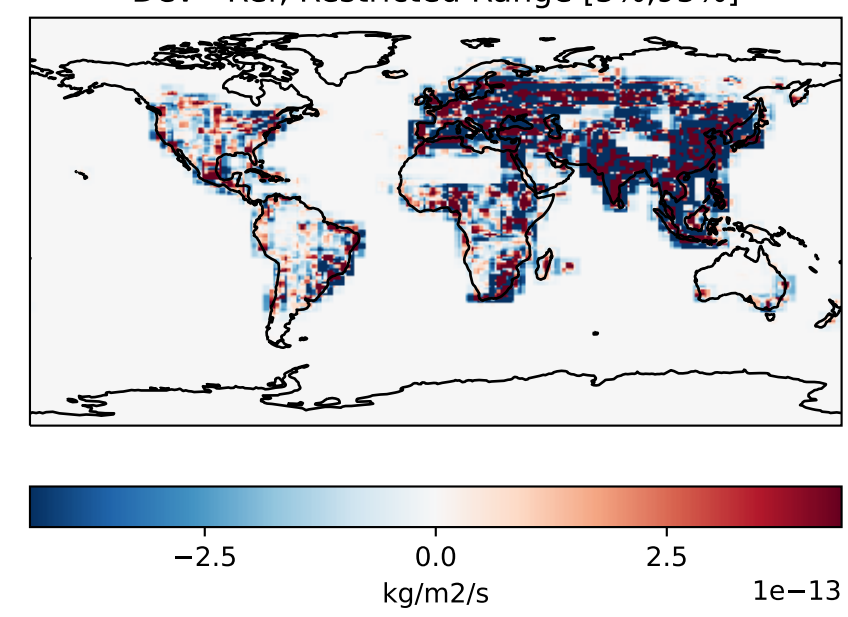
GCHP_13.2.0-LuoWetdep (Dev)
c48



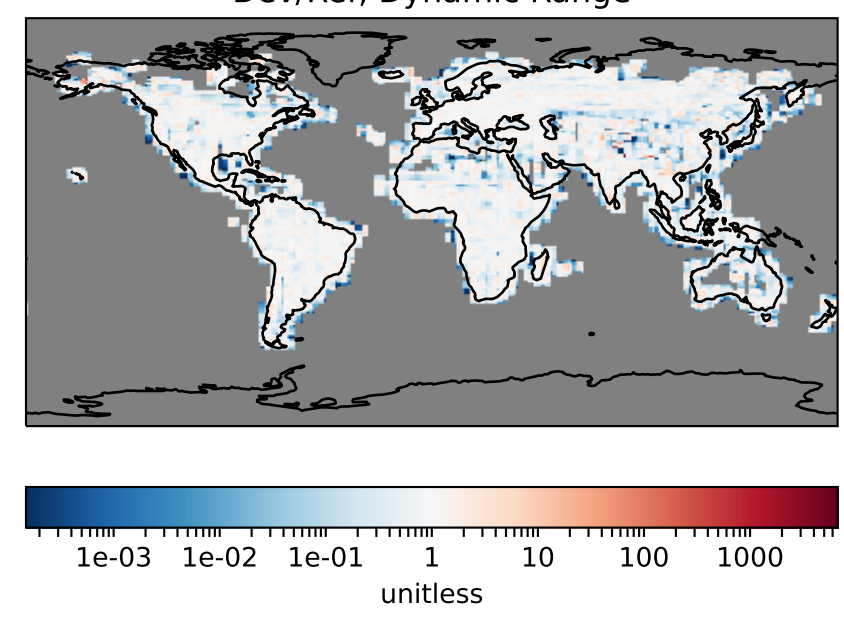
Difference (1x1.25)
Dev - Ref, Dynamic Range



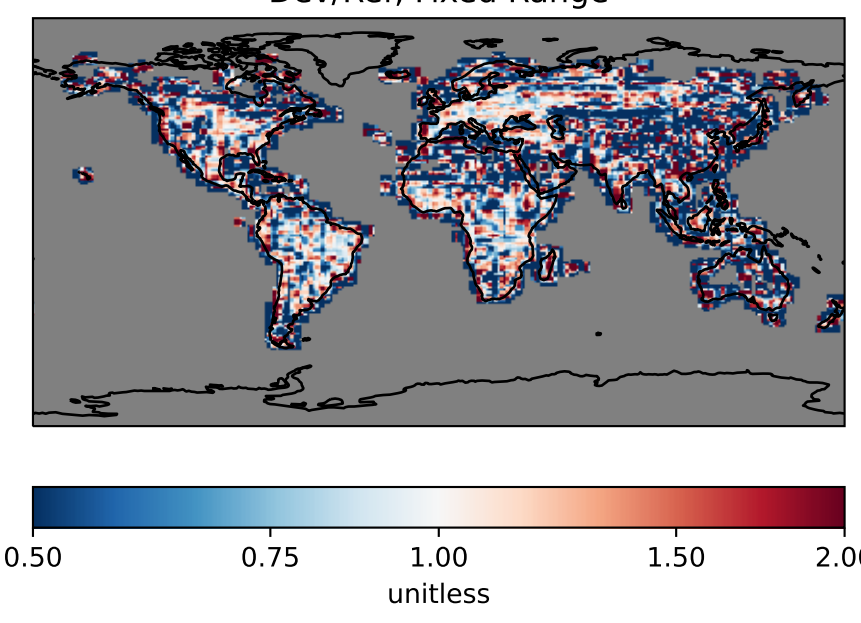
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

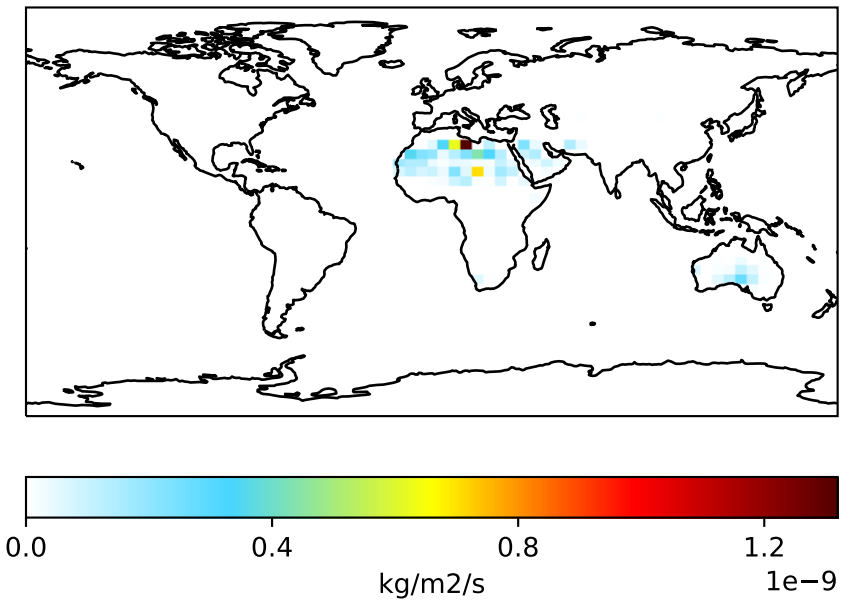


Ratio (1x1.25)
Dev/Ref, Fixed Range

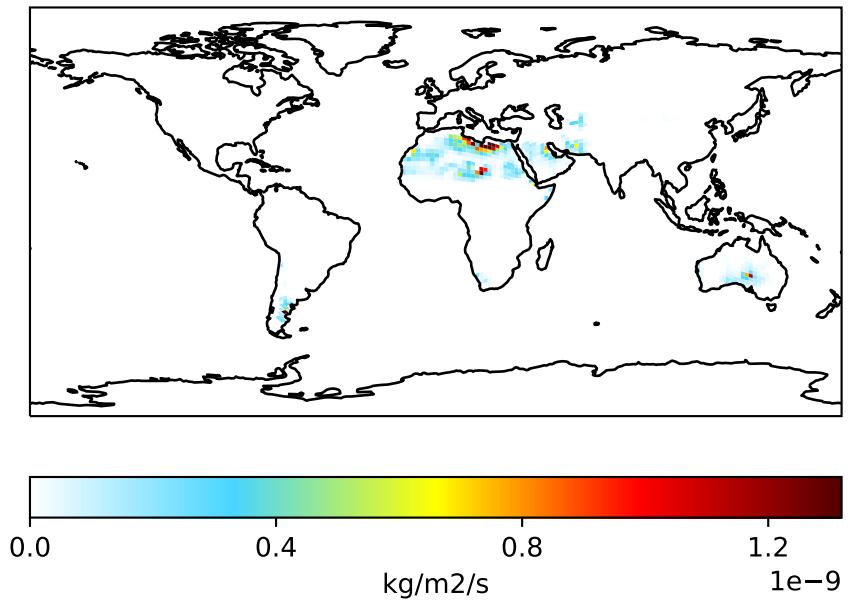


EmisDST1_Natural (Jan2019)

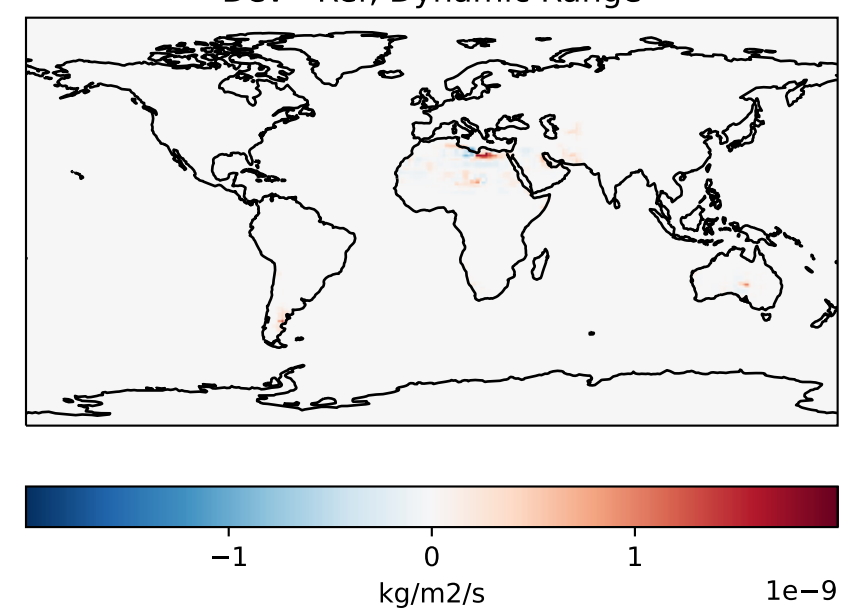
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



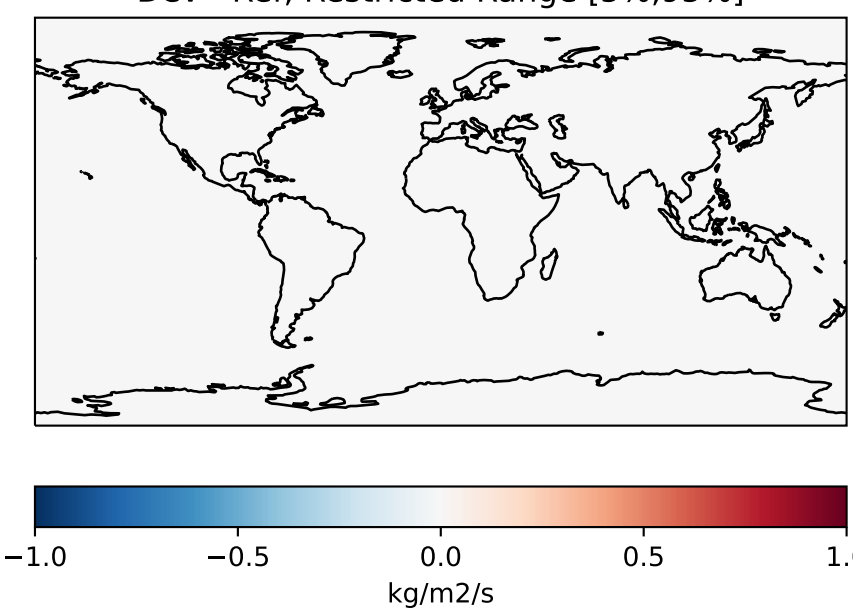
GCHP_13.2.0-LuoWetdep (Dev)
c48



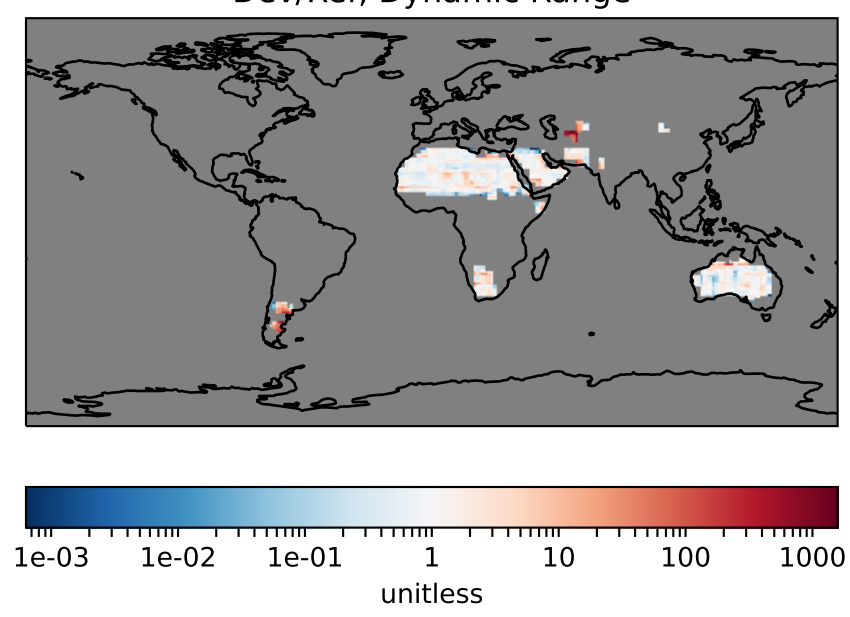
Difference (1x1.25)
Dev - Ref, Dynamic Range



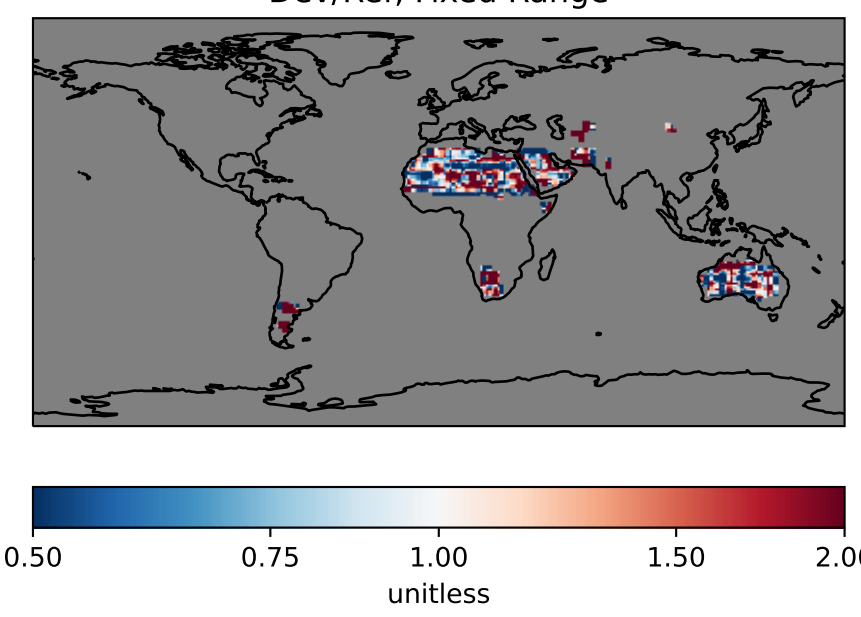
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

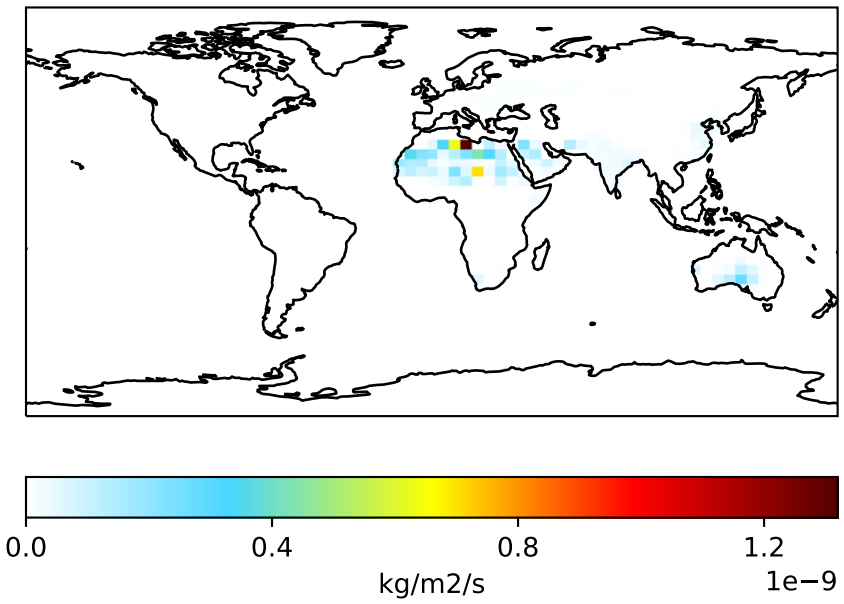


Ratio (1x1.25)
Dev/Ref, Fixed Range

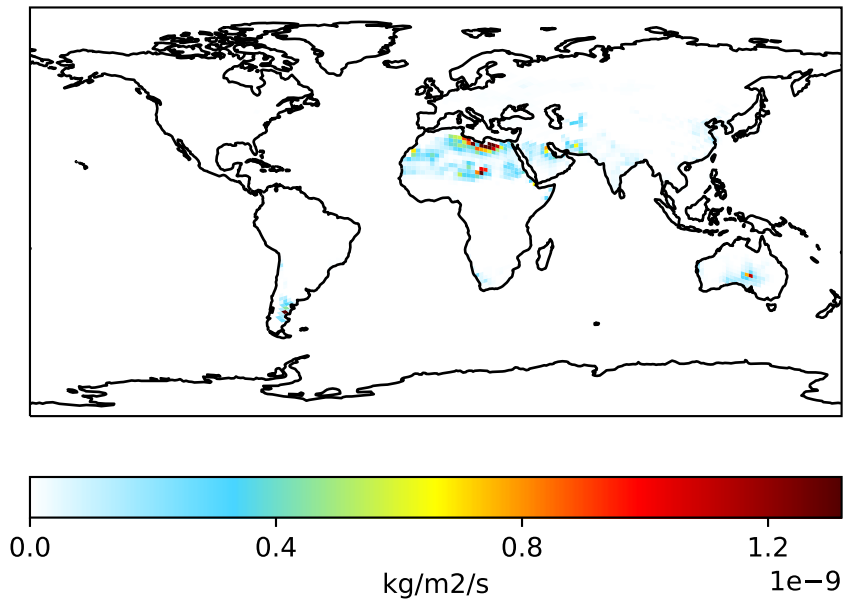


EmisDST1_Total (Jan2019)

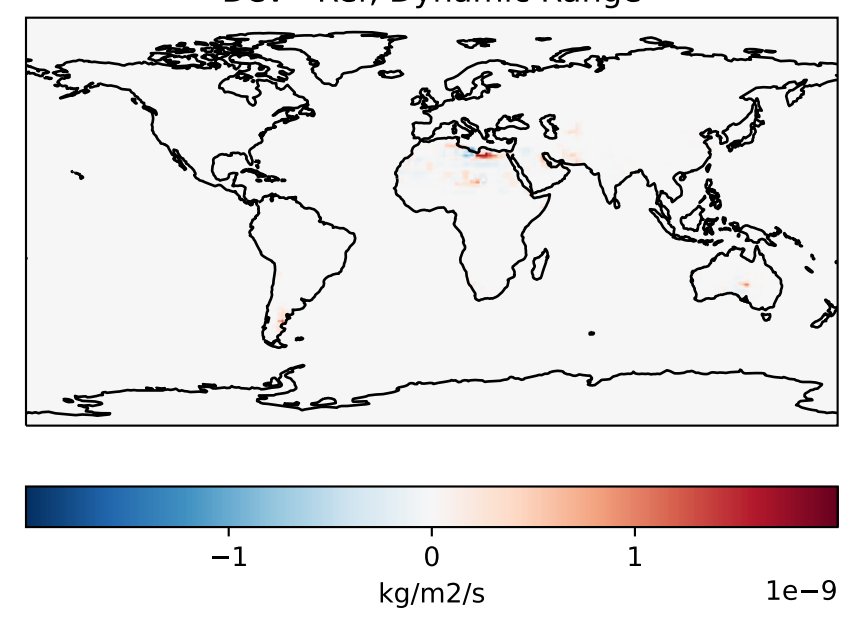
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



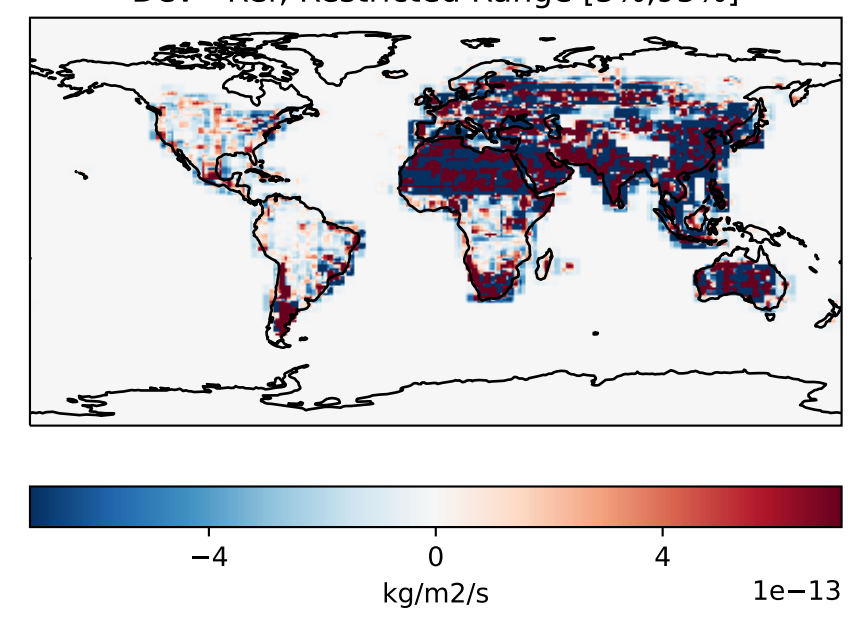
GCHP_13.2.0-LuoWetdep (Dev)
c48



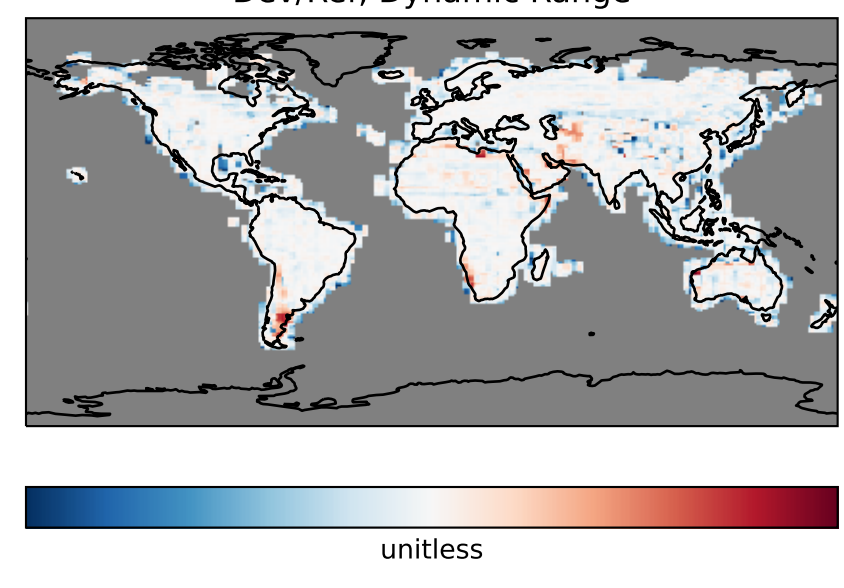
Difference (1x1.25)
Dev - Ref, Dynamic Range



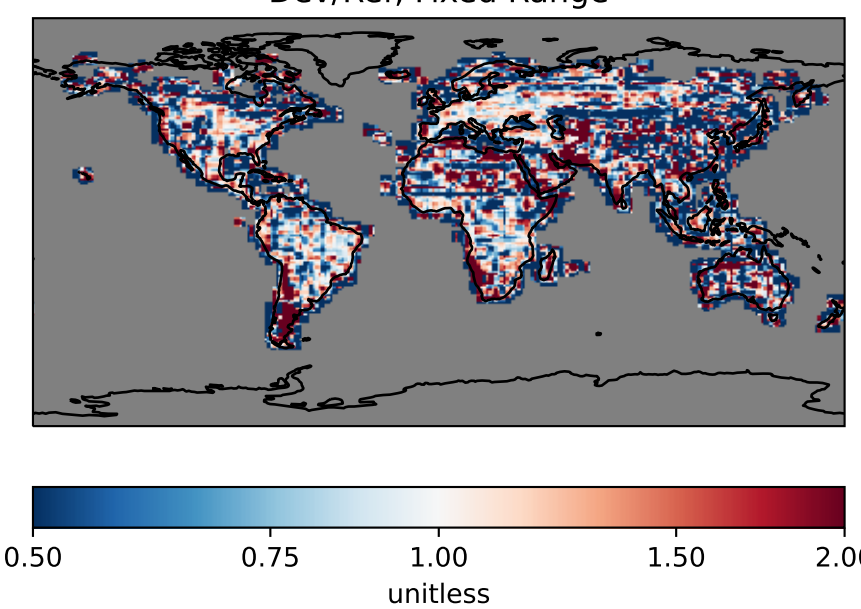
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

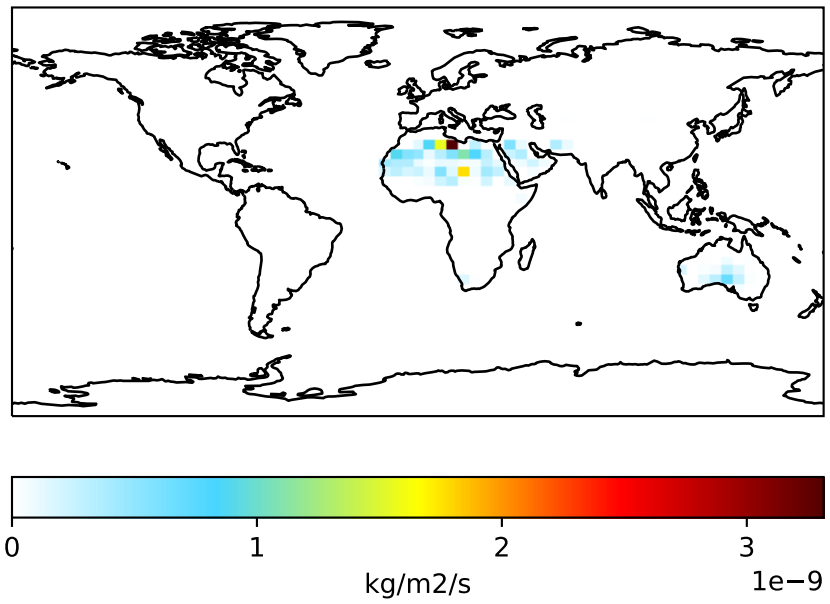


Ratio (1x1.25)
Dev/Ref, Fixed Range

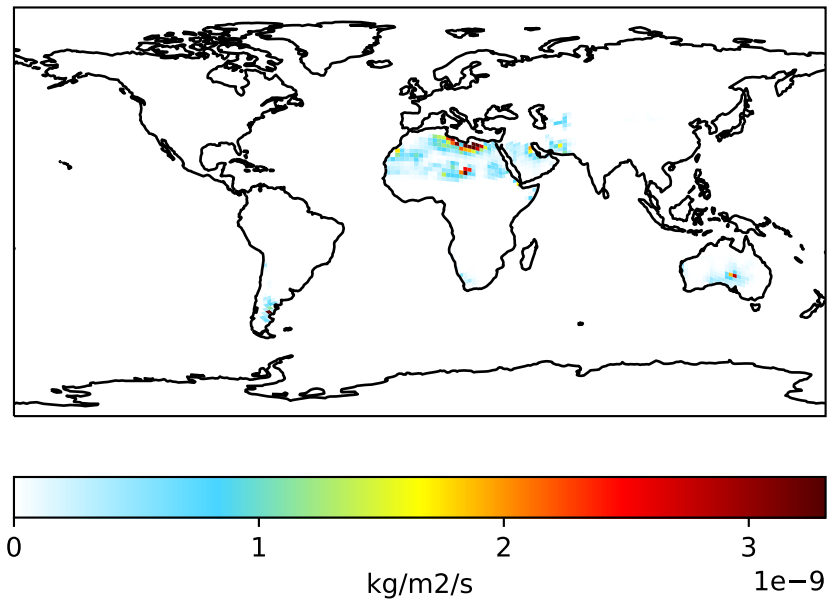


EmisDST2_Natural (Jan2019)

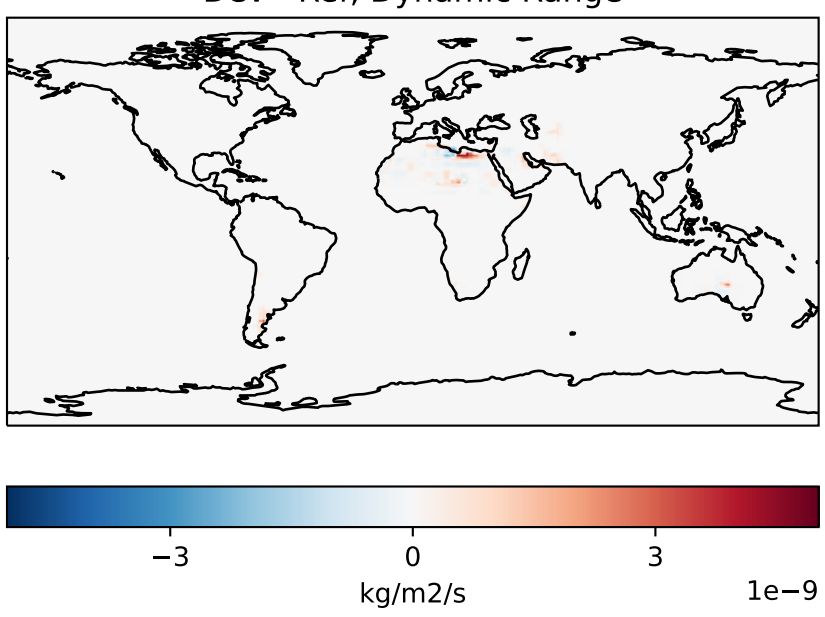
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



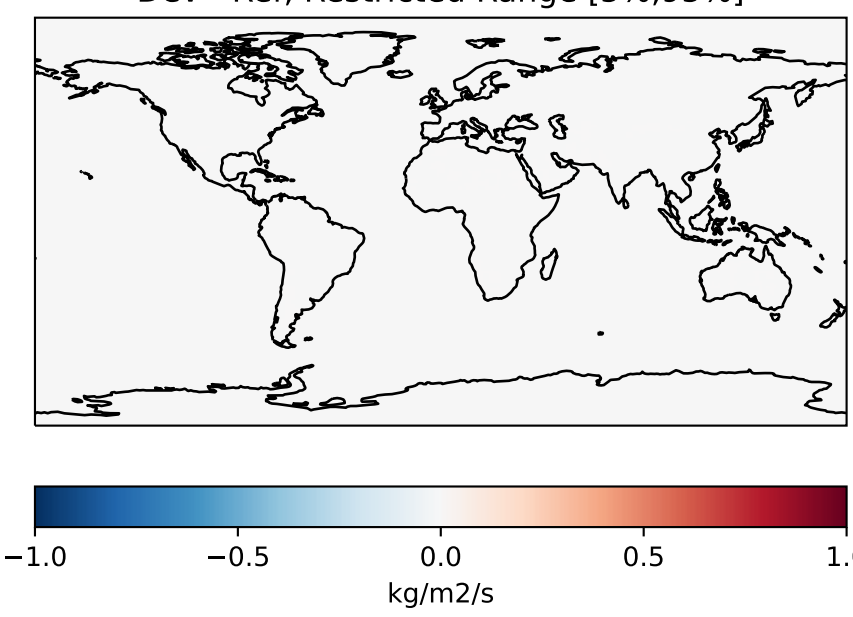
GCHP_13.2.0-LuoWetdep (Dev)
c48



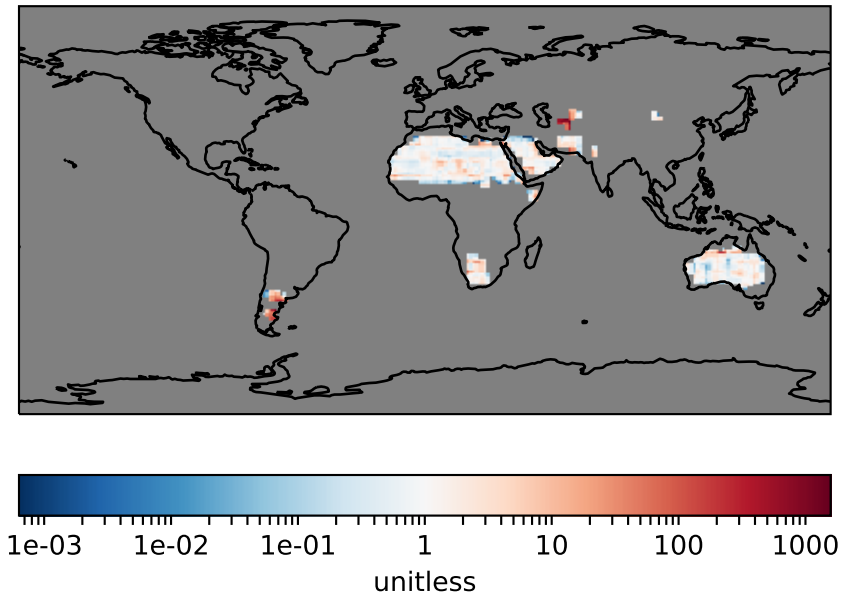
Difference (1x1.25)
Dev - Ref, Dynamic Range



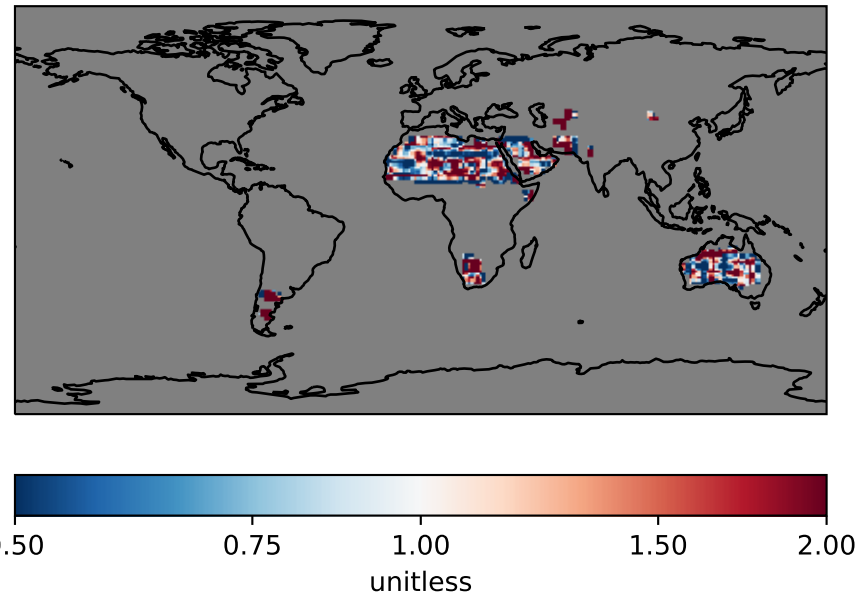
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

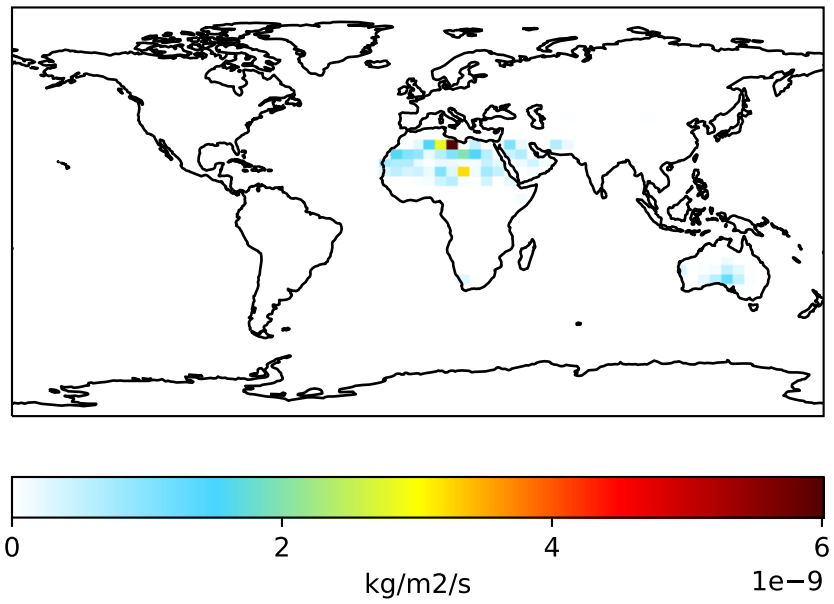


Ratio (1x1.25)
Dev/Ref, Fixed Range

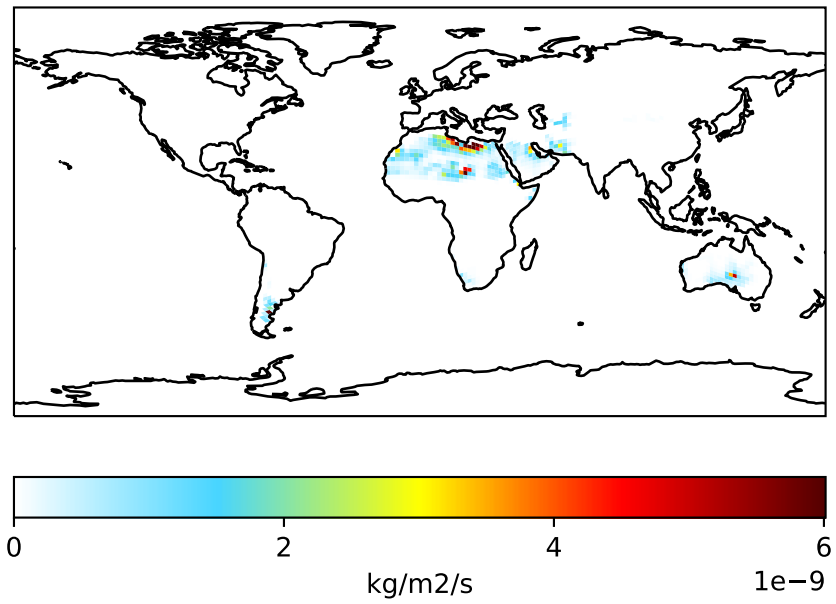


EmisDST3_Natural (Jan2019)

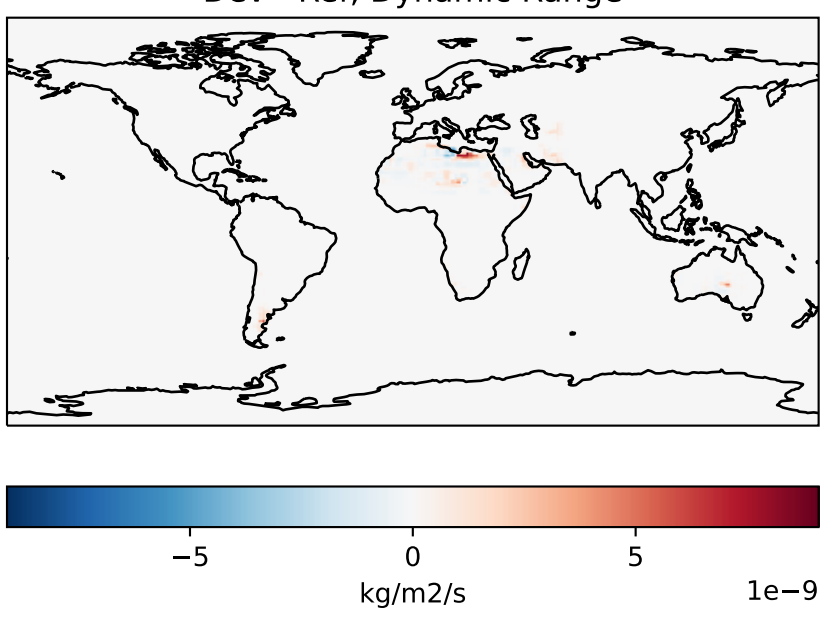
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



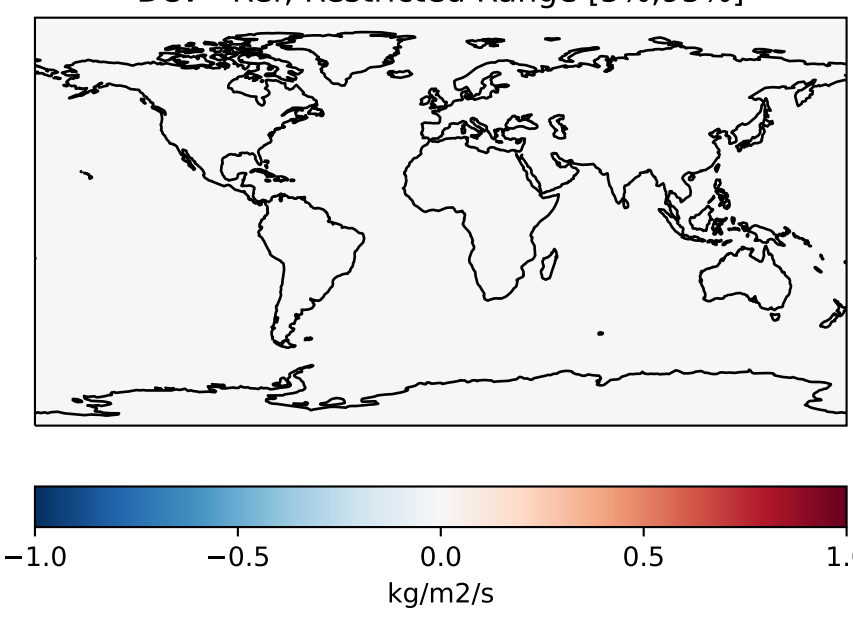
GCHP_13.2.0-LuoWetdep (Dev)
c48



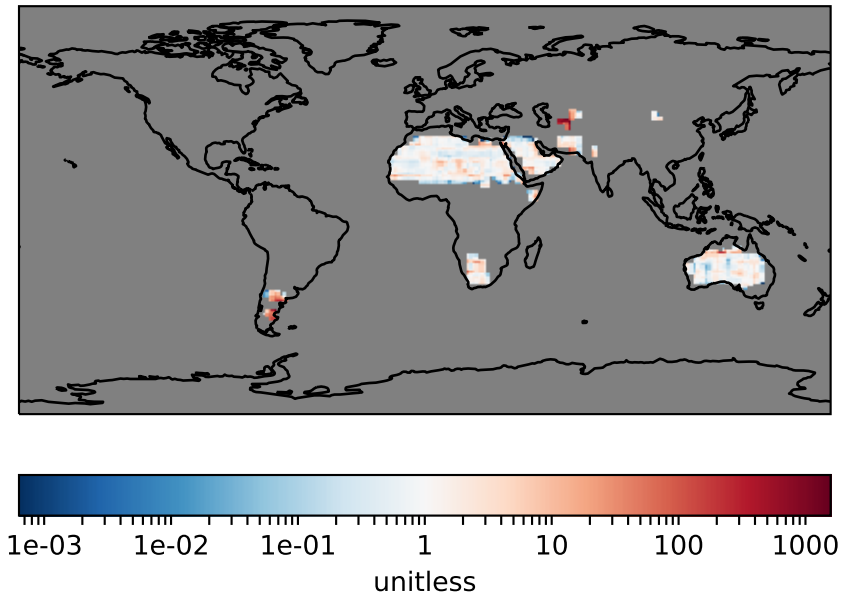
Difference (1x1.25)
Dev - Ref, Dynamic Range



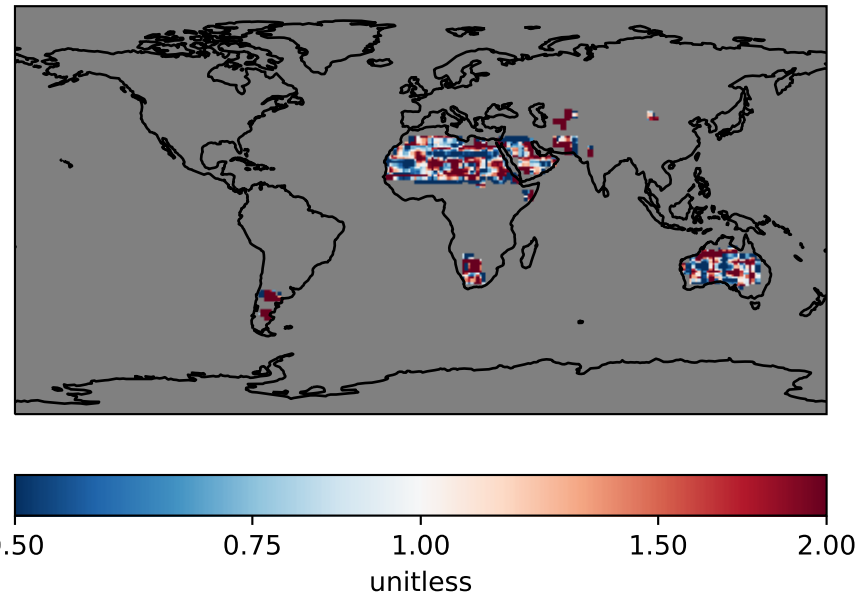
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

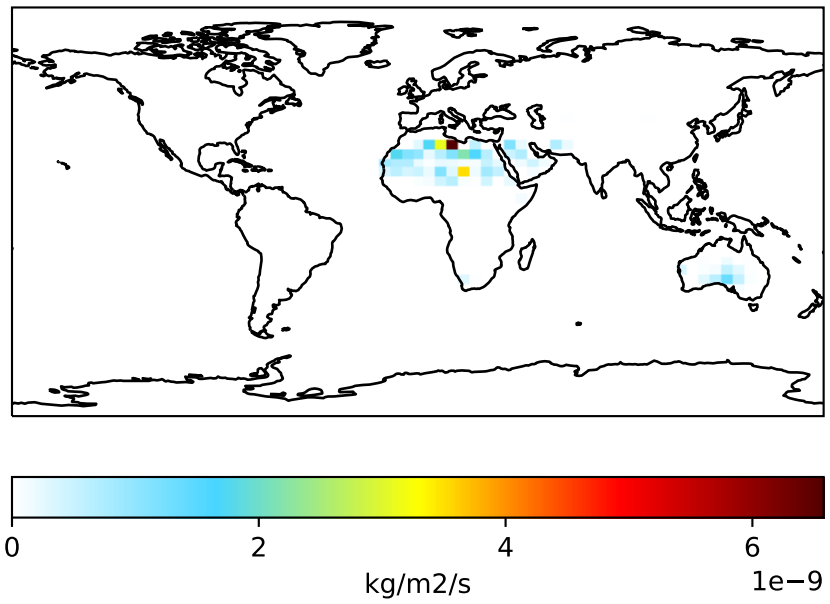


Ratio (1x1.25)
Dev/Ref, Fixed Range

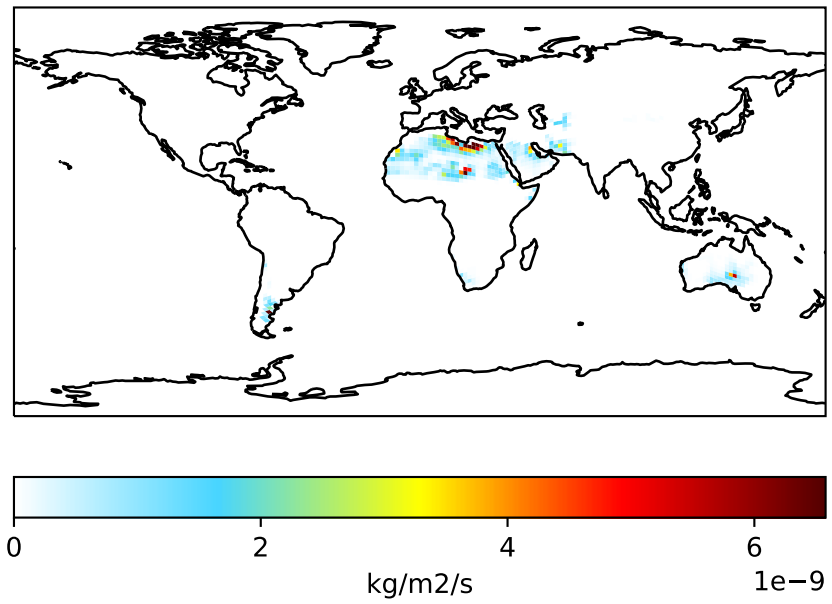


EmisDST4_Natural (Jan2019)

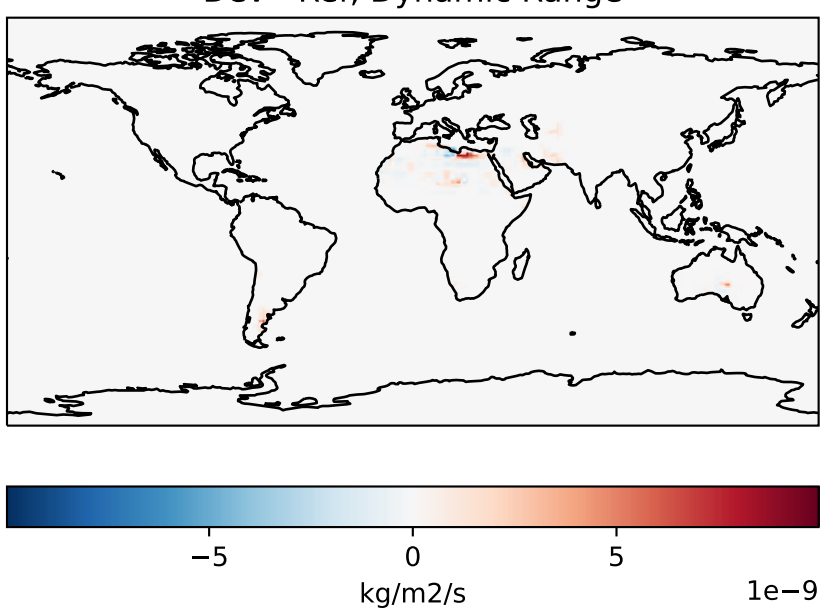
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



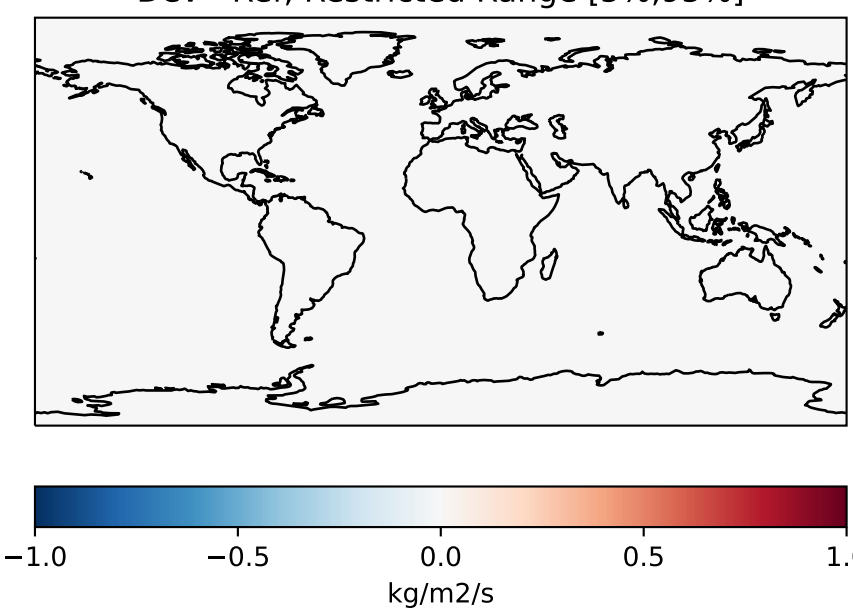
GCHP_13.2.0-LuoWetdep (Dev)
c48



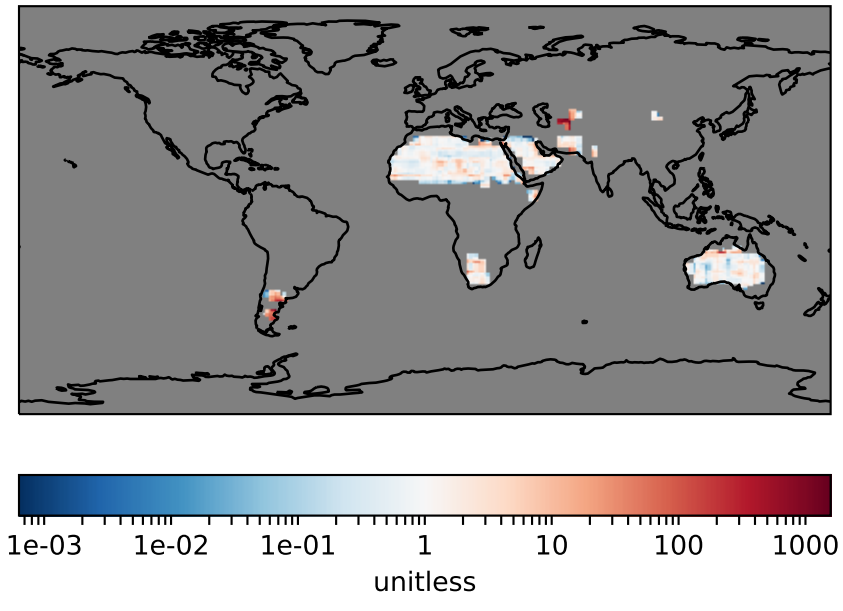
Difference (1x1.25)
Dev - Ref, Dynamic Range



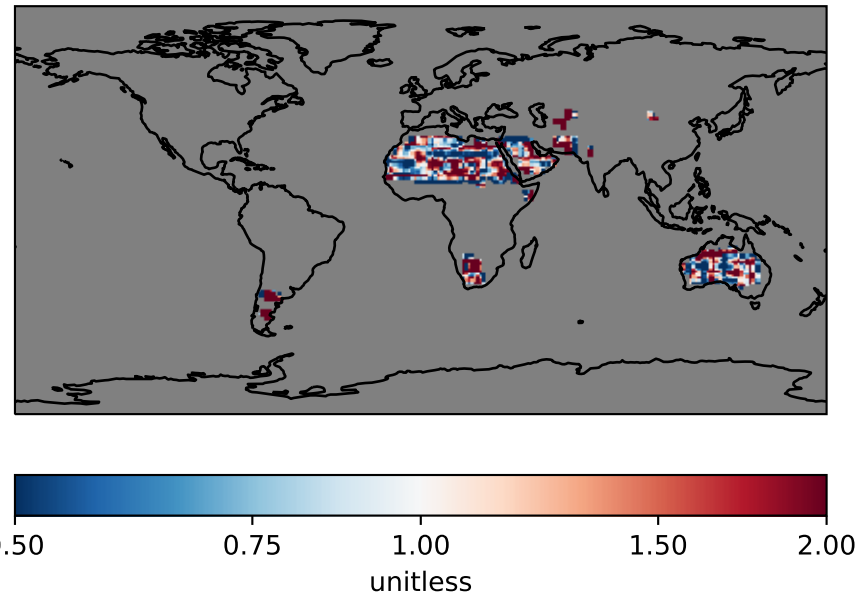
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

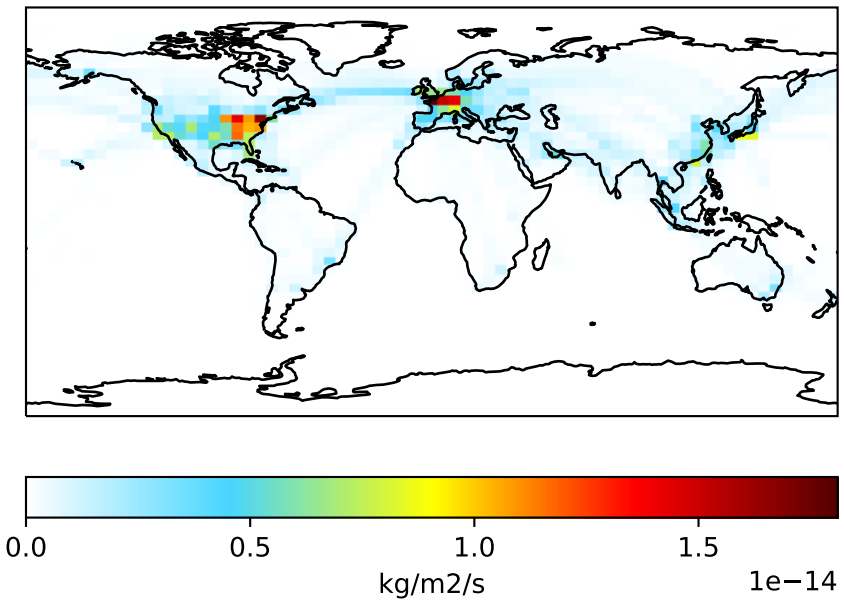


Ratio (1x1.25)
Dev/Ref, Fixed Range

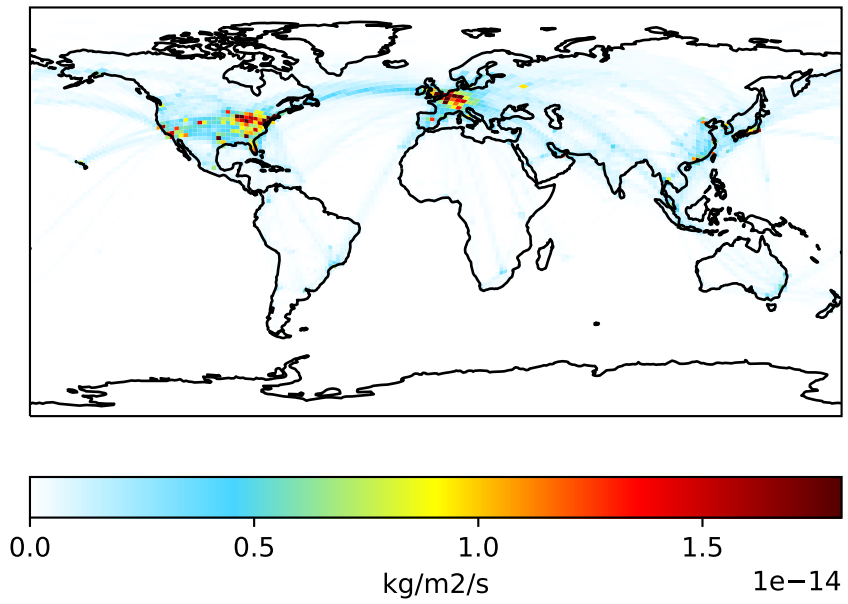


EmisSO4_Aircraft (Jan2019)

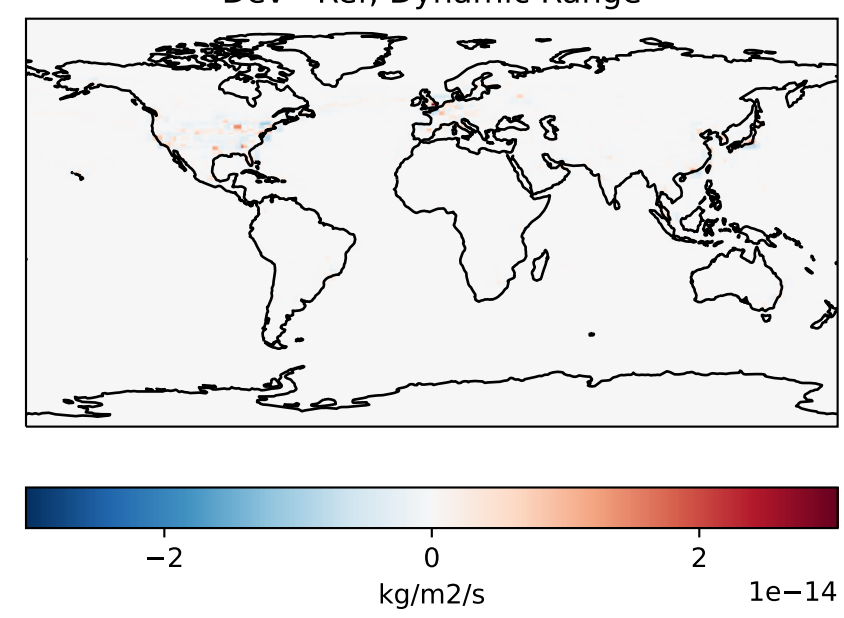
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



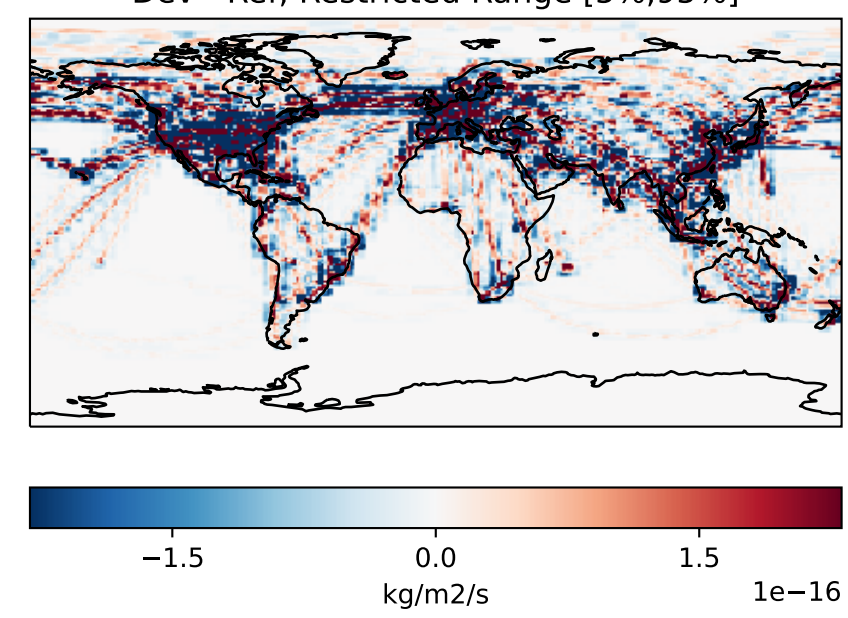
GCHP_13.2.0-LuoWetdep (Dev)
c48



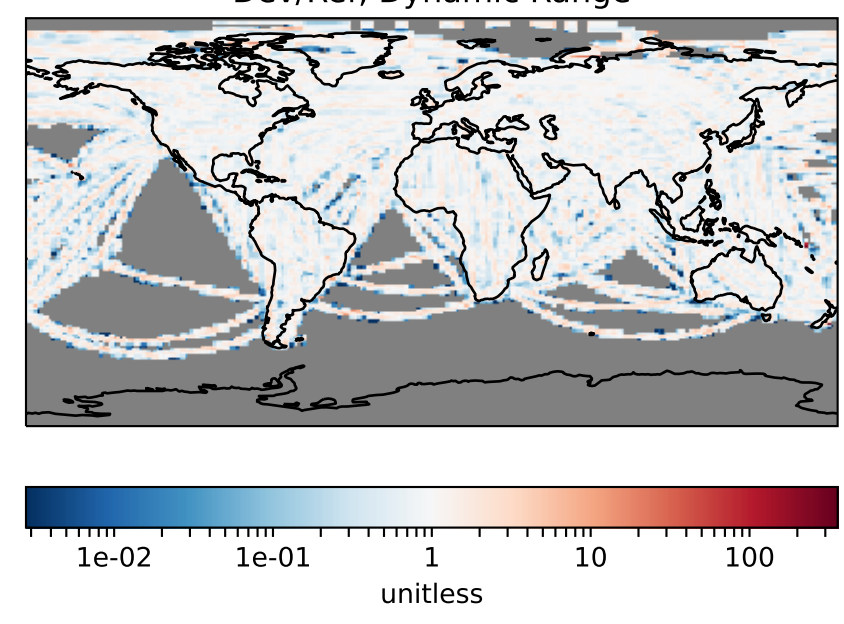
Difference (1x1.25)
Dev - Ref, Dynamic Range



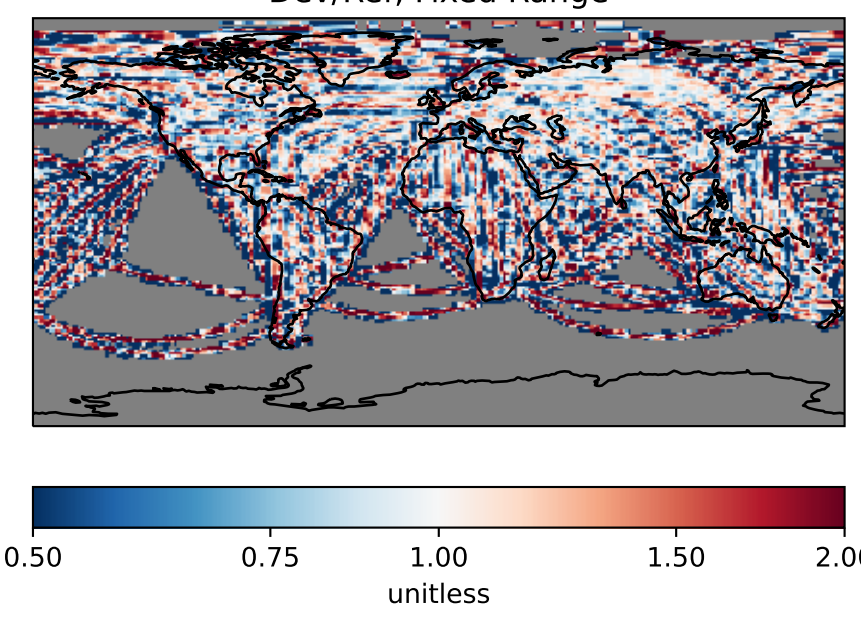
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

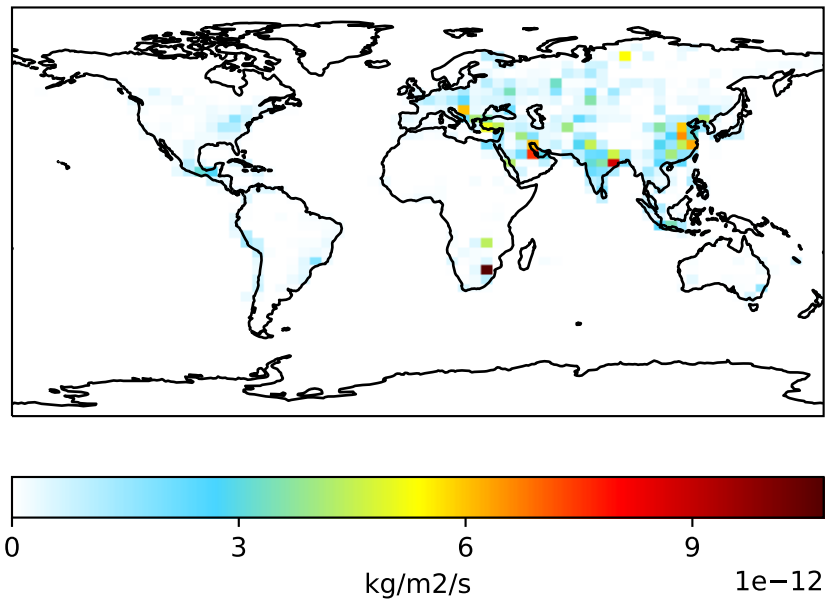


Ratio (1x1.25)
Dev/Ref, Fixed Range

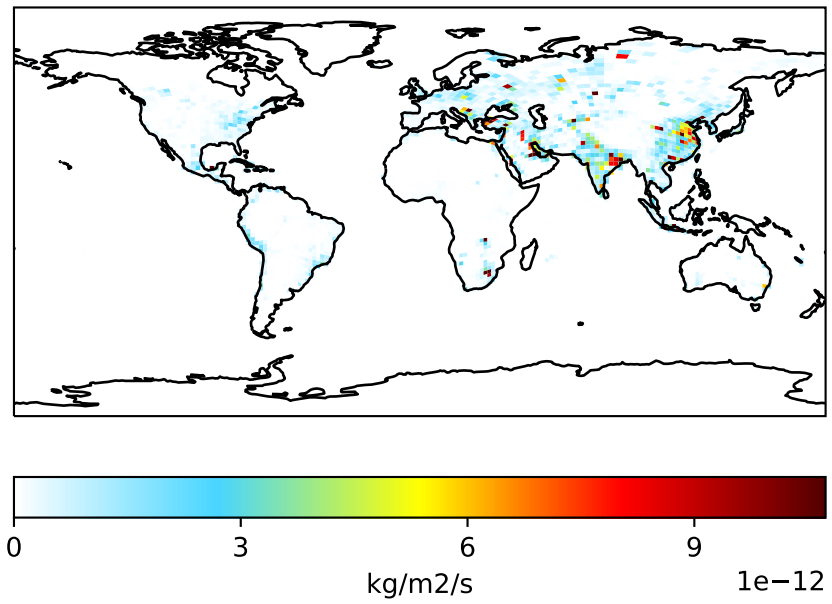


EmisSO4_Anthro (Jan2019)

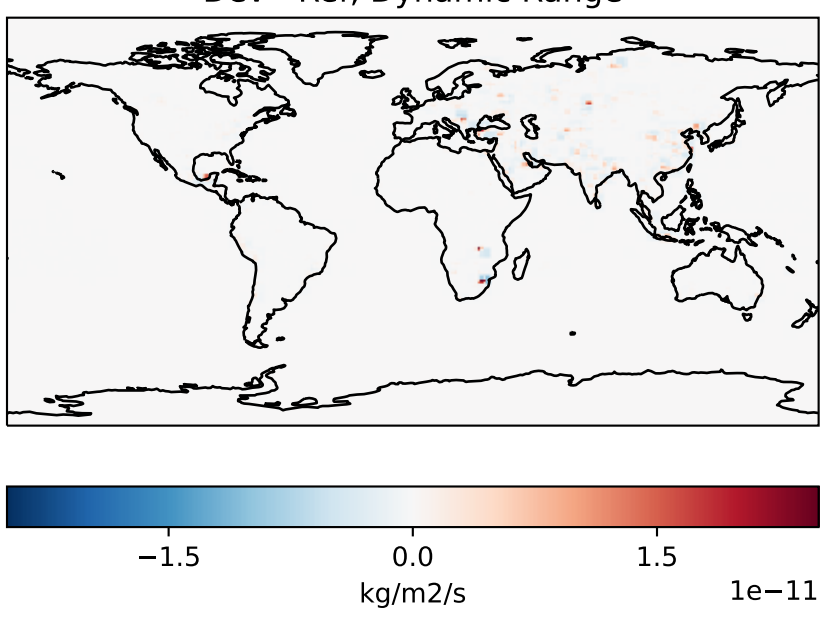
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



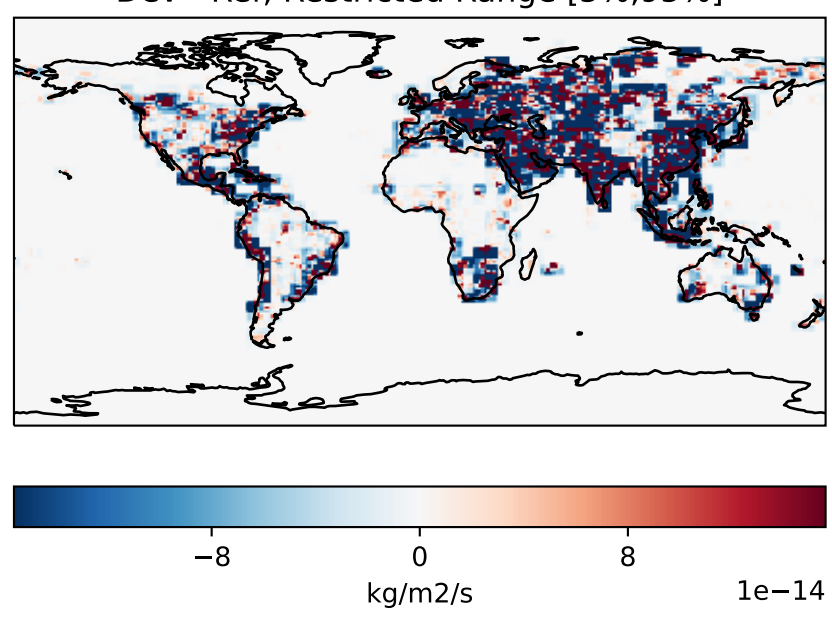
GCHP_13.2.0-LuoWetdep (Dev)
c48



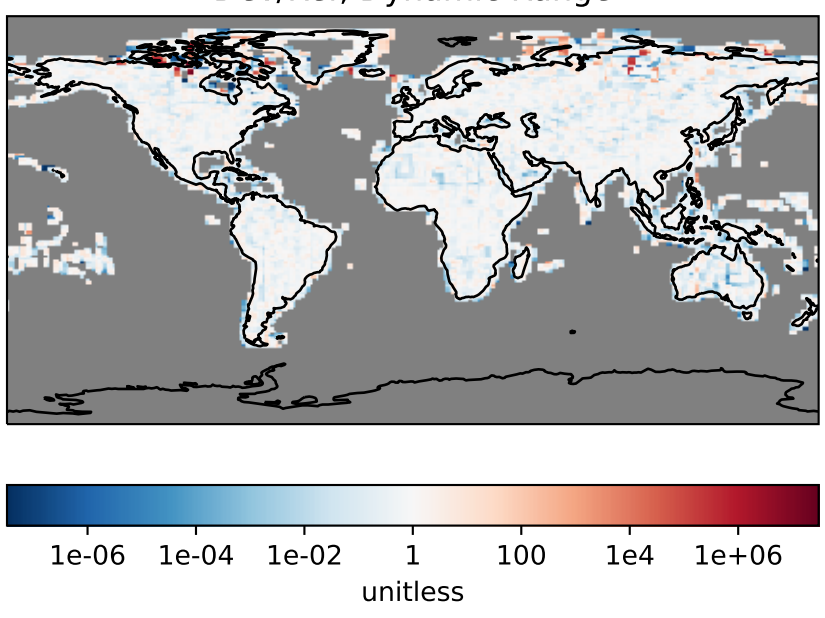
Difference (1x1.25)
Dev - Ref, Dynamic Range



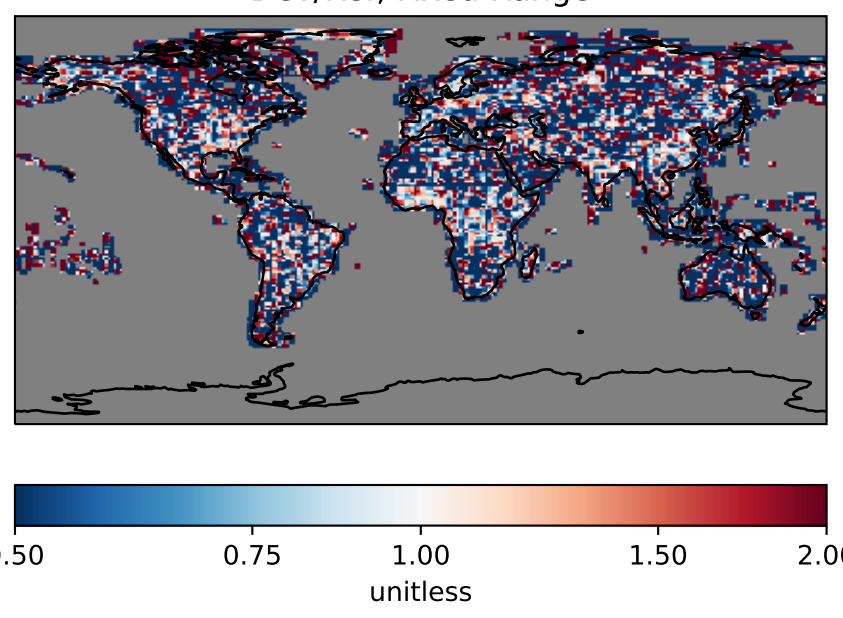
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

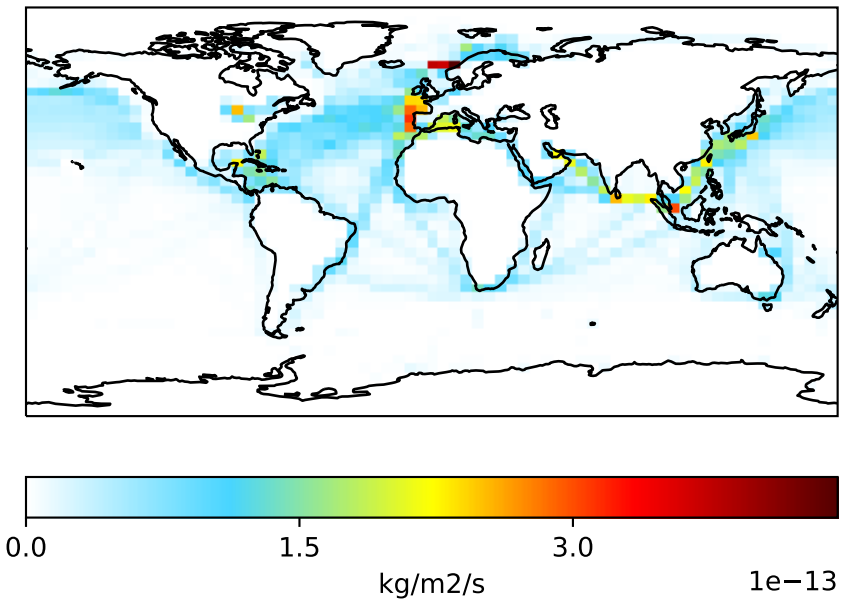


Ratio (1x1.25)
Dev/Ref, Fixed Range

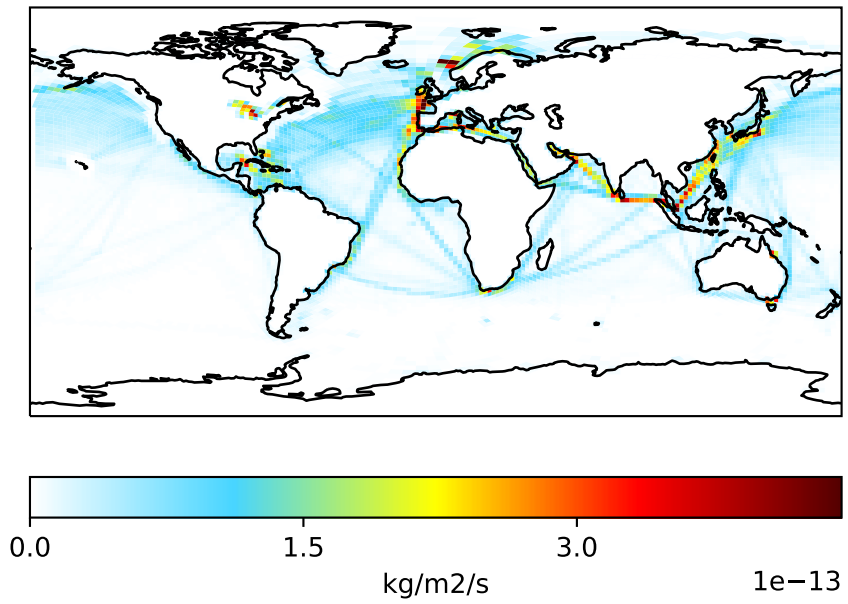


EmisSO4_Ship (Jan2019)

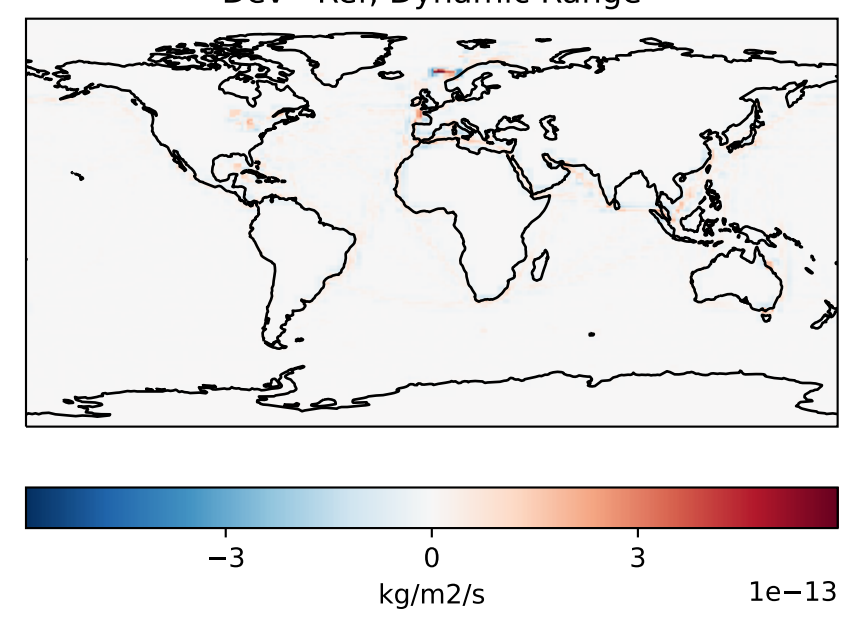
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



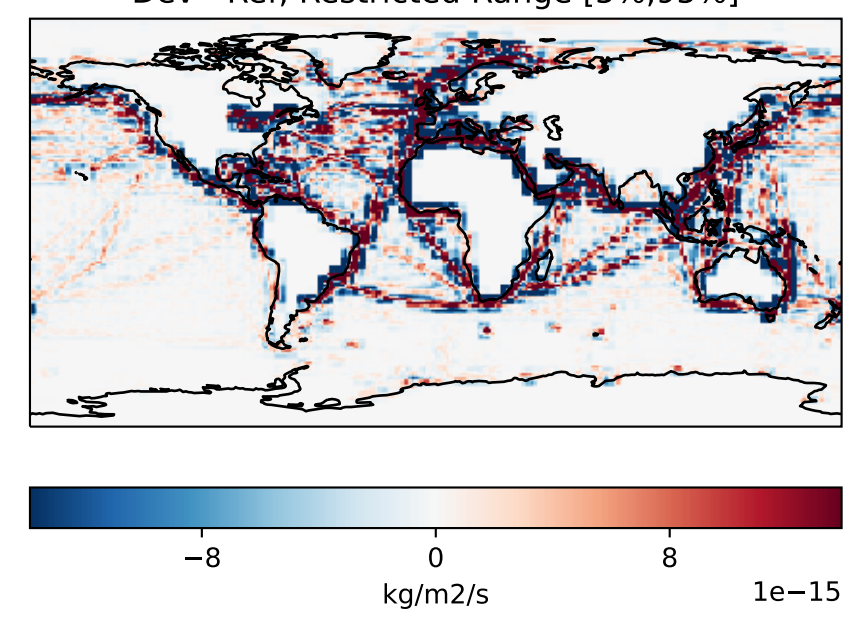
GCHP_13.2.0-LuoWetdep (Dev)
c48



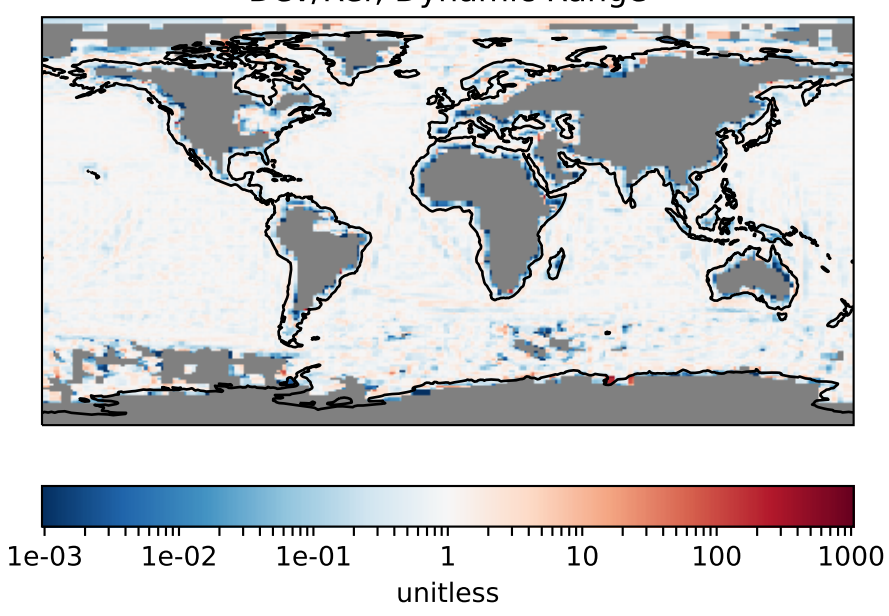
Difference (1x1.25)
Dev - Ref, Dynamic Range



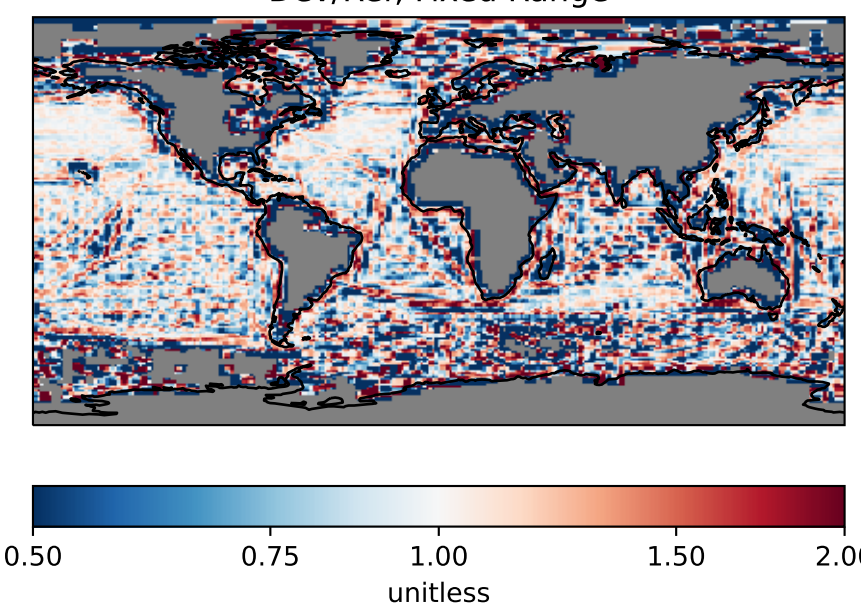
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

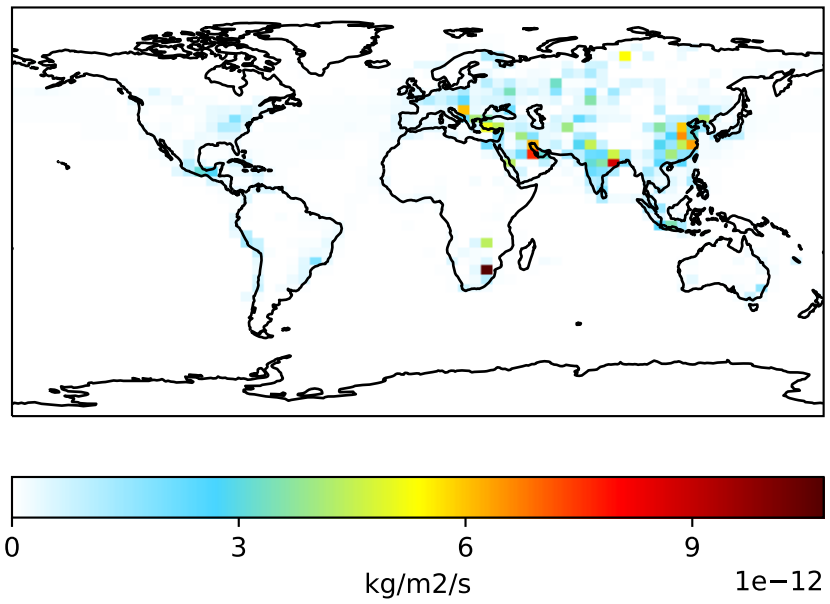


Ratio (1x1.25)
Dev/Ref, Fixed Range

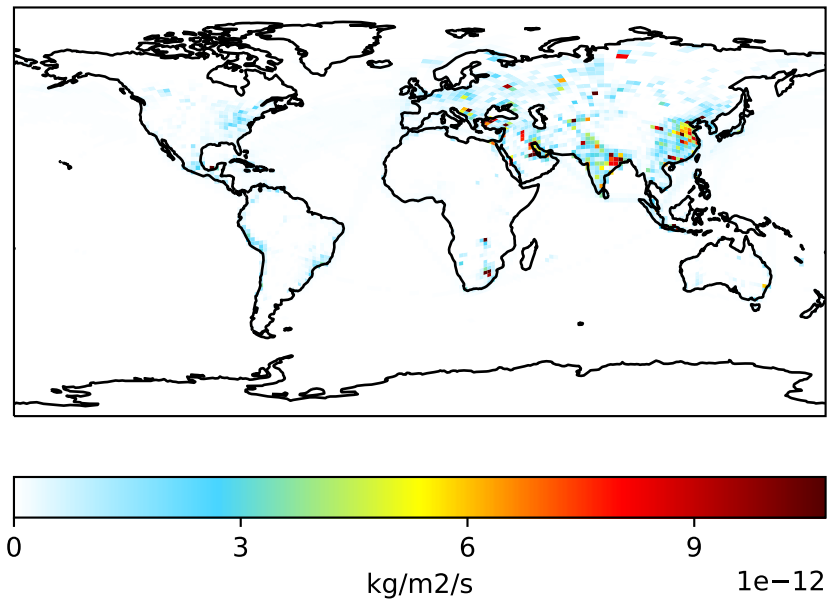


EmisSO4_Total (Jan2019)

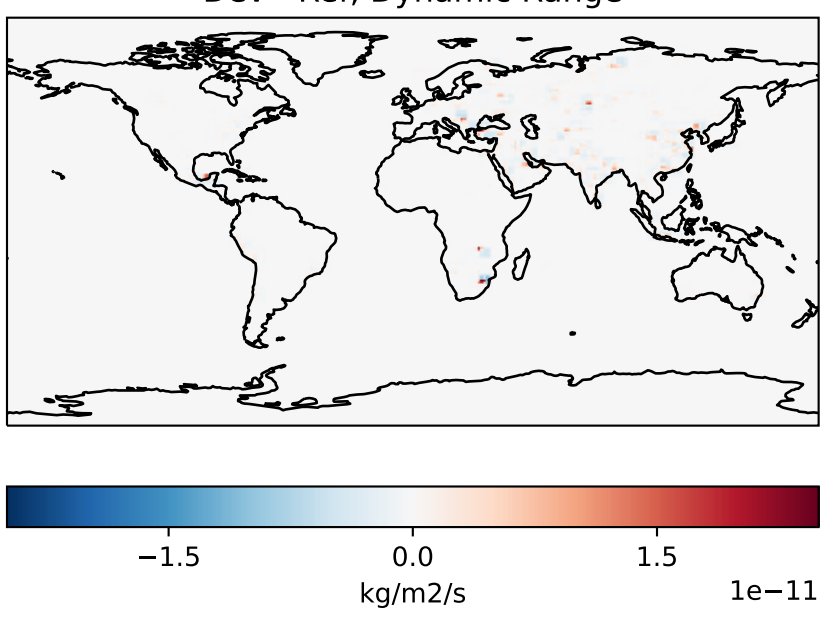
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



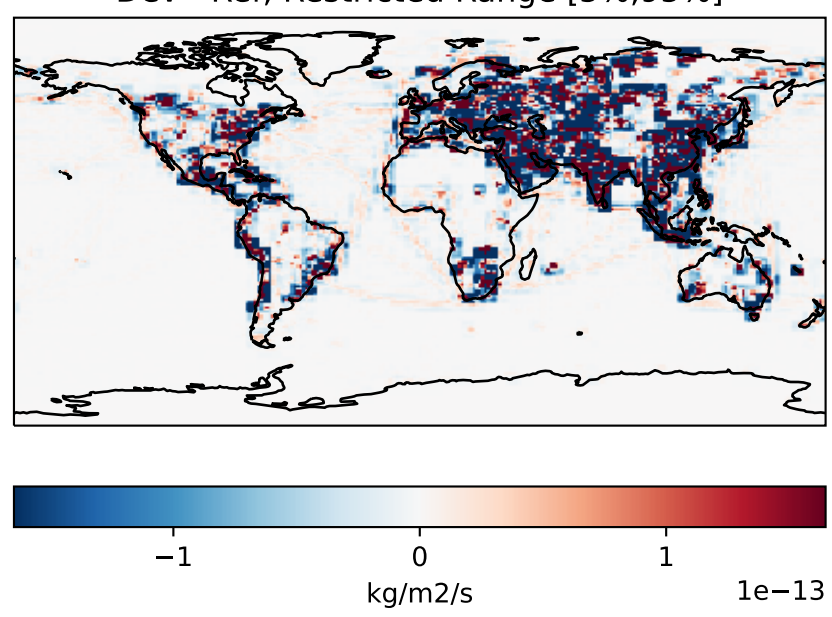
GCHP_13.2.0-LuoWetdep (Dev)
c48



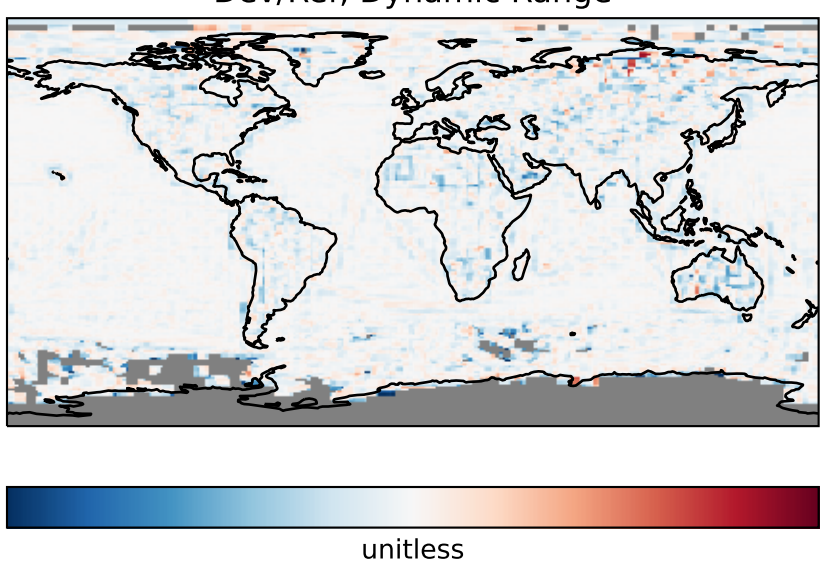
Difference (1x1.25)
Dev - Ref, Dynamic Range



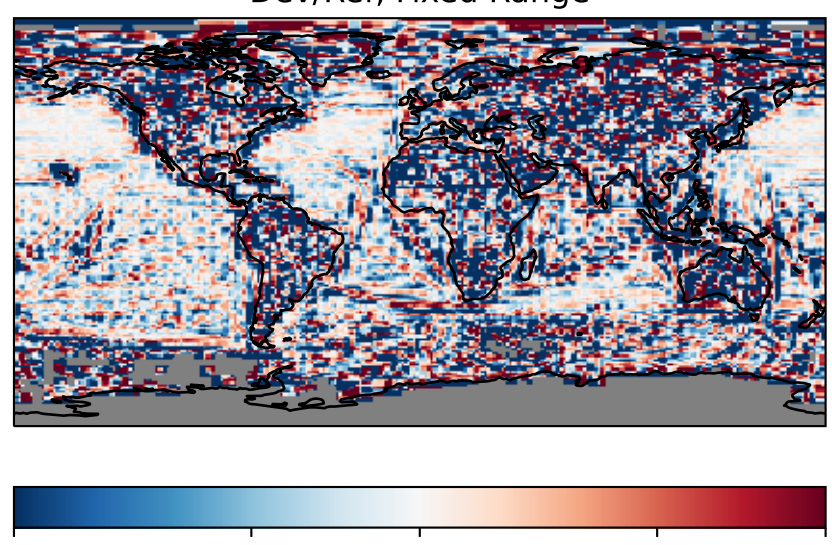
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

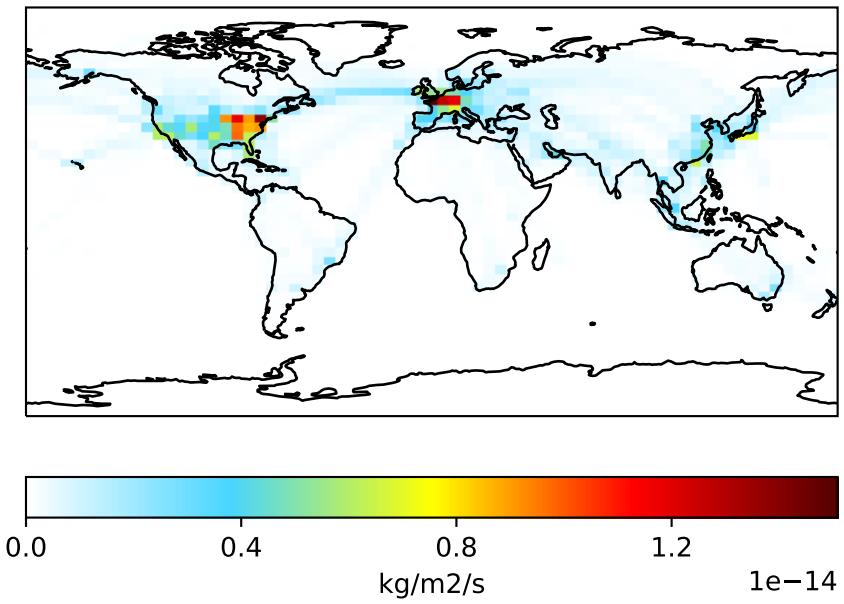


Ratio (1x1.25)
Dev/Ref, Fixed Range

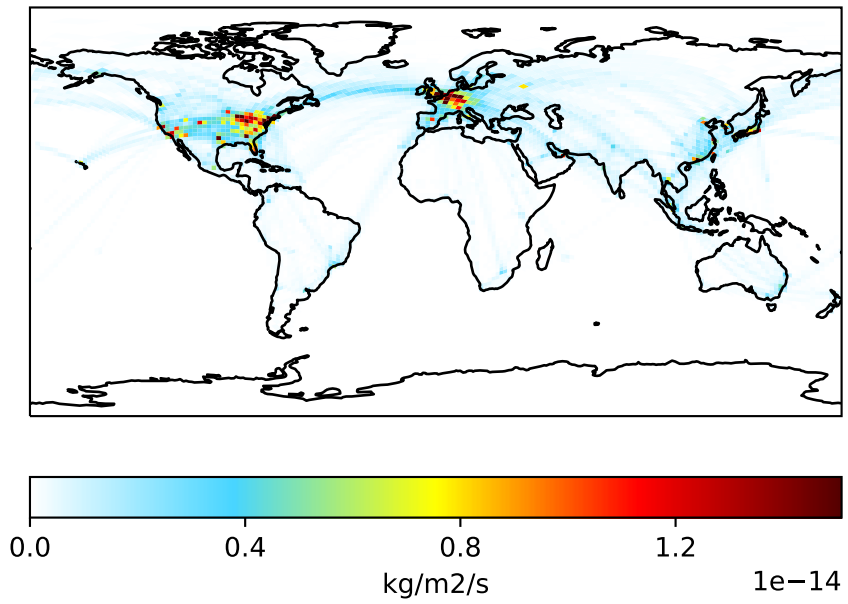


EmisBCPI_Aircraft (Jan2019)

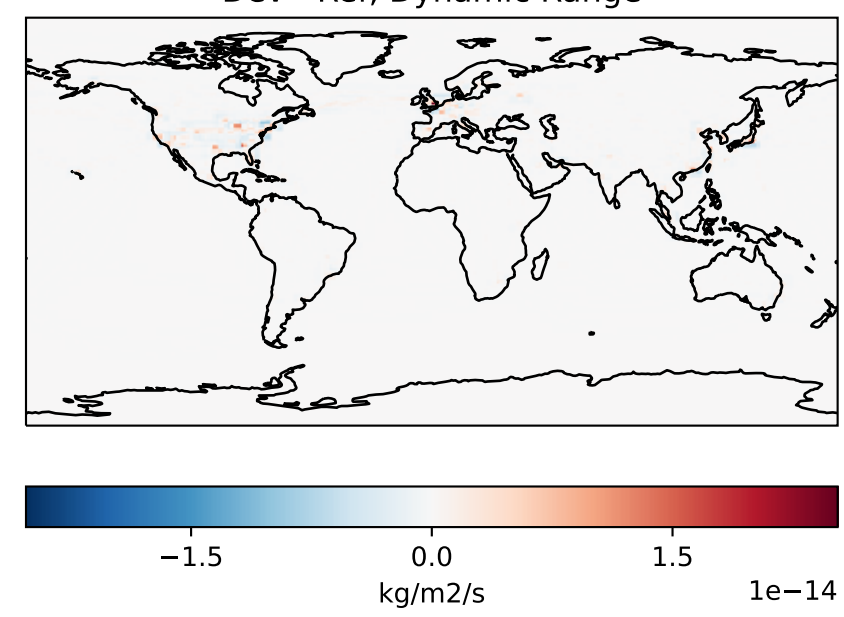
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



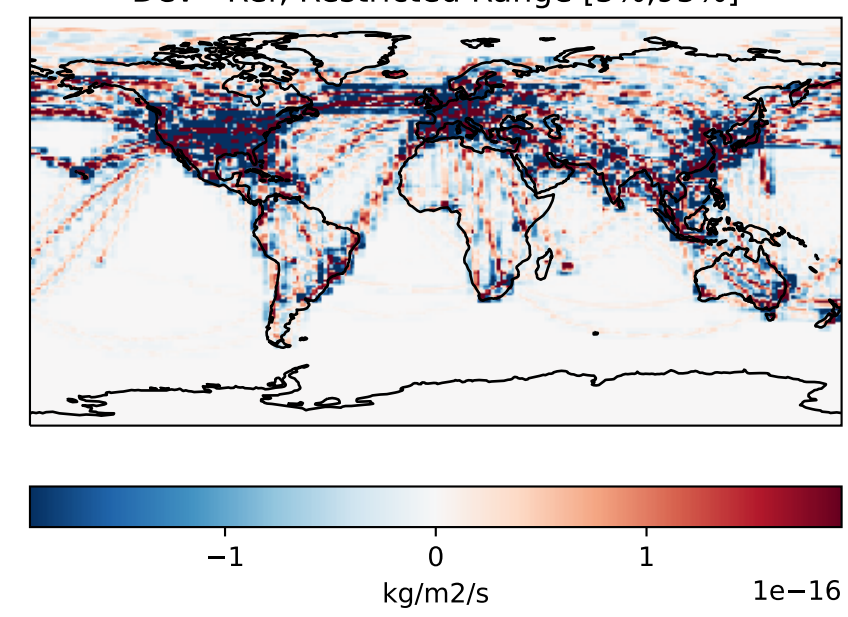
GCHP_13.2.0-LuoWetdep (Dev)
c48



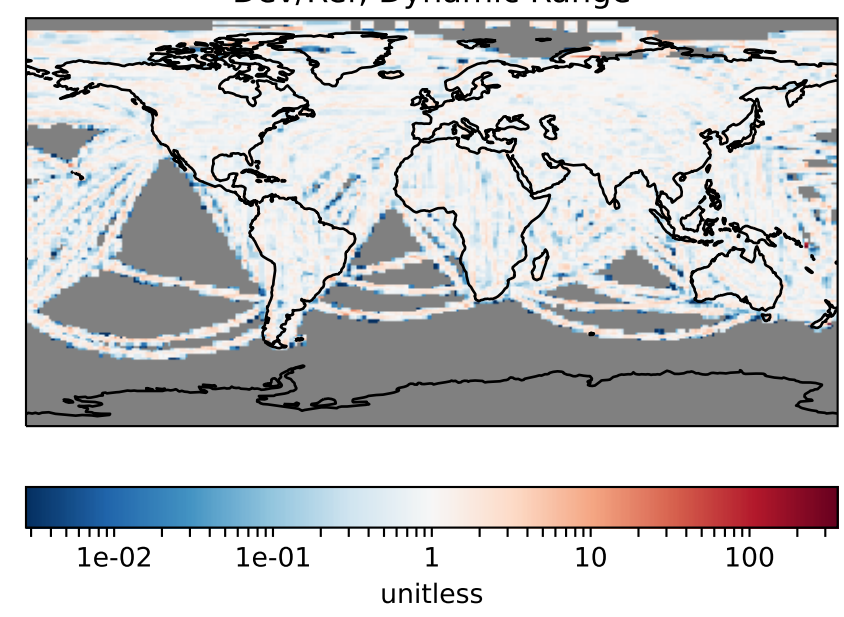
Difference (1x1.25)
Dev - Ref, Dynamic Range



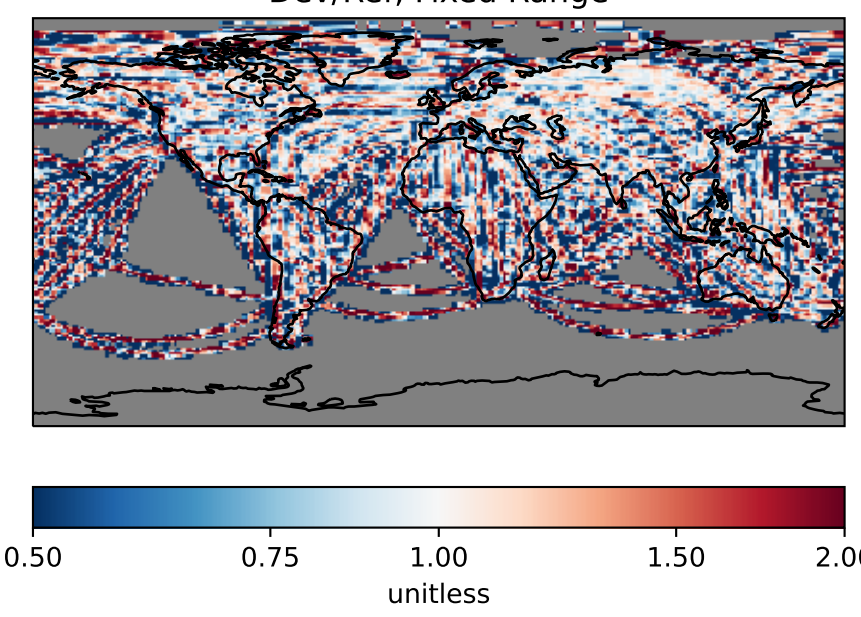
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

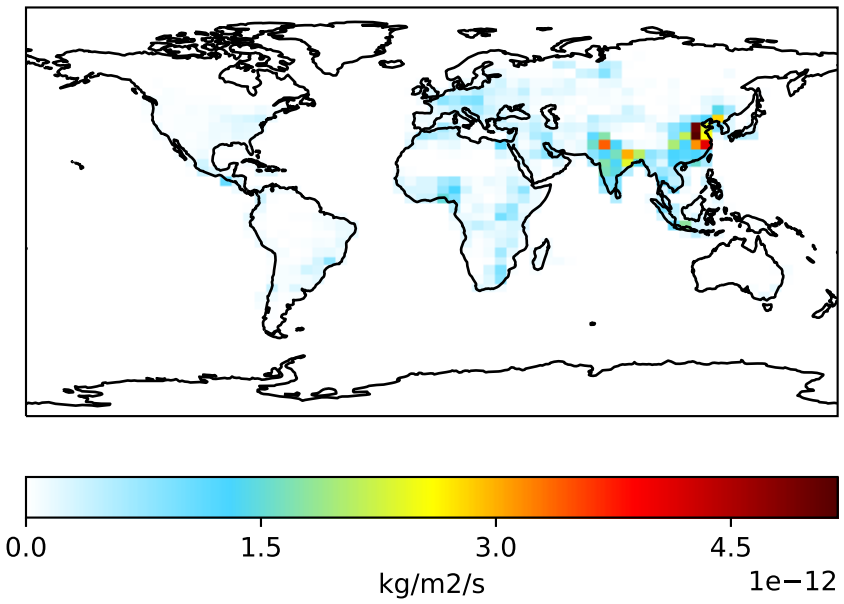


Ratio (1x1.25)
Dev/Ref, Fixed Range

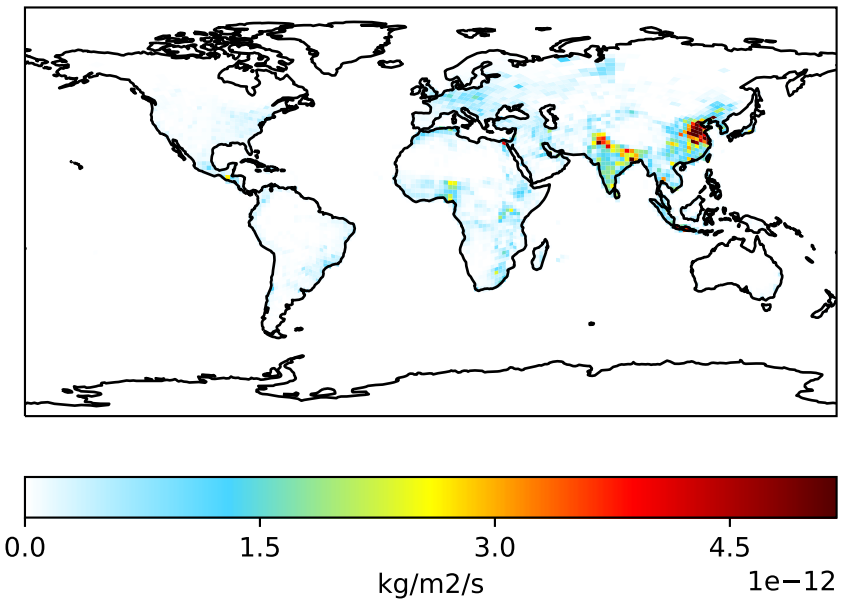


EmisBCPI_Anthro (Jan2019)

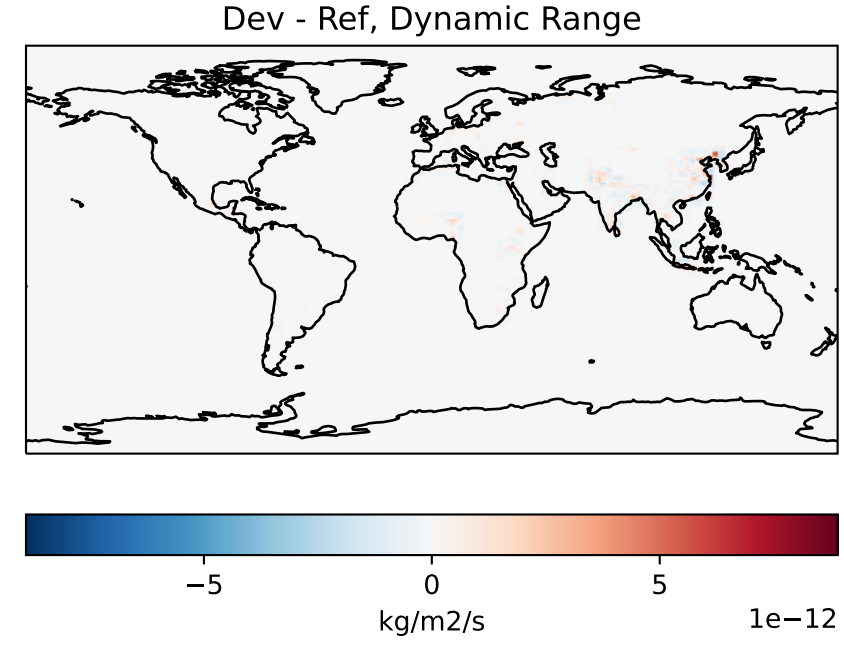
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



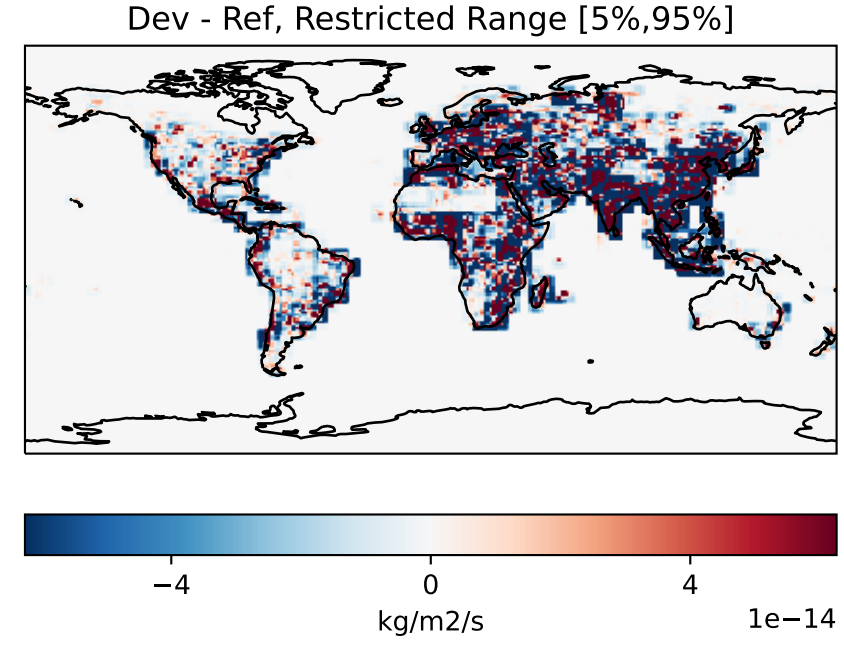
GCHP_13.2.0-LuoWetdep (Dev)
c48



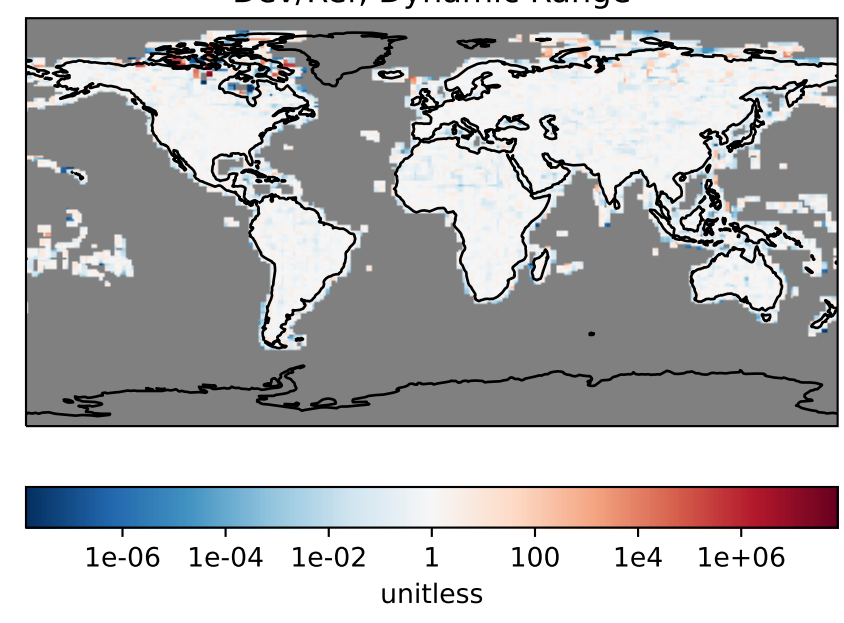
Difference (1x1.25)
Dev - Ref, Dynamic Range



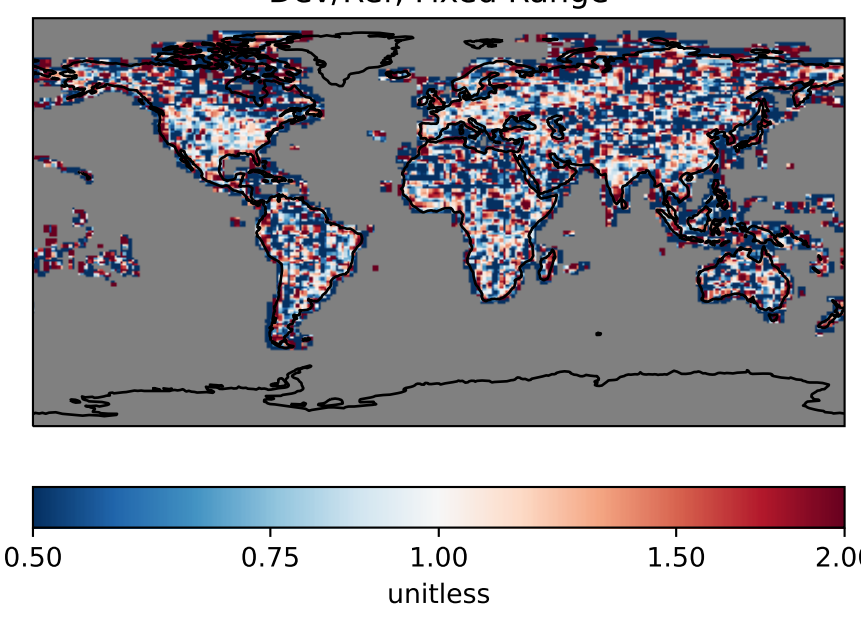
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

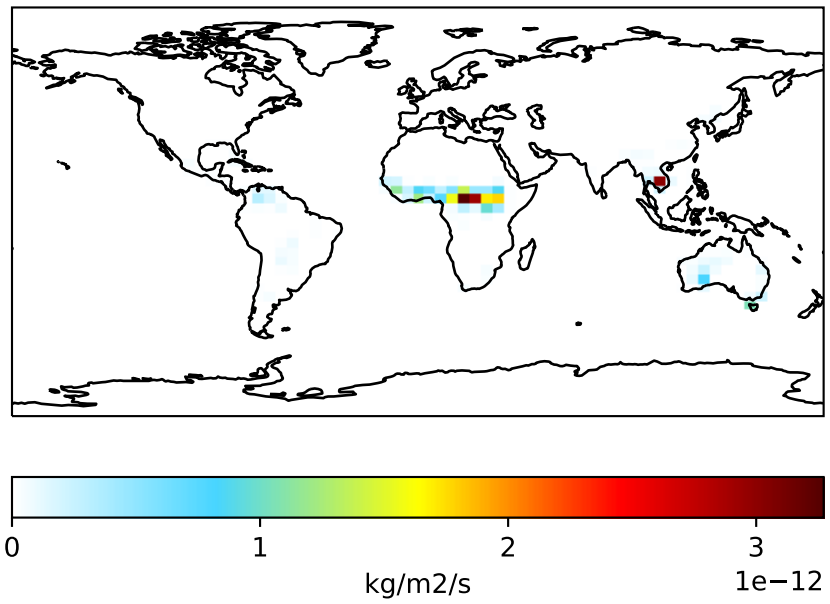


Ratio (1x1.25)
Dev/Ref, Fixed Range

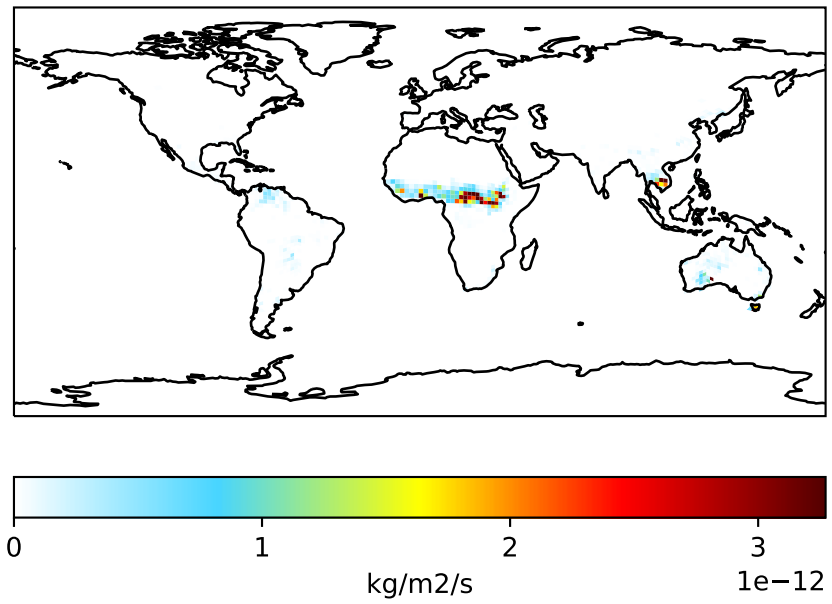


EmisBCPI_BioBurn (Jan2019)

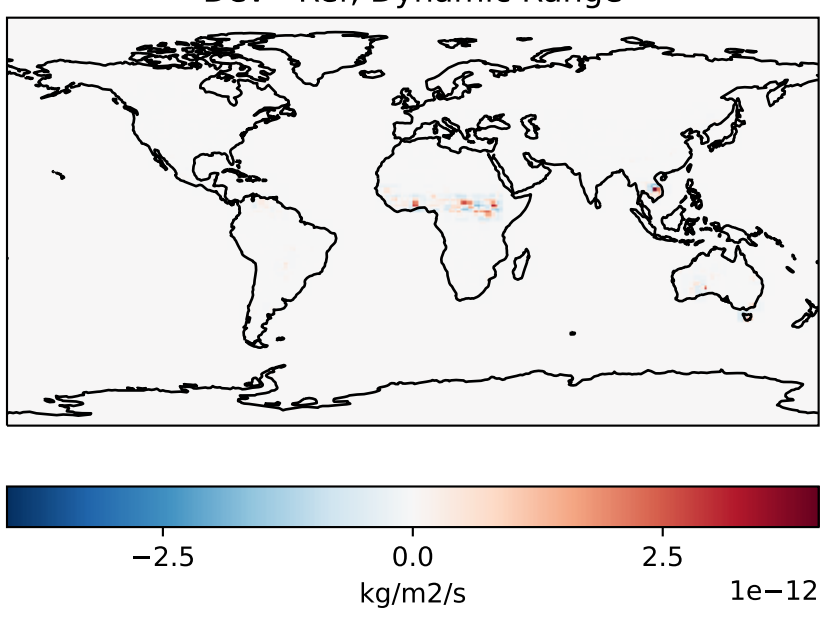
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



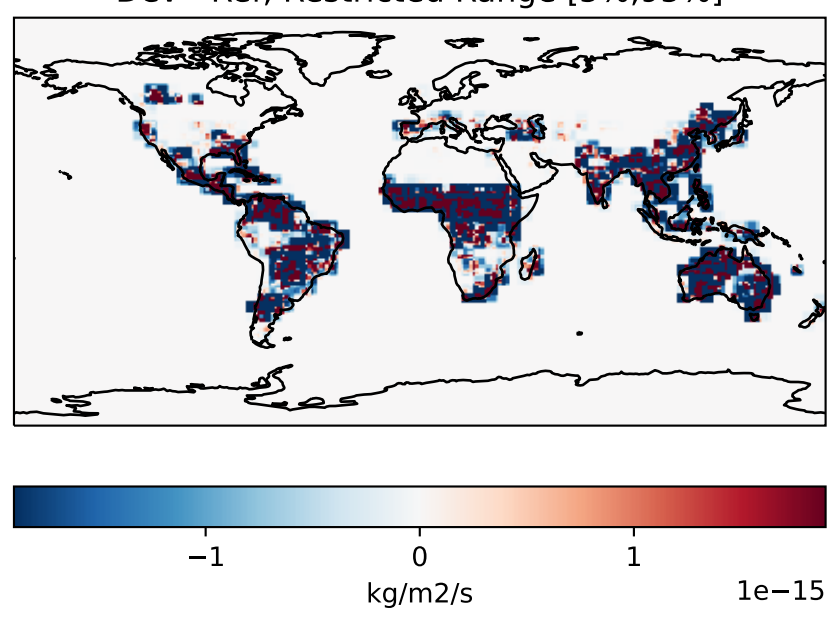
GCHP_13.2.0-LuoWetdep (Dev)
c48



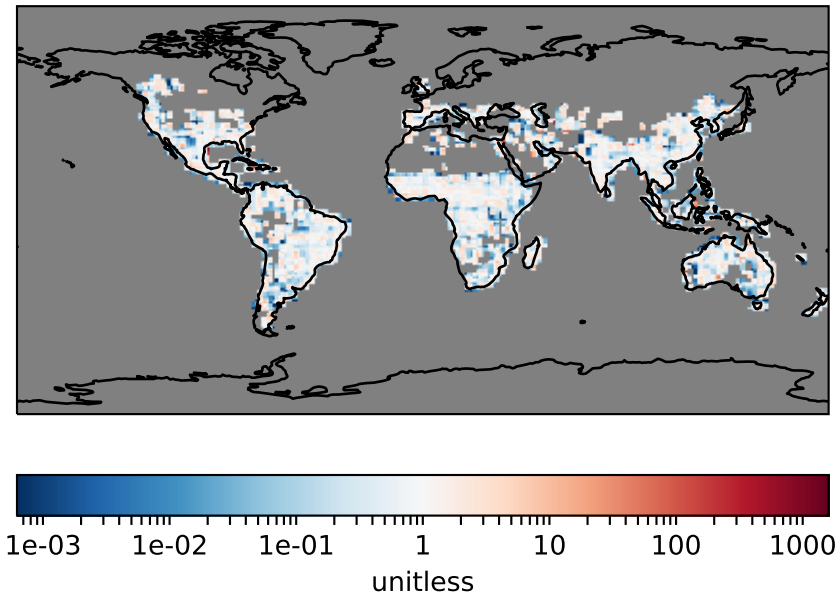
Difference (1x1.25)
Dev - Ref, Dynamic Range



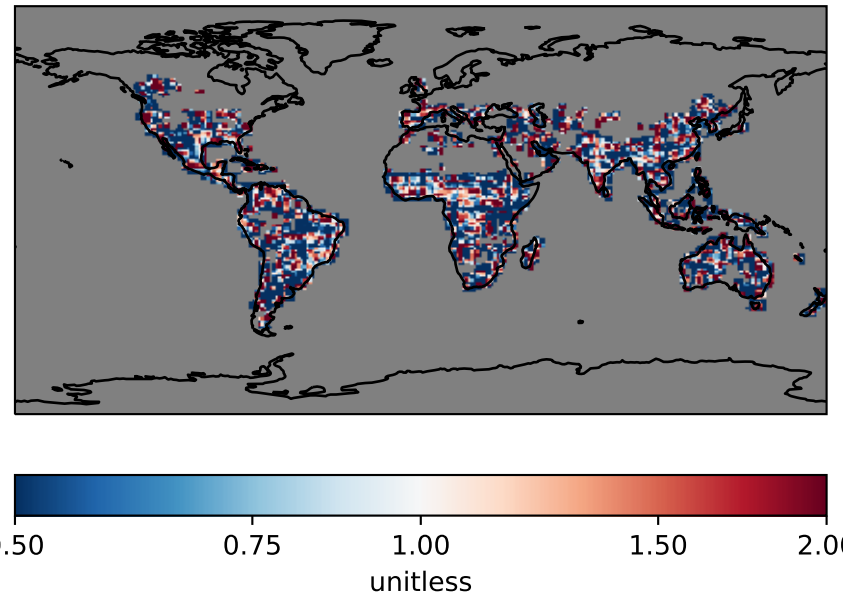
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

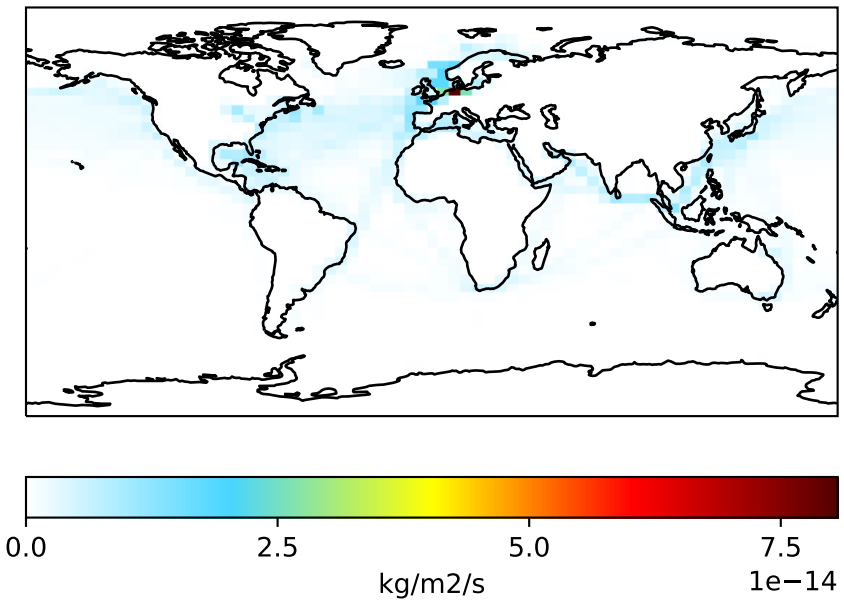


Ratio (1x1.25)
Dev/Ref, Fixed Range

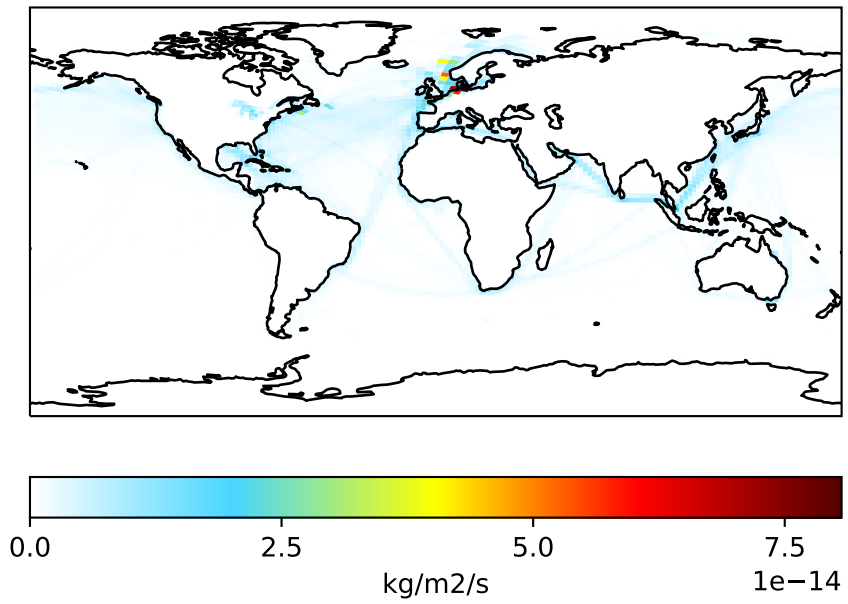


EmisBCPI_Ship (Jan2019)

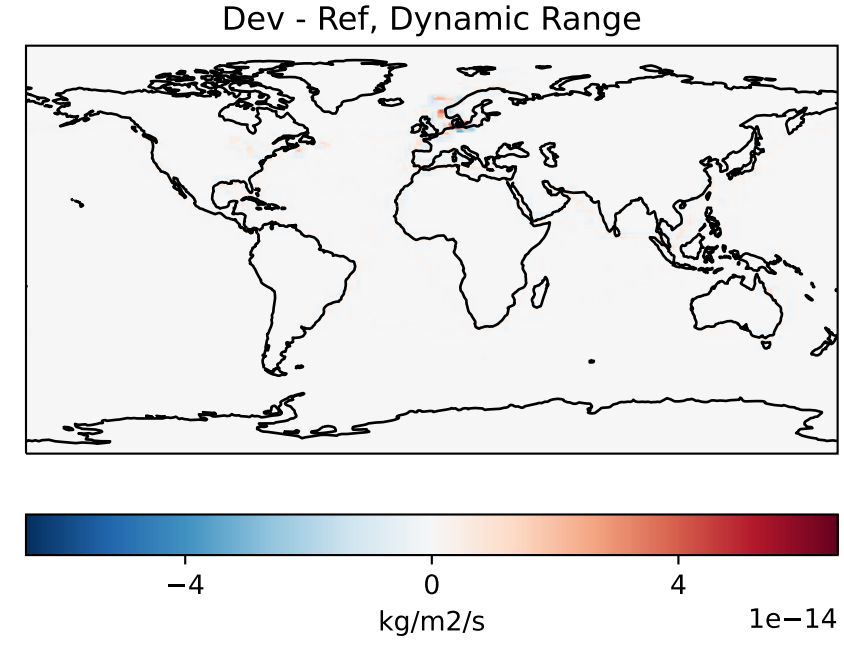
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



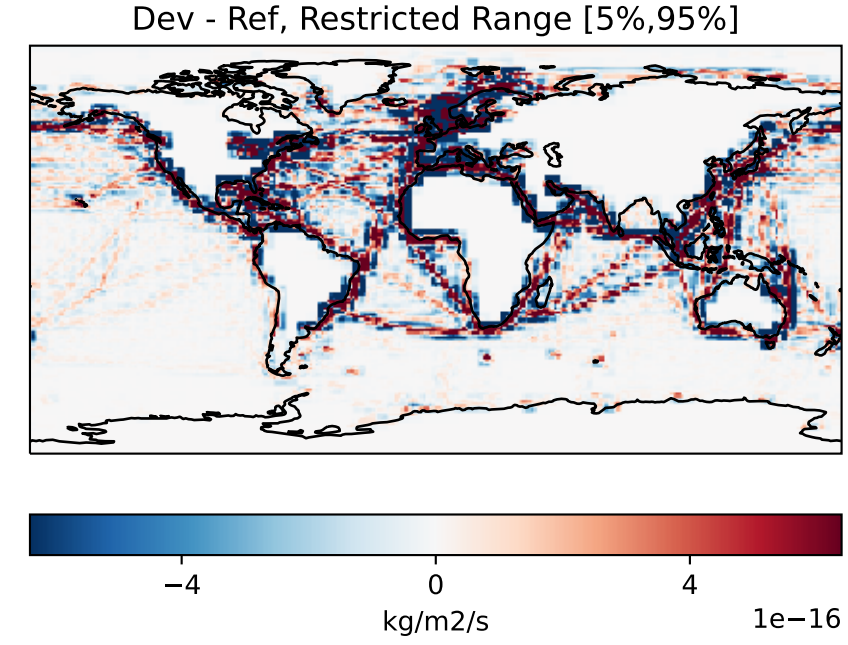
GCHP_13.2.0-LuoWetdep (Dev)
c48



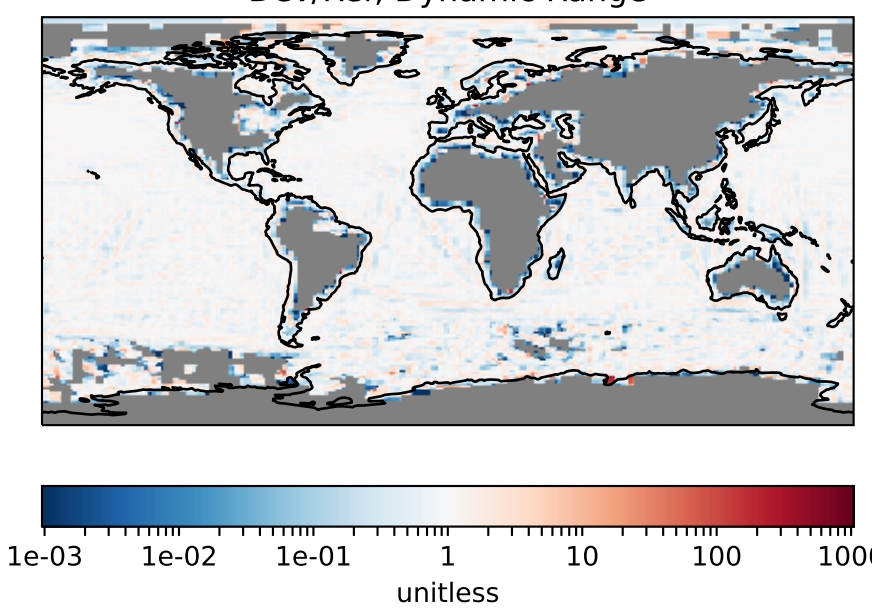
Difference (1x1.25)
Dev - Ref, Dynamic Range



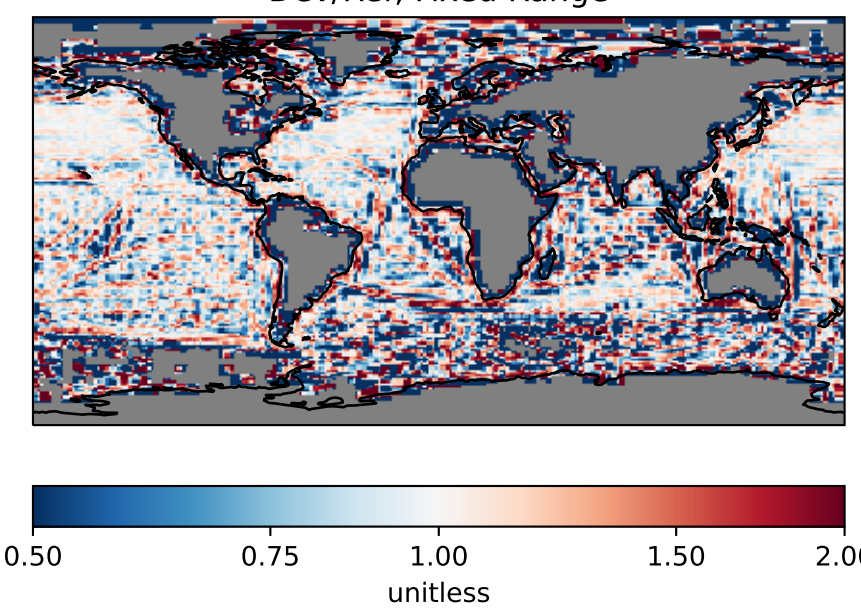
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

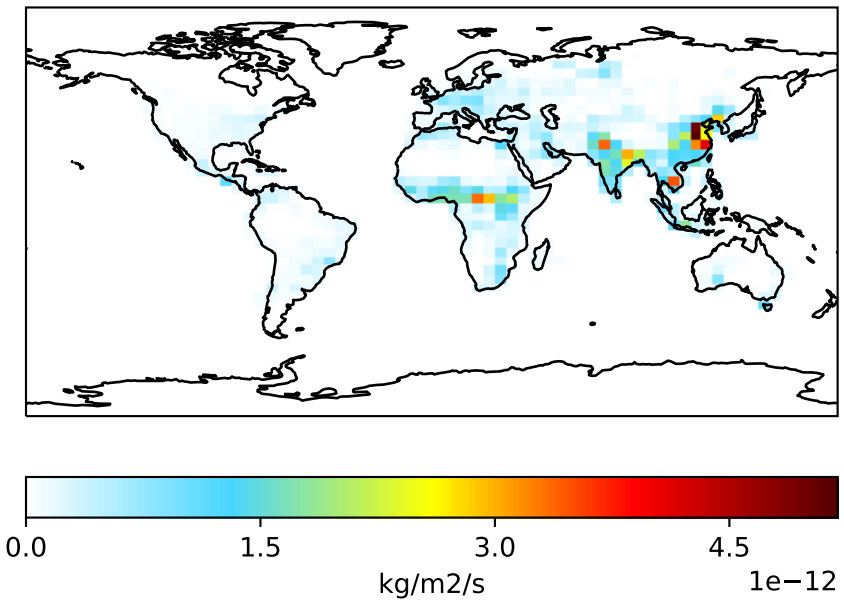


Ratio (1x1.25)
Dev/Ref, Fixed Range

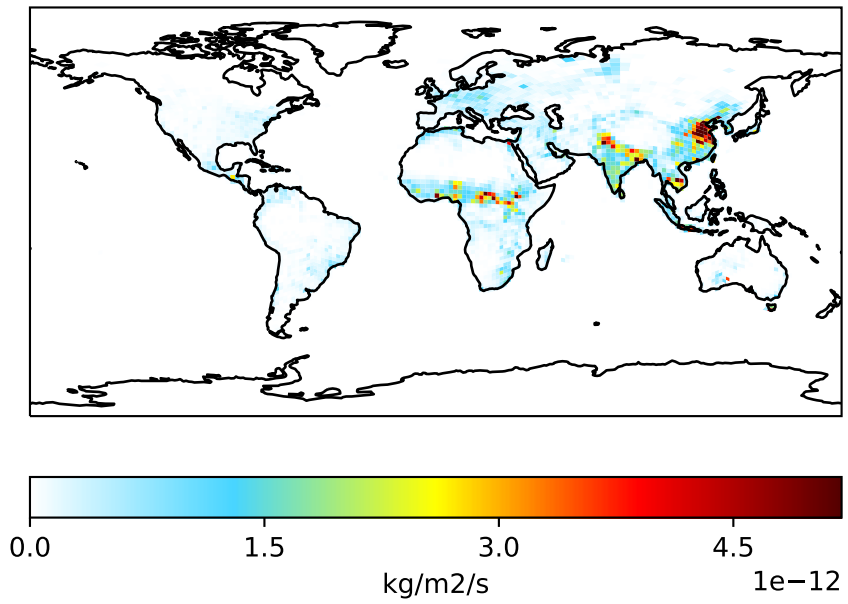


EmisBCPI_Total (Jan2019)

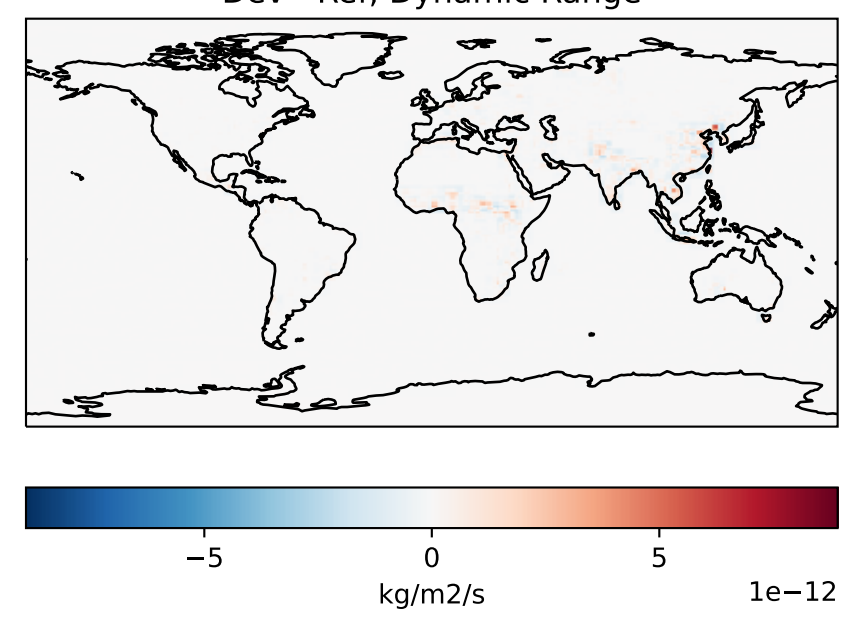
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



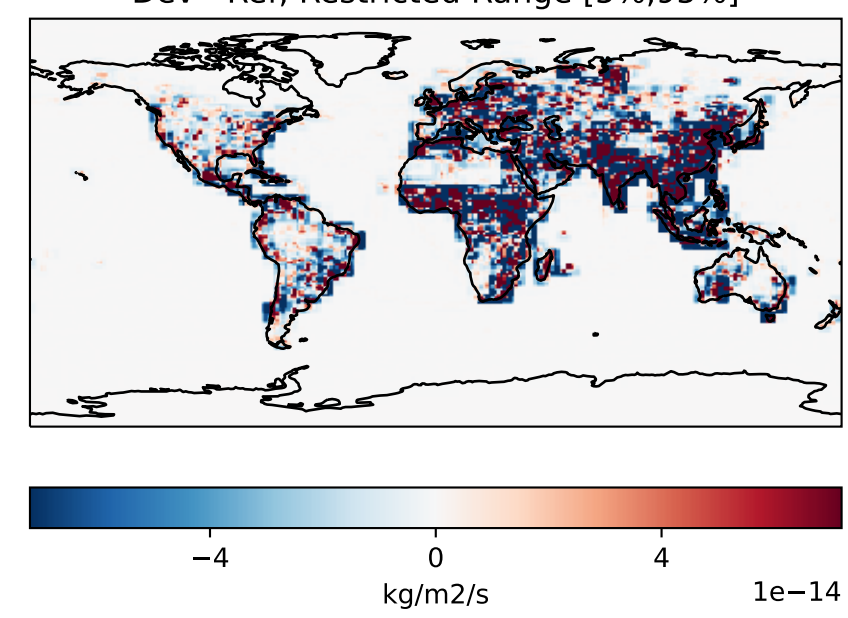
GCHP_13.2.0-LuoWetdep (Dev)
c48



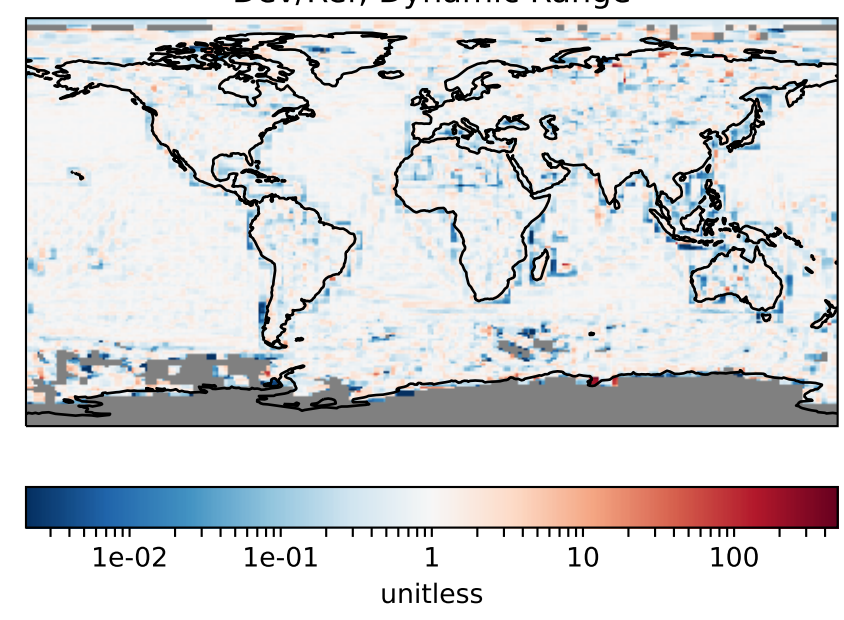
Difference (1x1.25)
Dev - Ref, Dynamic Range



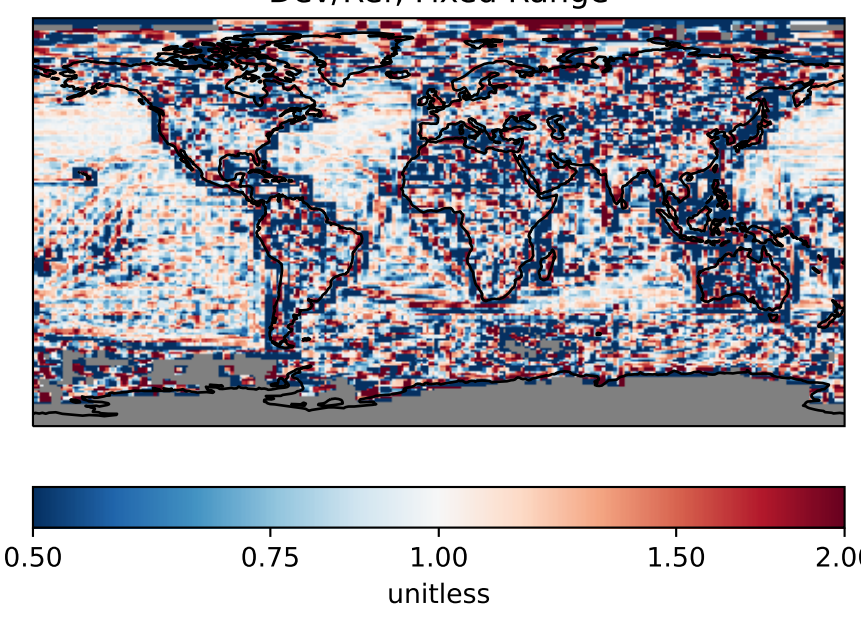
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

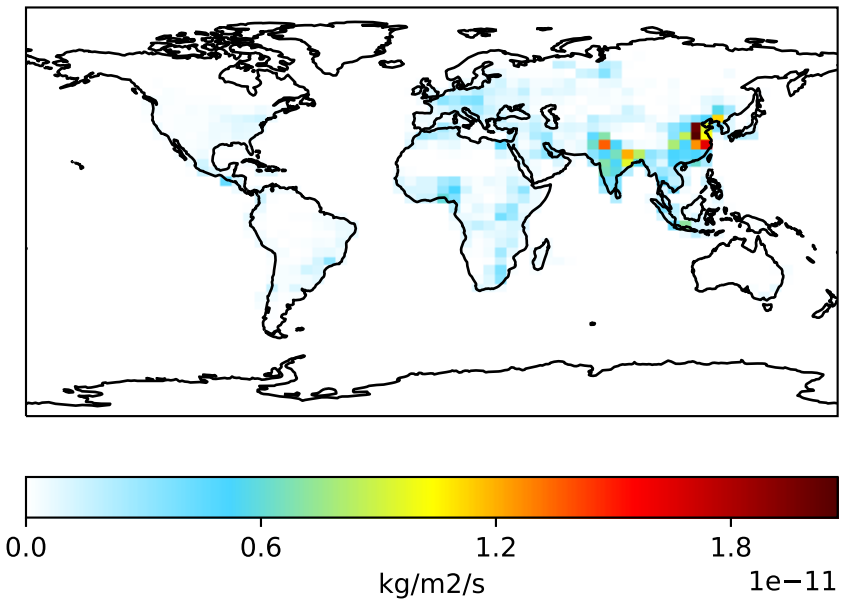


Ratio (1x1.25)
Dev/Ref, Fixed Range

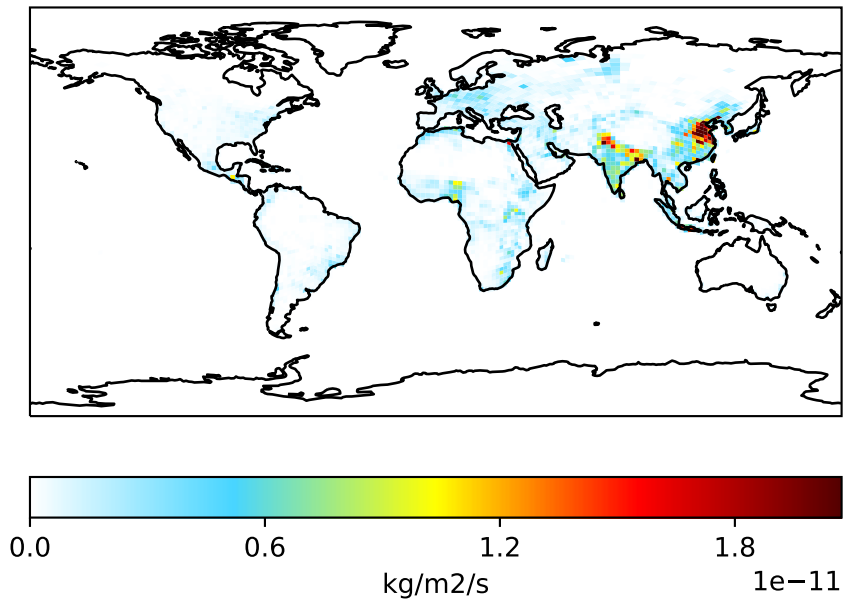


EmisBCPO_Anthro (Jan2019)

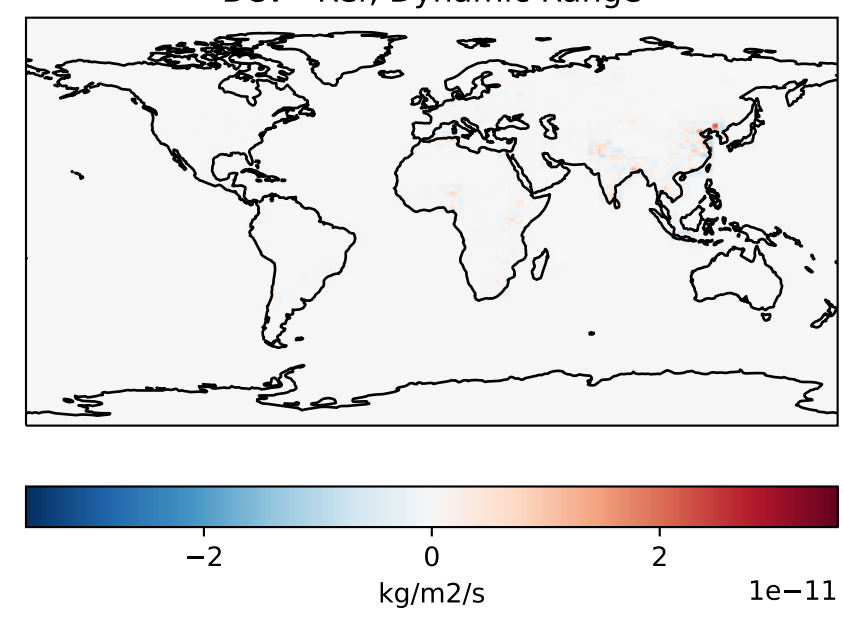
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



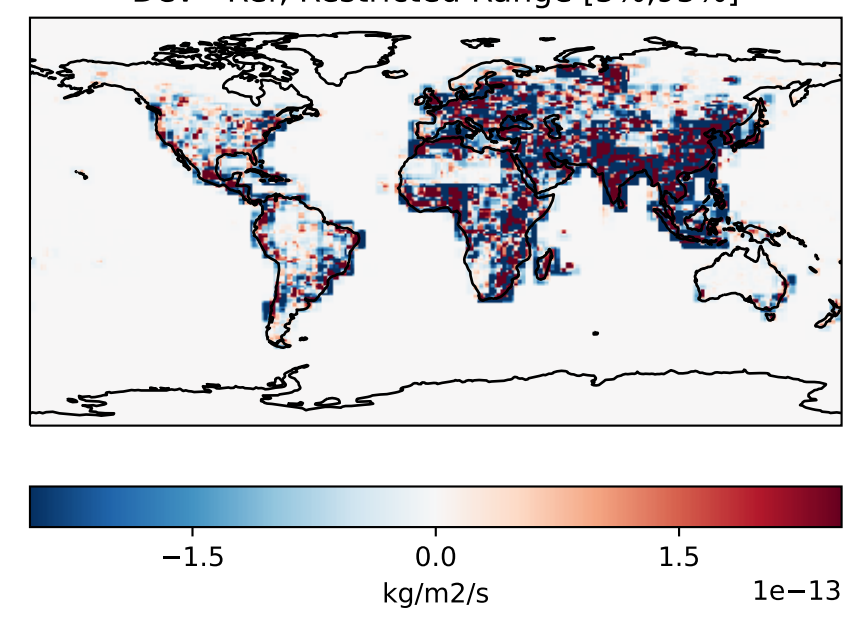
GCHP_13.2.0-LuoWetdep (Dev)
c48



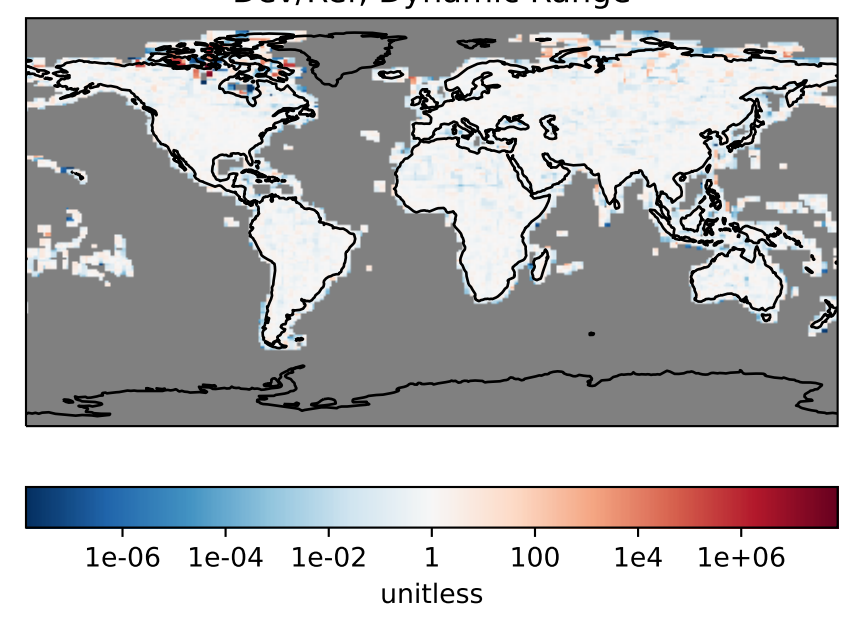
Difference (1x1.25)
Dev - Ref, Dynamic Range



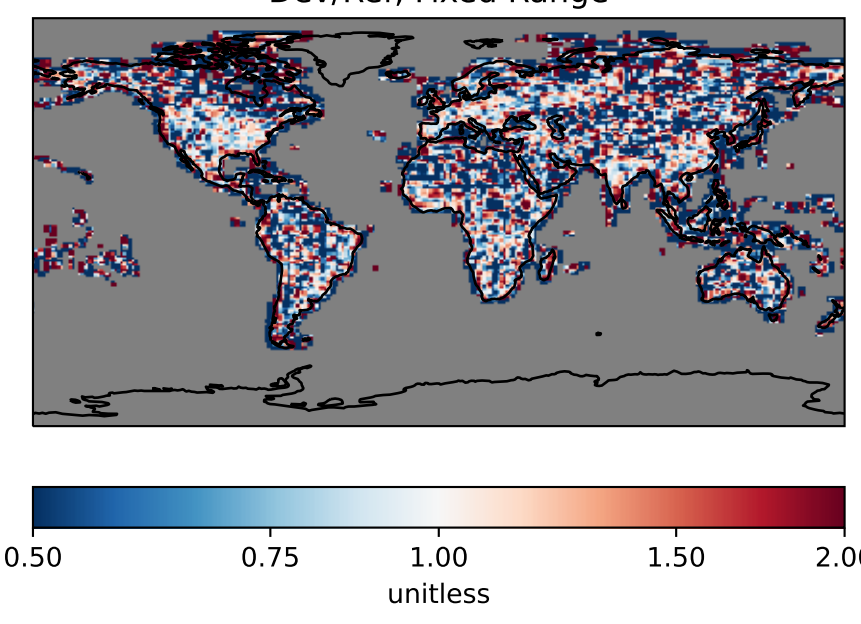
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

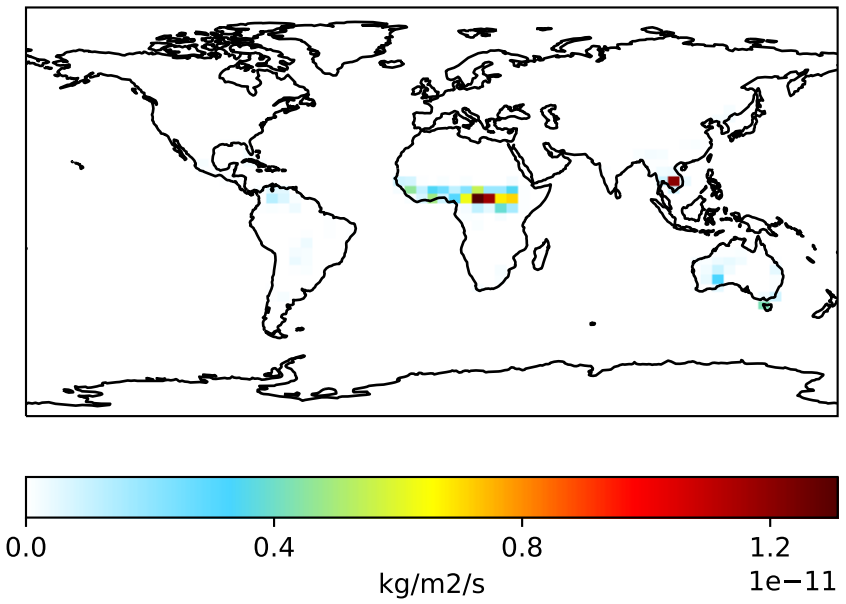


Ratio (1x1.25)
Dev/Ref, Fixed Range

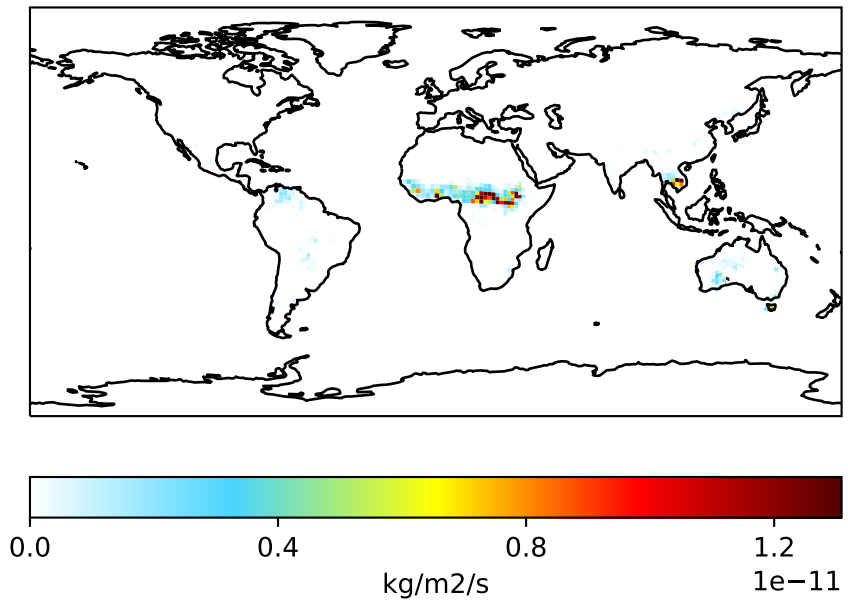


EmisBCPO_BioBurn (Jan2019)

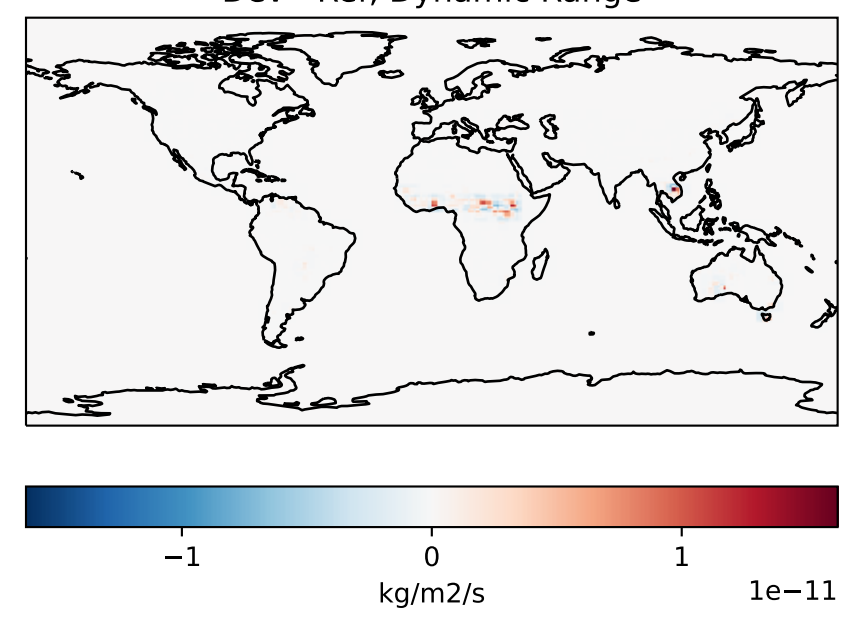
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



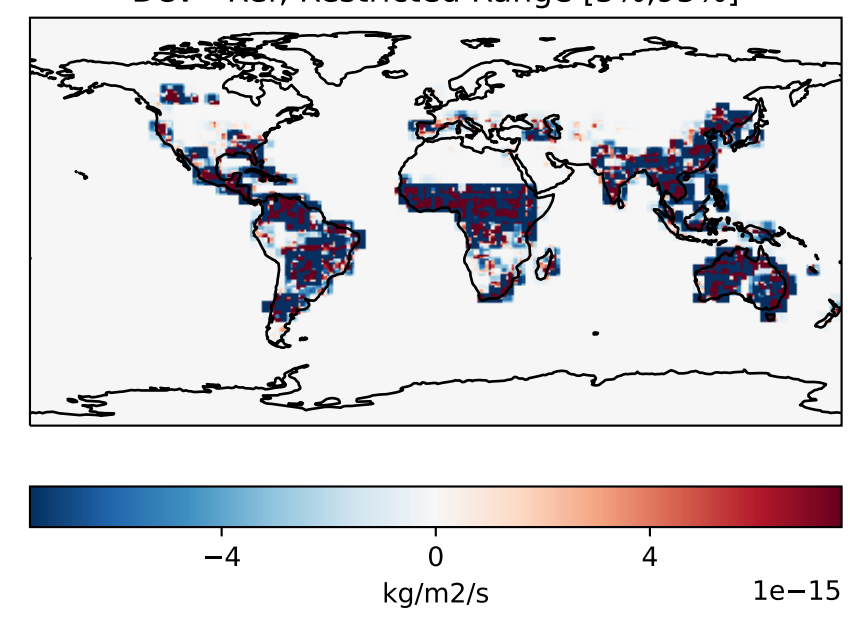
GCHP_13.2.0-LuoWetdep (Dev)
c48



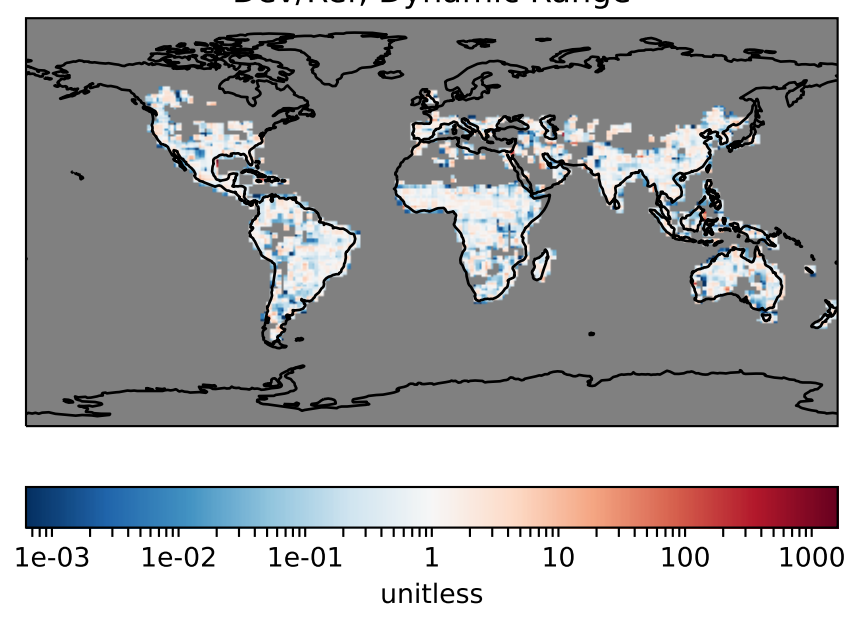
Difference (1x1.25)
Dev - Ref, Dynamic Range



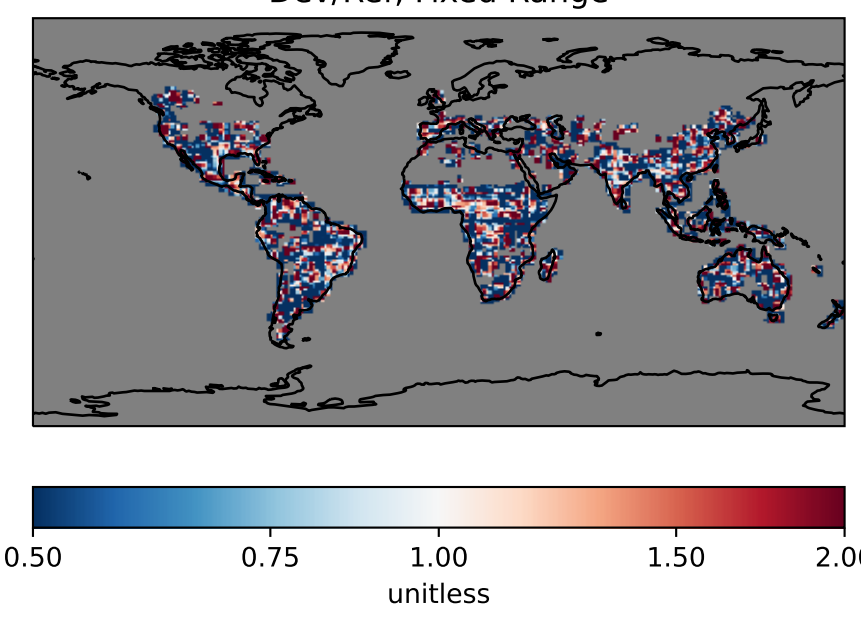
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

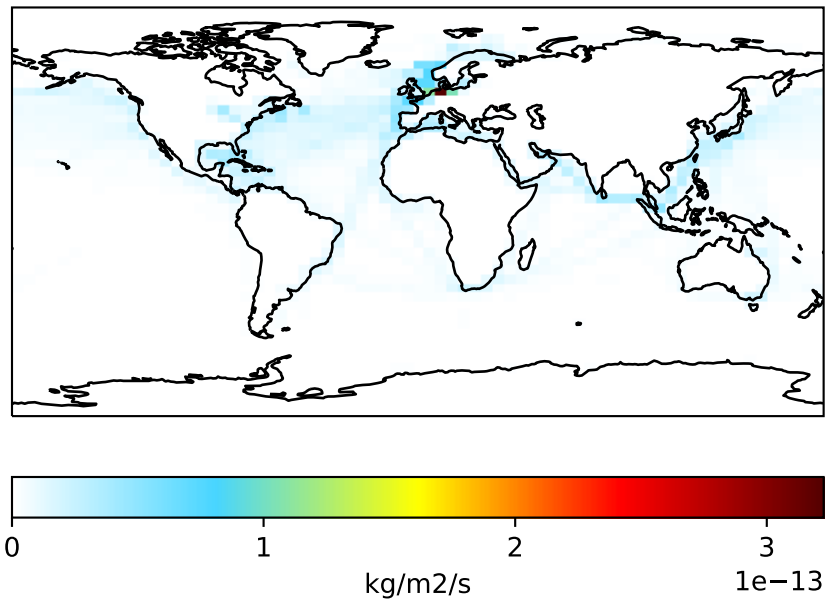


Ratio (1x1.25)
Dev/Ref, Fixed Range

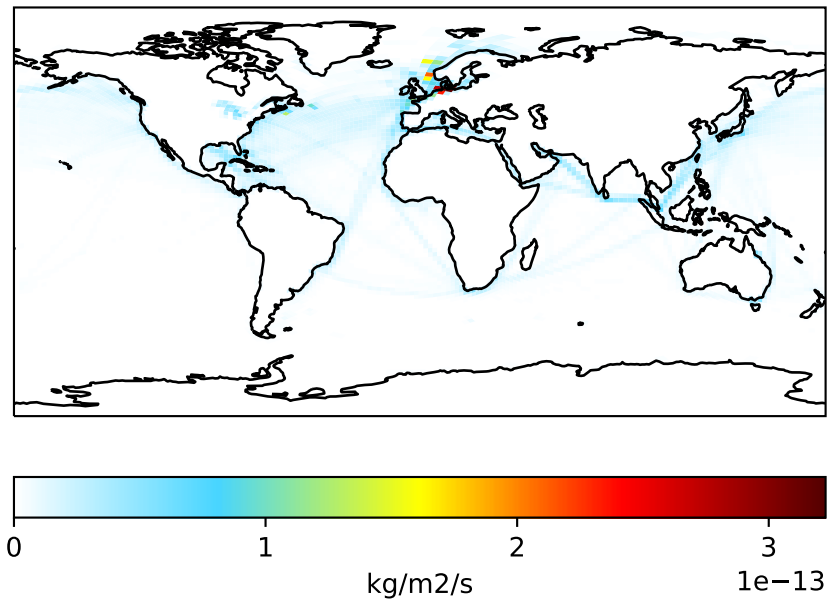


EmisBCPO_Ship (Jan2019)

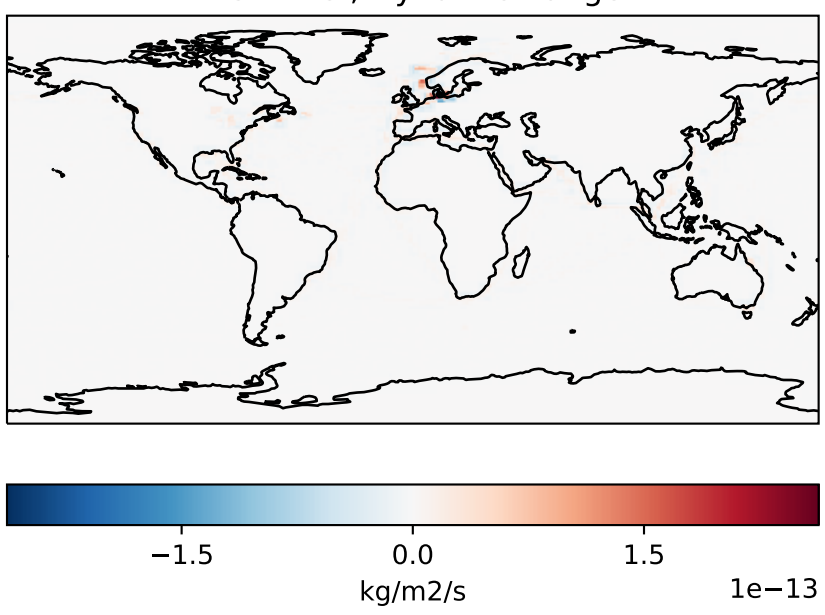
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



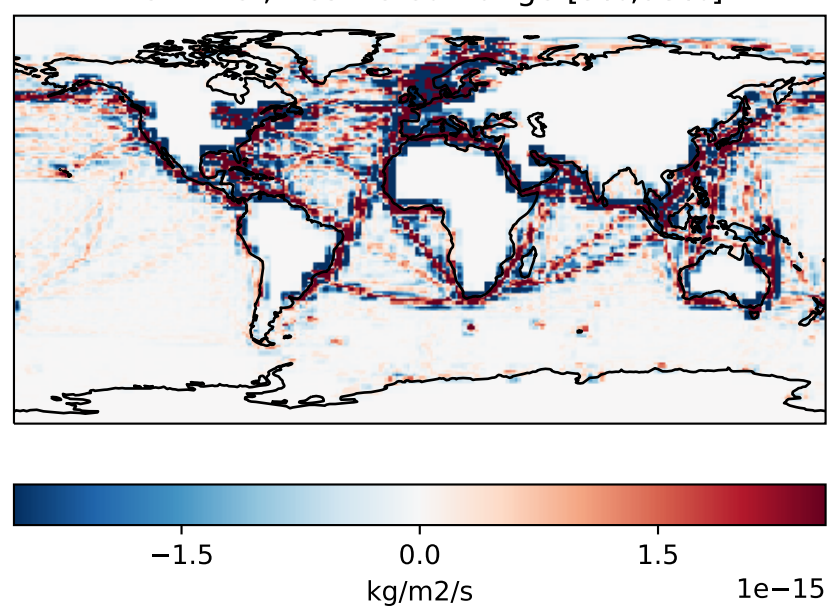
GCHP_13.2.0-LuoWetdep (Dev)
c48



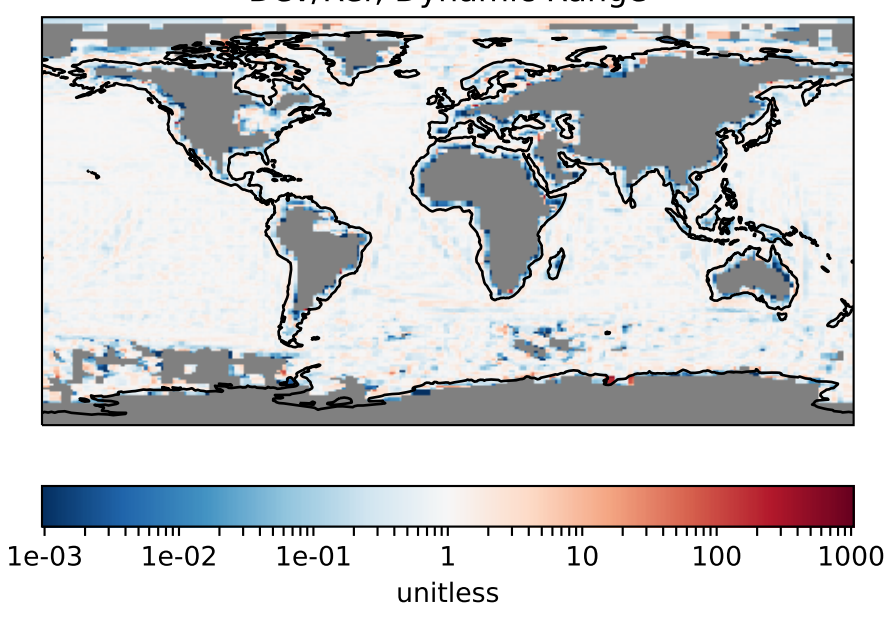
Difference (1x1.25)
Dev - Ref, Dynamic Range



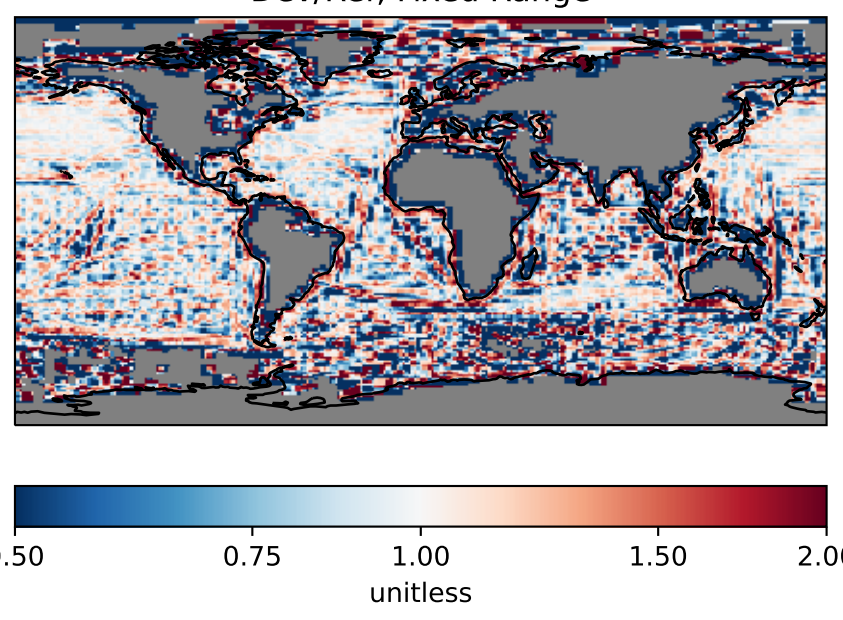
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

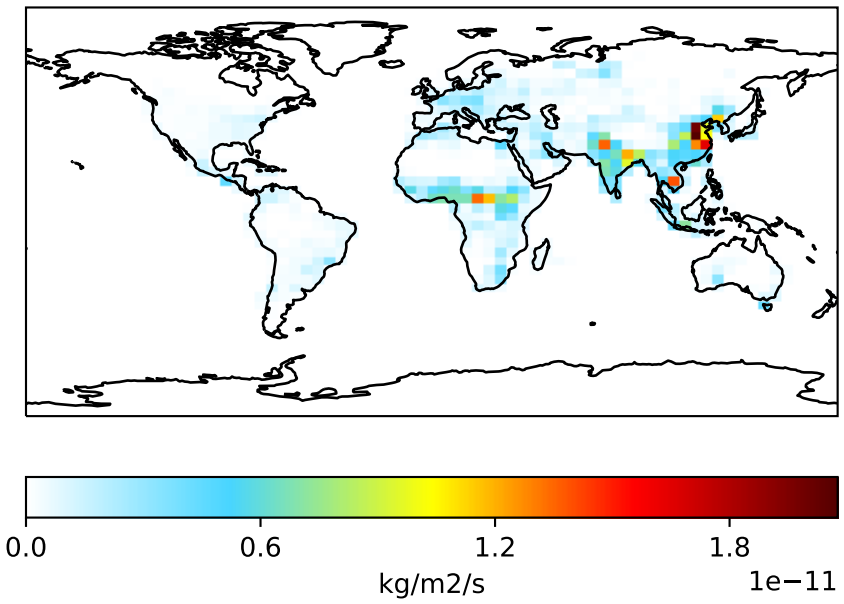


Ratio (1x1.25)
Dev/Ref, Fixed Range

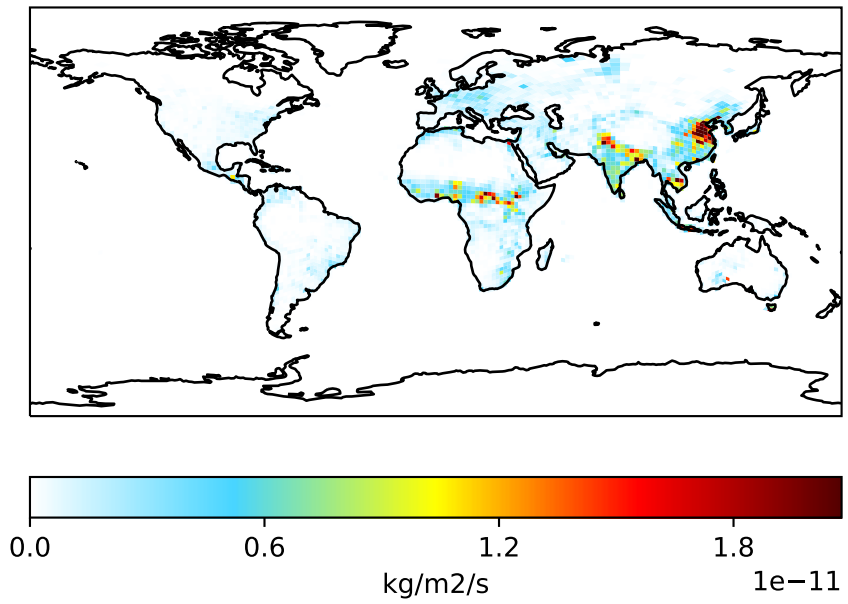


EmisBCPO_Total (Jan2019)

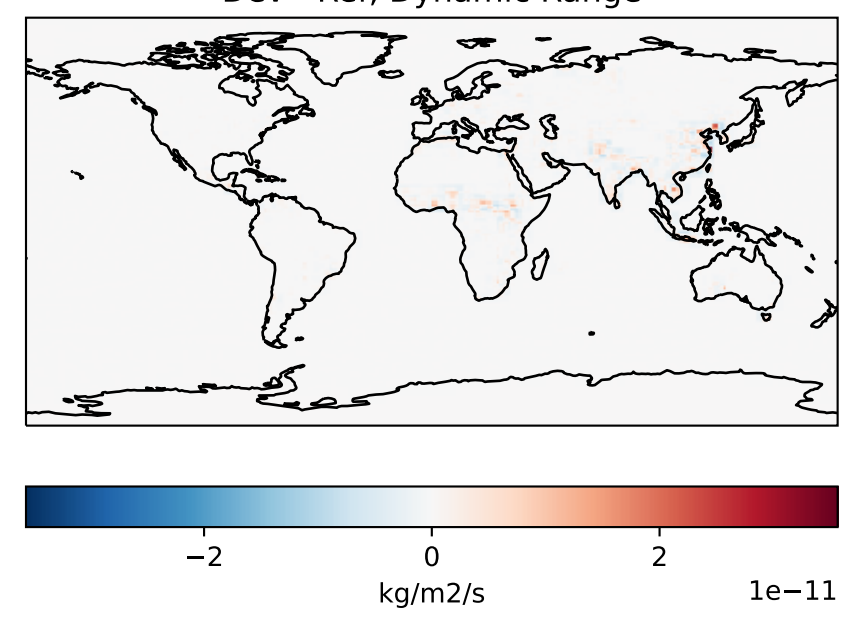
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



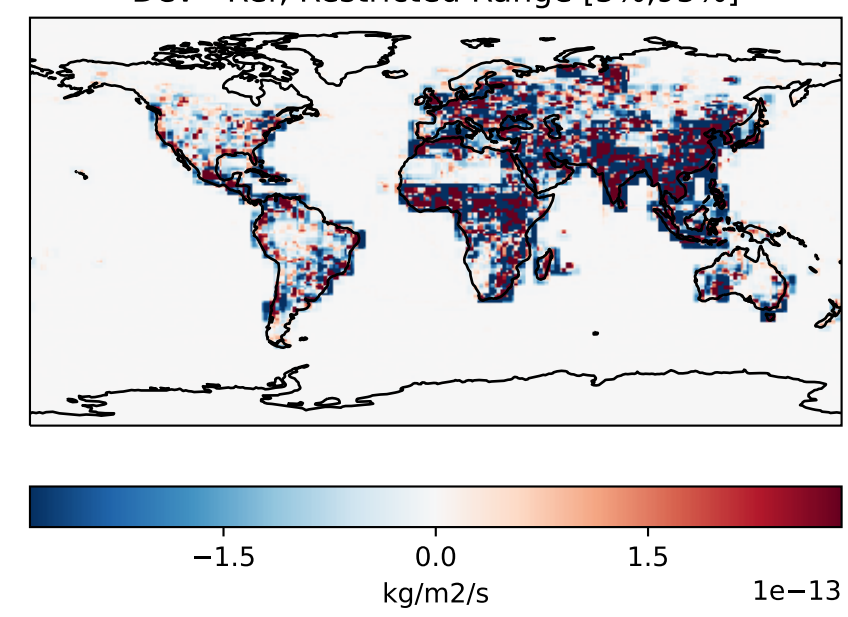
GCHP_13.2.0-LuoWetdep (Dev)
c48



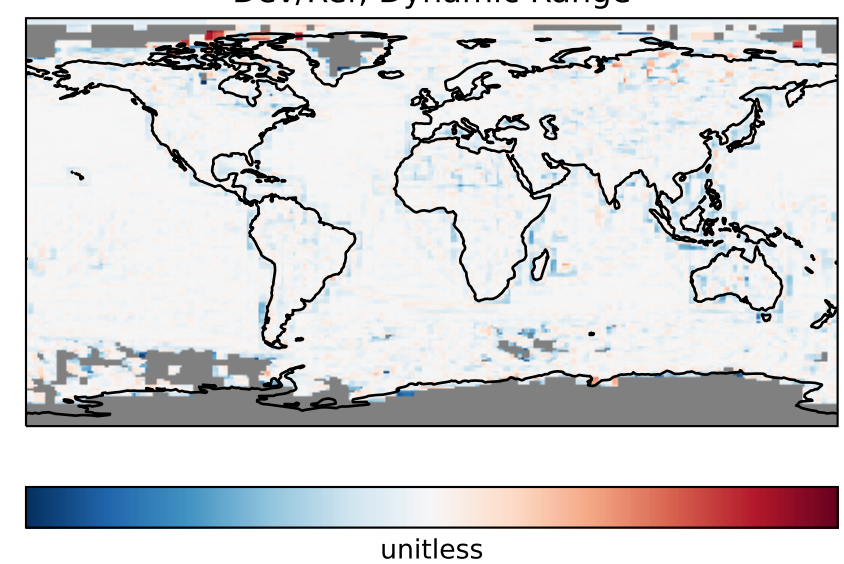
Difference (1x1.25)
Dev - Ref, Dynamic Range



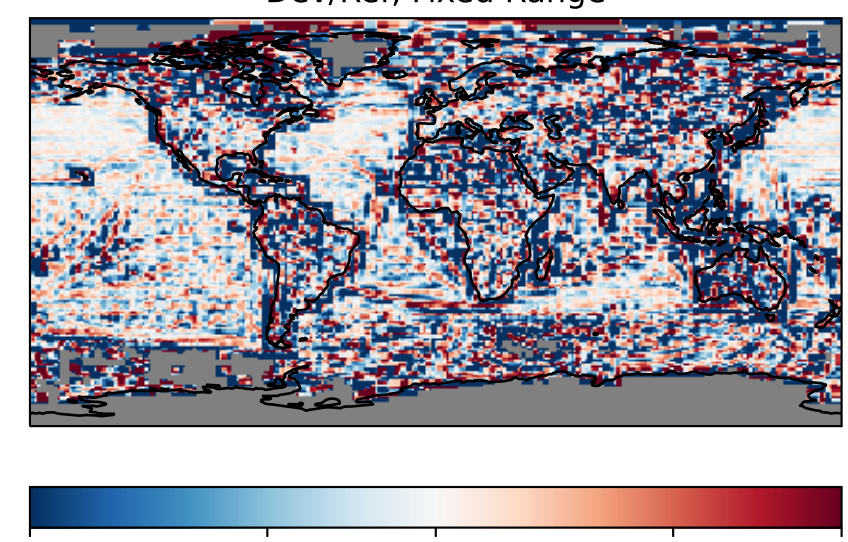
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

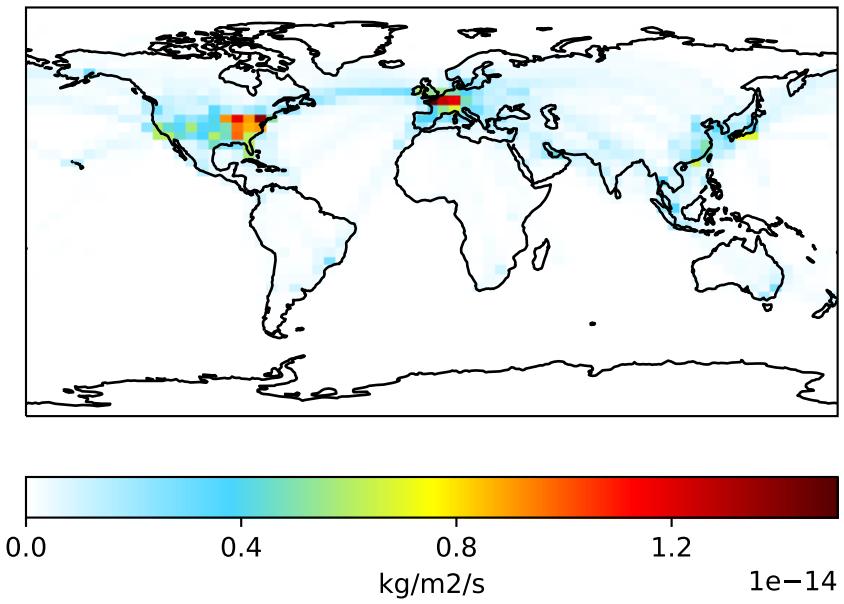


Ratio (1x1.25)
Dev/Ref, Fixed Range

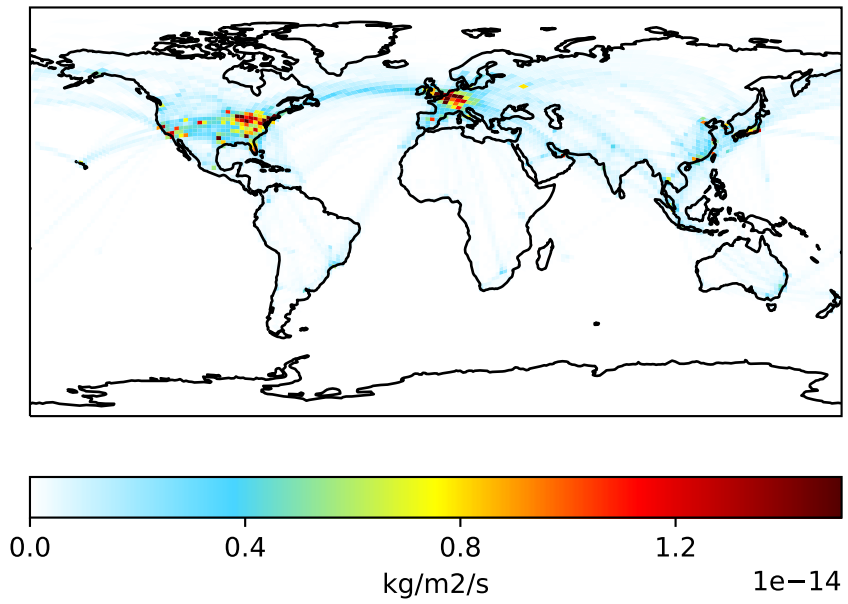


EmisOCPI_Aircraft (Jan2019)

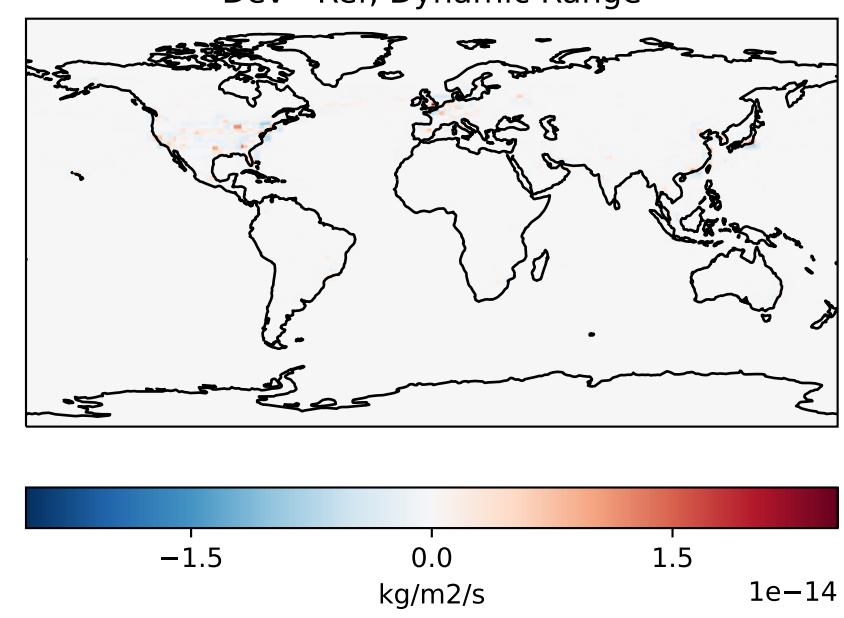
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



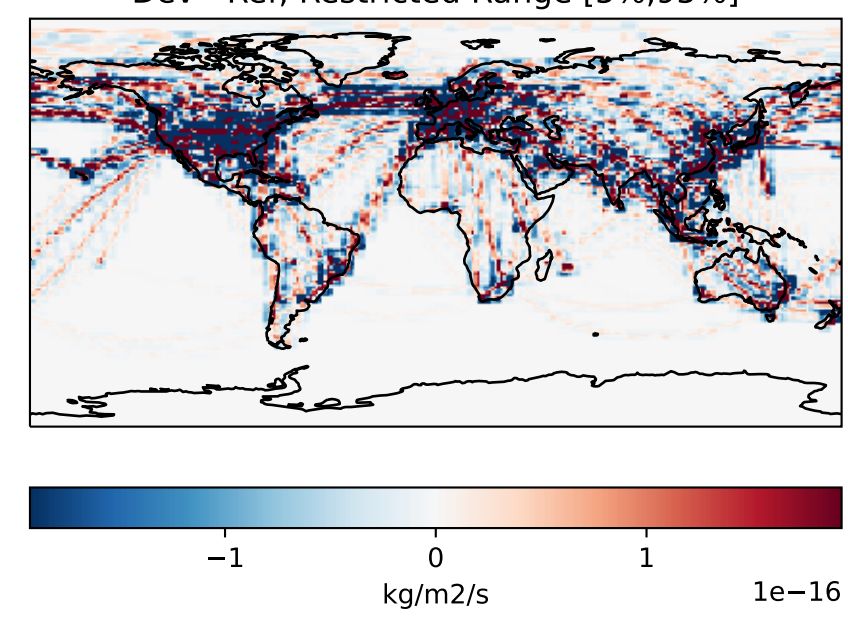
GCHP_13.2.0-LuoWetdep (Dev)
c48



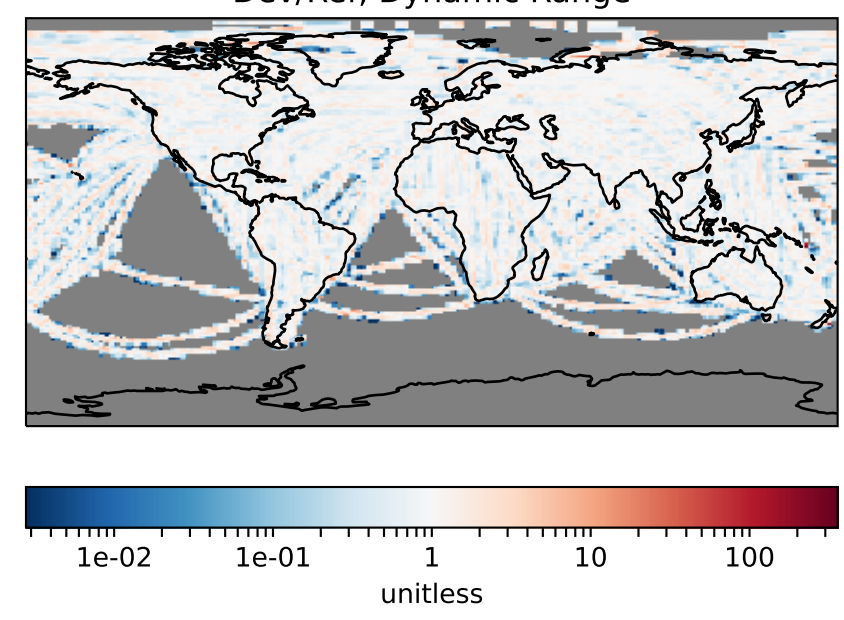
Difference (1x1.25)
Dev - Ref, Dynamic Range



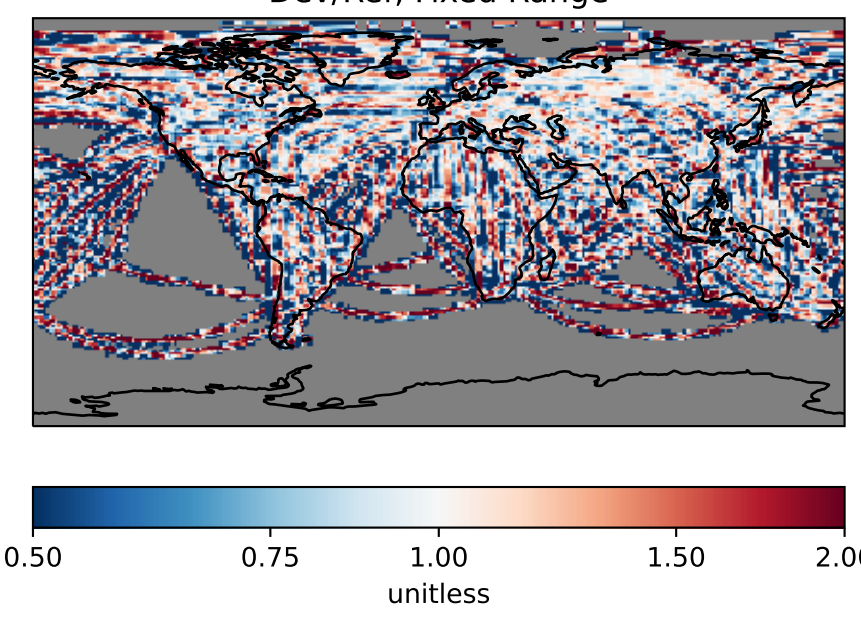
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

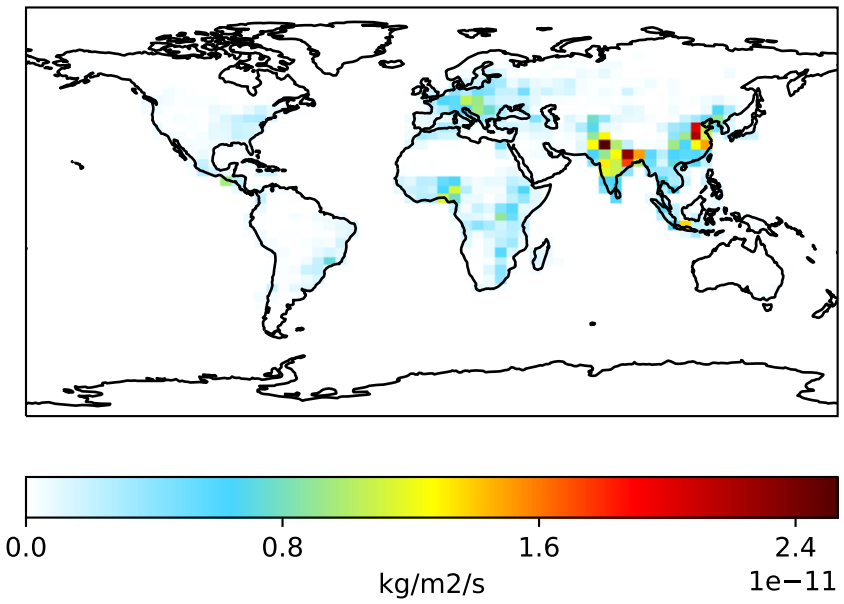


Ratio (1x1.25)
Dev/Ref, Fixed Range

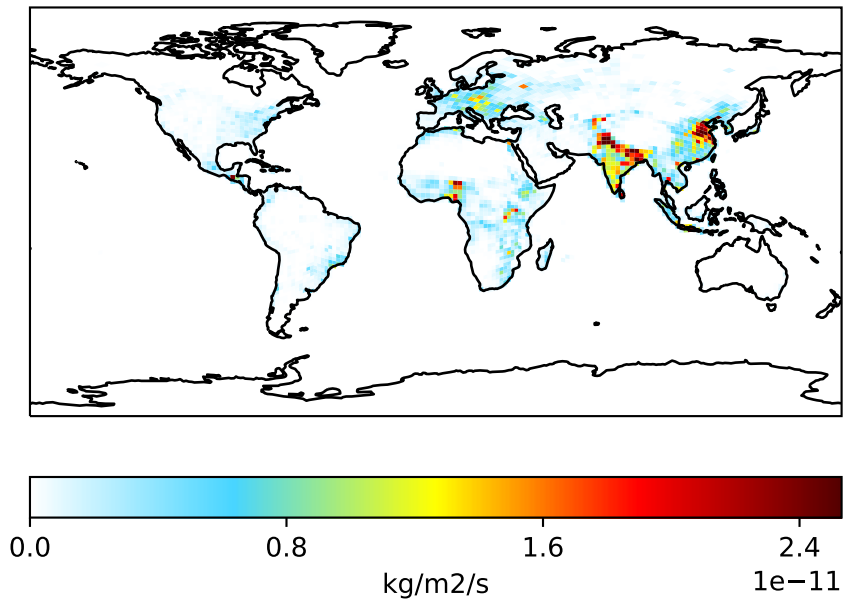


EmisOCPI_Anthro (Jan2019)

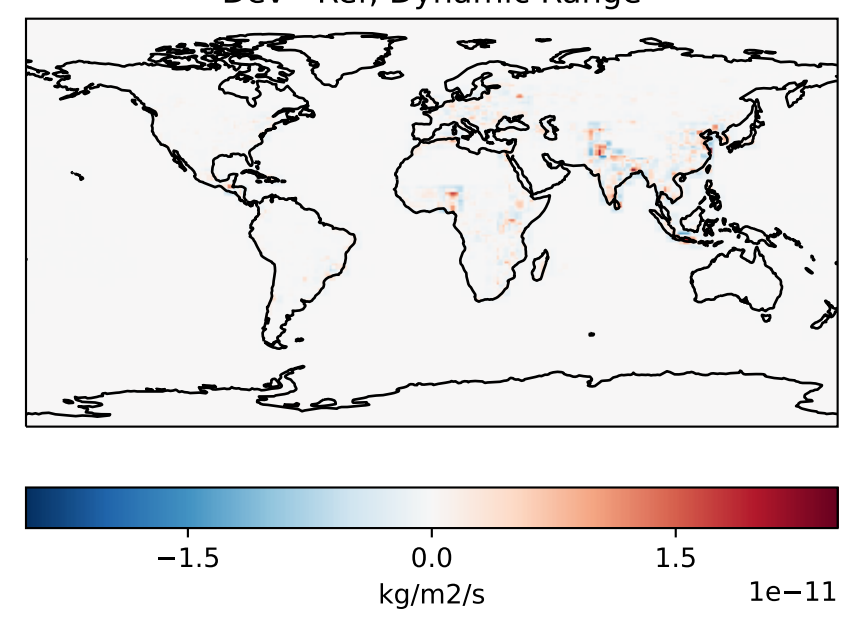
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



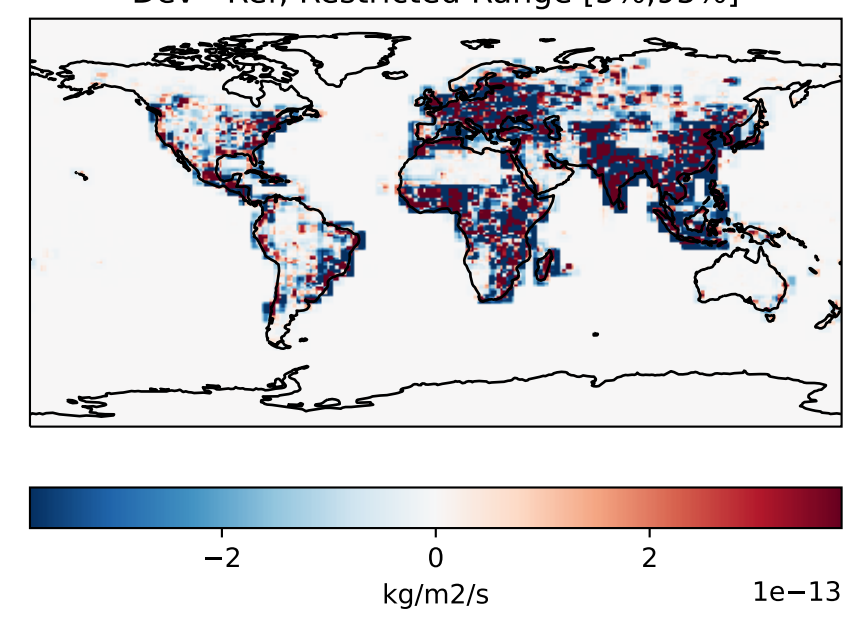
GCHP_13.2.0-LuoWetdep (Dev)
c48



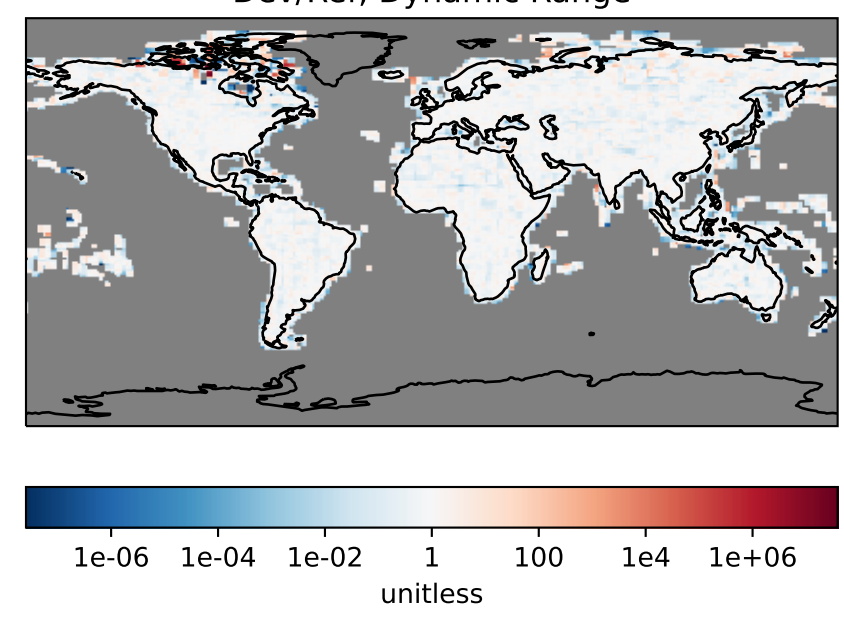
Difference (1x1.25)
Dev - Ref, Dynamic Range



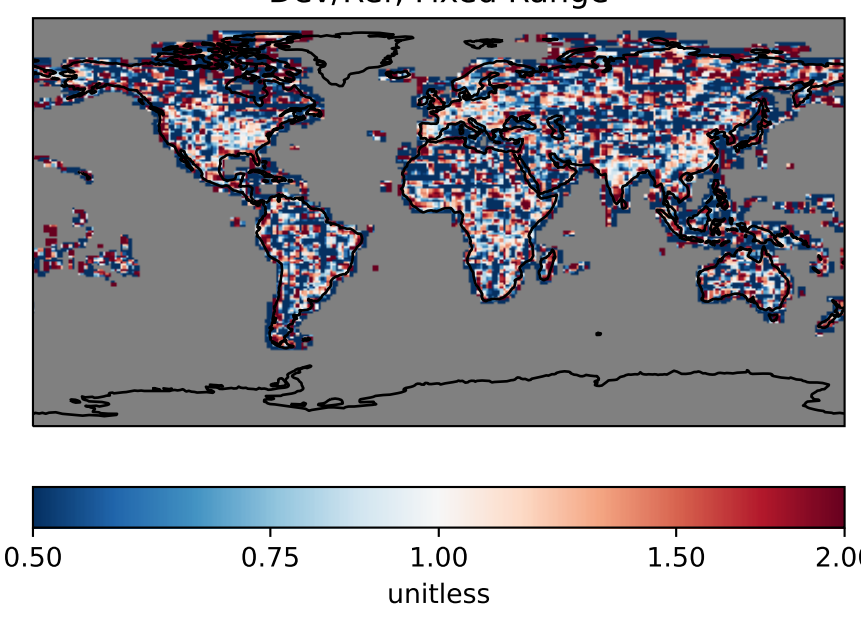
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

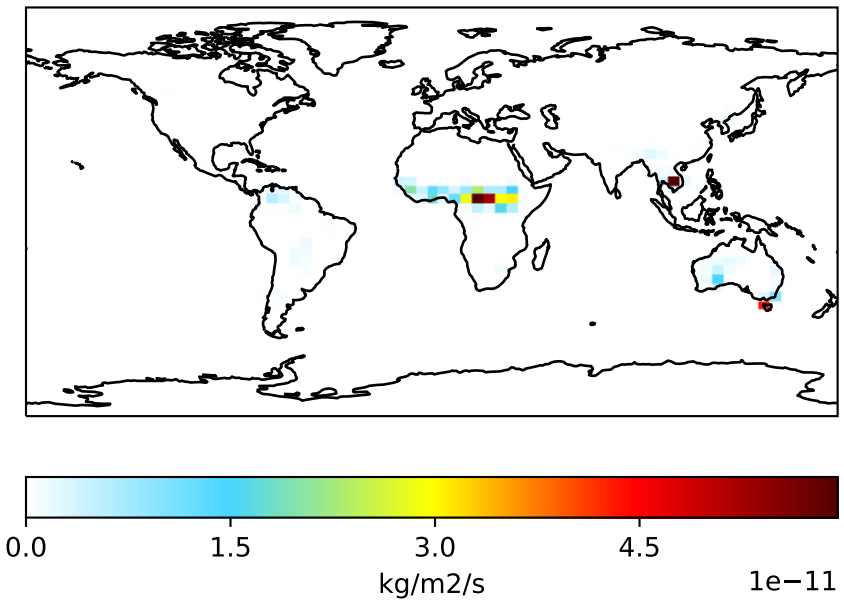


Ratio (1x1.25)
Dev/Ref, Fixed Range

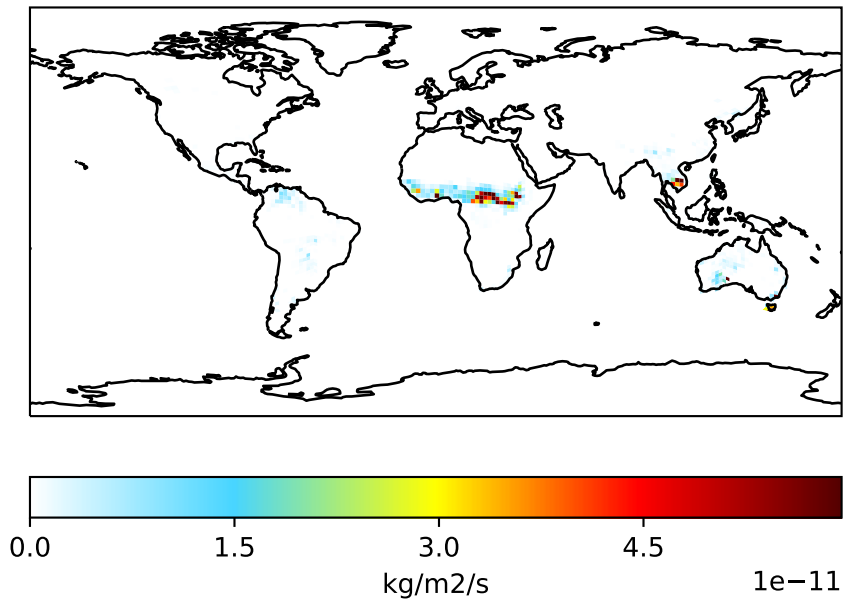


EmisOCPI_BioBurn (Jan2019)

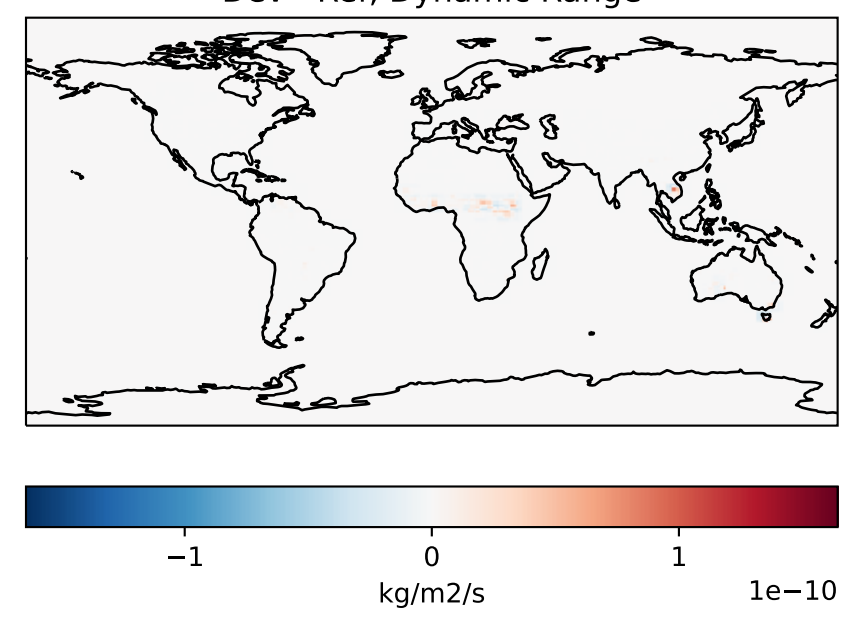
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



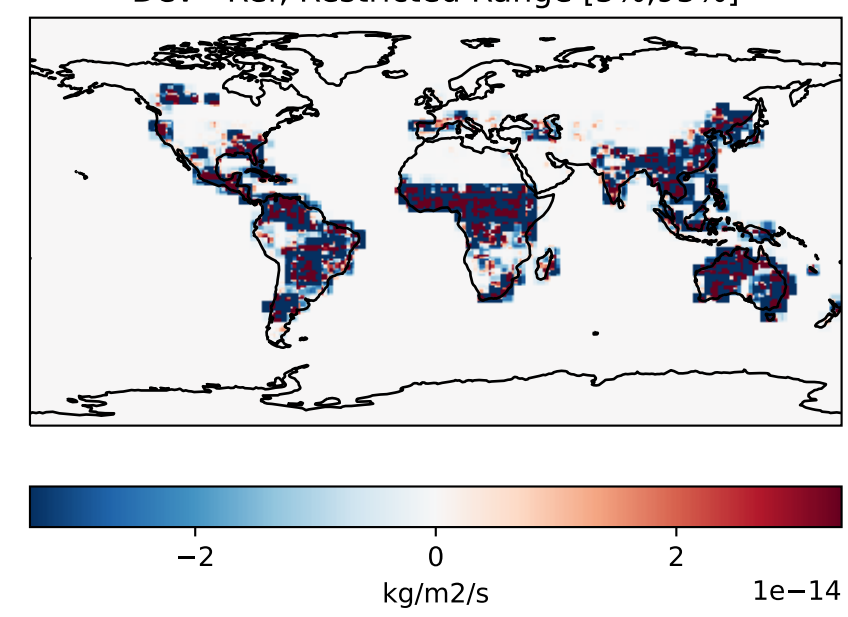
GCHP_13.2.0-LuoWetdep (Dev)
c48



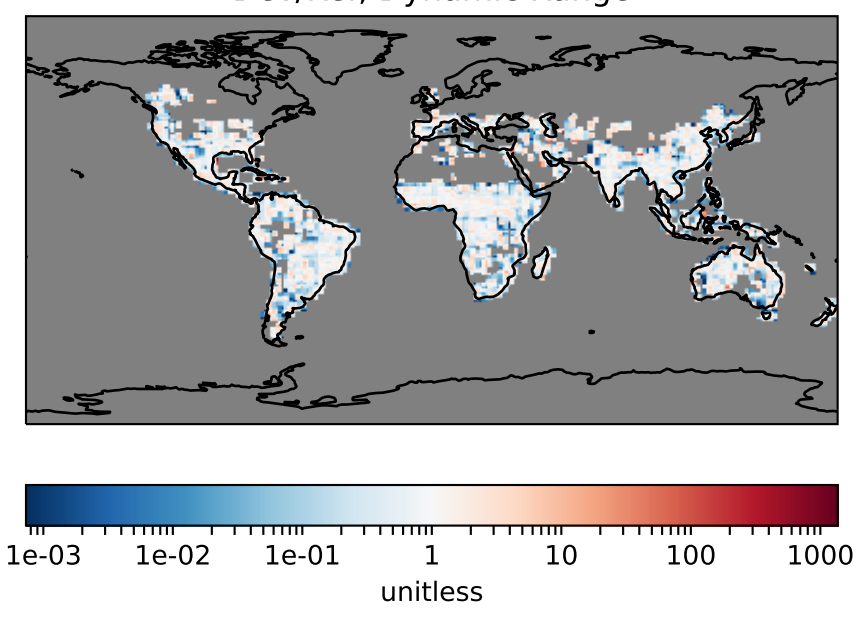
Difference (1x1.25)
Dev - Ref, Dynamic Range



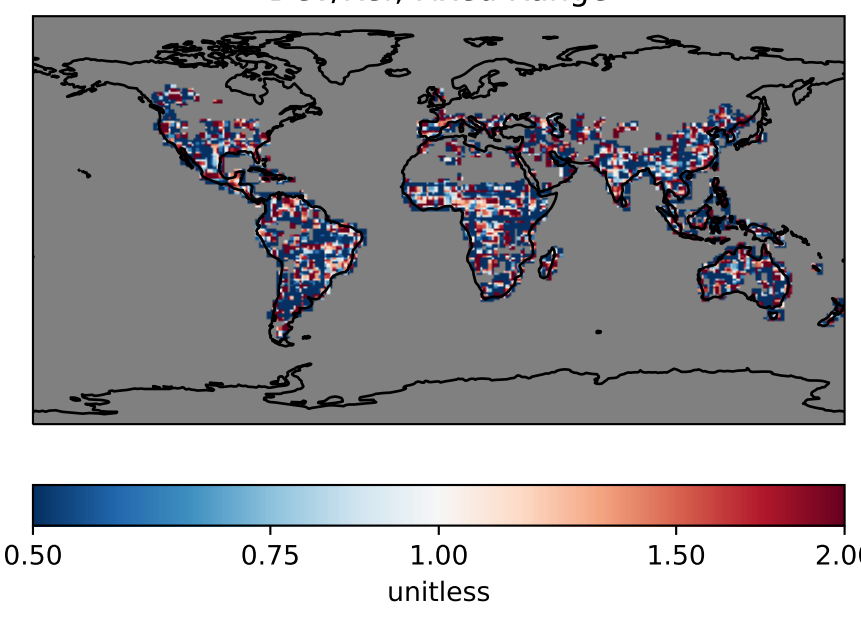
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

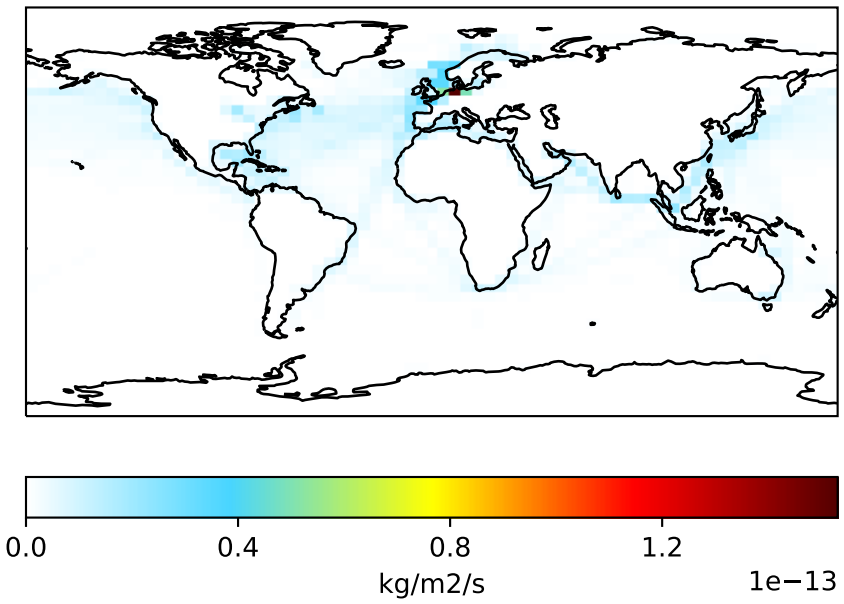


Ratio (1x1.25)
Dev/Ref, Fixed Range

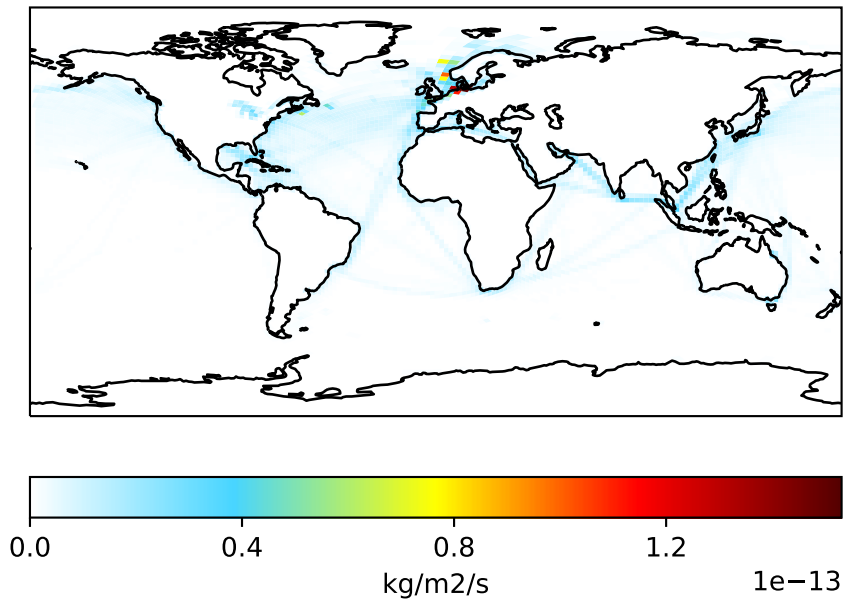


EmisOCPI_Ship (Jan2019)

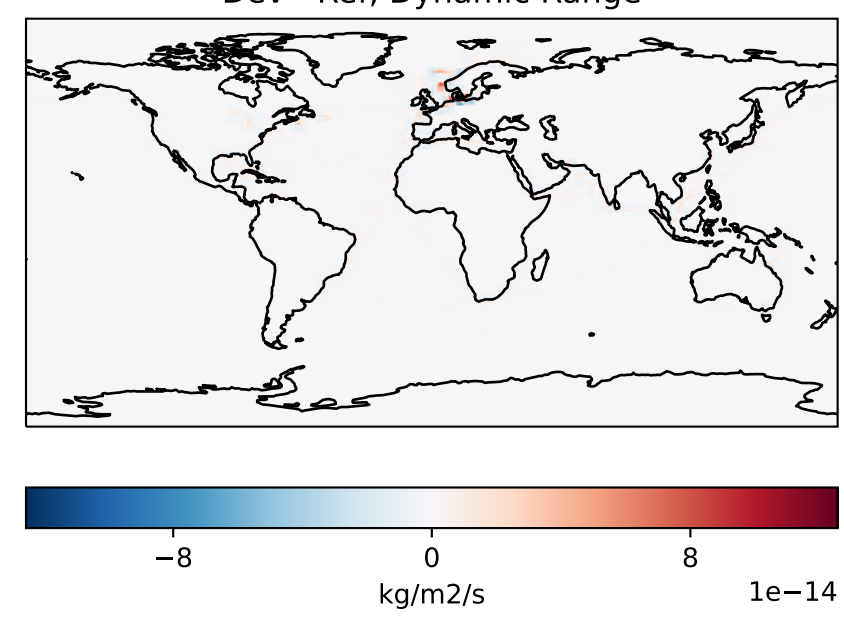
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



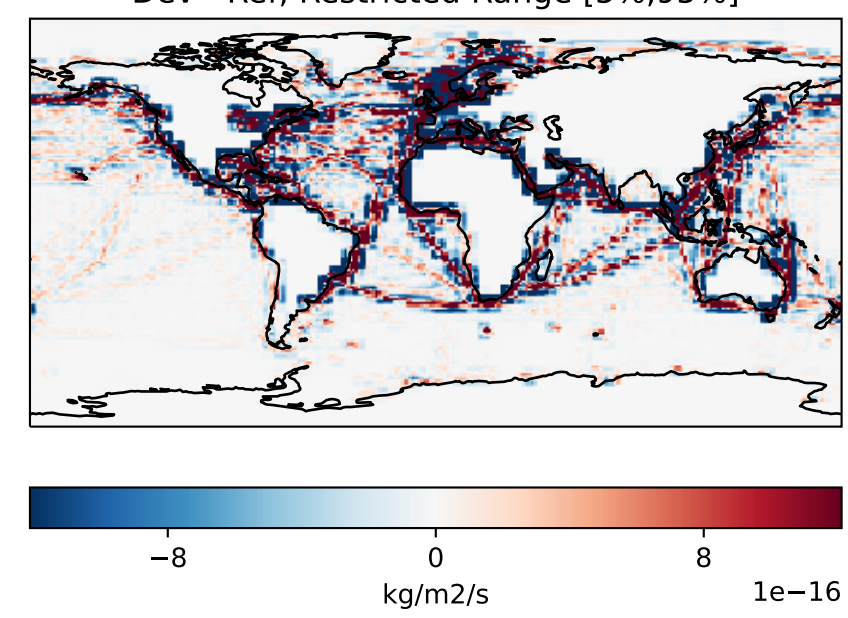
GCHP_13.2.0-LuoWetdep (Dev)
c48



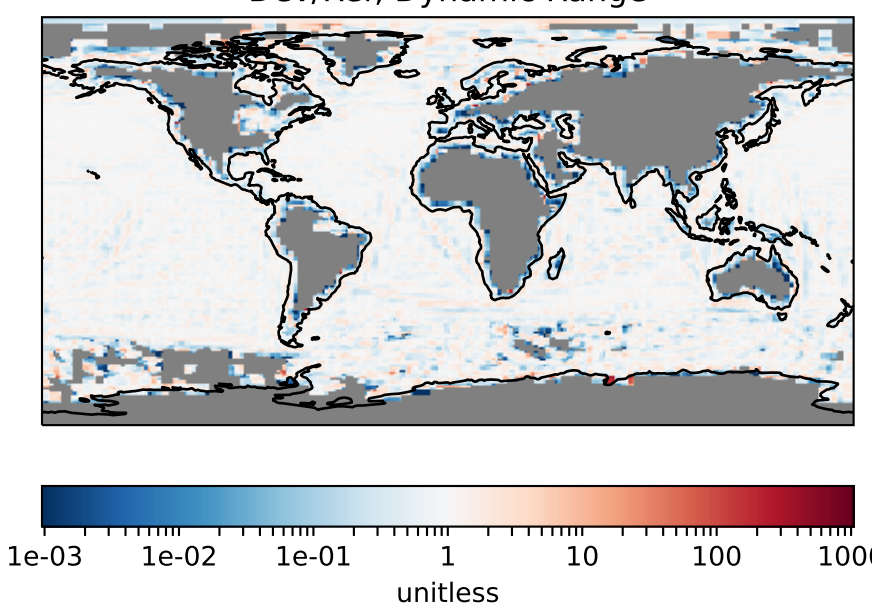
Difference (1x1.25)
Dev - Ref, Dynamic Range



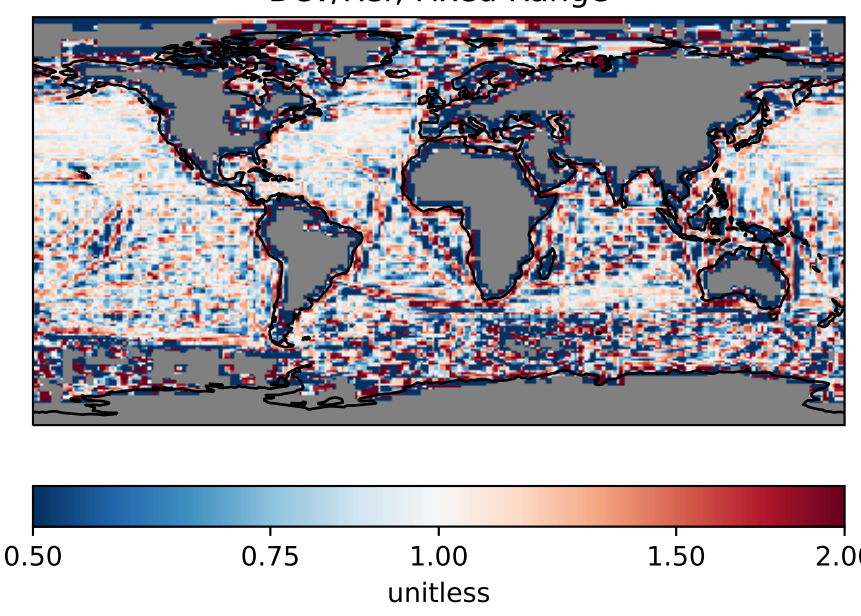
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

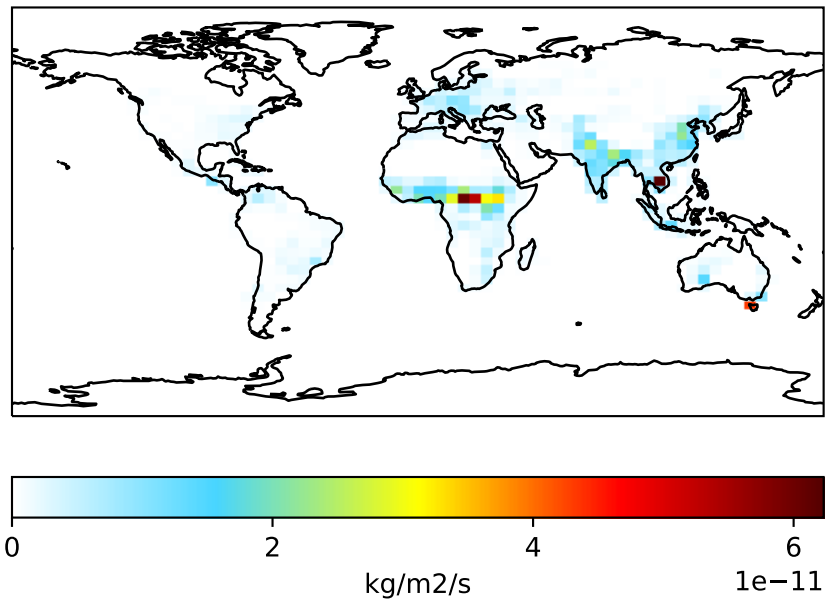


Ratio (1x1.25)
Dev/Ref, Fixed Range

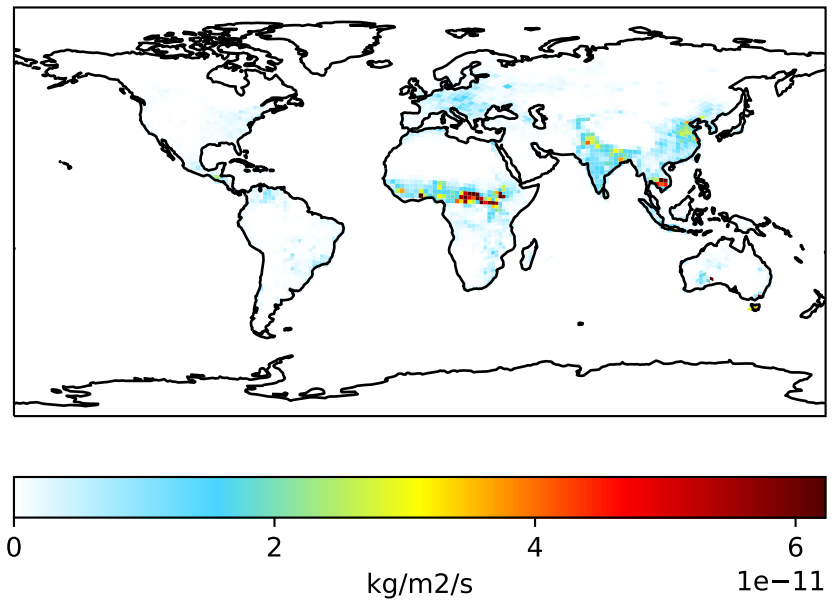


EmisOCPI_Total (Jan2019)

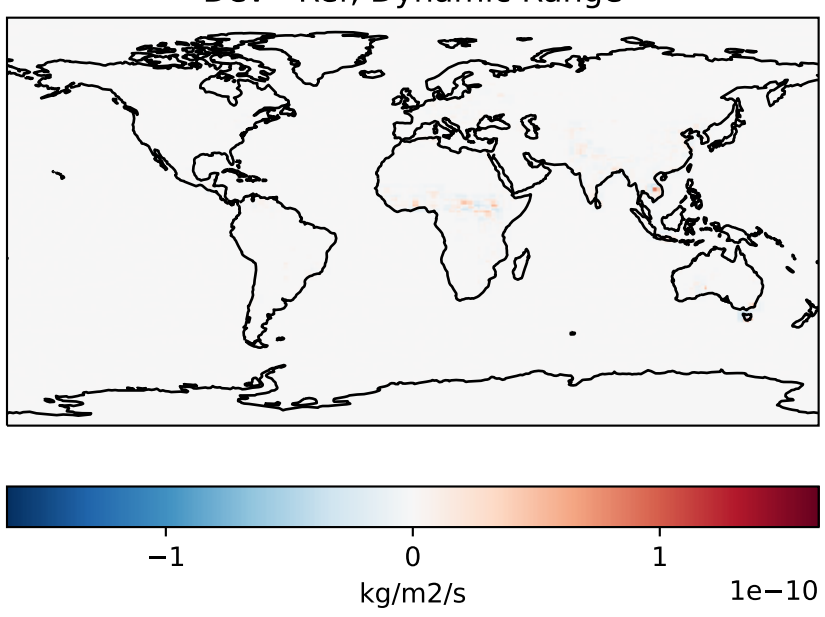
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



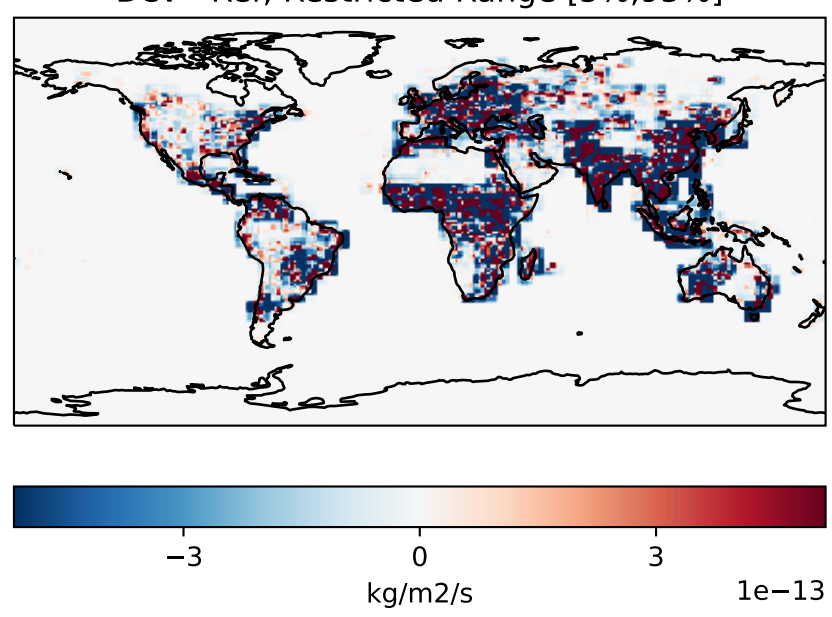
GCHP_13.2.0-LuoWetdep (Dev)
c48



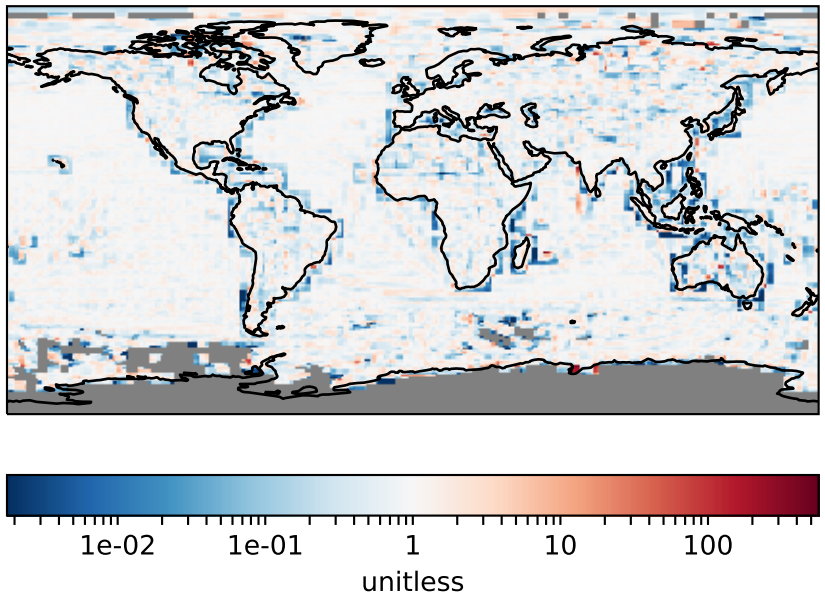
Difference (1x1.25)
Dev - Ref, Dynamic Range



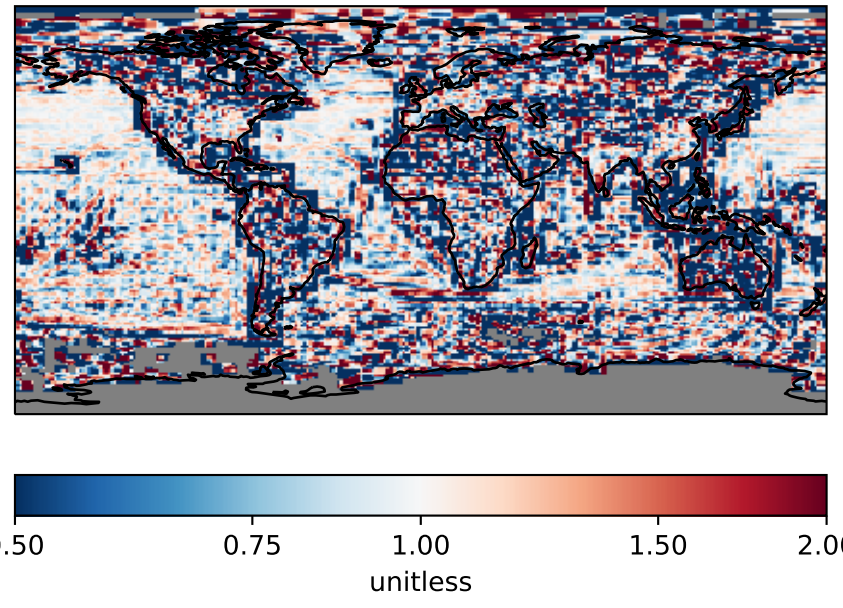
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

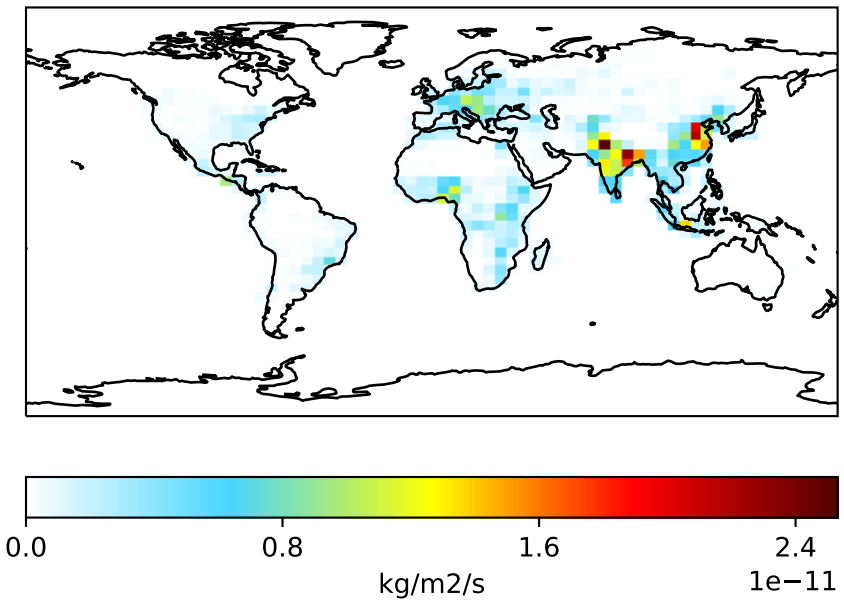


Ratio (1x1.25)
Dev/Ref, Fixed Range

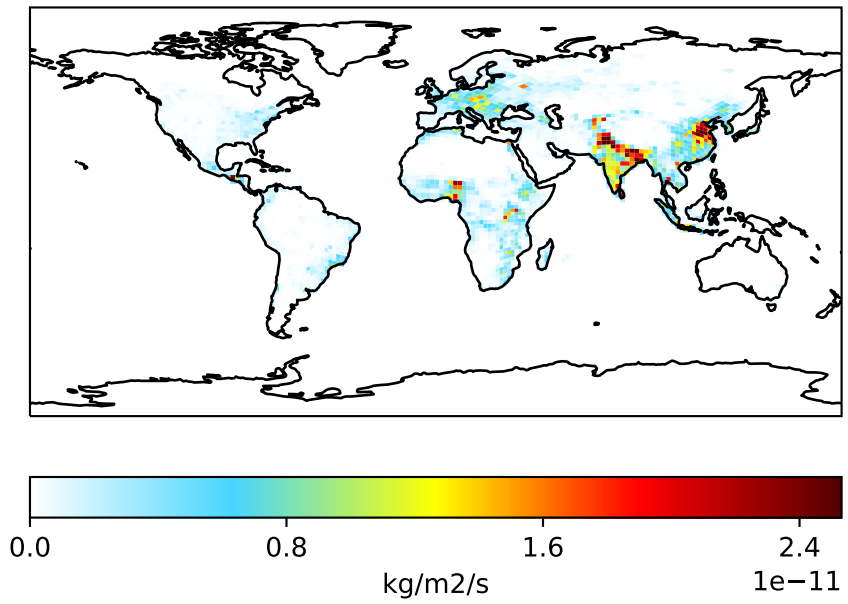


EmisOCPO_Anthro (Jan2019)

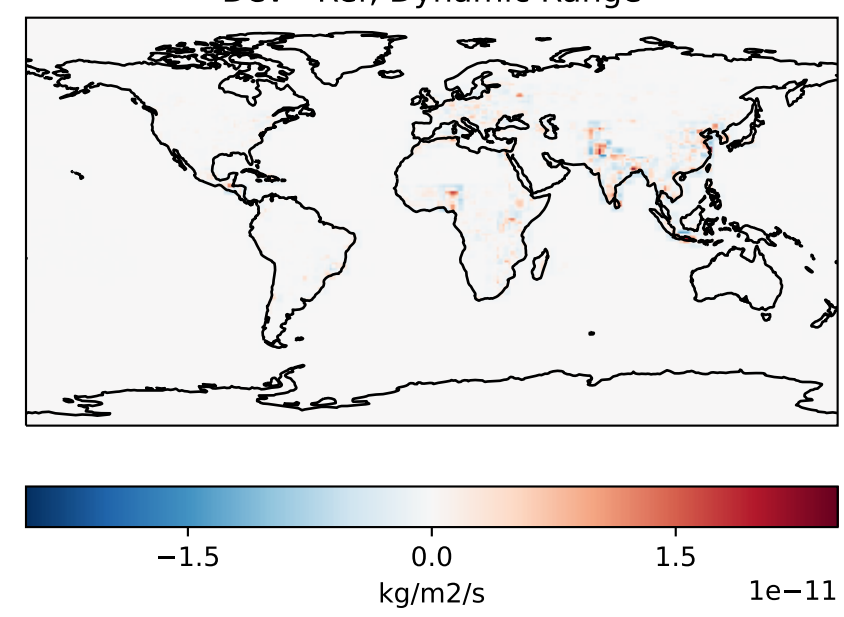
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



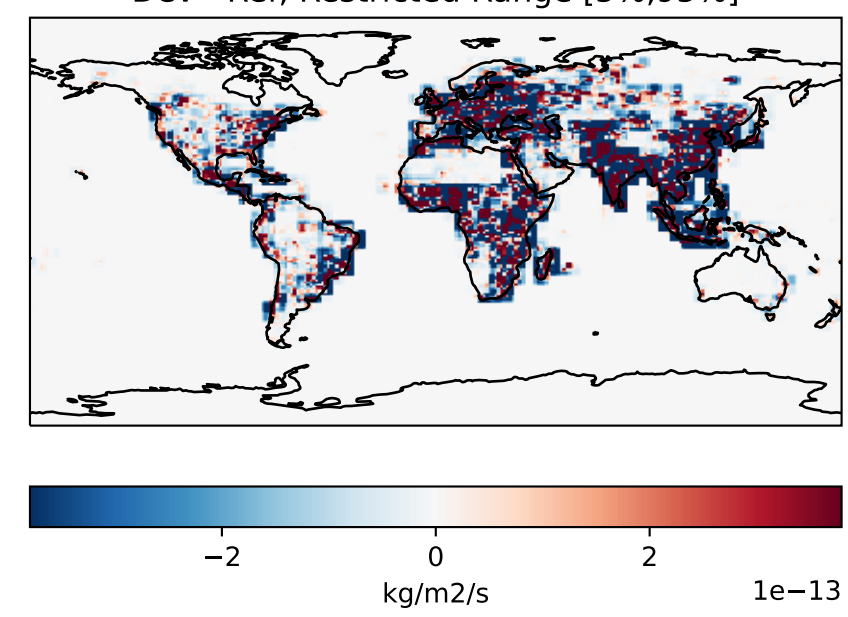
GCHP_13.2.0-LuoWetdep (Dev)
c48



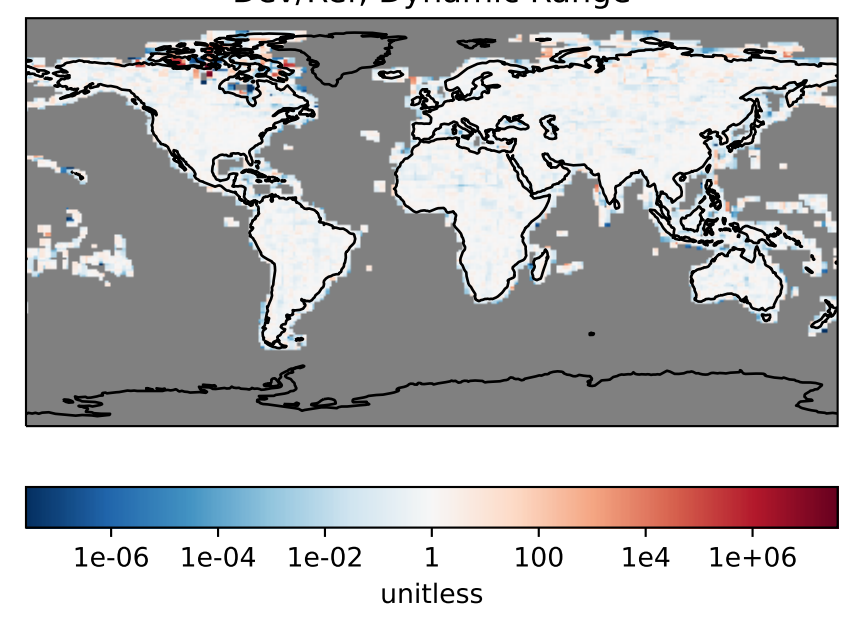
Difference (1x1.25)
Dev - Ref, Dynamic Range



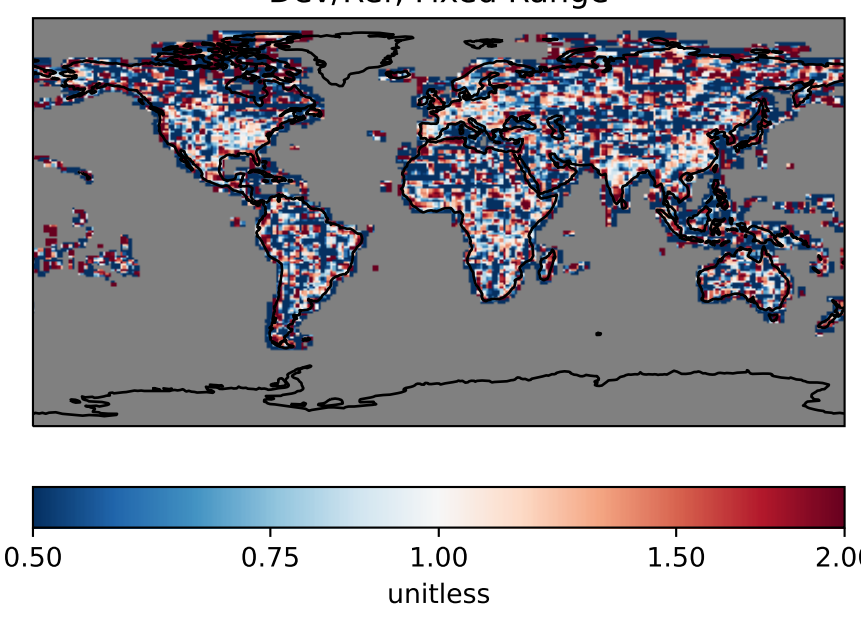
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

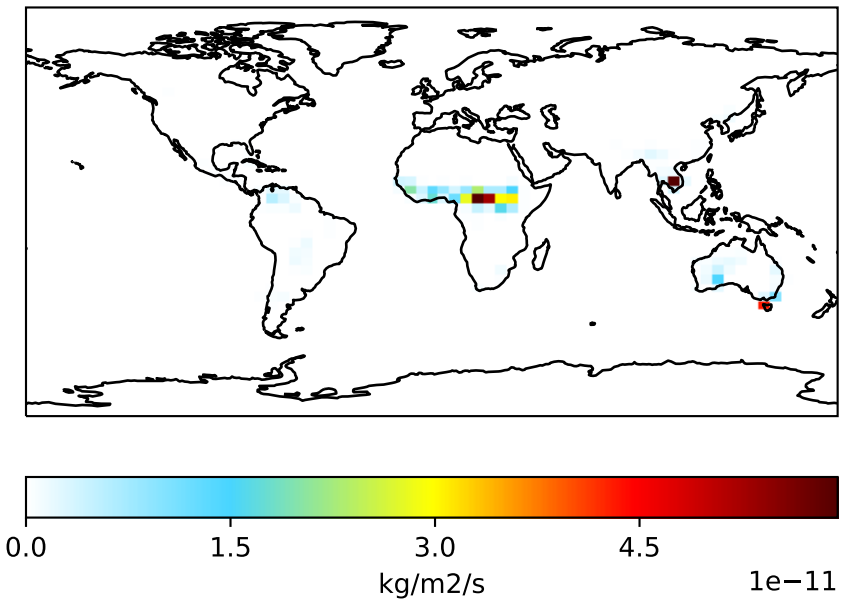


Ratio (1x1.25)
Dev/Ref, Fixed Range

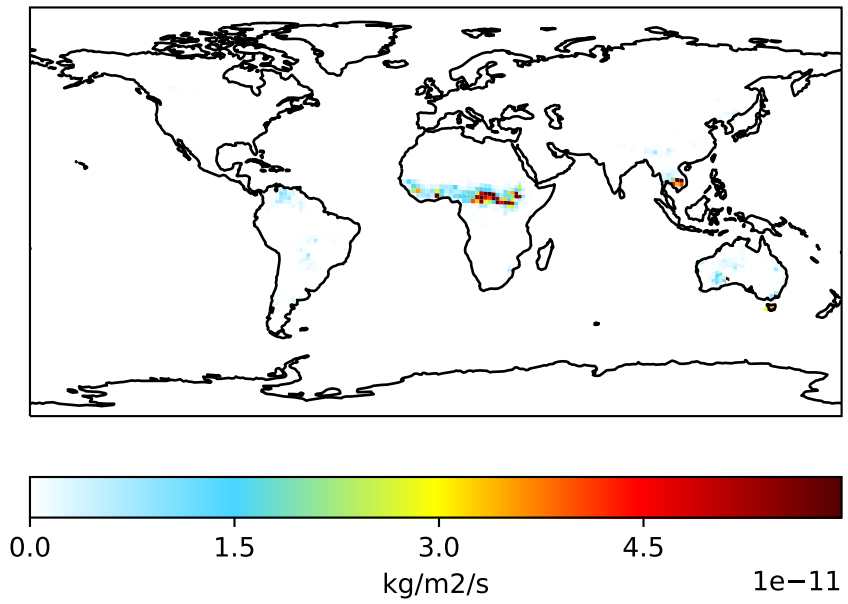


EmisOCPO_BioBurn (Jan2019)

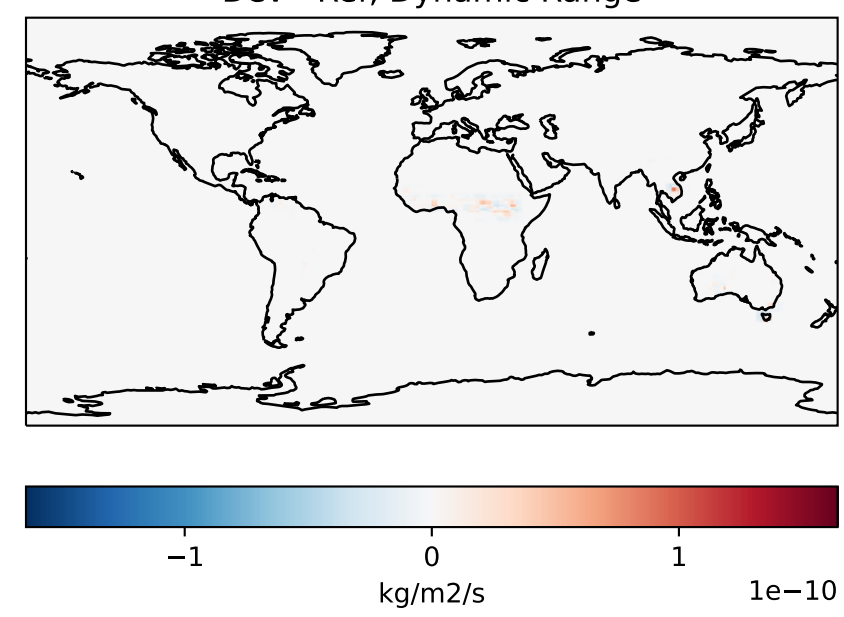
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



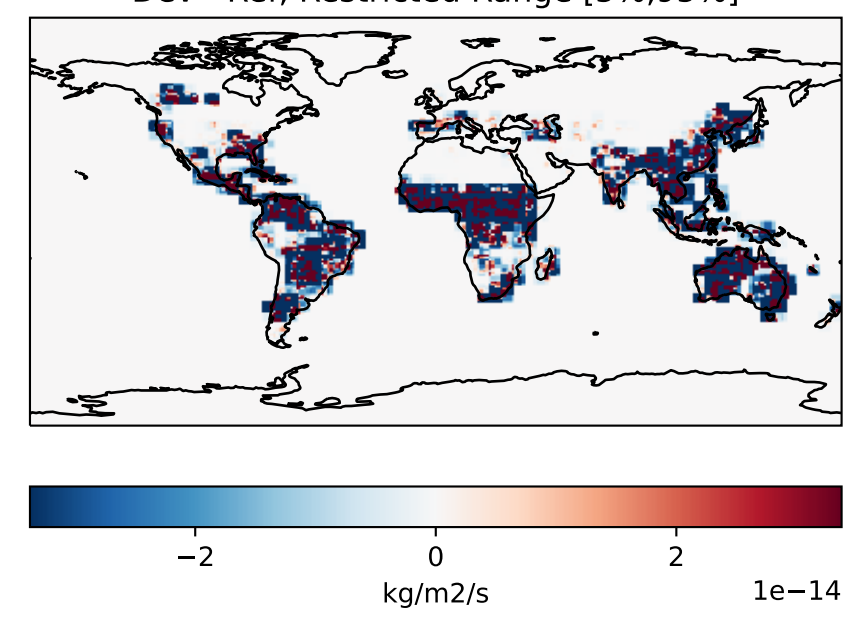
GCHP_13.2.0-LuoWetdep (Dev)
c48



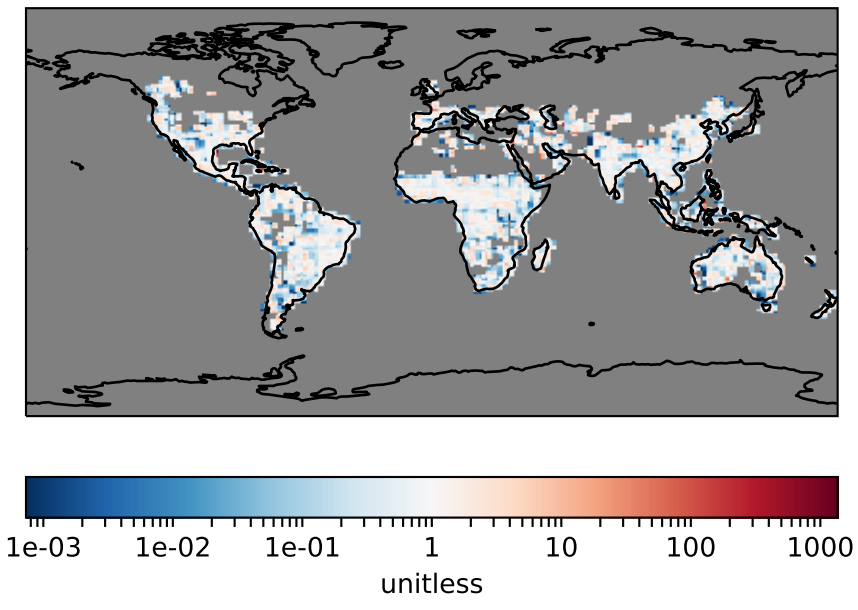
Difference (1x1.25)
Dev - Ref, Dynamic Range



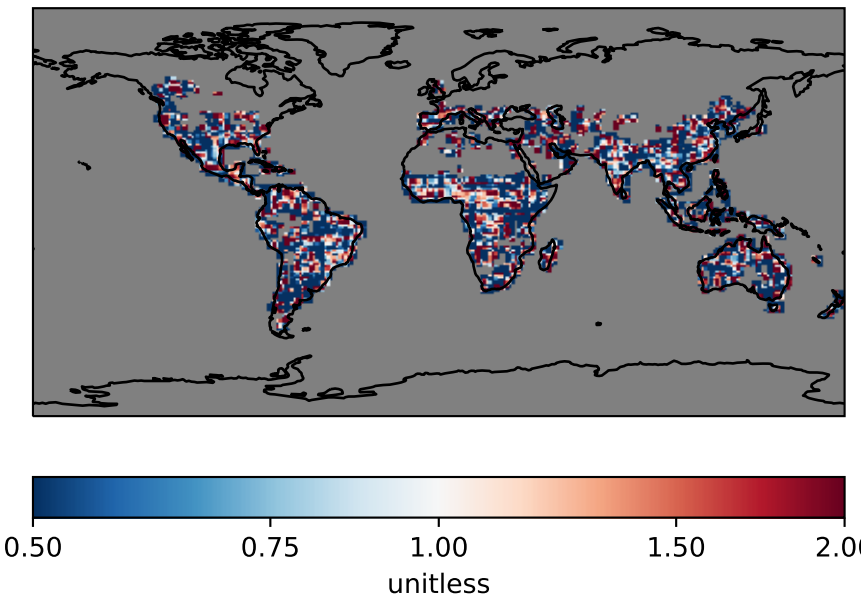
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

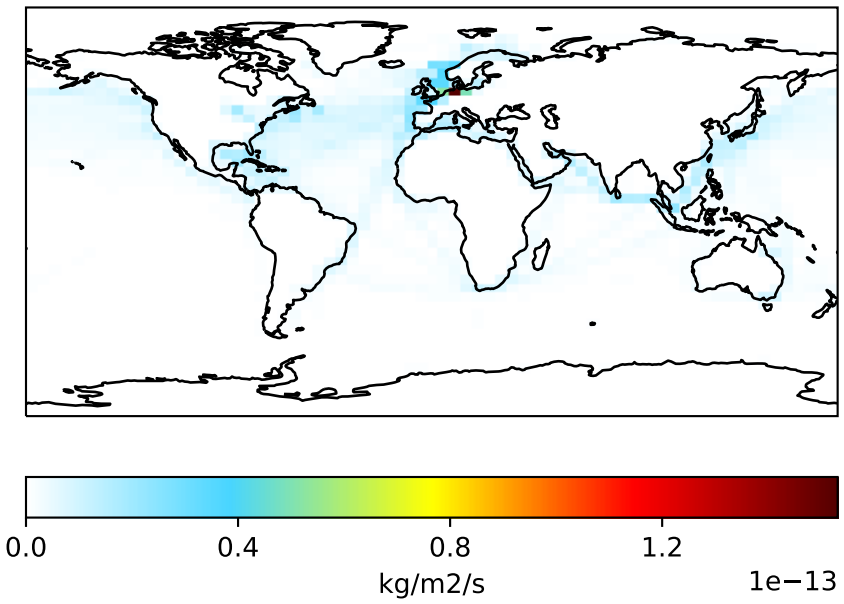


Ratio (1x1.25)
Dev/Ref, Fixed Range

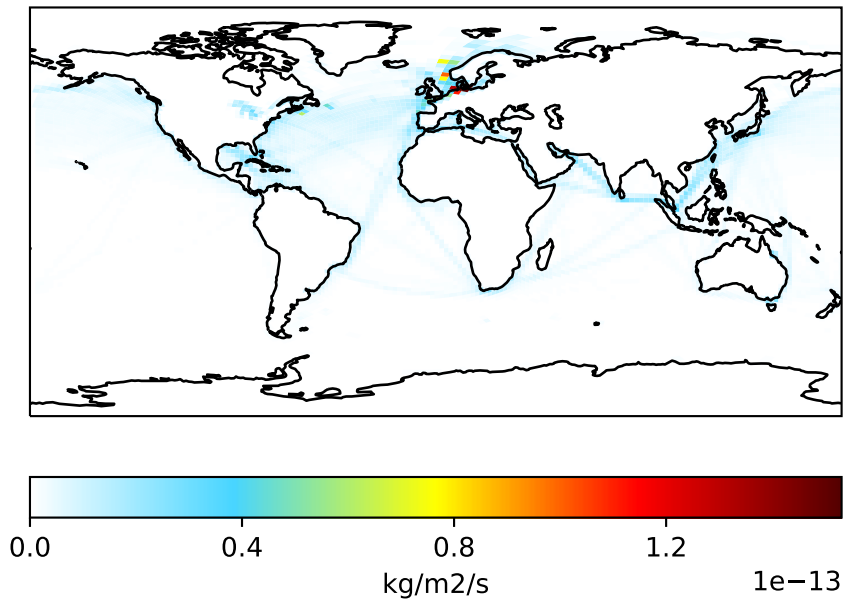


EmisOCPO_Ship (Jan2019)

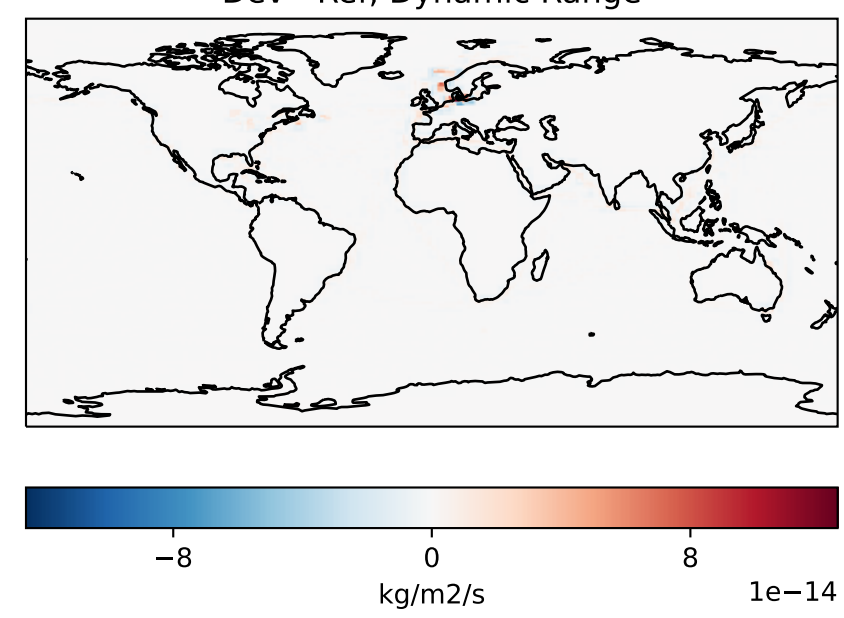
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



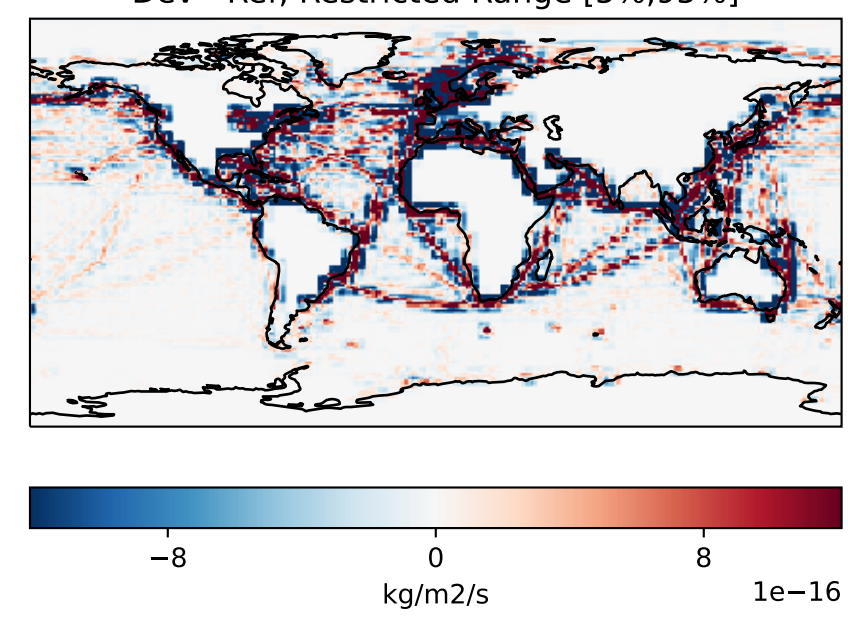
GCHP_13.2.0-LuoWetdep (Dev)
c48



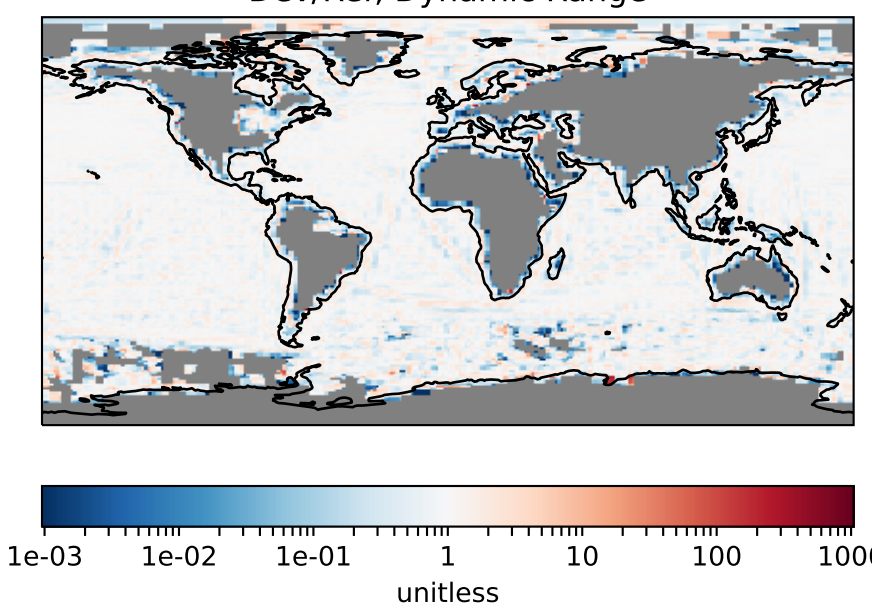
Difference (1x1.25)
Dev - Ref, Dynamic Range



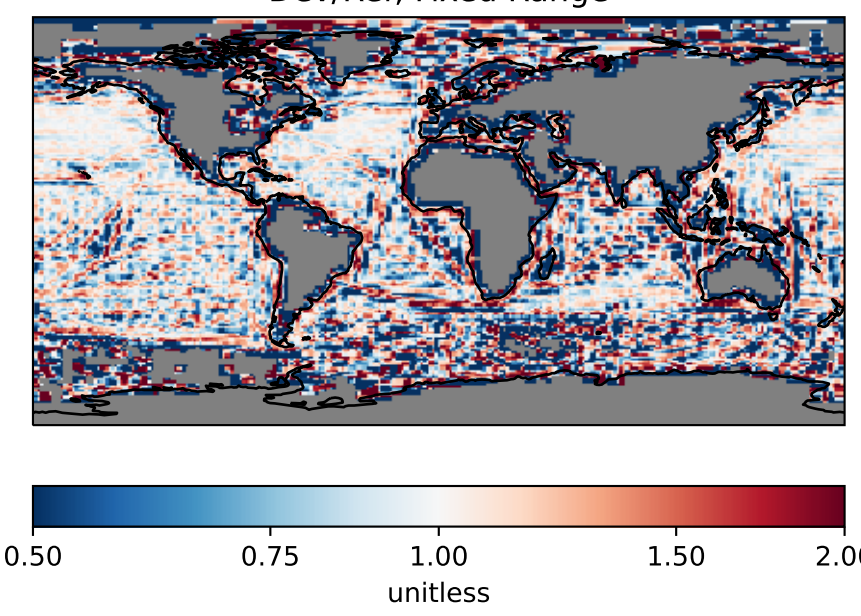
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

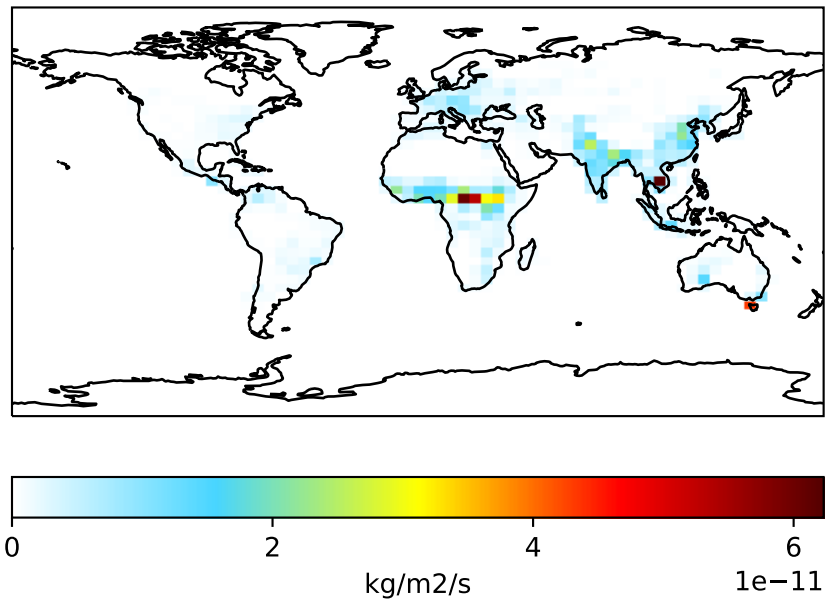


Ratio (1x1.25)
Dev/Ref, Fixed Range

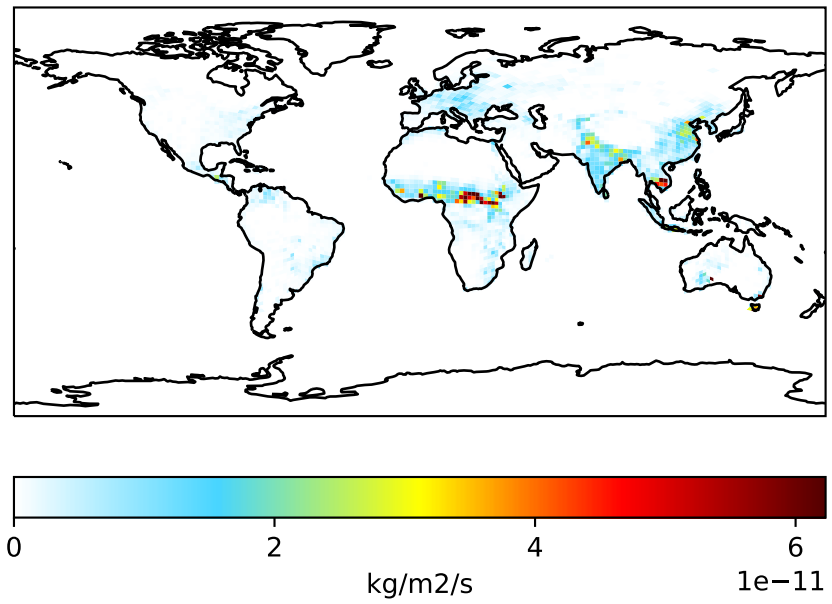


EmisOCPO_Total (Jan2019)

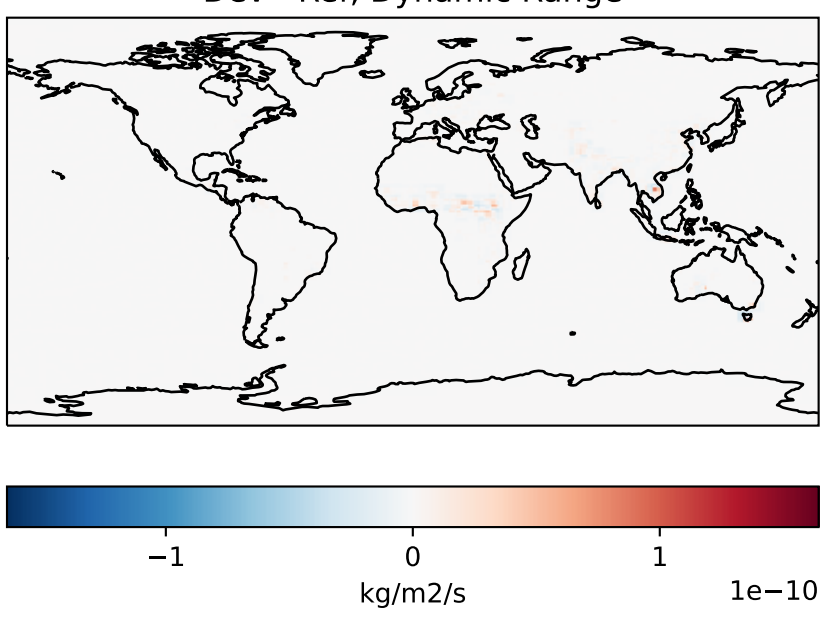
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



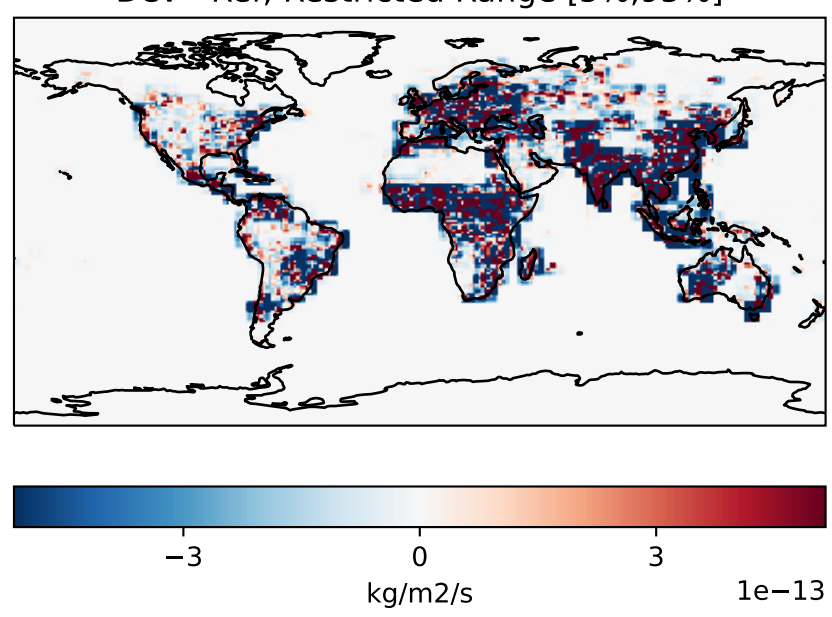
GCHP_13.2.0-LuoWetdep (Dev)
c48



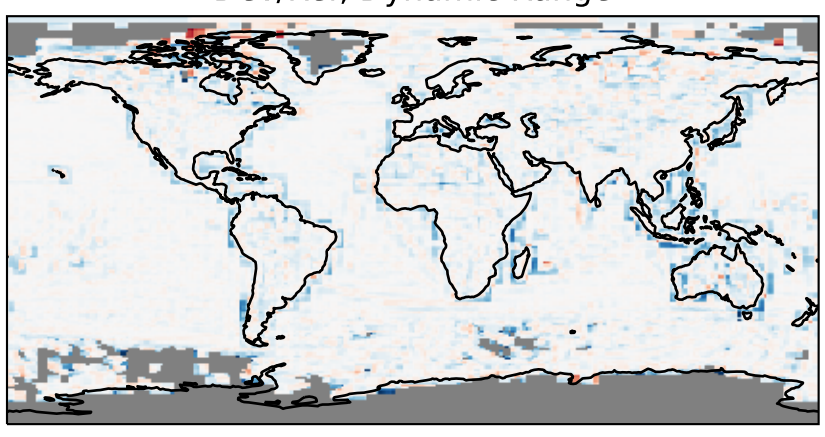
Difference (1x1.25)
Dev - Ref, Dynamic Range



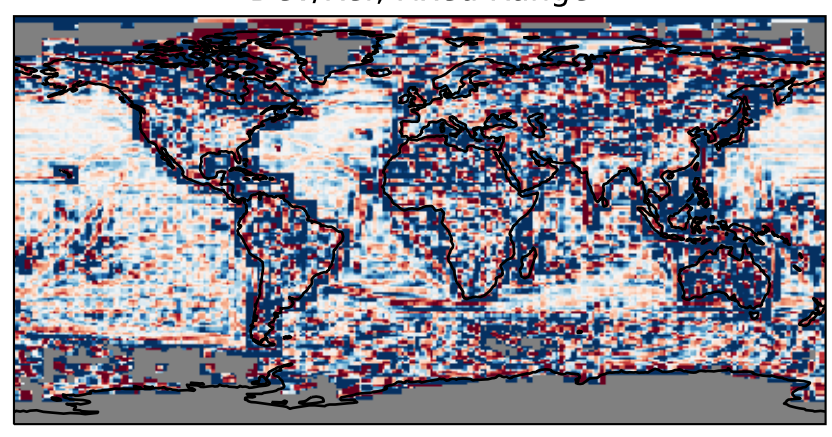
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

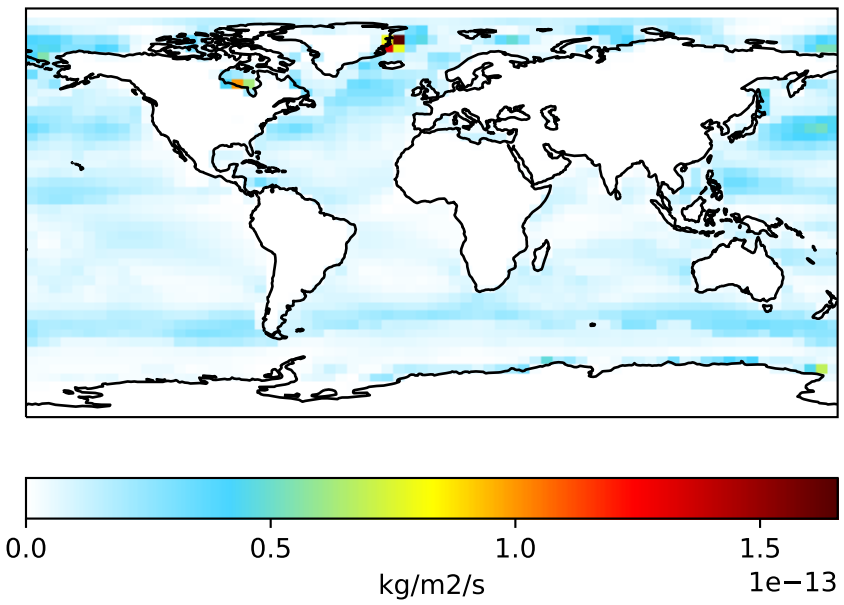


Ratio (1x1.25)
Dev/Ref, Fixed Range

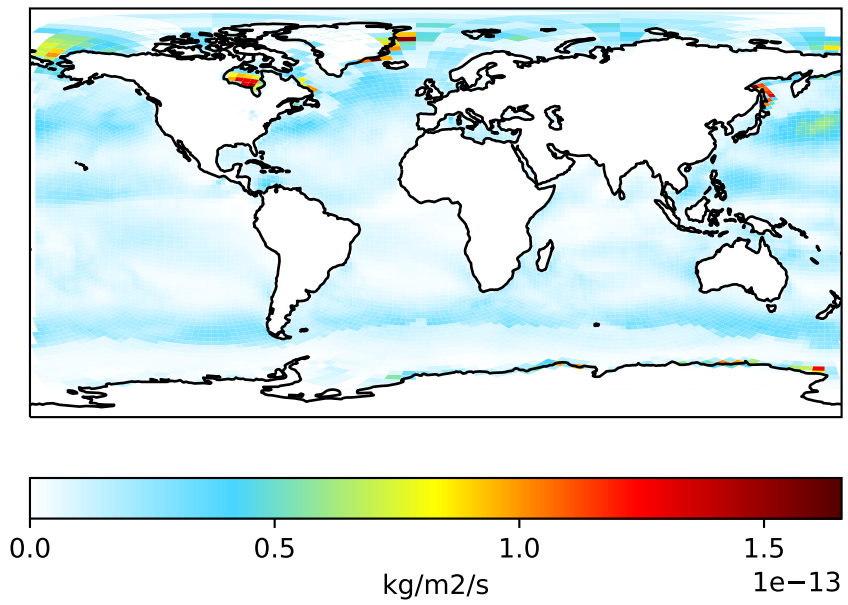


EmisBrSALA_Natural (Jan2019)

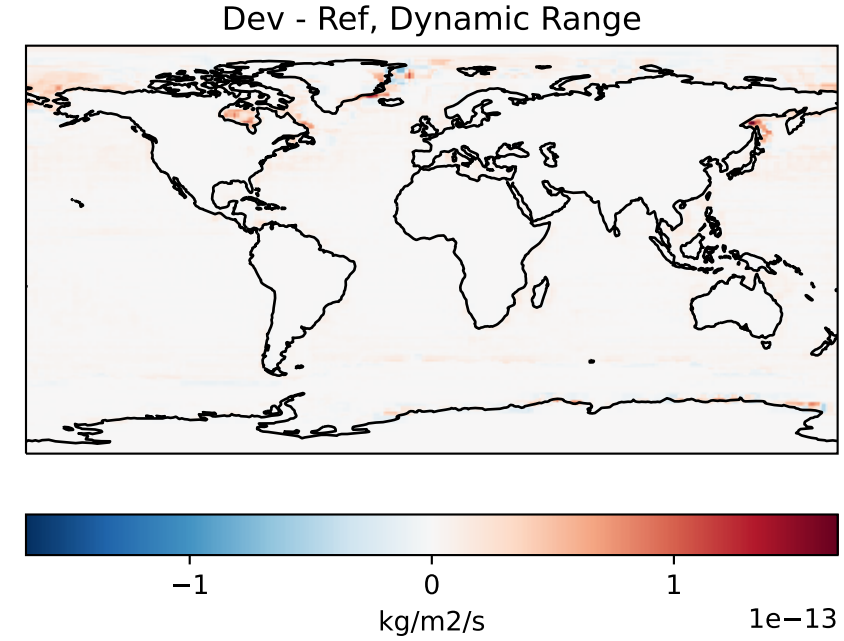
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



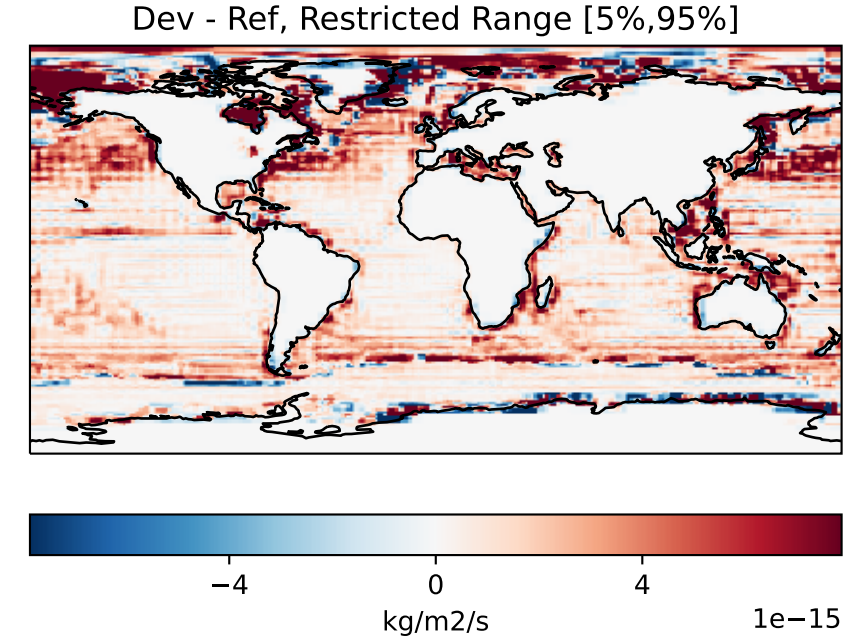
GCHP_13.2.0-LuoWetdep (Dev)
c48



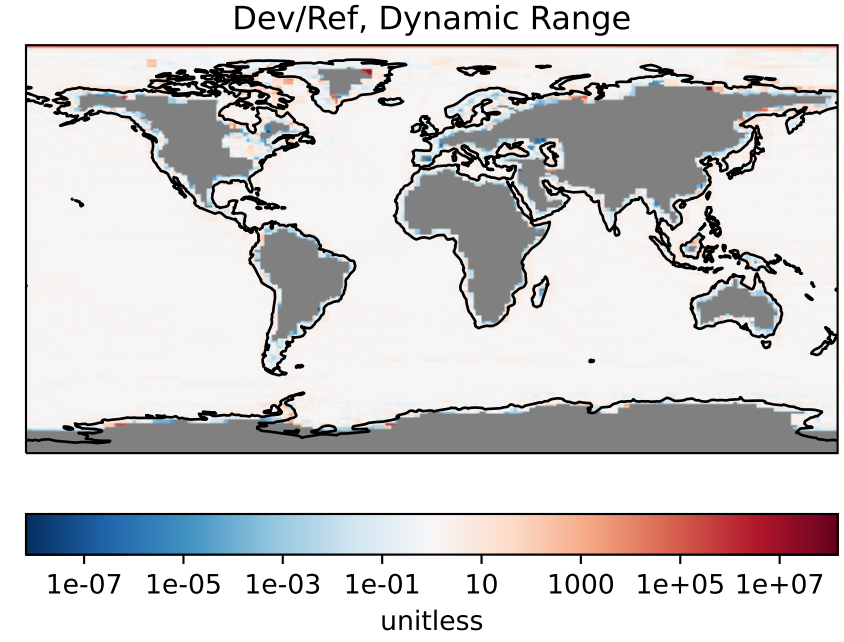
Difference (1x1.25)
Dev - Ref, Dynamic Range



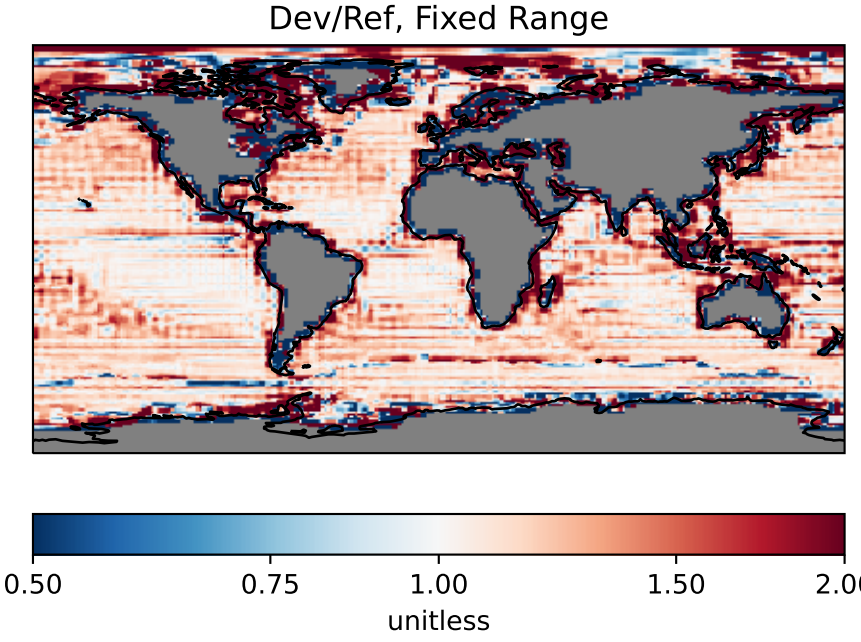
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

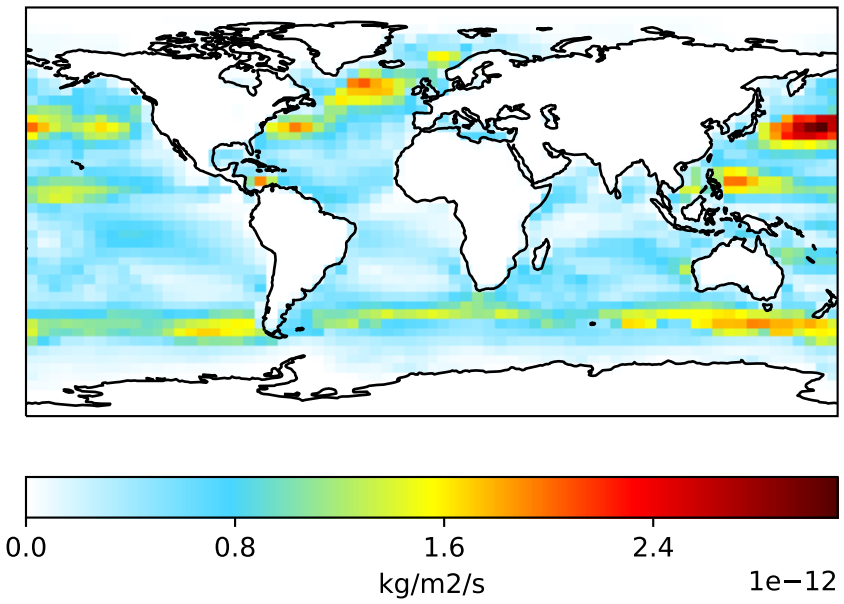


Ratio (1x1.25)
Dev/Ref, Fixed Range

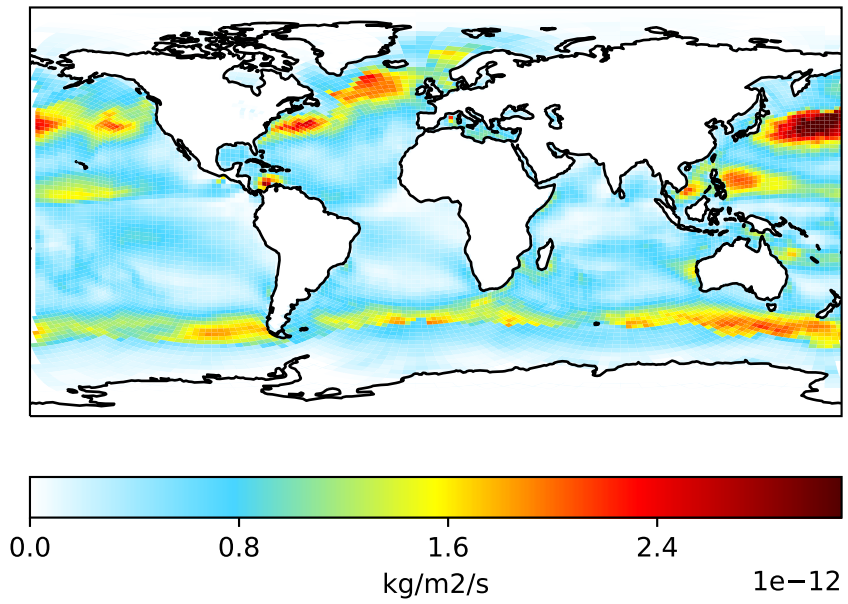


EmisBrSALC_Natural (Jan2019)

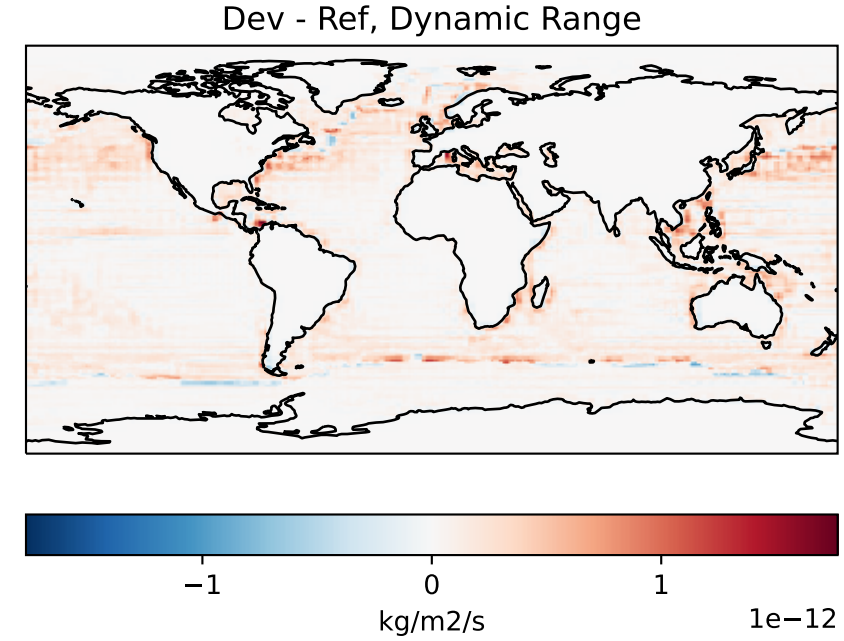
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



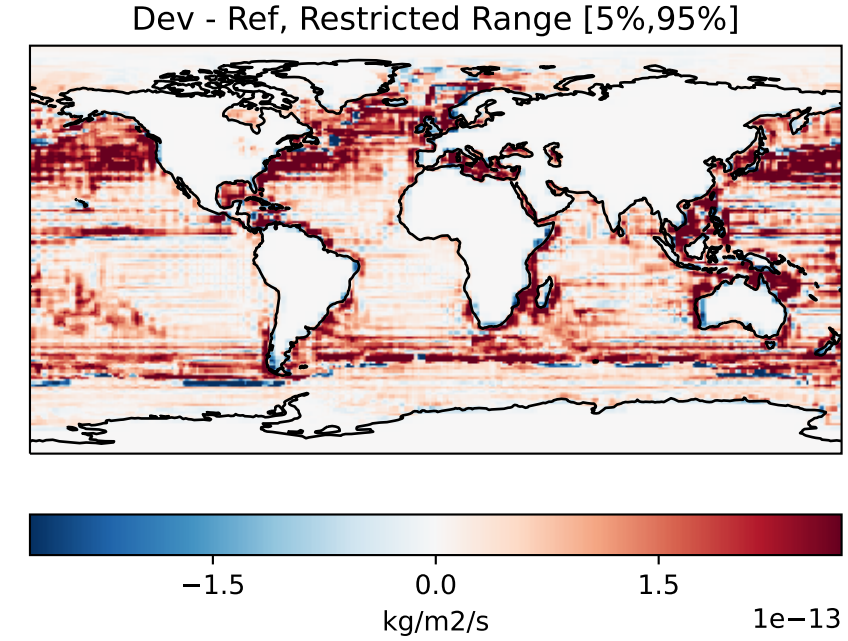
GCHP_13.2.0-LuoWetdep (Dev)
c48



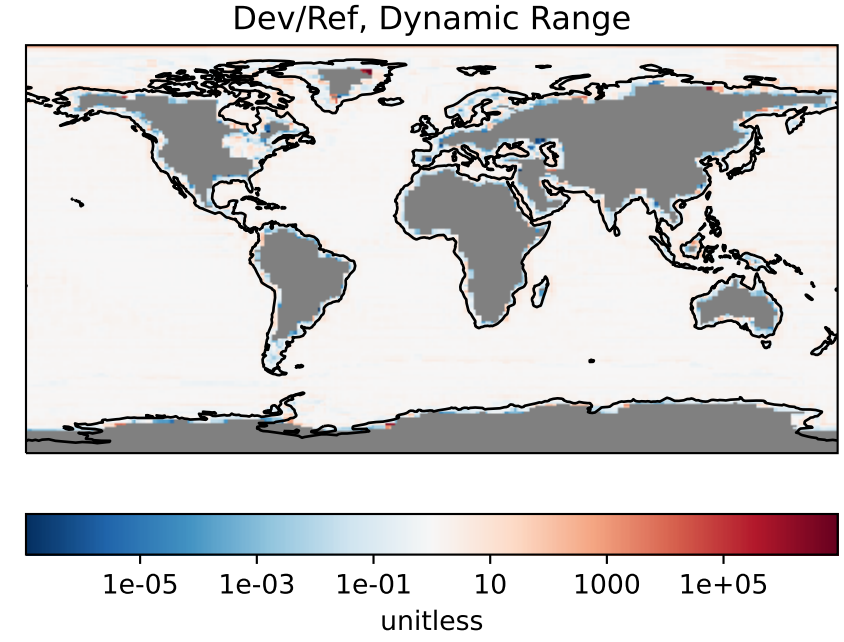
Difference (1x1.25)
Dev - Ref, Dynamic Range



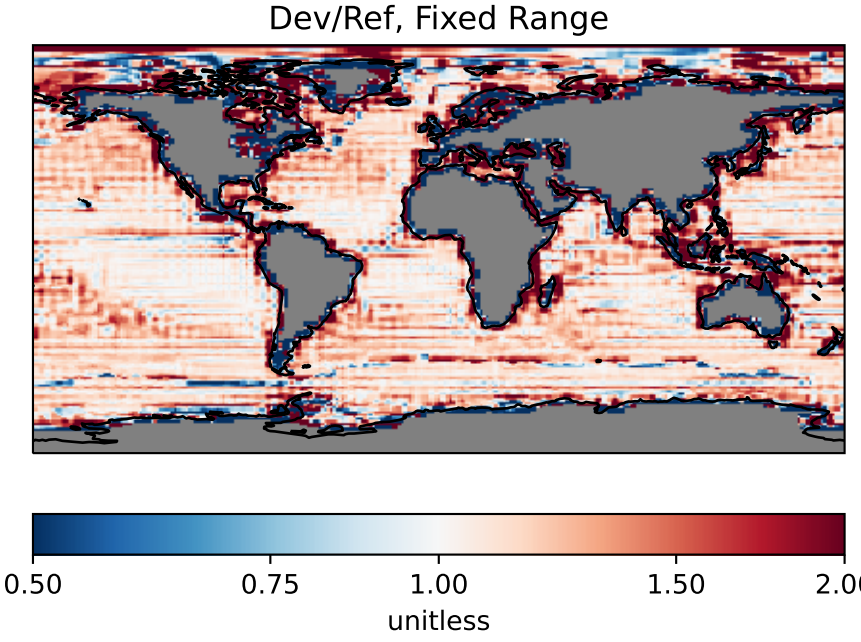
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

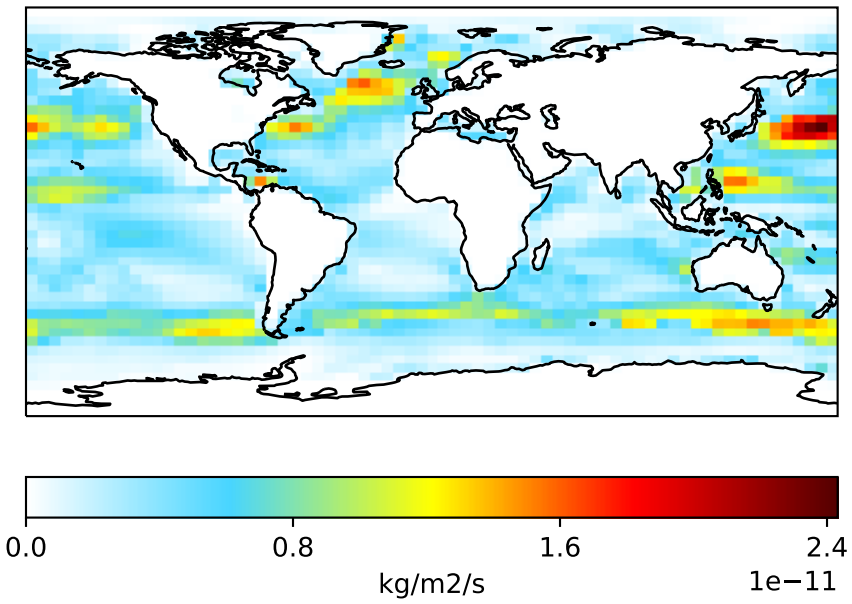


Ratio (1x1.25)
Dev/Ref, Fixed Range

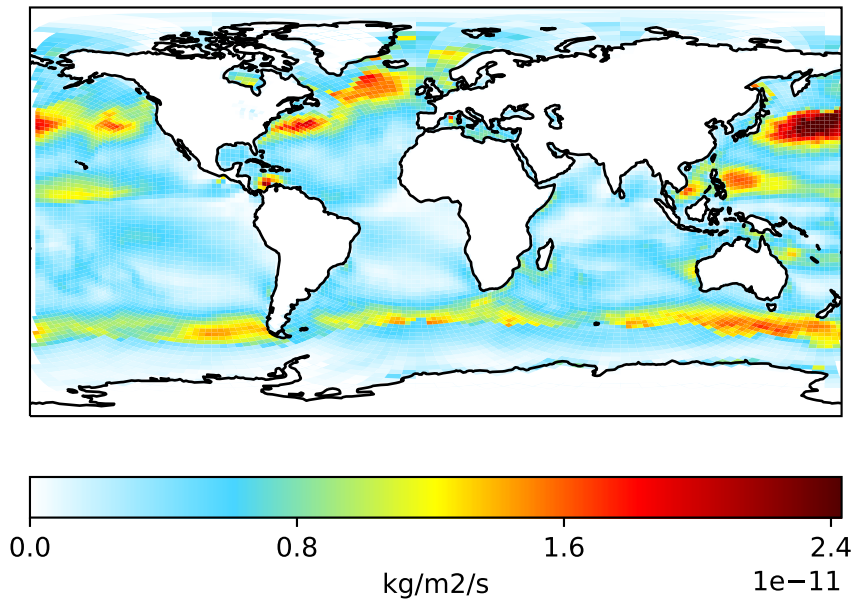


EmisSALA_Natural (Jan2019)

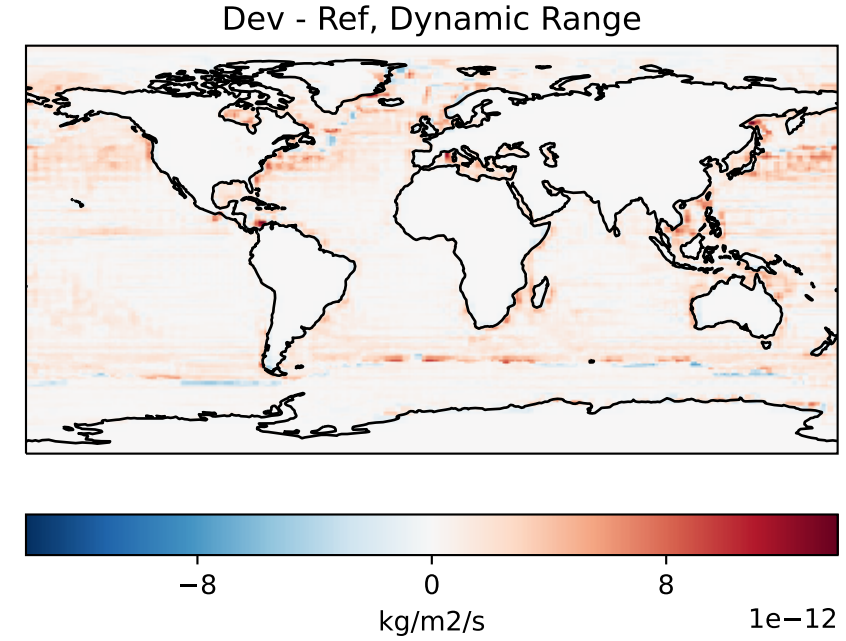
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



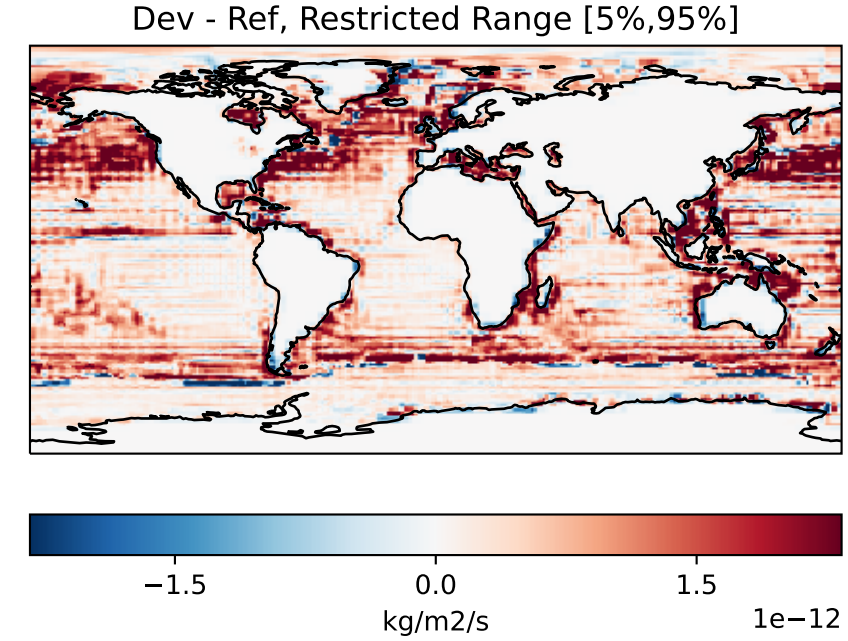
GCHP_13.2.0-LuoWetdep (Dev)
c48



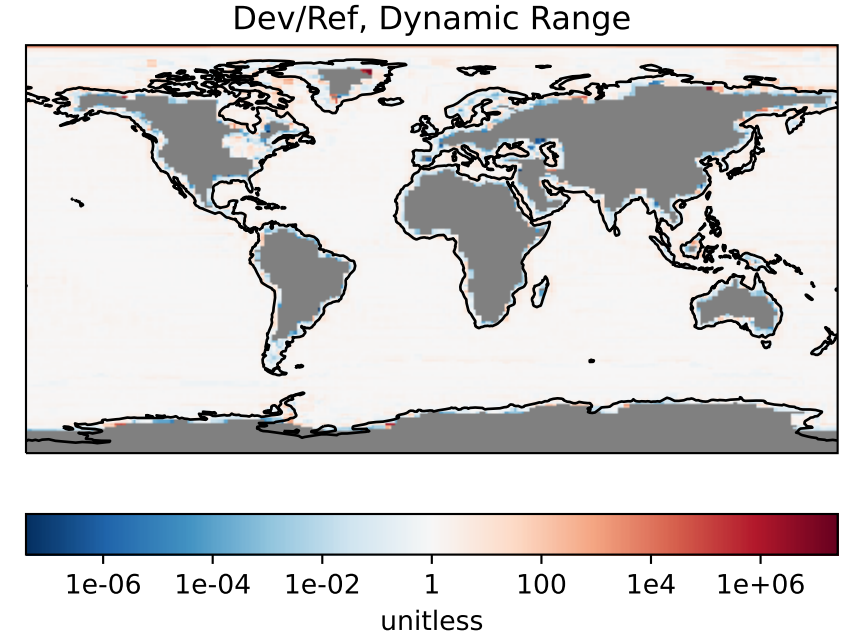
Difference (1x1.25)
Dev - Ref, Dynamic Range



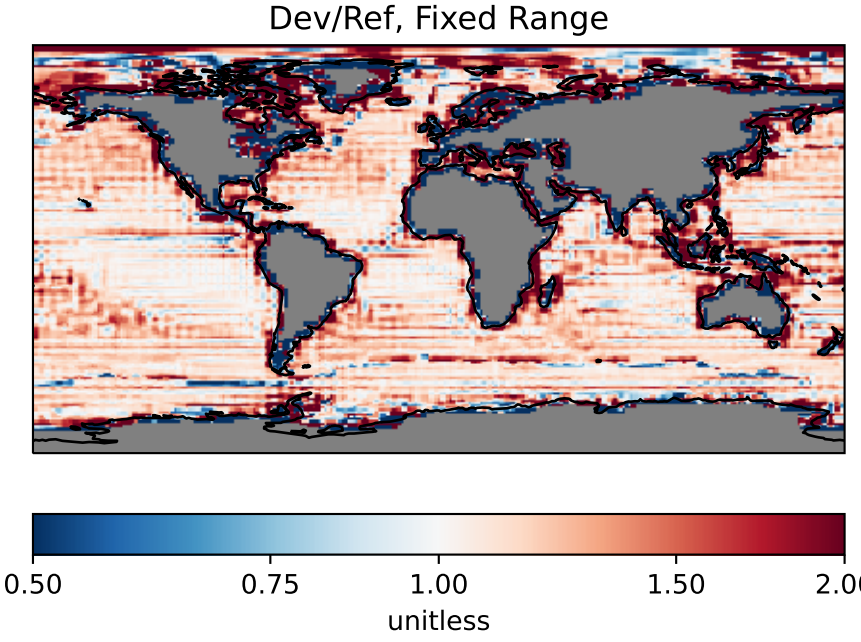
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

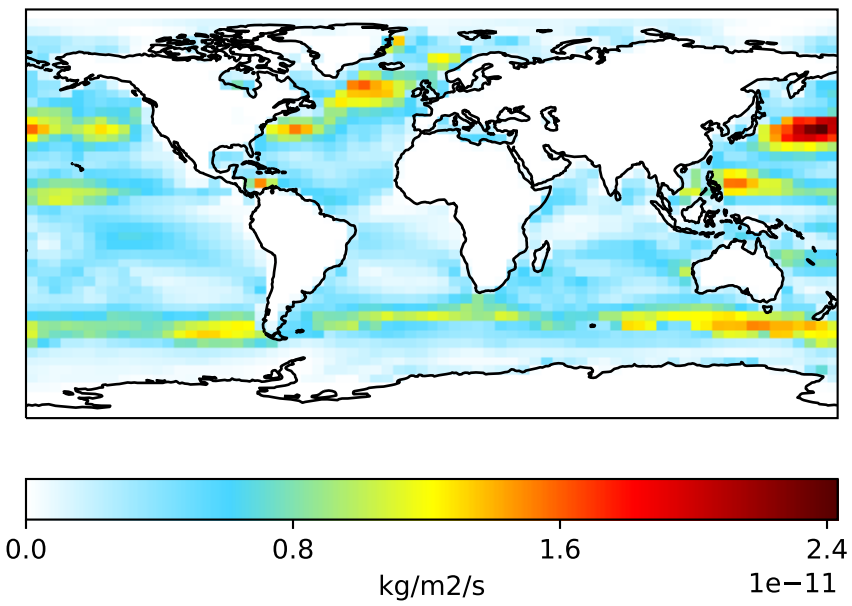


Ratio (1x1.25)
Dev/Ref, Fixed Range

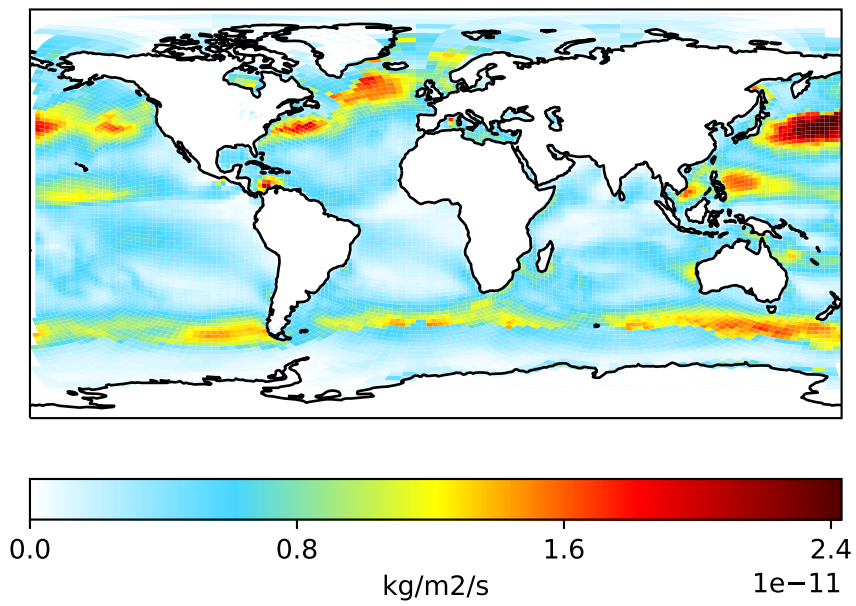


EmisSALAAL_Natural (Jan2019)

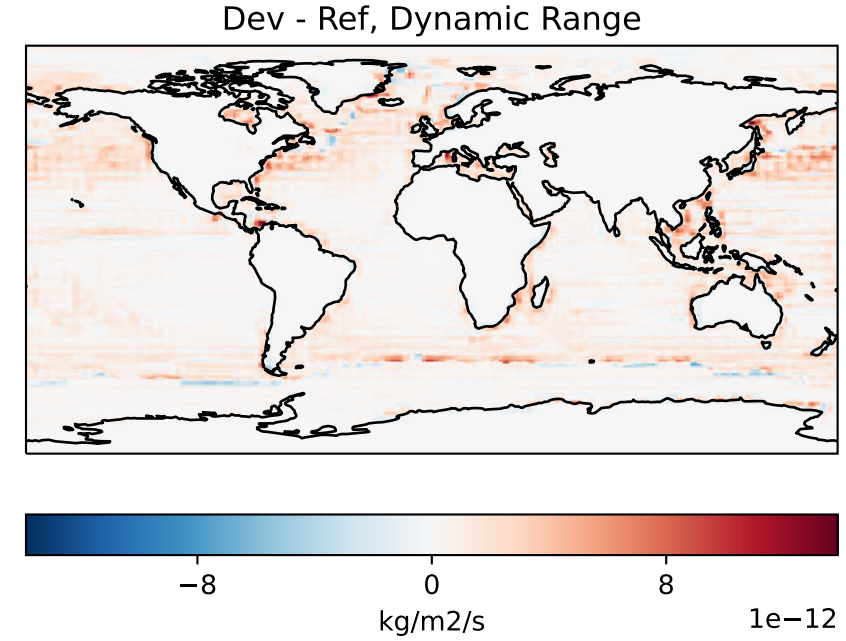
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



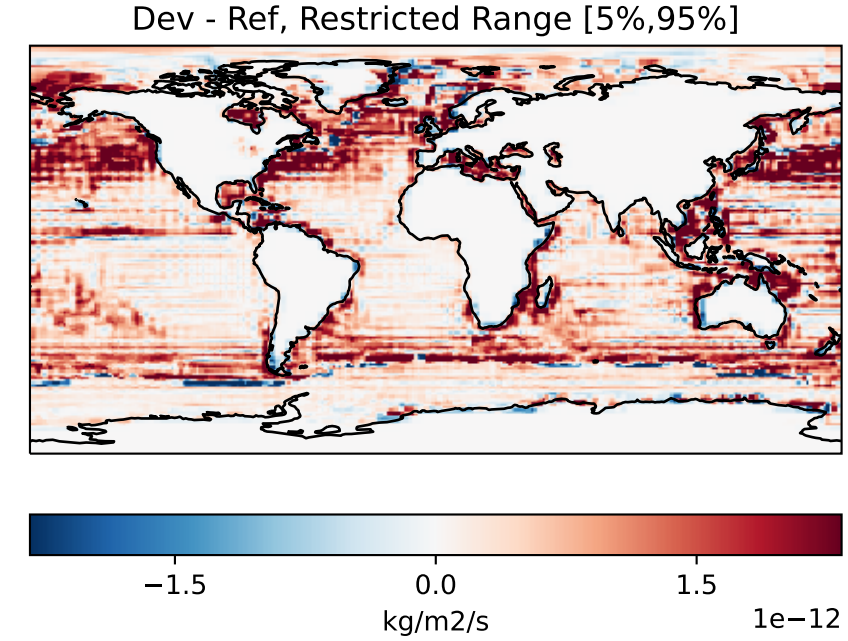
GCHP_13.2.0-LuoWetdep (Dev)
c48



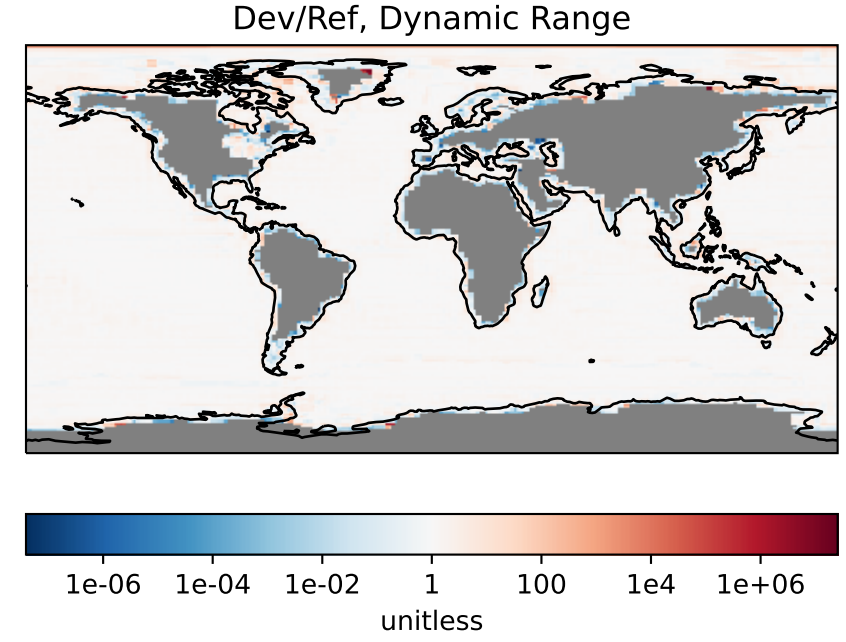
Difference (1x1.25)
Dev - Ref, Dynamic Range



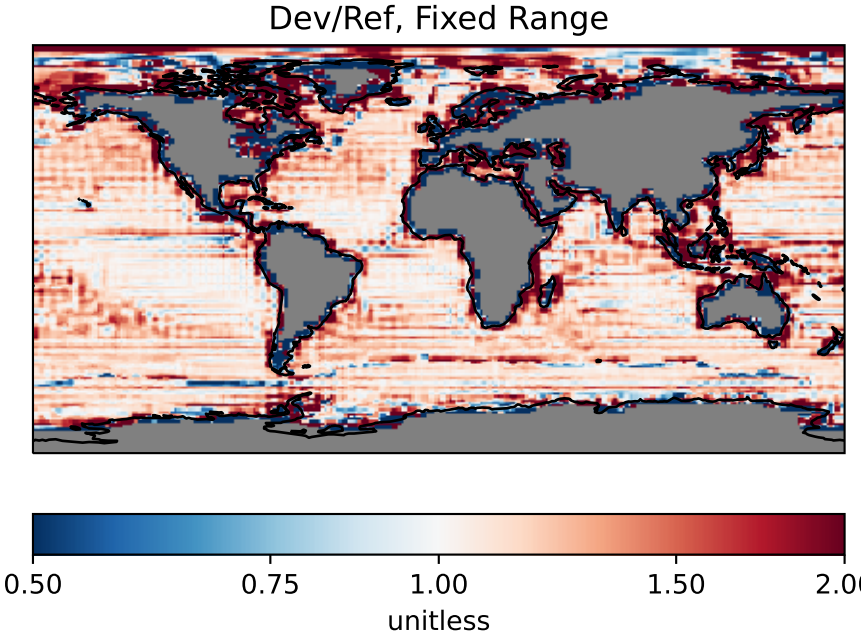
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

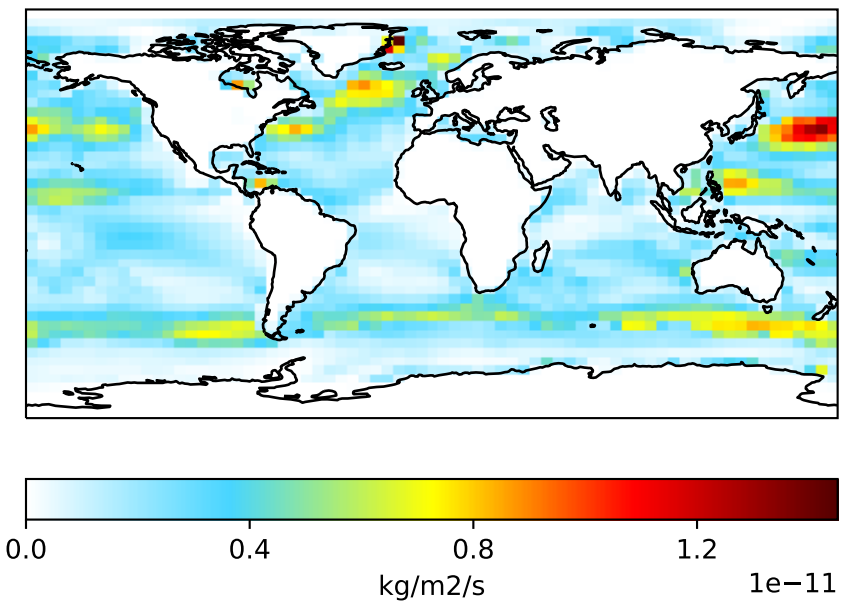


Ratio (1x1.25)
Dev/Ref, Fixed Range

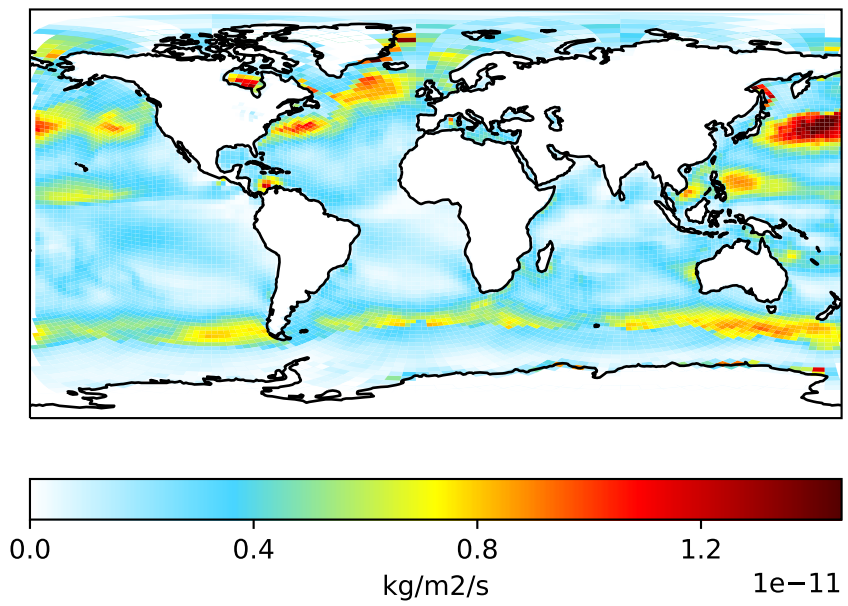


EmisSALACL_Natural (Jan2019)

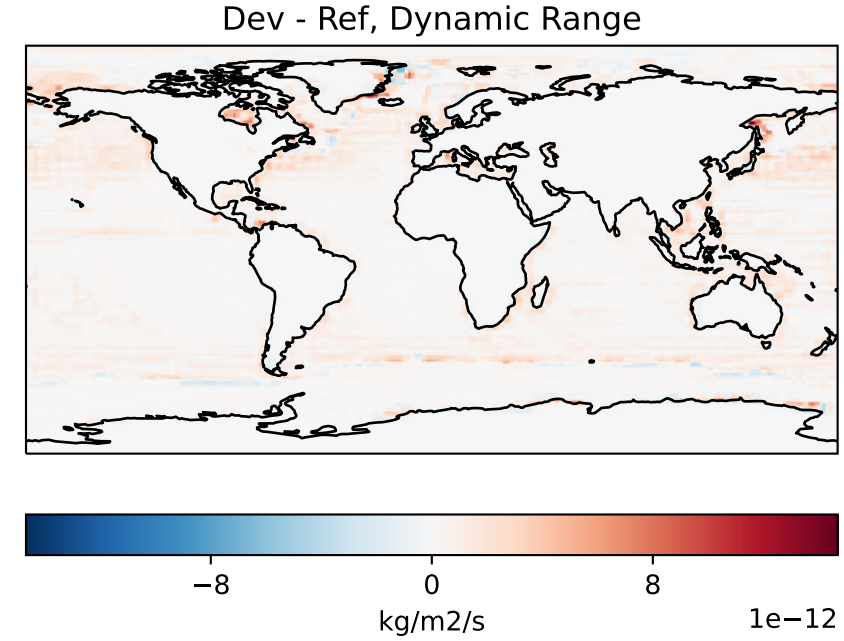
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



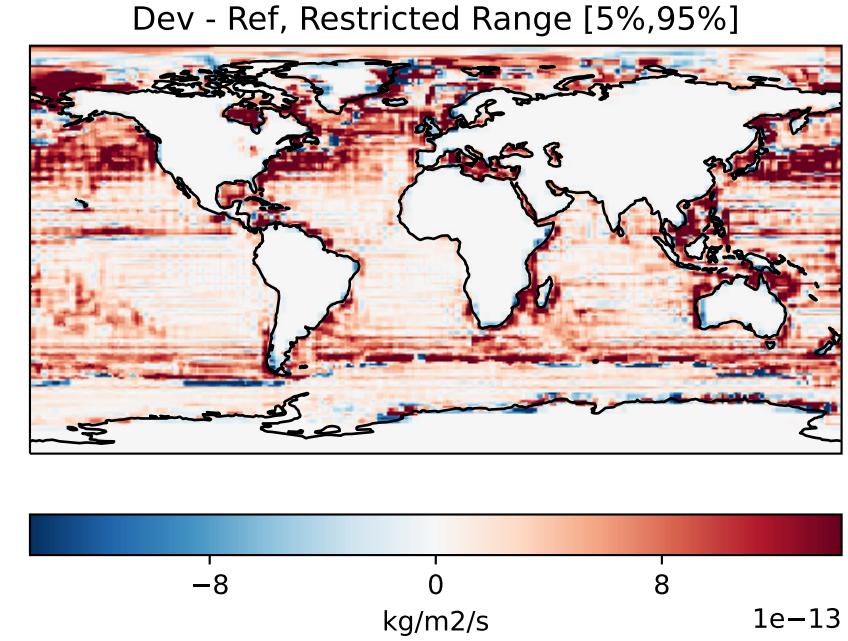
GCHP_13.2.0-LuoWetdep (Dev)
c48



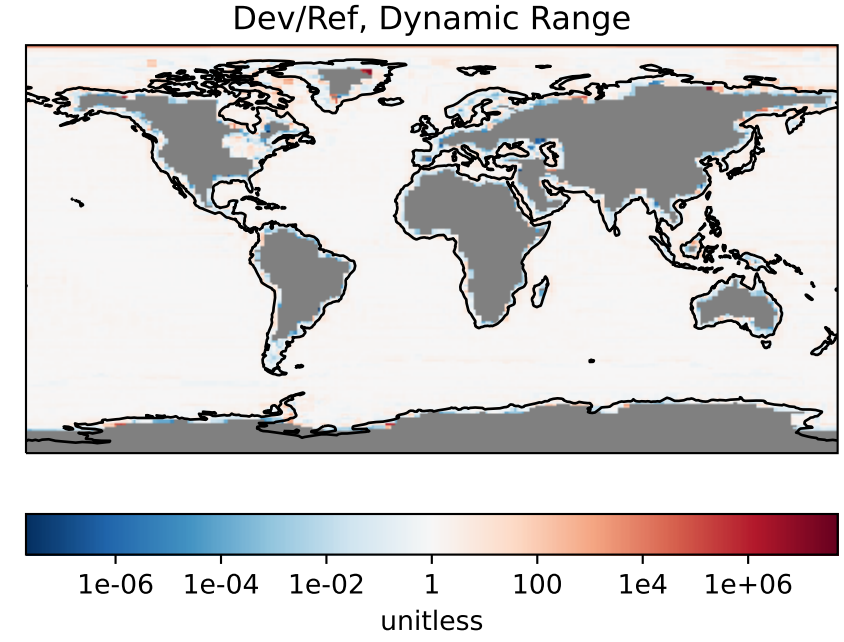
Difference (1x1.25)
Dev - Ref, Dynamic Range



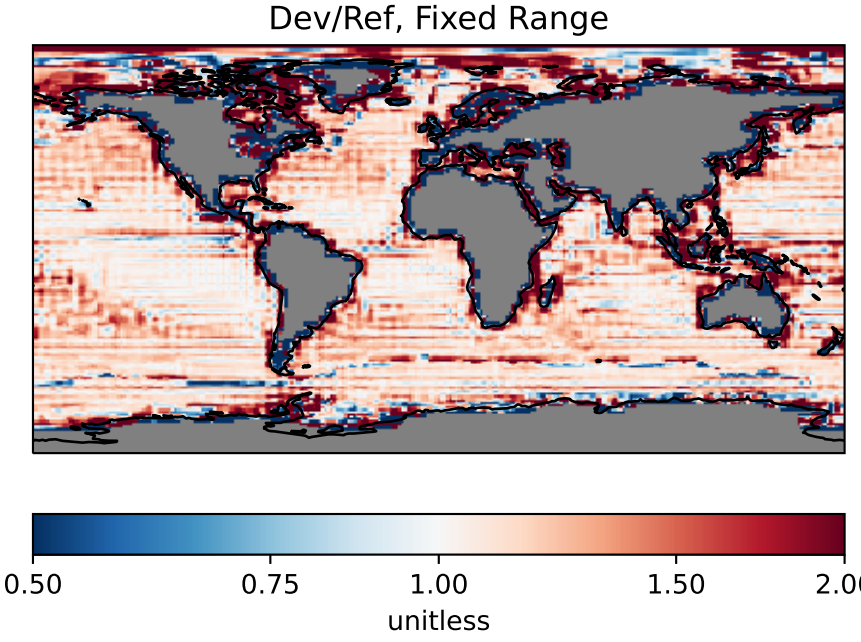
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

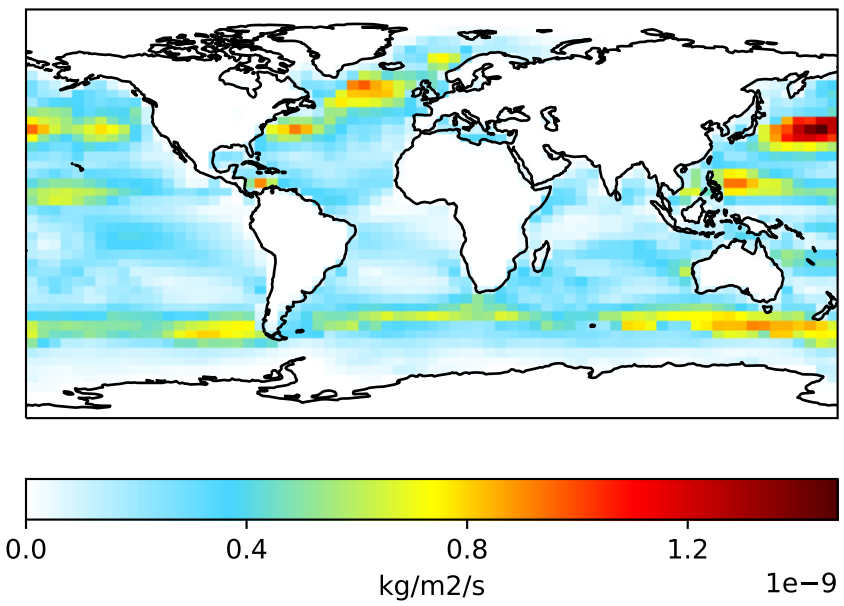


Ratio (1x1.25)
Dev/Ref, Fixed Range

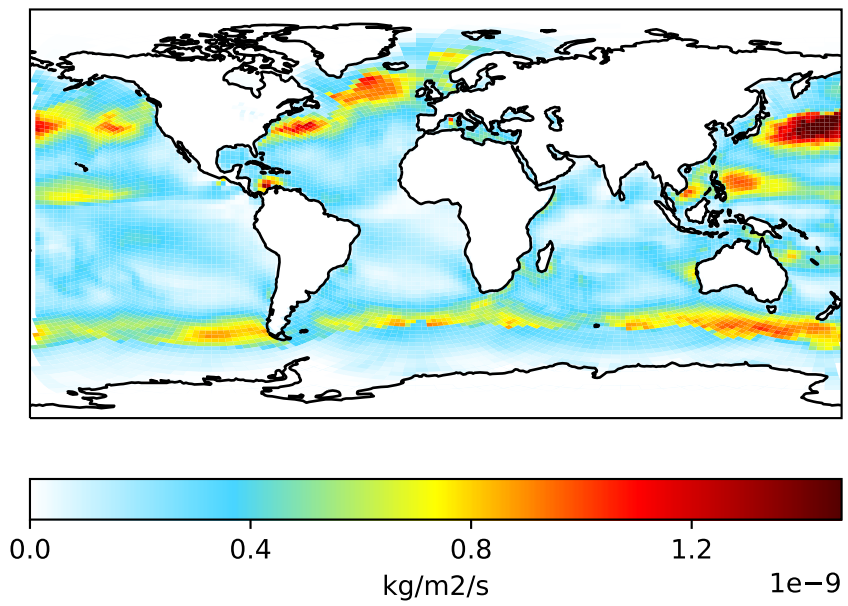


EmisSALC_Natural (Jan2019)

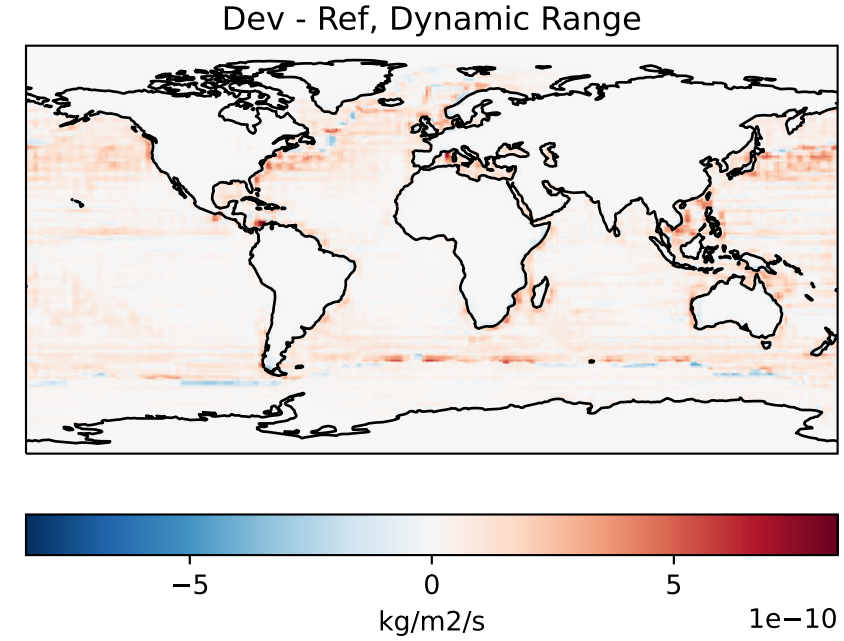
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



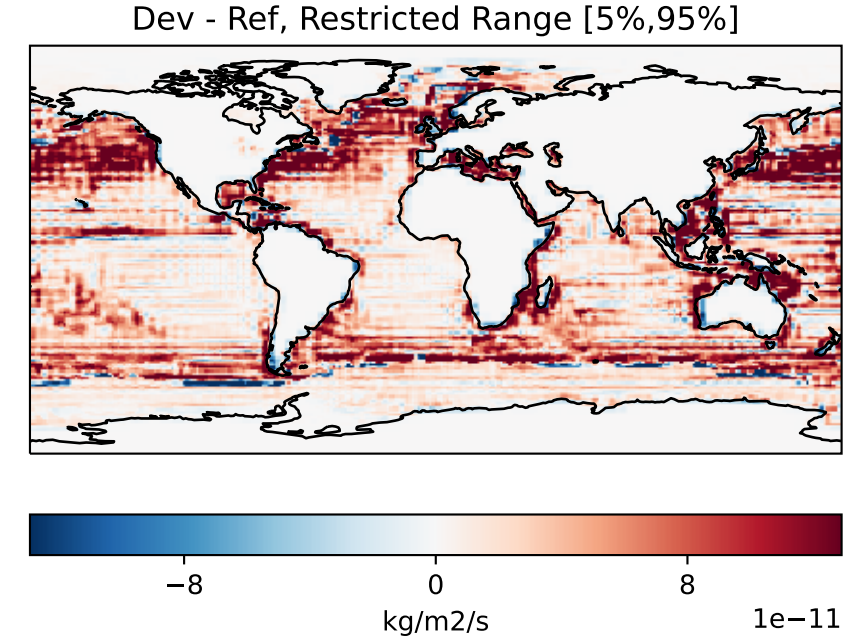
GCHP_13.2.0-LuoWetdep (Dev)
c48



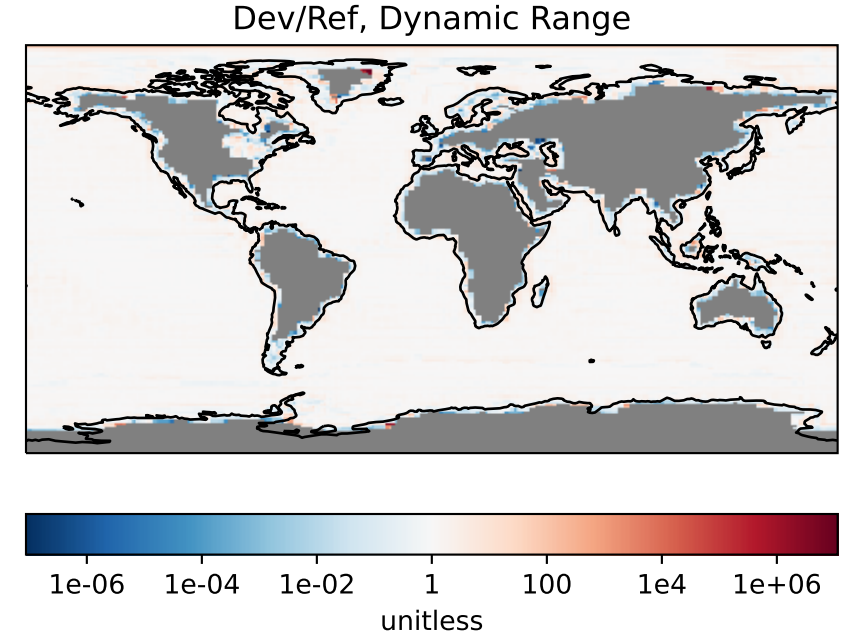
Difference (1x1.25)
Dev - Ref, Dynamic Range



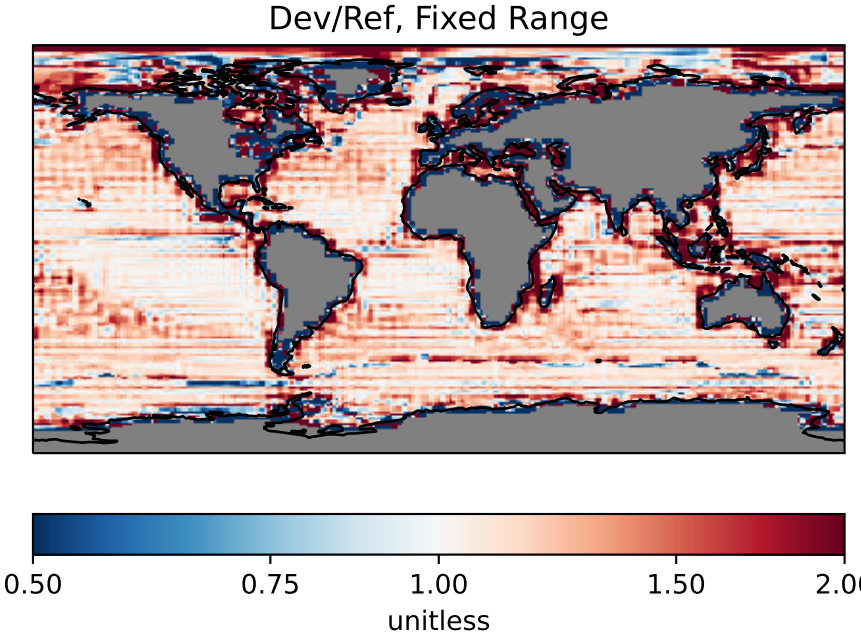
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

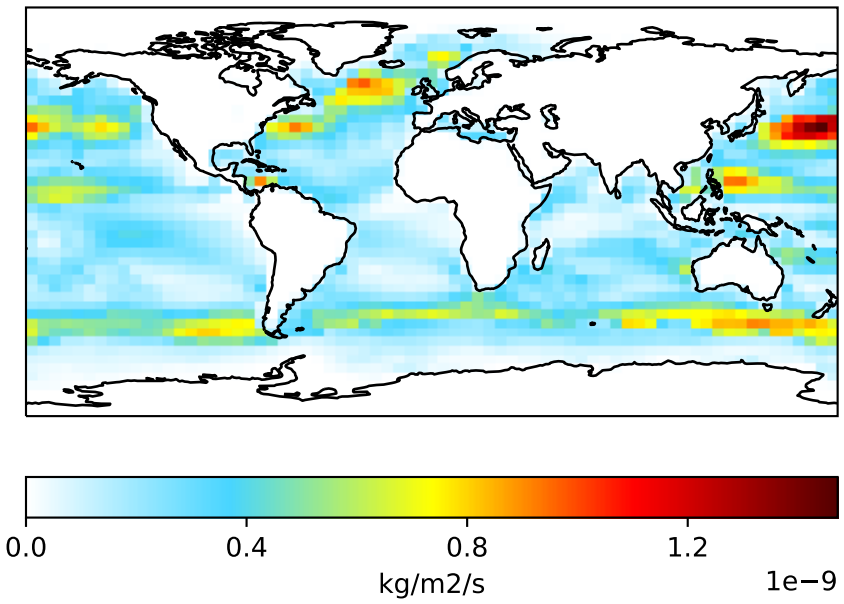


Ratio (1x1.25)
Dev/Ref, Fixed Range

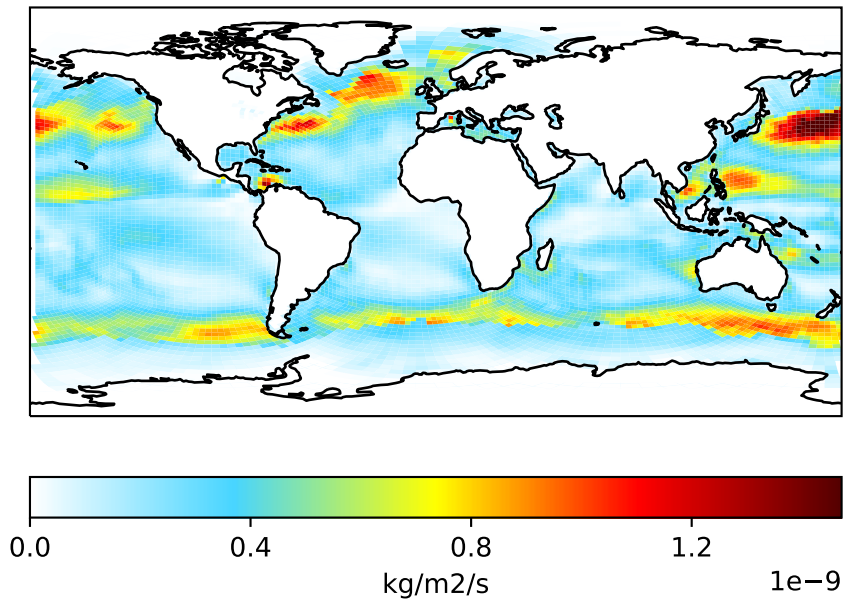


EmisSALCAL_Natural (Jan2019)

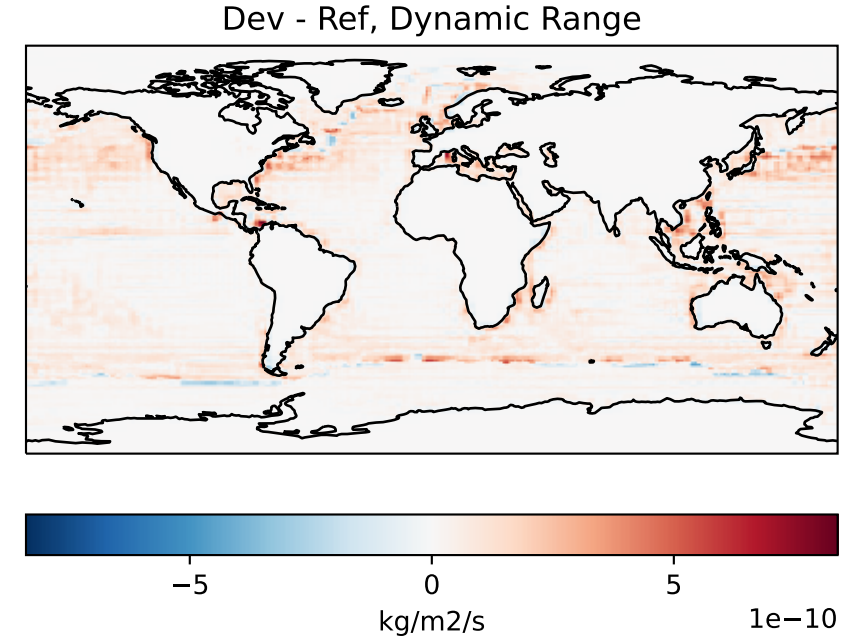
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



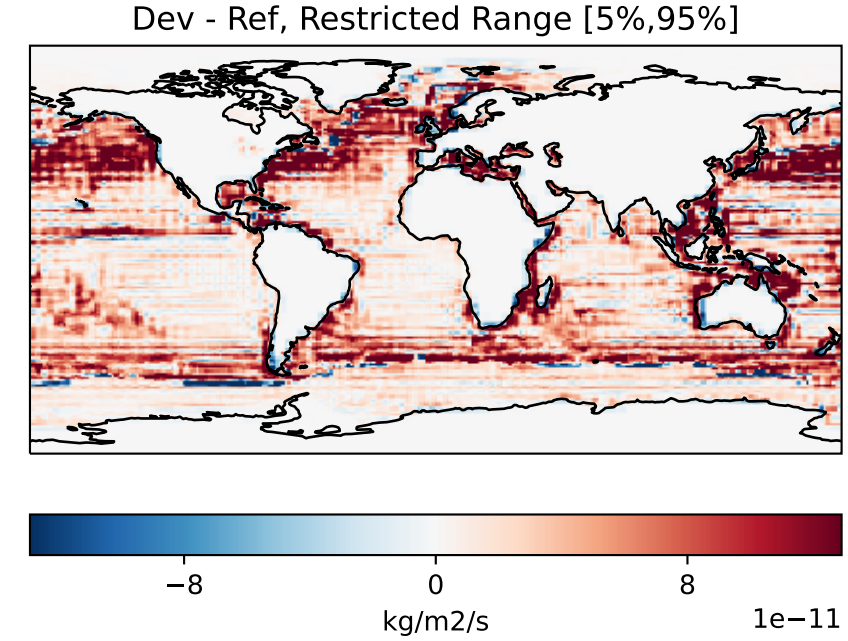
GCHP_13.2.0-LuoWetdep (Dev)
c48



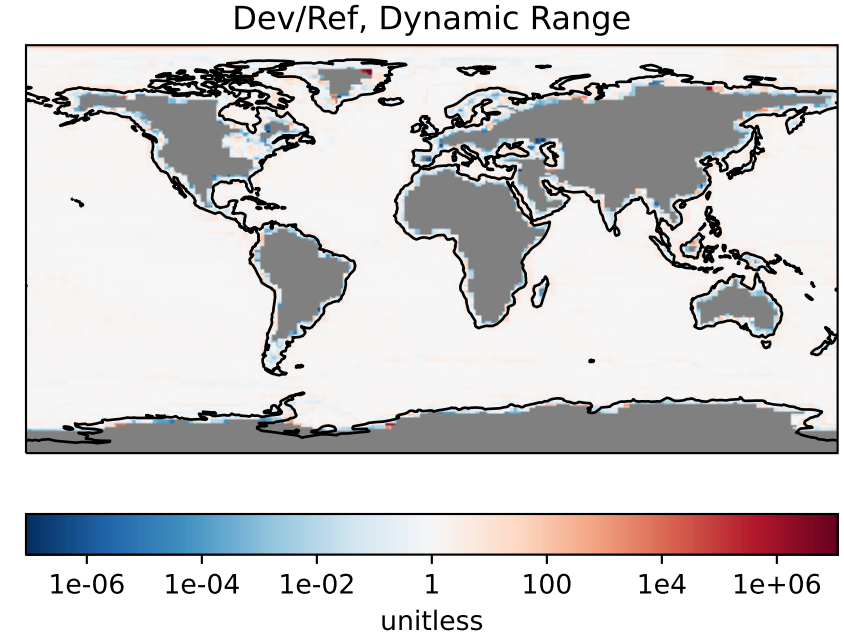
Difference (1x1.25)
Dev - Ref, Dynamic Range



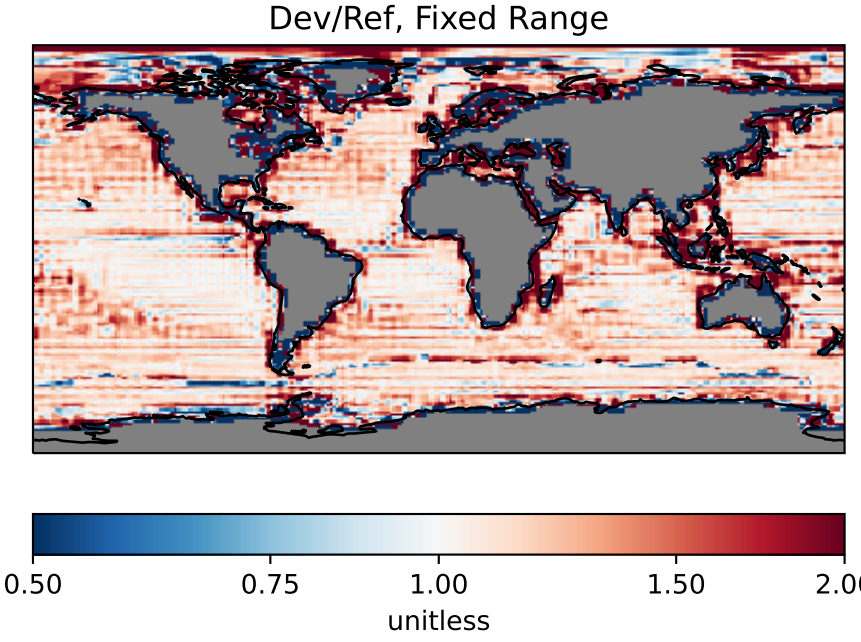
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

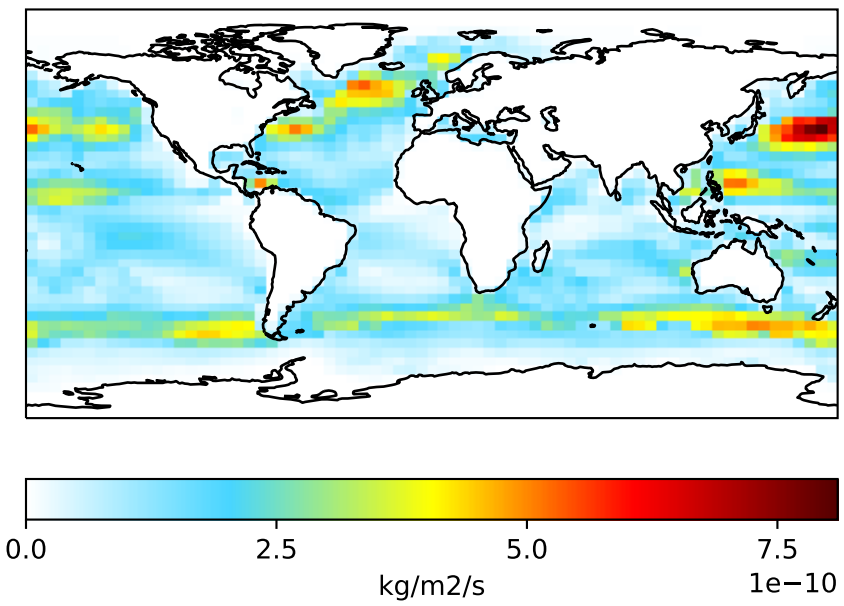


Ratio (1x1.25)
Dev/Ref, Fixed Range

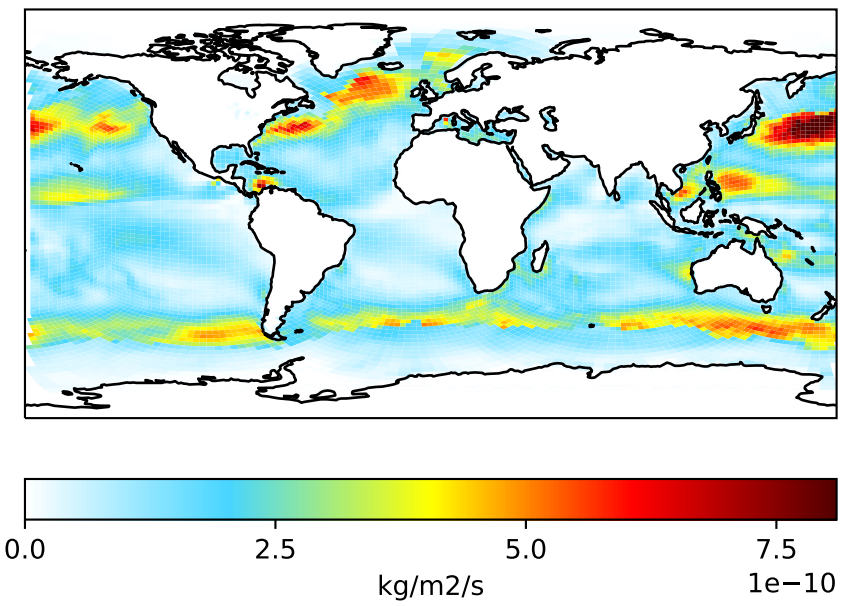


EmisSALCCL_Natural (Jan2019)

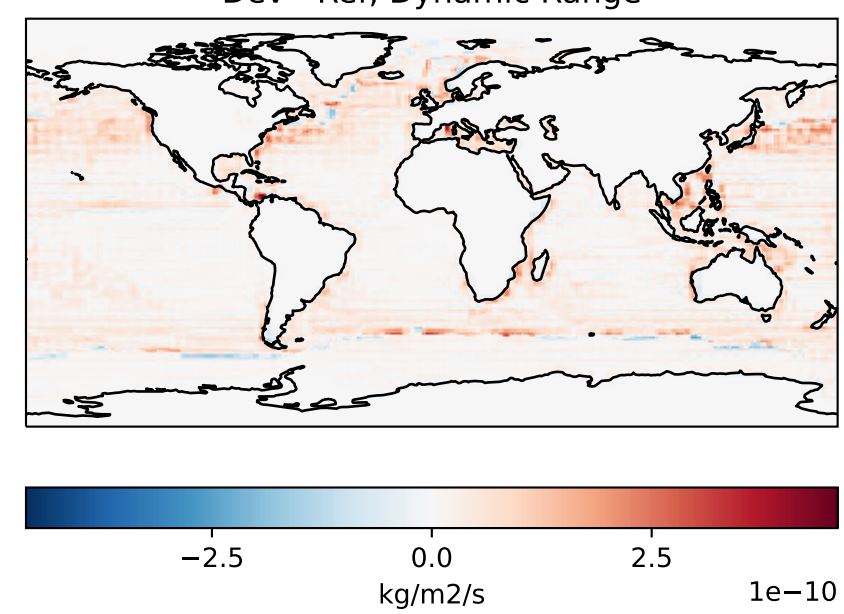
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



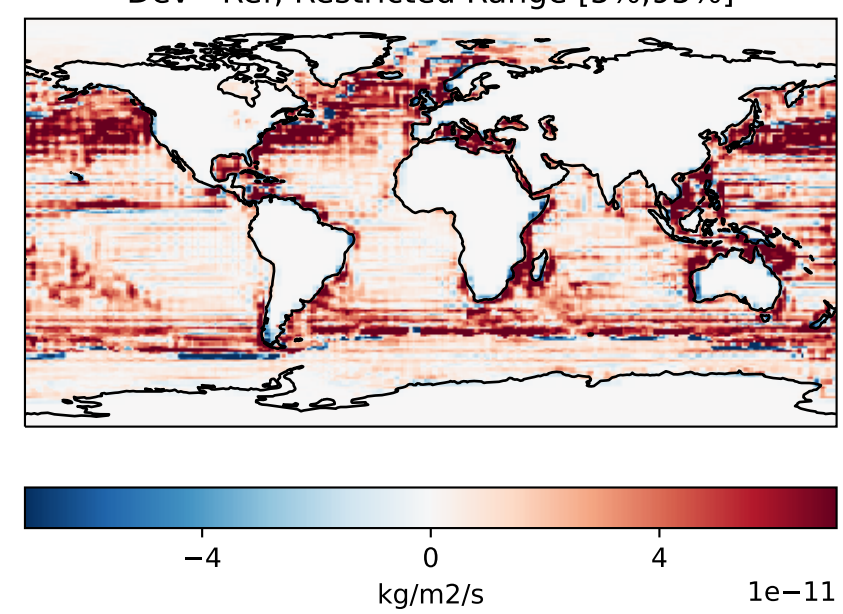
GCHP_13.2.0-LuoWetdep (Dev)
c48



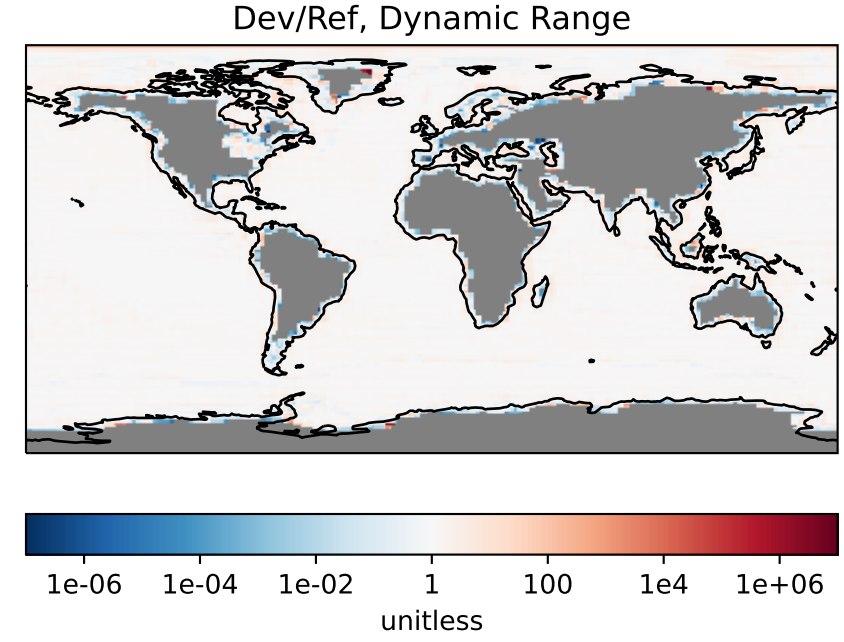
Difference (1x1.25)
Dev - Ref, Dynamic Range



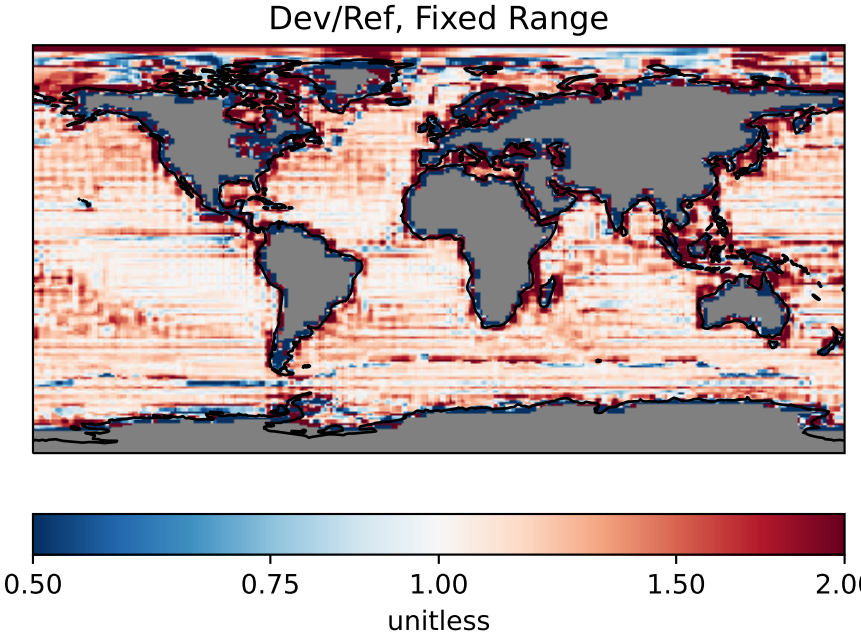
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

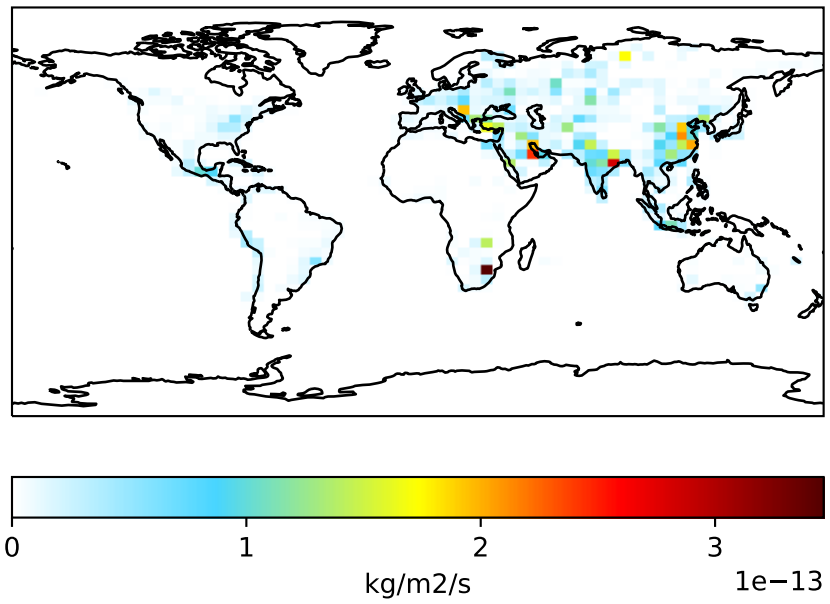


Ratio (1x1.25)
Dev/Ref, Fixed Range

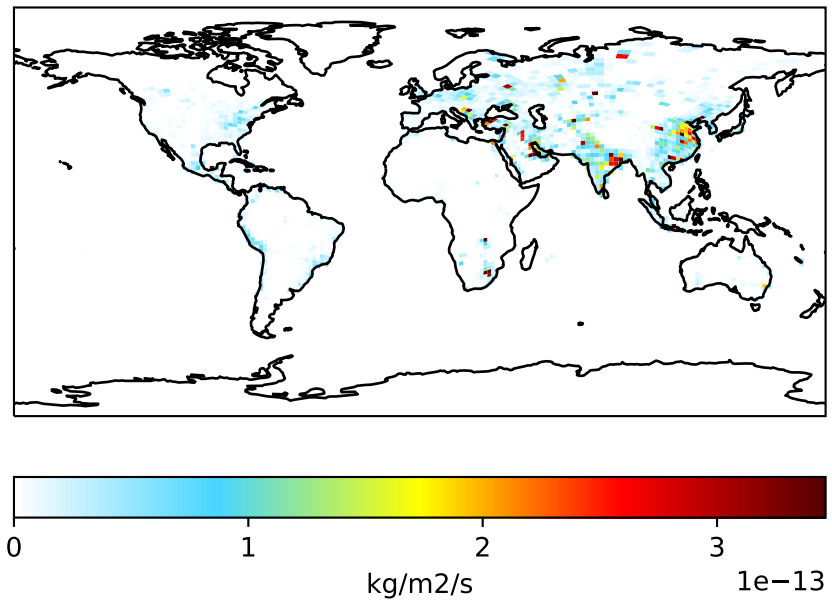


EmispFe_Anthro (Jan2019)

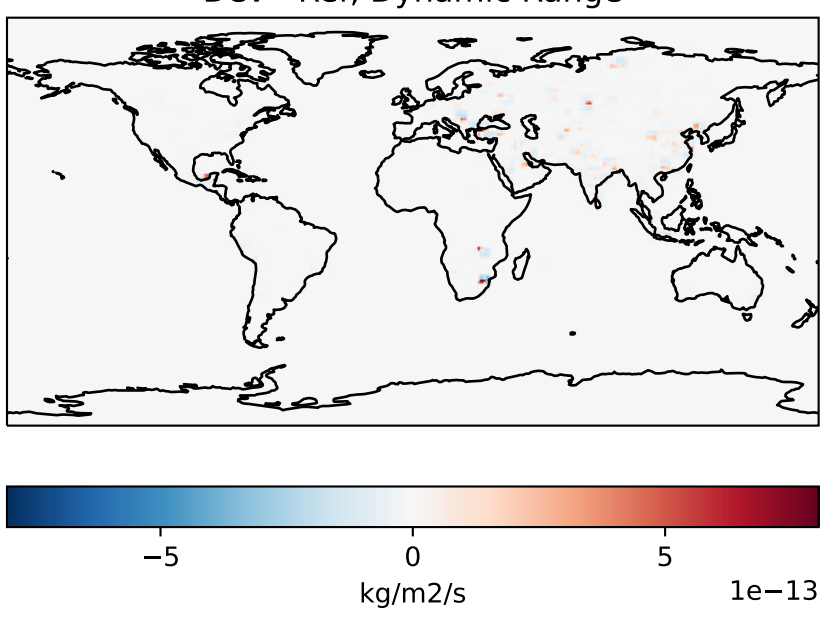
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



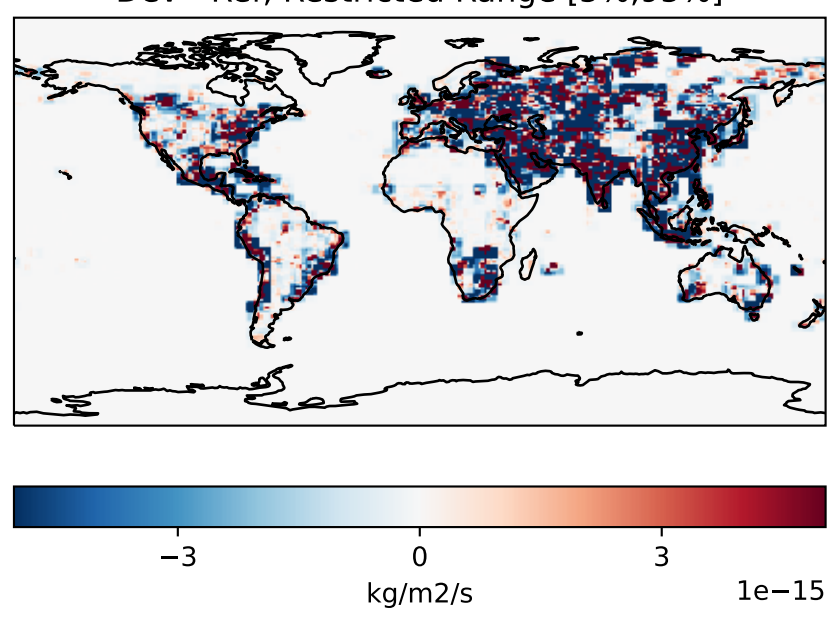
GCHP_13.2.0-LuoWetdep (Dev)
c48



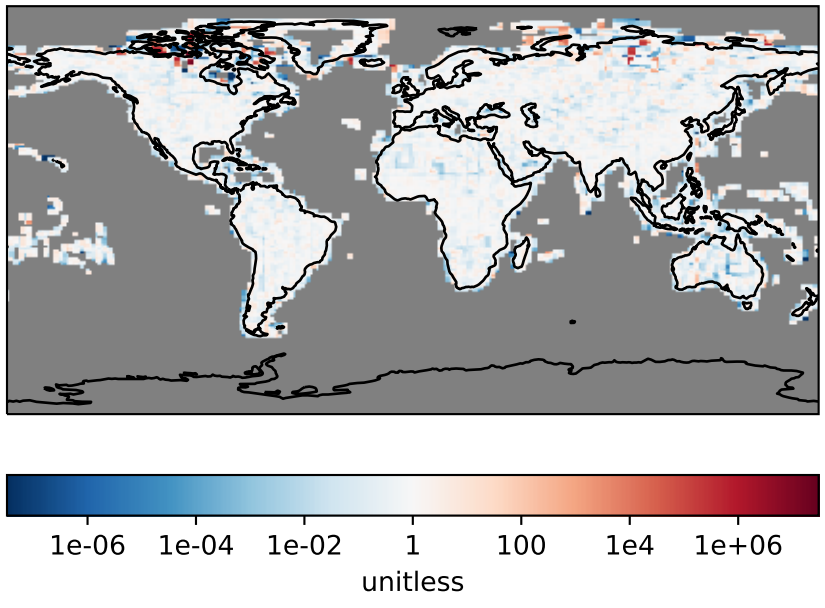
Difference (1x1.25)
Dev - Ref, Dynamic Range



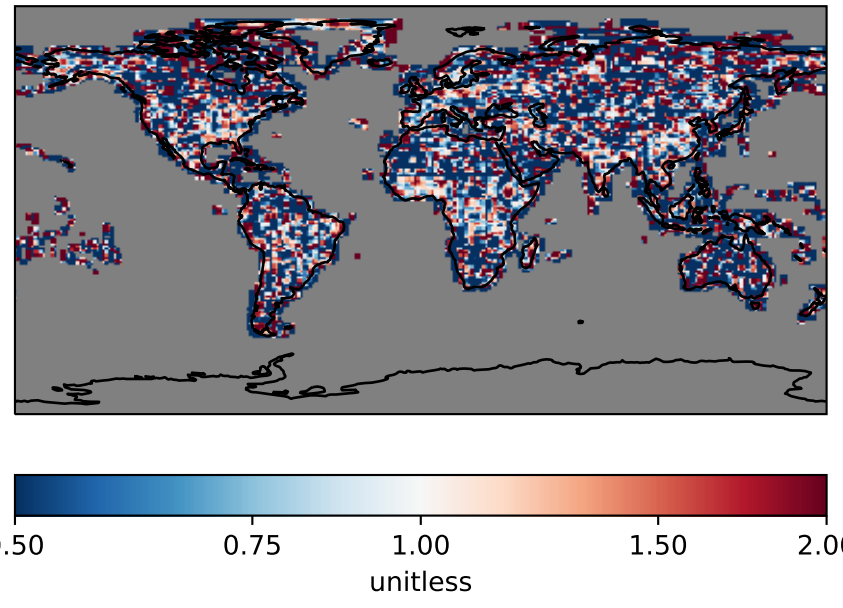
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

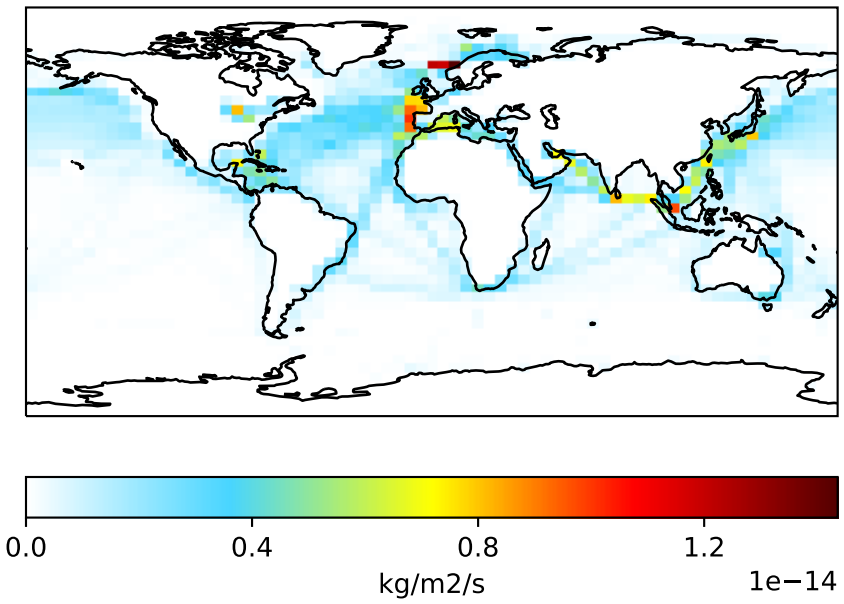


Ratio (1x1.25)
Dev/Ref, Fixed Range

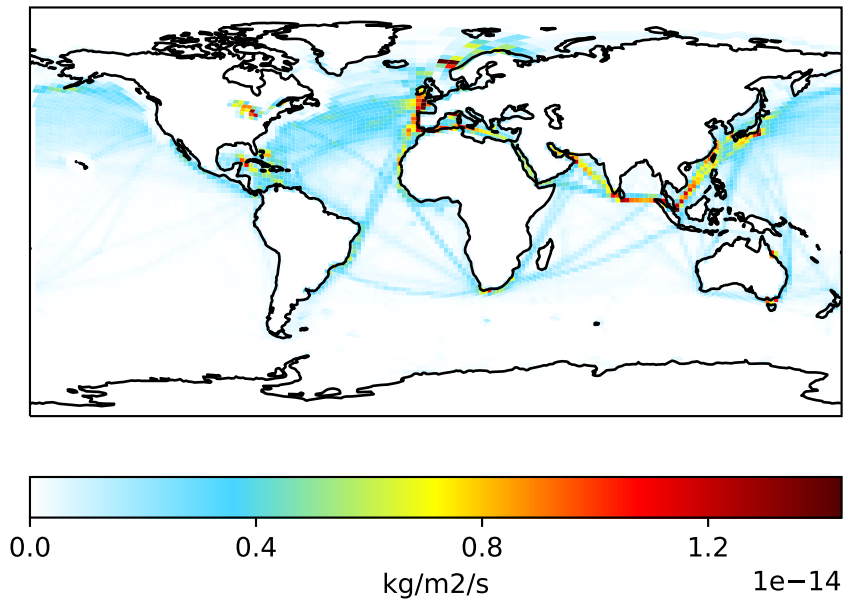


EmispFe_Ship (Jan2019)

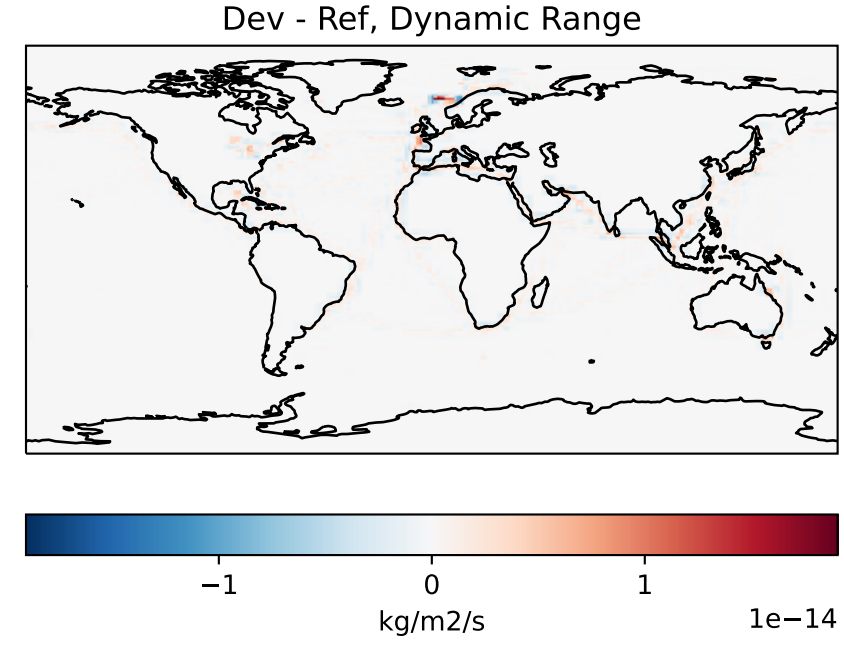
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



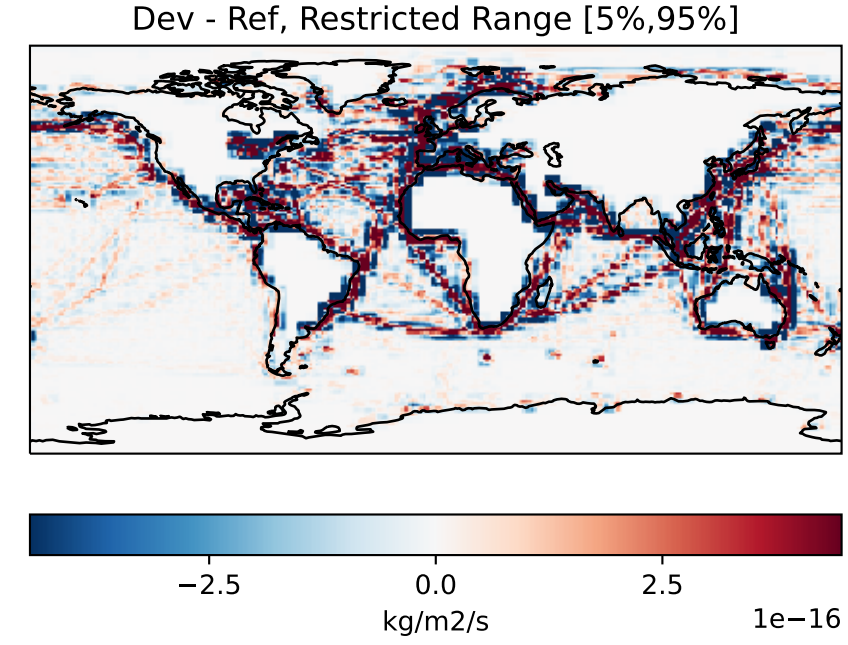
GCHP_13.2.0-LuoWetdep (Dev)
c48



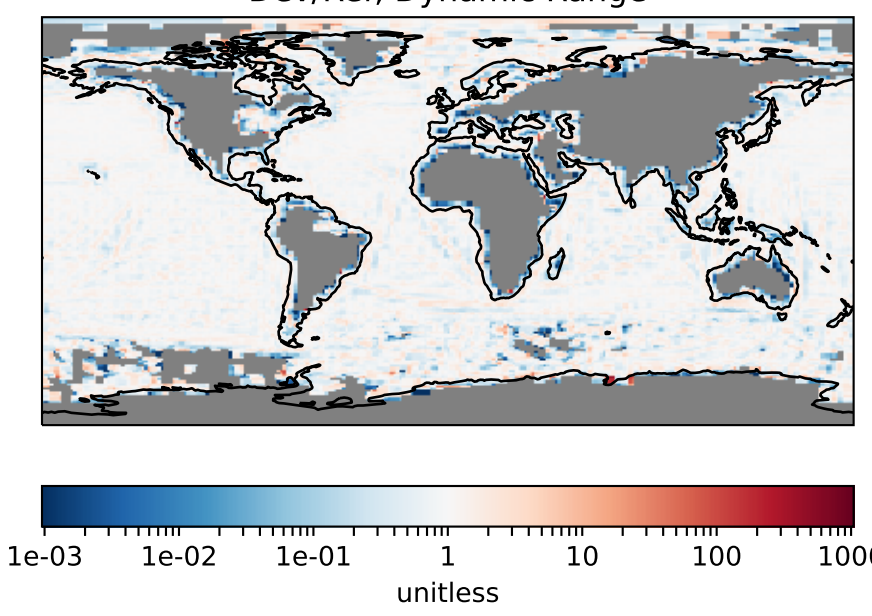
Difference (1x1.25)
Dev - Ref, Dynamic Range



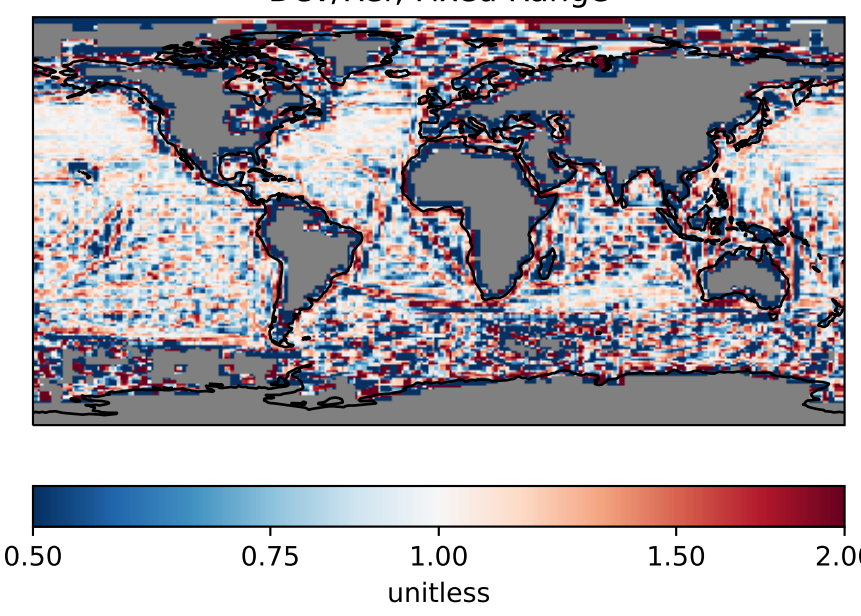
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

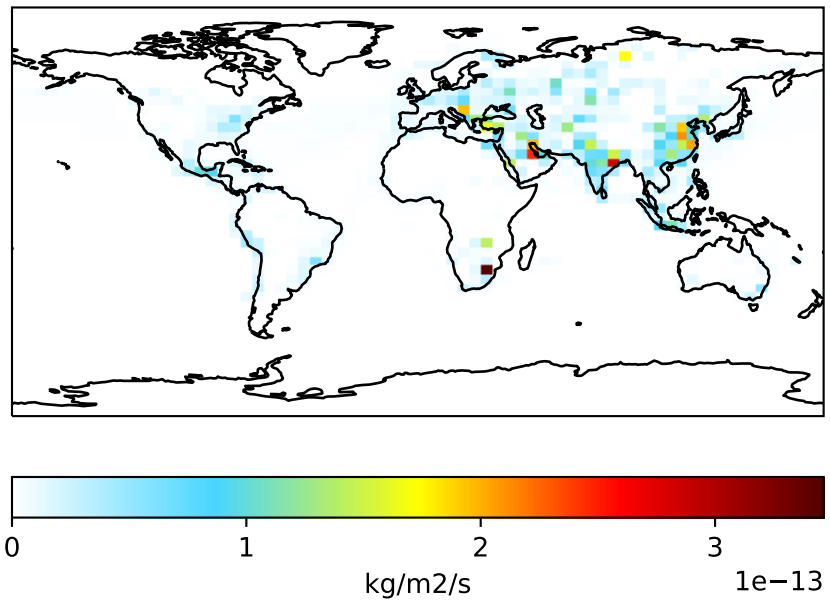


Ratio (1x1.25)
Dev/Ref, Fixed Range

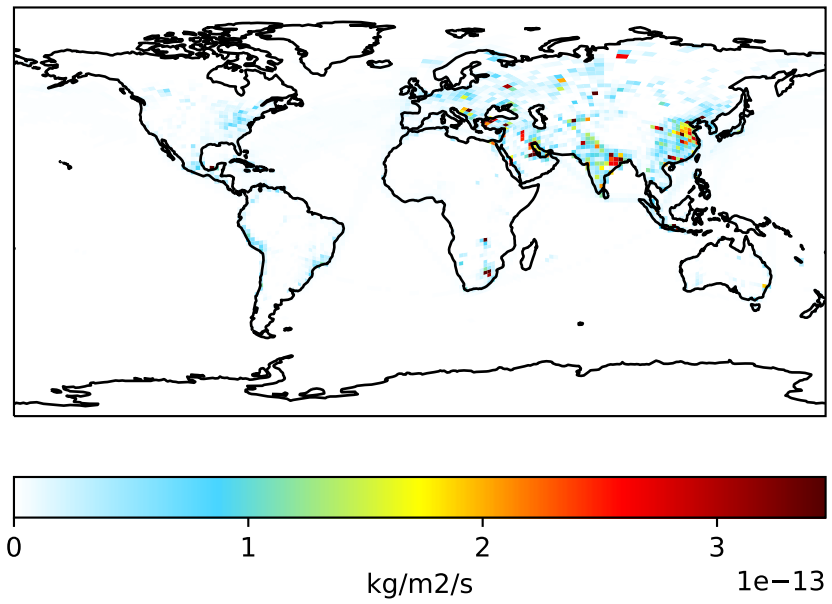


EmispFe_Total (Jan2019)

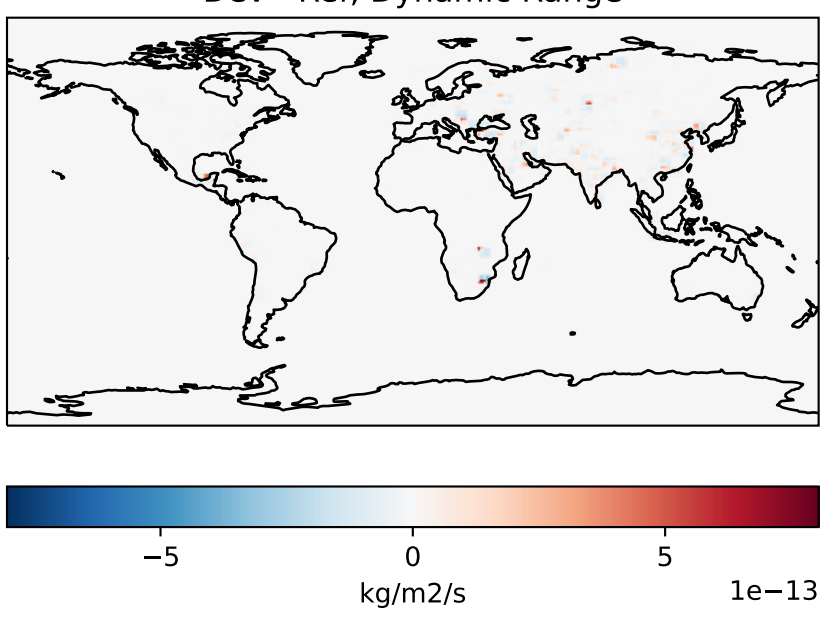
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



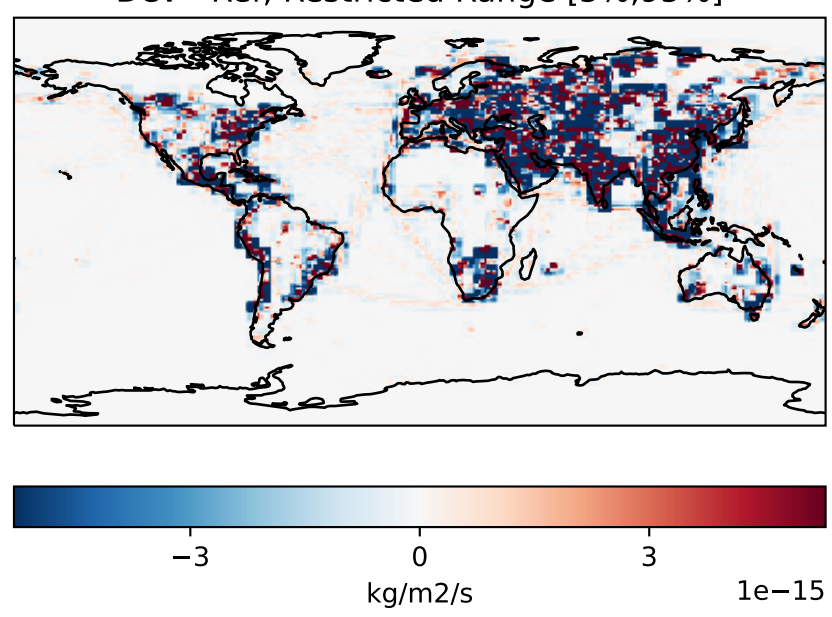
GCHP_13.2.0-LuoWetdep (Dev)
c48



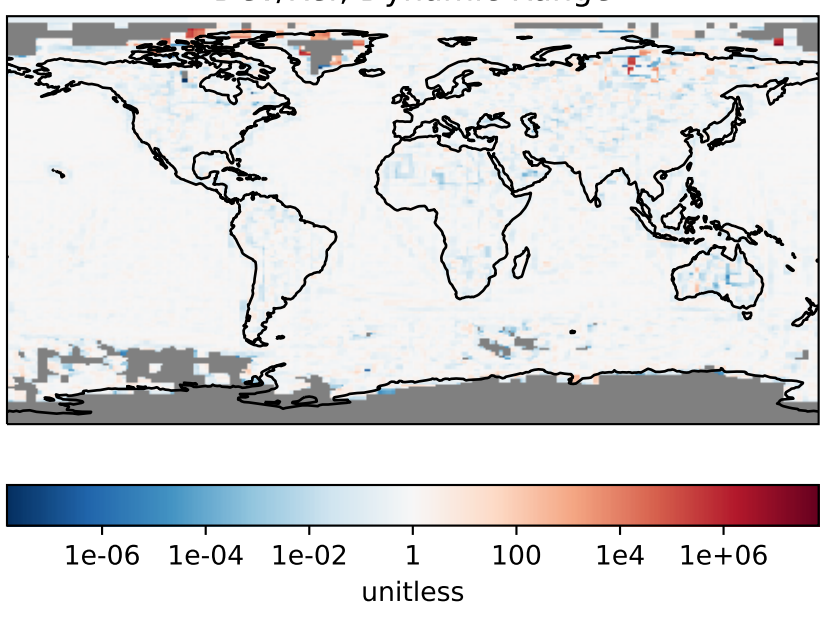
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

