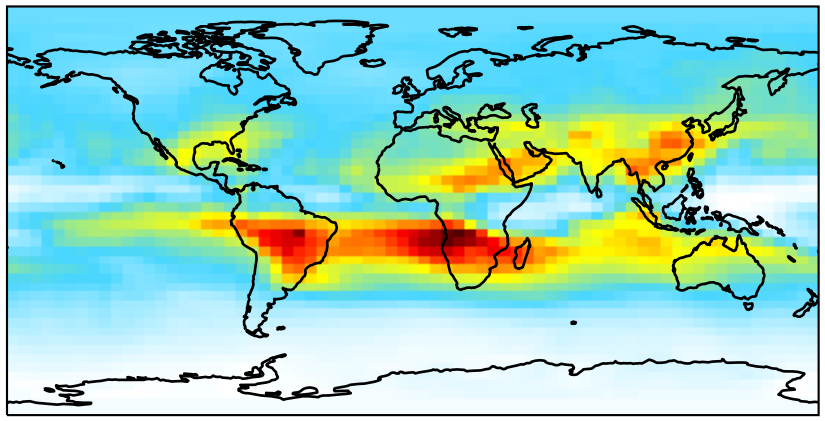
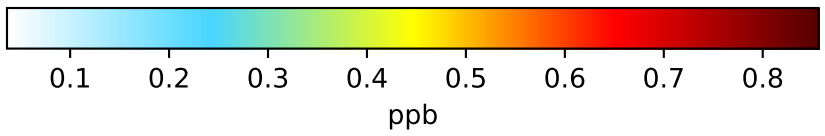
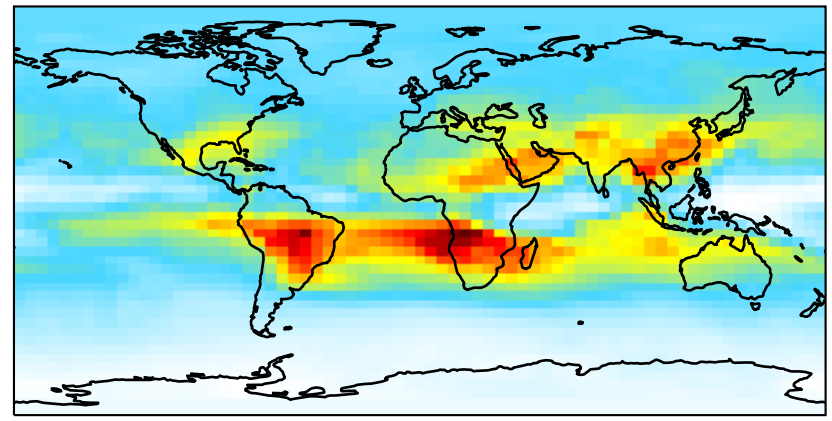
SpeciesConc_NOy (Oct2019)

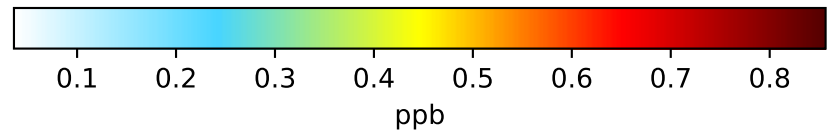
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



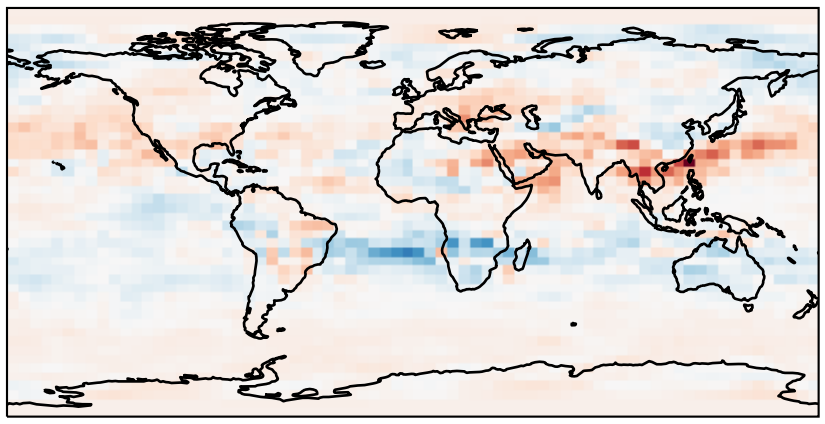


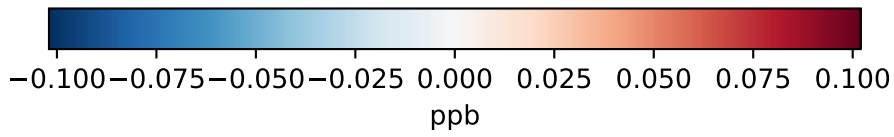
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



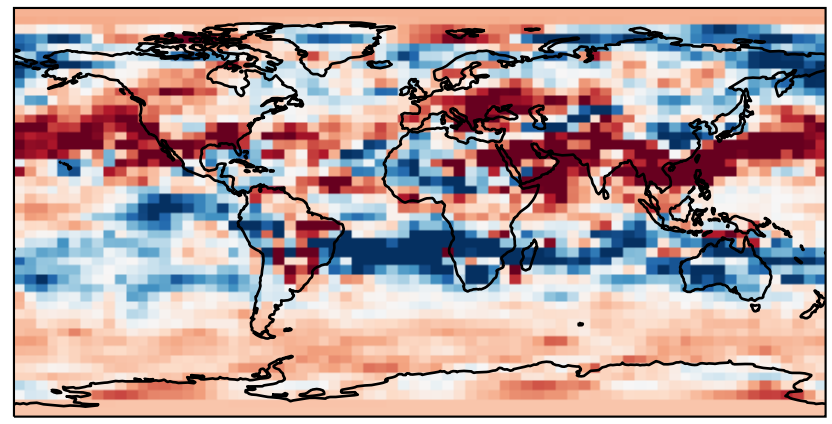


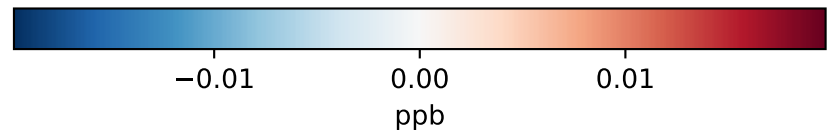
Difference
Dev - Ref, Dynamic Range



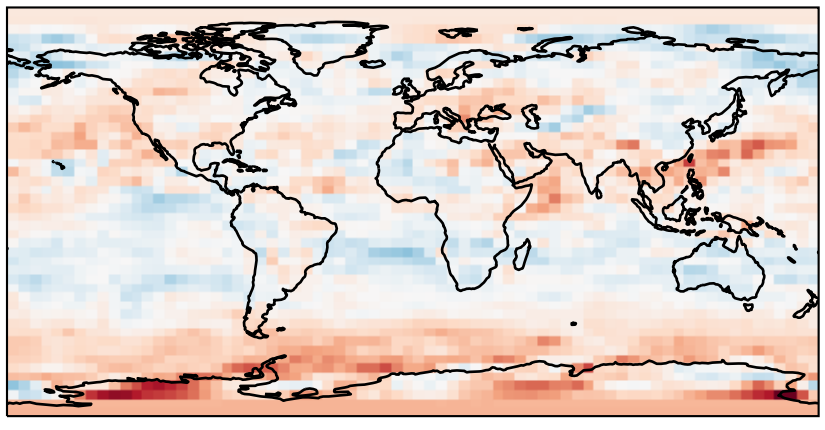


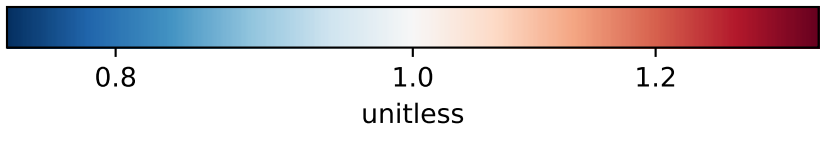
Difference
Dev - Ref, Restricted Range [5%,95%]



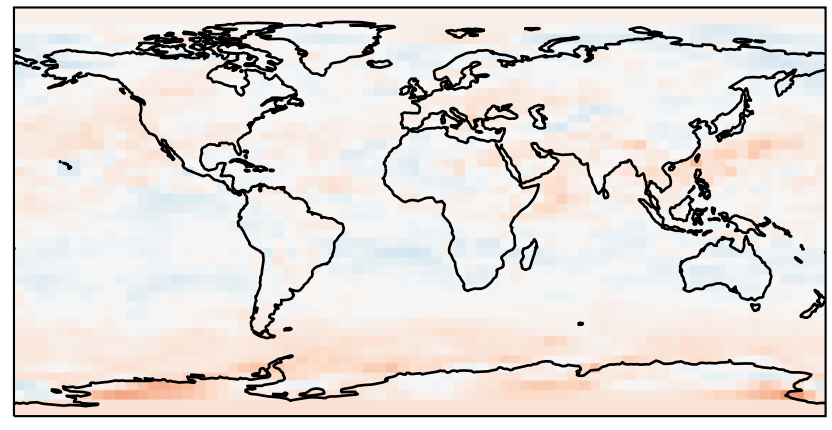


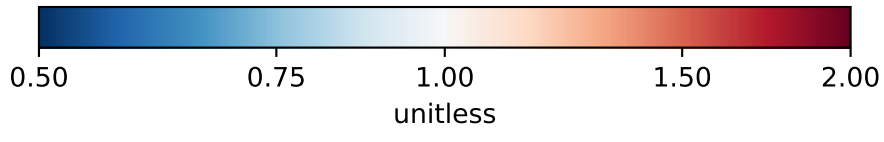
Ratio
Dev/Ref, Dynamic Range





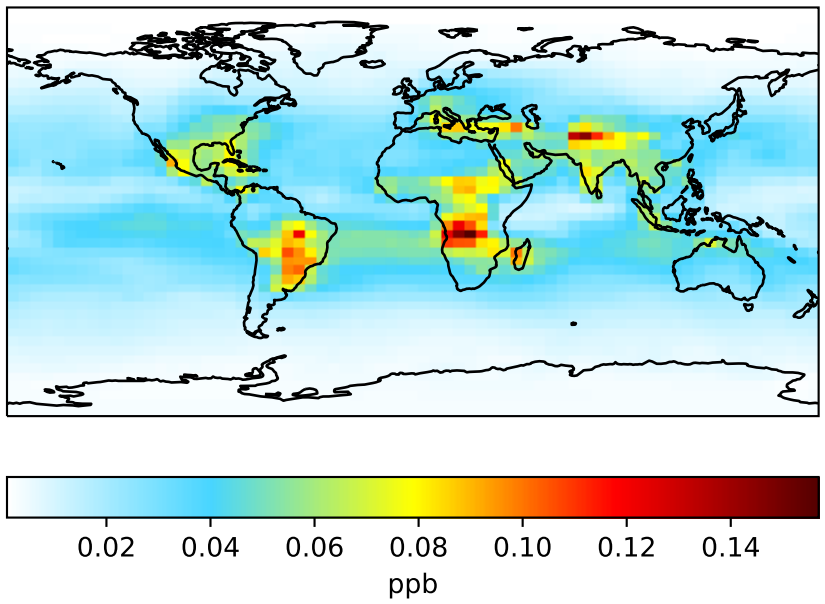
Ratio
Dev/Ref, Fixed Range



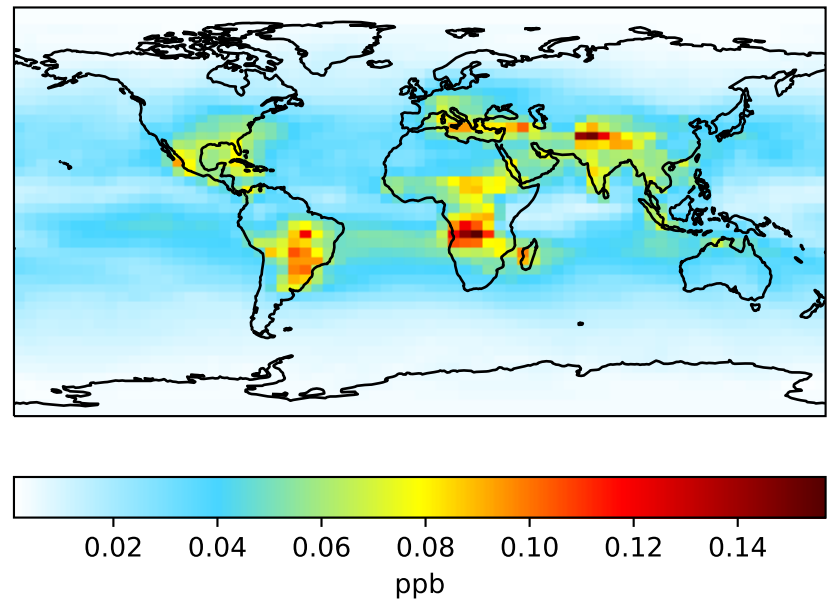


SpeciesConc_NOx (Oct2019)

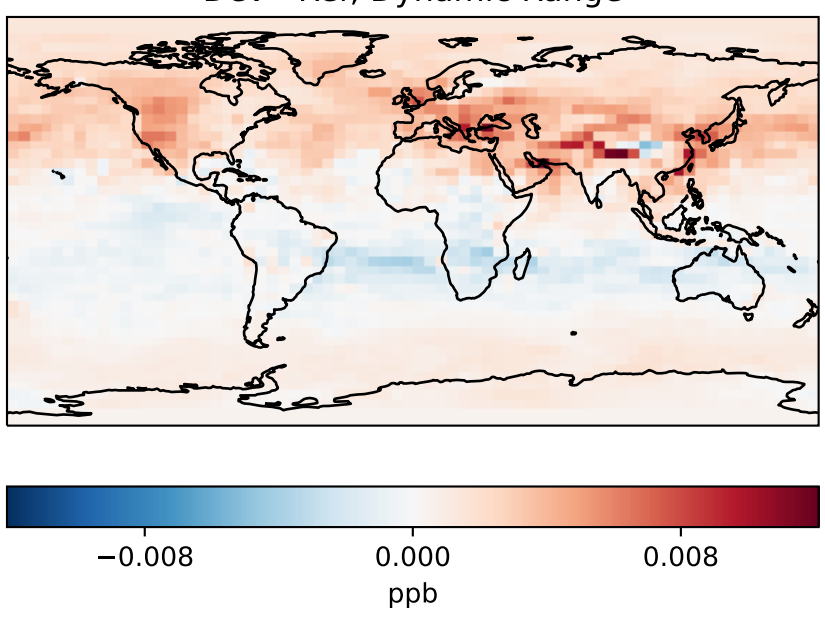
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



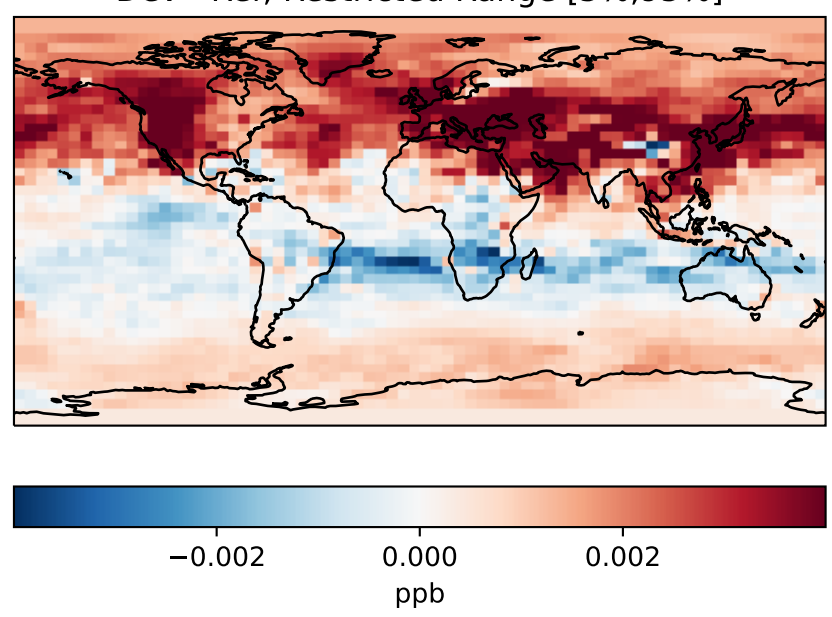
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



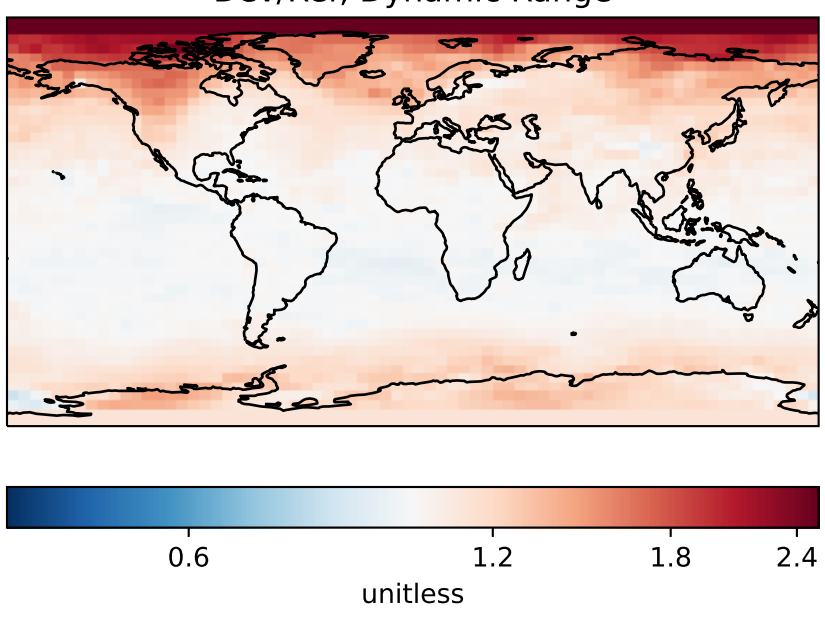
Difference
Dev - Ref, Dynamic Range



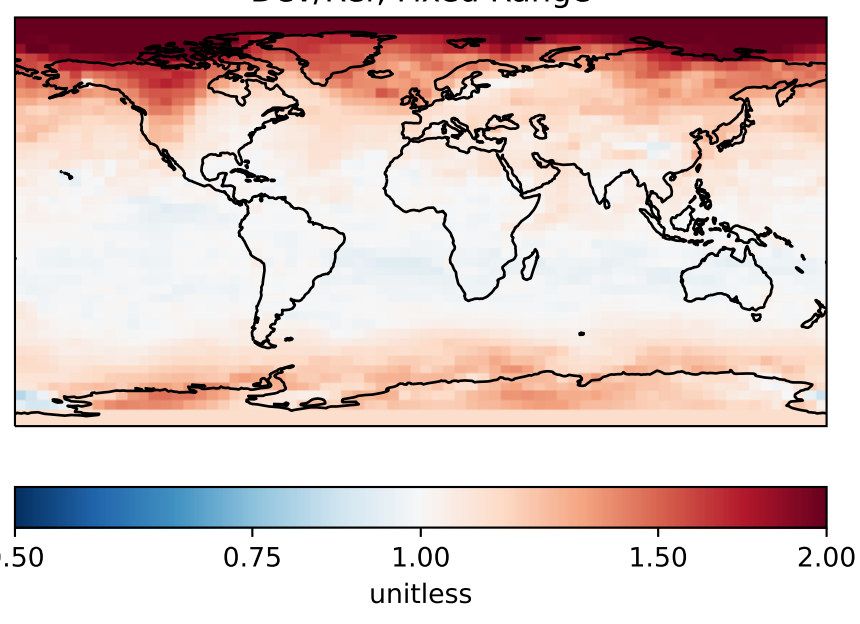
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

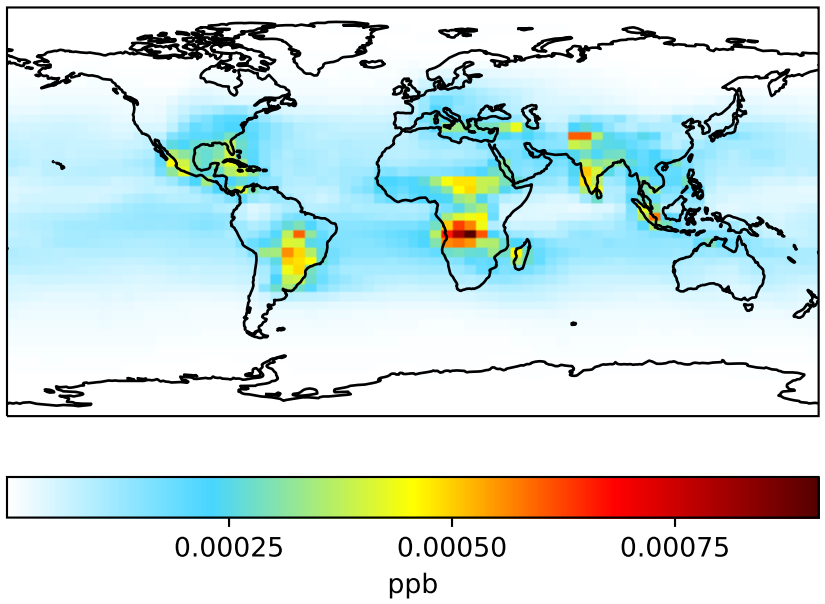


Ratio
Dev/Ref, Fixed Range

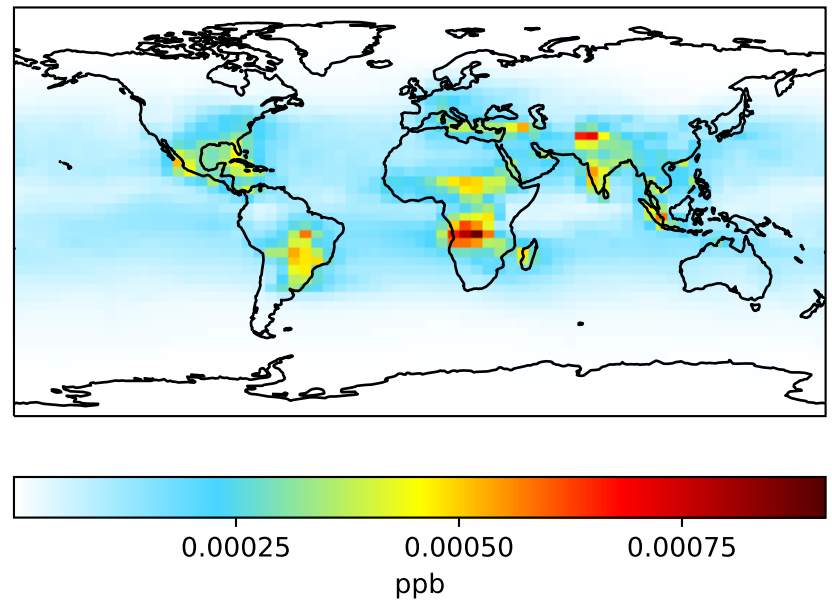


SpeciesConc_HNO2 (Oct2019)

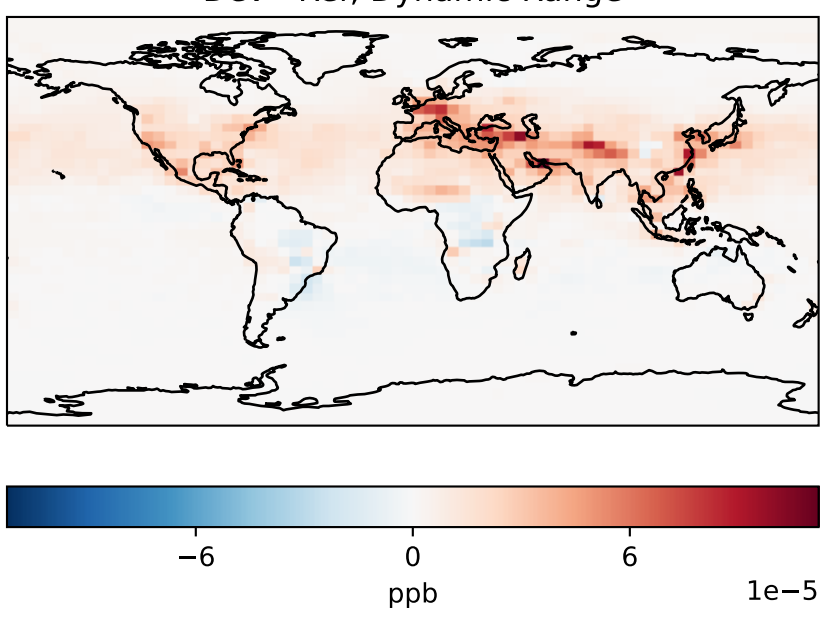
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



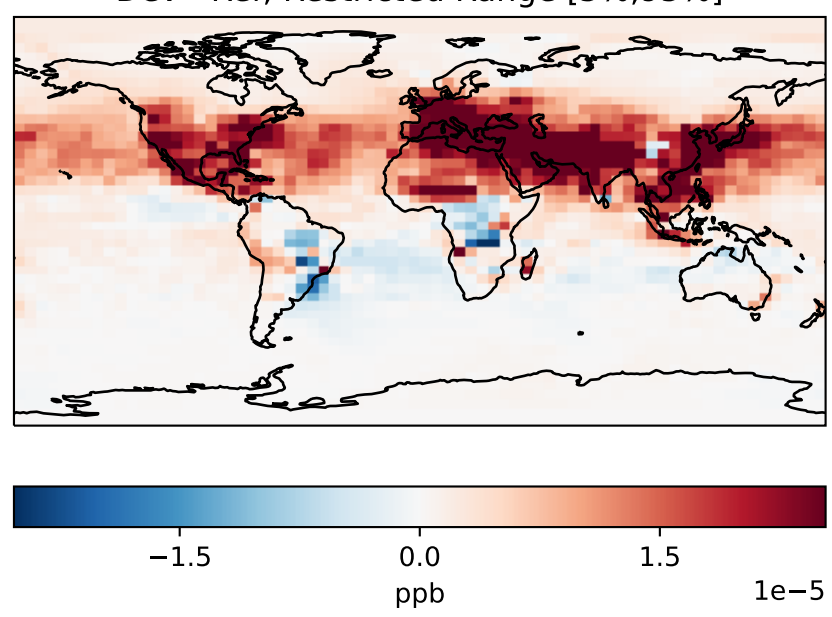
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



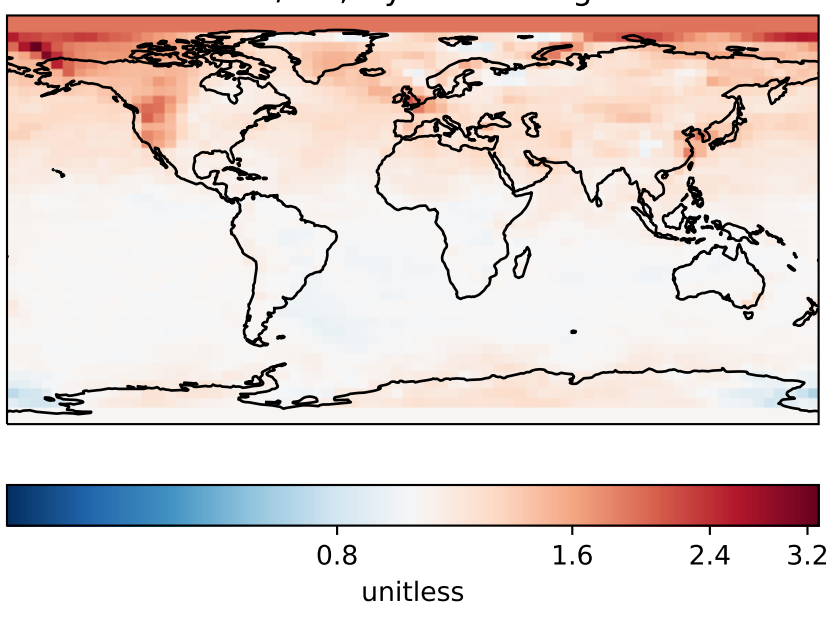
Difference
Dev - Ref, Dynamic Range



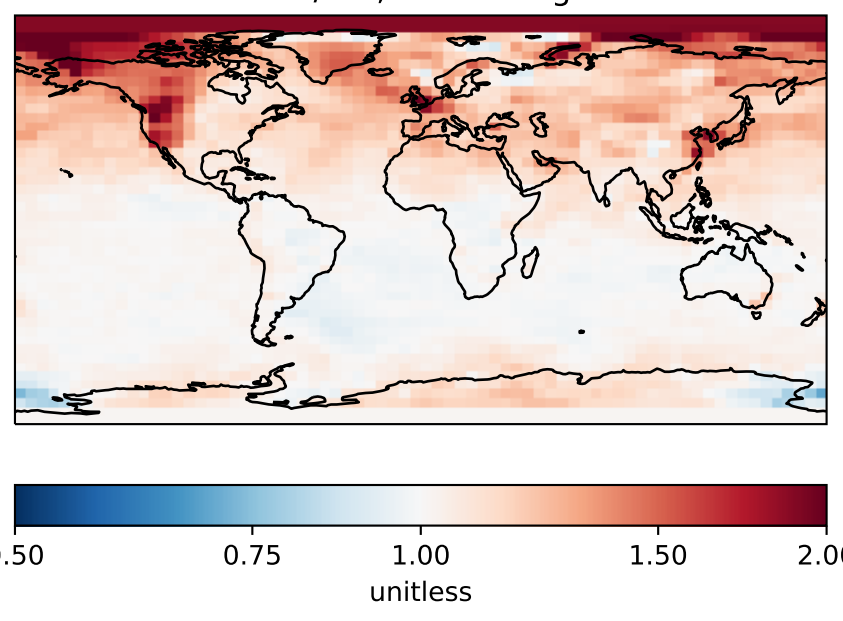
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

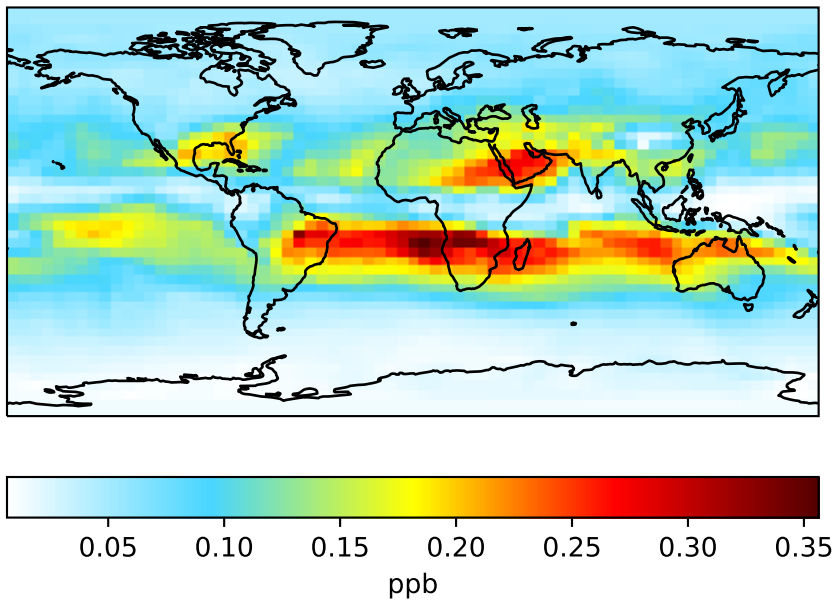


Ratio
Dev/Ref, Fixed Range

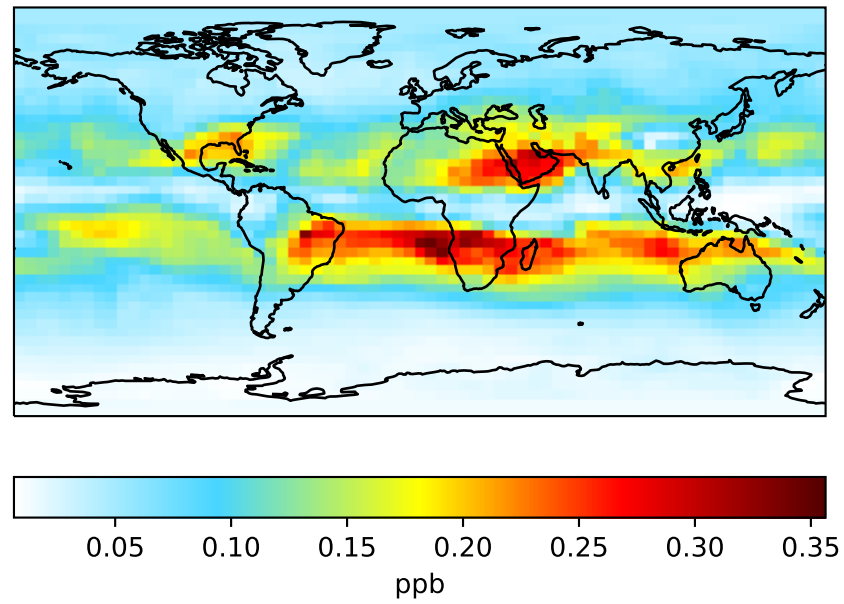


SpeciesConc_HNO3 (Oct2019)

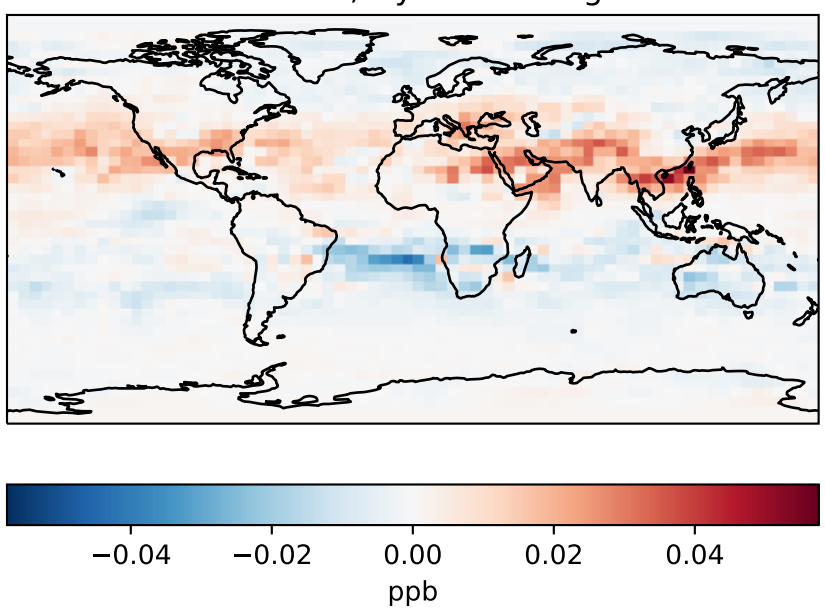
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



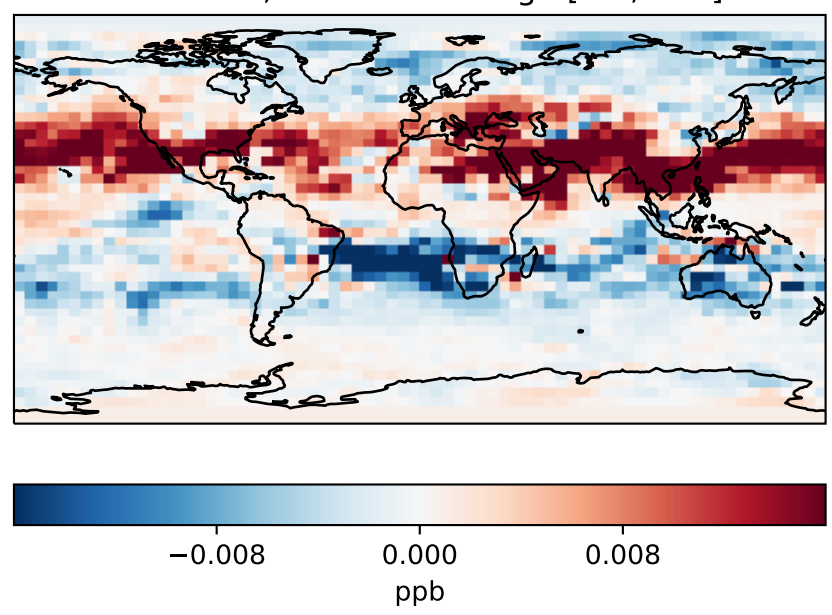
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



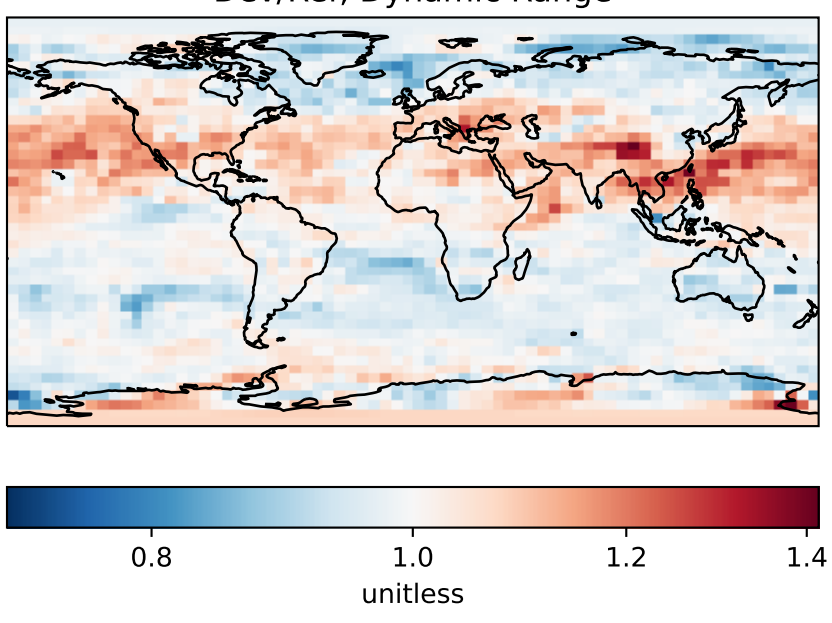
Difference
Dev - Ref, Dynamic Range



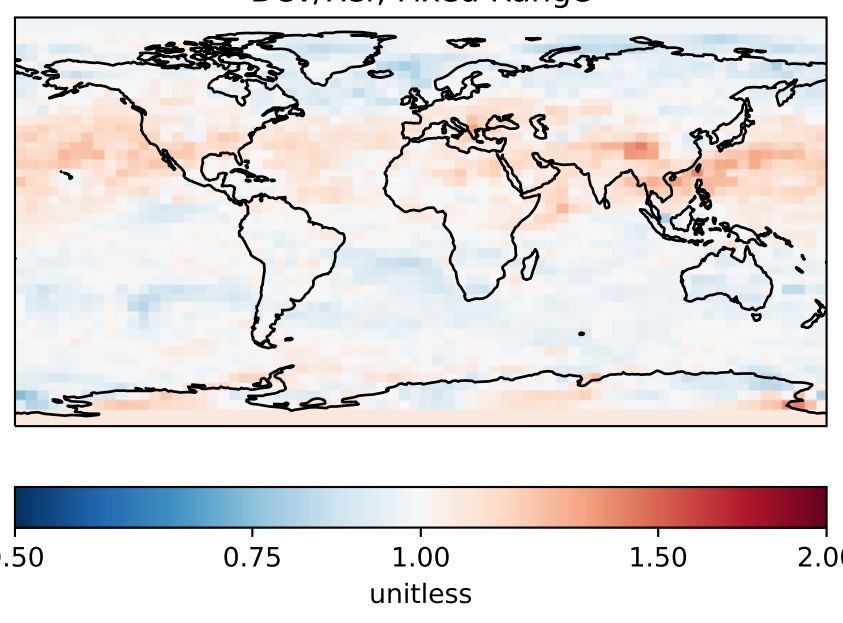
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

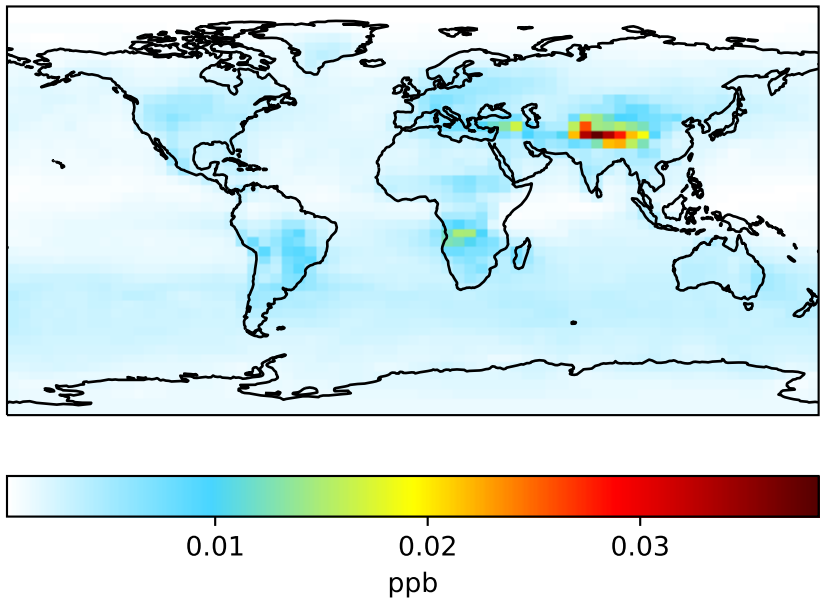


Ratio
Dev/Ref, Fixed Range

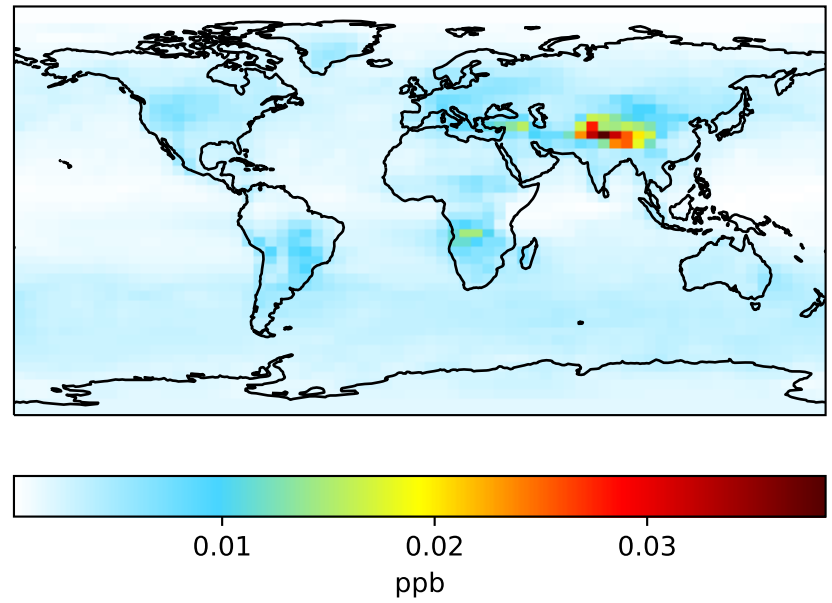


SpeciesConc_HNO4 (Oct2019)

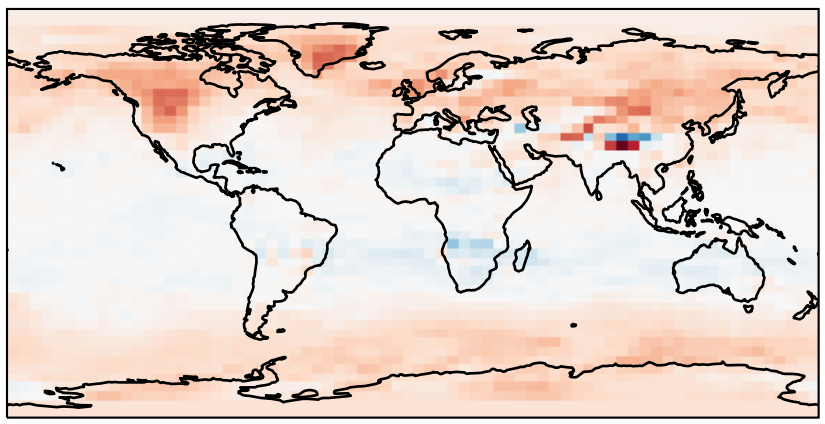
GCC_13.3.0-rc.0 (Ref)
4.0x5.0

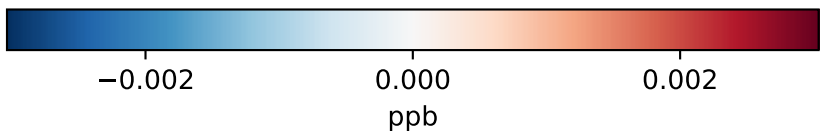


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

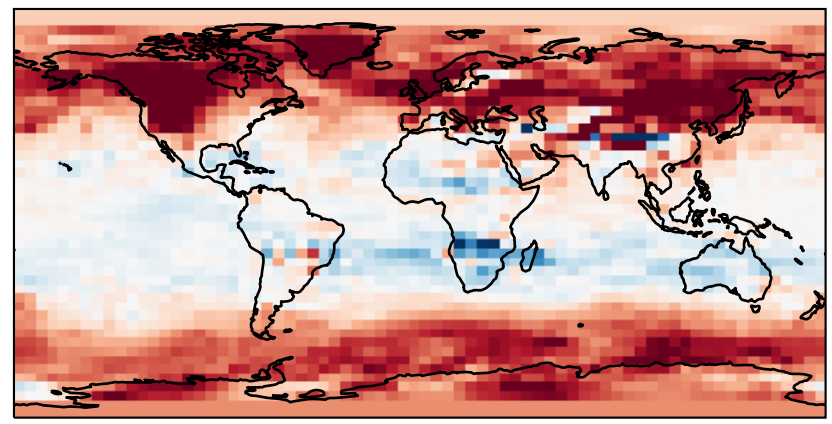


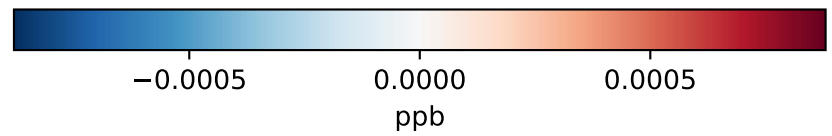
Difference
Dev - Ref, Dynamic Range



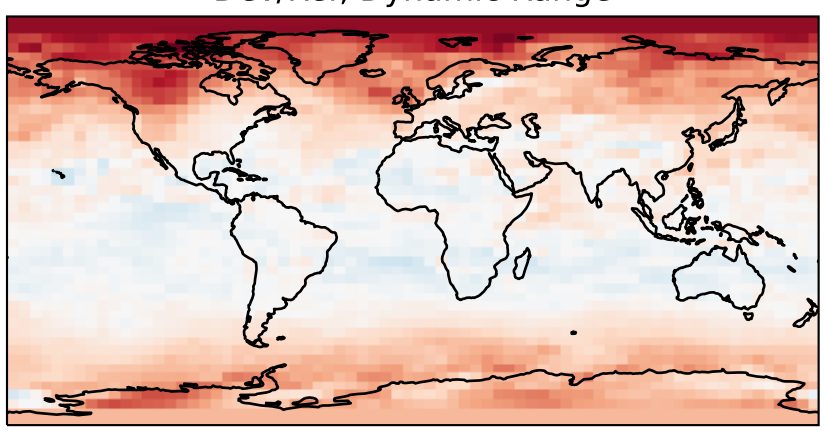


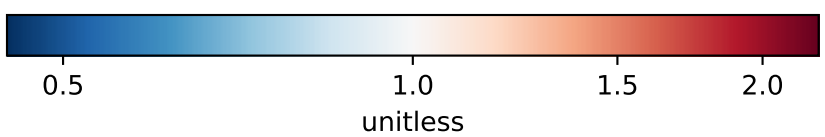
Difference
Dev - Ref, Restricted Range [5%,95%]



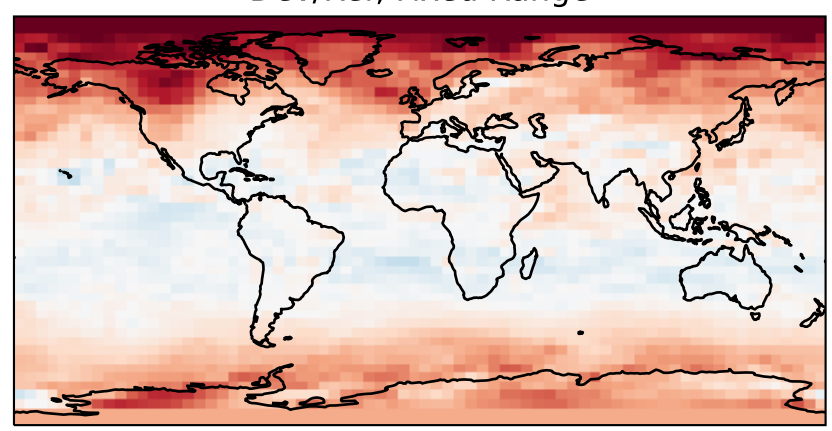


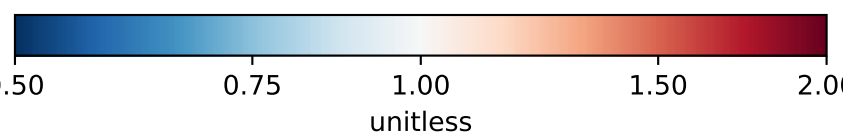
Ratio
Dev/Ref, Dynamic Range





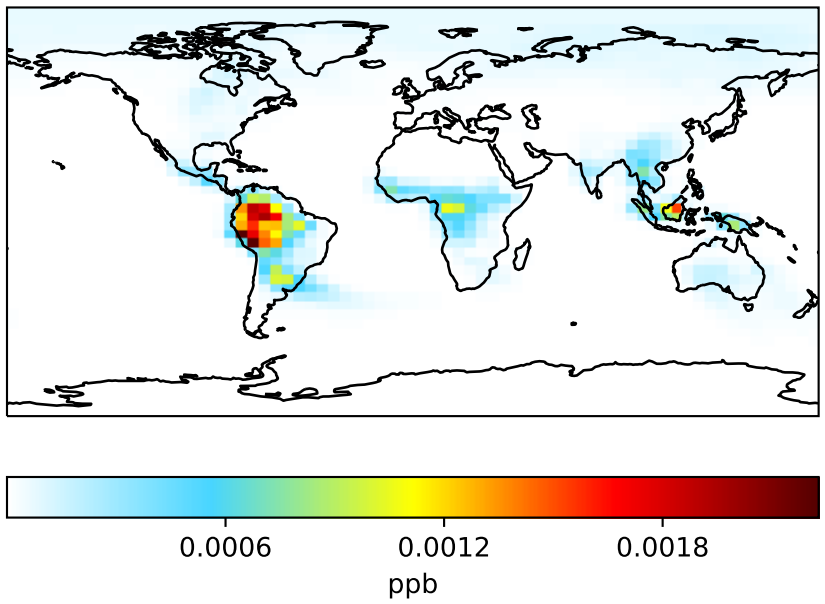
Ratio
Dev/Ref, Fixed Range



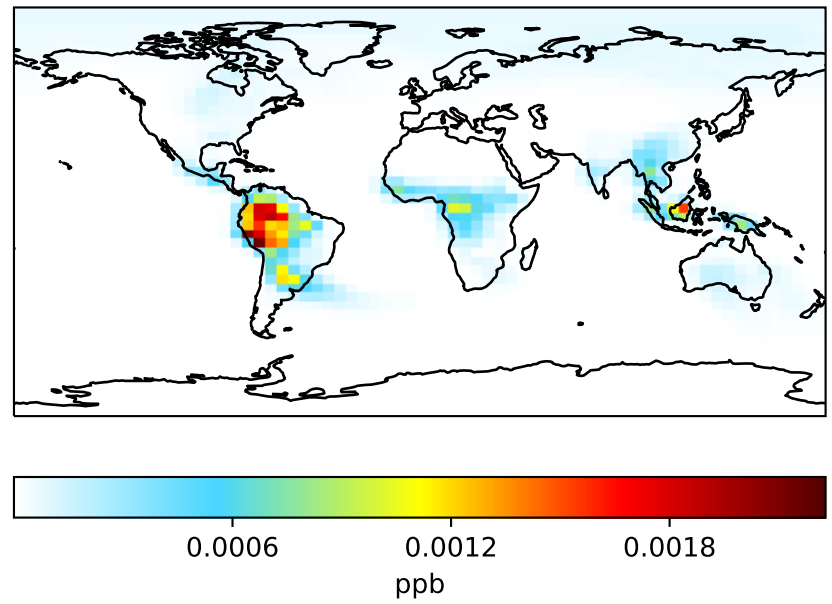


SpeciesConc_MPAN (Oct2019)

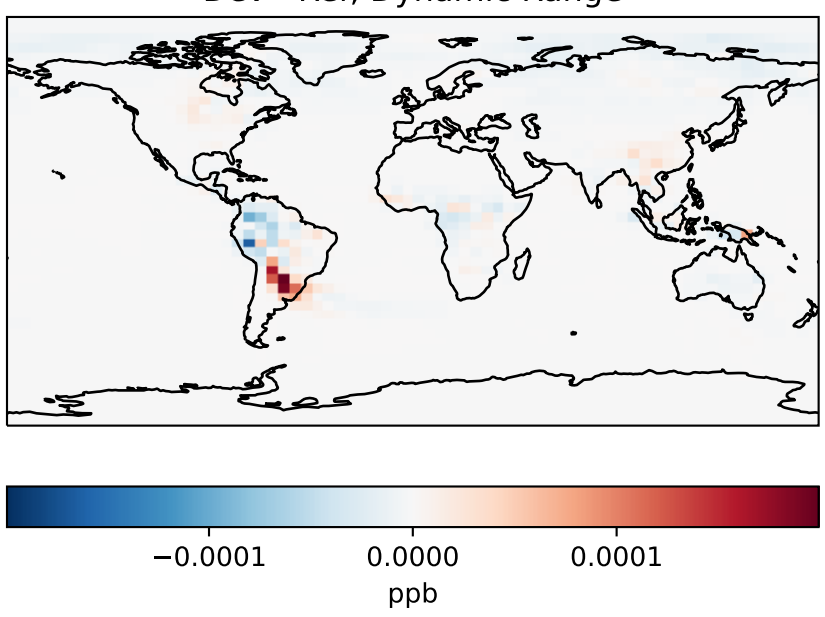
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



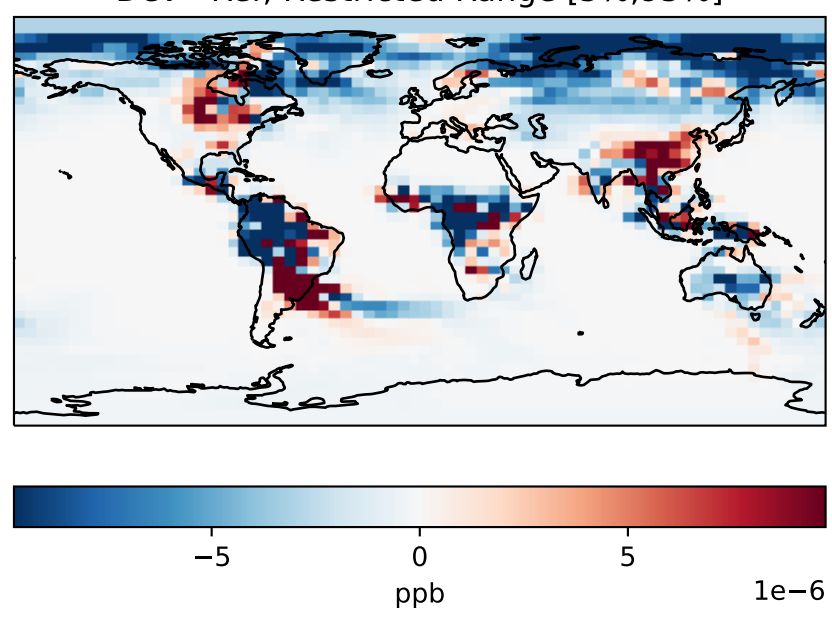
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



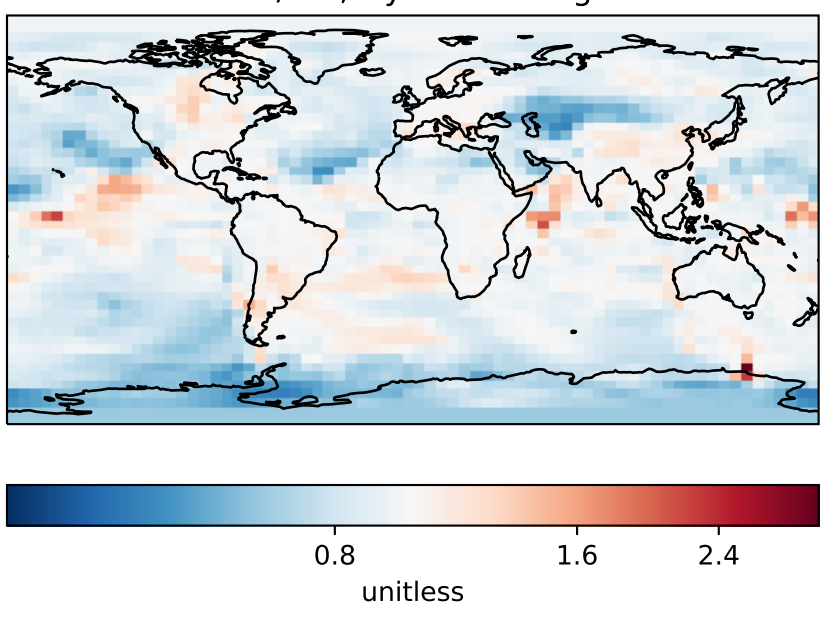
Difference
Dev - Ref, Dynamic Range



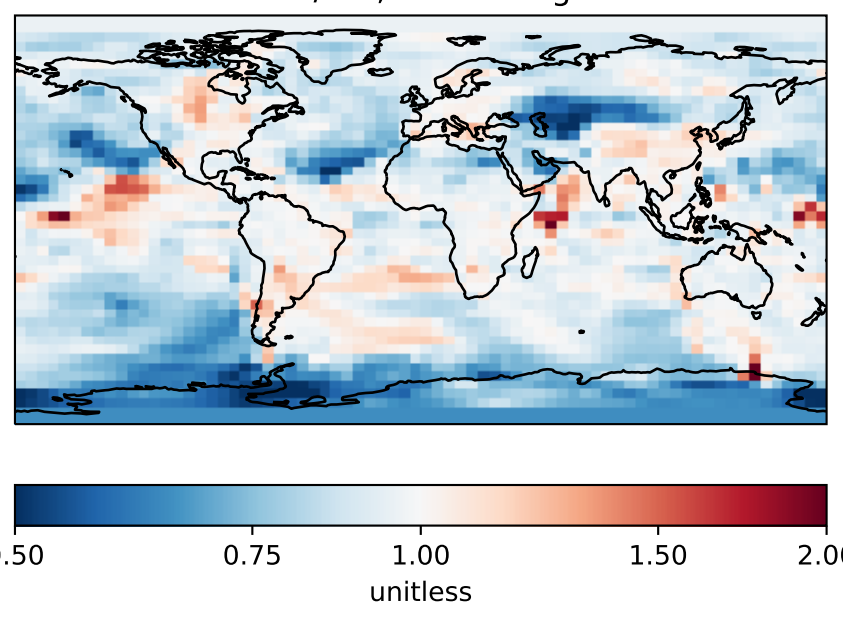
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

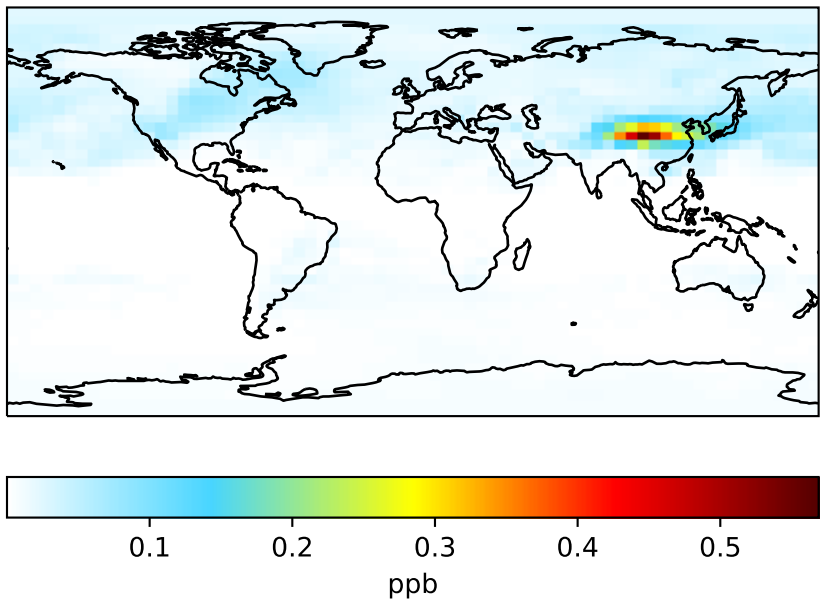


Ratio
Dev/Ref, Fixed Range

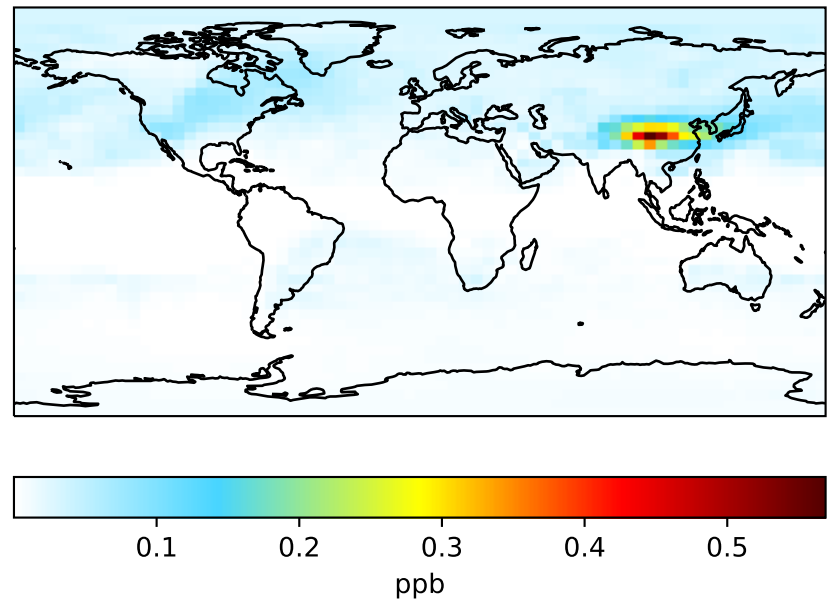


SpeciesConc_NIT (Oct2019)

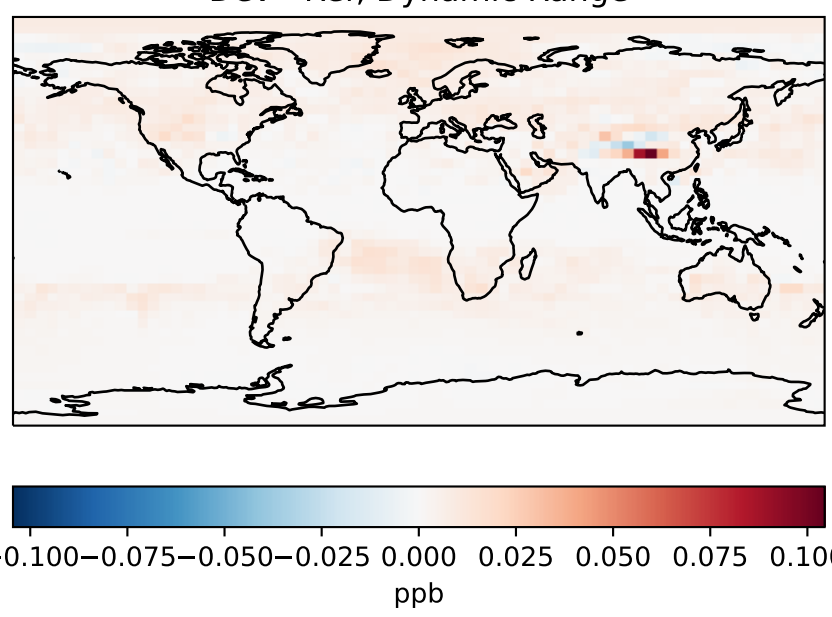
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



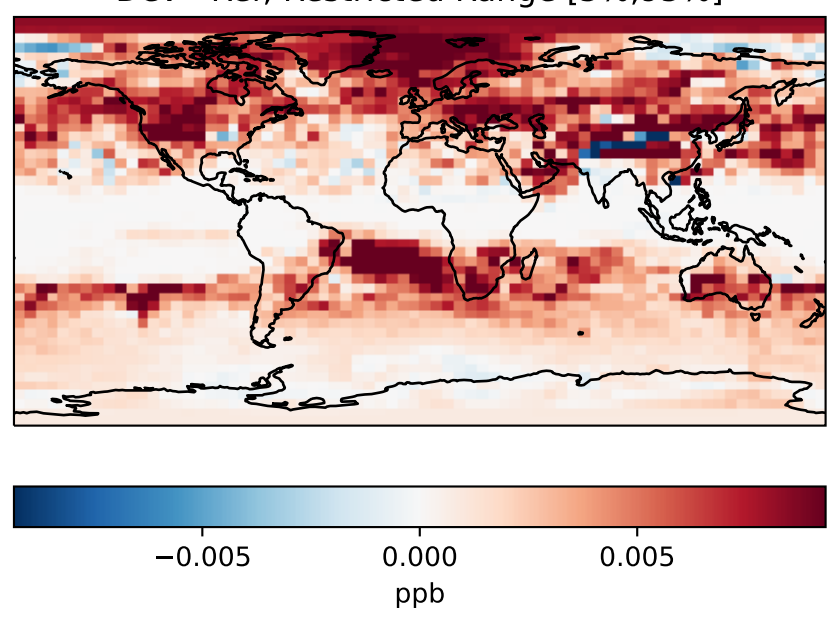
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



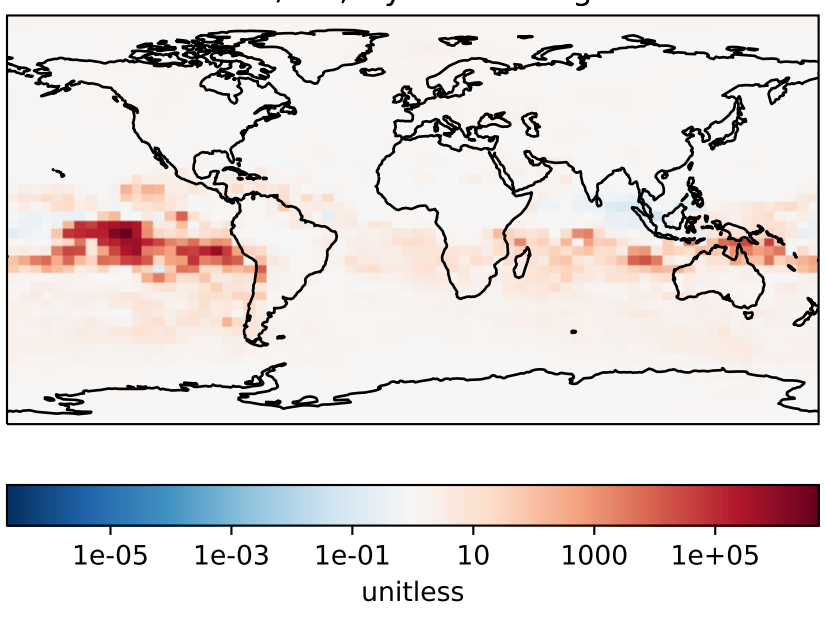
Difference
Dev - Ref, Dynamic Range



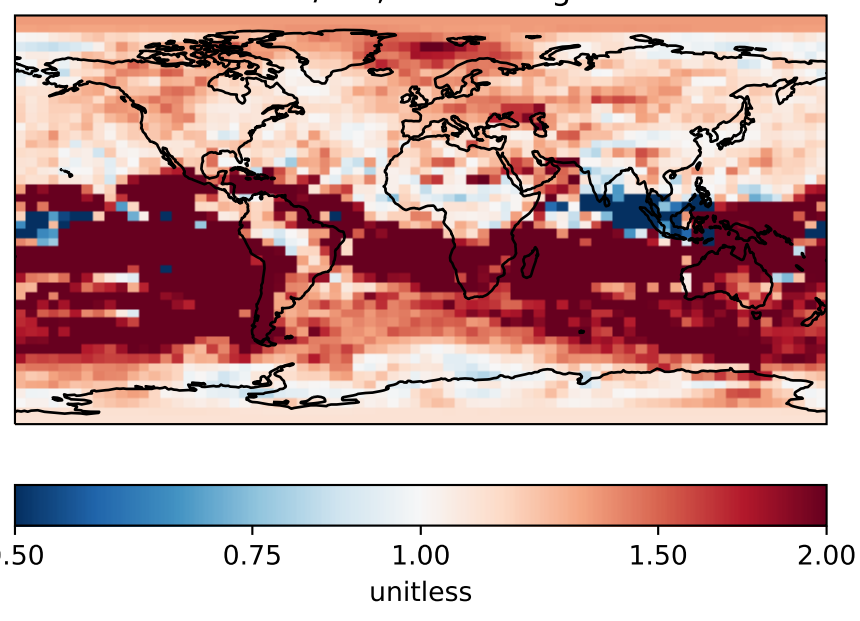
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

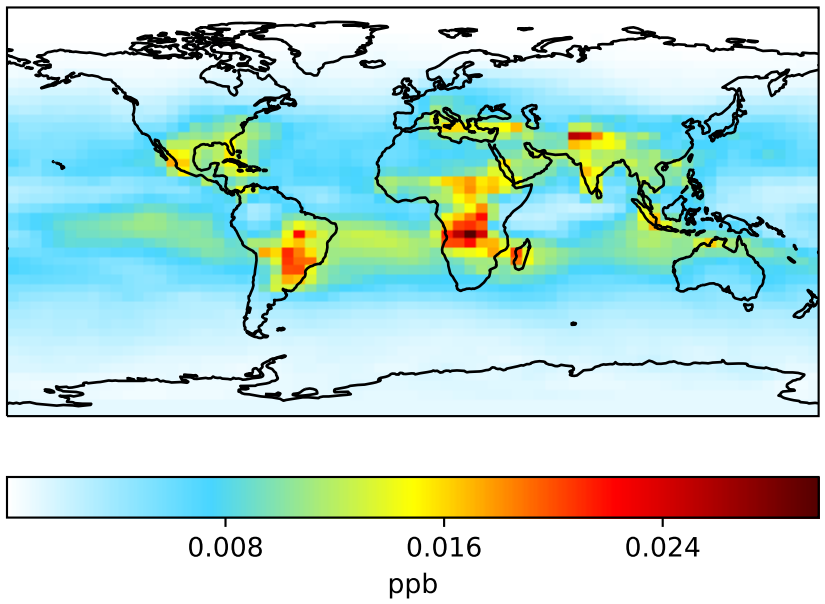


Ratio
Dev/Ref, Fixed Range

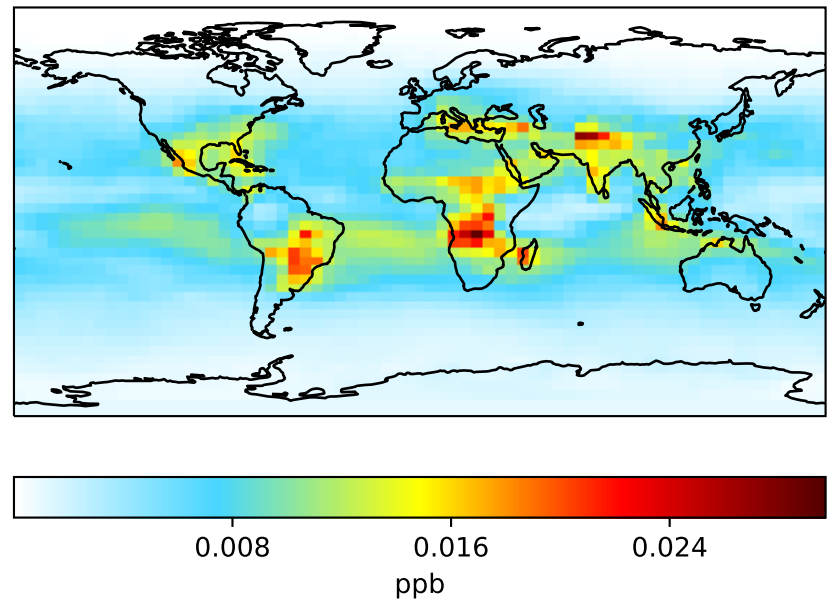


SpeciesConc_NO (Oct2019)

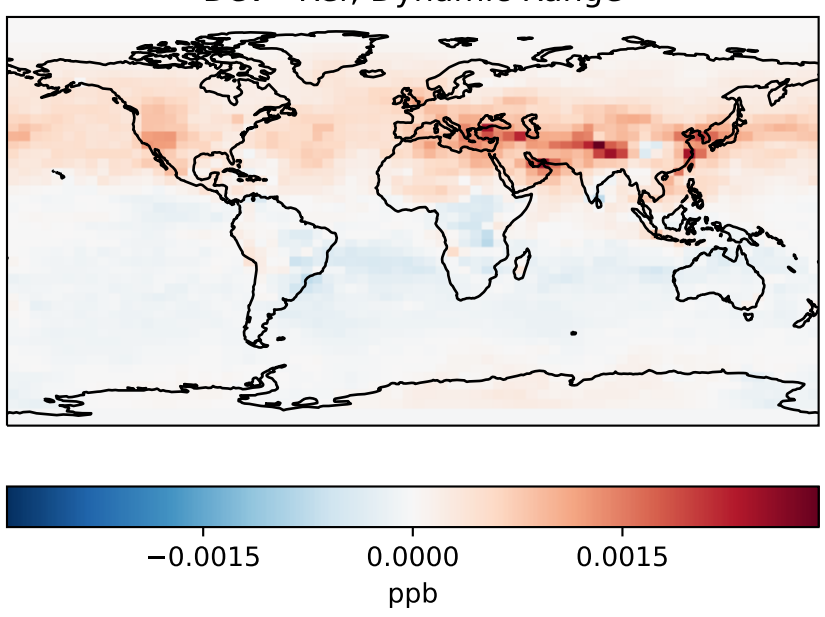
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



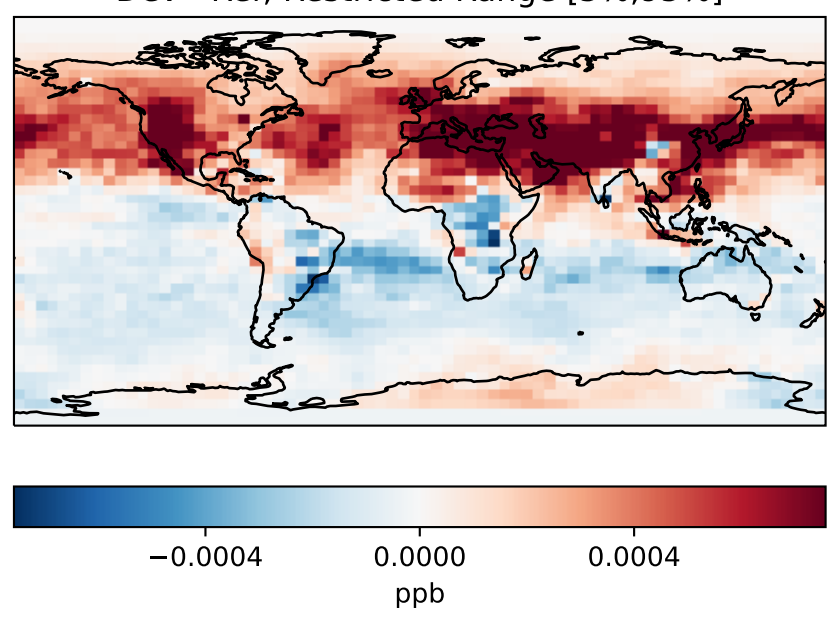
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



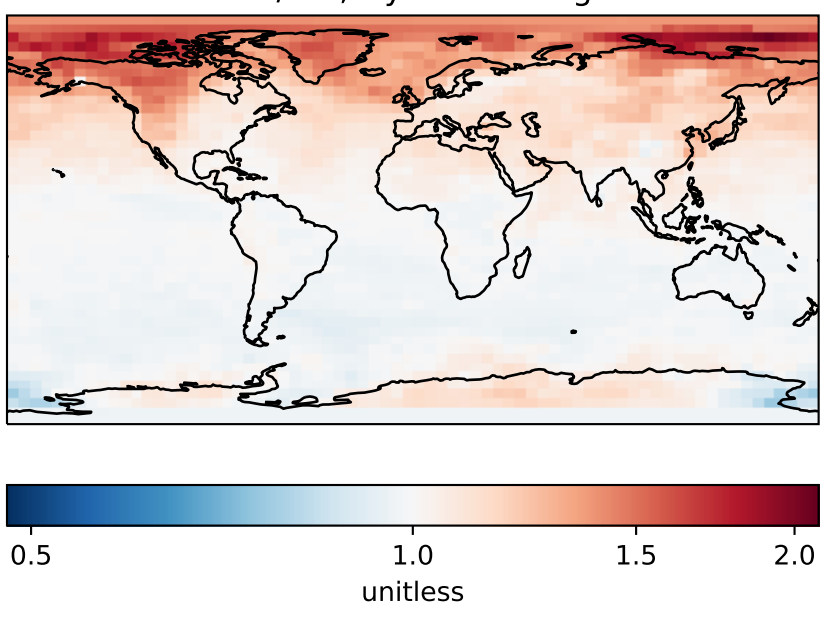
Difference
Dev - Ref, Dynamic Range



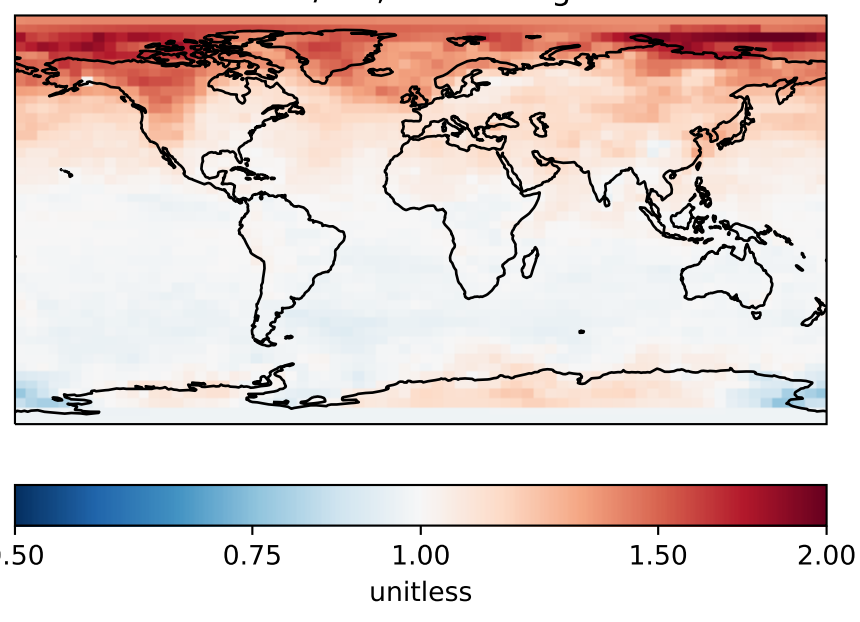
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

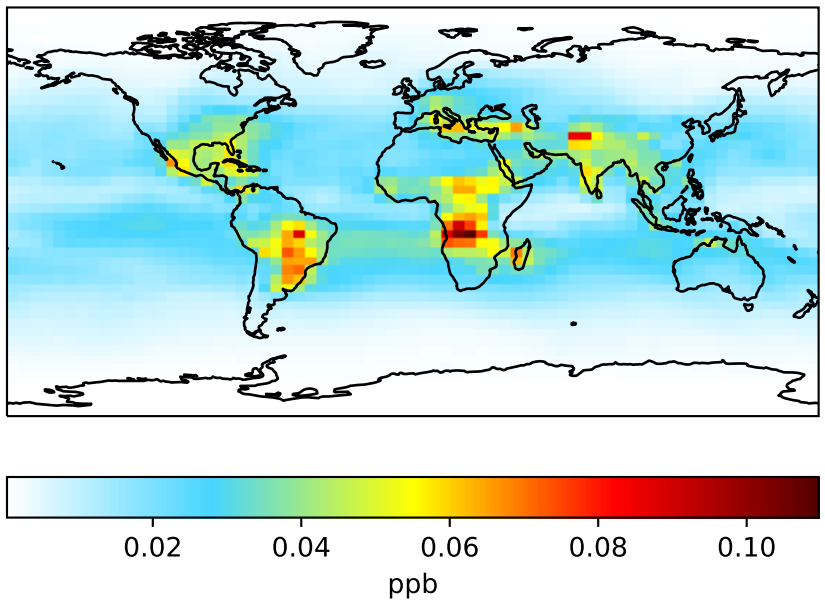


Ratio
Dev/Ref, Fixed Range

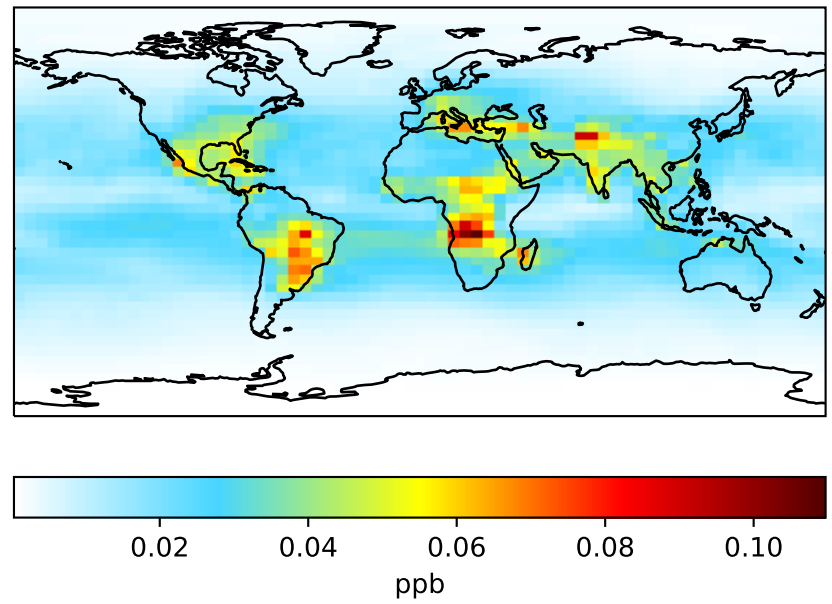


SpeciesConc_NO2 (Oct2019)

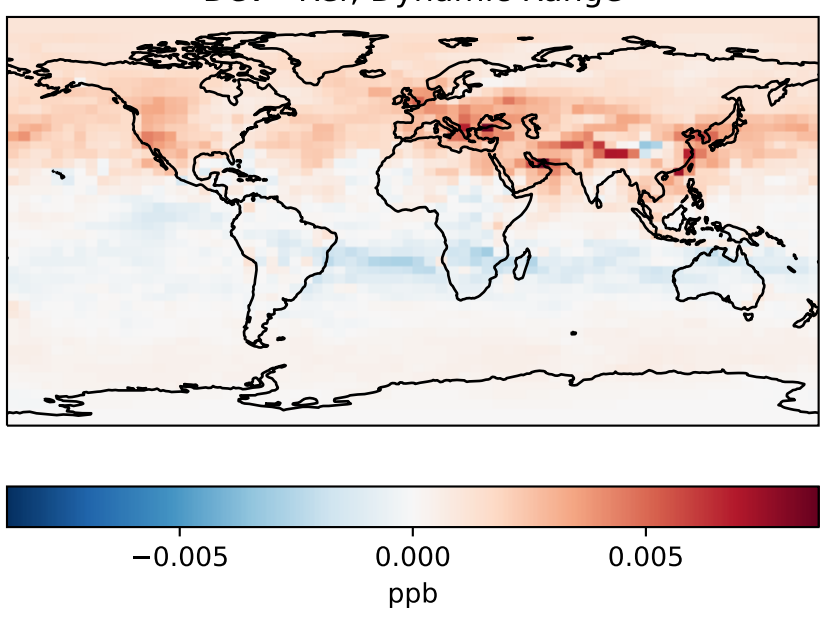
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



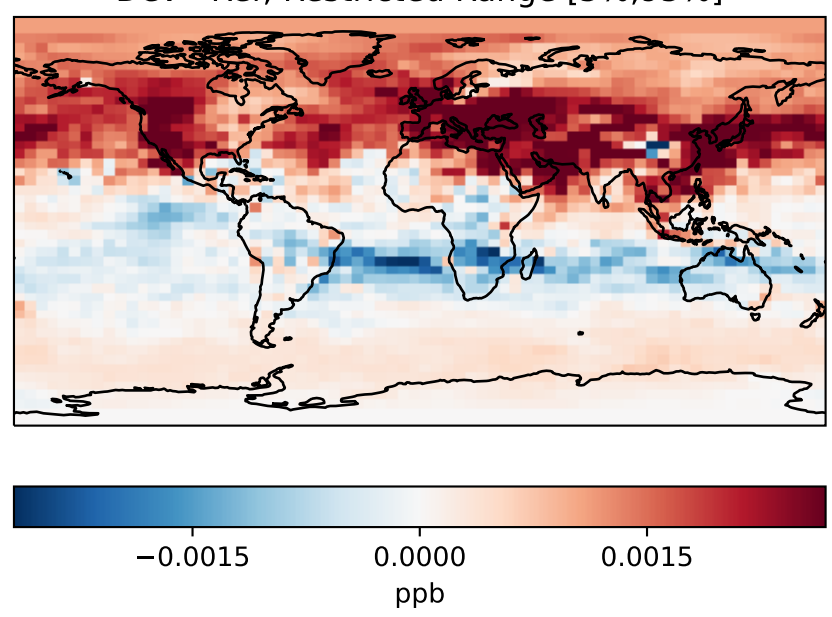
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



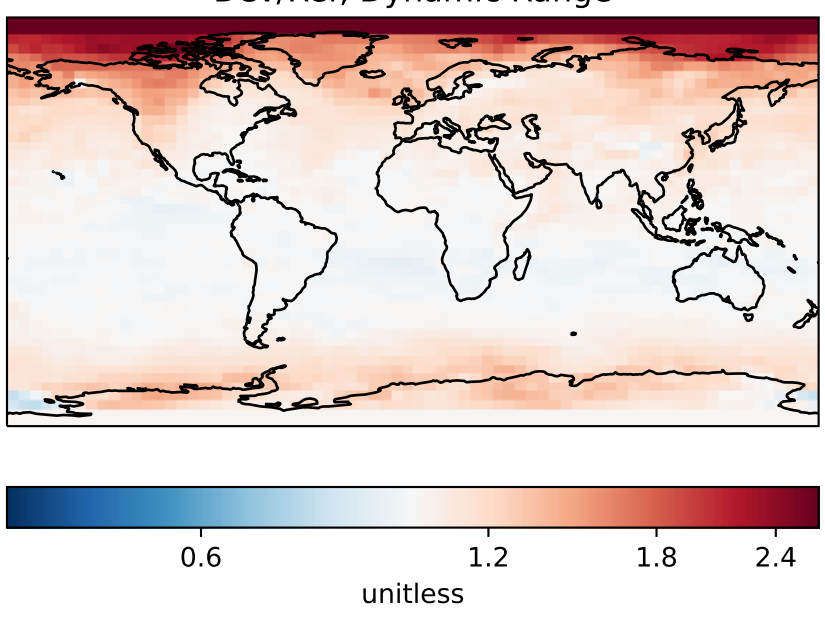
Difference
Dev - Ref, Dynamic Range



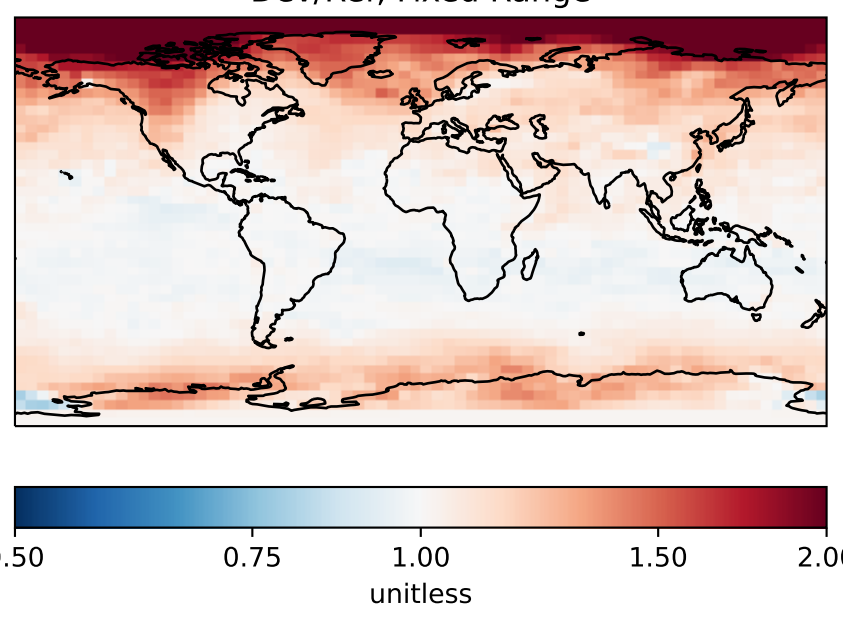
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

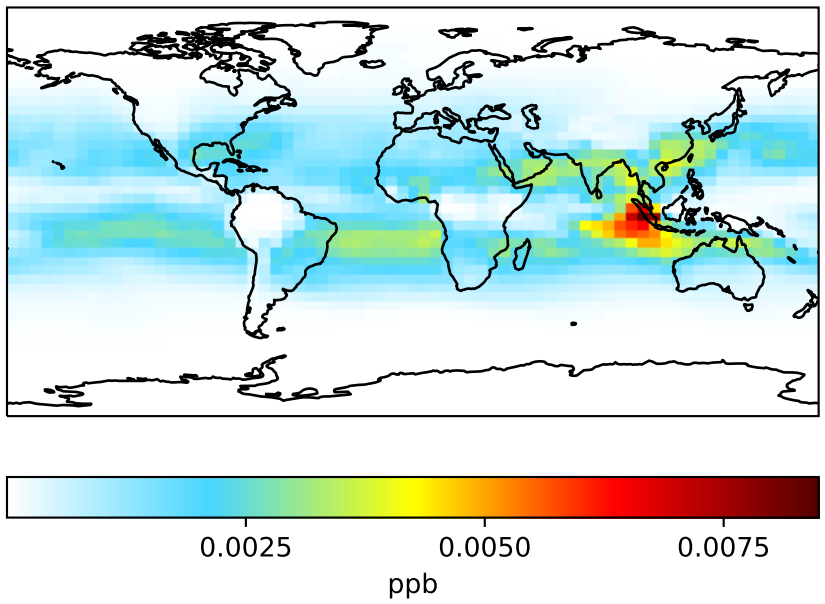


Ratio
Dev/Ref, Fixed Range

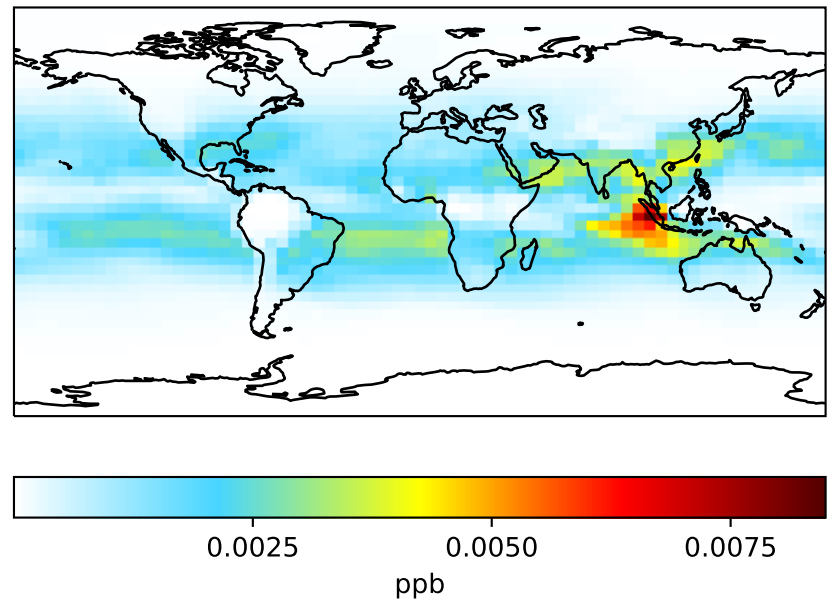


SpeciesConc_NO3 (Oct2019)

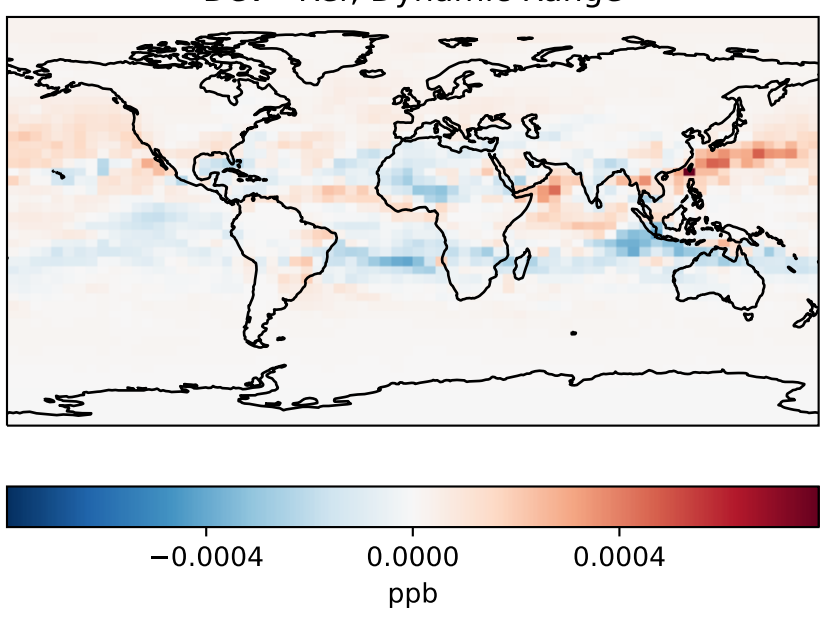
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



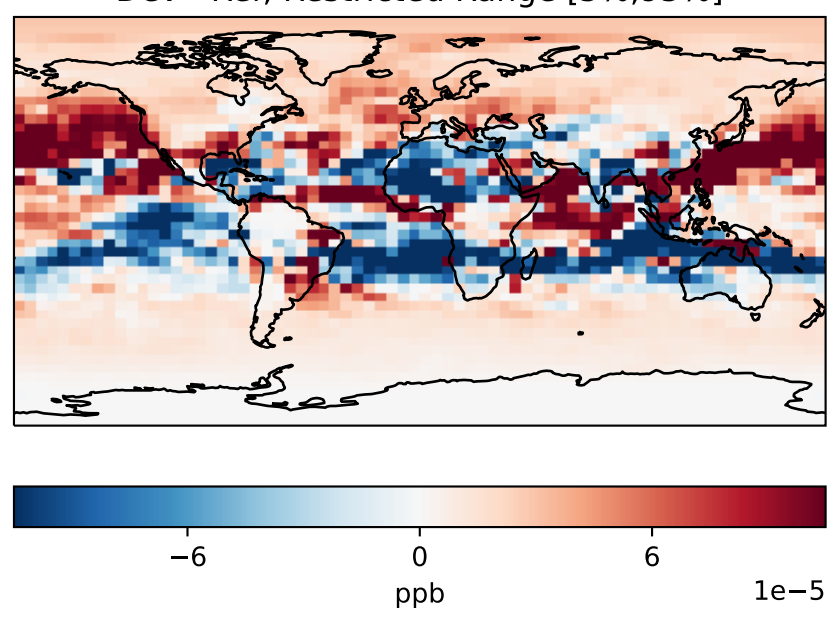
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



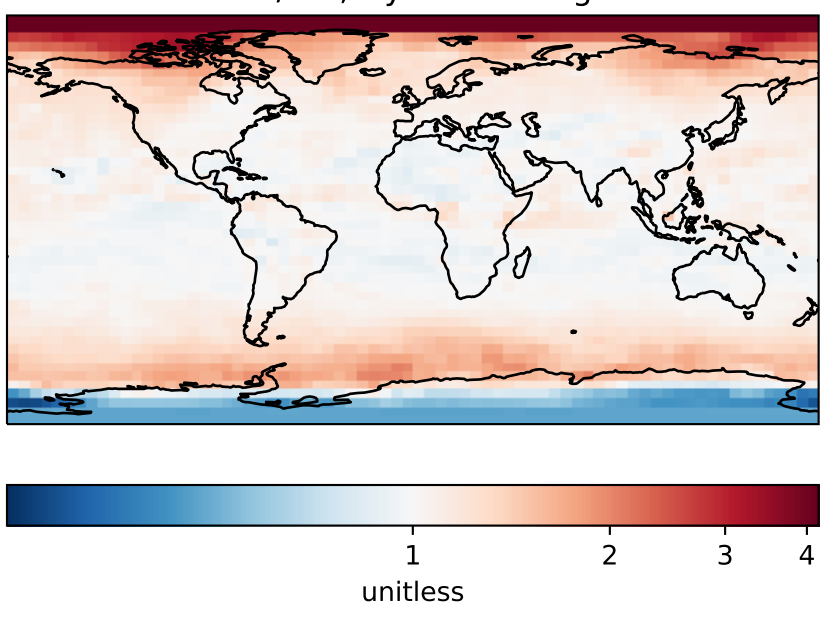
Difference
Dev - Ref, Dynamic Range



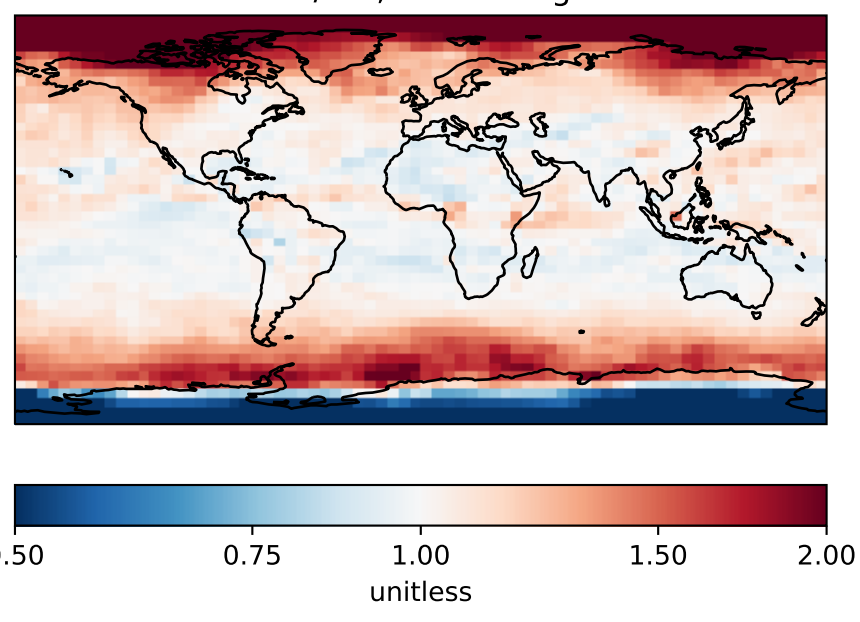
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

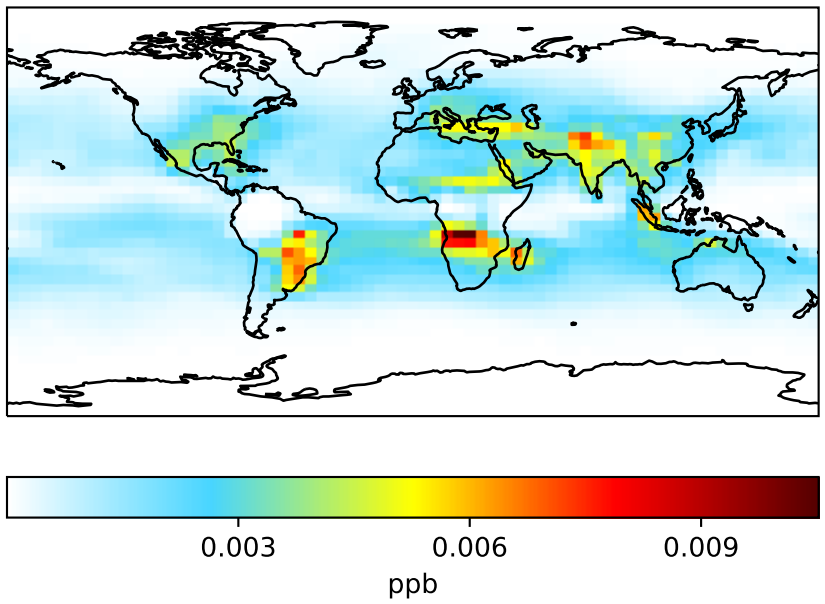


Ratio
Dev/Ref, Fixed Range

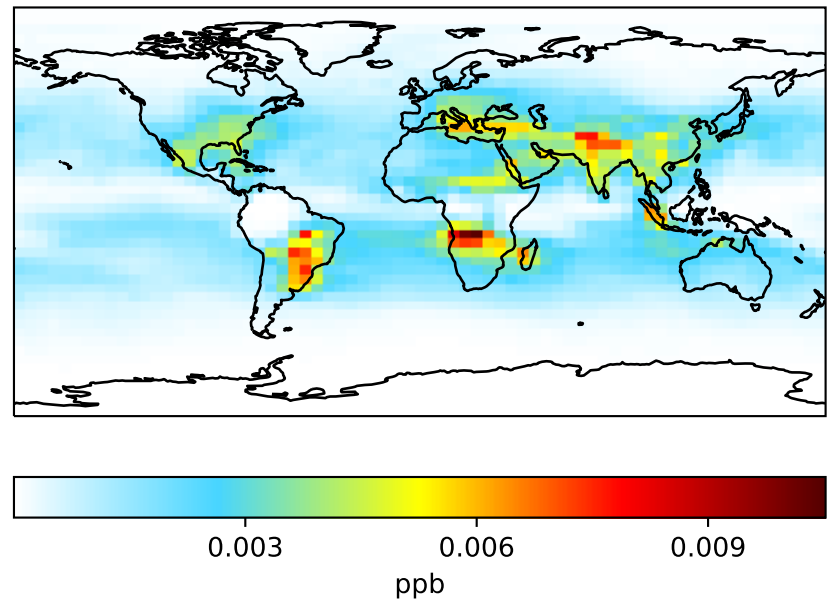


SpeciesConc_N2O5 (Oct2019)

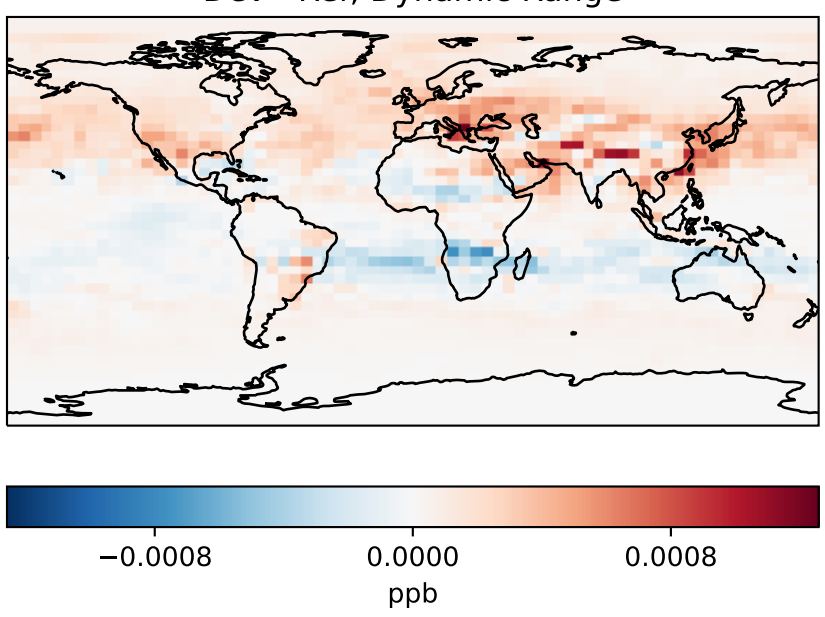
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



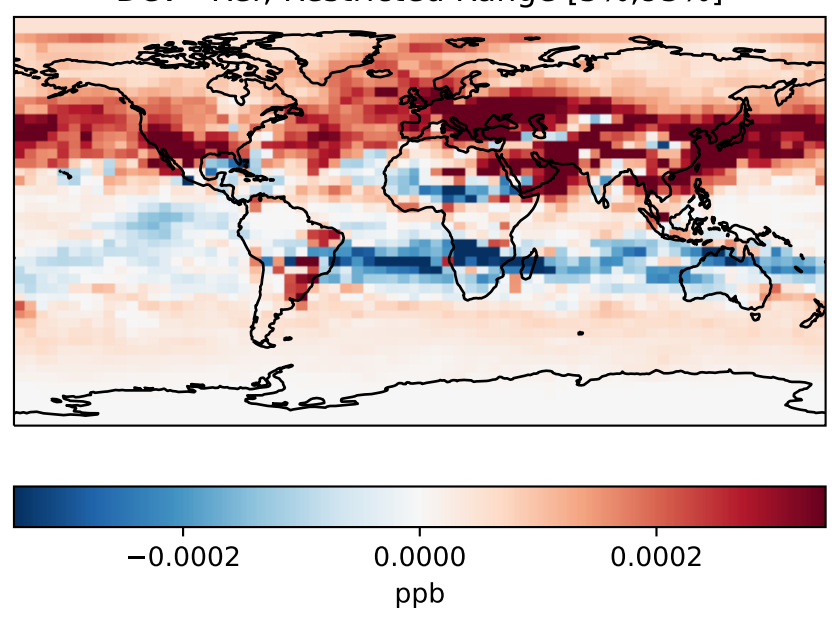
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



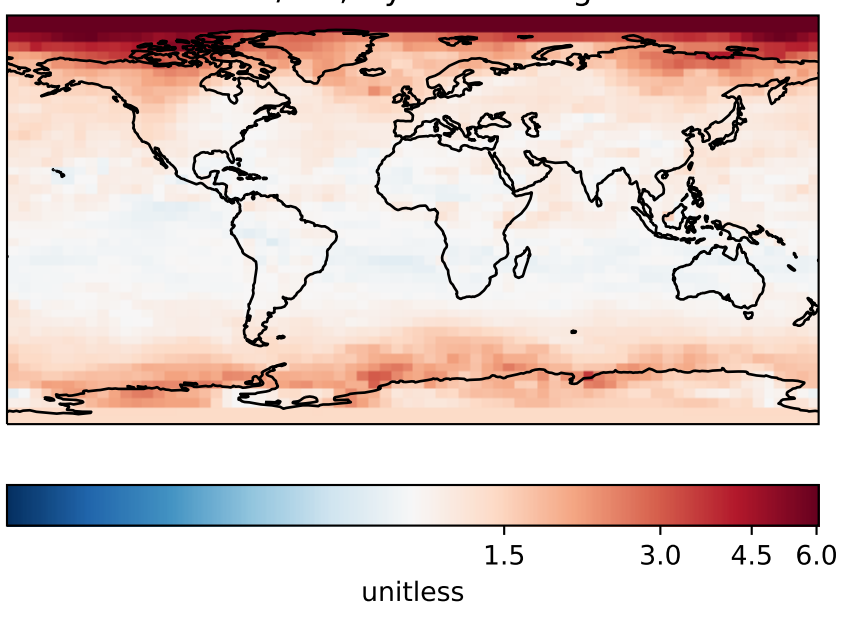
Difference
Dev - Ref, Dynamic Range



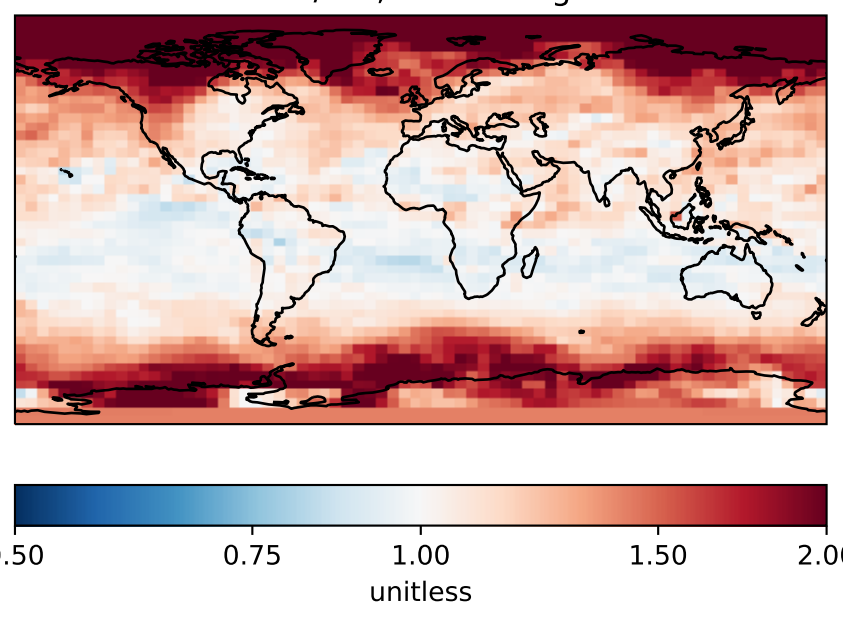
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

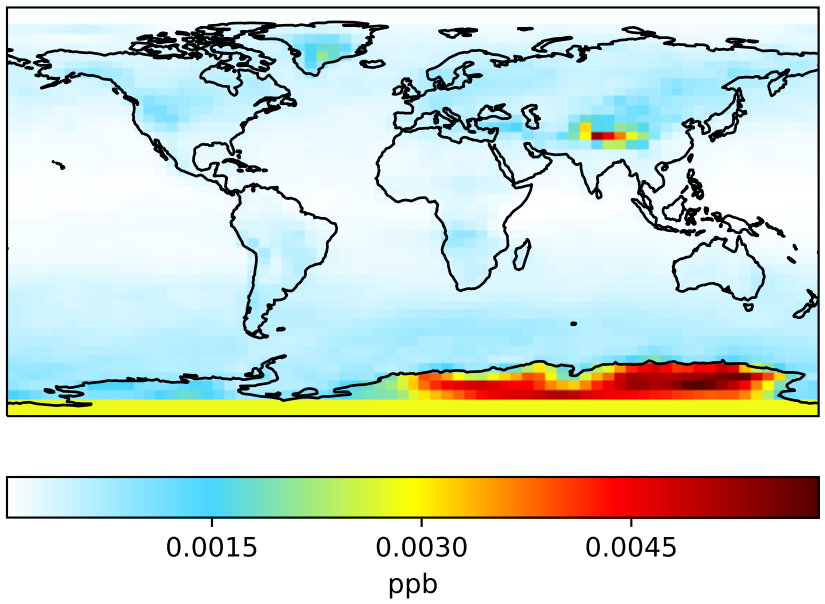


Ratio
Dev/Ref, Fixed Range

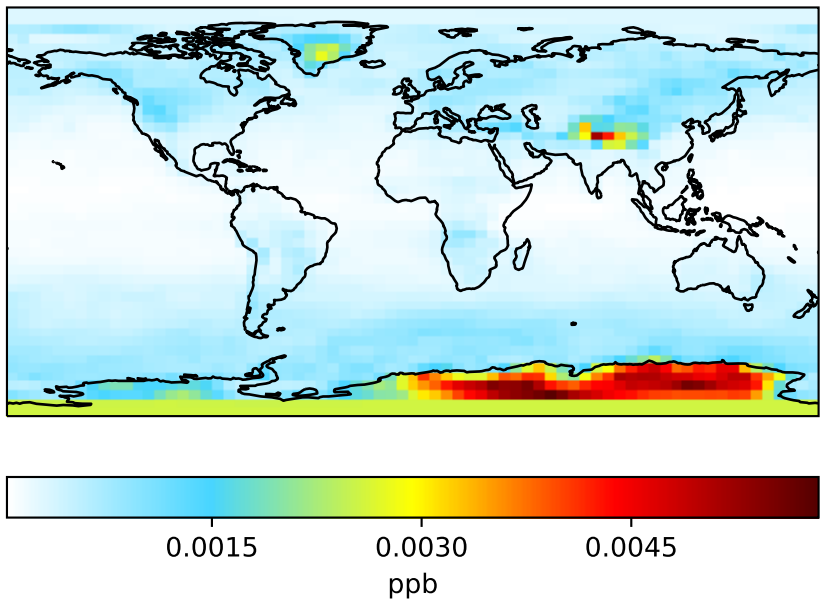


SpeciesConc_MPN (Oct2019)

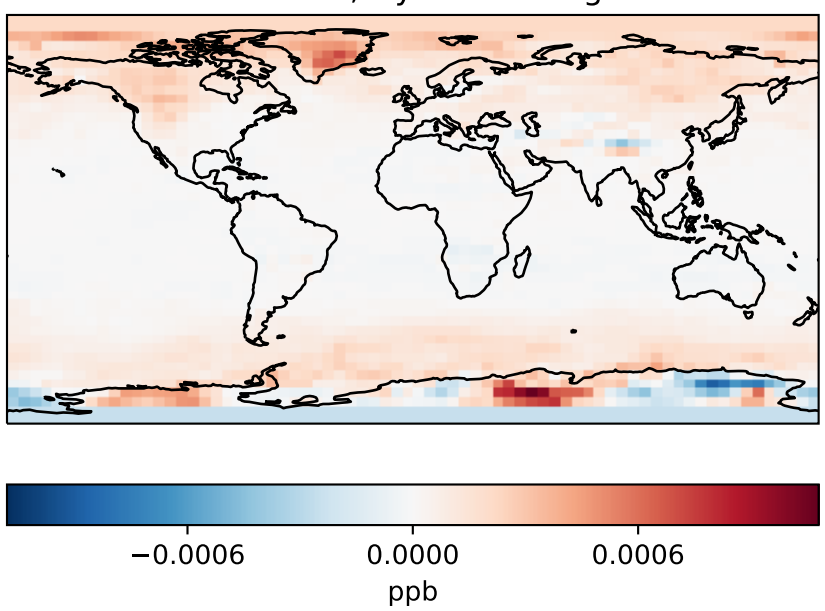
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



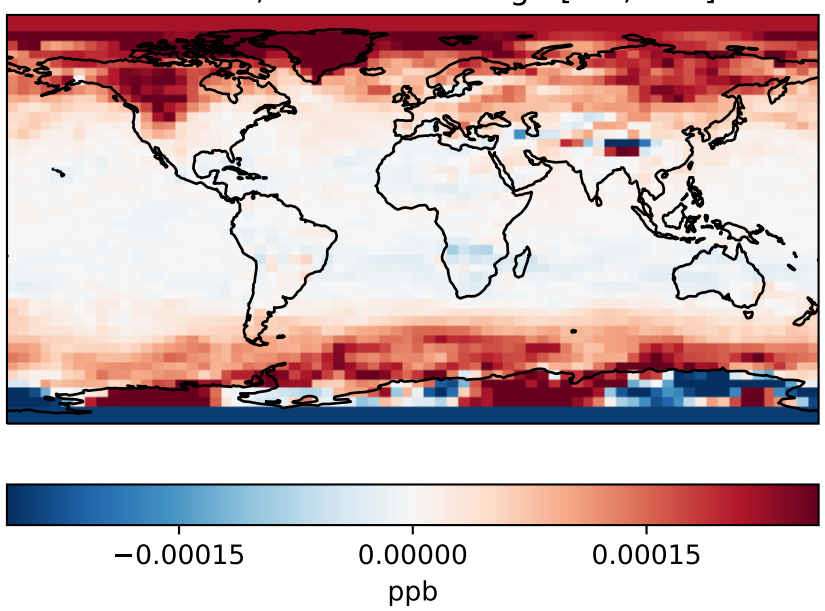
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



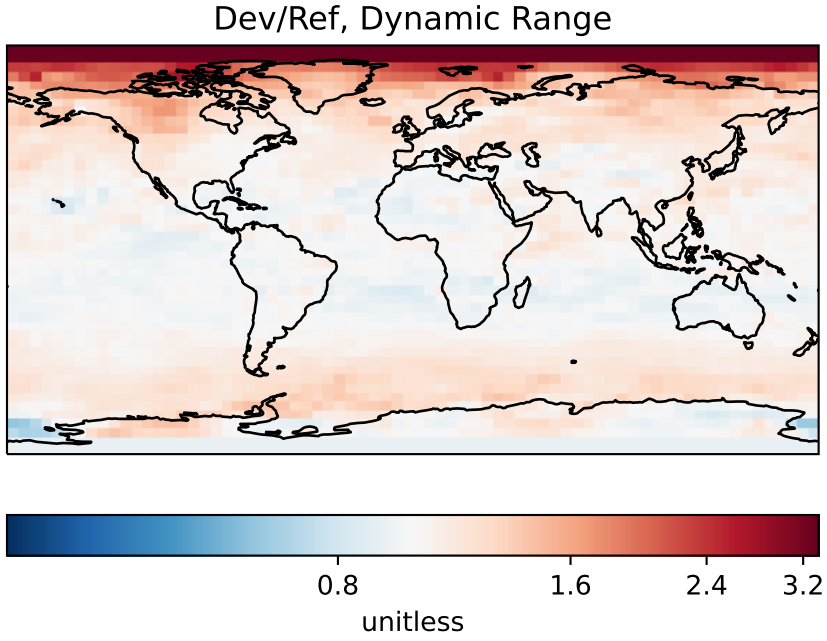
Difference
Dev - Ref, Dynamic Range



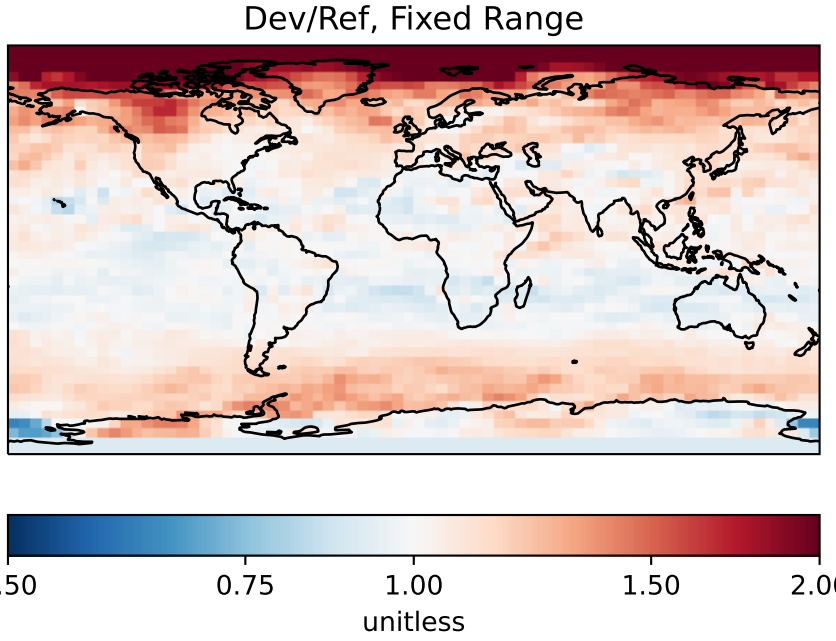
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

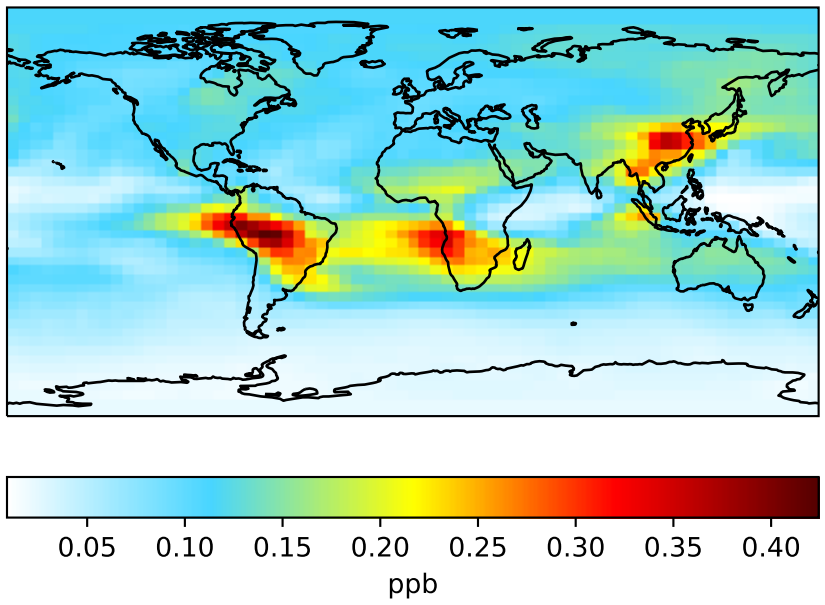


Ratio
Dev/Ref, Fixed Range

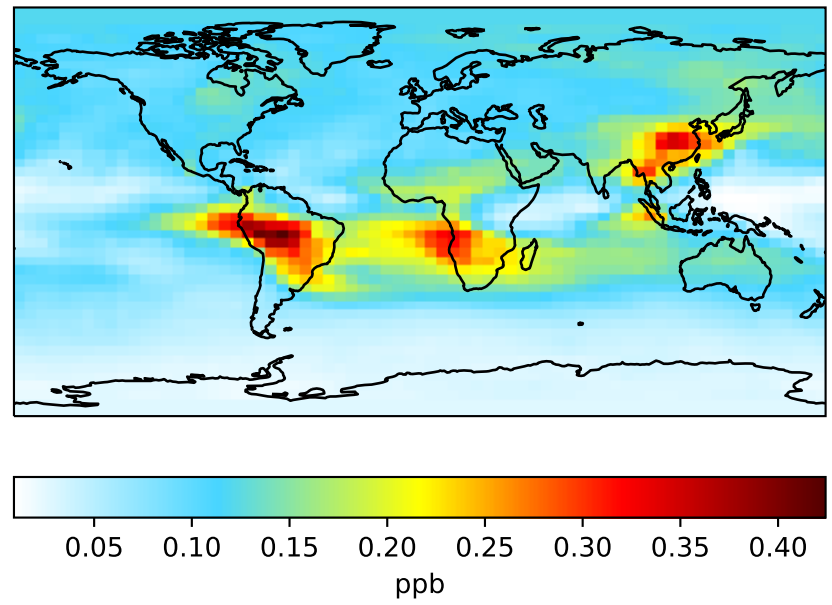


SpeciesConc_PAN (Oct2019)

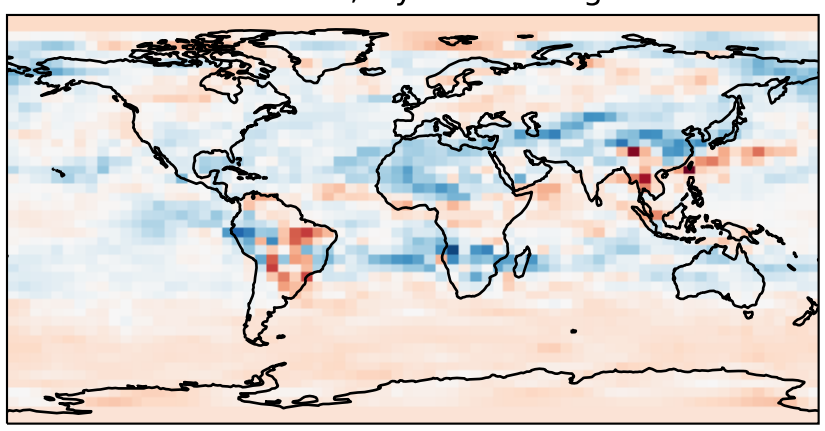
GCC_13.3.0-rc.0 (Ref)
4.0x5.0

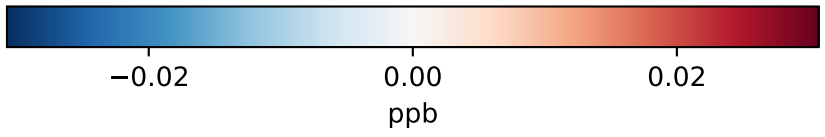


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

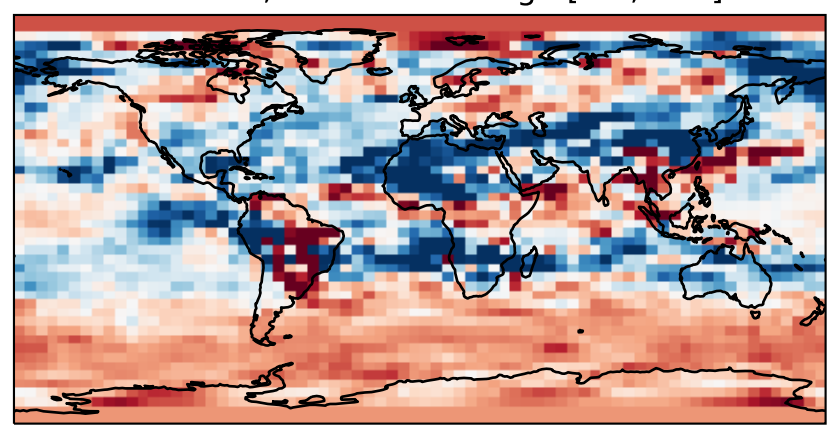


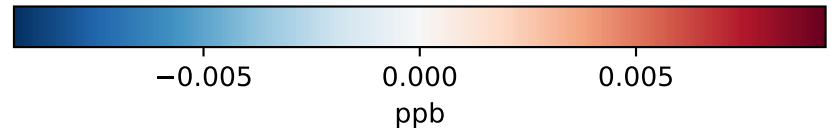
Difference
Dev - Ref, Dynamic Range



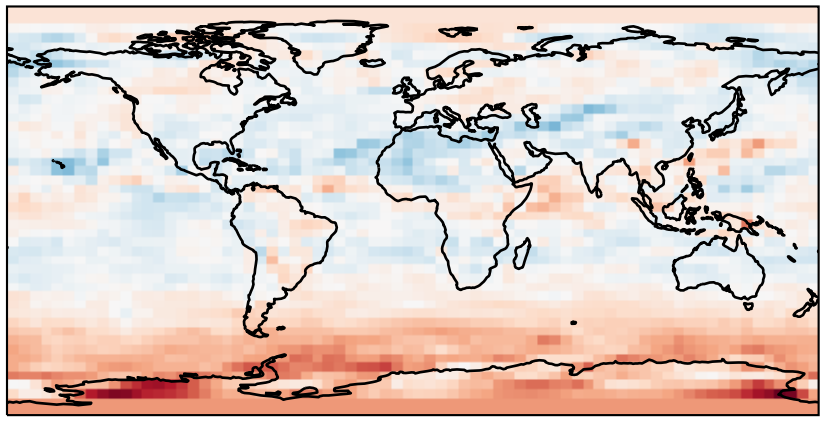


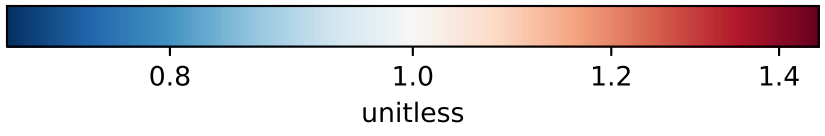
Difference
Dev - Ref, Restricted Range [5%,95%]



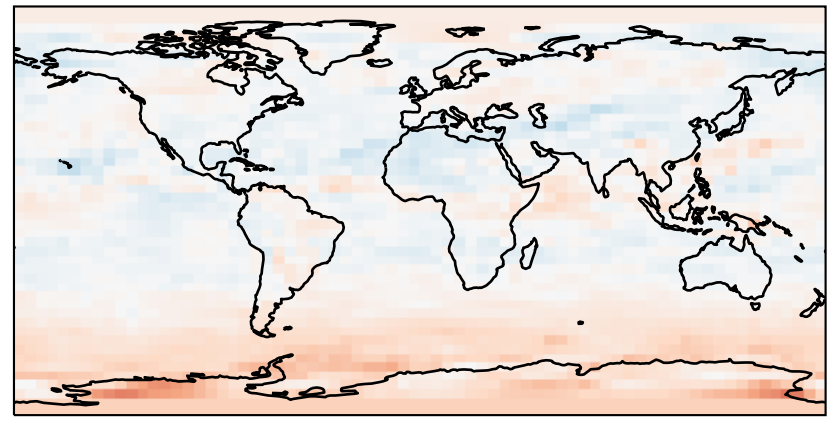


Ratio
Dev/Ref, Dynamic Range



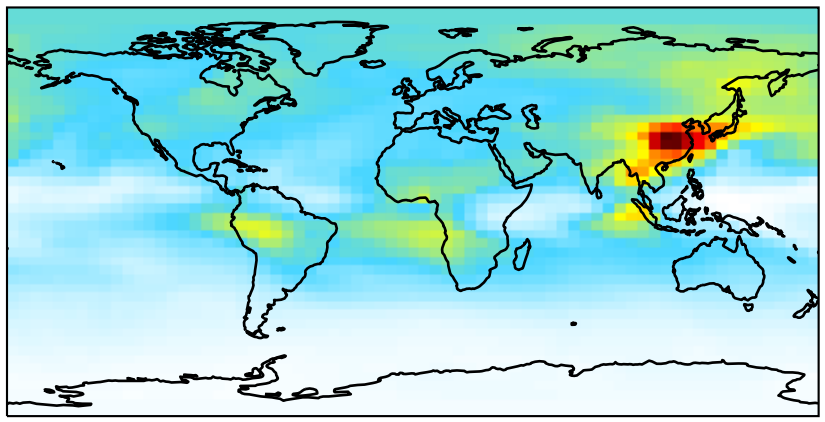


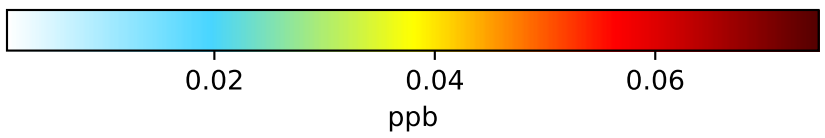
Ratio
Dev/Ref, Fixed Range



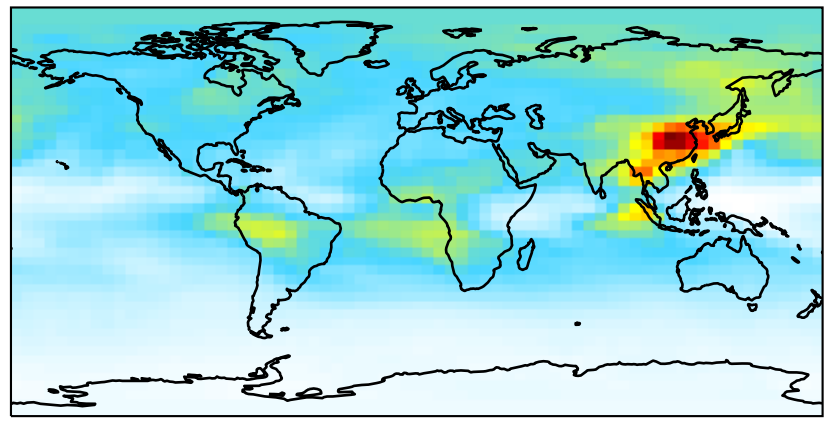
SpeciesConc_PPN (Oct2019)

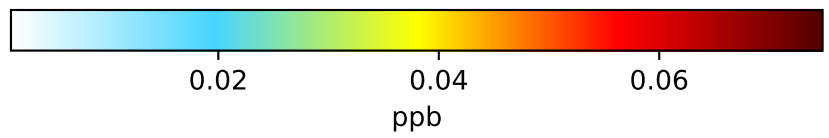
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



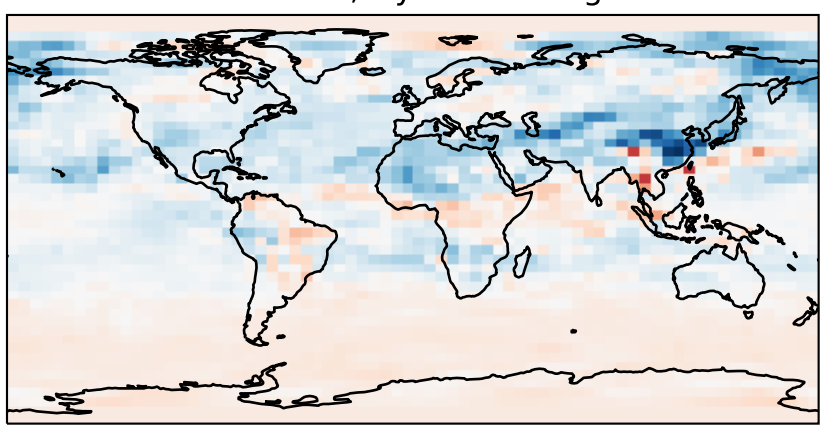


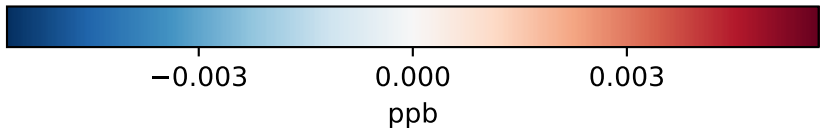
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



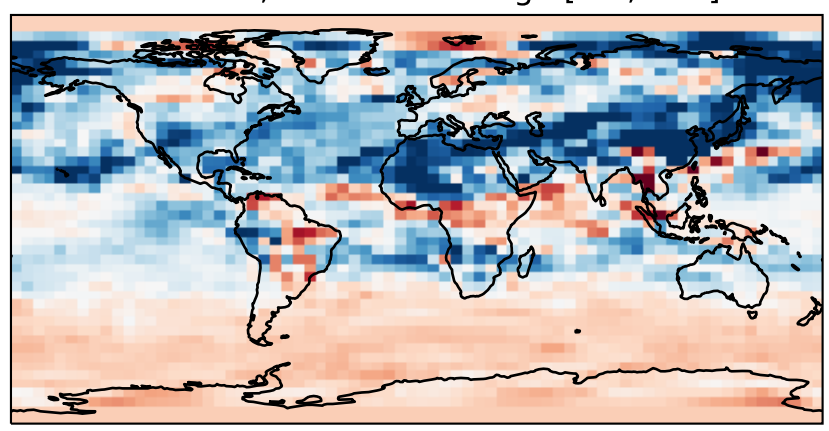


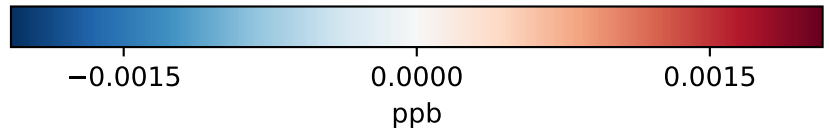
Difference
Dev - Ref, Dynamic Range



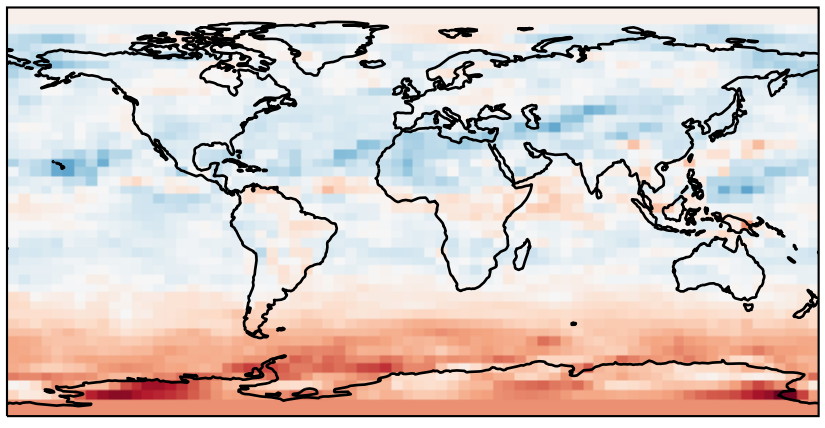


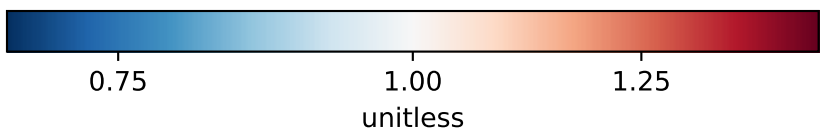
Difference
Dev - Ref, Restricted Range [5%,95%]



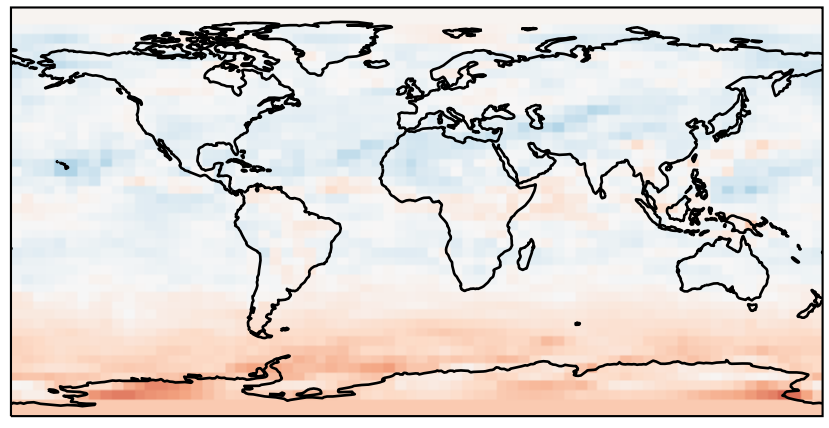


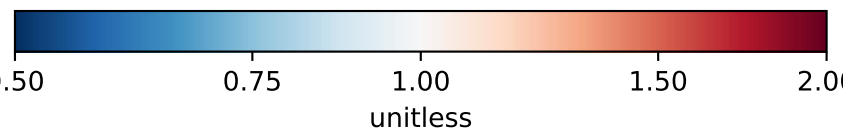
Ratio
Dev/Ref, Dynamic Range





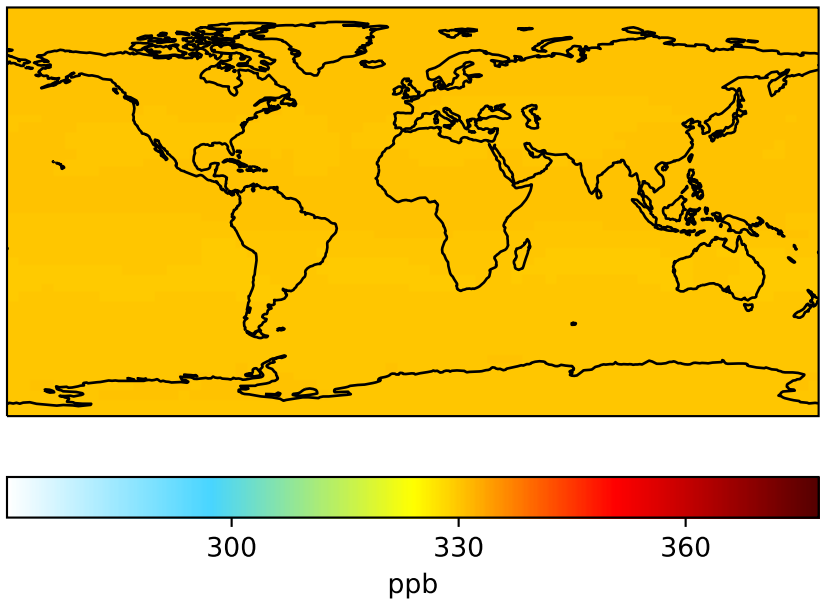
Ratio
Dev/Ref, Fixed Range



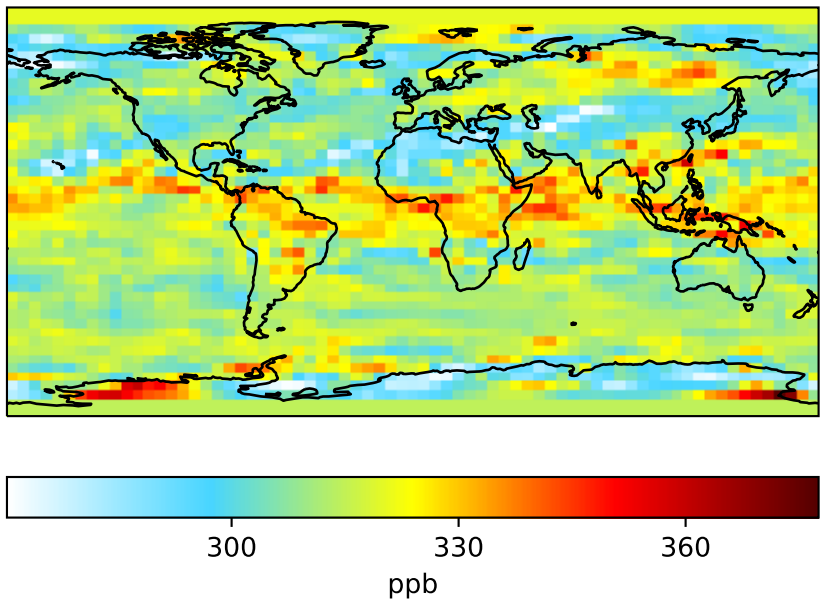


SpeciesConc_N2O (Oct2019)

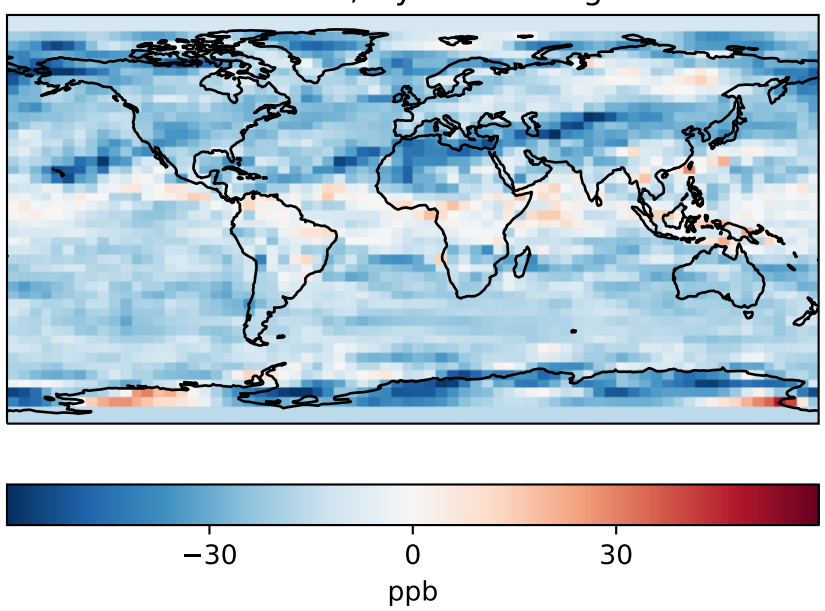
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



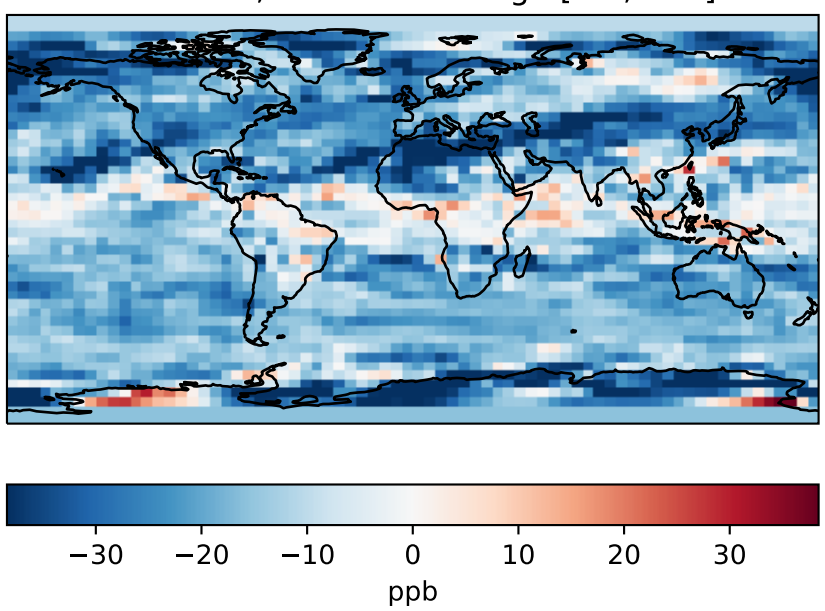
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



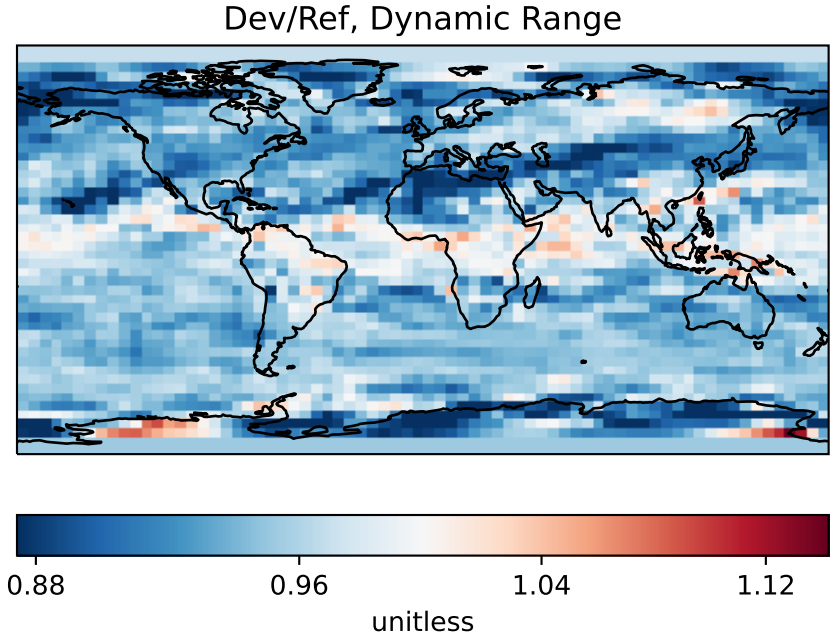
Difference
Dev - Ref, Dynamic Range



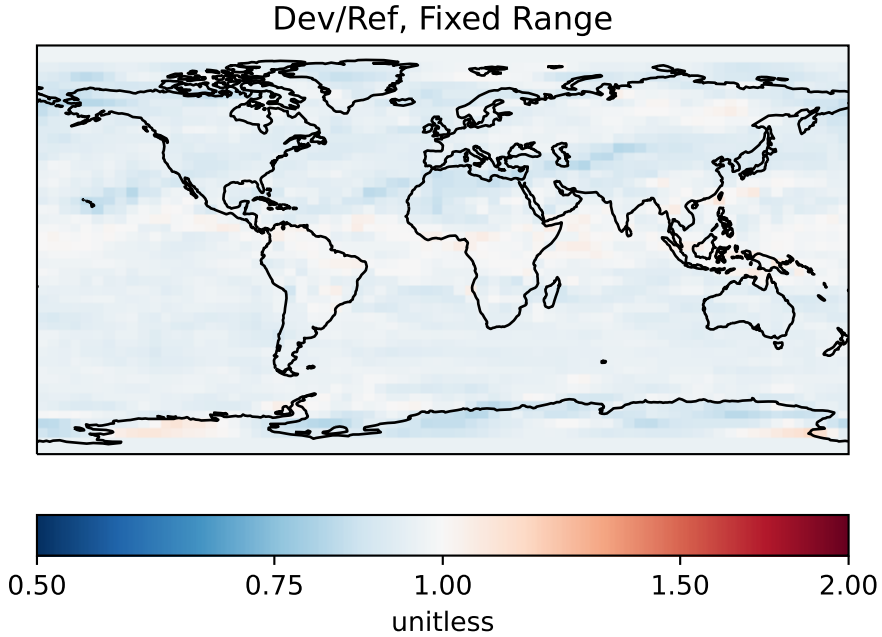
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

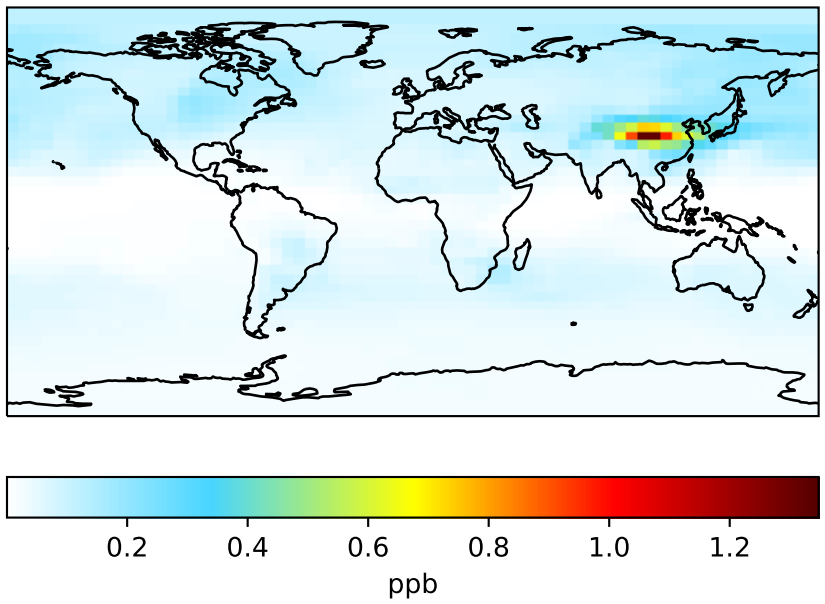


Ratio
Dev/Ref, Fixed Range

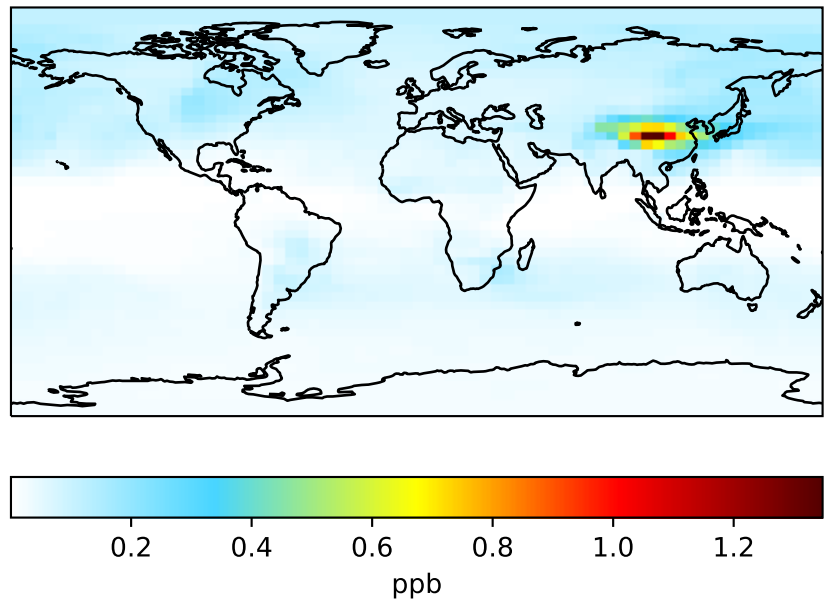


SpeciesConc_NHx (Oct2019)

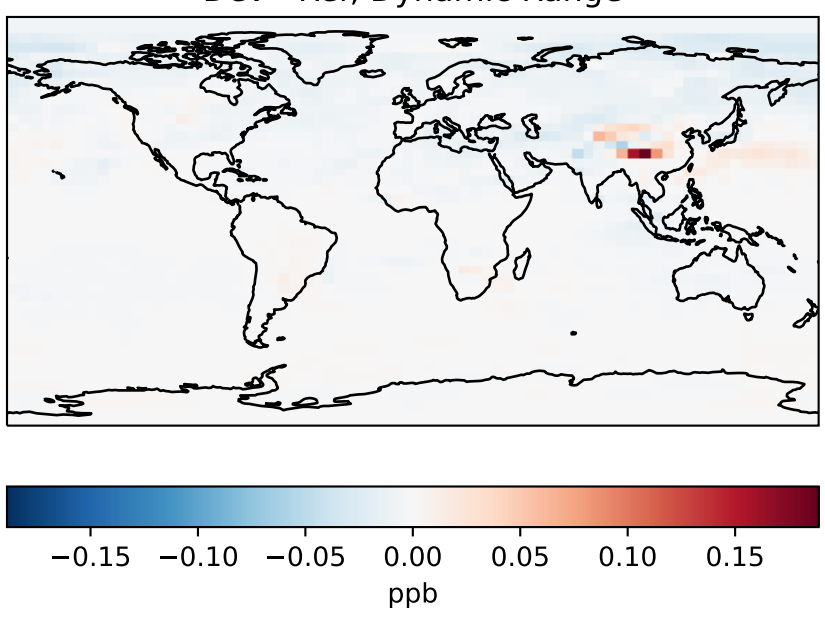
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



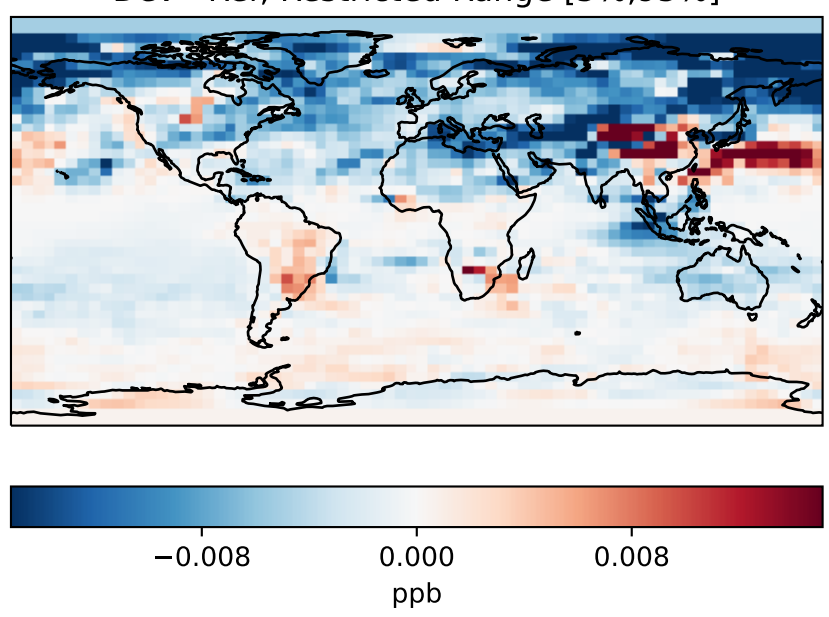
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



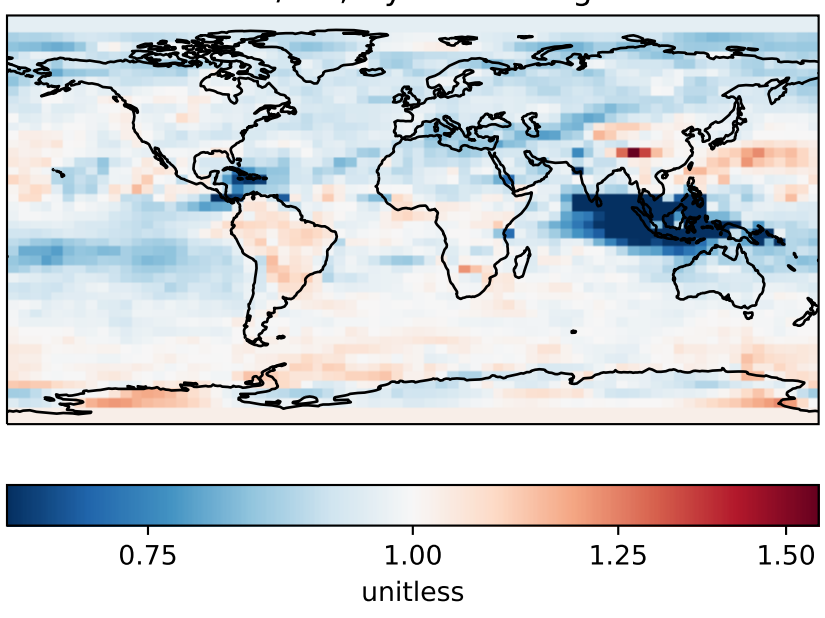
Difference
Dev - Ref, Dynamic Range



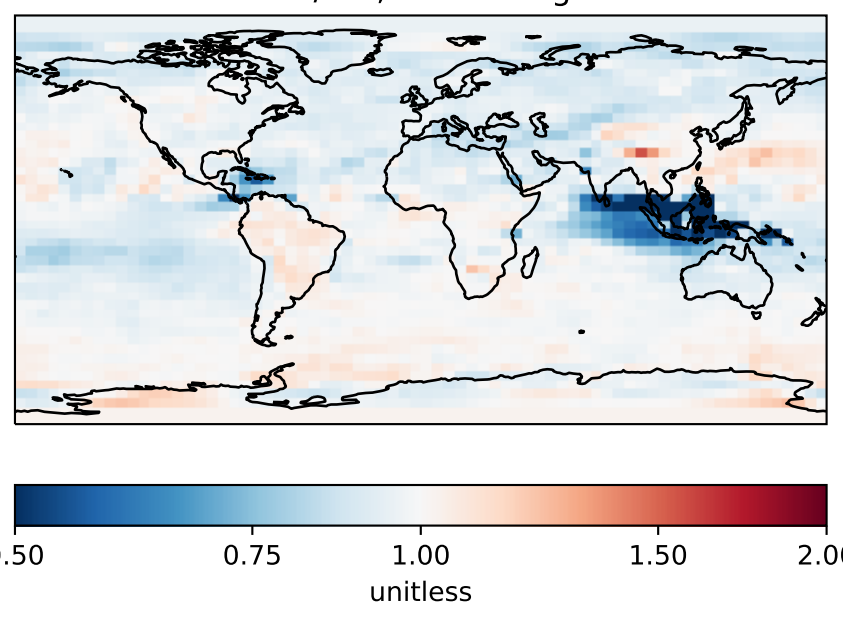
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

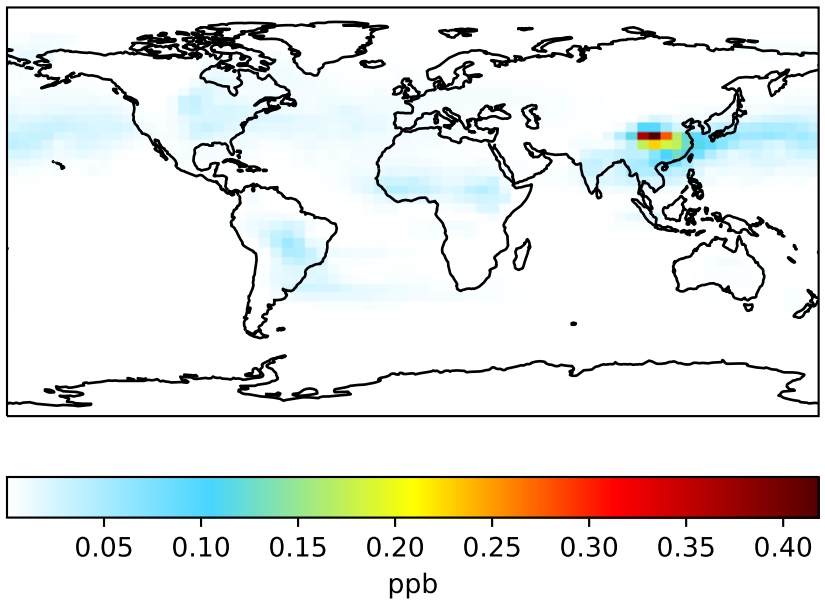


Ratio
Dev/Ref, Fixed Range

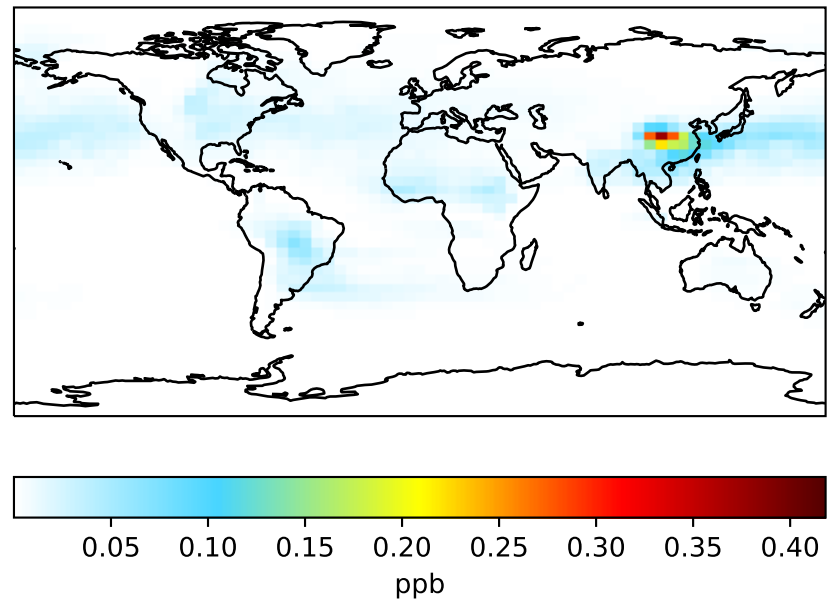


SpeciesConc_NH3 (Oct2019)

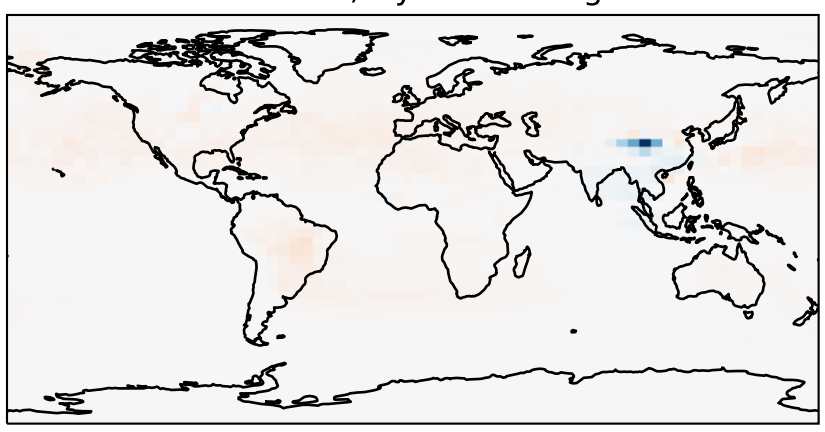
GCC_13.3.0-rc.0 (Ref)
4.0x5.0

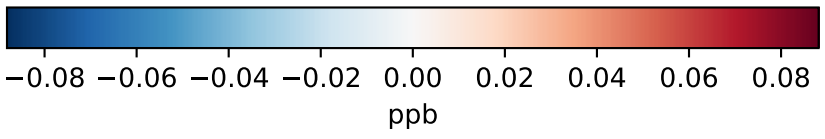


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

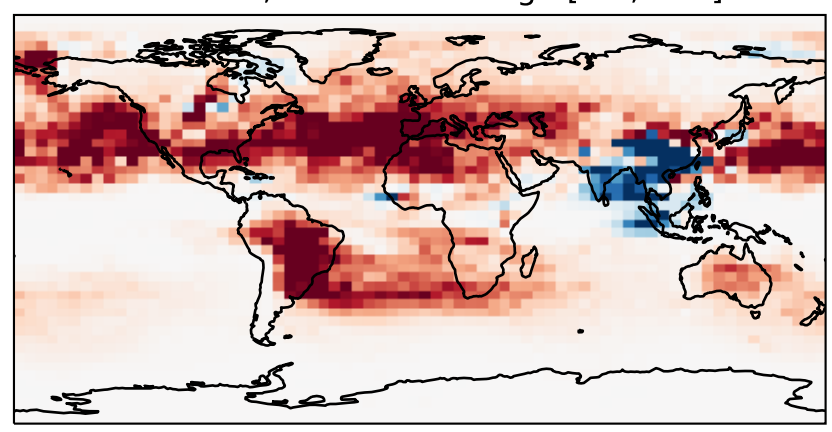


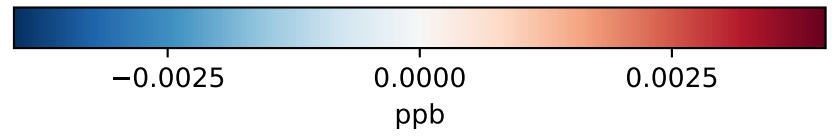
Difference
Dev - Ref, Dynamic Range



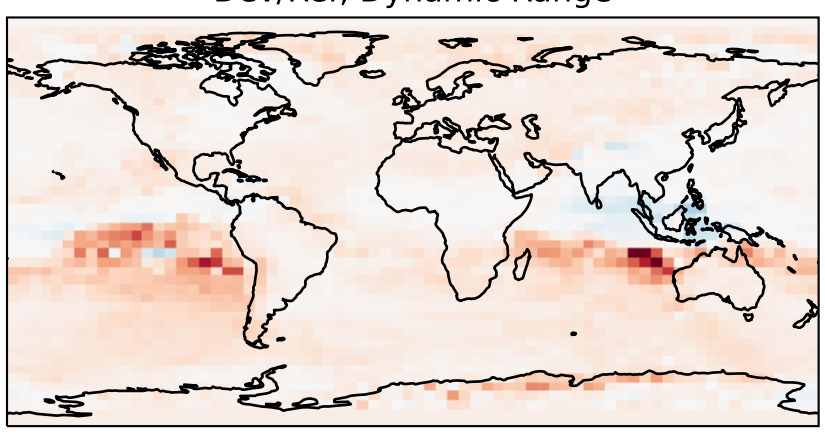


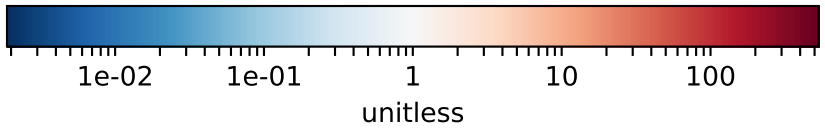
Difference
Dev - Ref, Restricted Range [5%,95%]



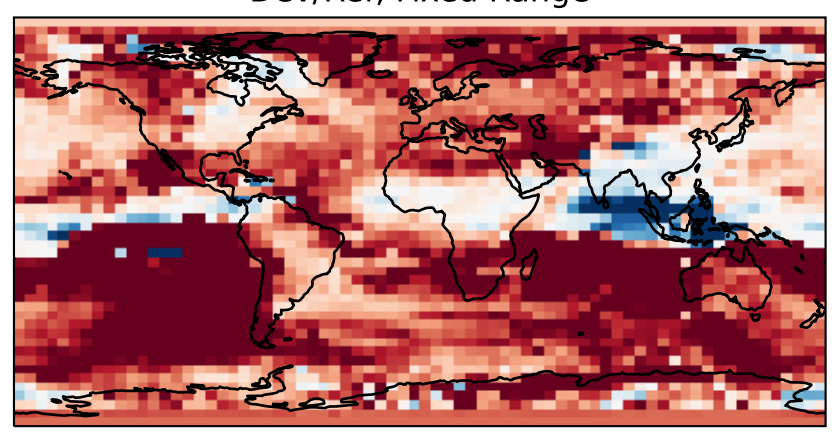


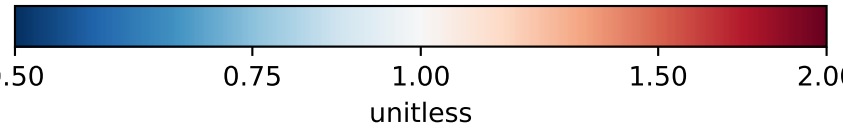
Ratio
Dev/Ref, Dynamic Range





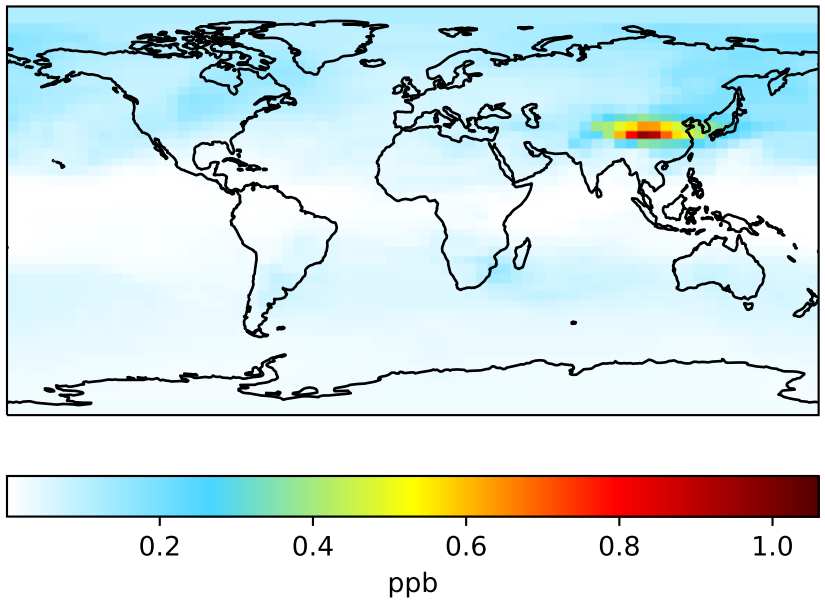
Ratio
Dev/Ref, Fixed Range



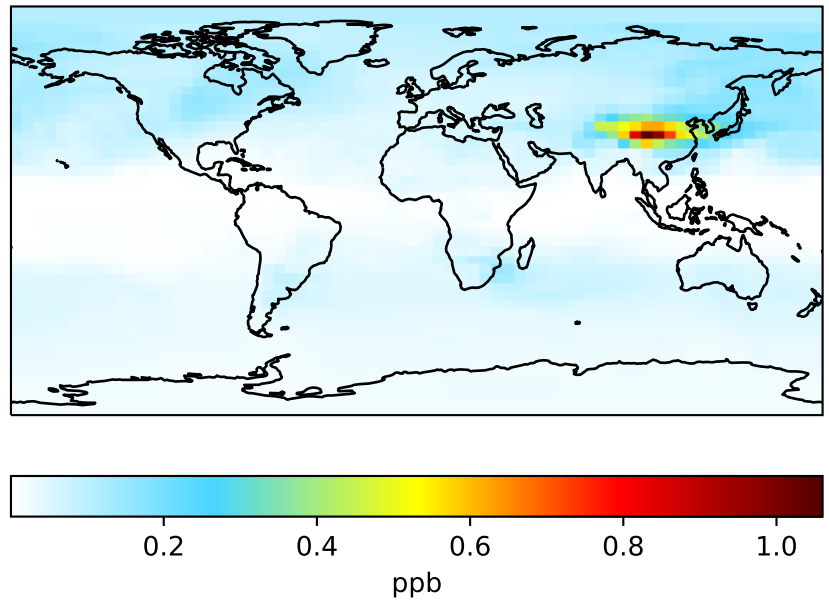


SpeciesConc_NH4 (Oct2019)

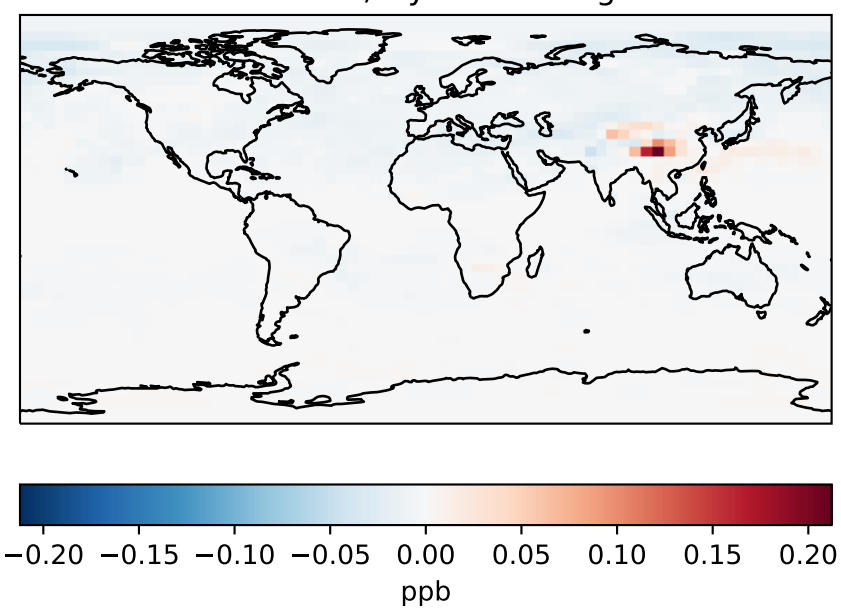
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



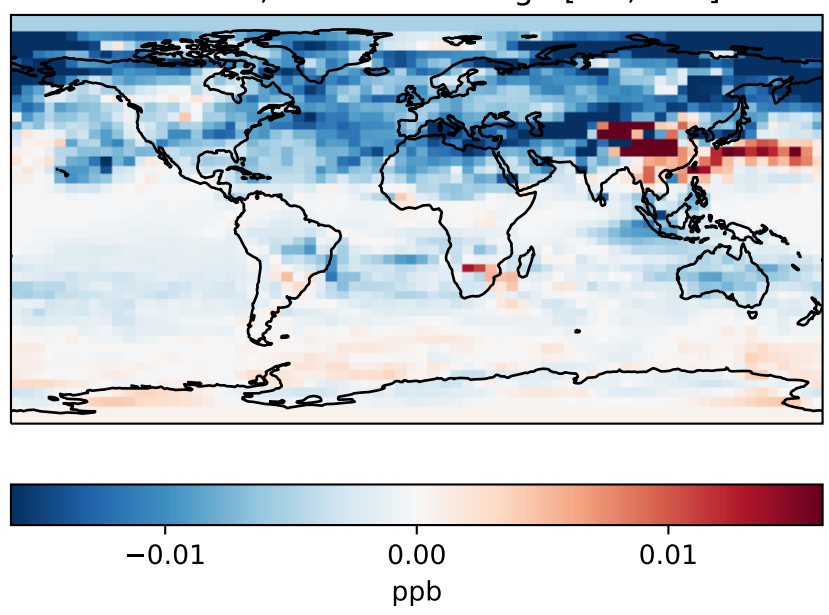
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



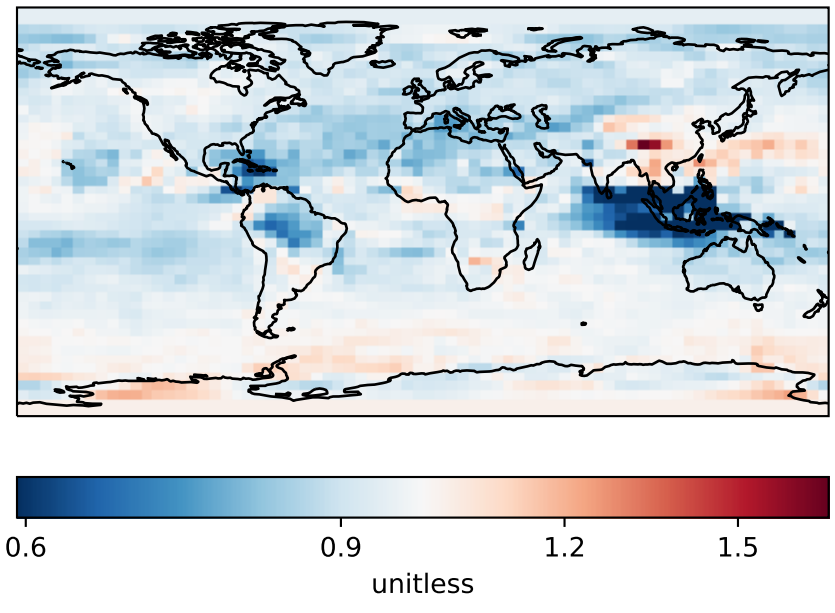
Difference
Dev - Ref, Dynamic Range



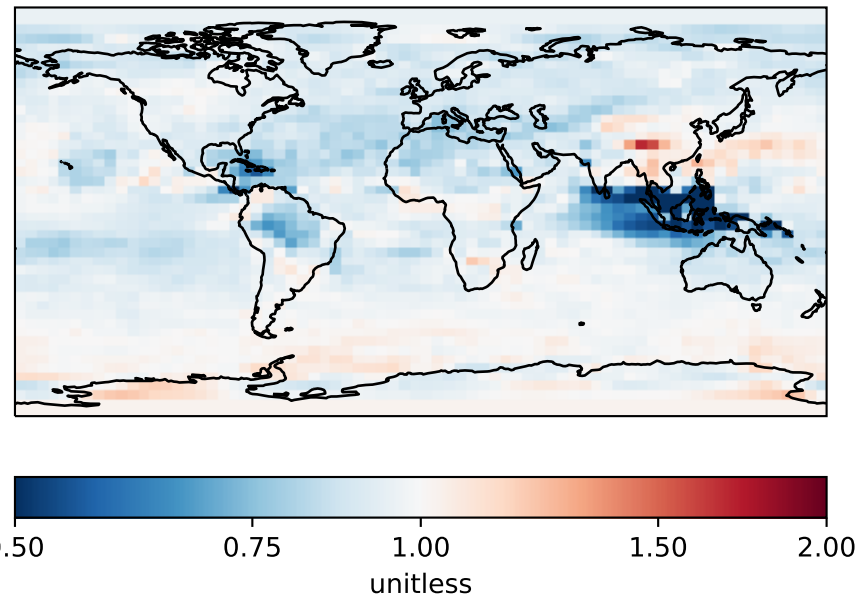
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

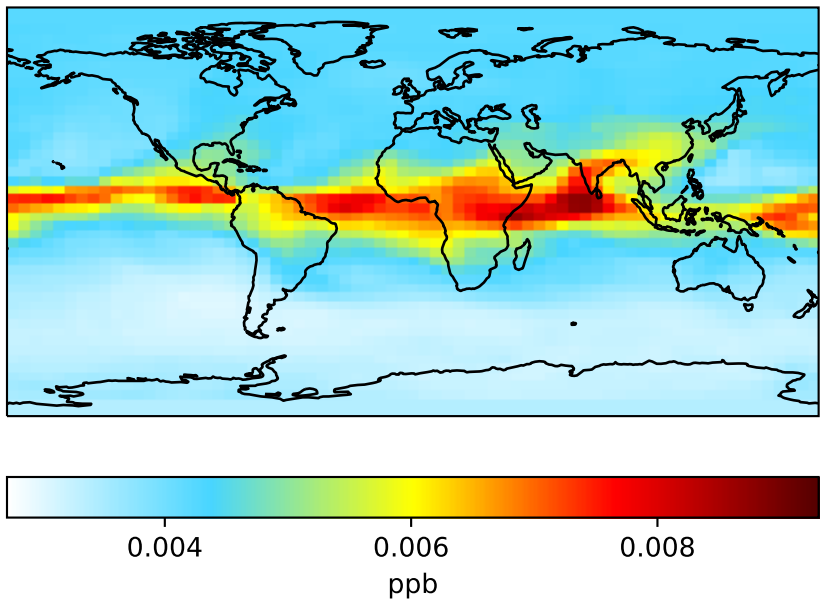


Ratio
Dev/Ref, Fixed Range

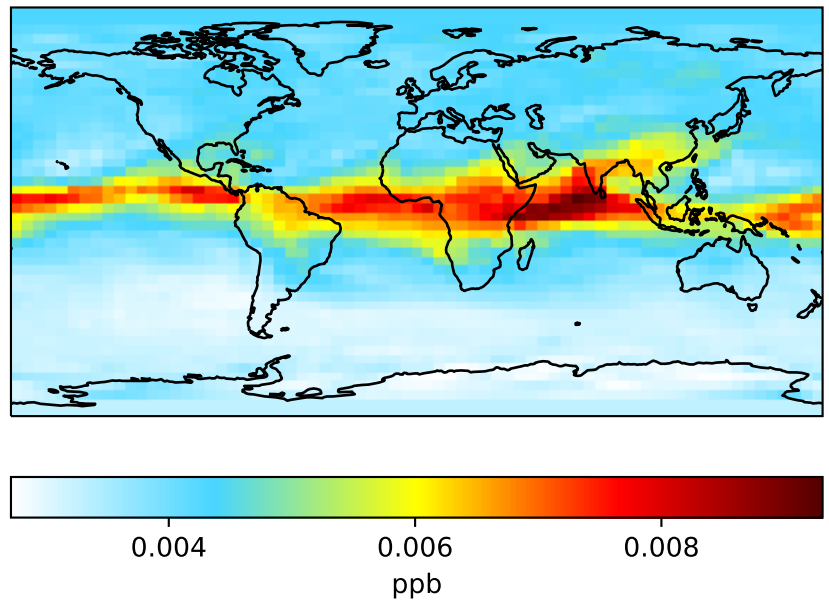


SpeciesConc_MENO3 (Oct2019)

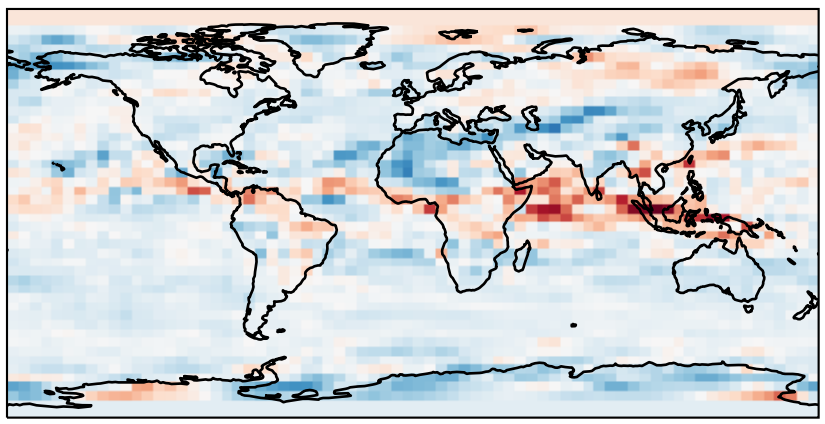
GCC_13.3.0-rc.0 (Ref)
4.0x5.0

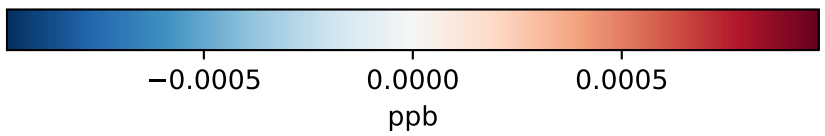


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

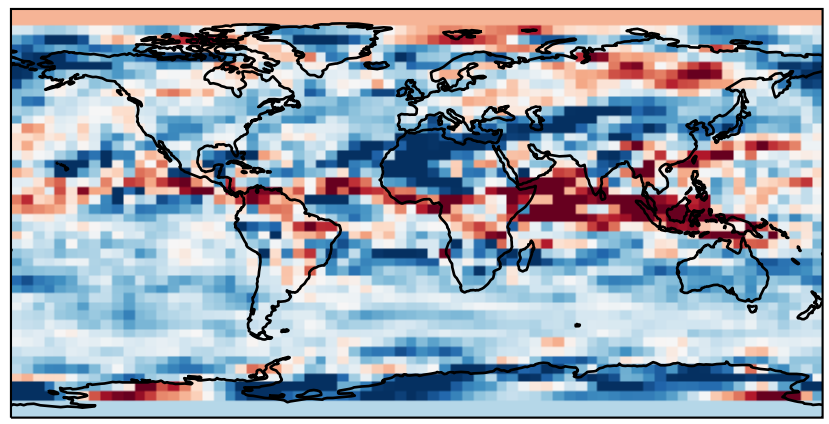


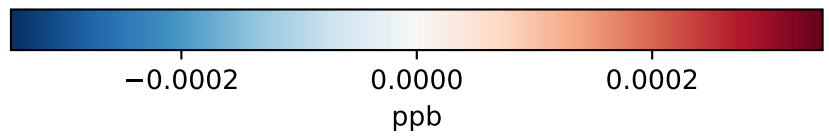
Difference
Dev - Ref, Dynamic Range



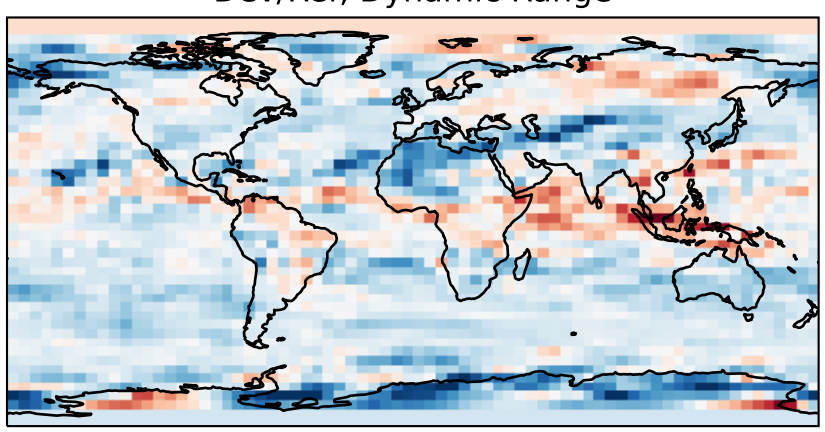


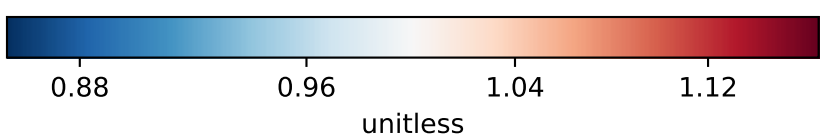
Difference
Dev - Ref, Restricted Range [5%,95%]



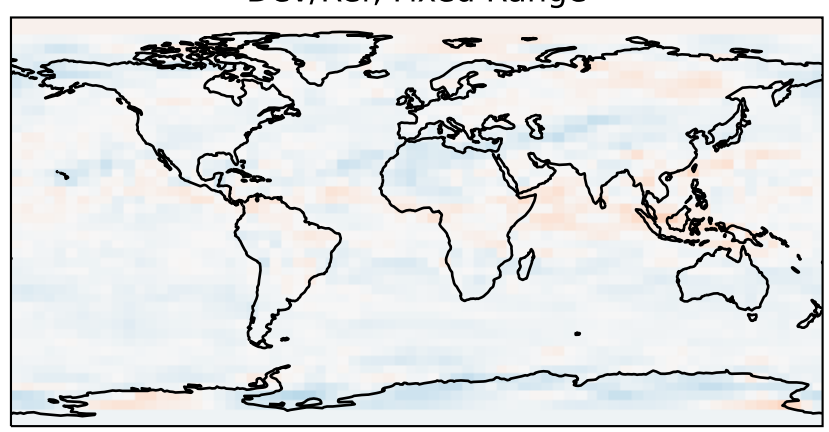


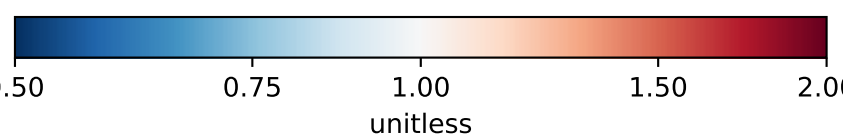
Ratio
Dev/Ref, Dynamic Range





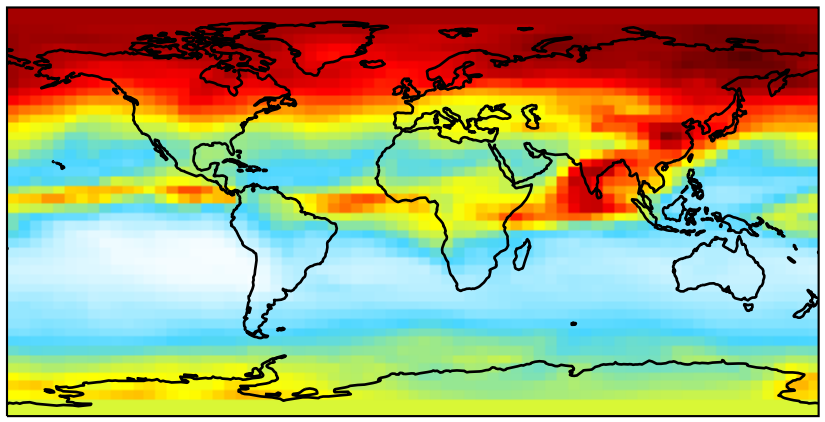
Ratio
Dev/Ref, Fixed Range

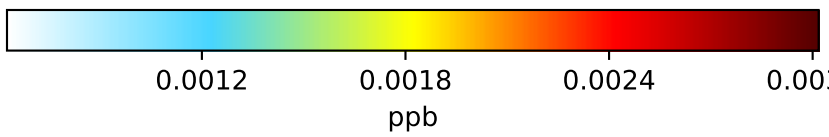




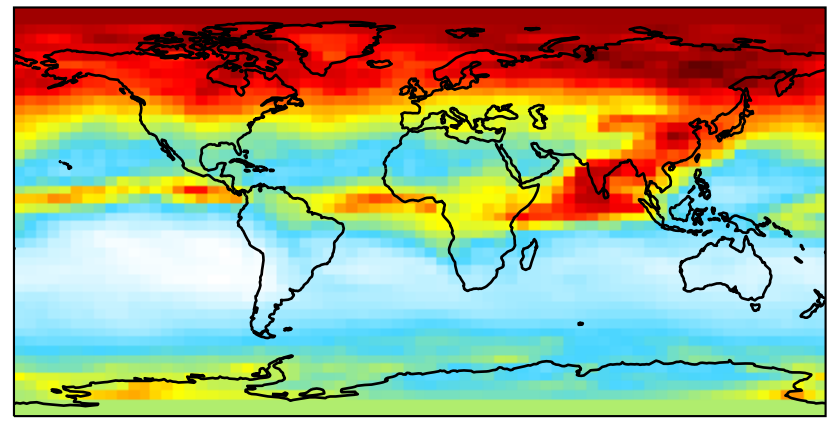
SpeciesConc_ETNO3 (Oct2019)

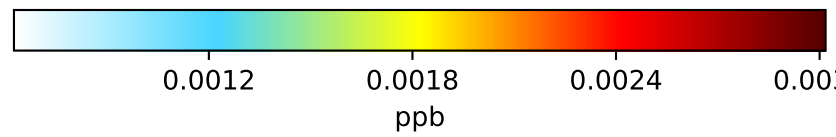
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



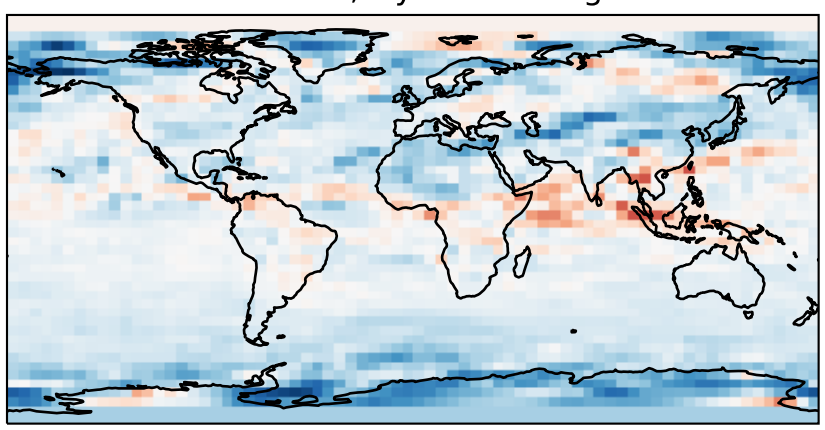


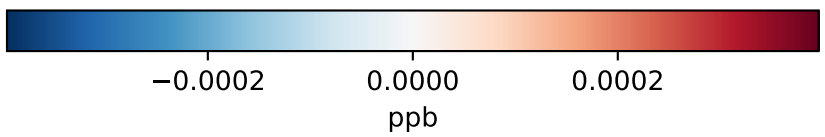
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



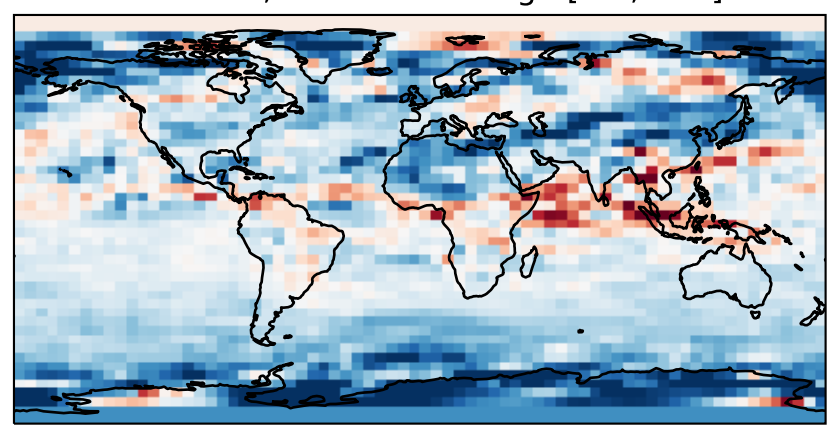


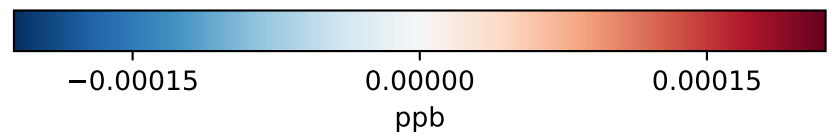
Difference
Dev - Ref, Dynamic Range



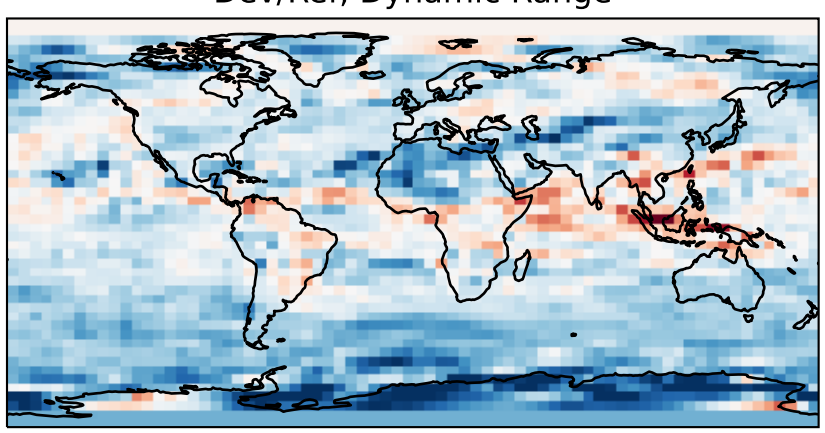


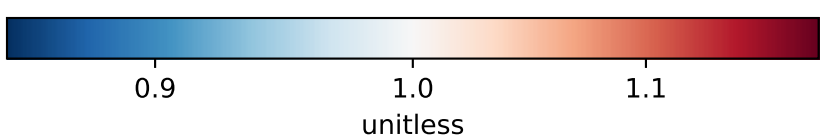
Difference
Dev - Ref, Restricted Range [5%,95%]



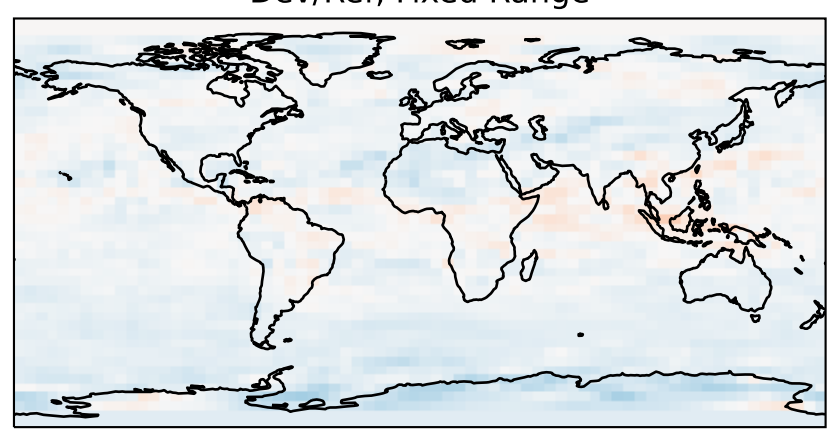


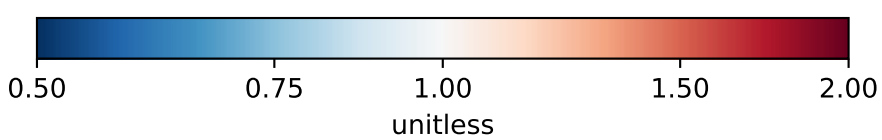
Ratio
Dev/Ref, Dynamic Range





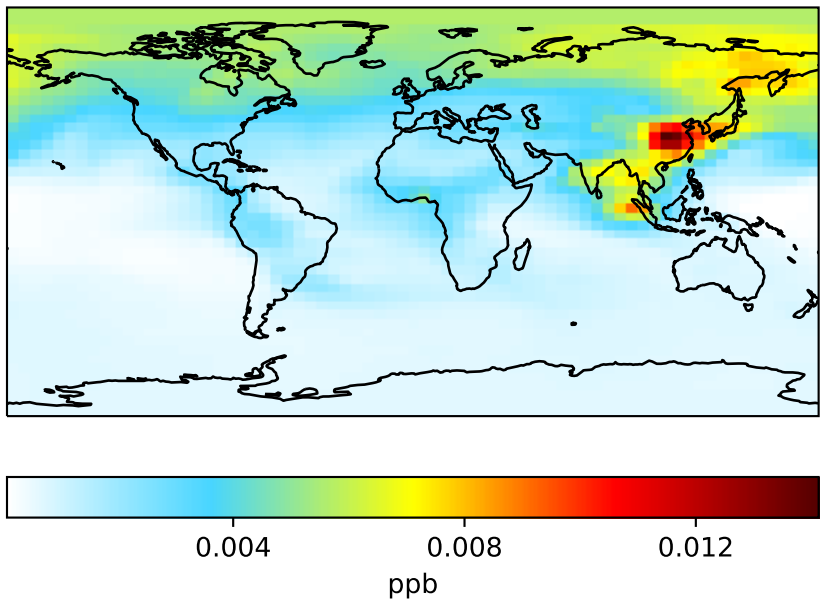
Ratio
Dev/Ref, Fixed Range



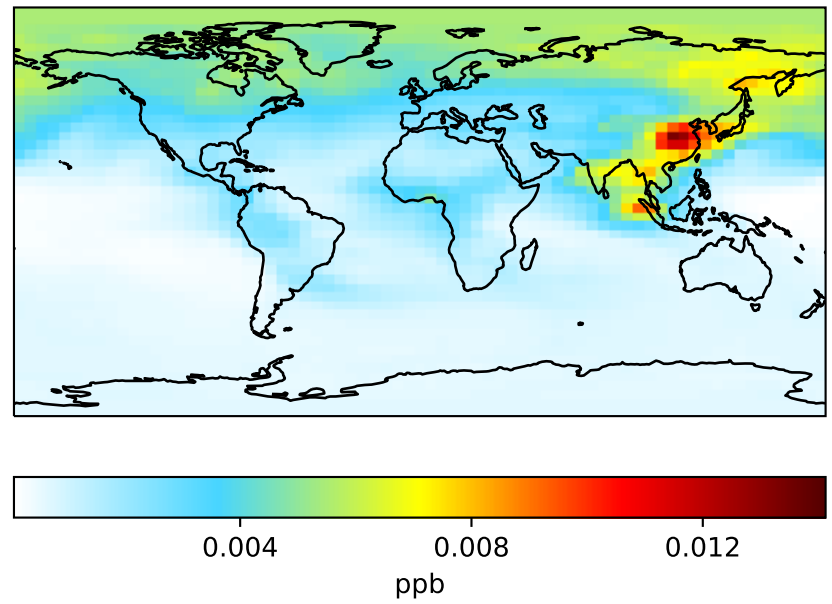


SpeciesConc_IPRNO3 (Oct2019)

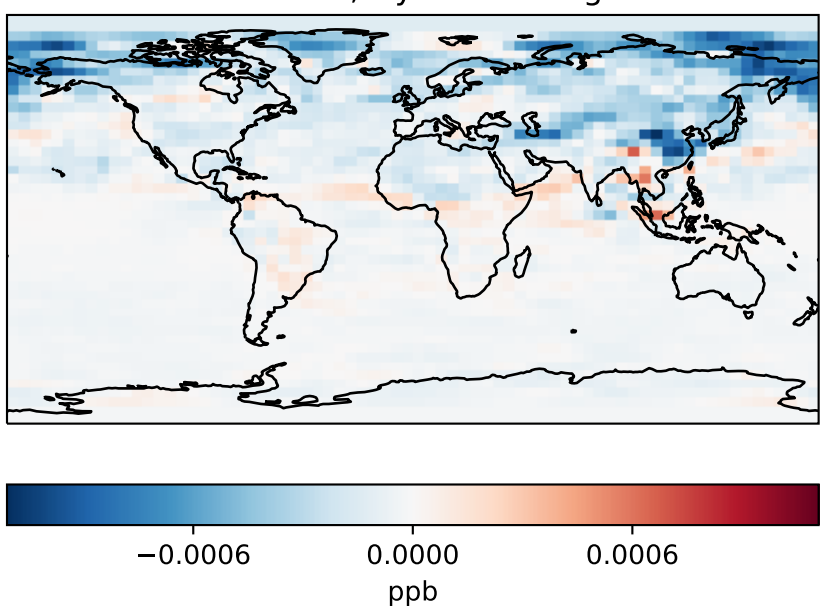
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



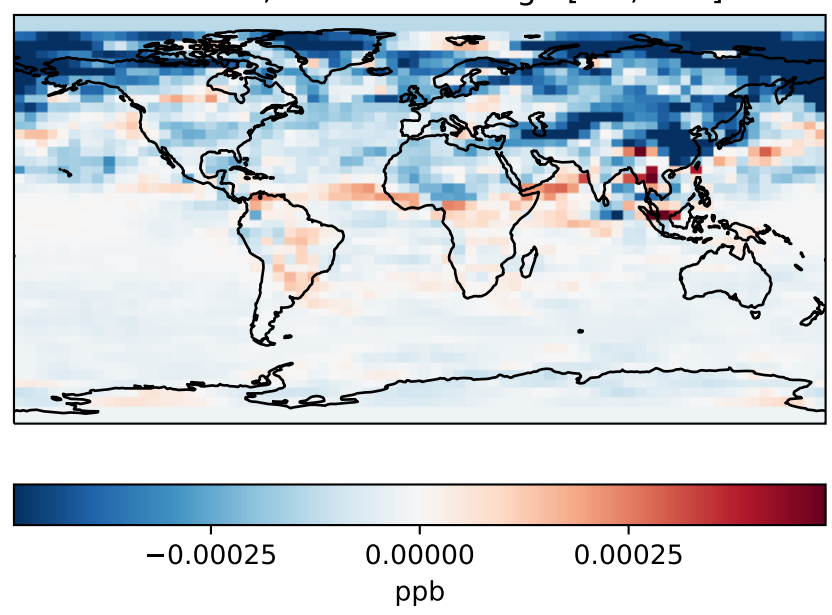
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



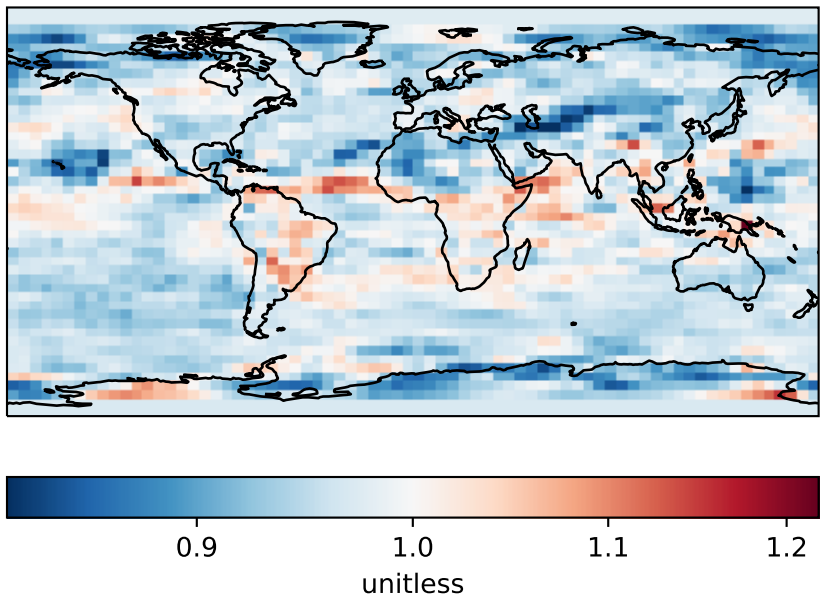
Difference
Dev - Ref, Dynamic Range



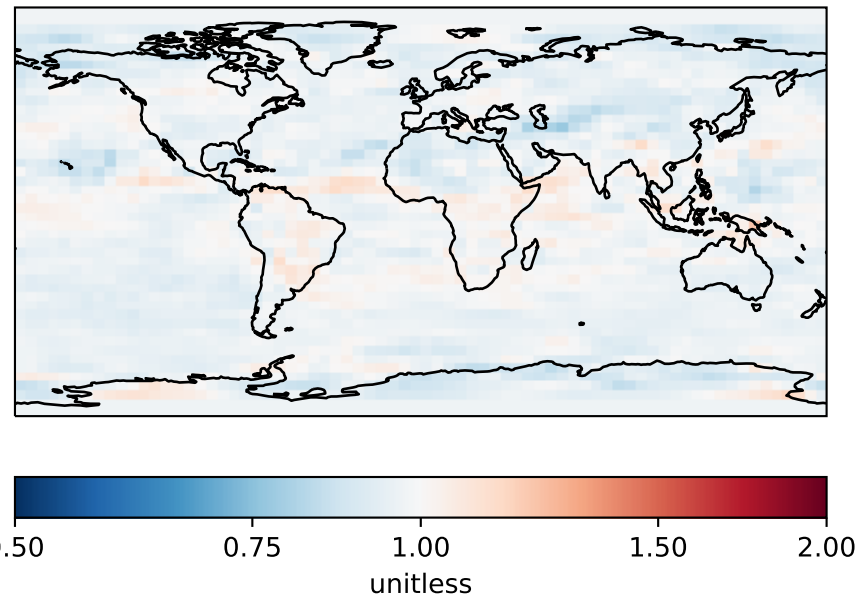
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

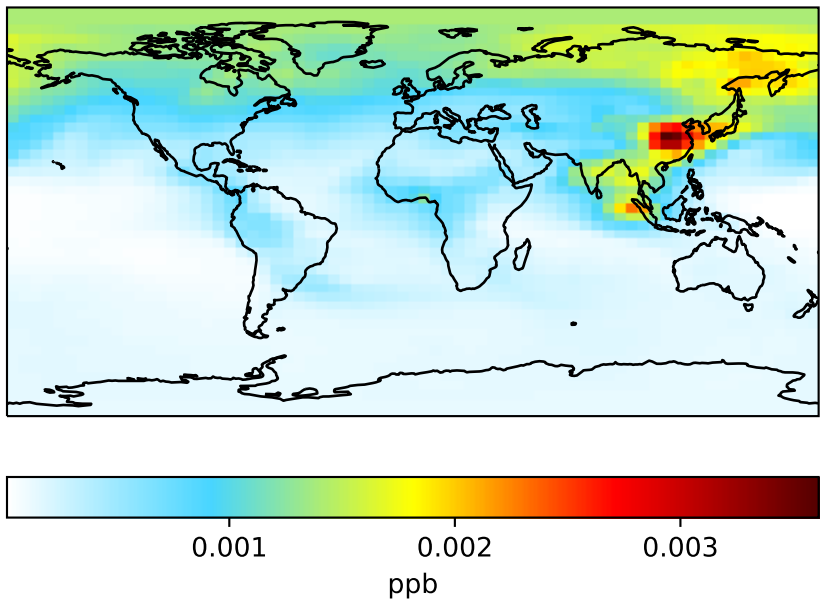


Ratio
Dev/Ref, Fixed Range

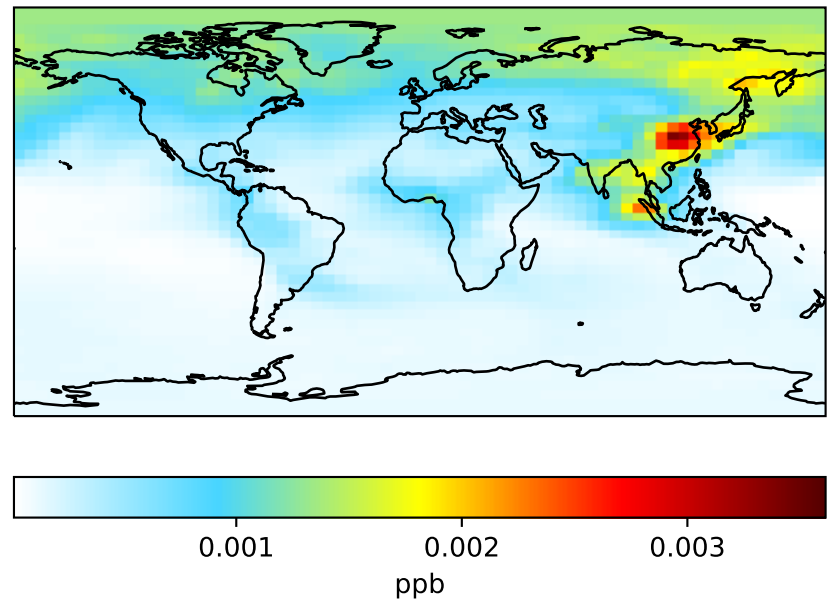


SpeciesConc_NPRNO3 (Oct2019)

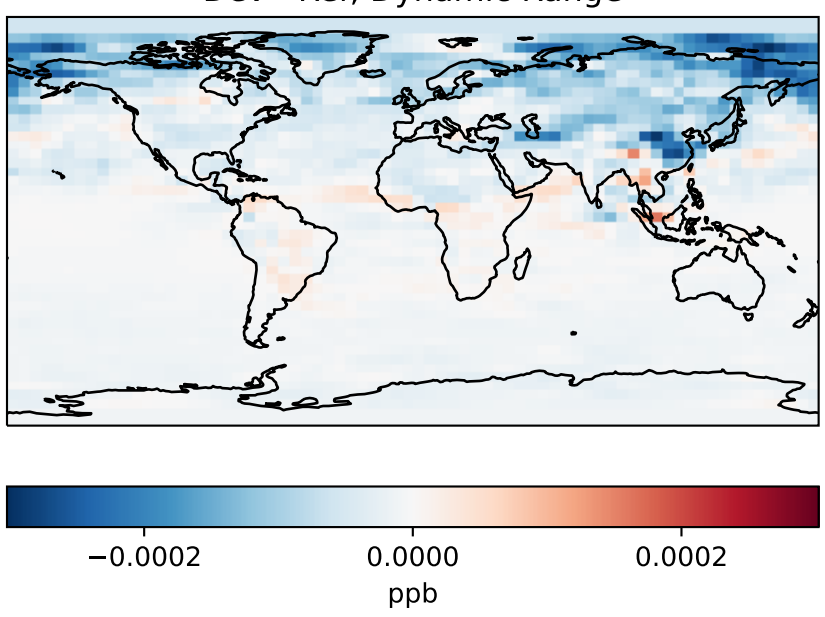
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



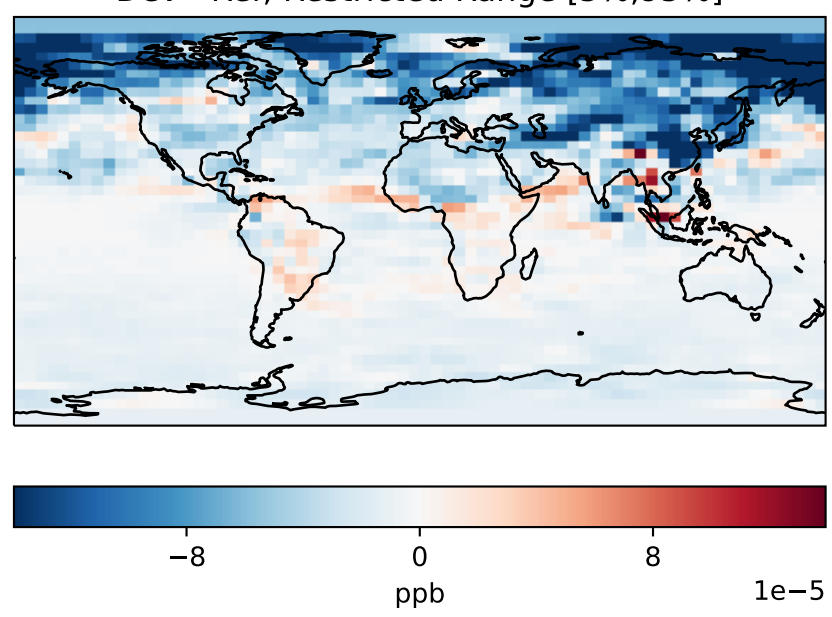
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



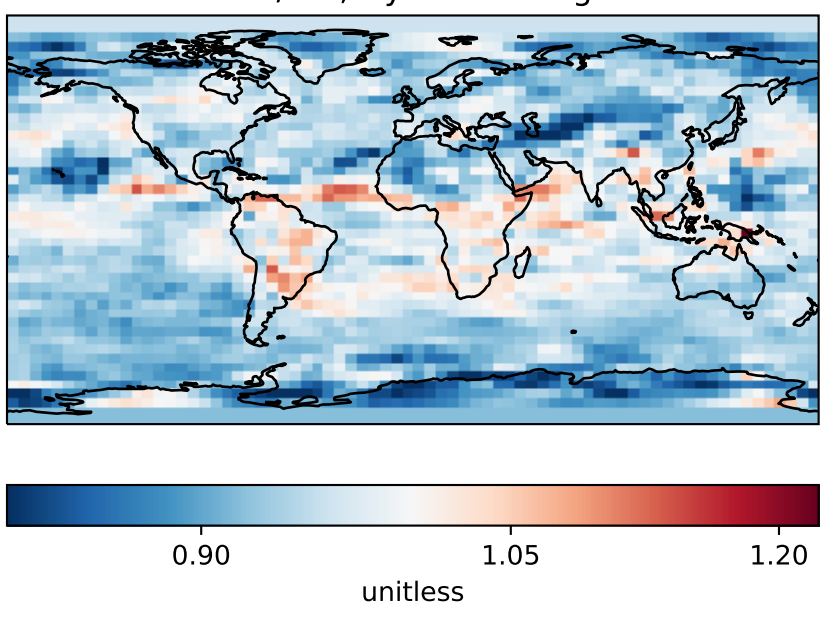
Difference
Dev - Ref, Dynamic Range



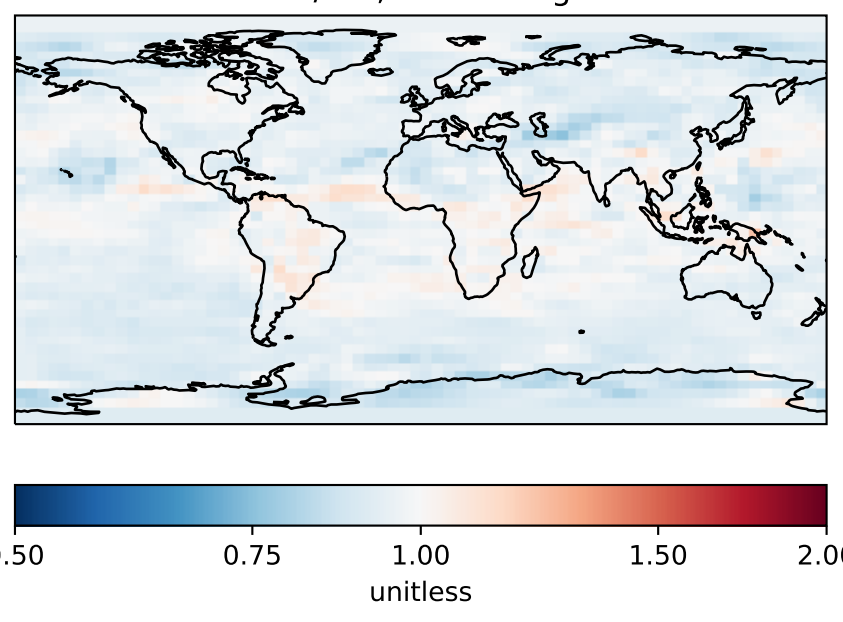
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

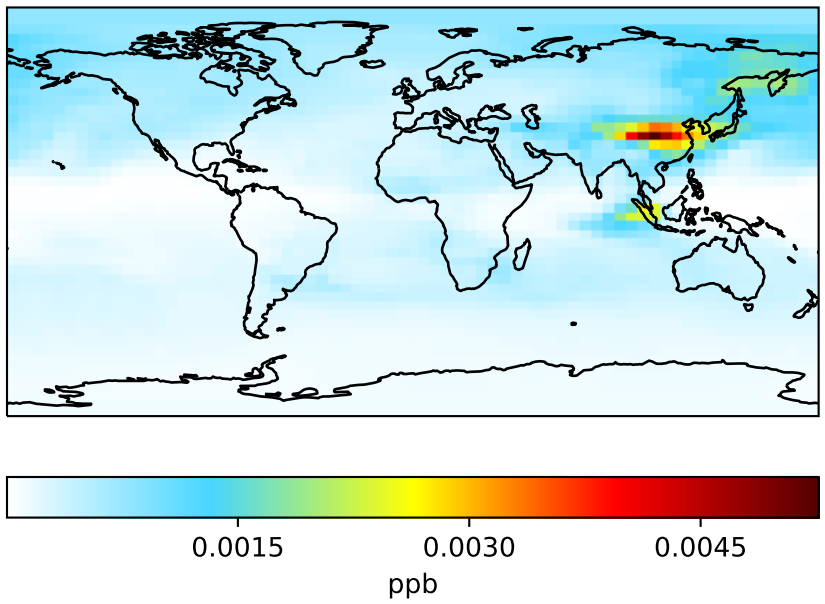


Ratio
Dev/Ref, Fixed Range

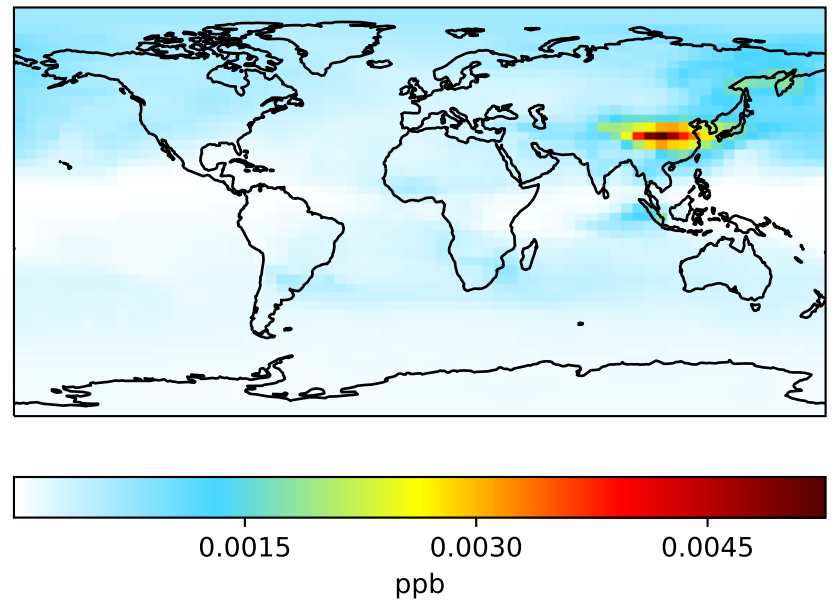


SpeciesConc_AONITA (Oct2019)

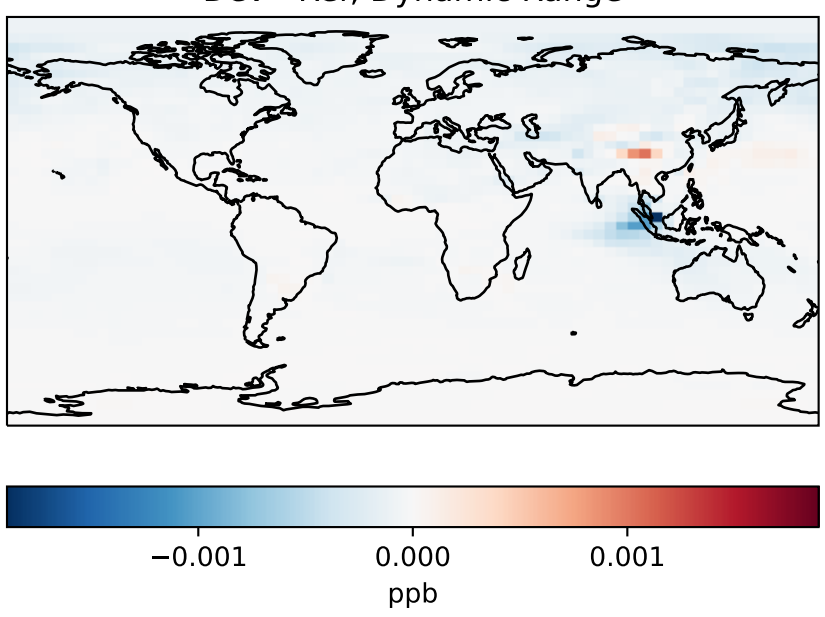
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



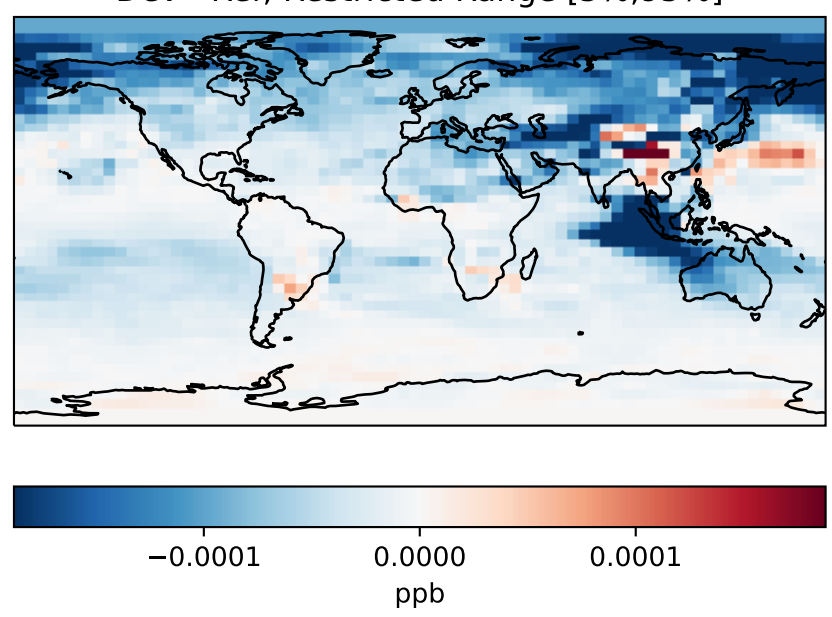
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



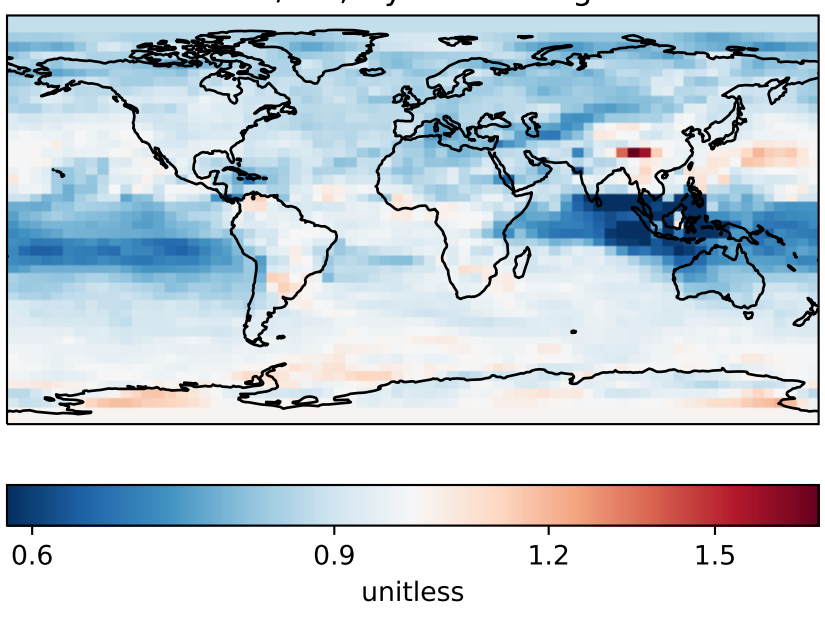
Difference
Dev - Ref, Dynamic Range



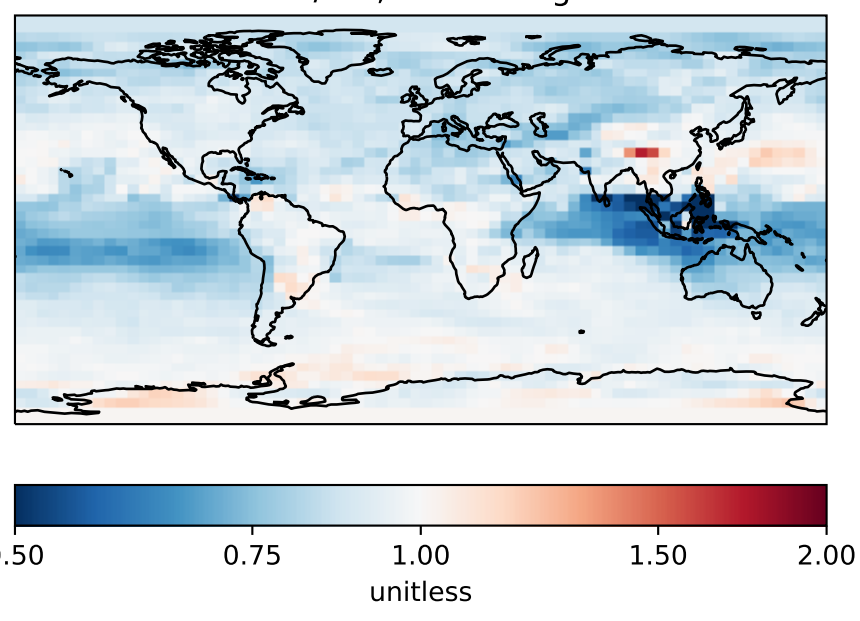
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

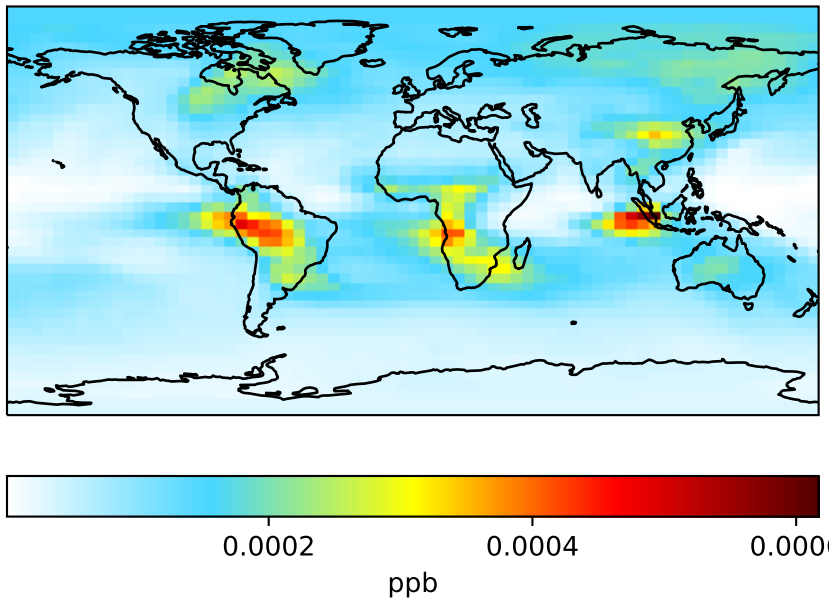


Ratio
Dev/Ref, Fixed Range

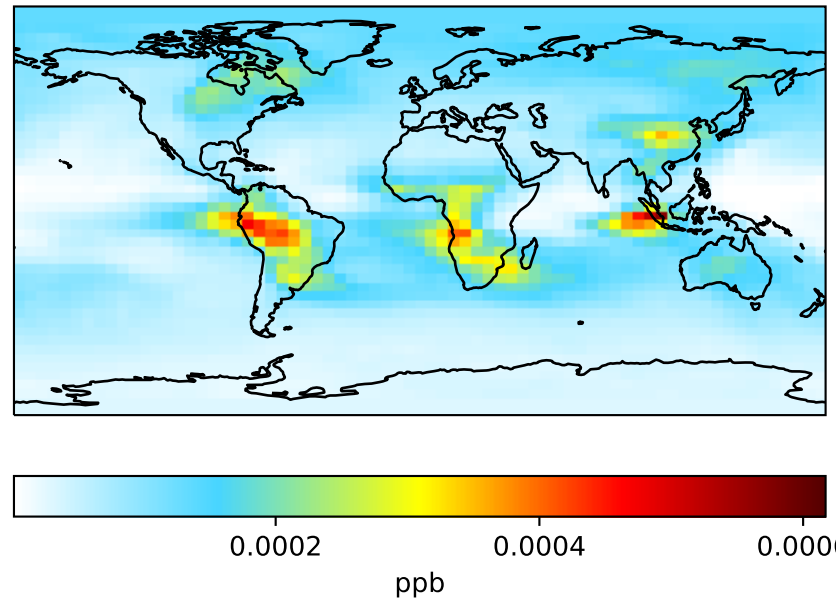


SpeciesConc_ETHN (Oct2019)

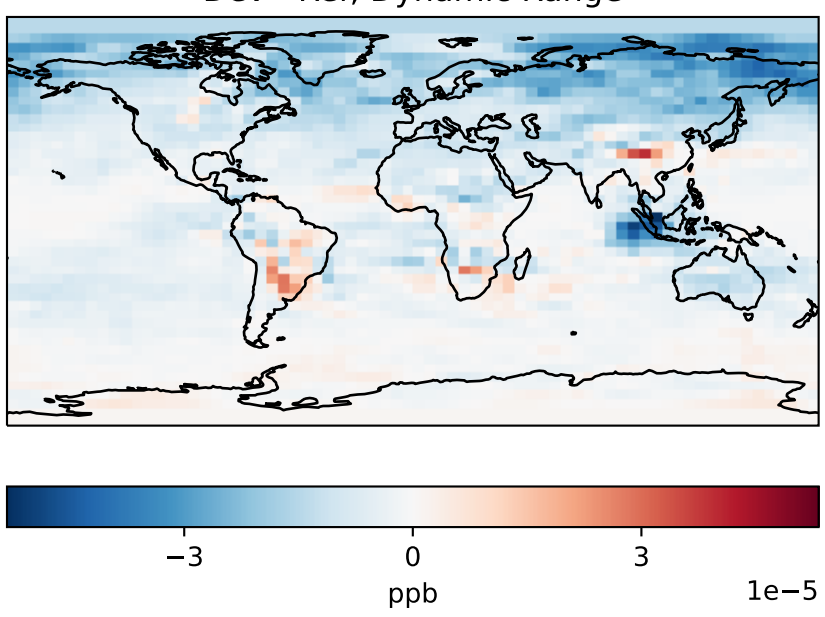
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



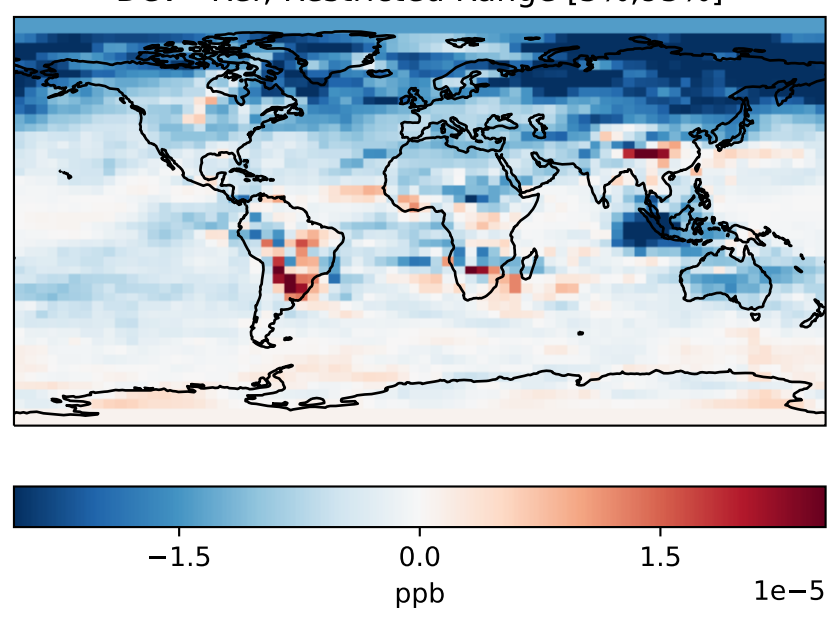
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



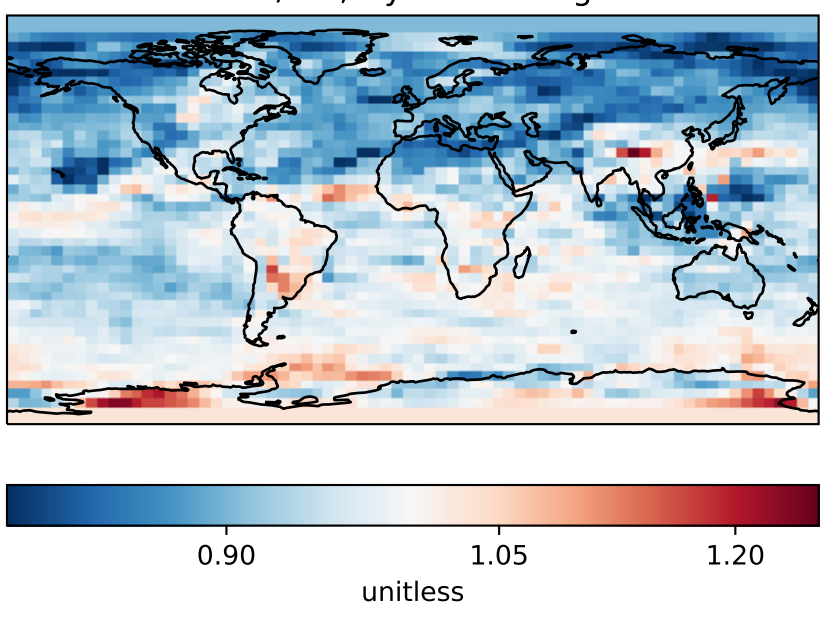
Difference
Dev - Ref, Dynamic Range



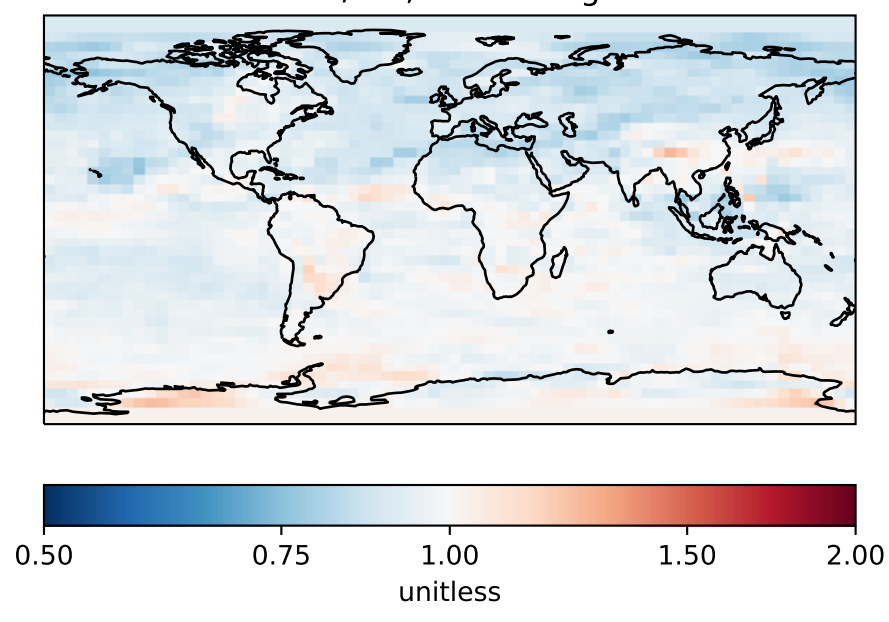
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

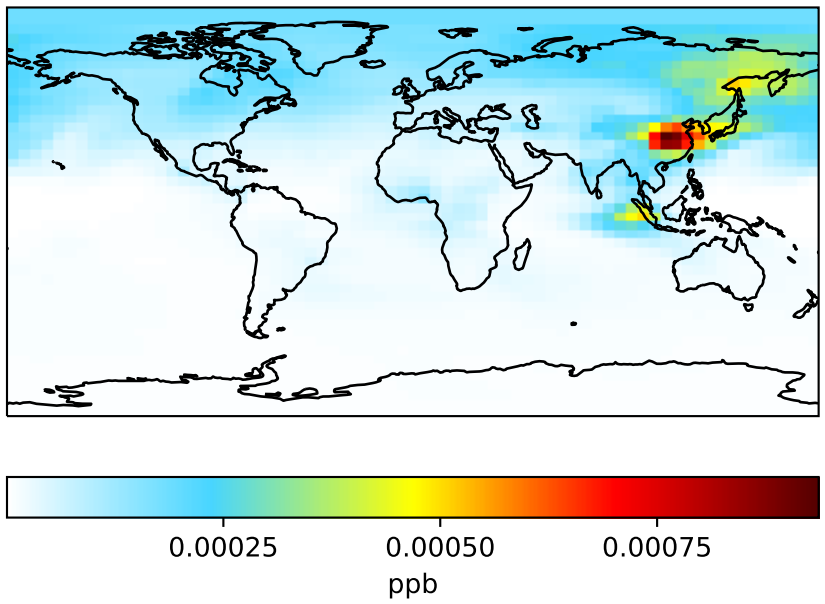


Ratio
Dev/Ref, Fixed Range

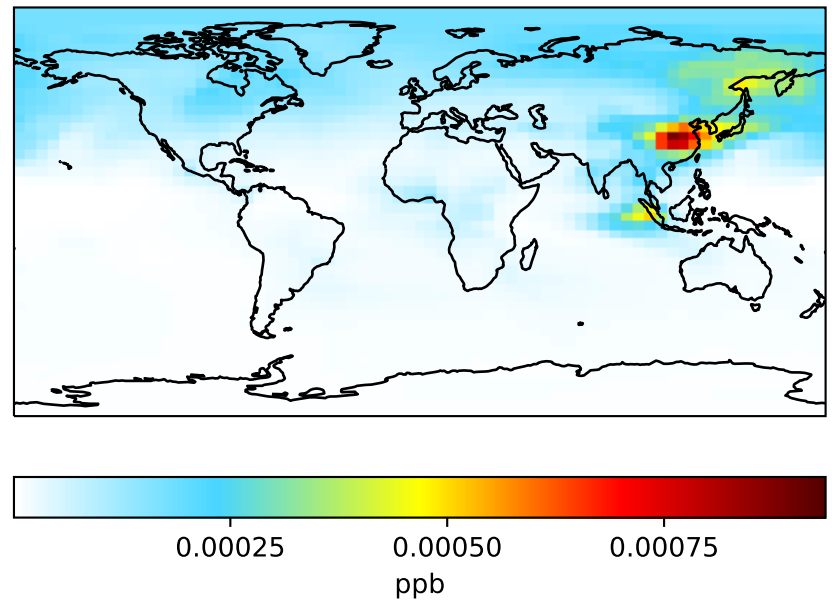


SpeciesConc_BZPAN (Oct2019)

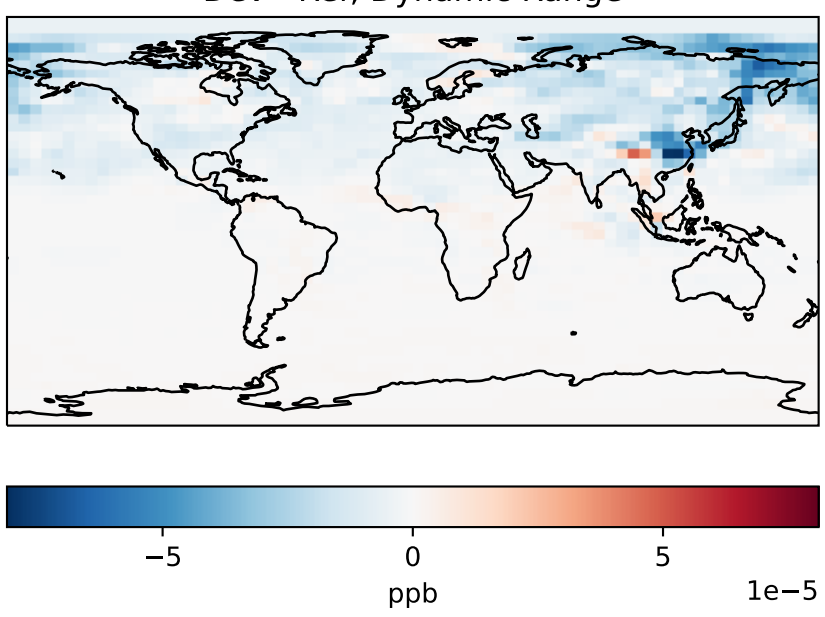
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



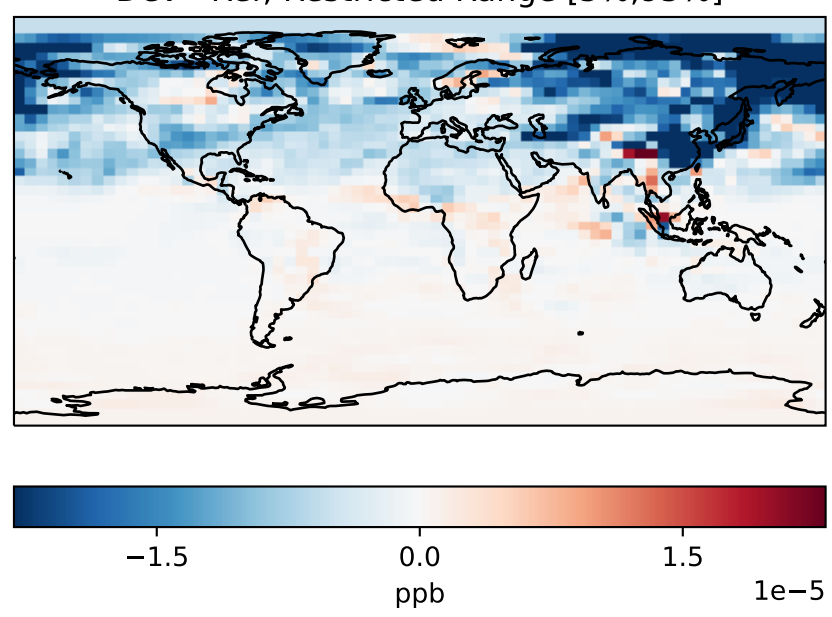
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



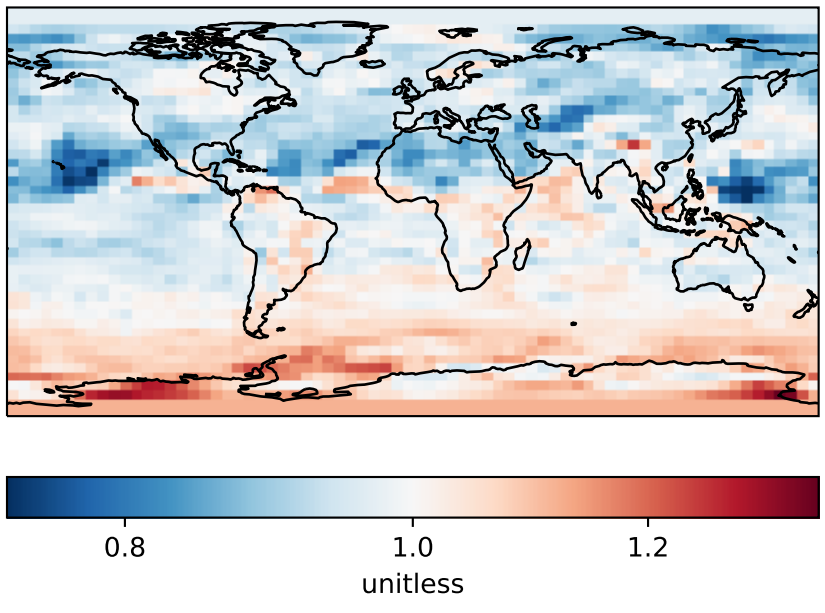
Difference
Dev - Ref, Dynamic Range



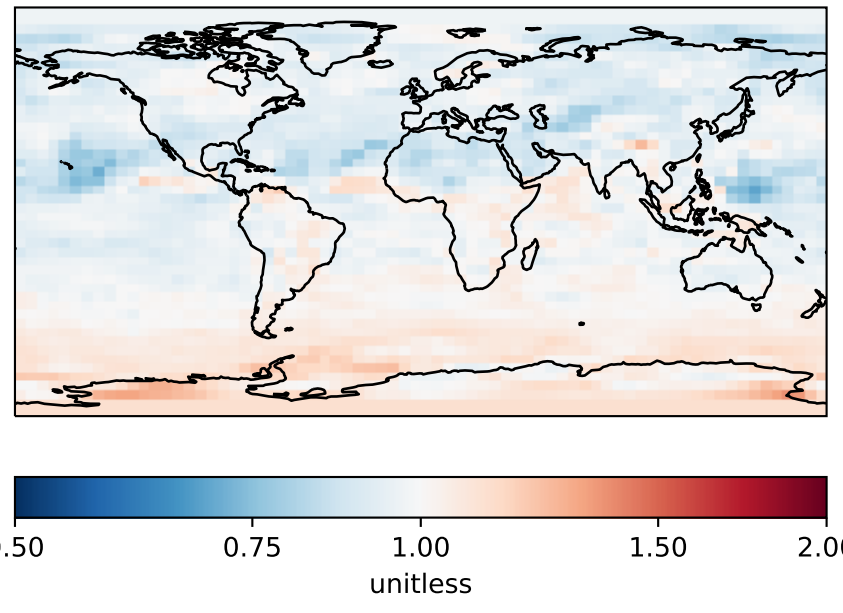
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

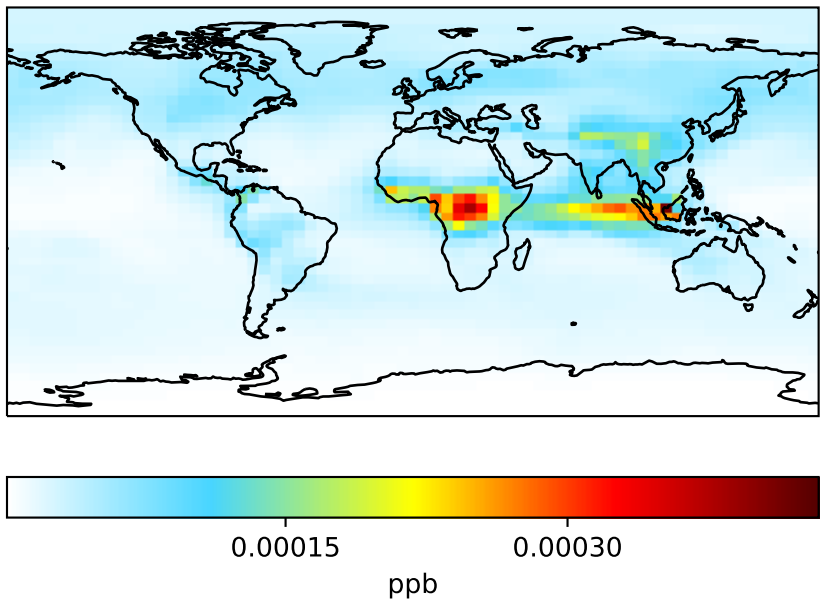


Ratio
Dev/Ref, Fixed Range

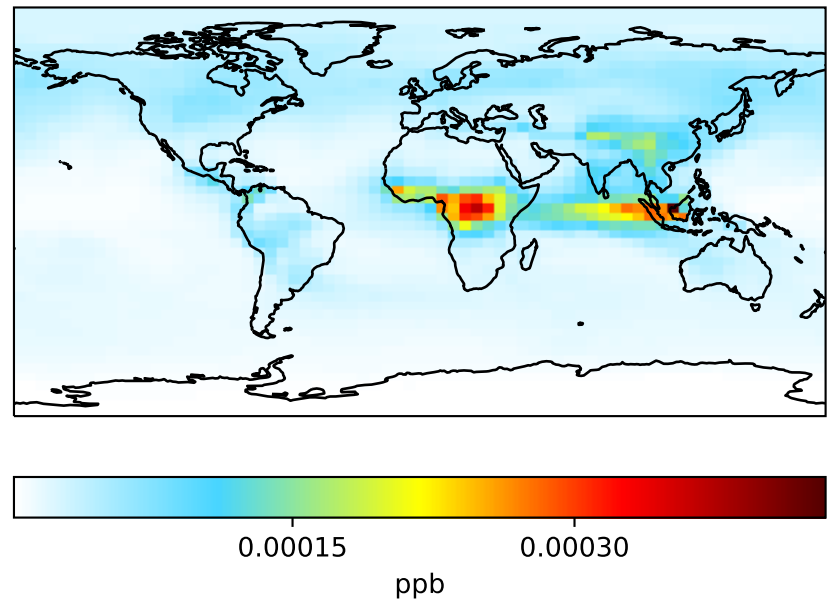


SpeciesConc_NPHEN (Oct2019)

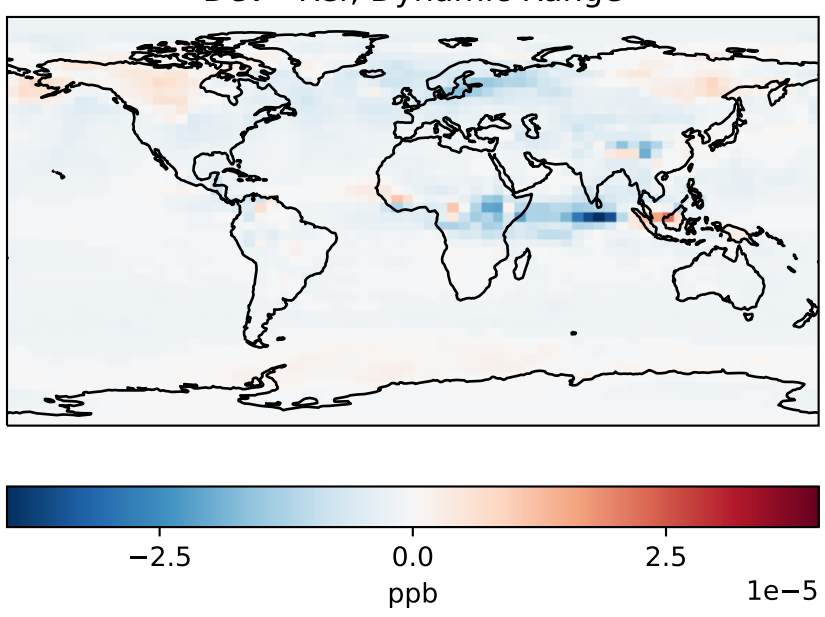
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



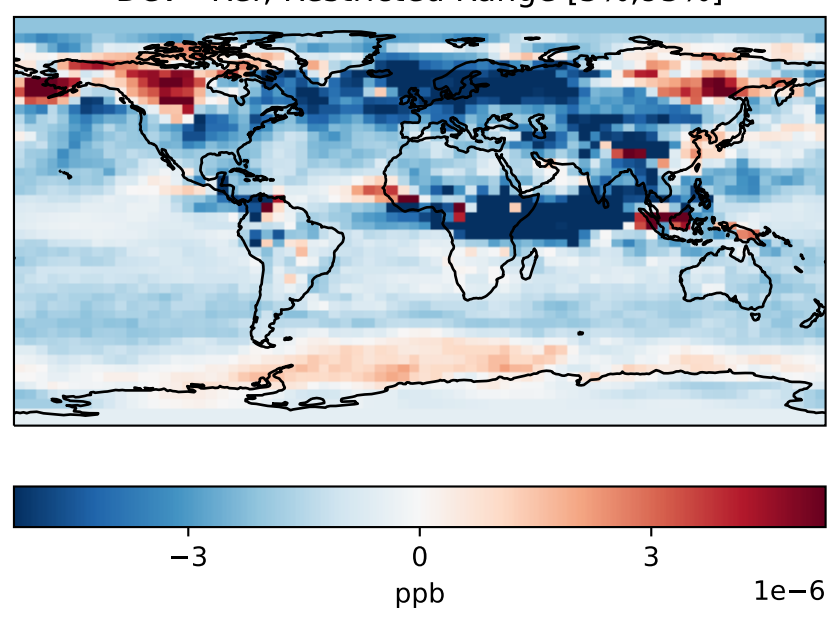
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



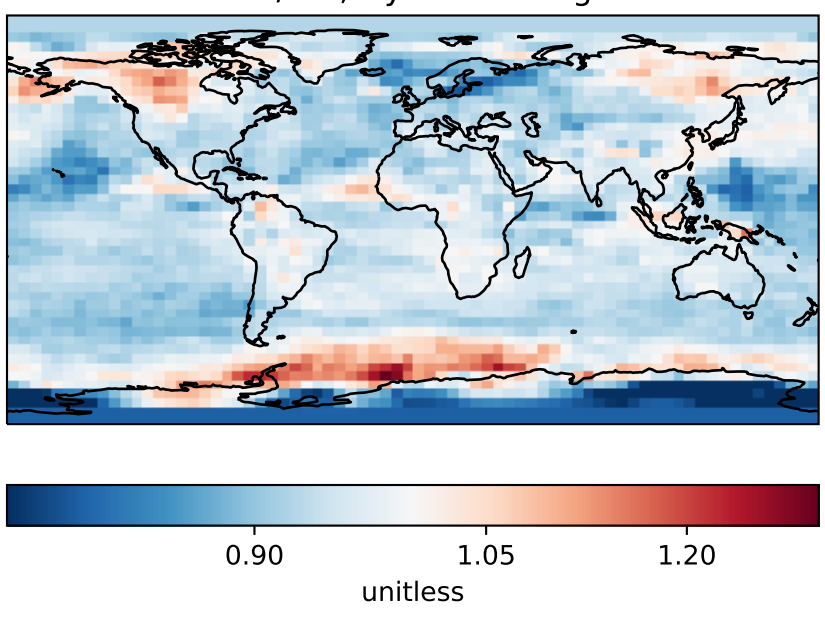
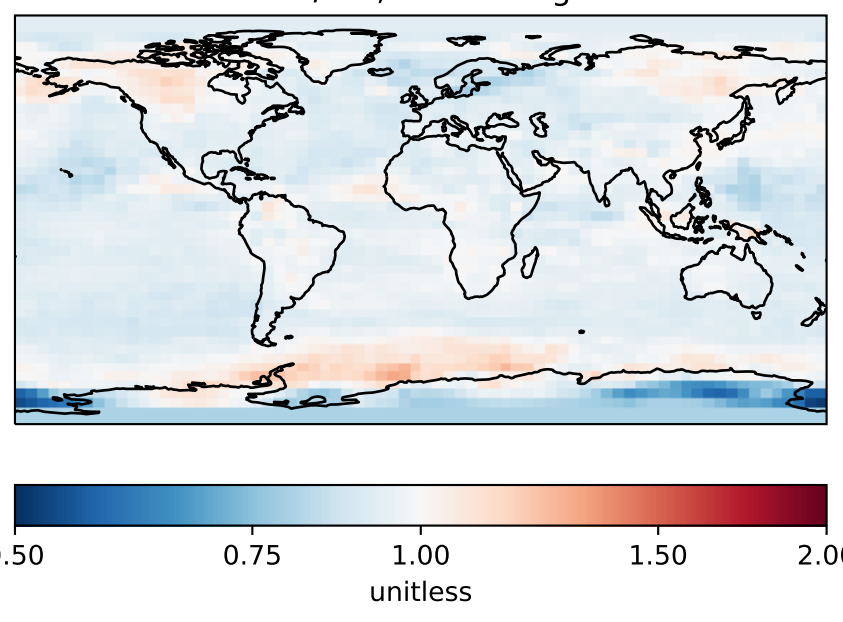
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range