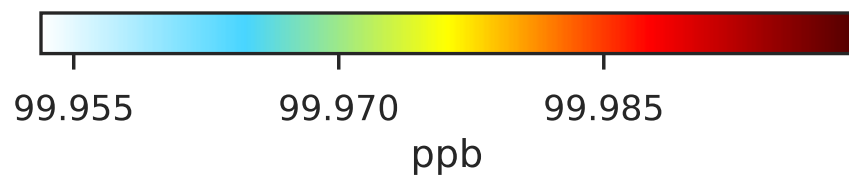
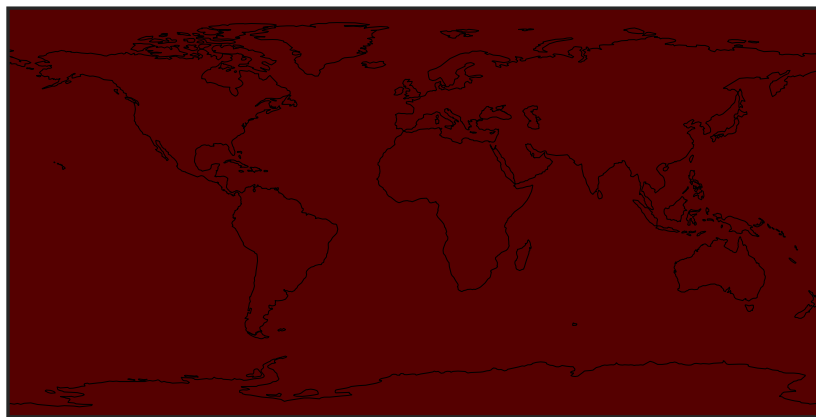
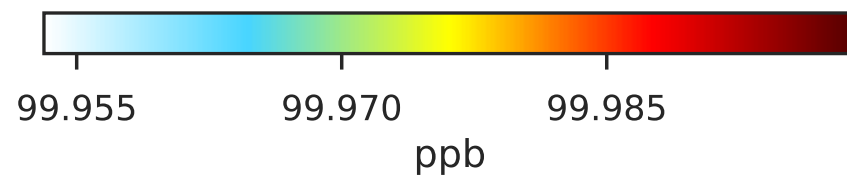
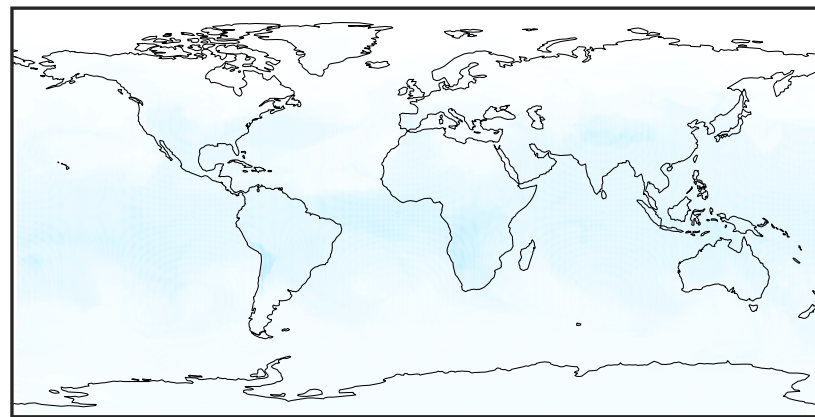


# SpeciesConcVV\_PassiveTracer (Jul2019)

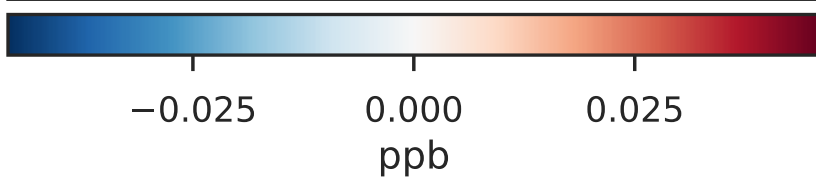
GCC 14.2.2 (Ref)  
4.0x5.0



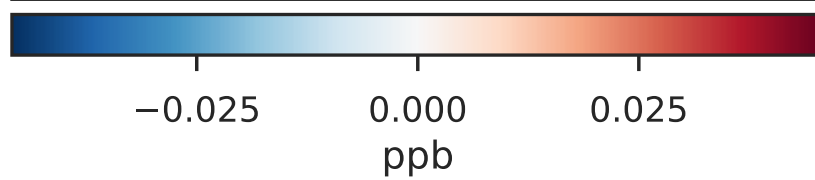
GCHP 14.2.2 using wind (Dev)  
c180



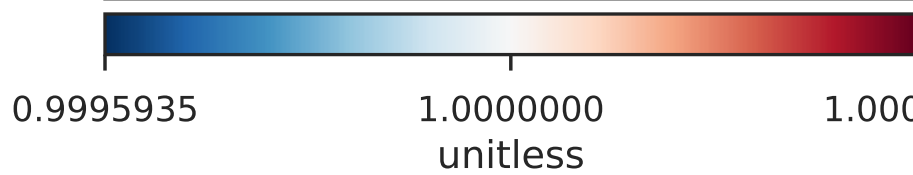
Difference (1x1.25)  
Dev - Ref, Dynamic Range



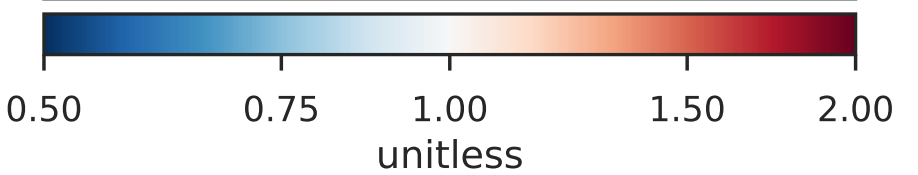
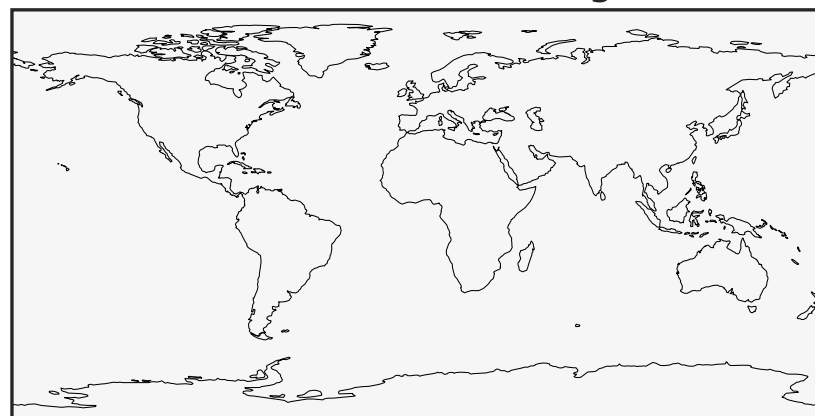
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

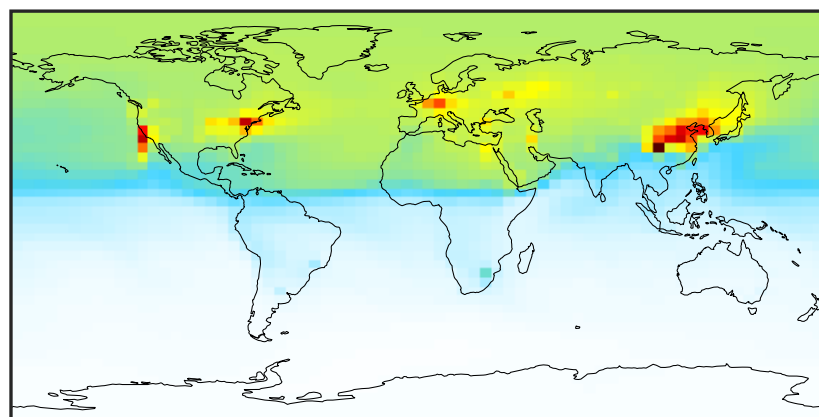


Ratio (1x1.25)  
Dev/Ref, Fixed Range



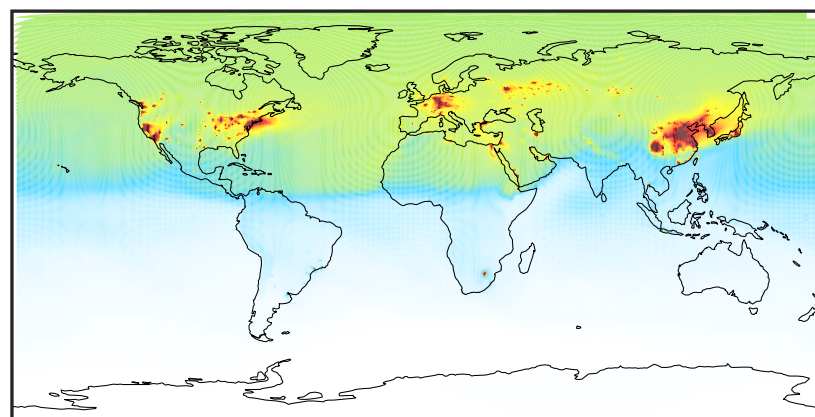
# SpeciesConcVV\_SF6 (Jul2019)

GCC 14.2.2 (Ref)  
4.0x5.0



0.00275 0.00300 0.00325  
ppb

GCHP 14.2.2 using wind (Dev)  
c180



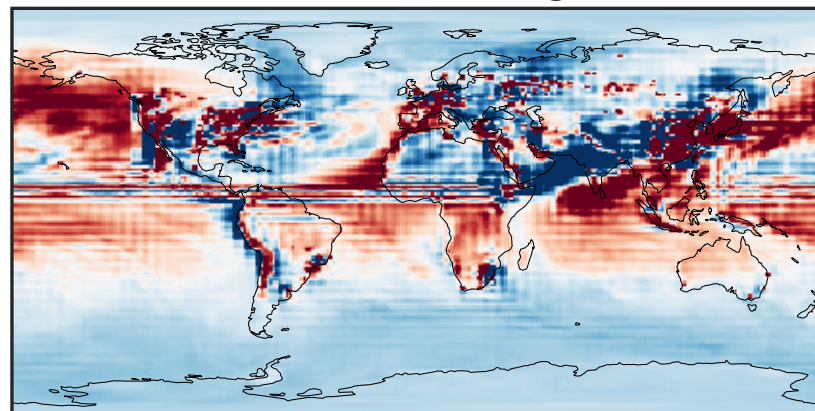
0.00275 0.00300 0.00325  
ppb

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



-0.003 0.000 0.003  
ppb

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



-1.5 0.0 1.5  
ppb  
1e-5

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



0.379 0.690 1.000 1.818 2.636  
unitless

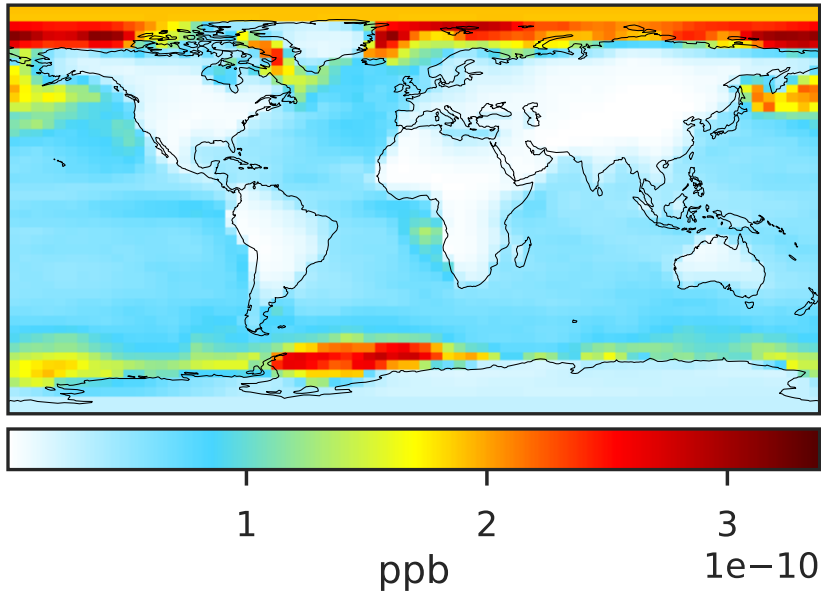
Ratio (1x1.25)  
Dev/Ref, Fixed Range



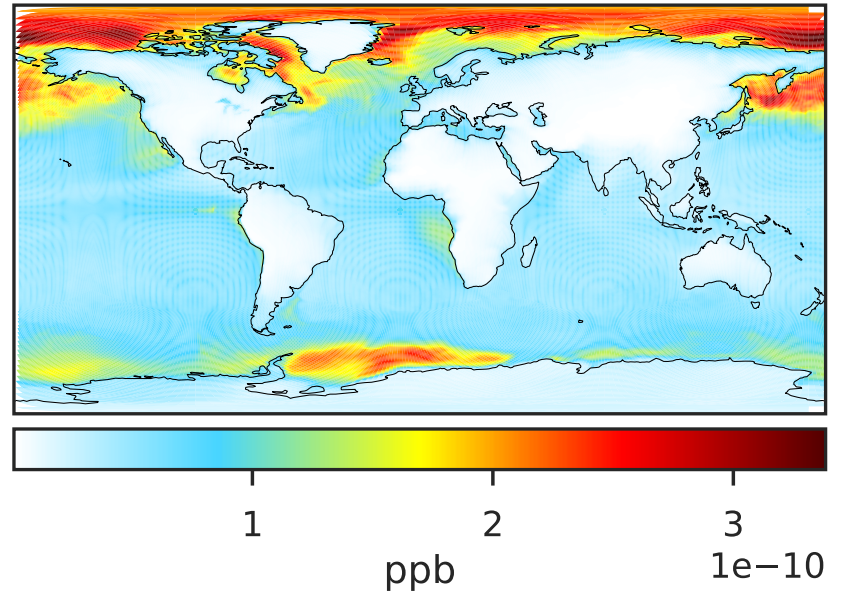
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_CH3I (Jul2019)

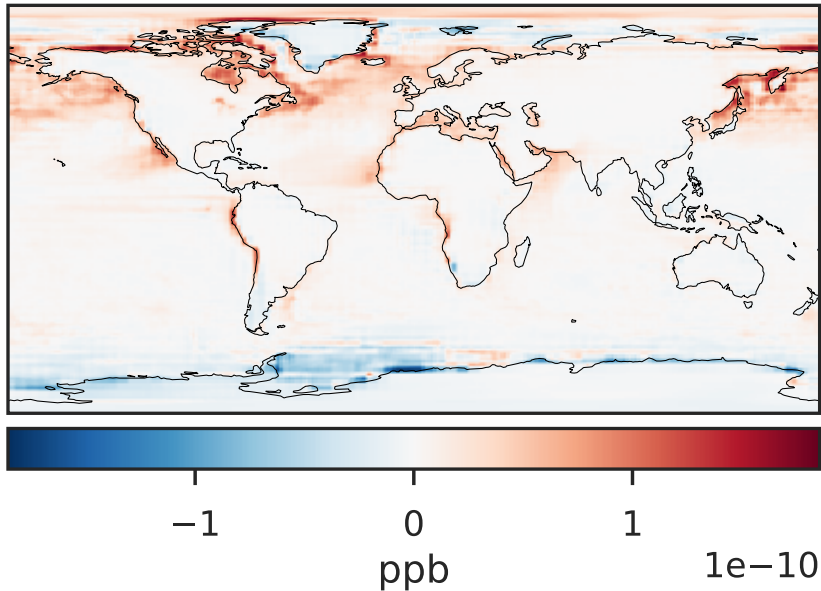
GCC 14.2.2 (Ref)  
4.0x5.0



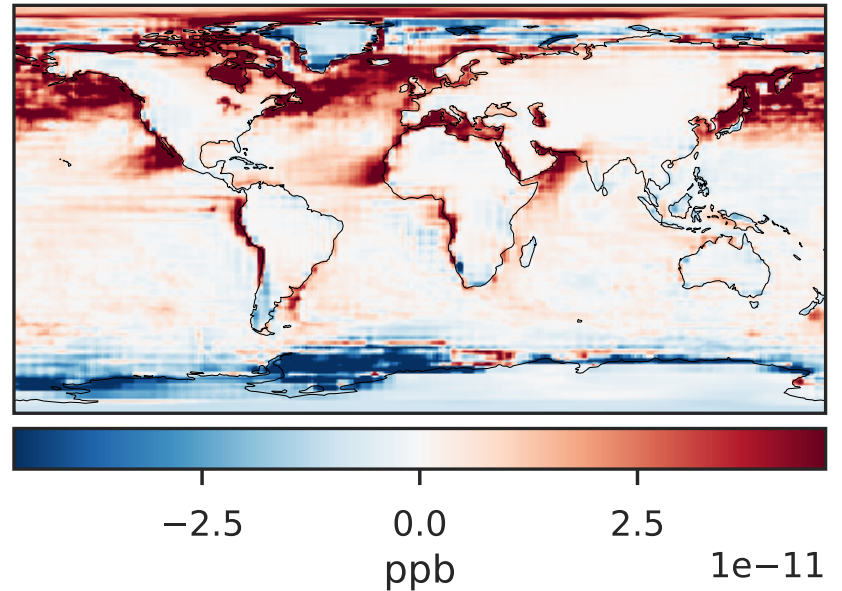
GCHP 14.2.2 using wind (Dev)  
c180



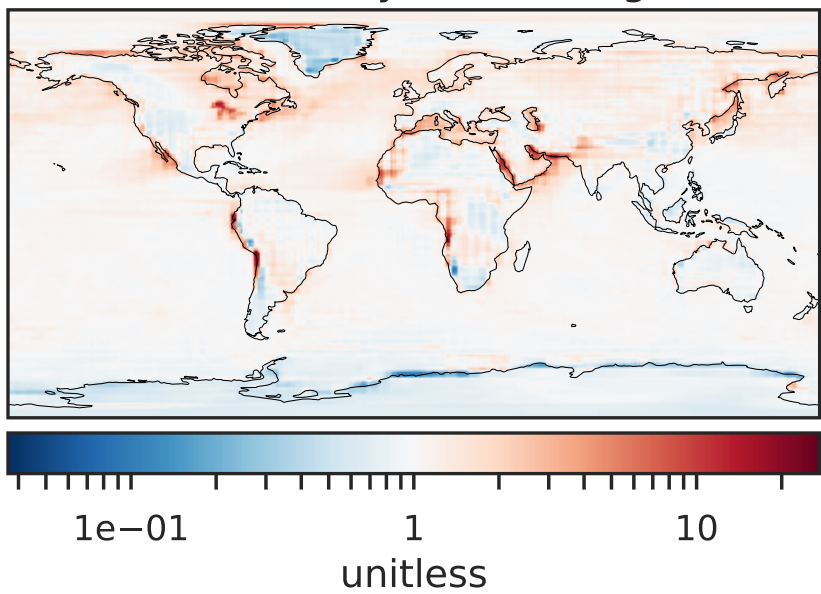
Difference (1x1.25)  
Dev - Ref, Dynamic Range



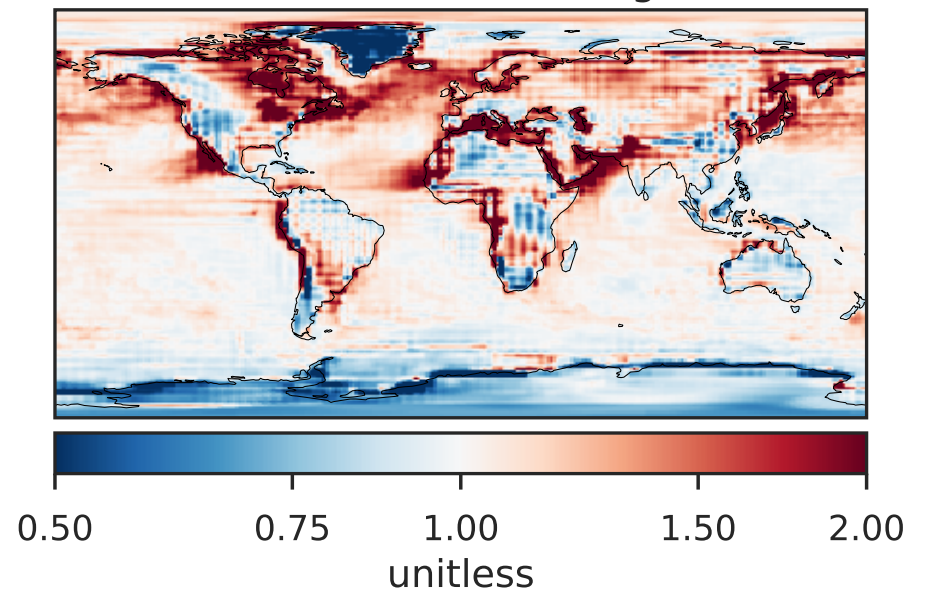
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

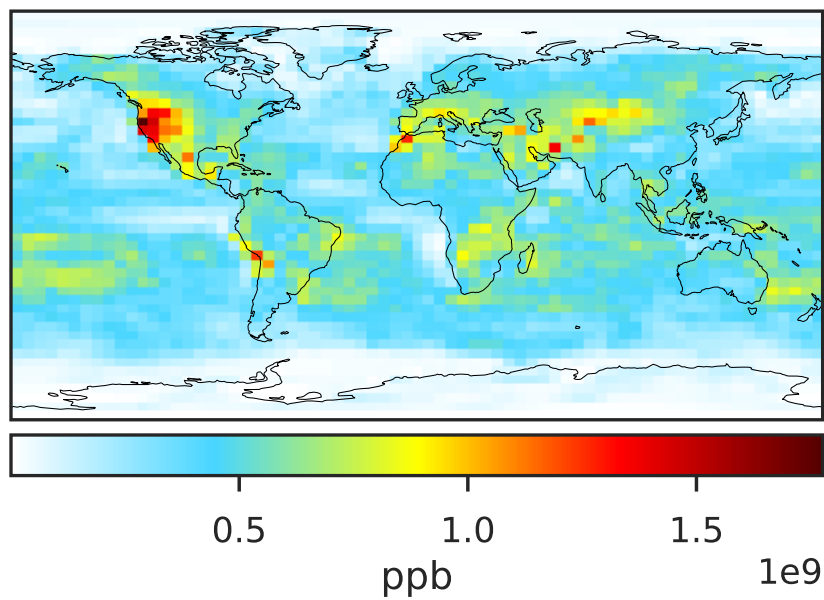


Ratio (1x1.25)  
Dev/Ref, Fixed Range

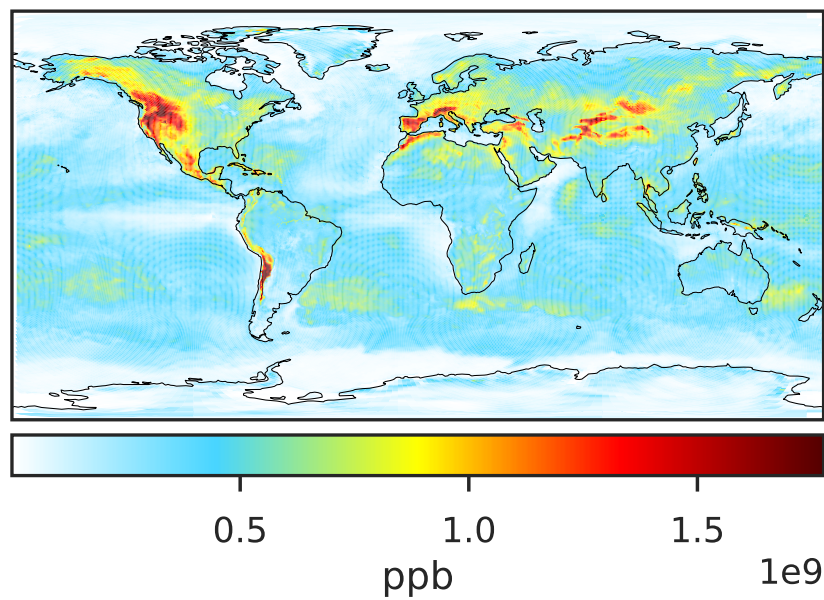


# SpeciesConcVV\_aoa (Jul2019)

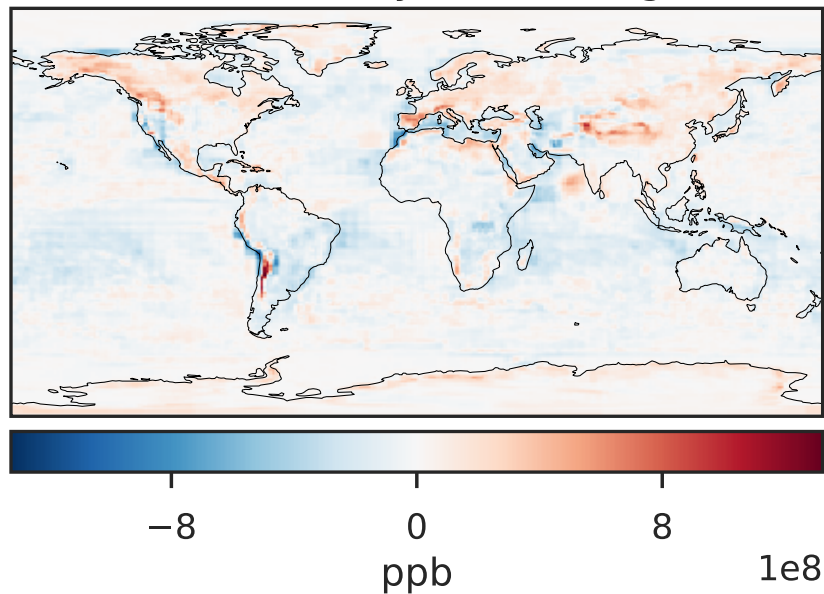
GCC 14.2.2 (Ref)  
4.0x5.0



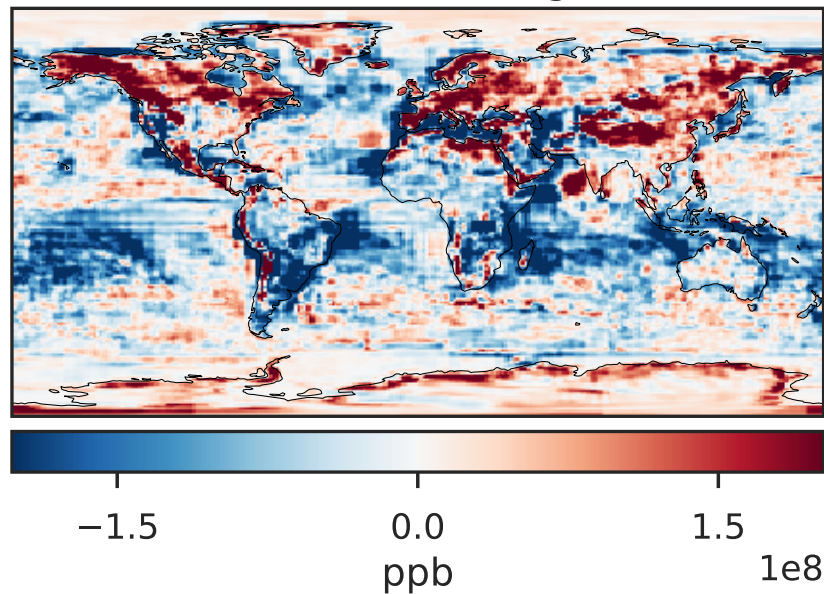
GCHP 14.2.2 using wind (Dev)  
c180



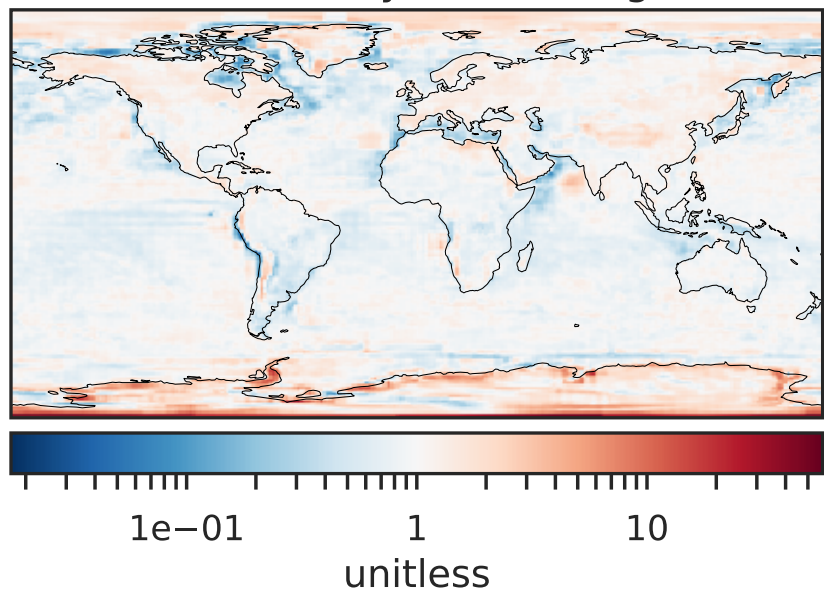
Difference (1x1.25)  
Dev - Ref, Dynamic Range



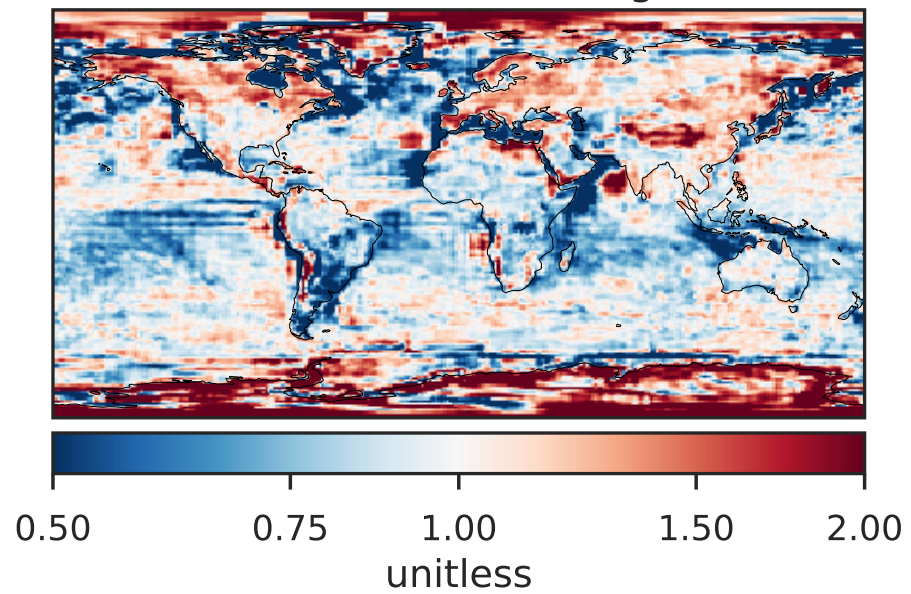
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

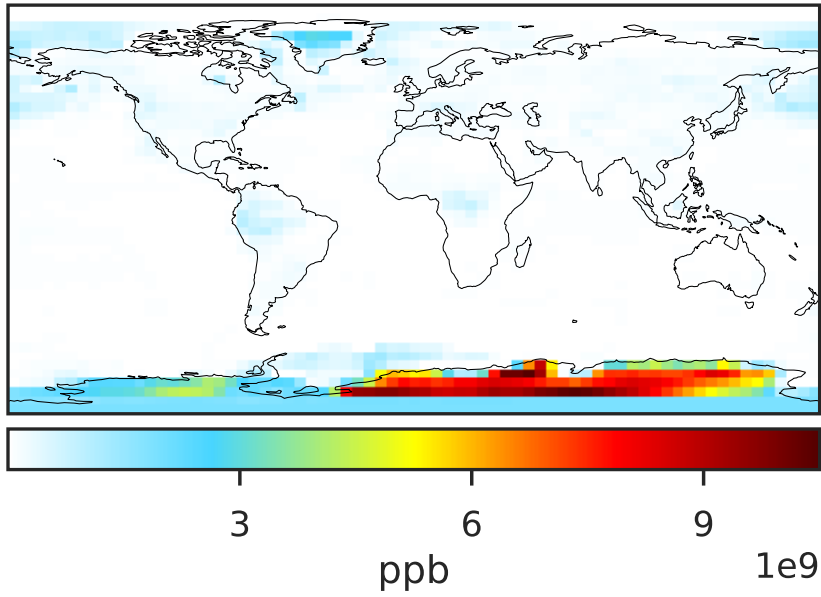


Ratio (1x1.25)  
Dev/Ref, Fixed Range

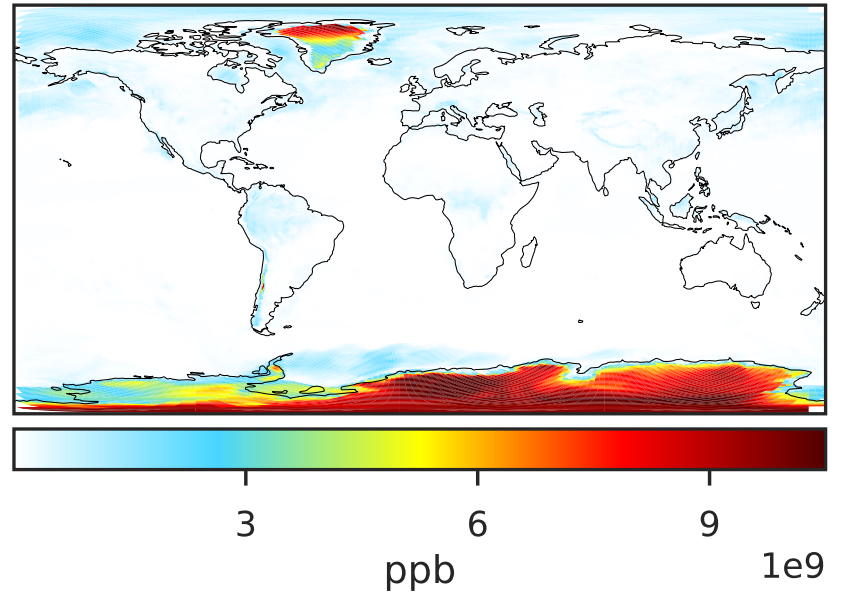


# SpeciesConcVV\_aoa\_bl (Jul2019)

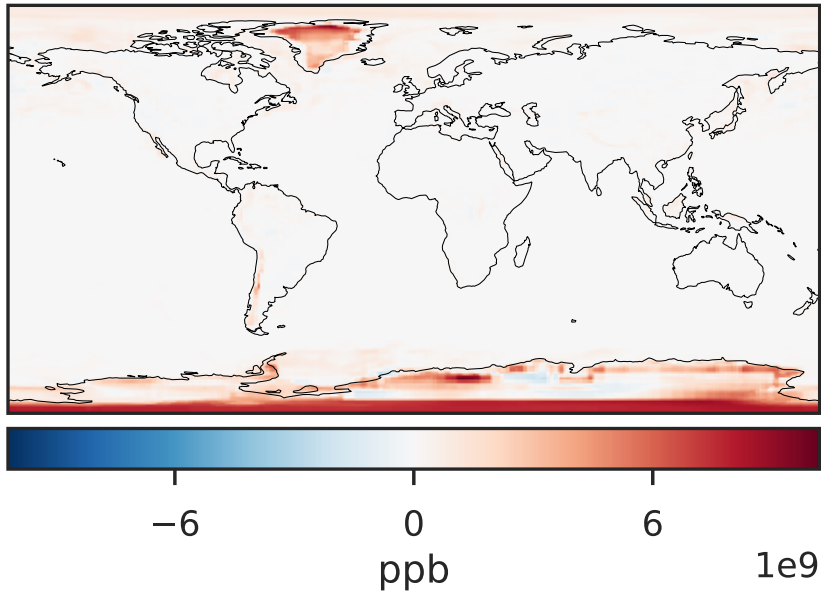
GCC 14.2.2 (Ref)  
4.0x5.0



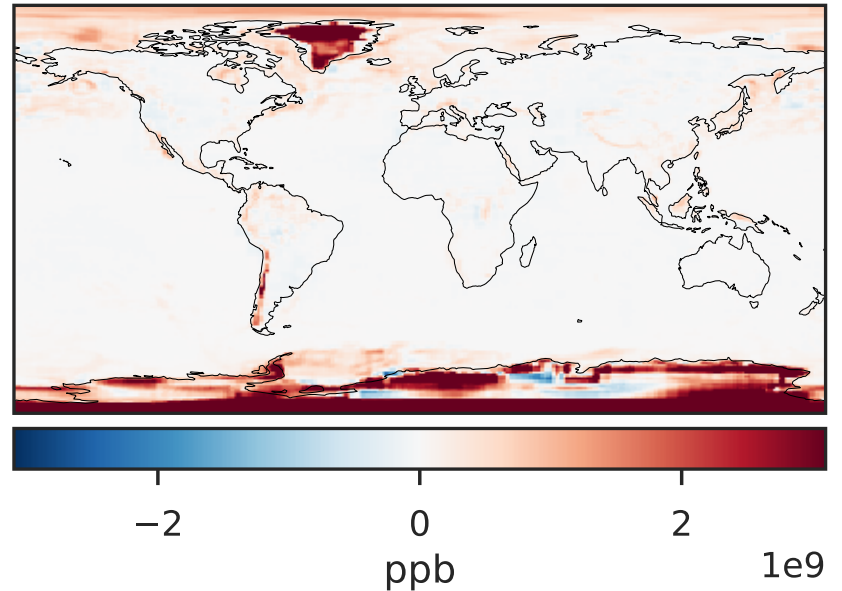
GCHP 14.2.2 using wind (Dev)  
c180



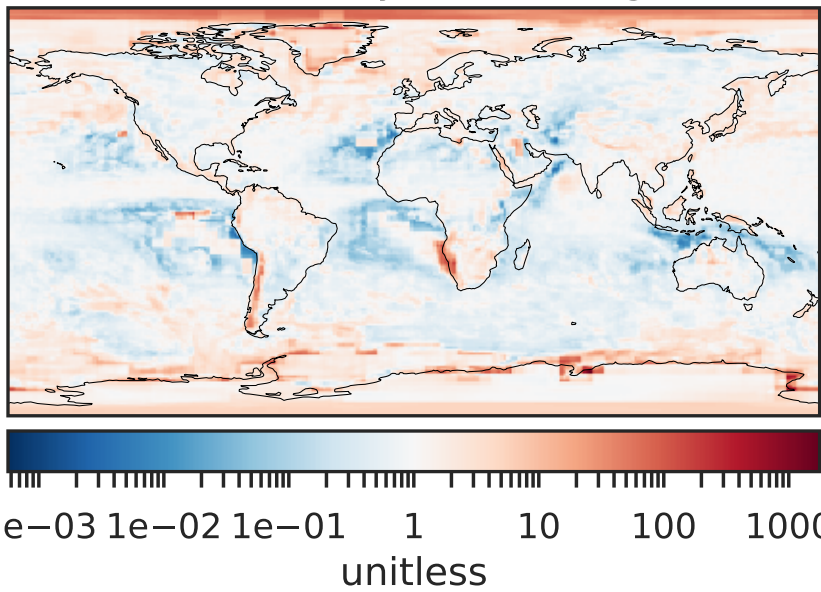
Difference (1x1.25)  
Dev - Ref, Dynamic Range



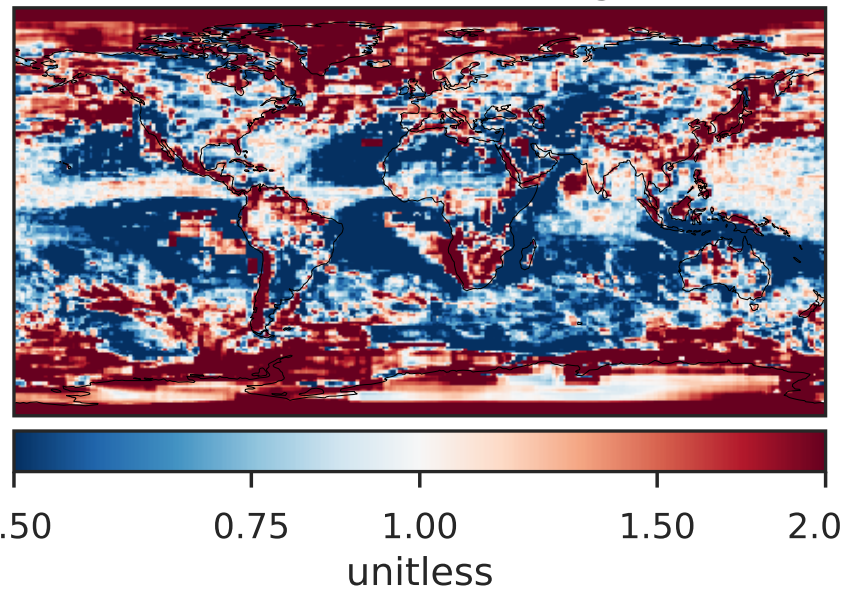
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

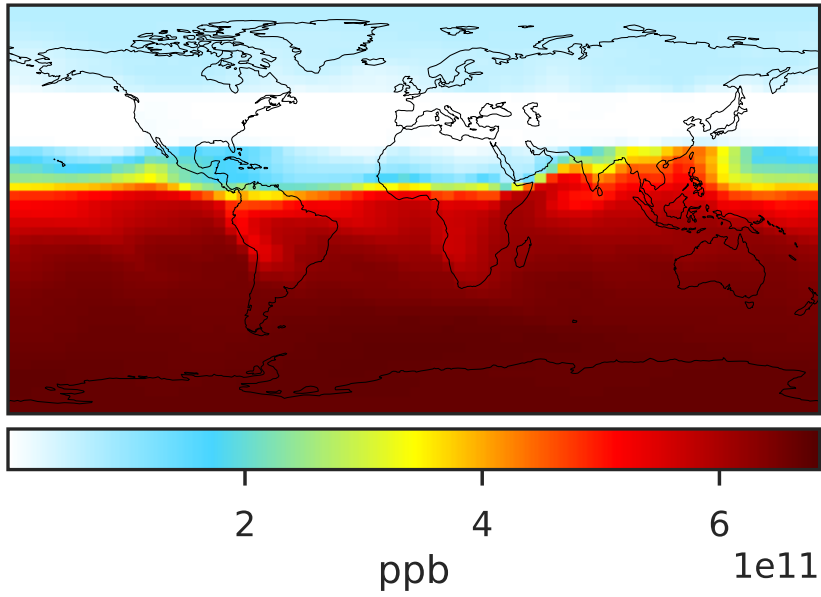


Ratio (1x1.25)  
Dev/Ref, Fixed Range

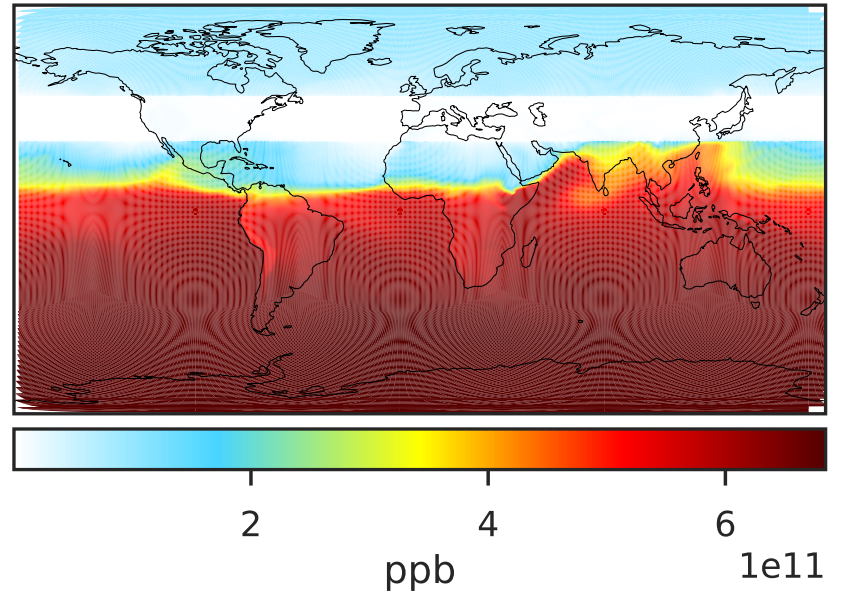


# SpeciesConcVV\_aoa\_nh (Jul2019)

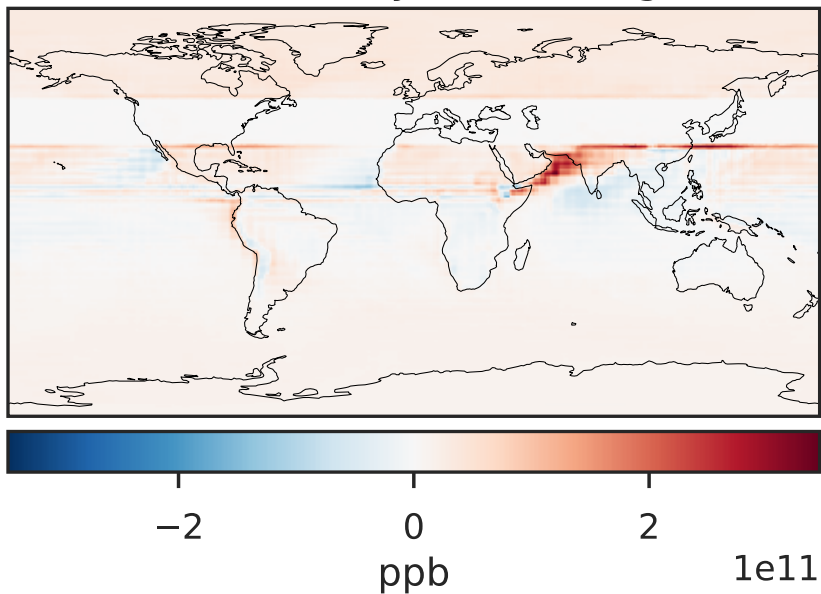
GCC 14.2.2 (Ref)  
4.0x5.0



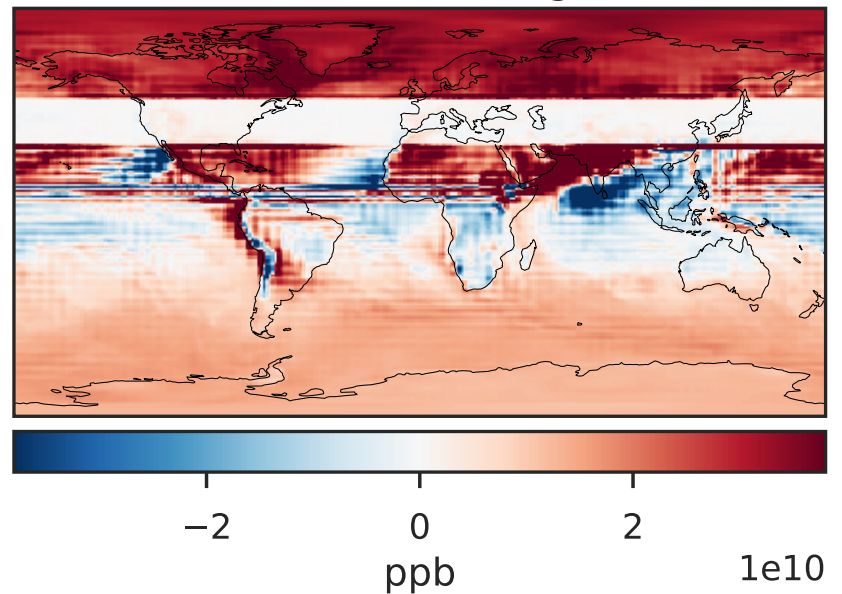
GCHP 14.2.2 using wind (Dev)  
c180



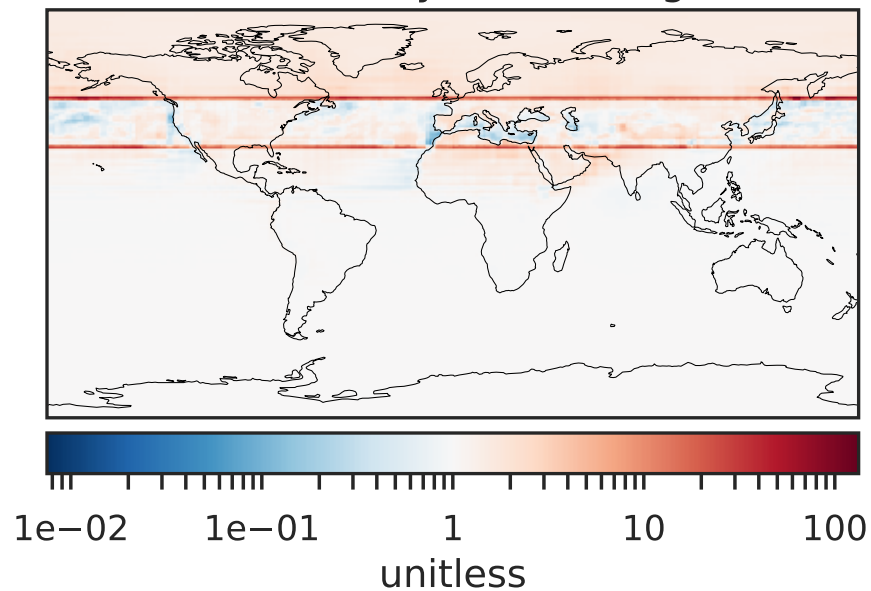
Difference (1x1.25)  
Dev - Ref, Dynamic Range



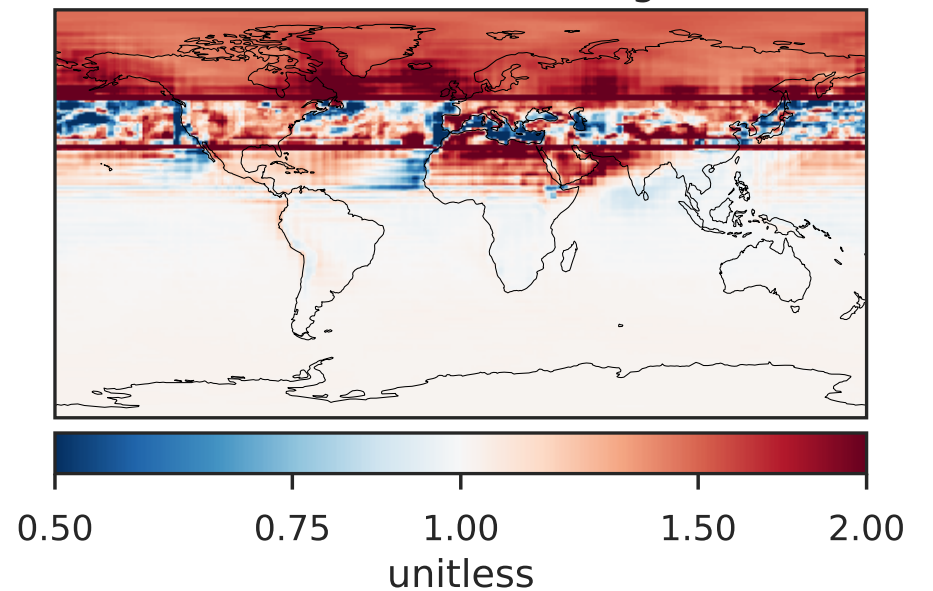
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

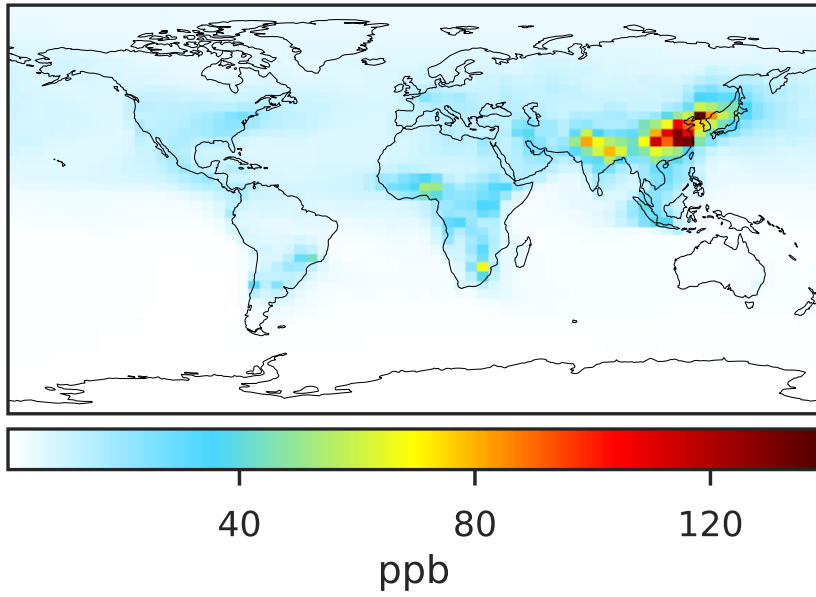


Ratio (1x1.25)  
Dev/Ref, Fixed Range

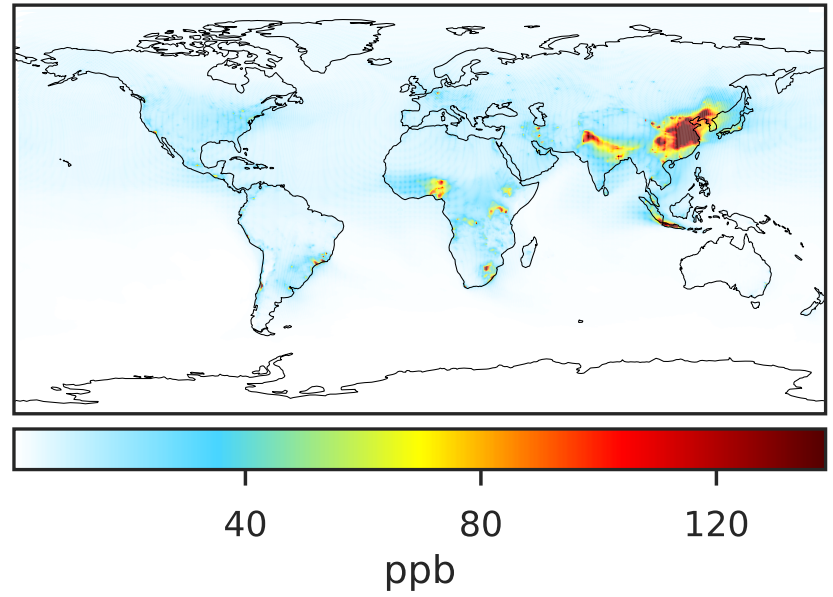


# SpeciesConcVV\_CO\_25 (Jul2019)

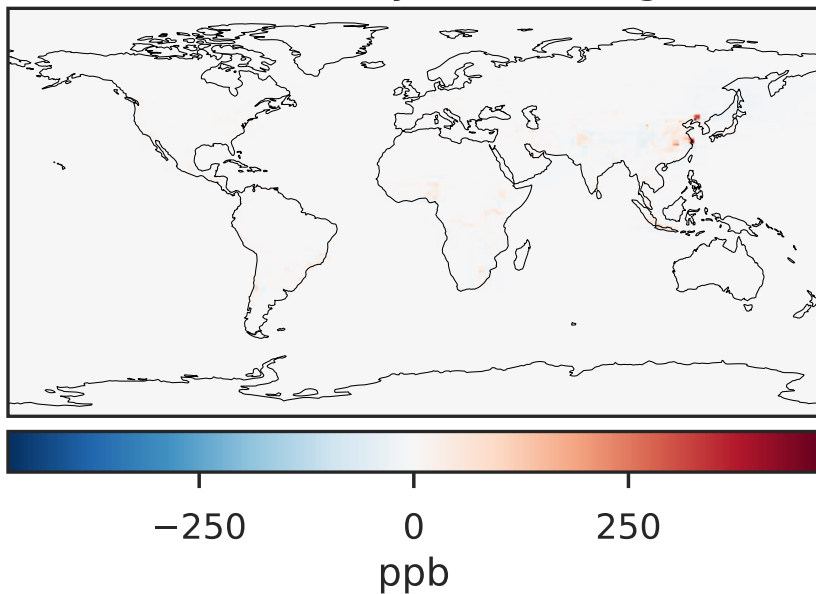
GCC 14.2.2 (Ref)  
4.0x5.0



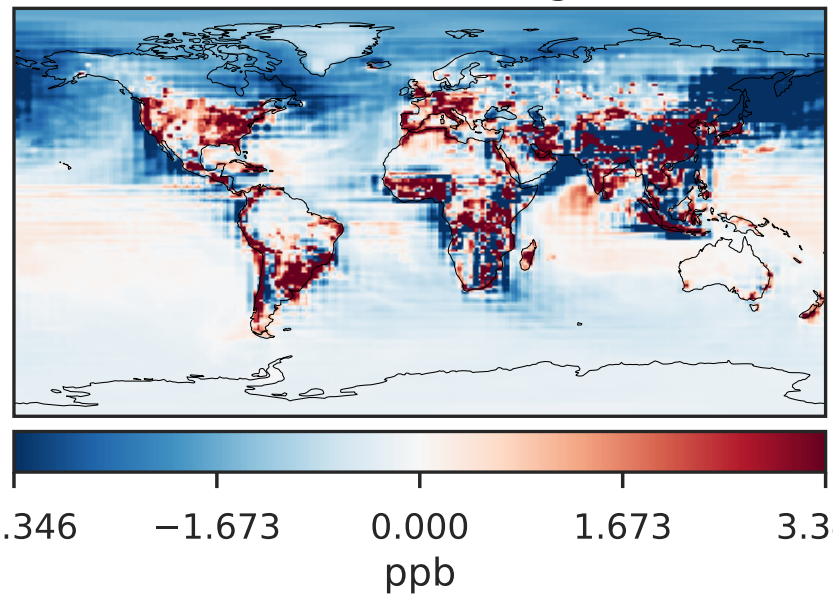
GCHP 14.2.2 using wind (Dev)  
c180



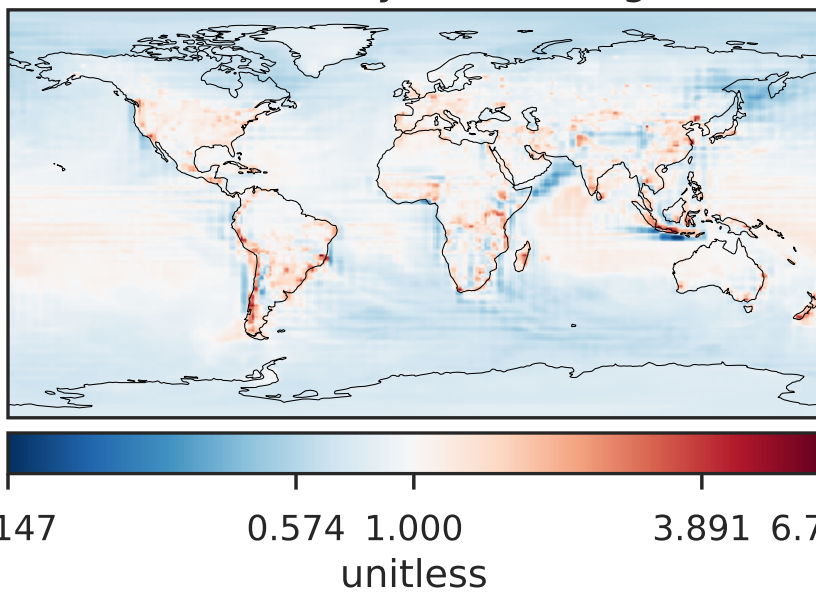
Difference (1x1.25)  
Dev - Ref, Dynamic Range



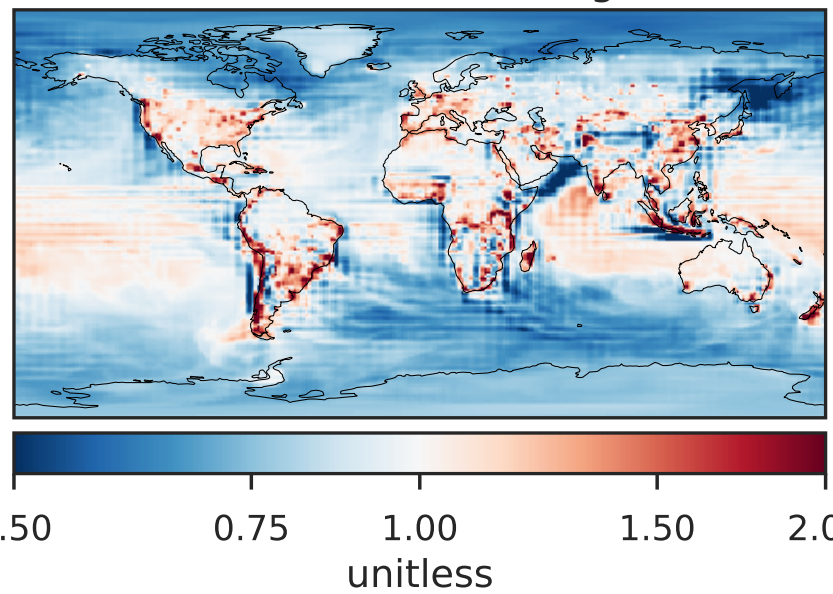
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

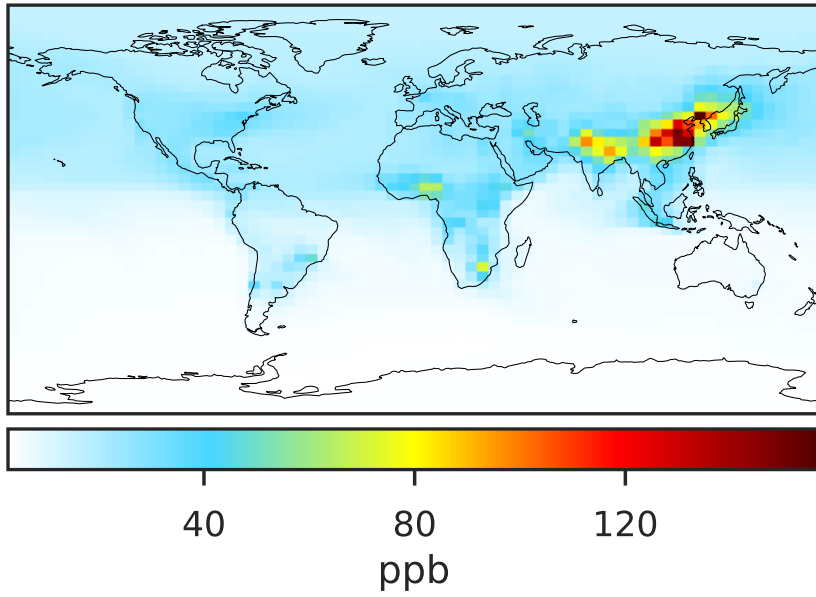


Ratio (1x1.25)  
Dev/Ref, Fixed Range

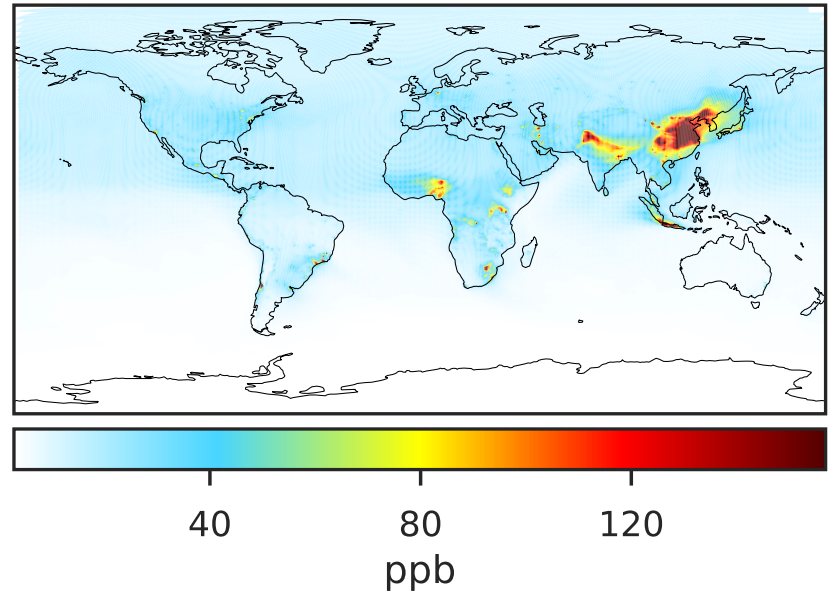


# SpeciesConcVV\_CO\_50 (Jul2019)

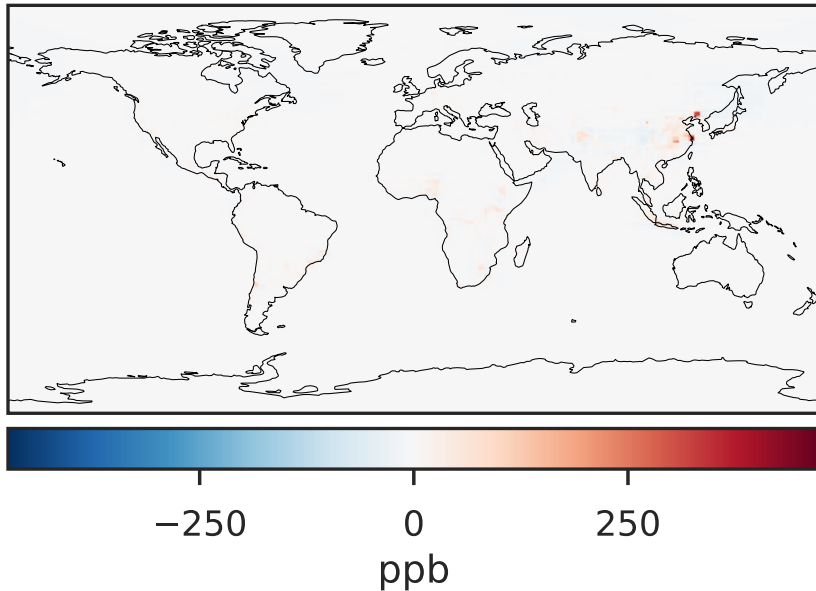
GCC 14.2.2 (Ref)  
4.0x5.0



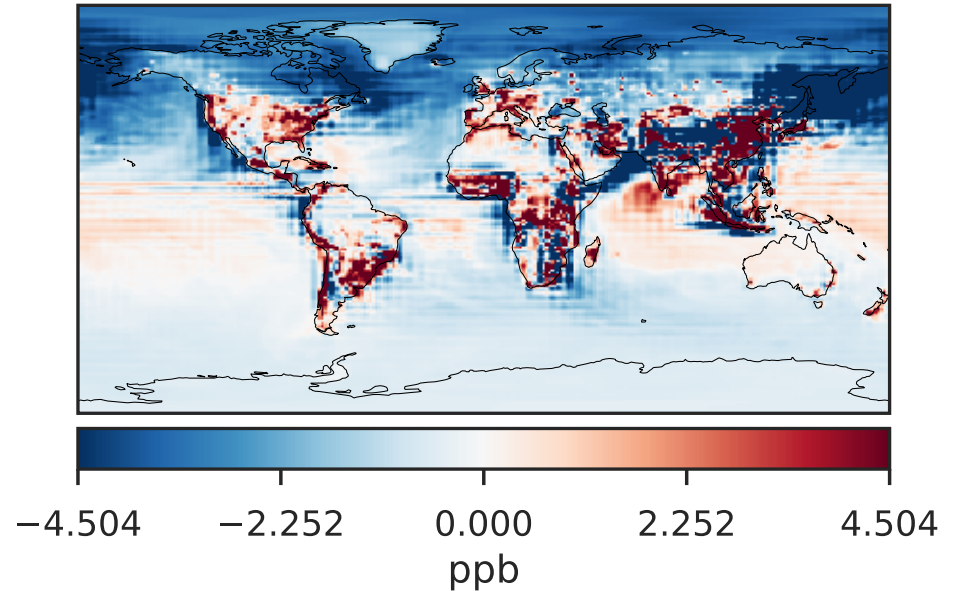
GCHP 14.2.2 using wind (Dev)  
c180



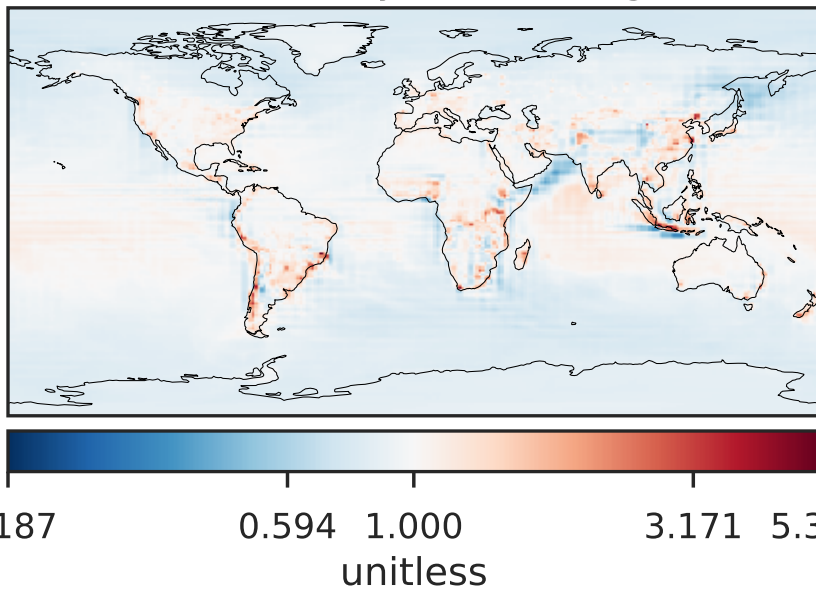
Difference (1x1.25)  
Dev - Ref, Dynamic Range



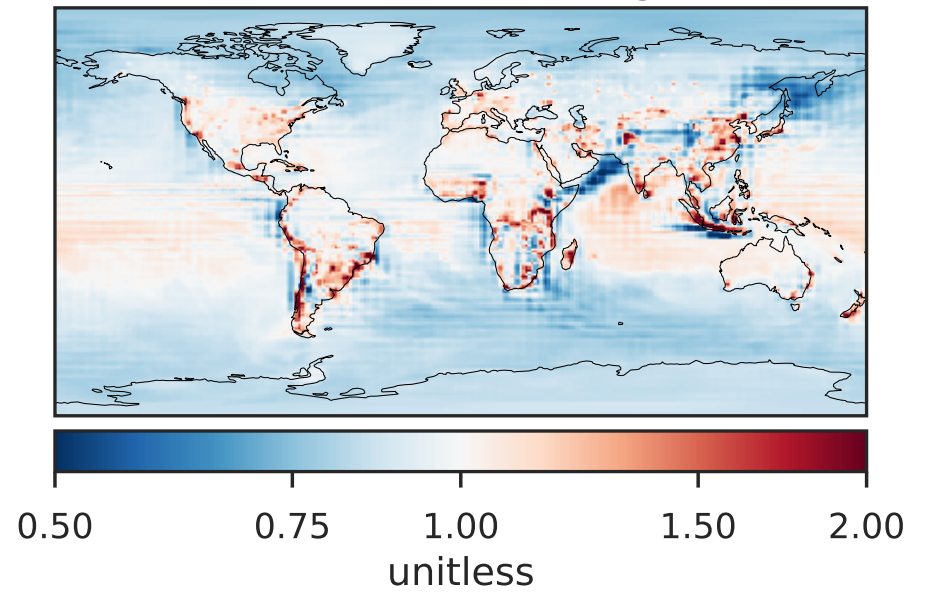
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



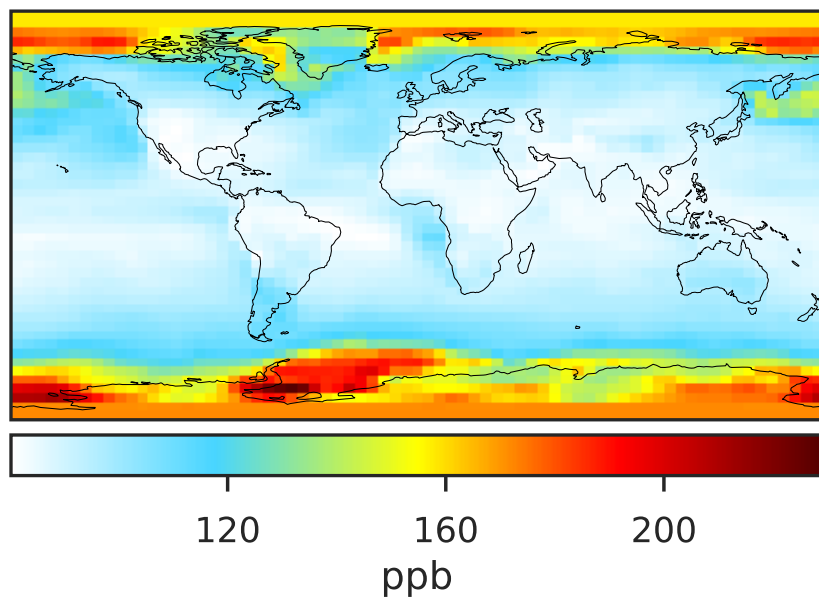
Ratio (1x1.25)  
Dev/Ref, Fixed Range



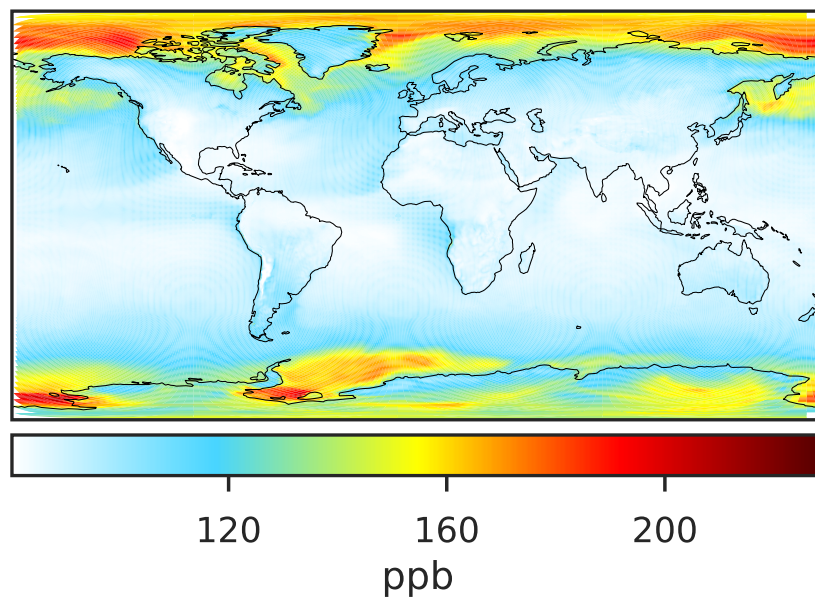


# SpeciesConcVV\_e90 (Jul2019)

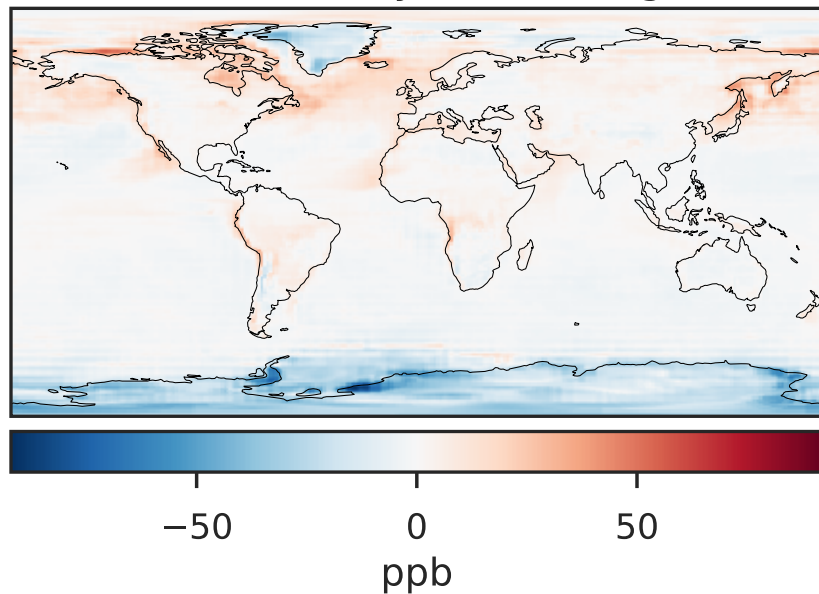
GCC 14.2.2 (Ref)  
4.0x5.0



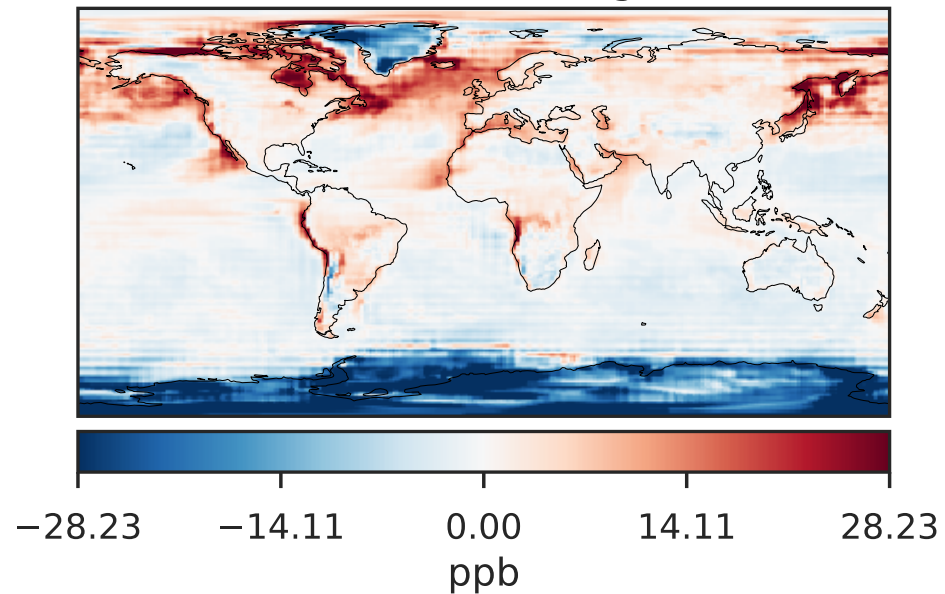
GCHP 14.2.2 using wind (Dev)  
c180



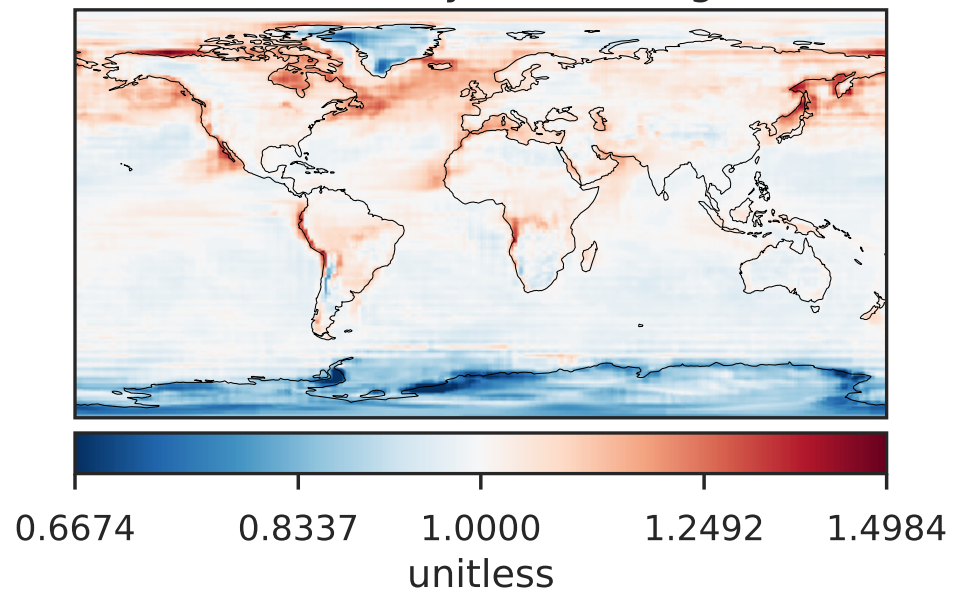
Difference (1x1.25)  
Dev - Ref, Dynamic Range



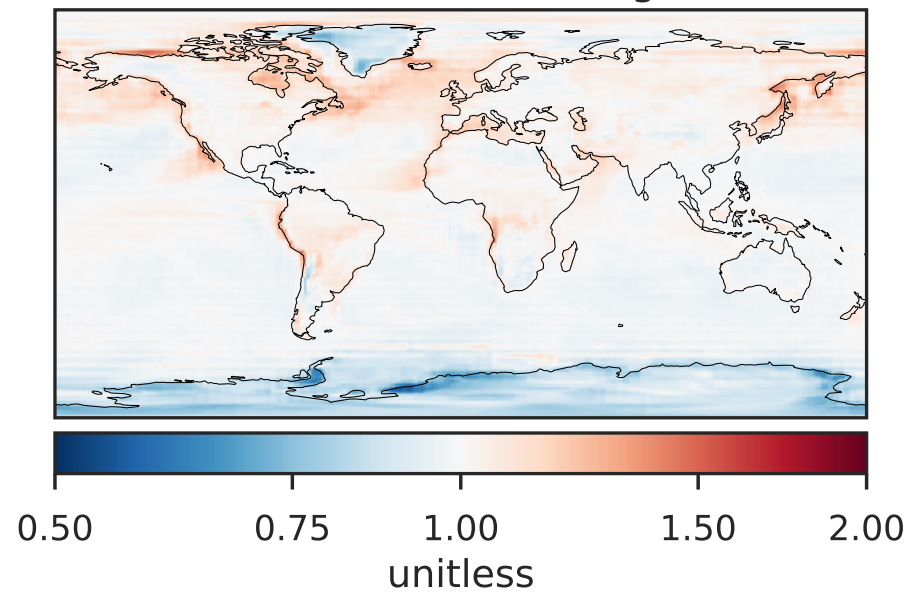
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

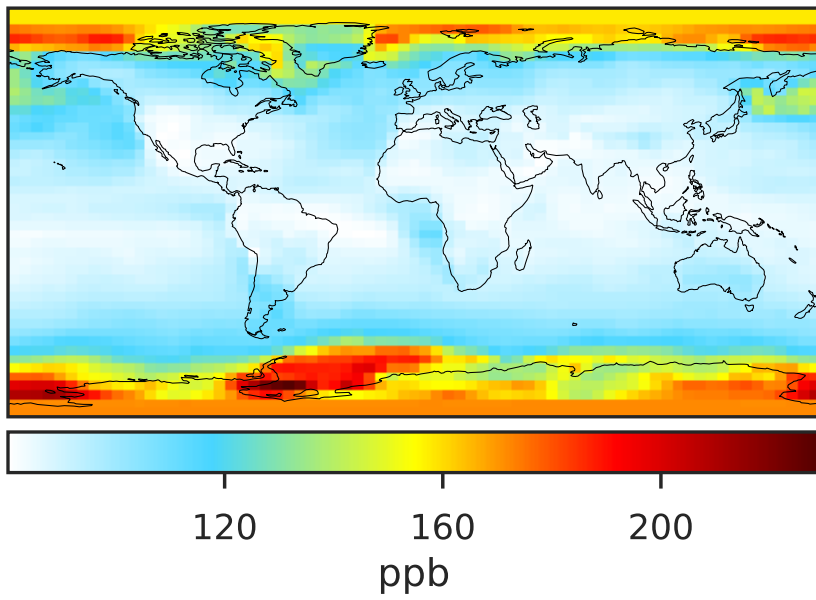


Ratio (1x1.25)  
Dev/Ref, Fixed Range

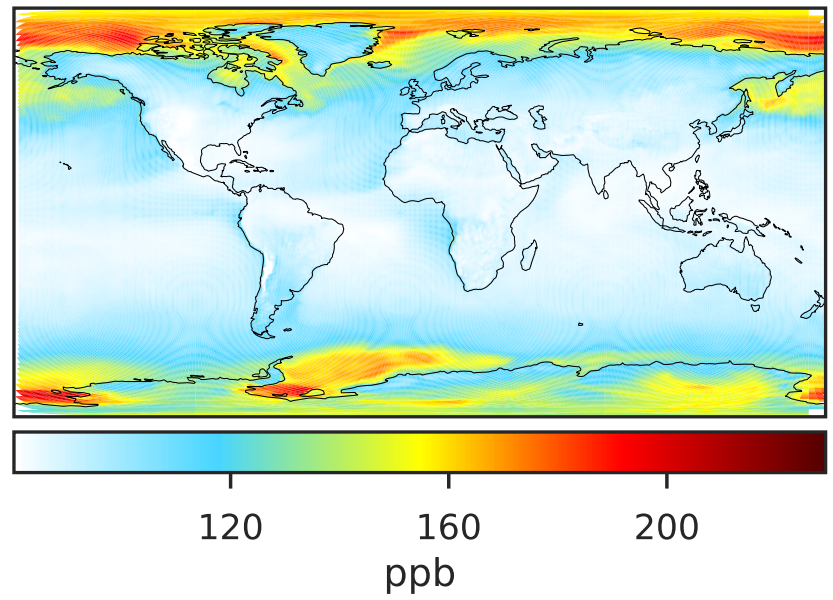


# SpeciesConcVV\_e90\_n (Jul2019)

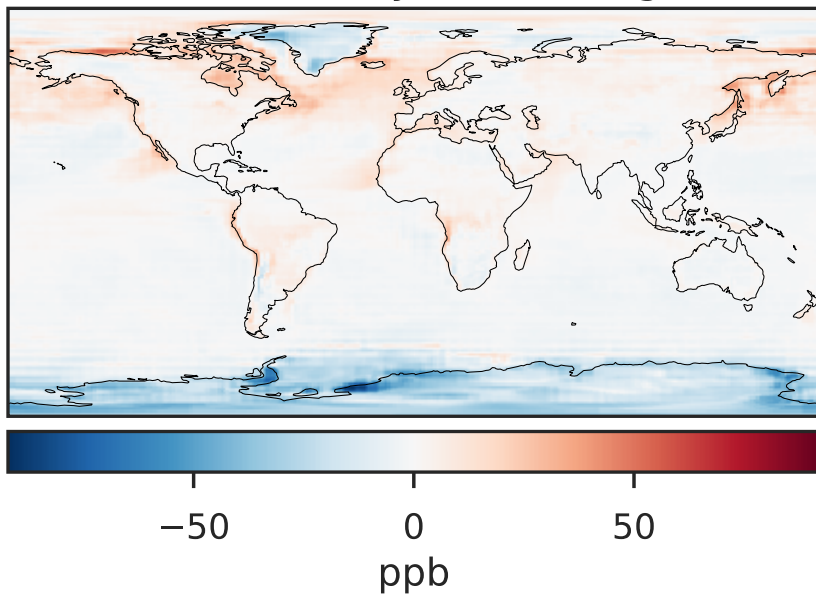
GCC 14.2.2 (Ref)  
4.0x5.0



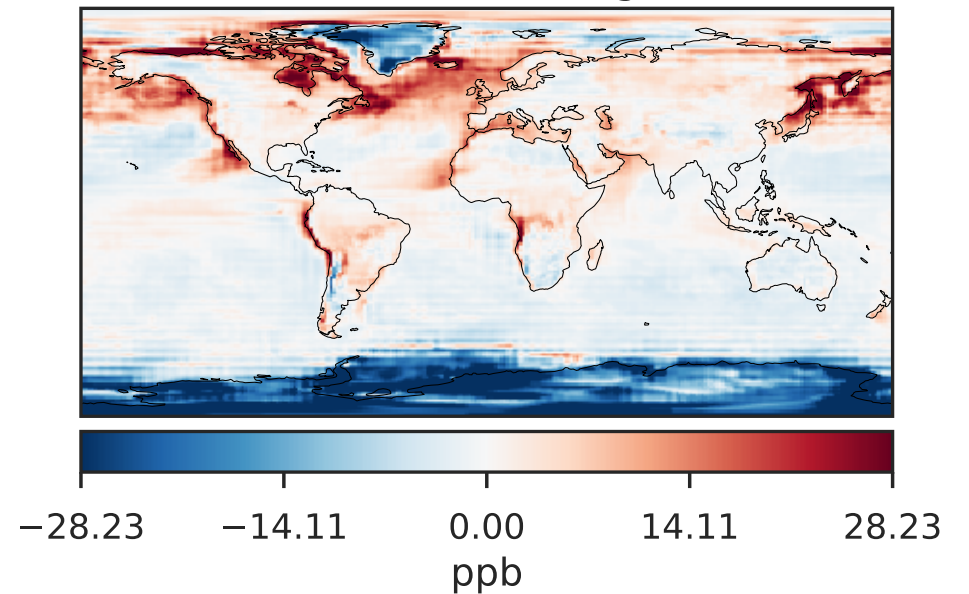
GCHP 14.2.2 using wind (Dev)  
c180



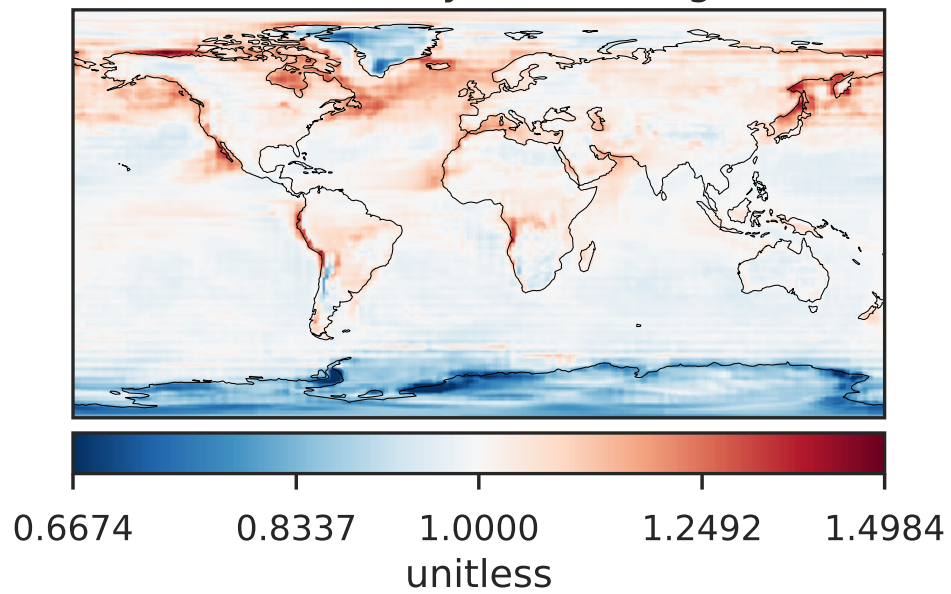
Difference (1x1.25)  
Dev - Ref, Dynamic Range



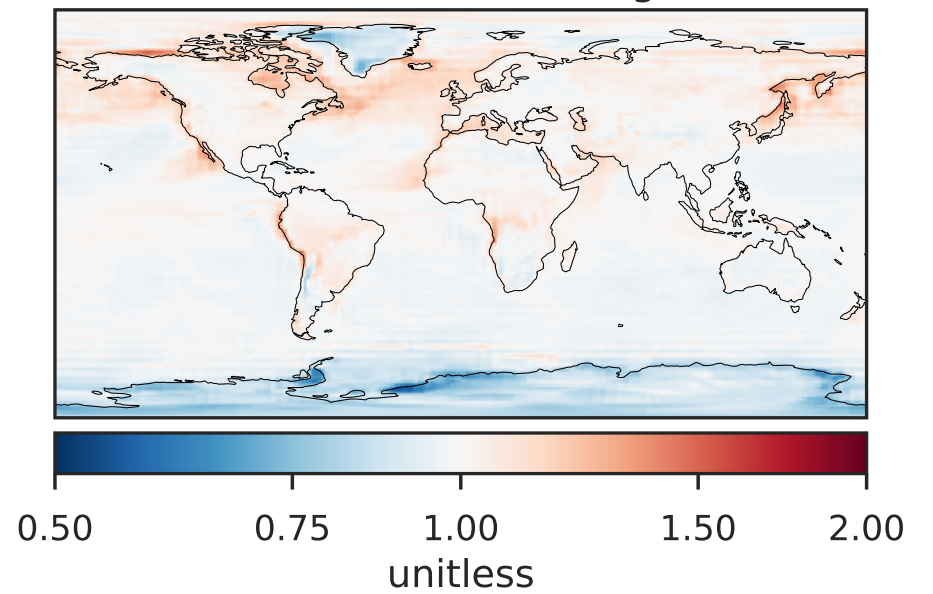
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

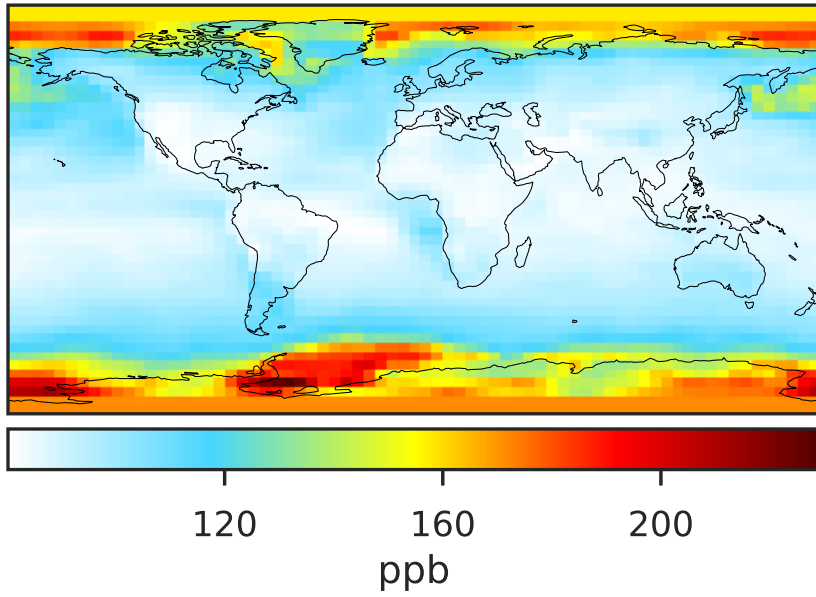


Ratio (1x1.25)  
Dev/Ref, Fixed Range

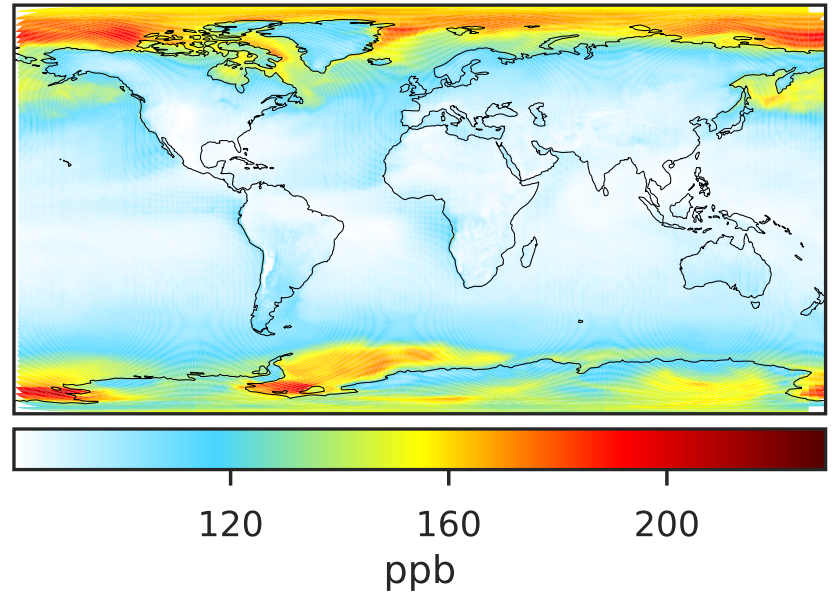


# SpeciesConcVV\_e90\_s (Jul2019)

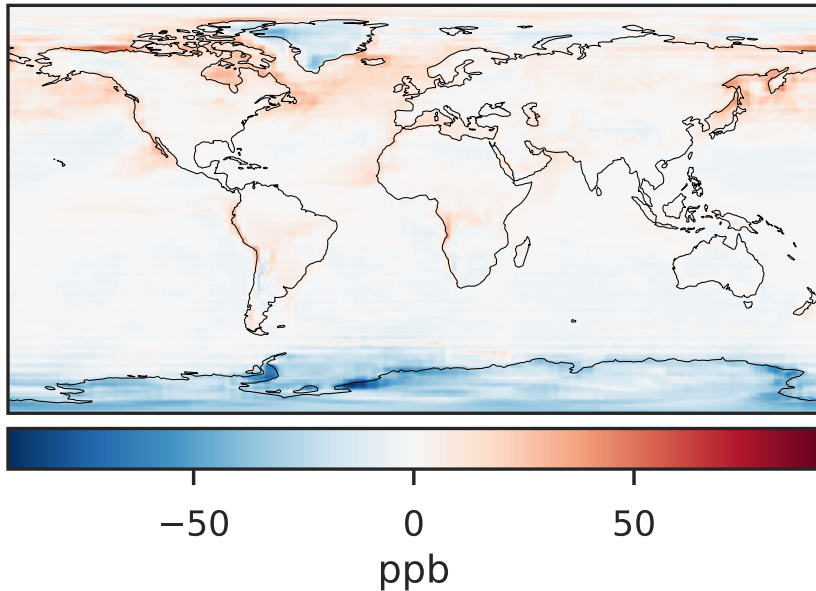
GCC 14.2.2 (Ref)  
4.0x5.0



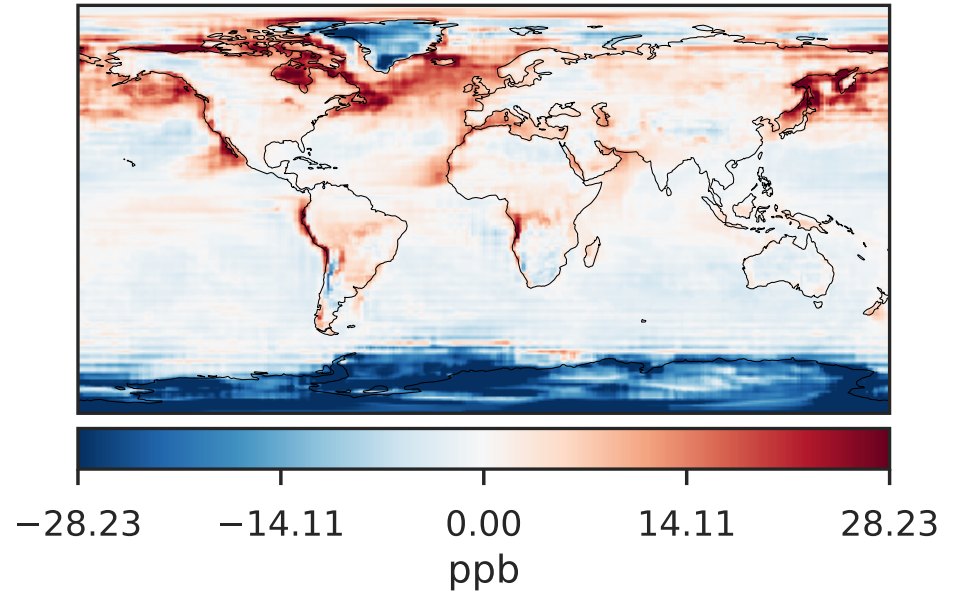
GCHP 14.2.2 using wind (Dev)  
c180



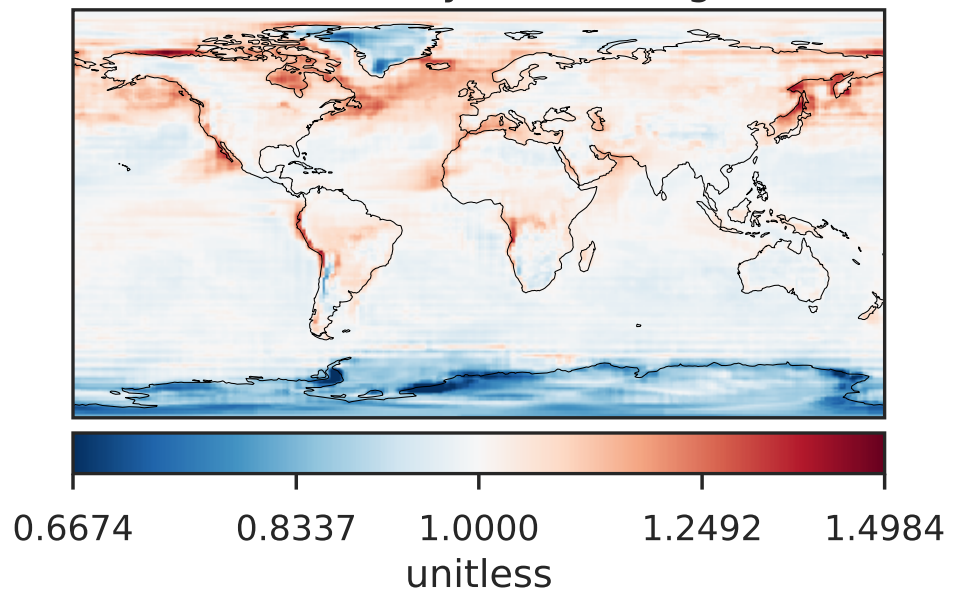
Difference (1x1.25)  
Dev - Ref, Dynamic Range



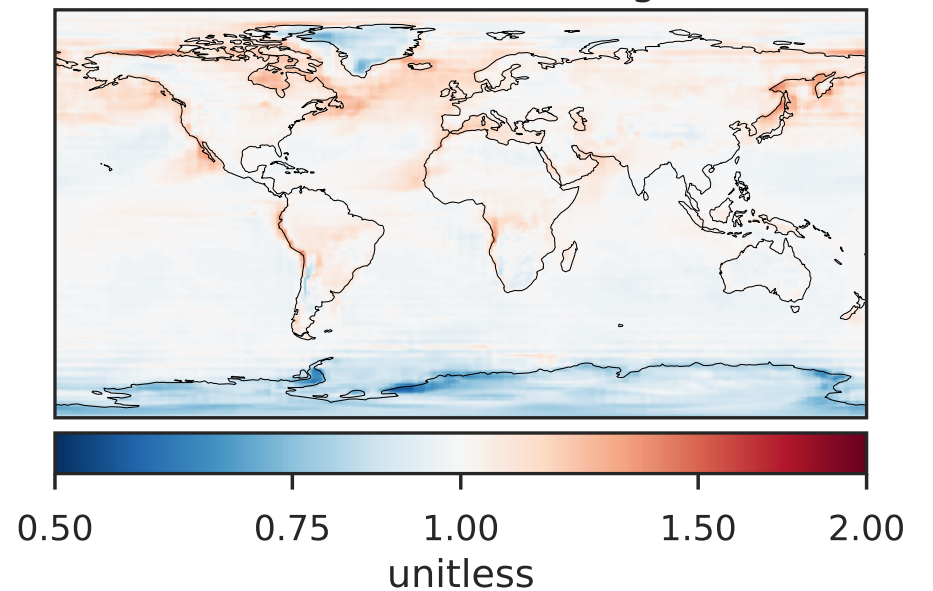
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

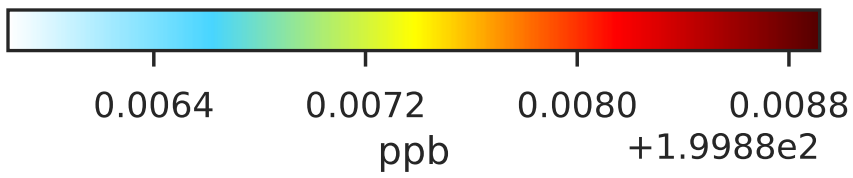
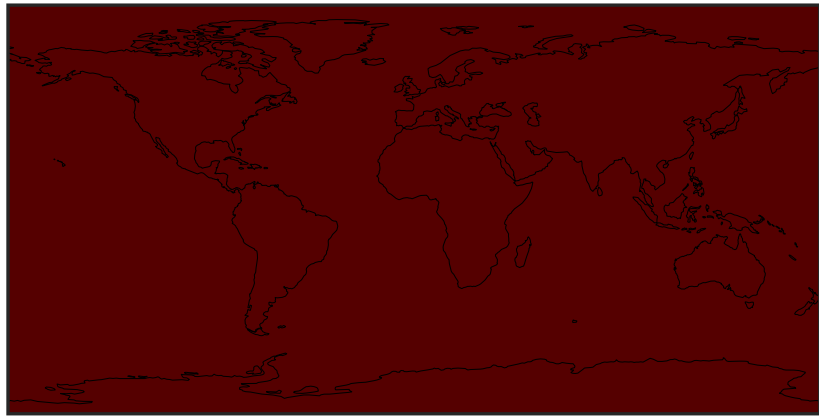


Ratio (1x1.25)  
Dev/Ref, Fixed Range

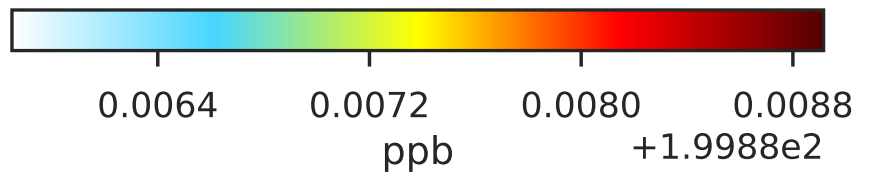


# SpeciesConcVV\_st80\_25 (Jul2019)

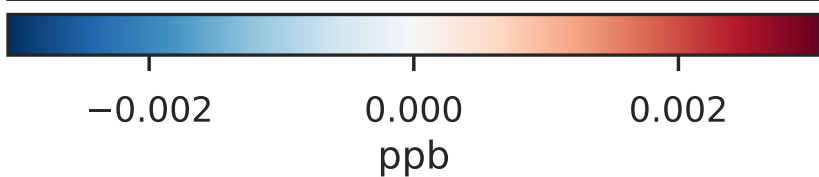
GCC 14.2.2 (Ref)  
4.0x5.0



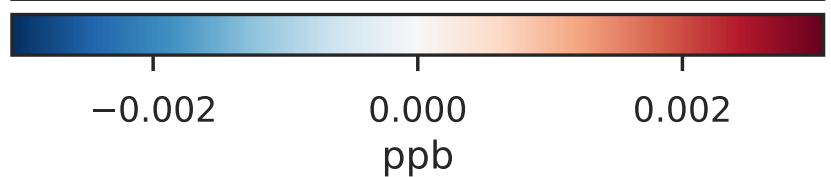
GCHP 14.2.2 using wind (Dev)  
c180



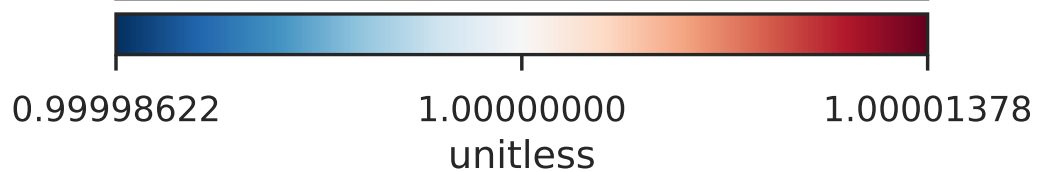
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



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



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

