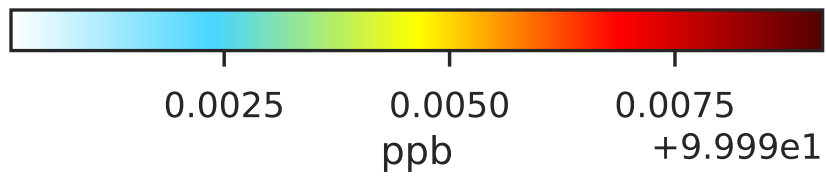
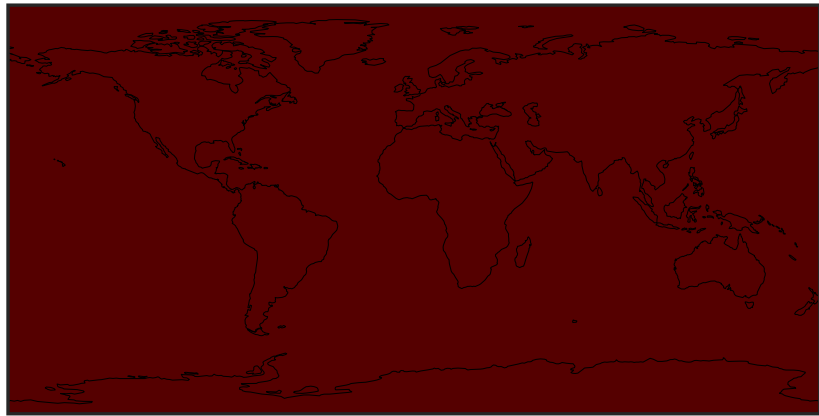
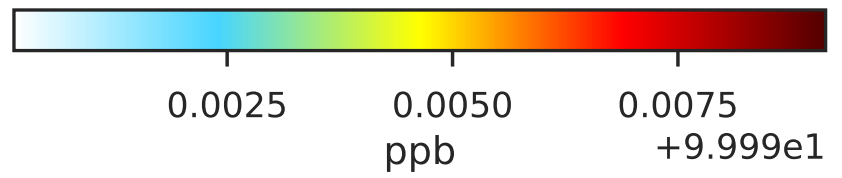
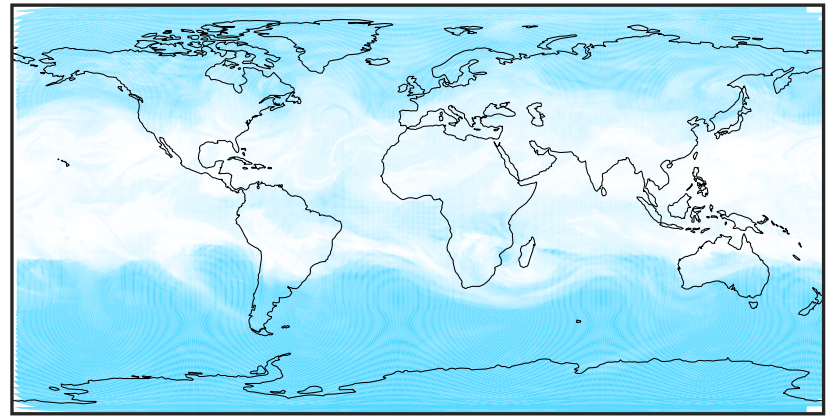


# SpeciesConcVV\_PassiveTracer (Oct2019)

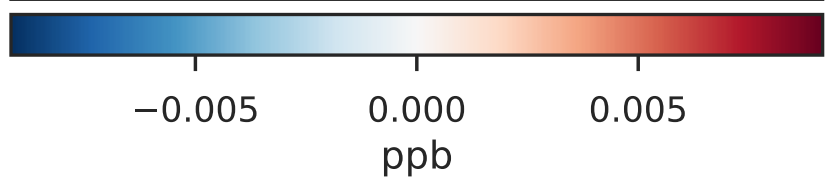
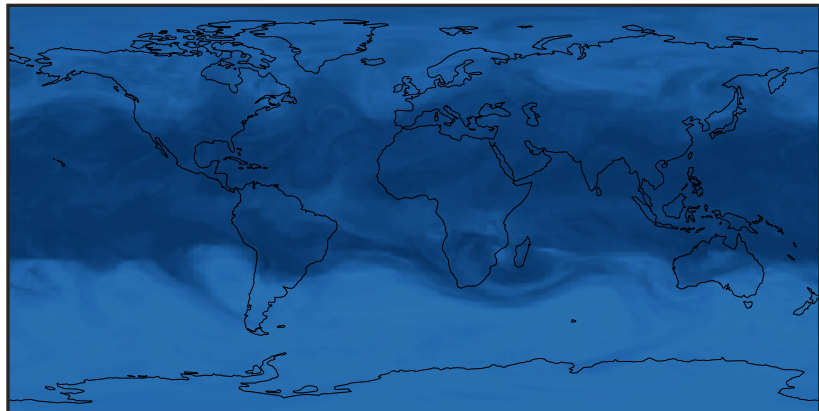
GCC 14.2.2 (Ref)  
4.0x5.0



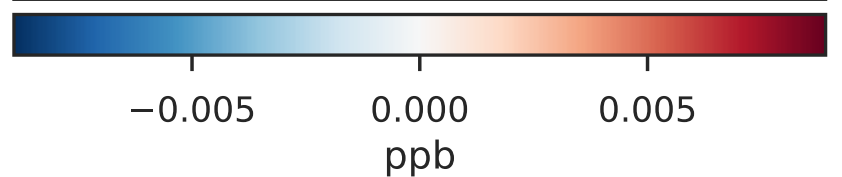
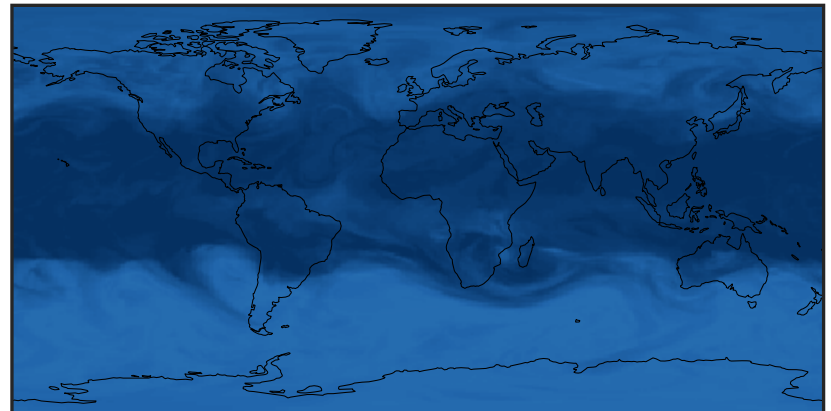
GCHP 14.2.2 using wind (Dev)  
c180



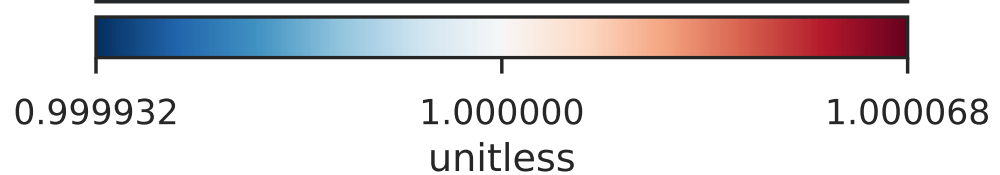
Difference (1x1.25)  
Dev - Ref, Dynamic Range



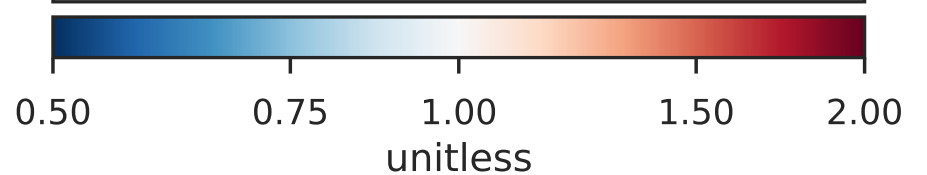
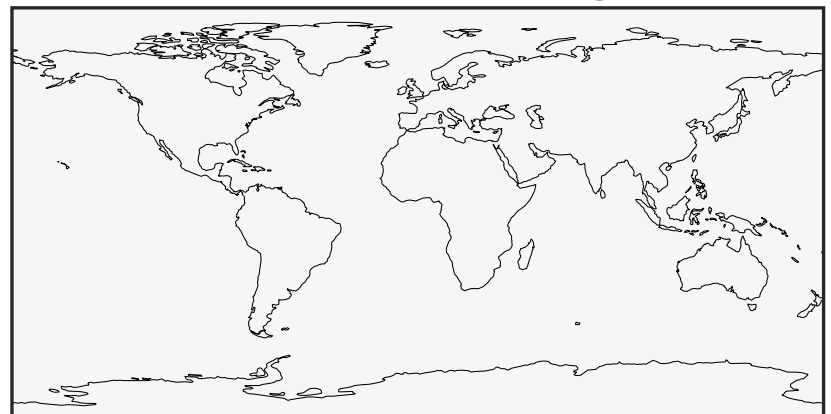
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

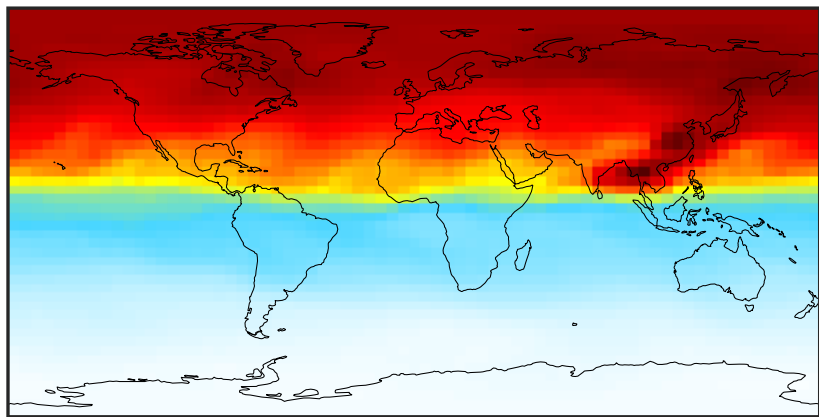


Ratio (1x1.25)  
Dev/Ref, Fixed Range



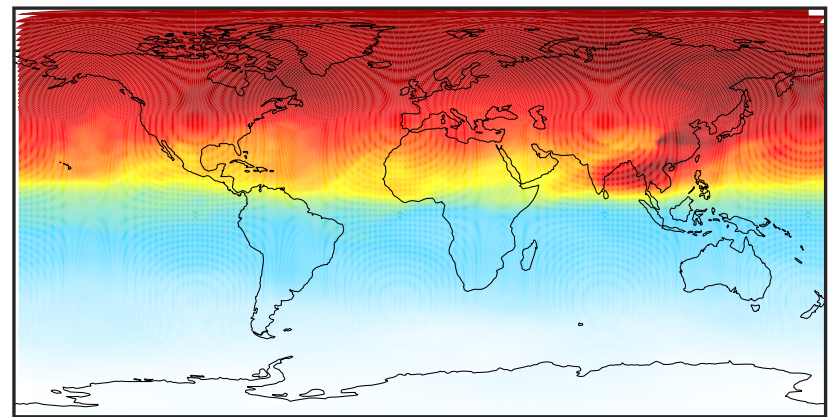
# SpeciesConcVV\_SF6 (Oct2019)

GCC 14.2.2 (Ref)  
4.0x5.0



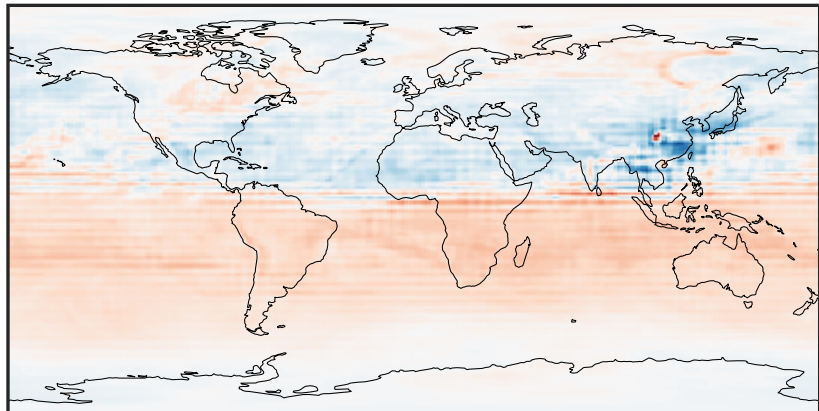
0.0027 0.0028 0.0029 0.0030  
ppb

GCHP 14.2.2 using wind (Dev)  
c180



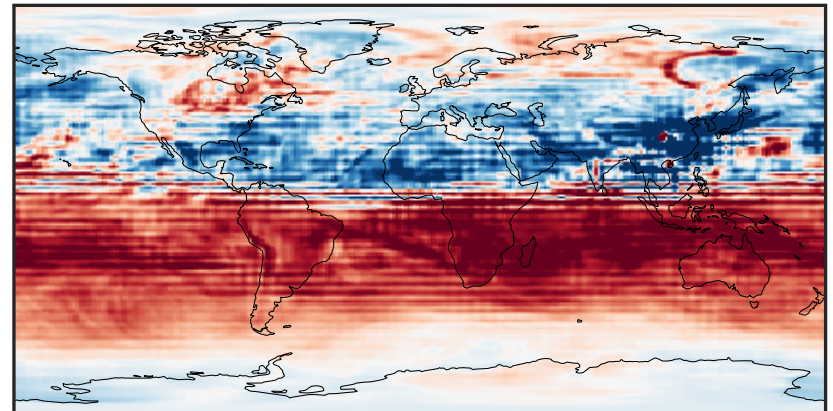
0.0027 0.0028 0.0029 0.0030  
ppb

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



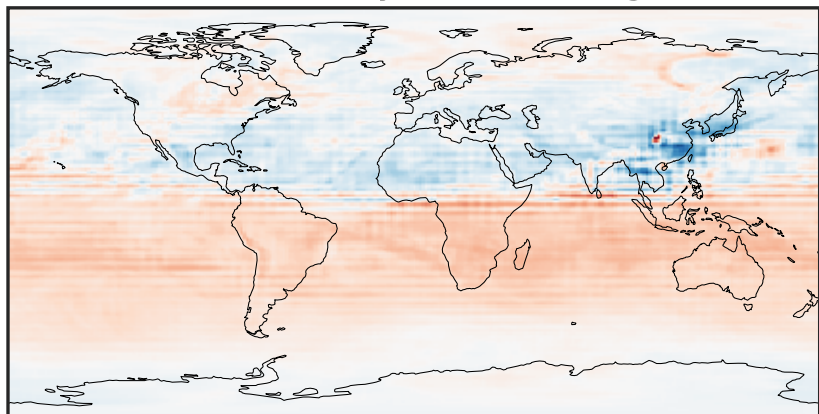
-4 0 4  
ppb 1e-5

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



-1 0 1  
ppb 1e-5

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



0.97757 0.98878 1.00000 1.01147 1.02294  
unitless

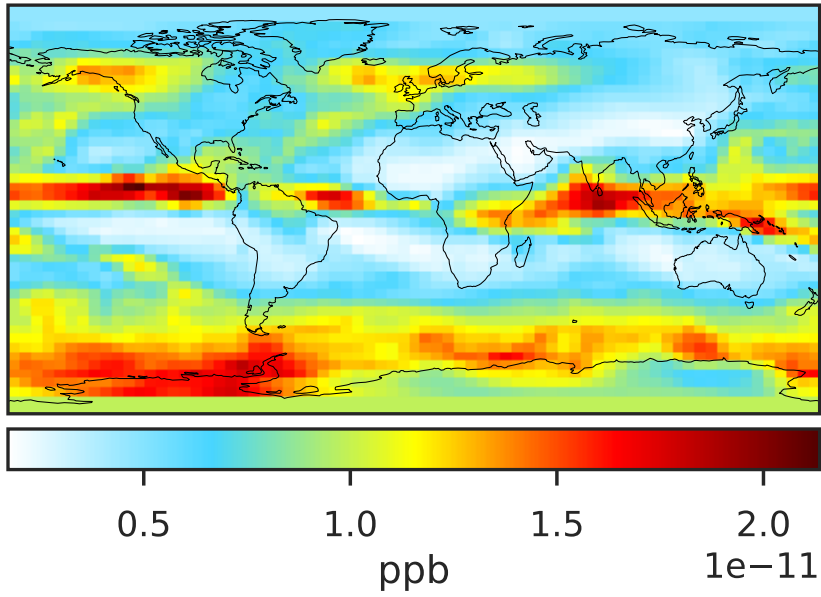
Ratio (1x1.25)  
Dev/Ref, Fixed Range



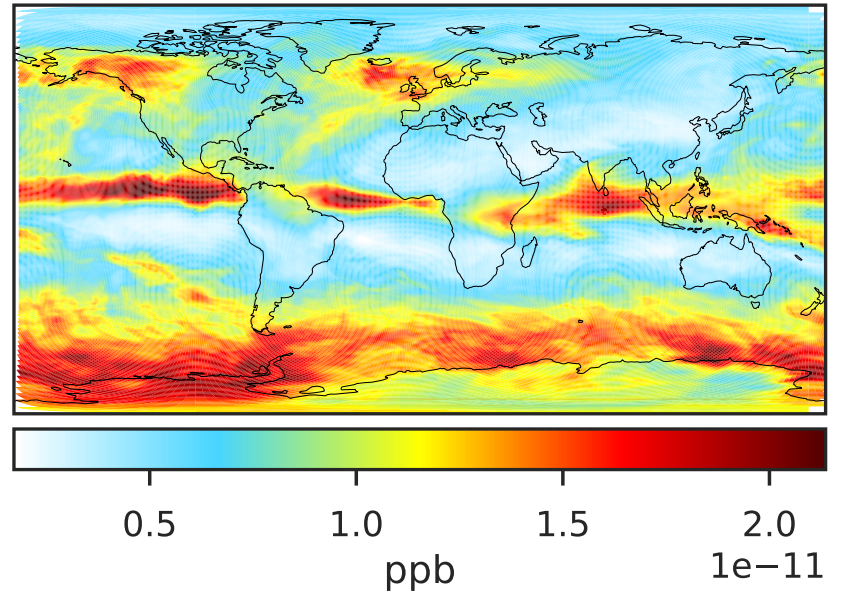
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_CH3I (Oct2019)

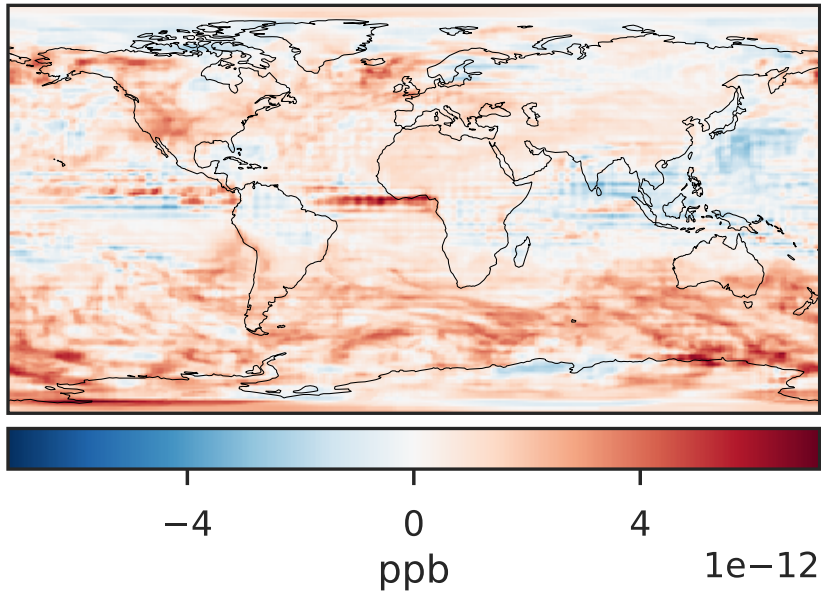
GCC 14.2.2 (Ref)  
4.0x5.0



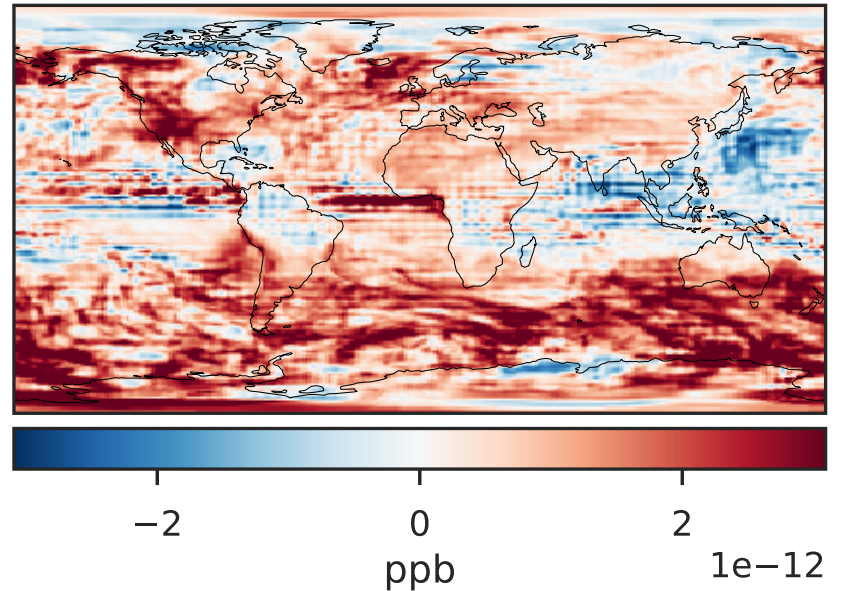
GCHP 14.2.2 using wind (Dev)  
c180



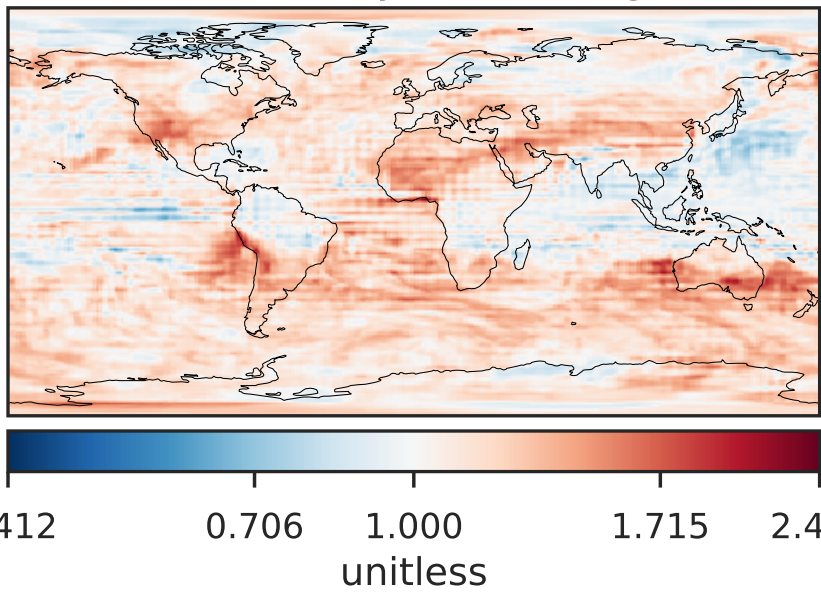
Difference (1x1.25)  
Dev - Ref, Dynamic Range



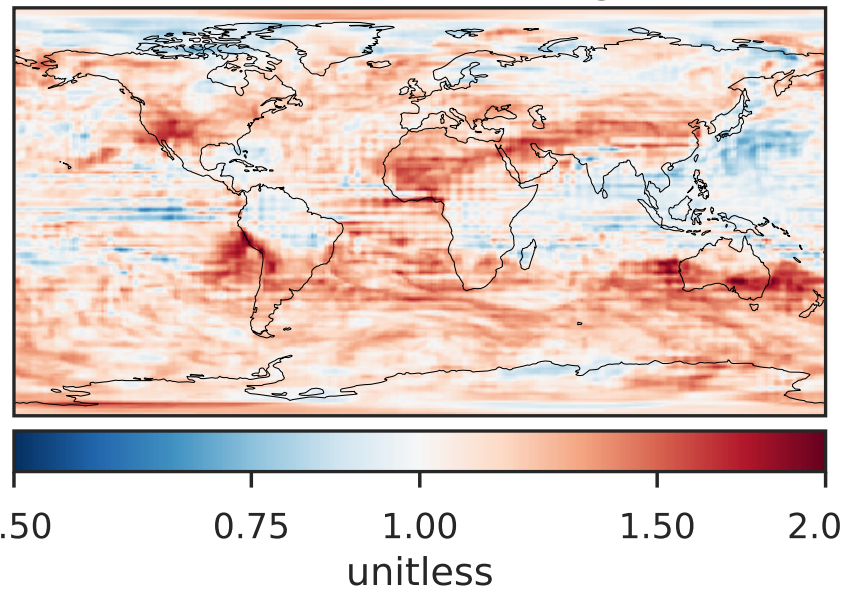
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

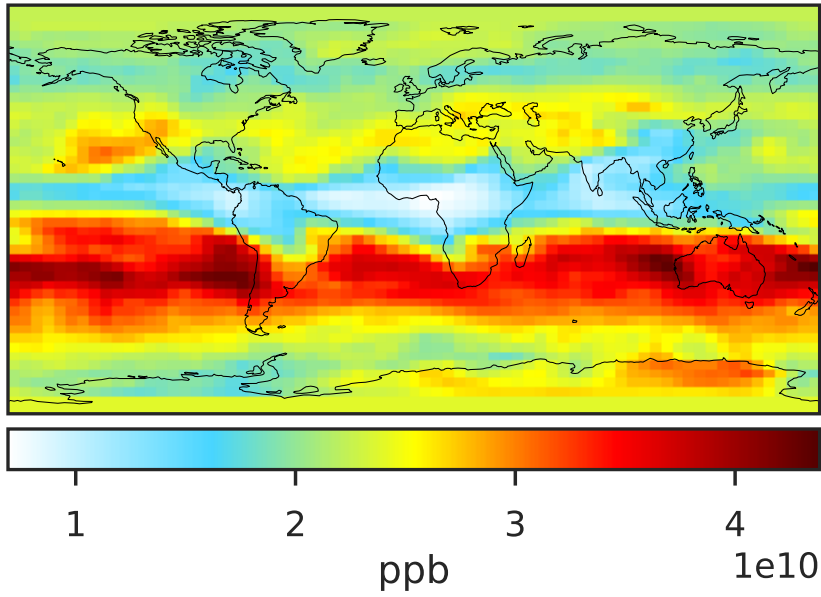


Ratio (1x1.25)  
Dev/Ref, Fixed Range

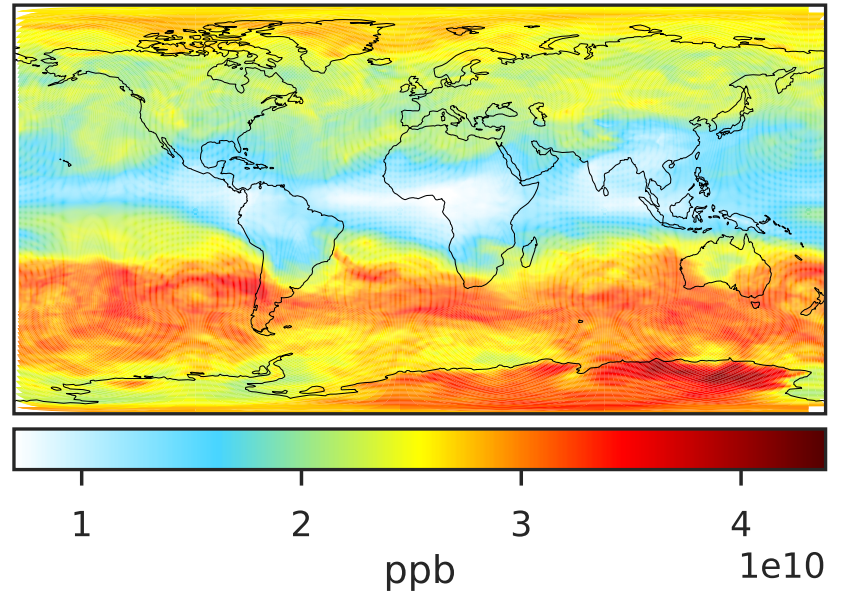


# SpeciesConcVV\_aoa (Oct2019)

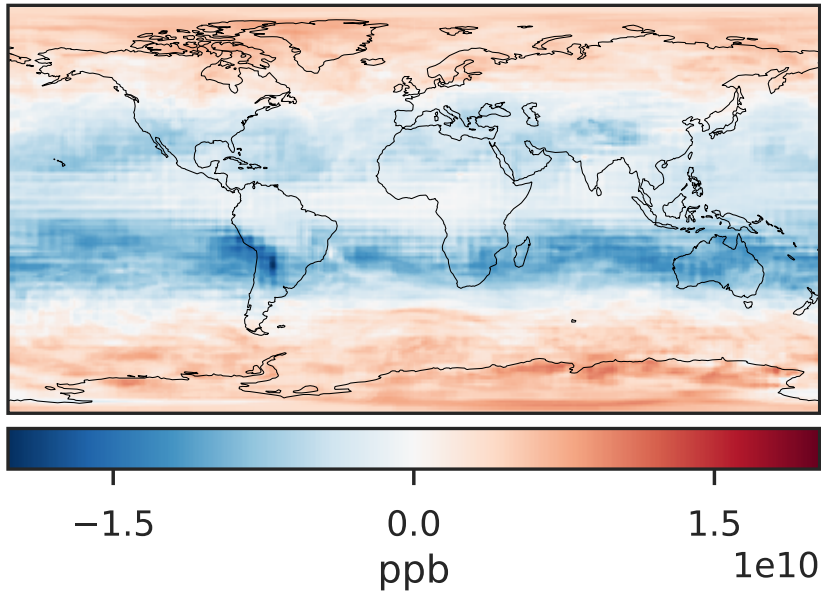
GCC 14.2.2 (Ref)  
4.0x5.0



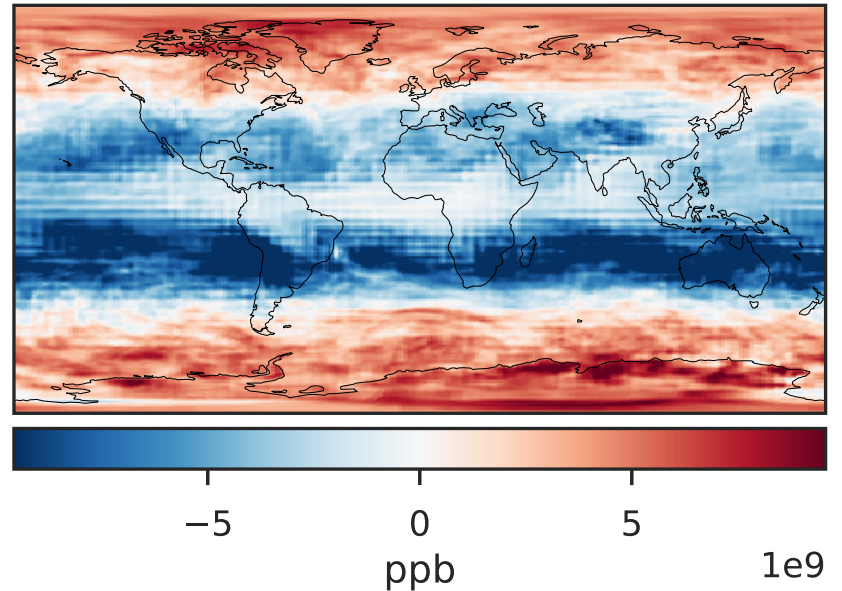
GCHP 14.2.2 using wind (Dev)  
c180



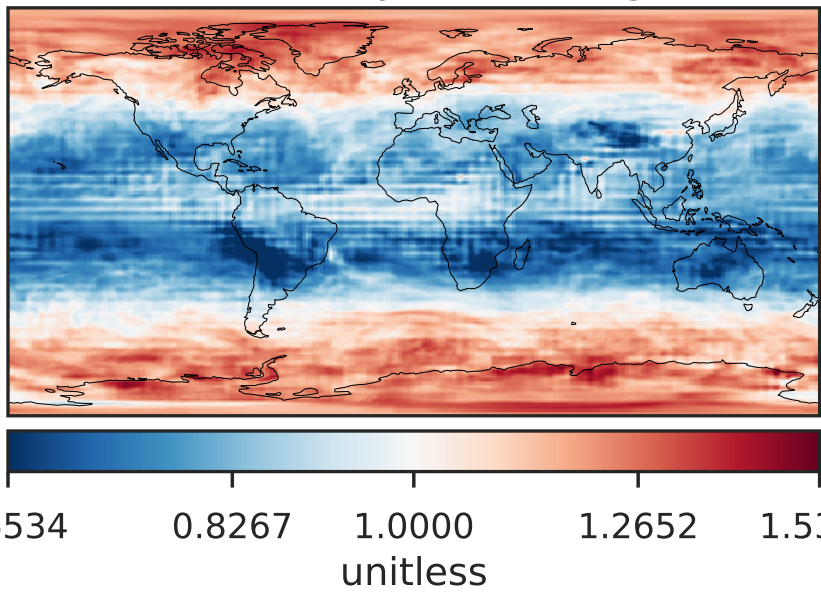
Difference (1x1.25)  
Dev - Ref, Dynamic Range



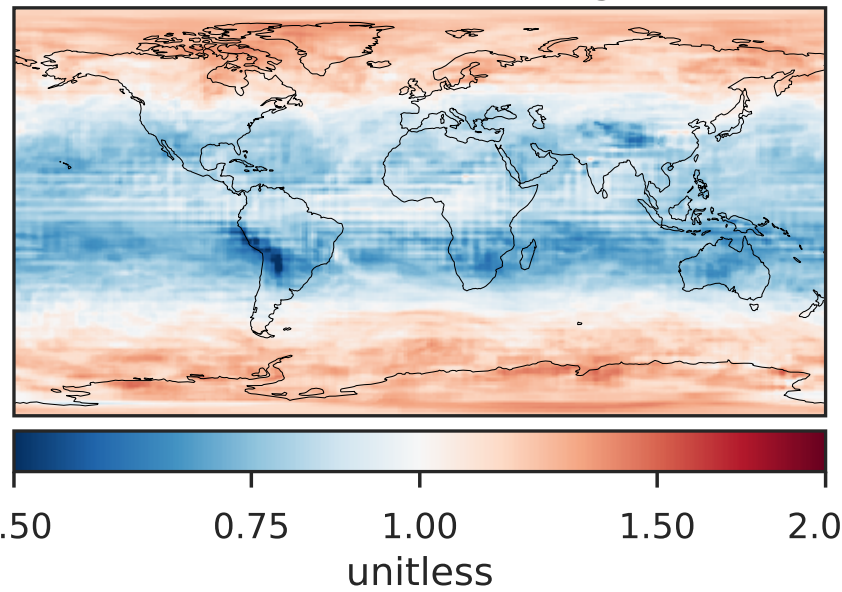
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

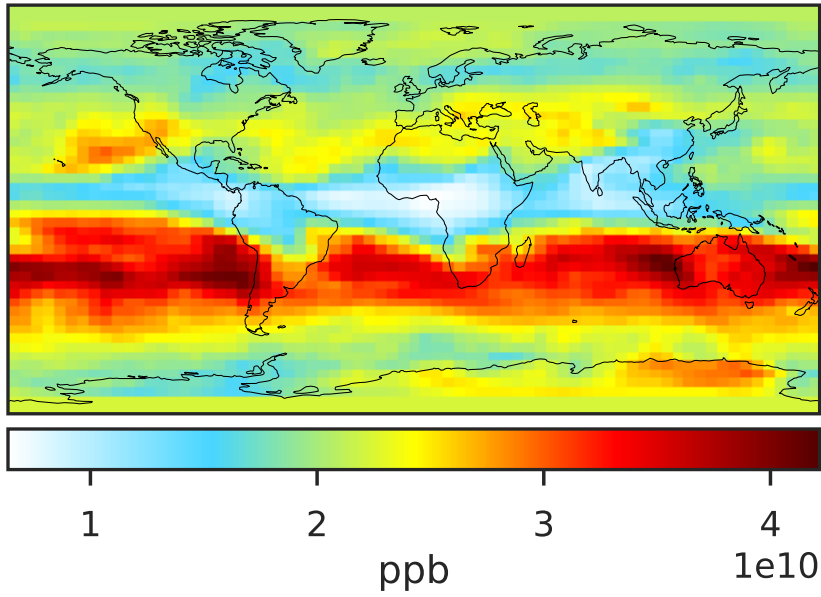


Ratio (1x1.25)  
Dev/Ref, Fixed Range

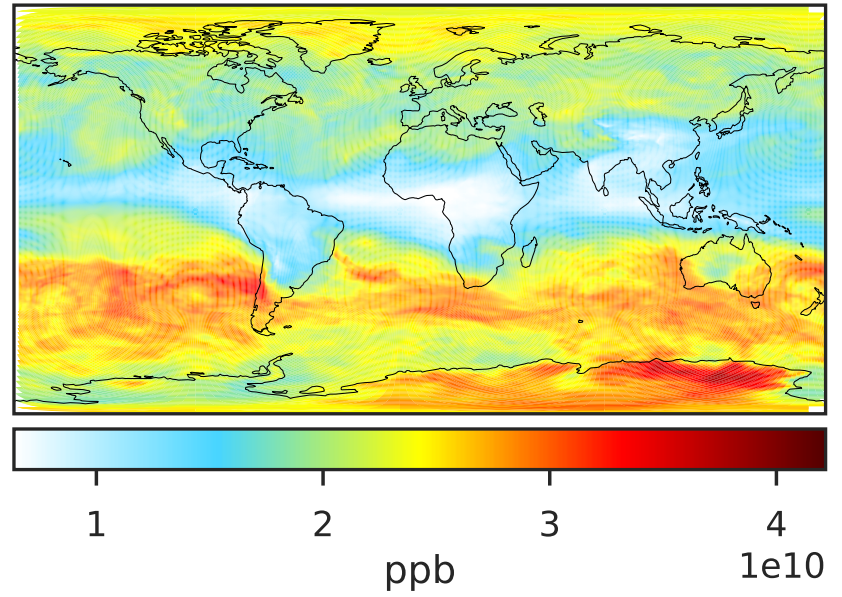


# SpeciesConcVV\_aoa\_bl (Oct2019)

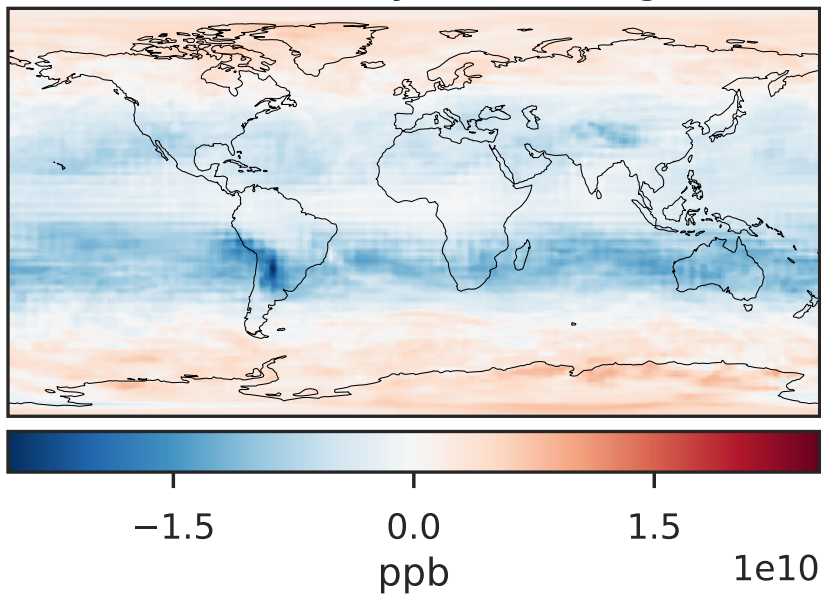
GCC 14.2.2 (Ref)  
4.0x5.0



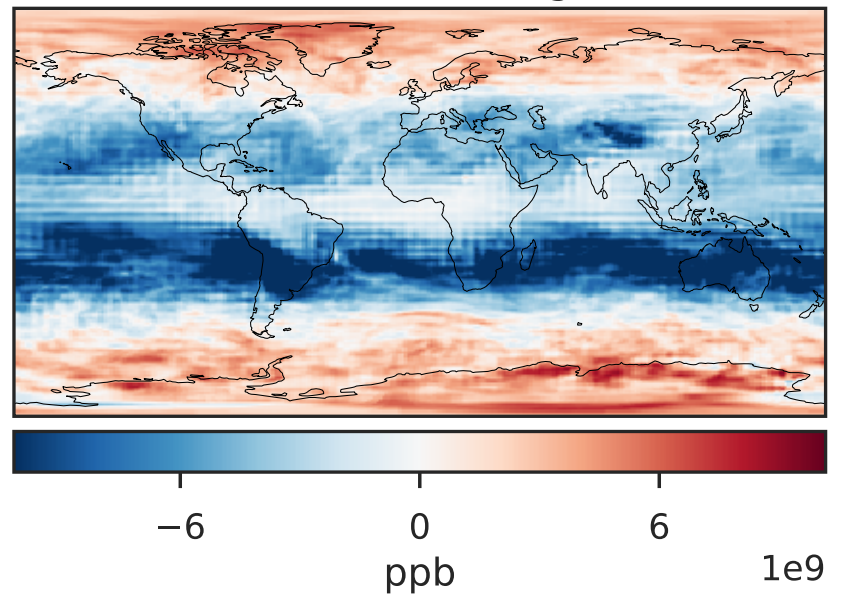
GCHP 14.2.2 using wind (Dev)  
c180



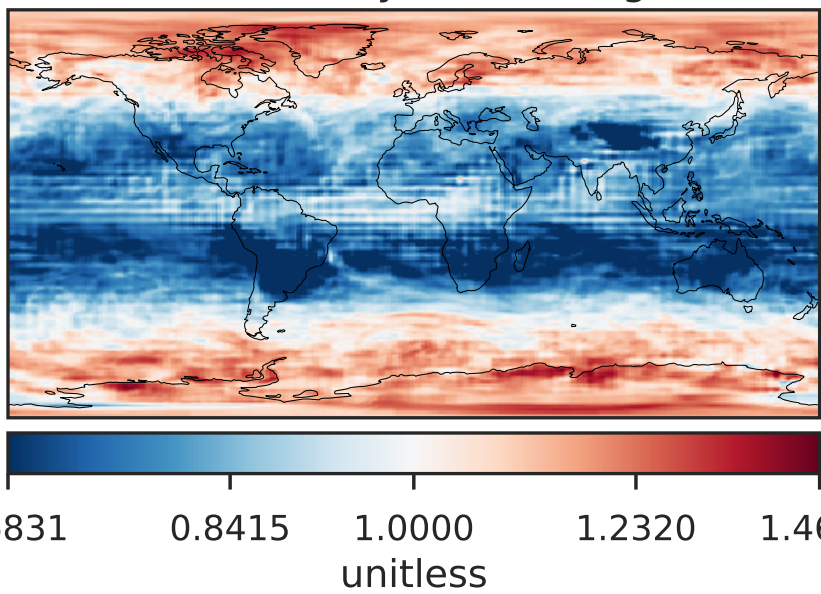
Difference (1x1.25)  
Dev - Ref, Dynamic Range



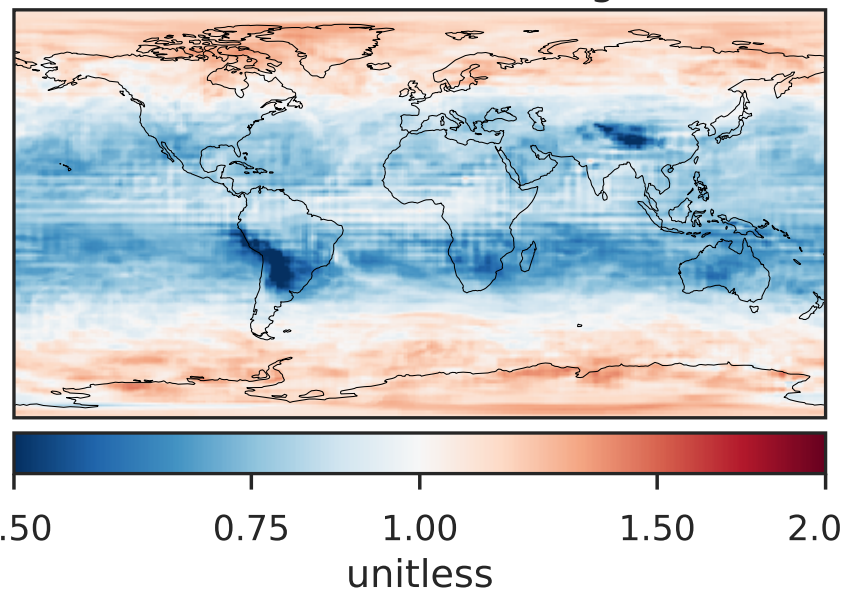
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

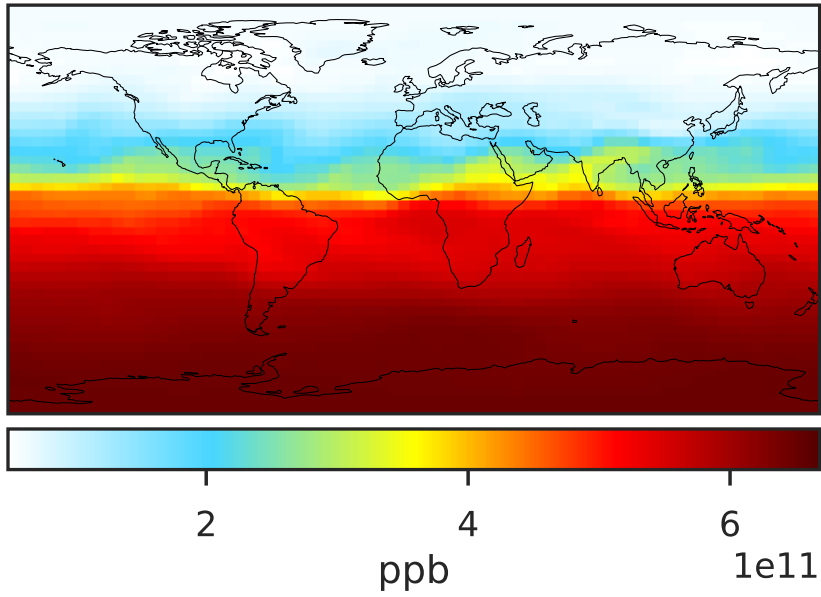


Ratio (1x1.25)  
Dev/Ref, Fixed Range

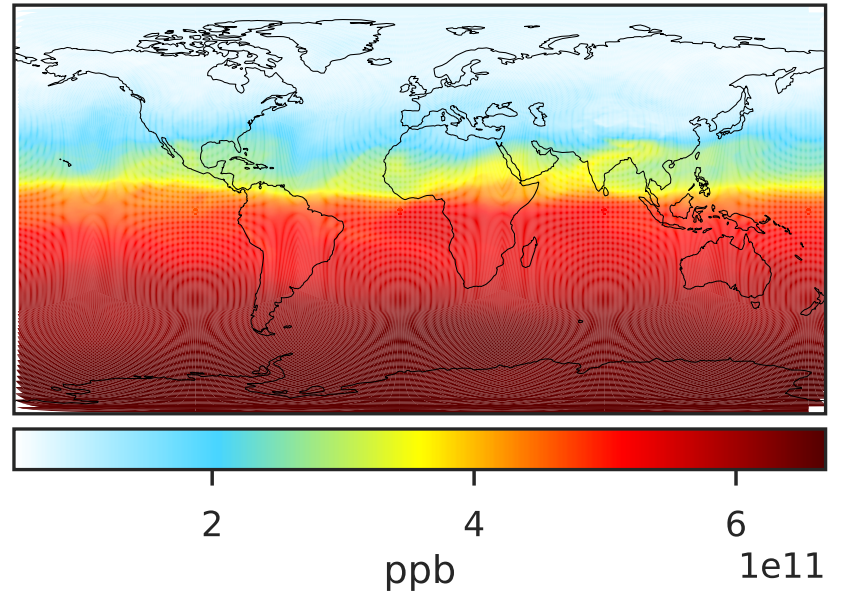


# SpeciesConcVW\_aoa\_nh (Oct2019)

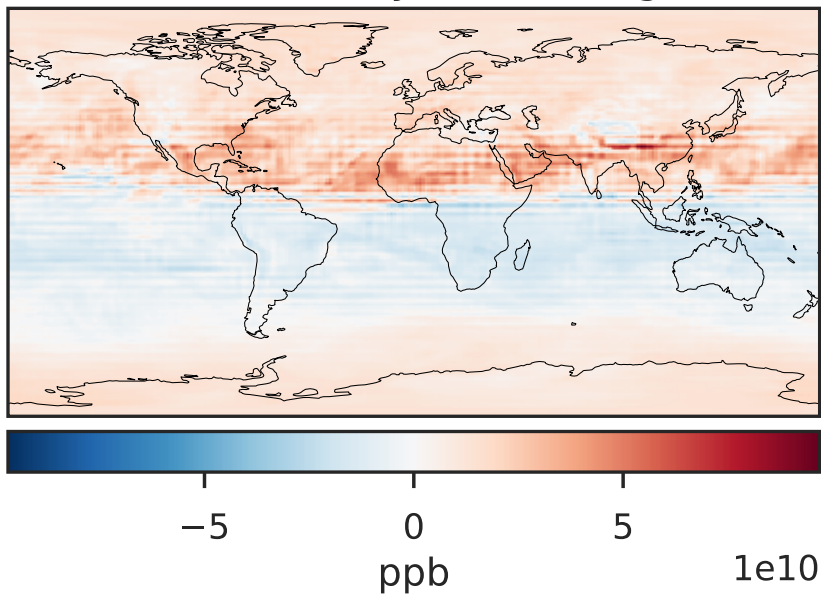
GCC 14.2.2 (Ref)  
4.0x5.0



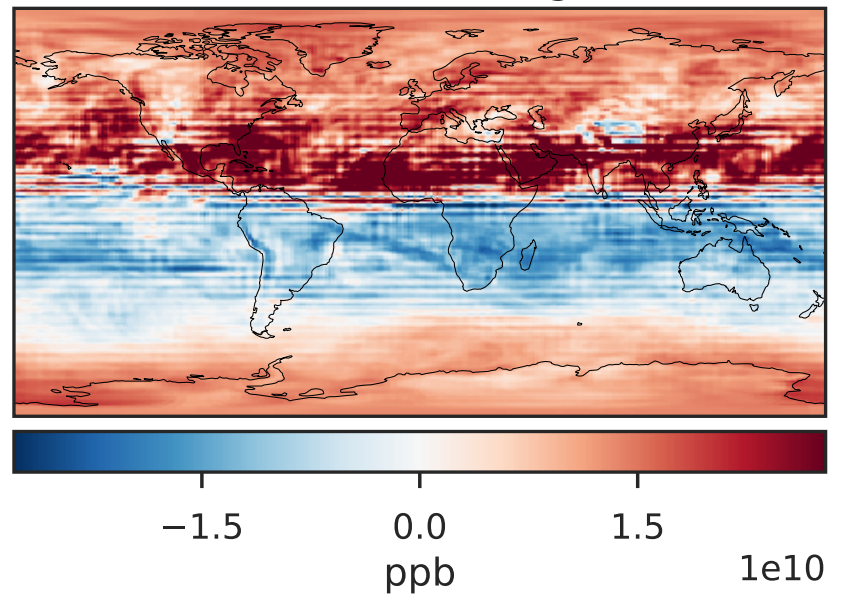
GCHP 14.2.2 using wind (Dev)  
c180



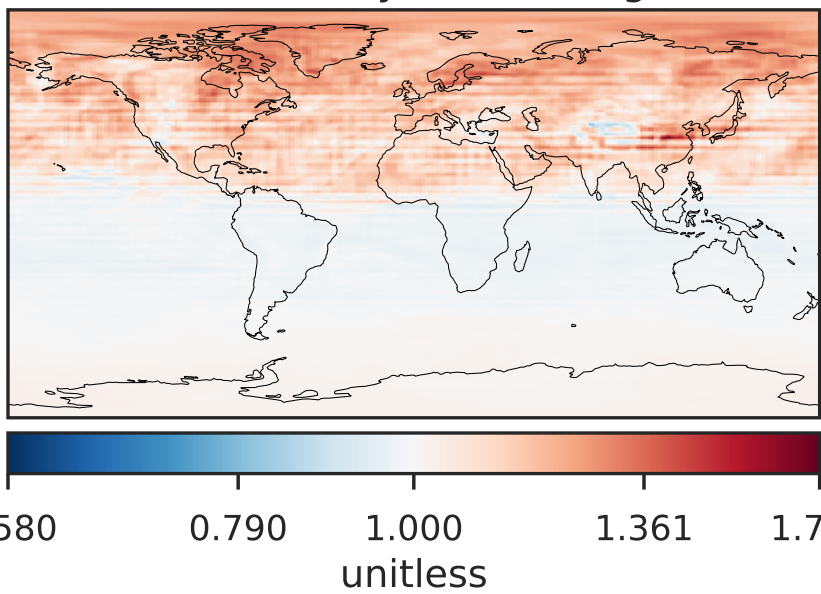
Difference (1x1.25)  
Dev - Ref, Dynamic Range



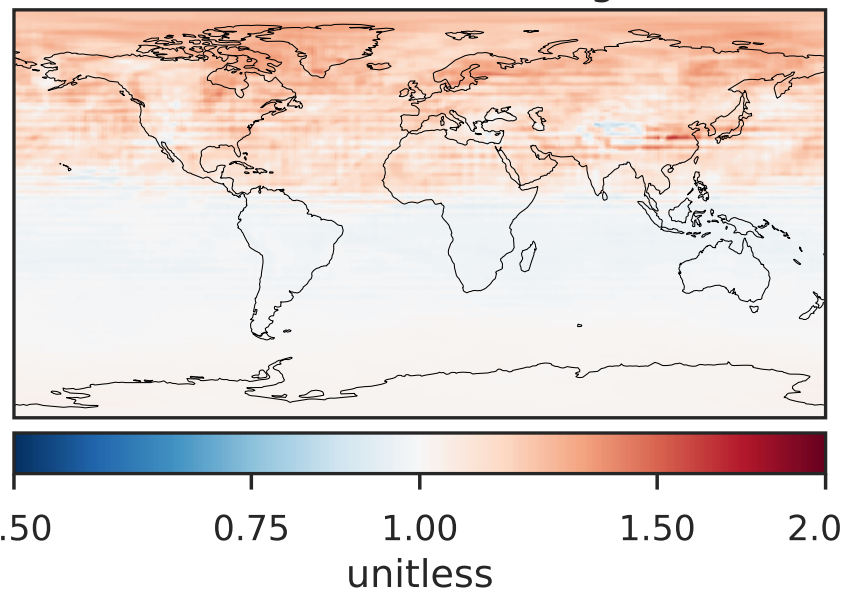
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

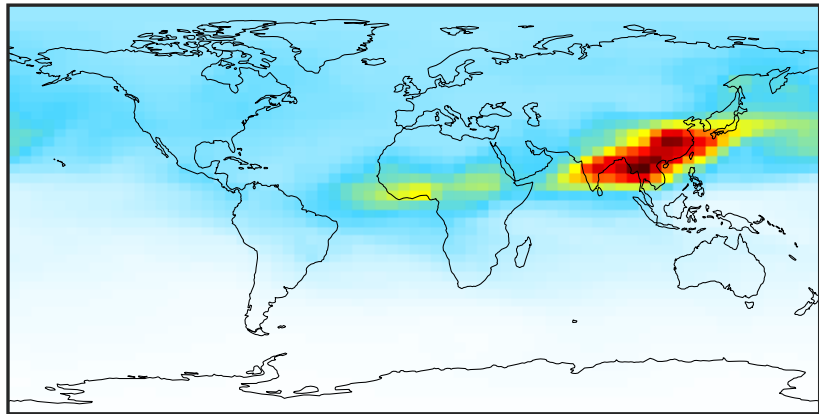


Ratio (1x1.25)  
Dev/Ref, Fixed Range



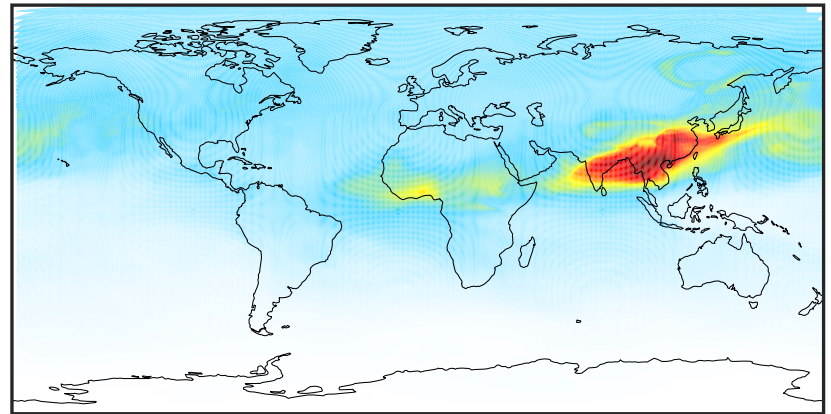
# SpeciesConcVV\_CO\_25 (Oct2019)

GCC 14.2.2 (Ref)  
4.0x5.0



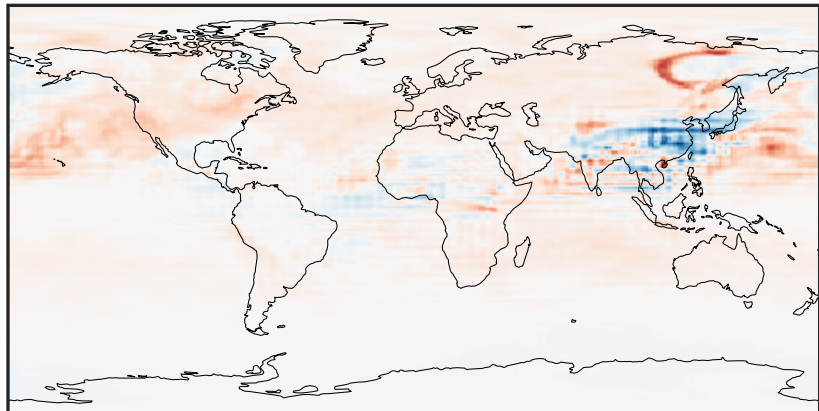
0.70 12.75 24.81 36.87 48.93  
ppb

GCHP 14.2.2 using wind (Dev)  
c180



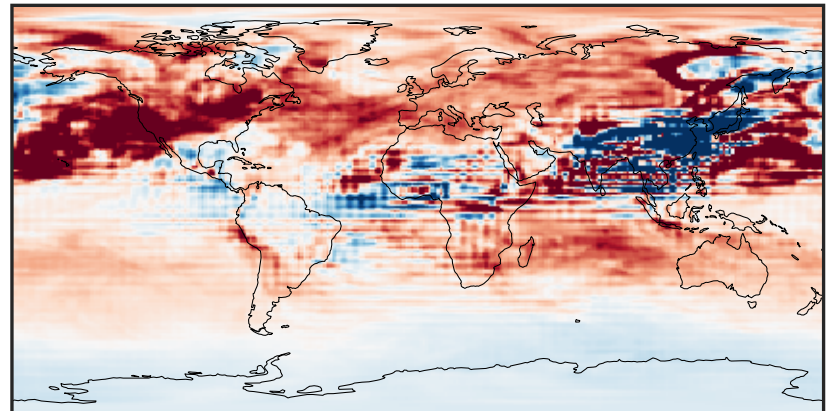
0.70 12.75 24.81 36.87 48.93  
ppb

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



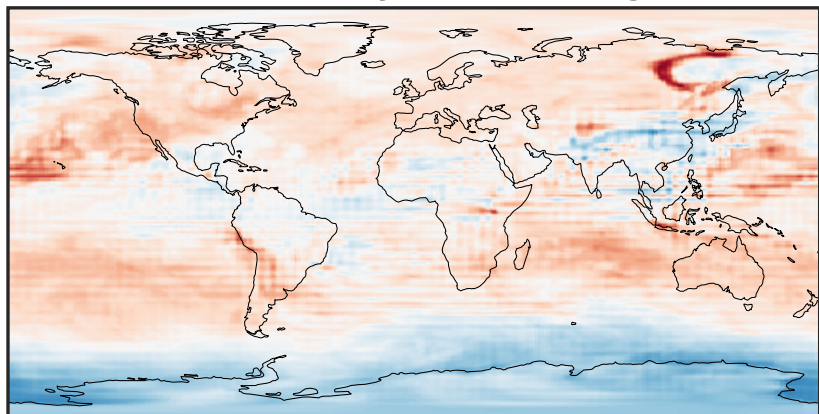
-11.27 -5.63 0.00 5.63 11.27  
ppb

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



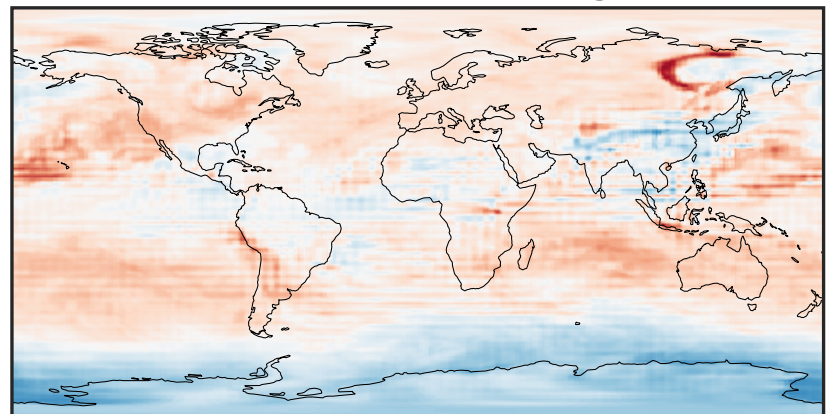
-1.722 -0.861 0.000 0.861 1.722  
ppb

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



0.514 0.757 1.000 1.473 1.945  
unitless

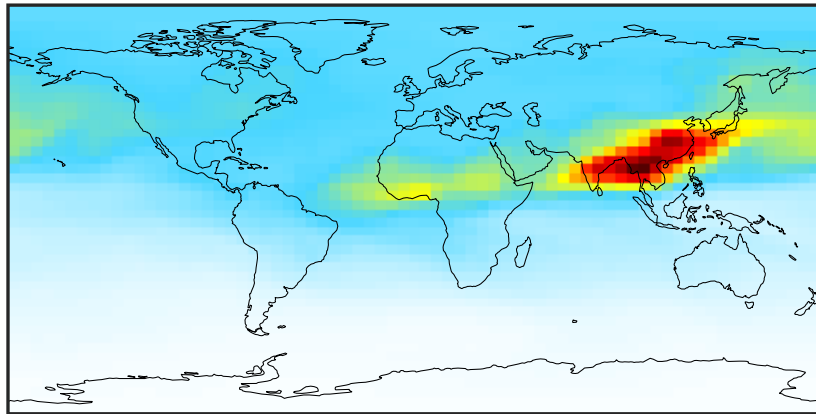
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

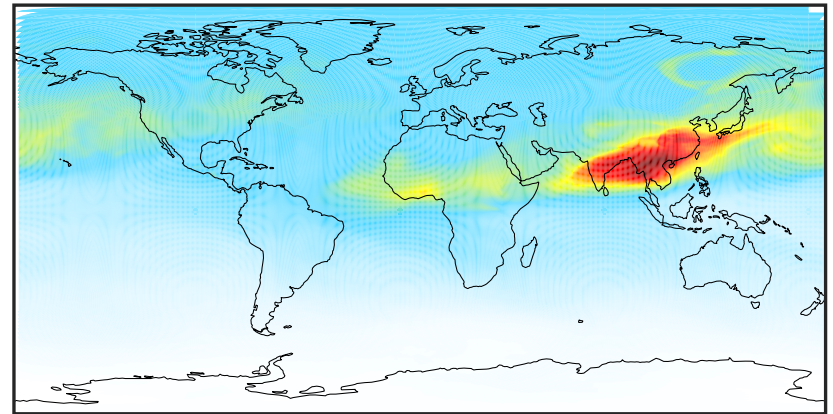
# SpeciesConcVV\_CO\_50 (Oct2019)

GCC 14.2.2 (Ref)  
4.0x5.0



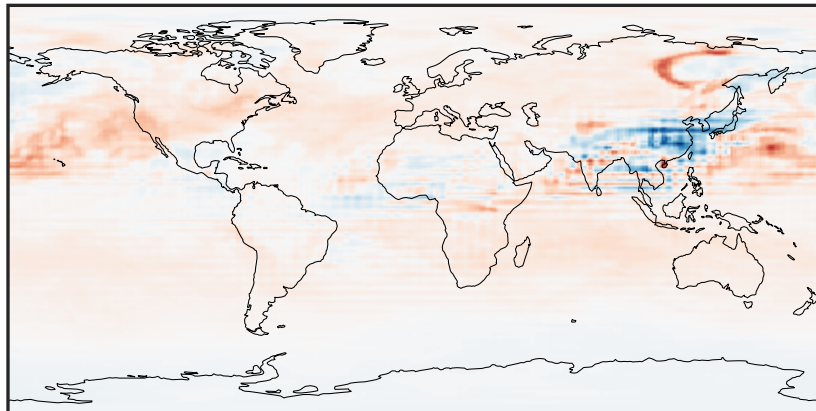
3.06 20.17 37.28 54.39 71.50  
ppb

GCHP 14.2.2 using wind (Dev)  
c180



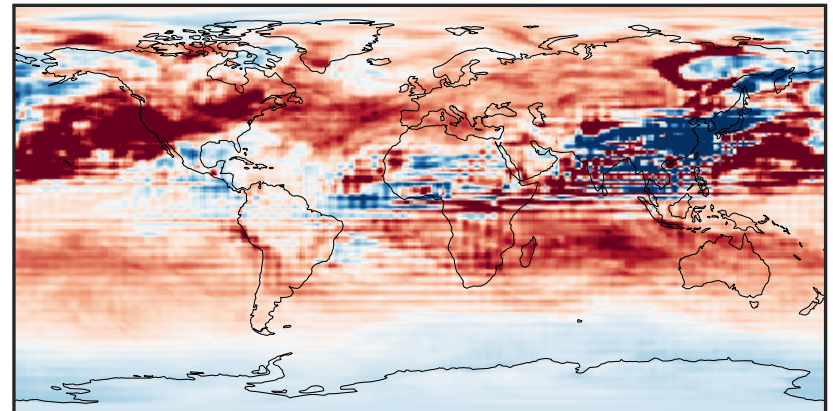
3.06 20.17 37.28 54.39 71.50  
ppb

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



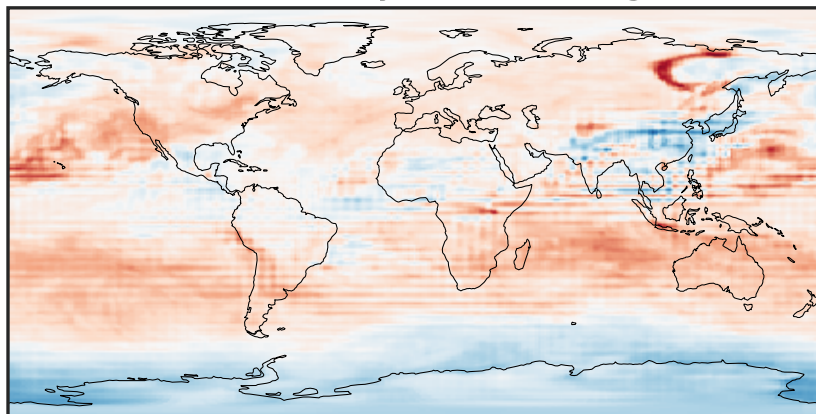
-13.50 -6.75 0.00 6.75 13.50  
ppb

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



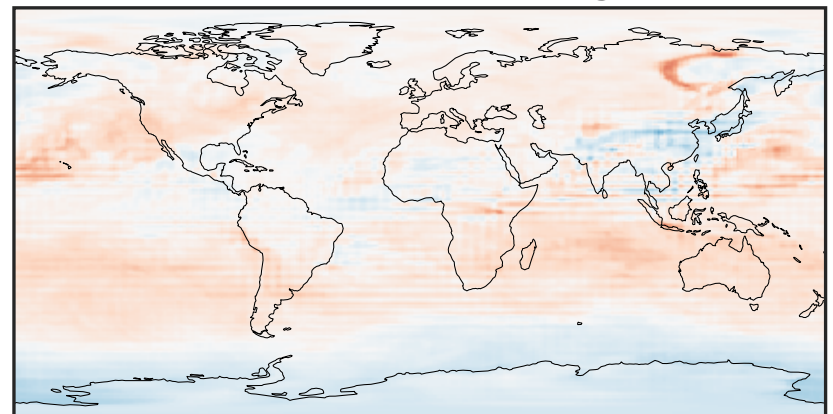
-2.191 -1.096 0.000 1.096 2.191  
ppb

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



0.6678 0.8339 1.0000 1.2488 1.4976  
unitless

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

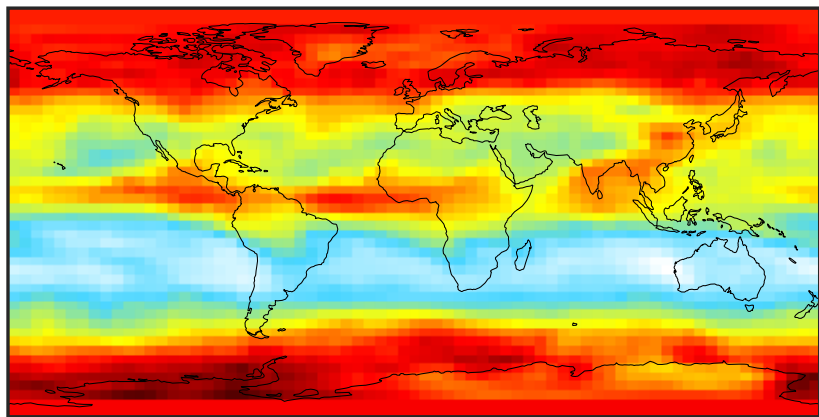


0.50 0.75 1.00 1.50 2.00  
unitless



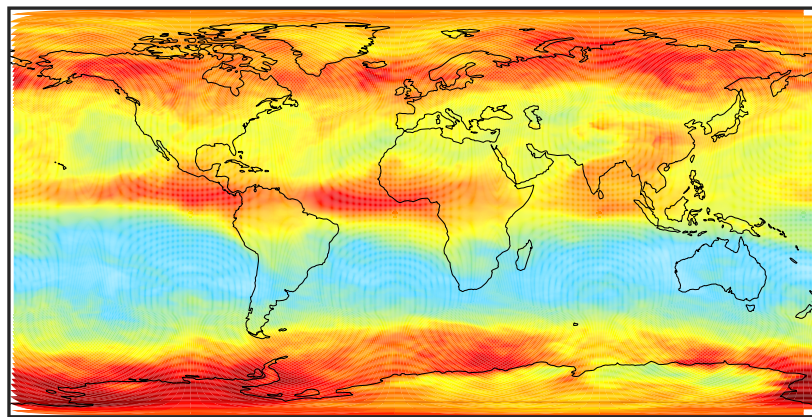
# SpeciesConcVV\_e90 (Oct2019)

GCC 14.2.2 (Ref)  
4.0x5.0



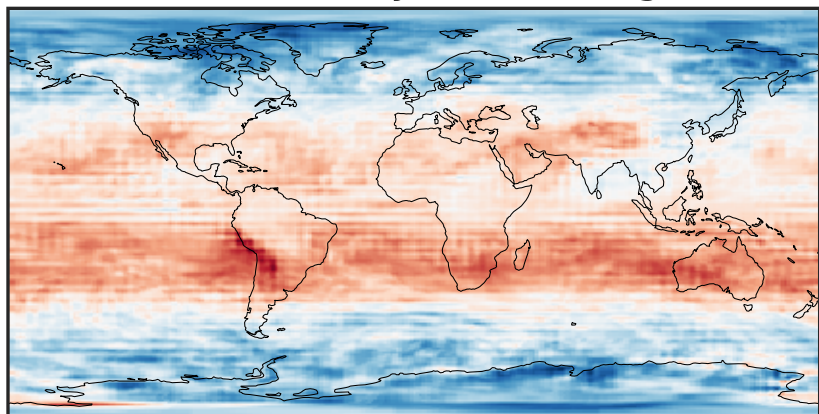
61.95 68.48 75.00 81.53 88.06  
ppb

GCHP 14.2.2 using wind (Dev)  
c180



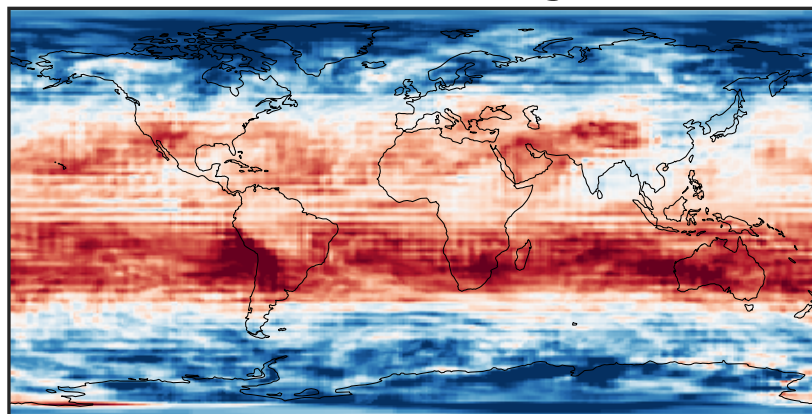
61.95 68.48 75.00 81.53 88.06  
ppb

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



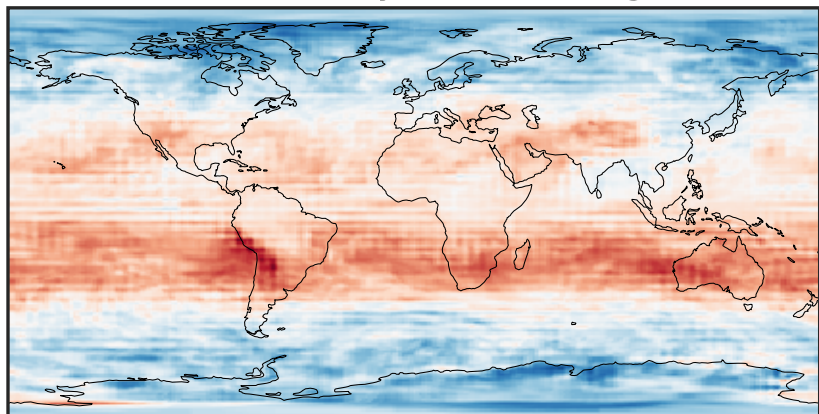
-7.03 -3.51 0.00 3.51 7.03  
ppb

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



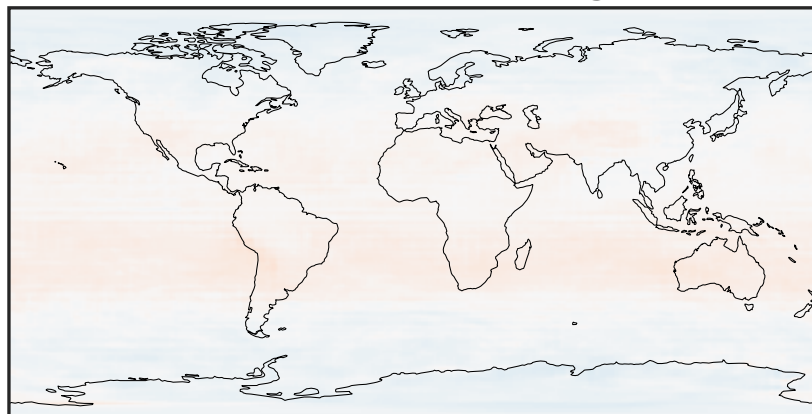
-4.187 -2.094 0.000 2.094 4.187  
ppb

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



0.9023 0.9511 1.0000 1.0542 1.1083  
unitless

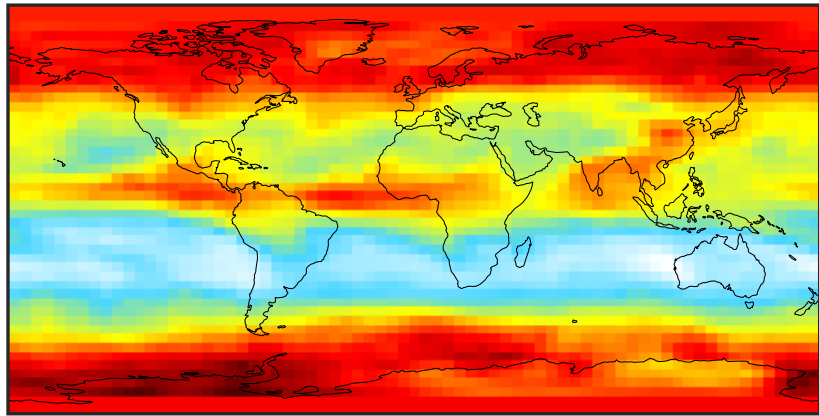
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

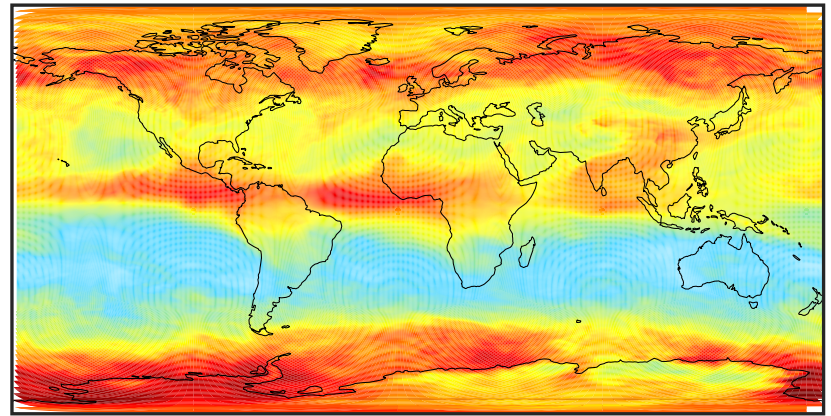
# SpeciesConcVV\_e90\_n (Oct2019)

GCC 14.2.2 (Ref)  
4.0x5.0



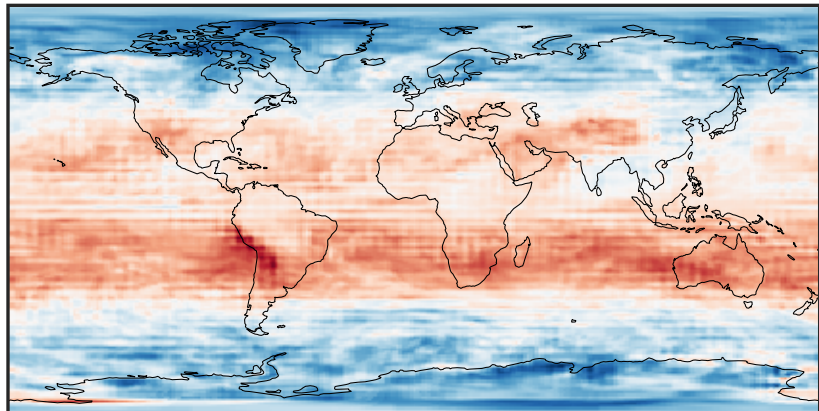
61.95 68.48 75.00 81.53 88.06  
ppb

GCHP 14.2.2 using wind (Dev)  
c180



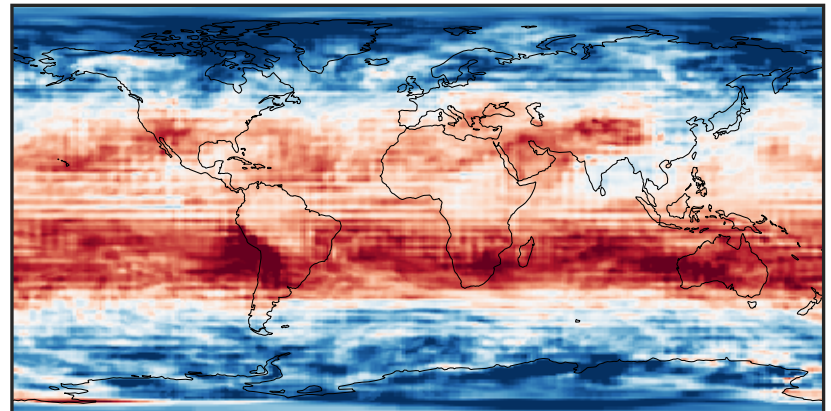
61.95 68.48 75.00 81.53 88.06  
ppb

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



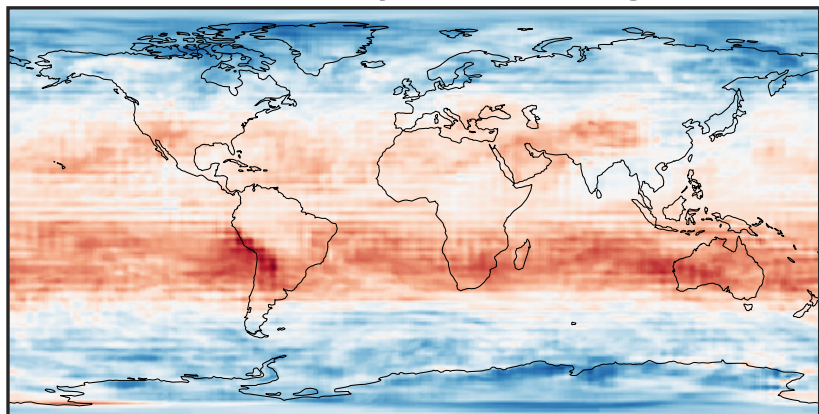
-7.03 -3.51 0.00 3.51 7.03  
ppb

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



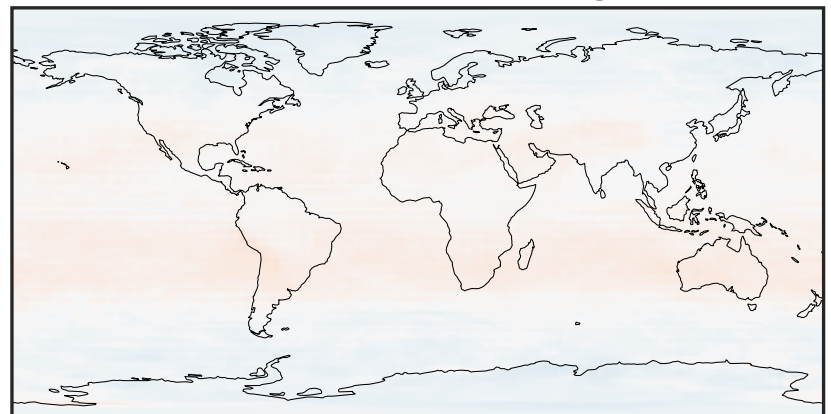
-4.187 -2.094 0.000 2.094 4.187  
ppb

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



0.9023 0.9511 1.0000 1.0542 1.1083  
unitless

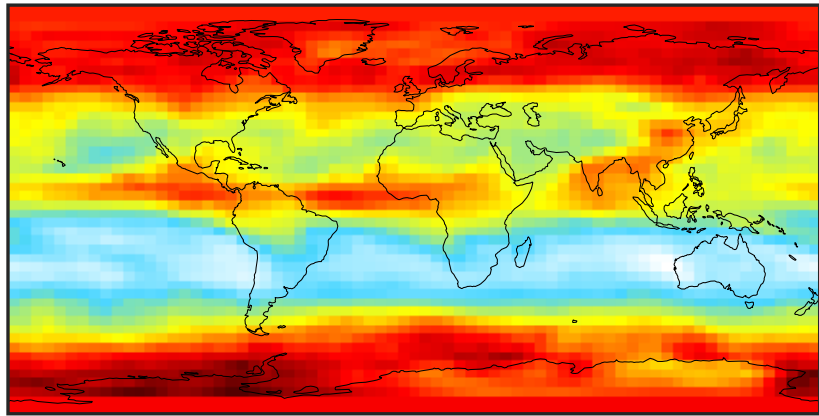
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

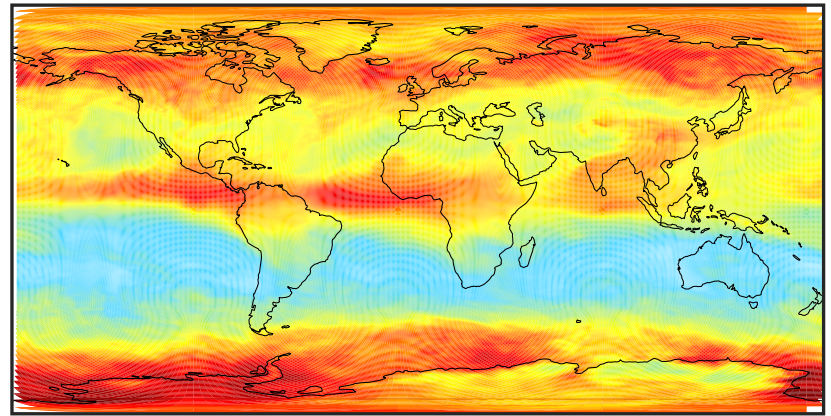
# SpeciesConcVV\_e90\_s (Oct2019)

GCC 14.2.2 (Ref)  
4.0x5.0



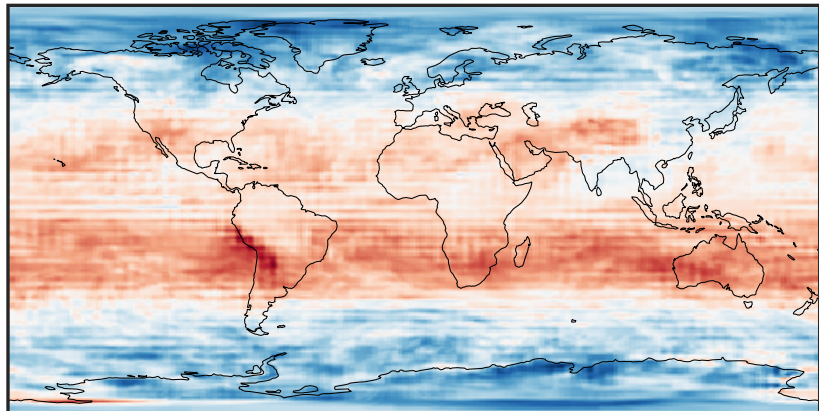
61.95 68.48 75.00 81.53 88.06  
ppb

GCHP 14.2.2 using wind (Dev)  
c180



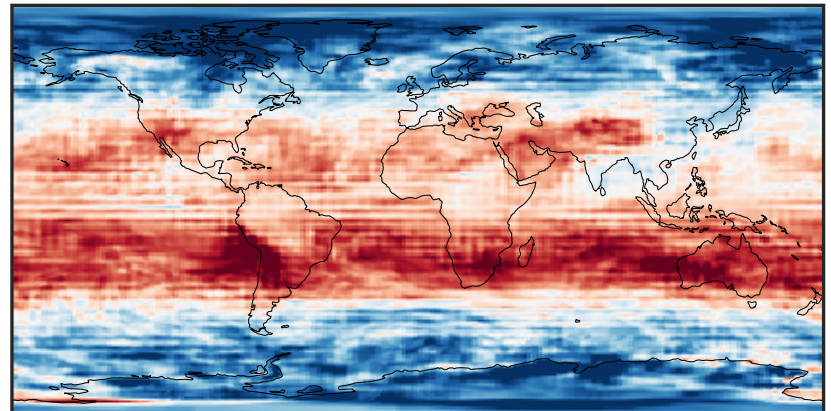
61.95 68.48 75.00 81.53 88.06  
ppb

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



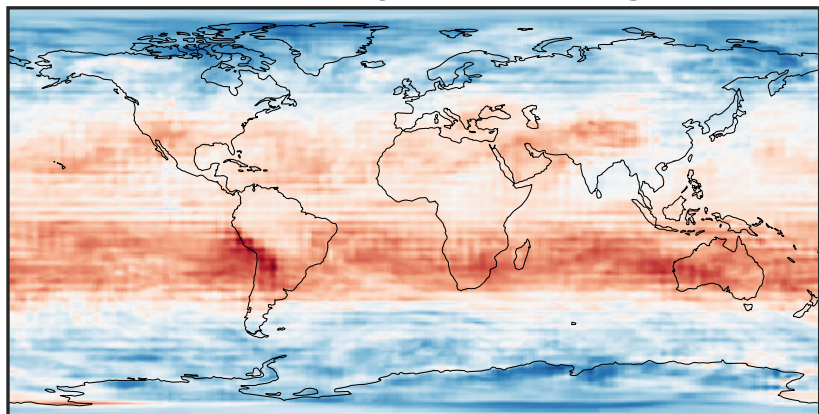
-7.03 -3.51 0.00 3.51 7.03  
ppb

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



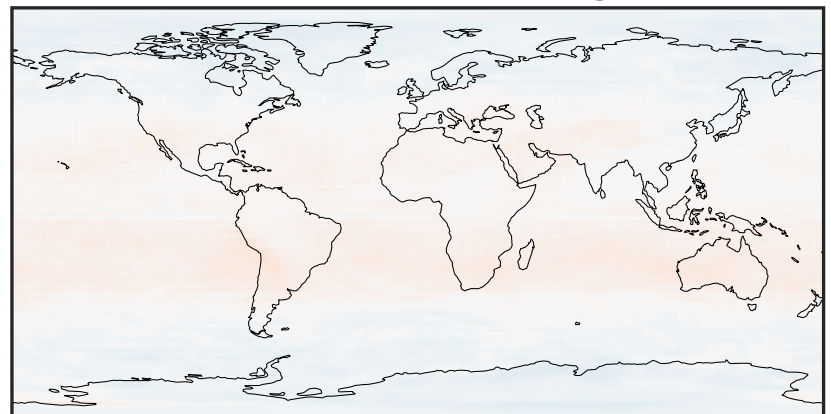
-4.187 -2.094 0.000 2.094 4.187  
ppb

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



0.9023 0.9511 1.0000 1.0542 1.1083  
unitless

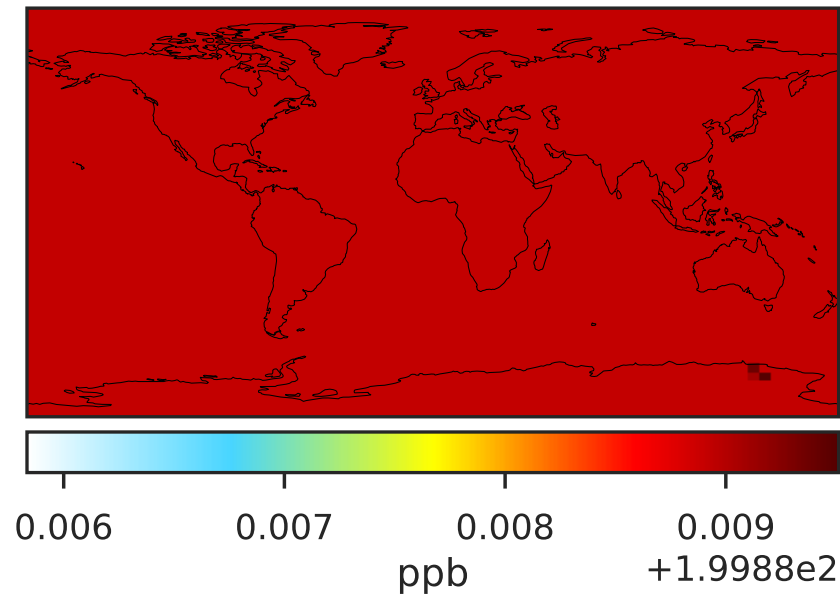
Ratio (1x1.25)  
Dev/Ref, Fixed Range



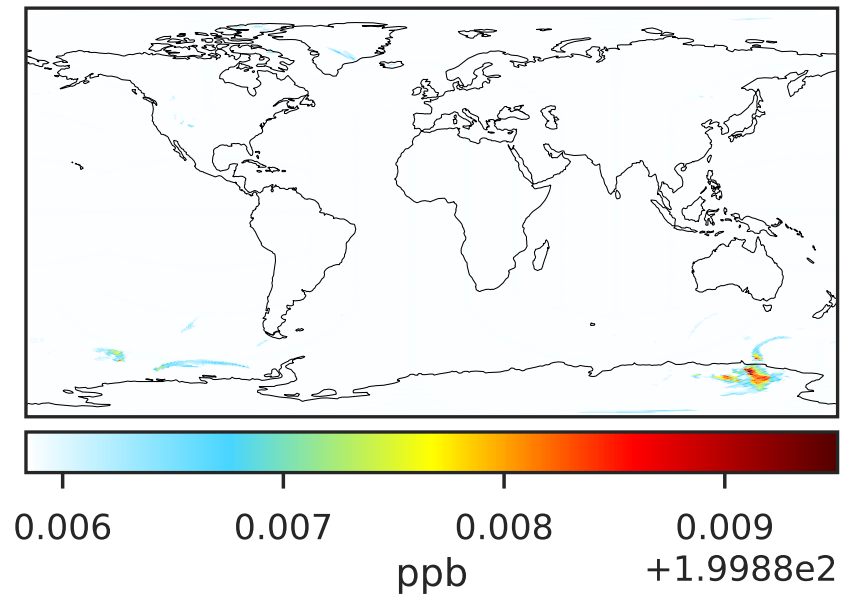
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_st80\_25 (Oct2019)

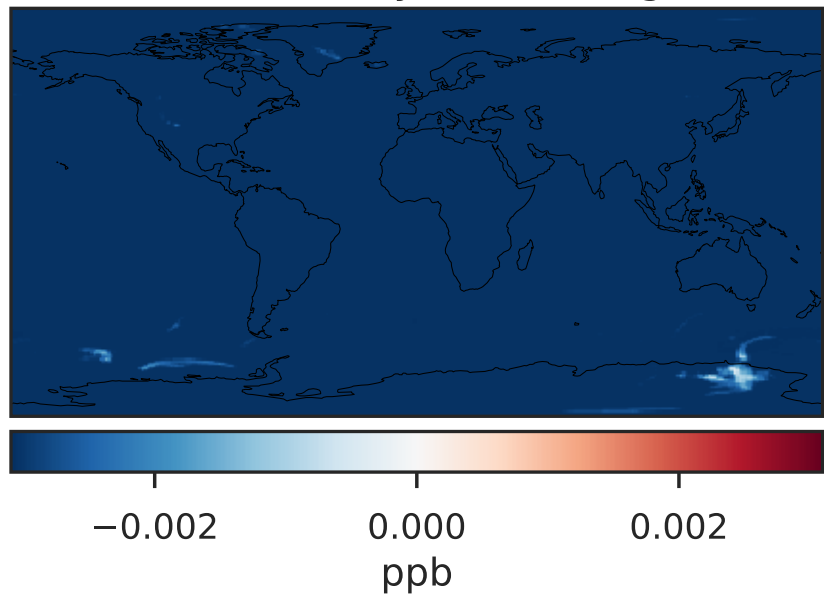
GCC 14.2.2 (Ref)  
4.0x5.0



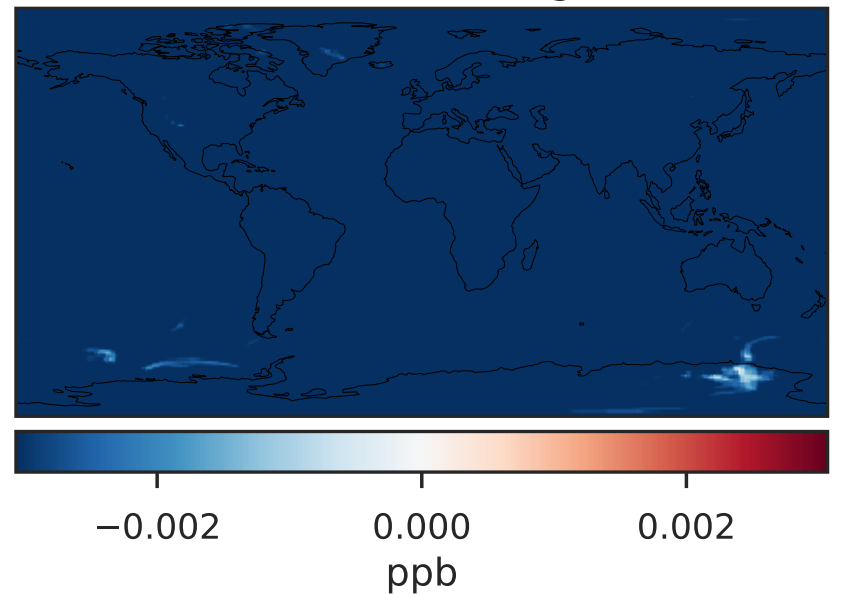
GCHP 14.2.2 using wind (Dev)  
c180



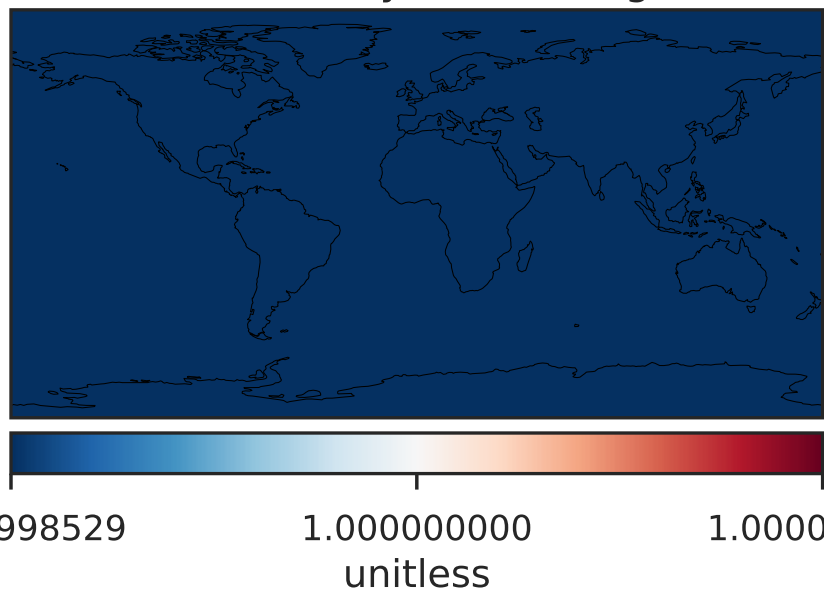
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



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



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

