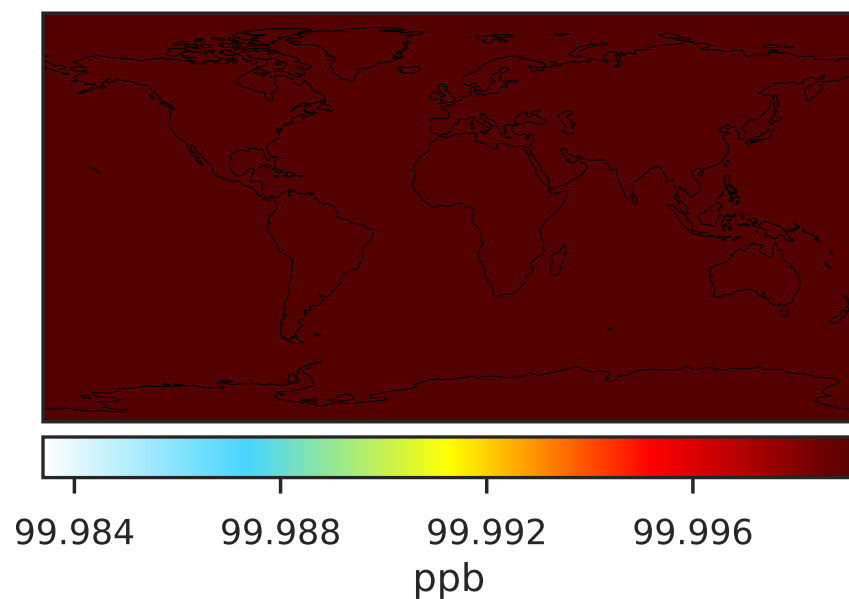
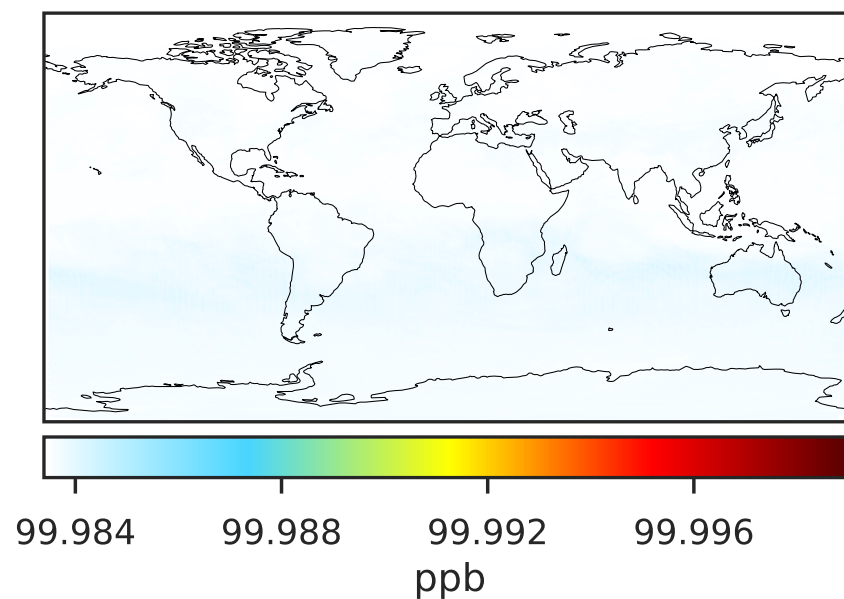


# SpeciesConcVV\_PassiveTracer (AnnualMean)

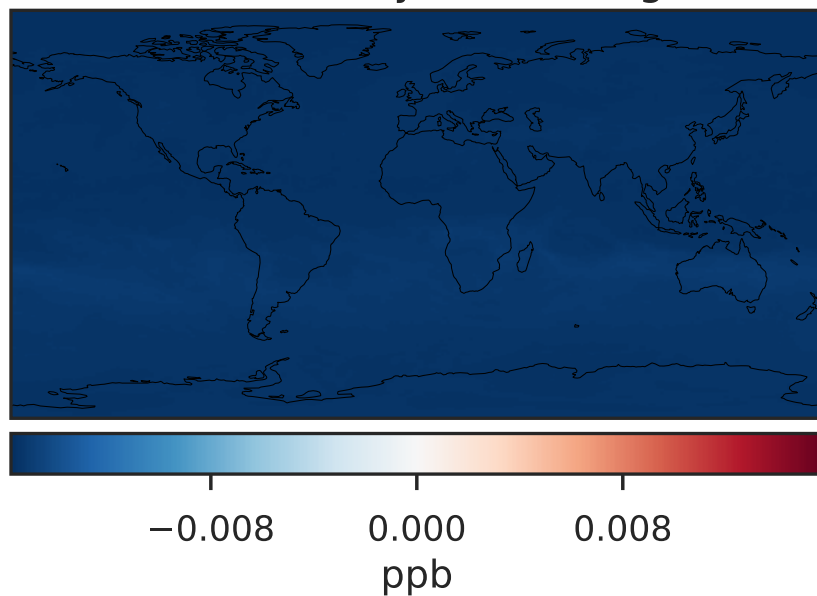
GCC 14.2.2 (Ref)  
4.0x5.0



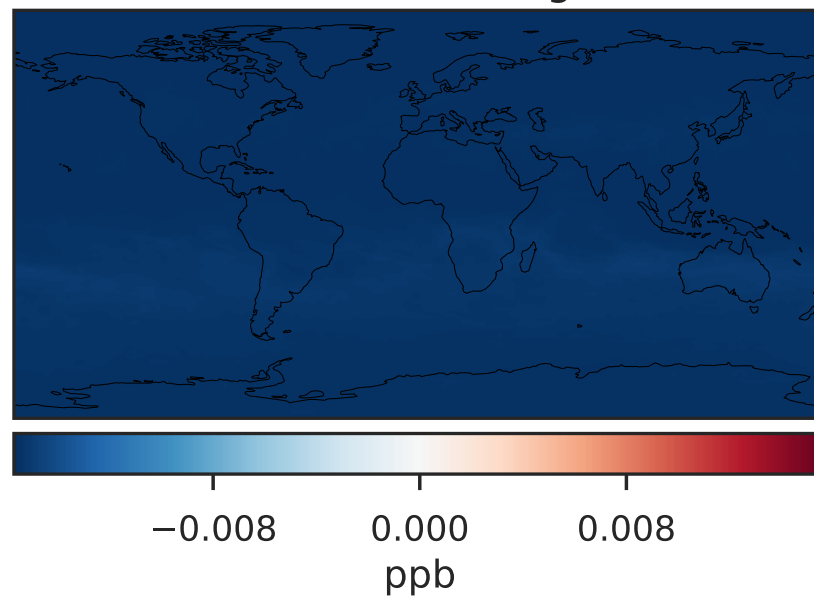
GCHP 14.2.2 using wind (Dev)  
c180



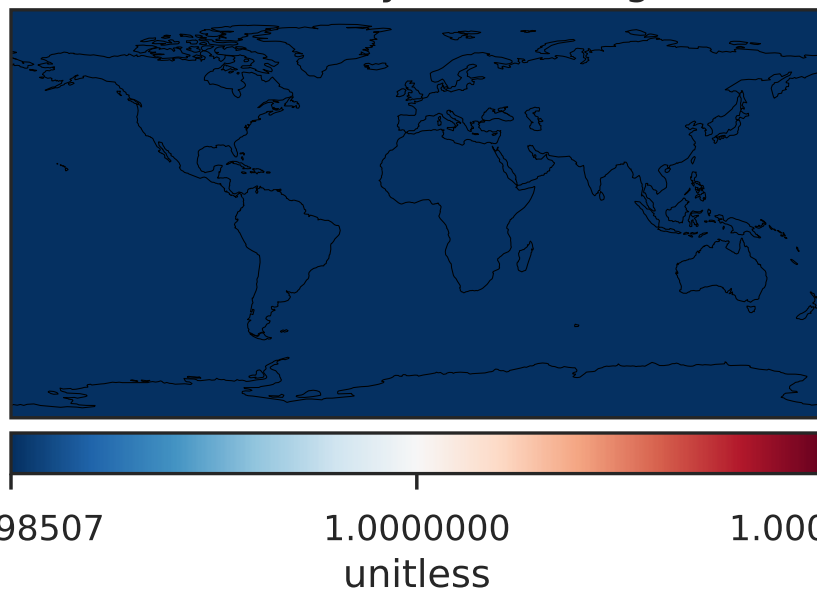
Difference (1x1.25)  
Dev - Ref, Dynamic Range



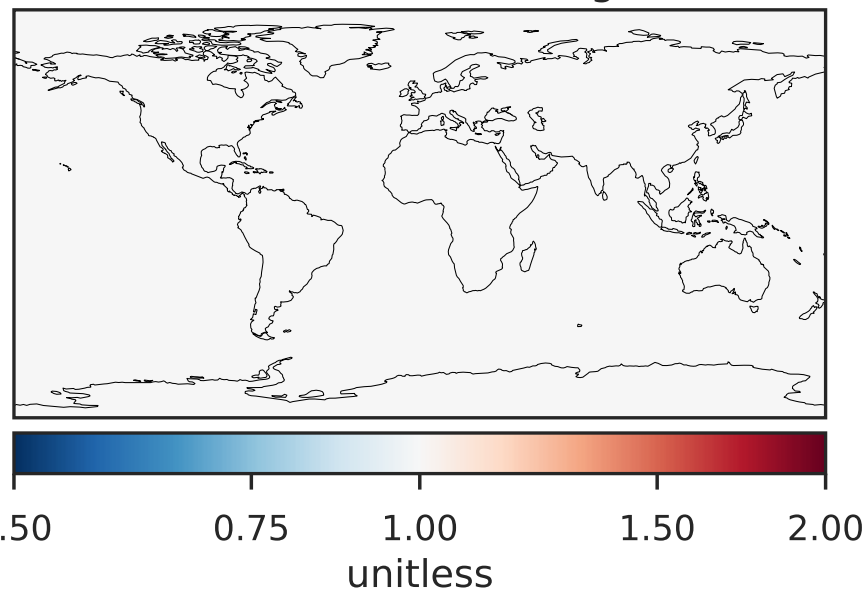
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

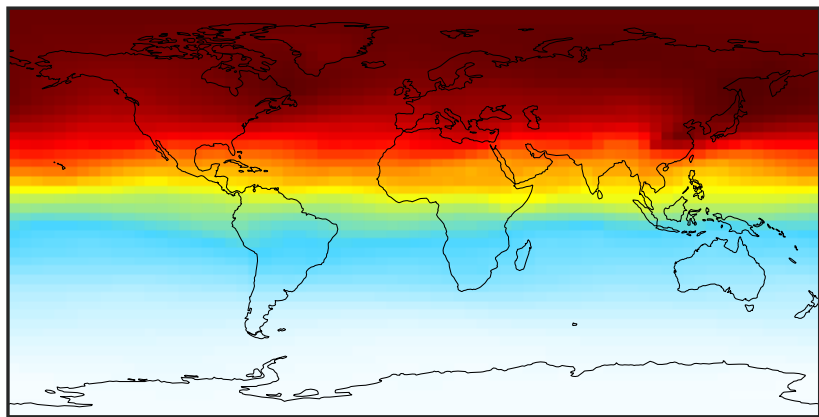


Ratio (1x1.25)  
Dev/Ref, Fixed Range



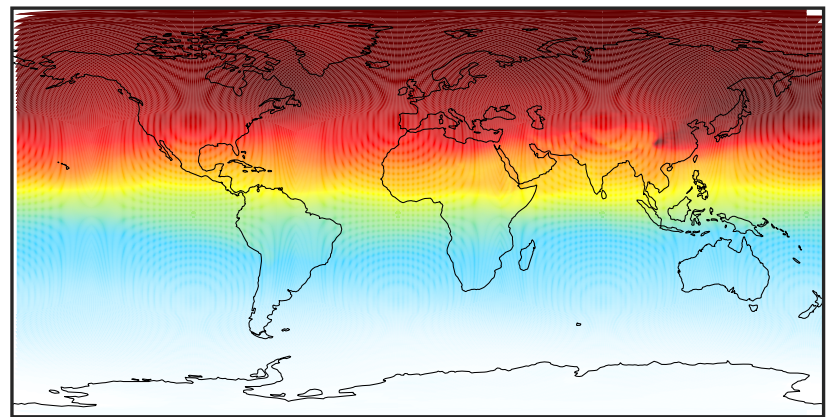
# SpeciesConcVV\_SF6 (AnnualMean)

GCC 14.2.2 (Ref)  
4.0x5.0



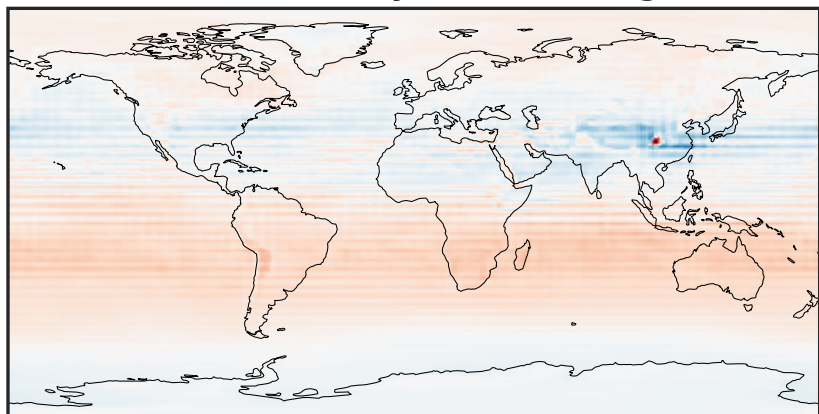
0.0026 0.0027 0.0028 0.0029  
ppb

GCHP 14.2.2 using wind (Dev)  
c180



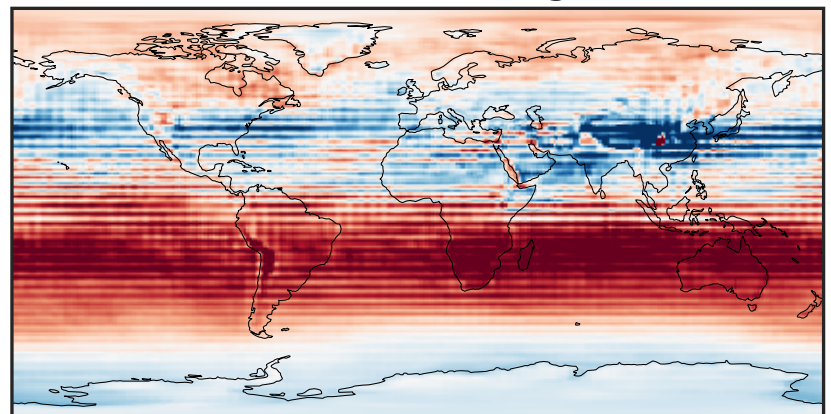
0.0026 0.0027 0.0028 0.0029  
ppb

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



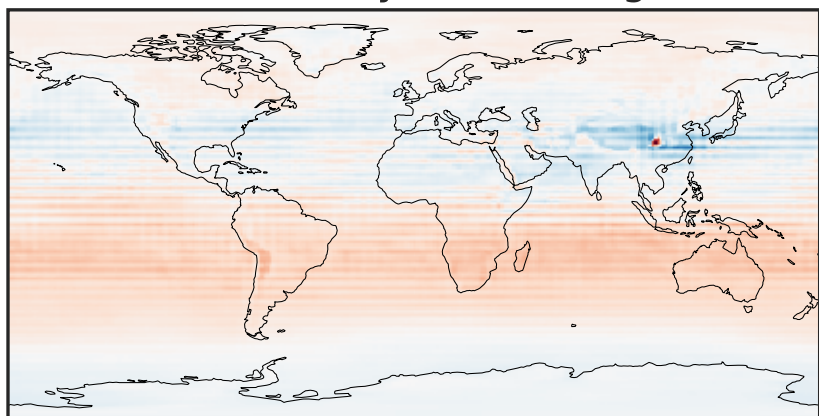
-3 0 3  
ppb  $1e-5$

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



-8 0 8  
ppb  $1e-6$

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



0.98088 0.99044 1.00000 1.00974 1.01949  
unitless

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

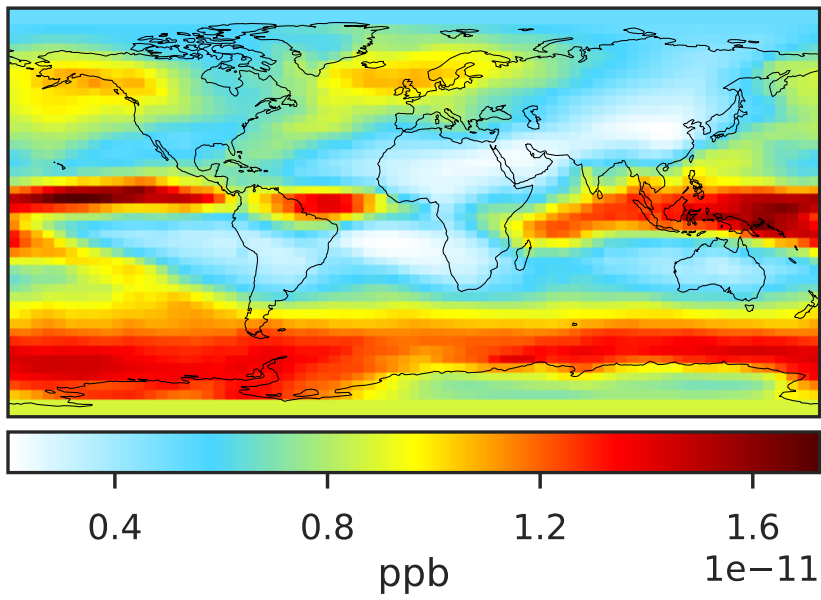


0.50 0.75 1.00 1.50 2.00  
unitless

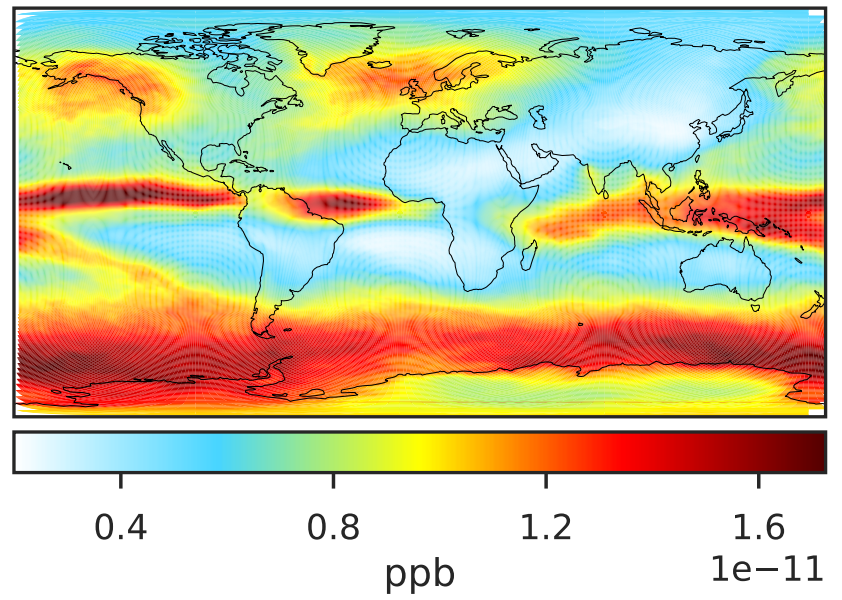


# SpeciesConcVV\_CH3I (AnnualMean)

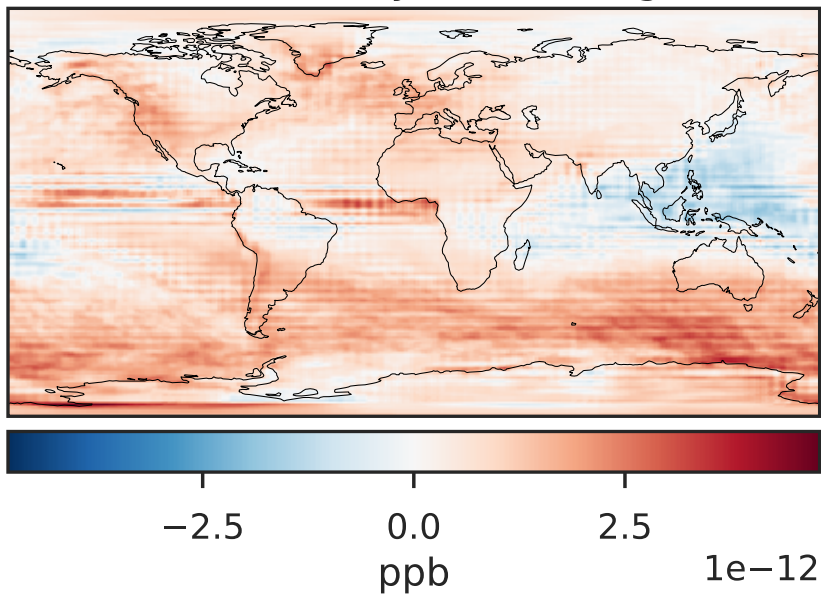
GCC 14.2.2 (Ref)  
4.0x5.0



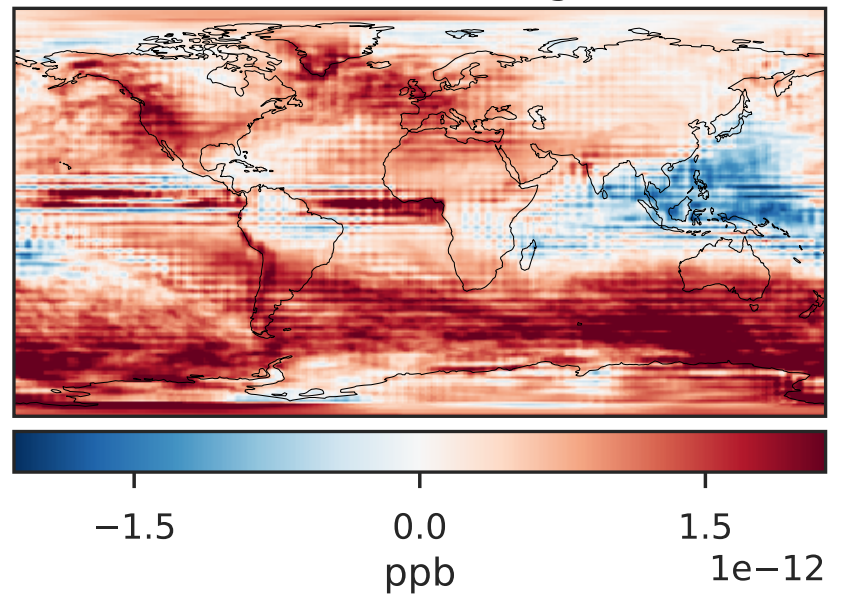
GCHP 14.2.2 using wind (Dev)  
c180



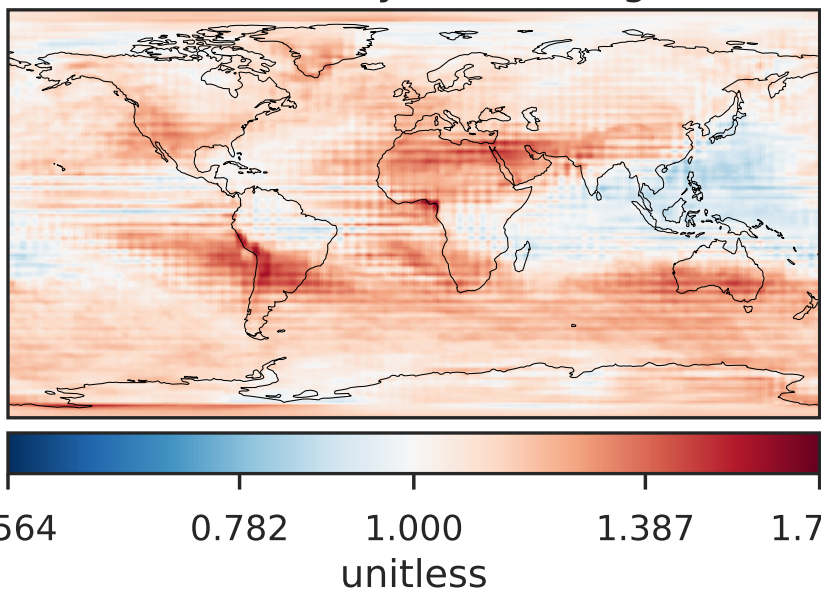
Difference (1x1.25)  
Dev - Ref, Dynamic Range



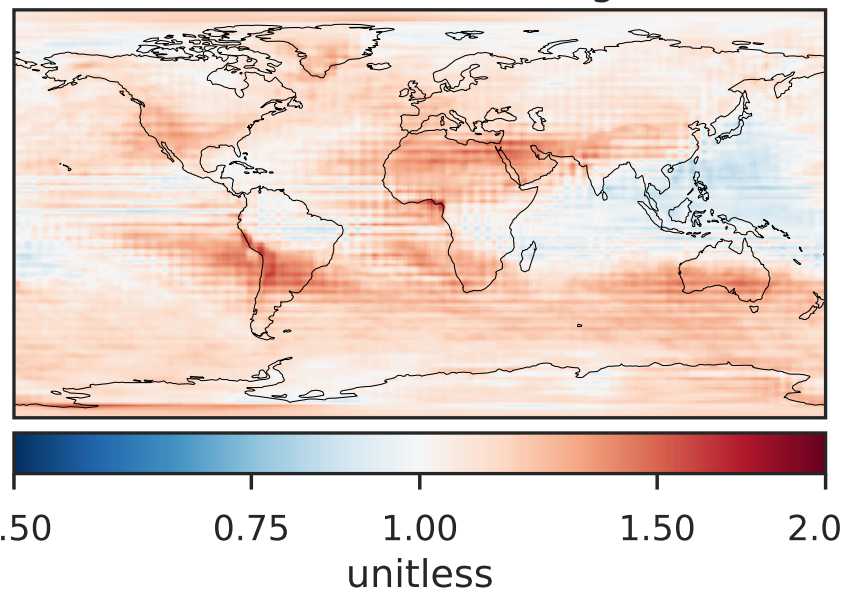
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



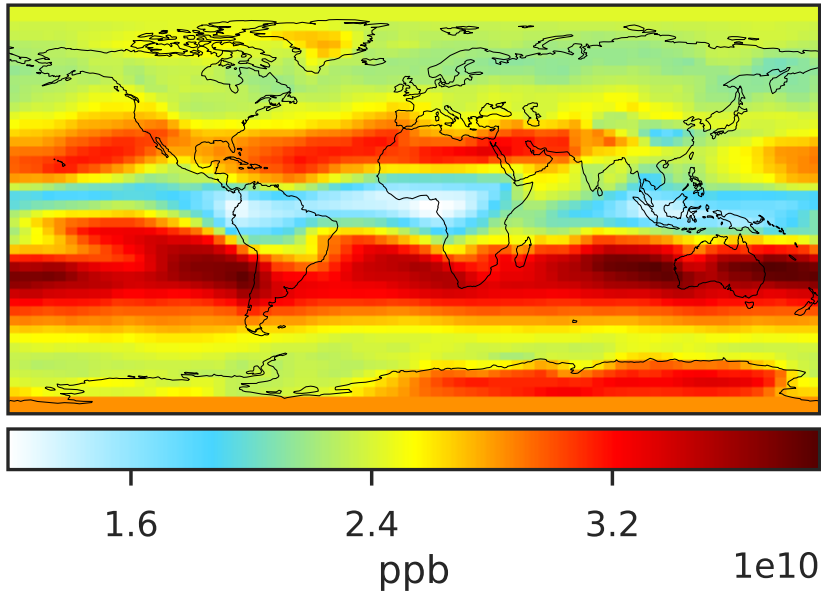
Ratio (1x1.25)  
Dev/Ref, Fixed Range



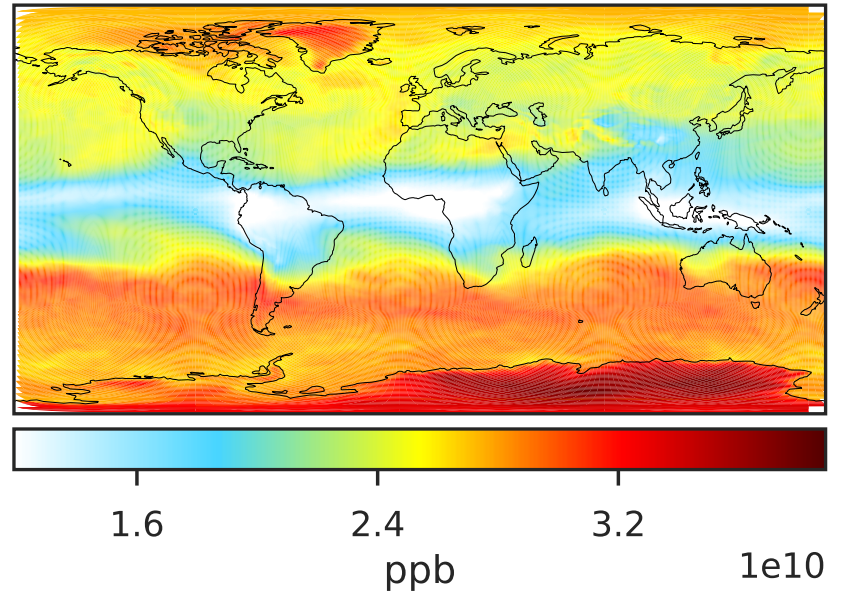


# SpeciesConcVV\_aoa (AnnualMean)

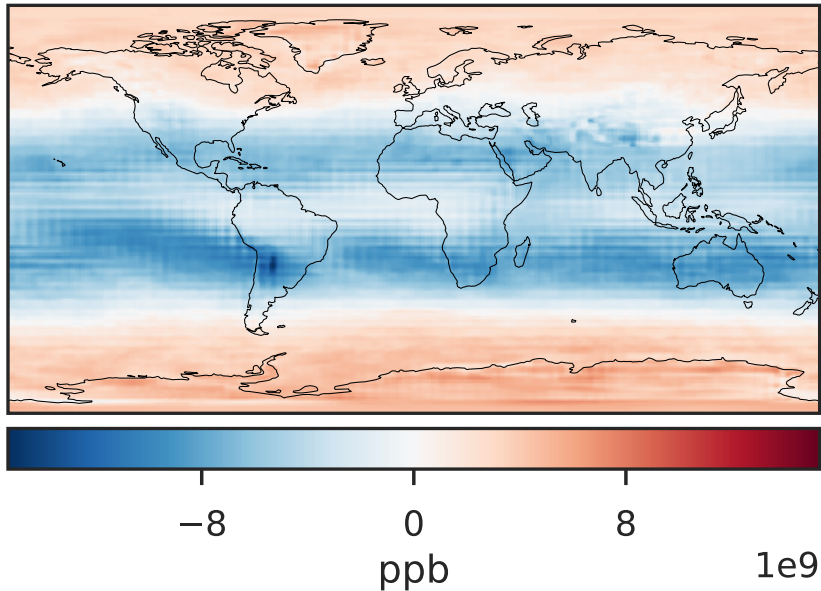
GCC 14.2.2 (Ref)  
4.0x5.0



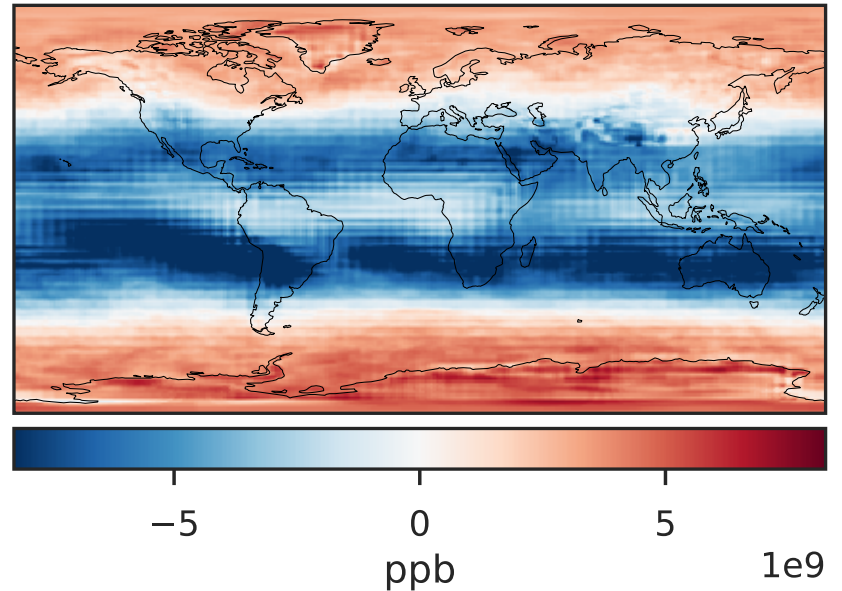
GCHP 14.2.2 using wind (Dev)  
c180



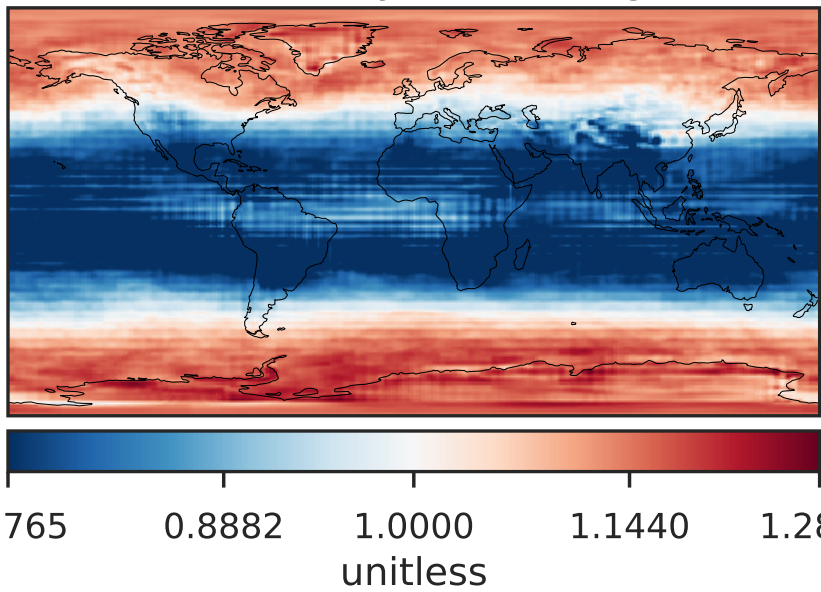
Difference (1x1.25)  
Dev - Ref, Dynamic Range



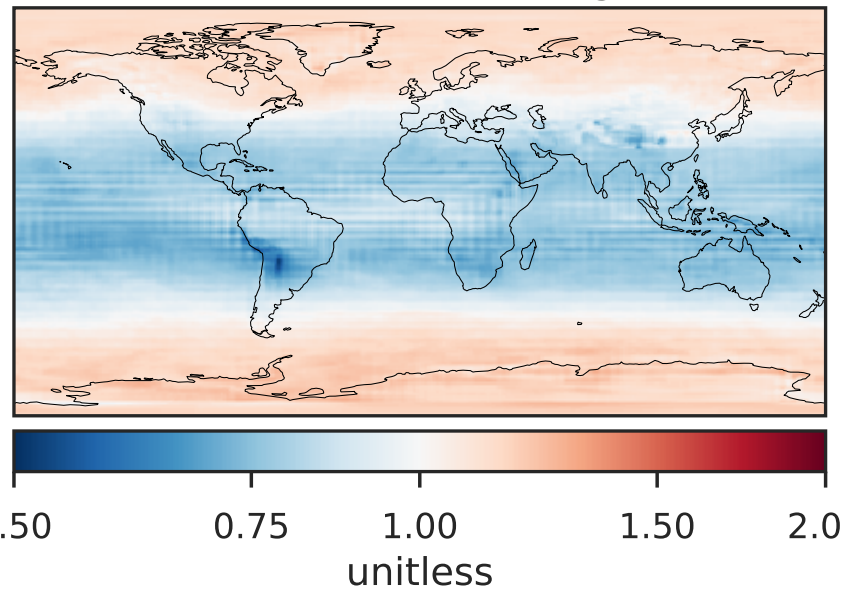
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



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

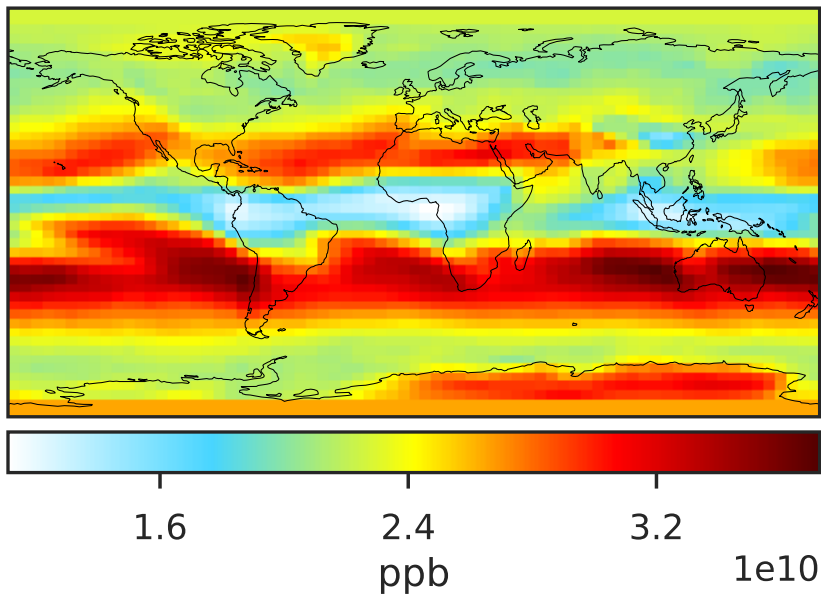


0.7765 0.8882 1.0000 1.1440 1.2879  
unitless

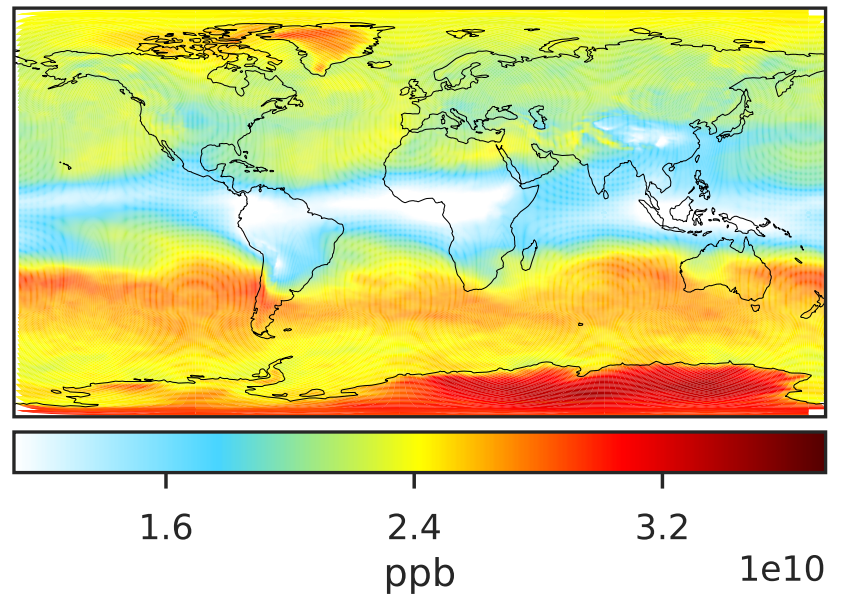
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_aoa\_bl (AnnualMean)

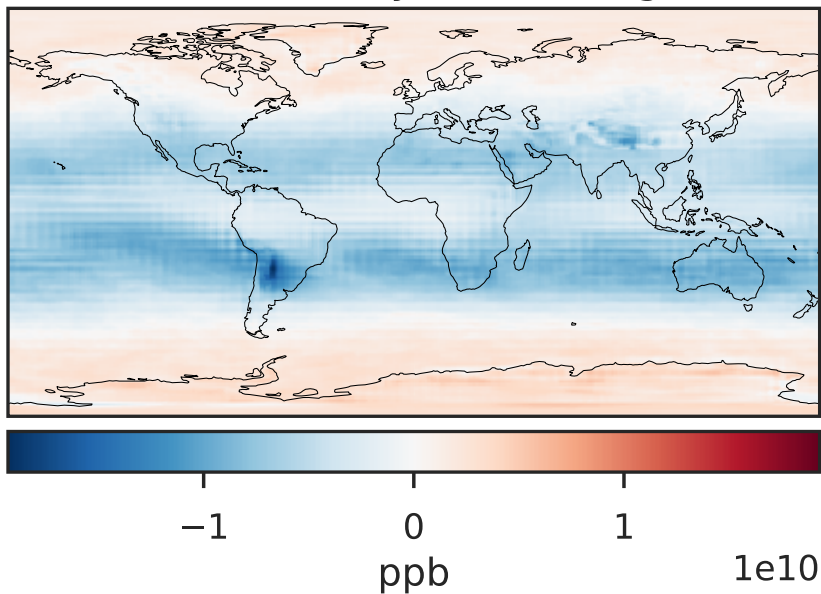
GCC 14.2.2 (Ref)  
4.0x5.0



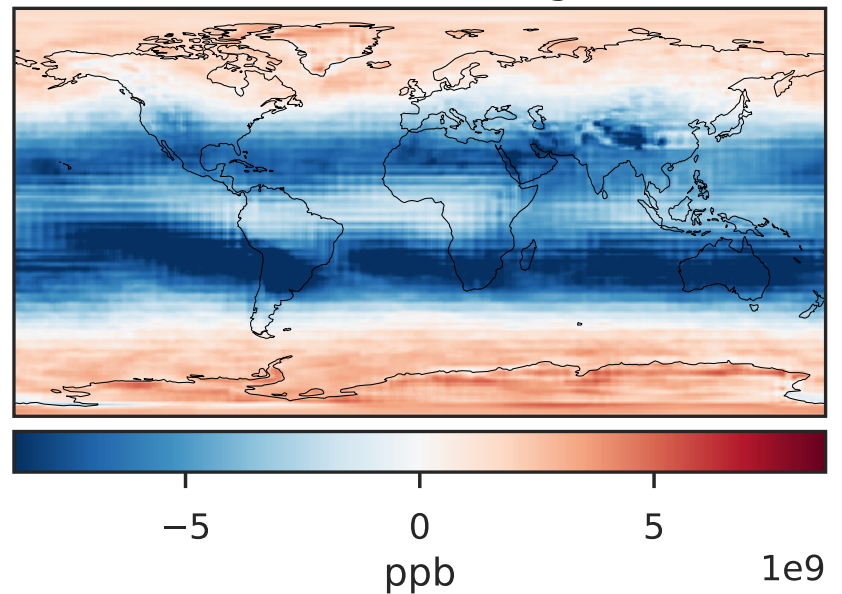
GCHP 14.2.2 using wind (Dev)  
c180



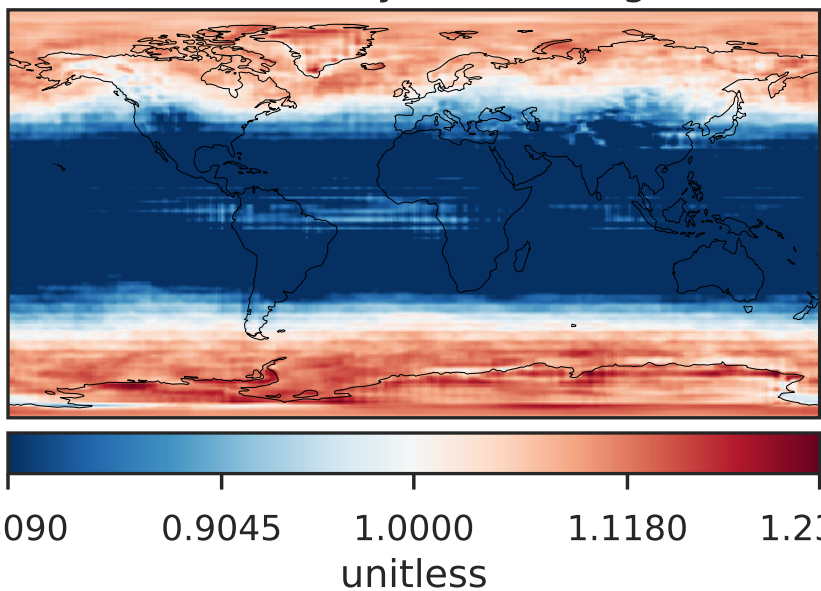
Difference (1x1.25)  
Dev - Ref, Dynamic Range



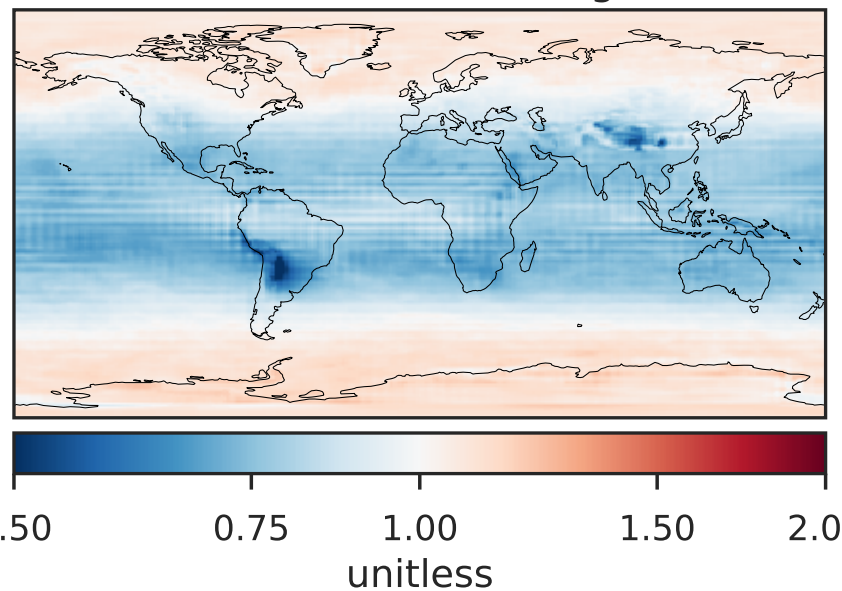
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



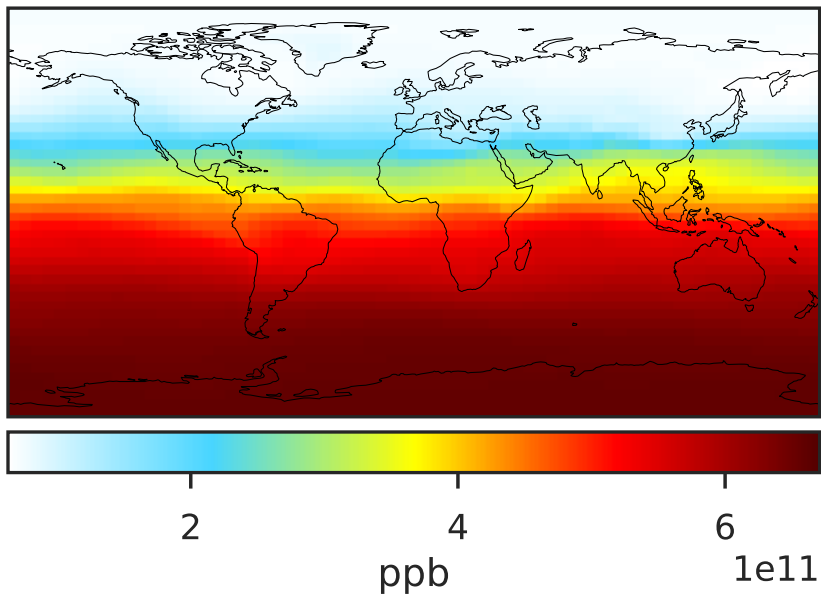
Ratio (1x1.25)  
Dev/Ref, Fixed Range



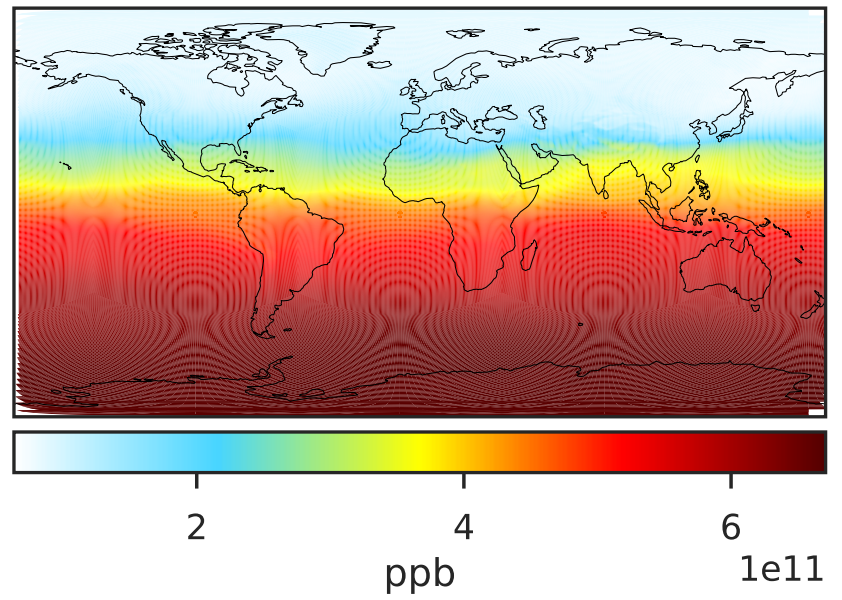


# SpeciesConcVW\_aoa\_nh (AnnualMean)

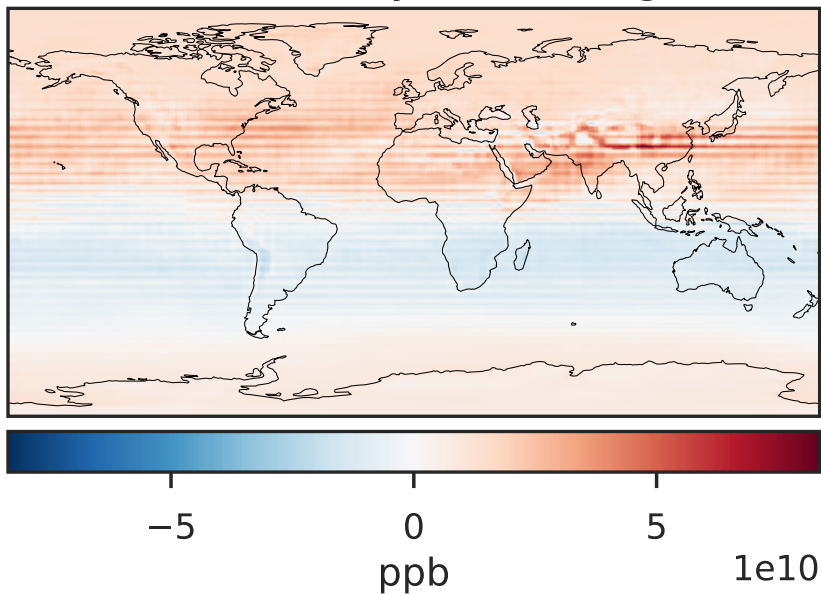
GCC 14.2.2 (Ref)  
4.0x5.0



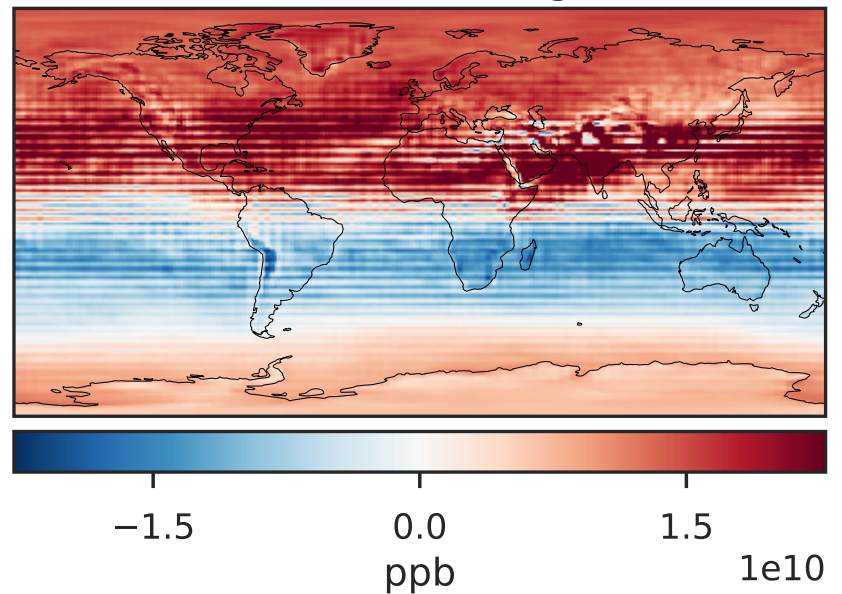
GCHP 14.2.2 using wind (Dev)  
c180



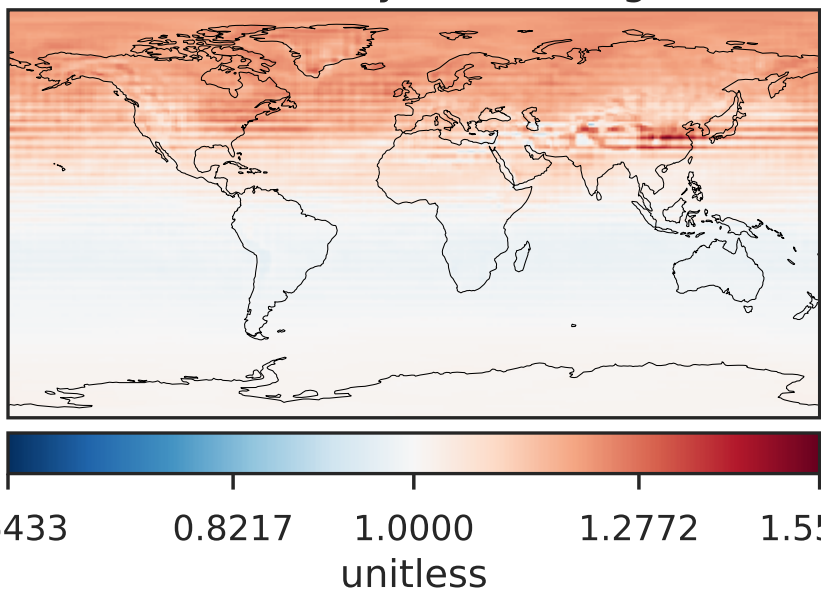
Difference (1x1.25)  
Dev - Ref, Dynamic Range



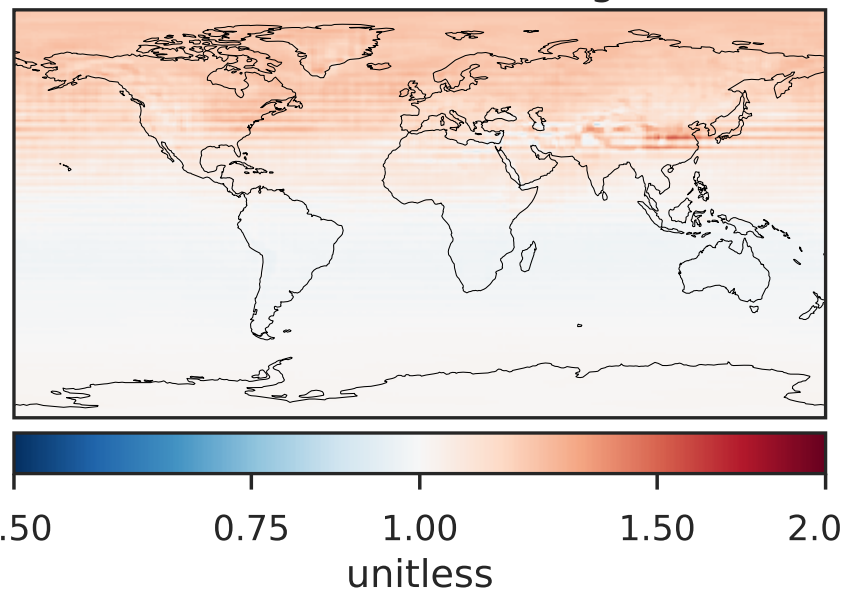
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

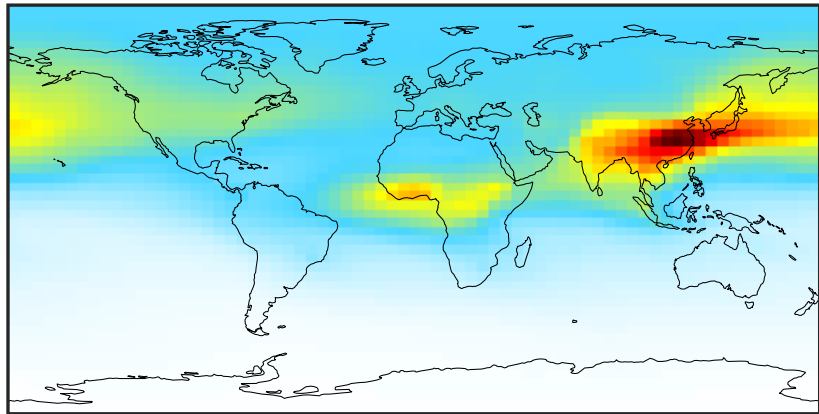


Ratio (1x1.25)  
Dev/Ref, Fixed Range



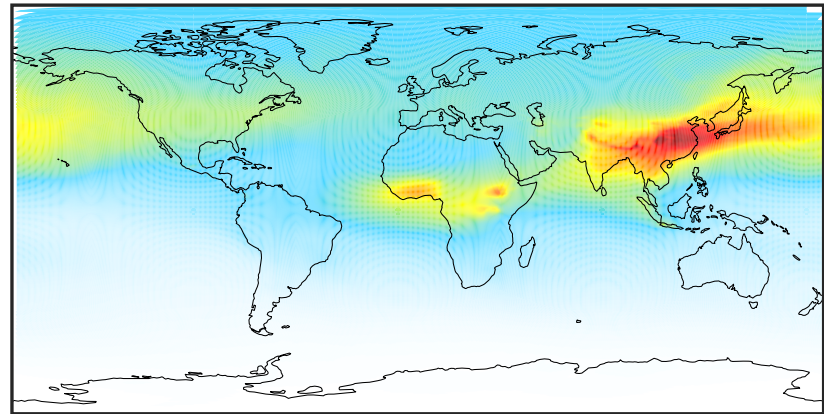
# SpeciesConcVV\_CO\_25 (AnnualMean)

GCC 14.2.2 (Ref)  
4.0x5.0



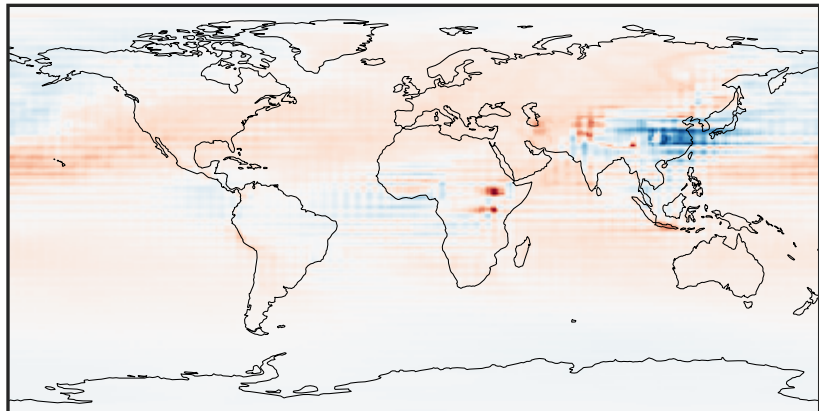
0.75 9.37 17.99 26.61 35.23  
ppb

GCHP 14.2.2 using wind (Dev)  
c180



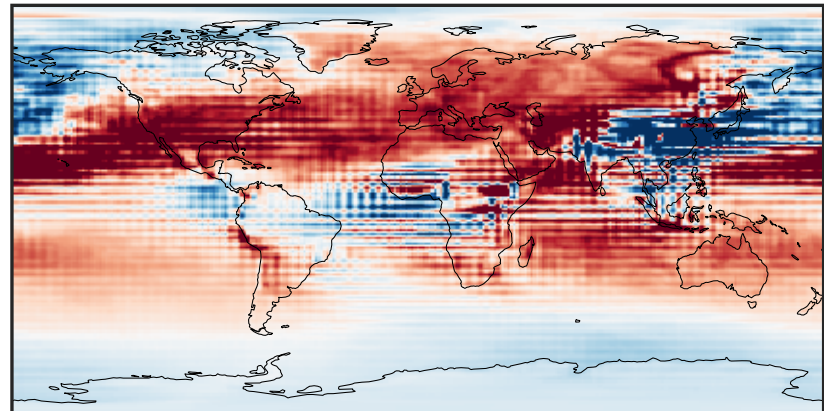
0.75 9.37 17.99 26.61 35.23  
ppb

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



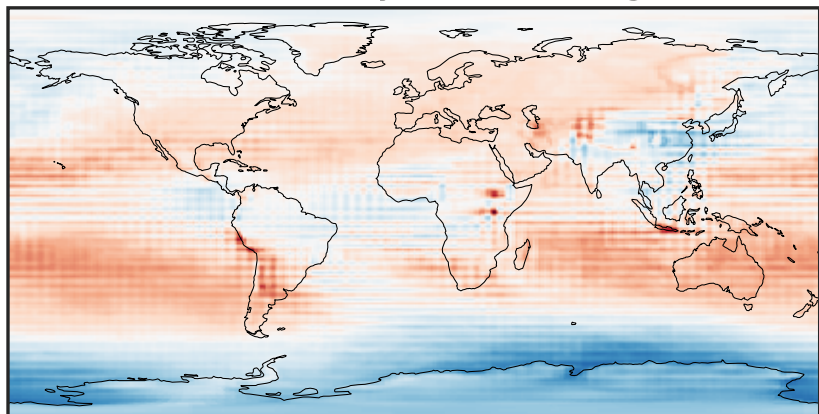
-6.32 -3.16 0.00 3.16 6.32  
ppb

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



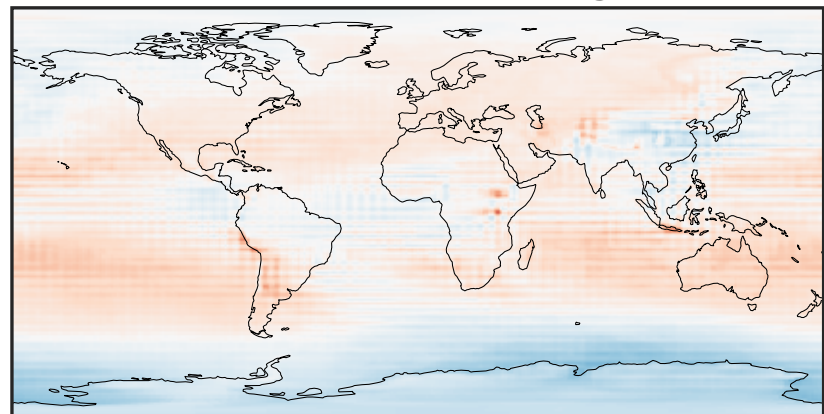
-0.972 -0.486 0.000 0.486 0.972  
ppb

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



0.6674 0.8337 1.0000 1.2491 1.4983  
unitless

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

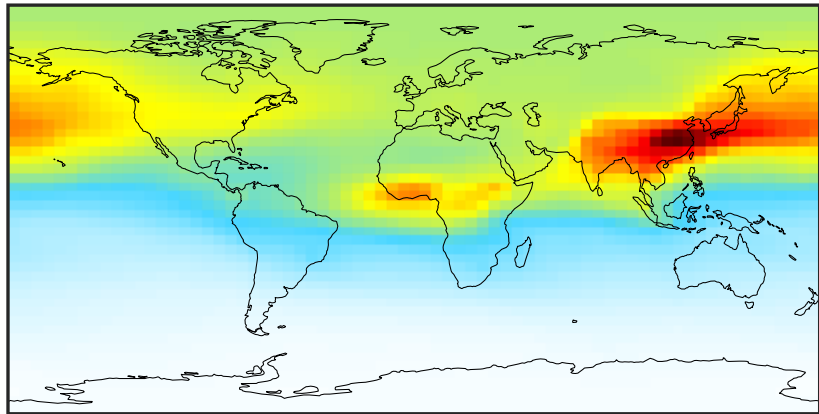


0.50 0.75 1.00 1.50 2.00  
unitless



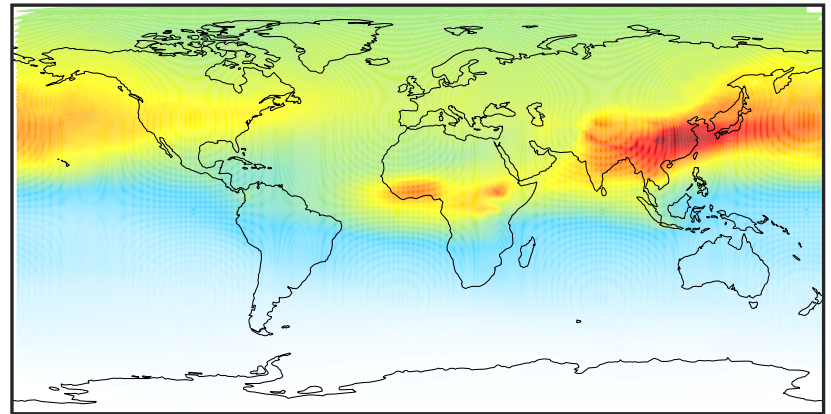
# SpeciesConcVV\_CO\_50 (AnnualMean)

GCC 14.2.2 (Ref)  
4.0x5.0



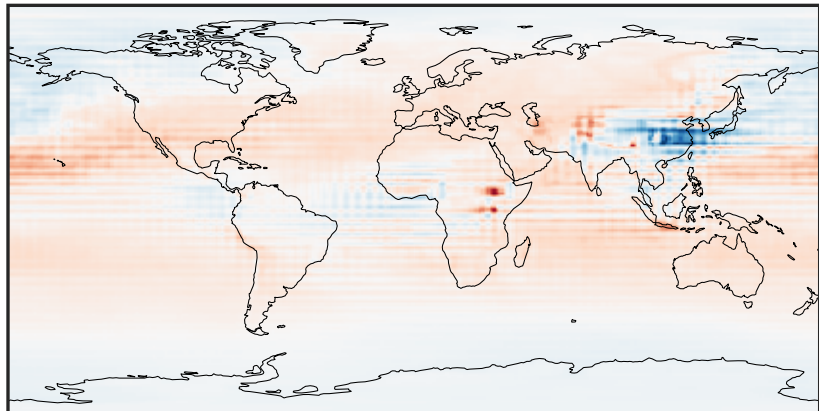
3.13 14.91 26.69 38.48 50.26  
ppb

GCHP 14.2.2 using wind (Dev)  
c180



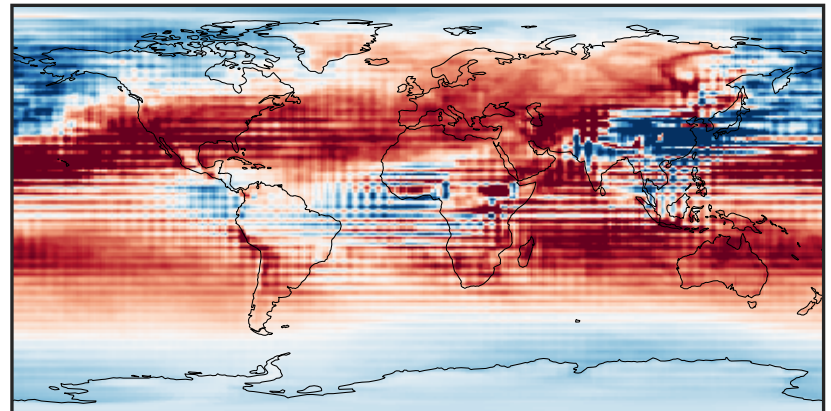
3.13 14.91 26.69 38.48 50.26  
ppb

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



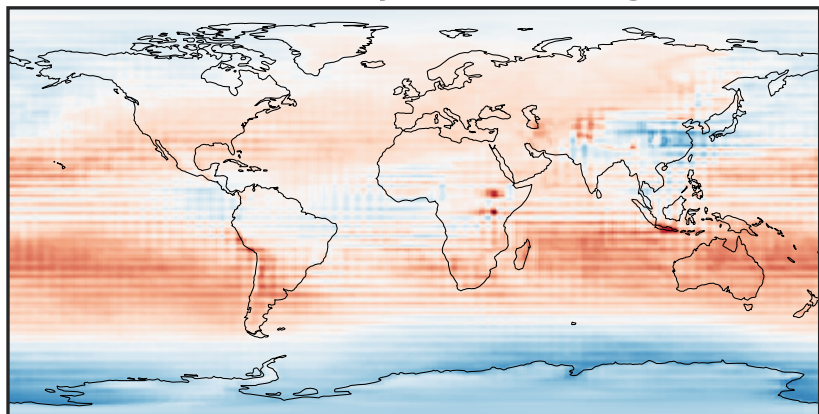
-7.2 -3.6 0.0 3.6 7.2  
ppb

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



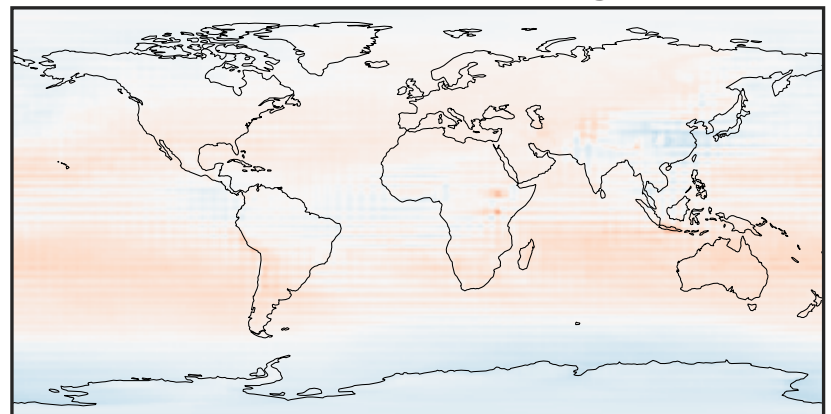
-1.302 -0.651 0.000 0.651 1.302  
ppb

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



0.7714 0.8857 1.0000 1.1482 1.2963  
unitless

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

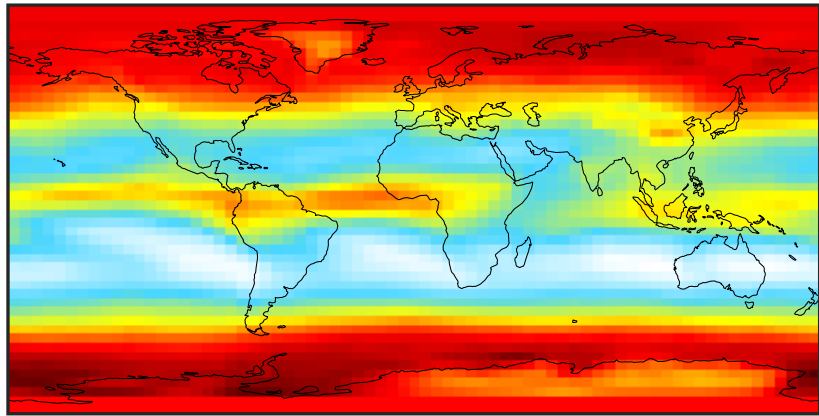


0.50 0.75 1.00 1.50 2.00  
unitless



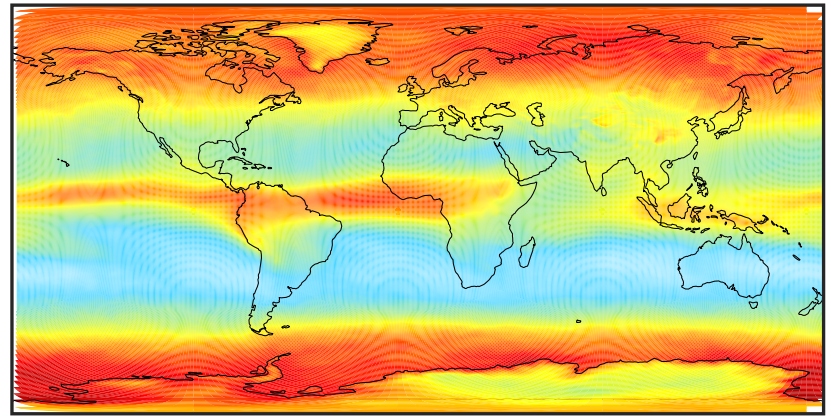
# SpeciesConcVV\_e90 (AnnualMean)

GCC 14.2.2 (Ref)  
4.0x5.0



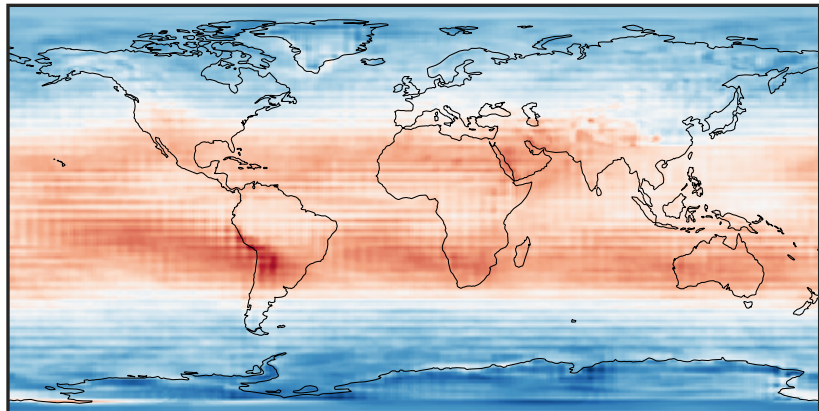
63.01 67.98 72.95 77.91 82.88  
ppb

GCHP 14.2.2 using wind (Dev)  
c180



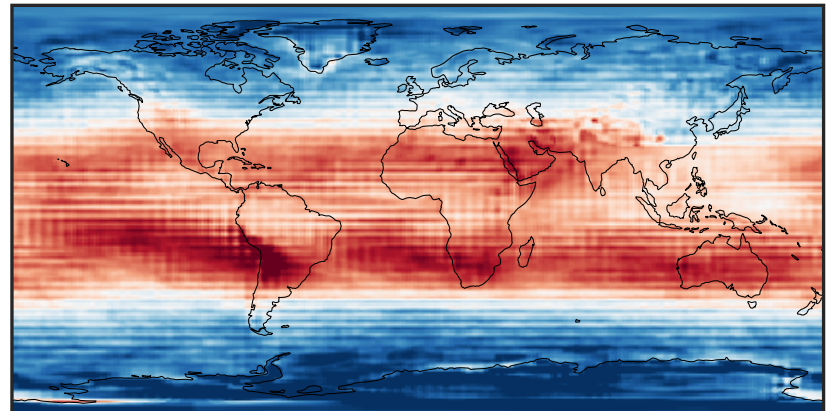
63.01 67.98 72.95 77.91 82.88  
ppb

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



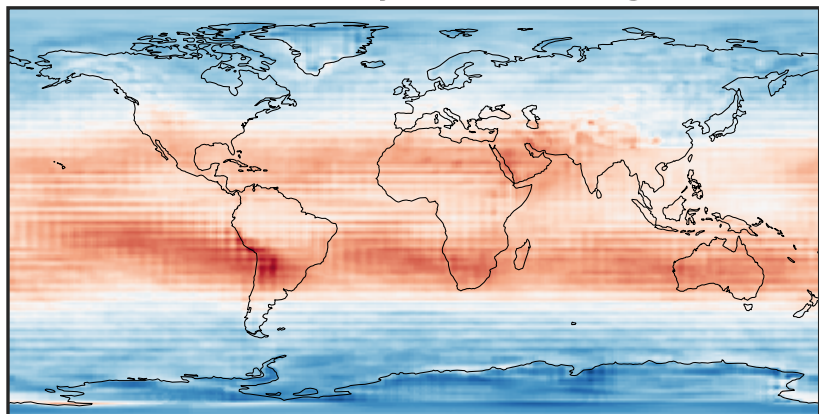
-5.69 -2.84 0.00 2.84 5.69  
ppb

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



-3.34 -1.67 0.00 1.67 3.34  
ppb

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



0.9220 0.9610 1.0000 1.0423 1.0846  
unitless

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

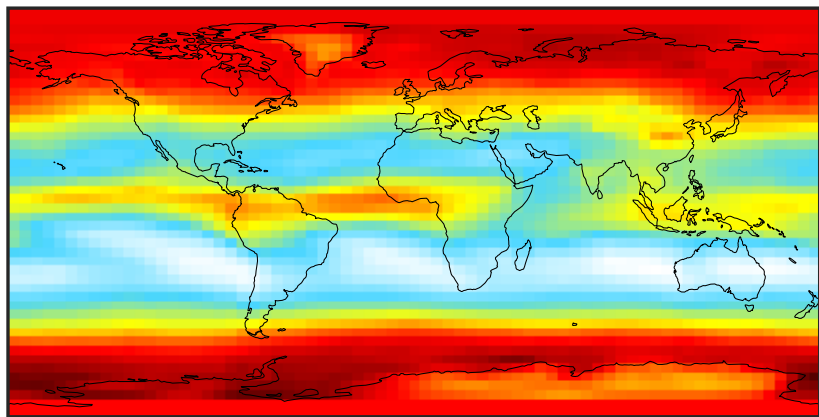


0.50 0.75 1.00 1.50 2.00  
unitless



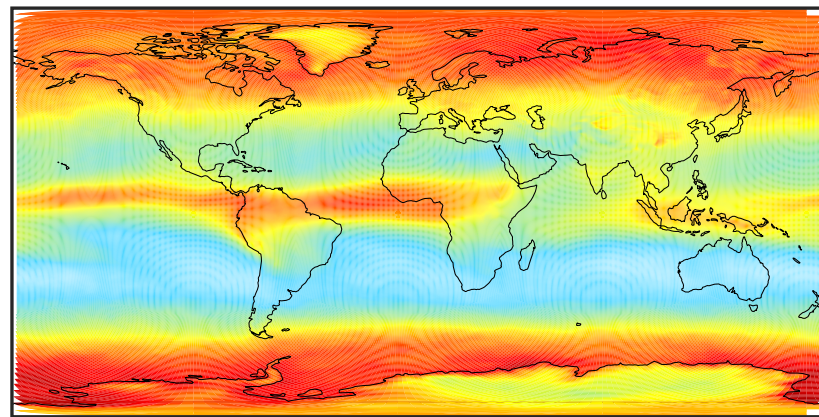
# SpeciesConcVV\_e90\_n (AnnualMean)

GCC 14.2.2 (Ref)  
4.0x5.0



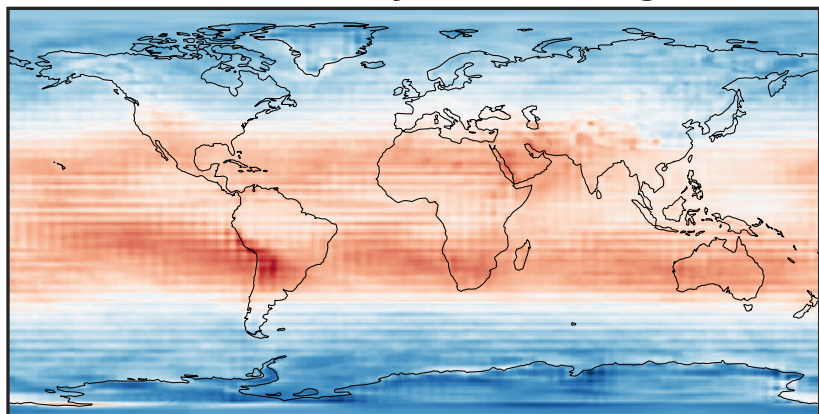
63.01 67.98 72.95 77.91 82.88  
ppb

GCHP 14.2.2 using wind (Dev)  
c180



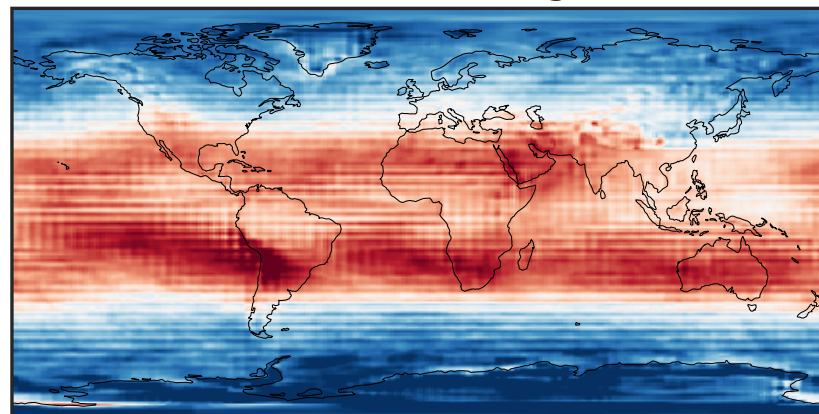
63.01 67.98 72.95 77.91 82.88  
ppb

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



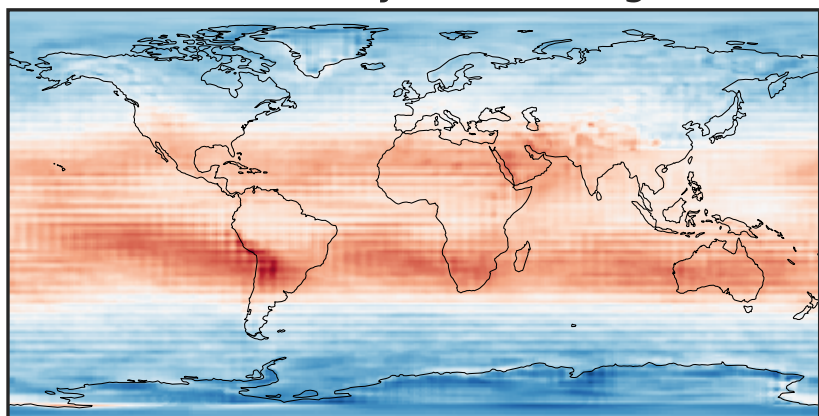
-5.69 -2.84 0.00 2.84 5.69  
ppb

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



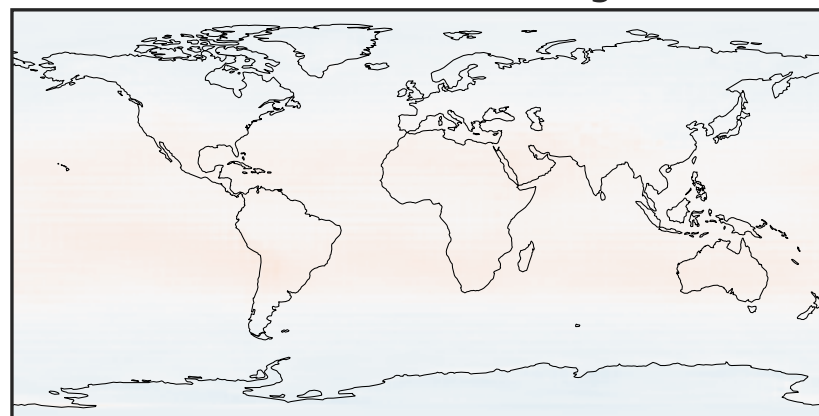
-3.34 -1.67 0.00 1.67 3.34  
ppb

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



0.9220 0.9610 1.0000 1.0423 1.0846  
unitless

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

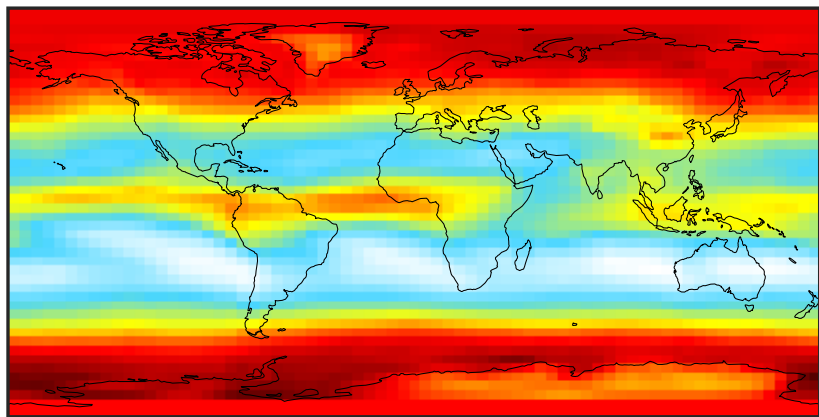


0.50 0.75 1.00 1.50 2.00  
unitless



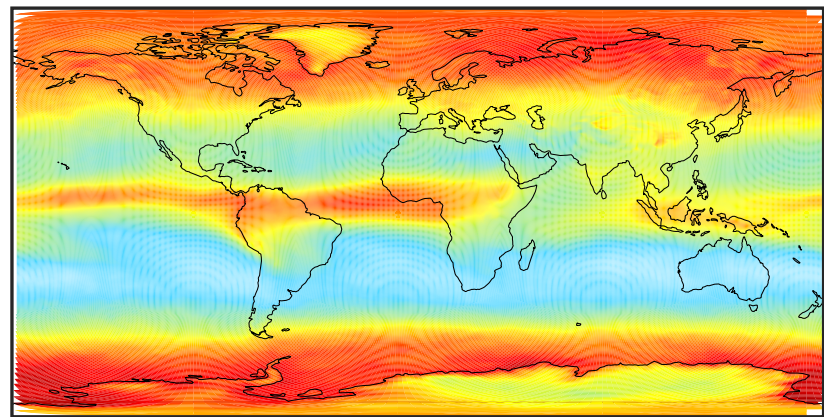
# SpeciesConcVV\_e90\_s (AnnualMean)

GCC 14.2.2 (Ref)  
4.0x5.0



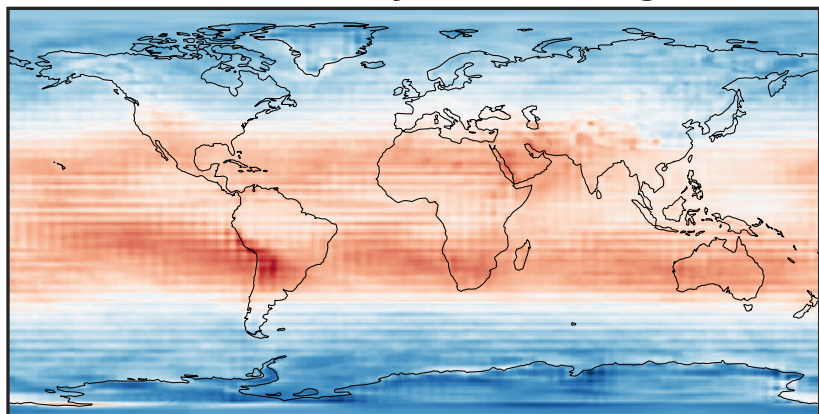
63.01 67.98 72.95 77.91 82.88  
ppb

GCHP 14.2.2 using wind (Dev)  
c180



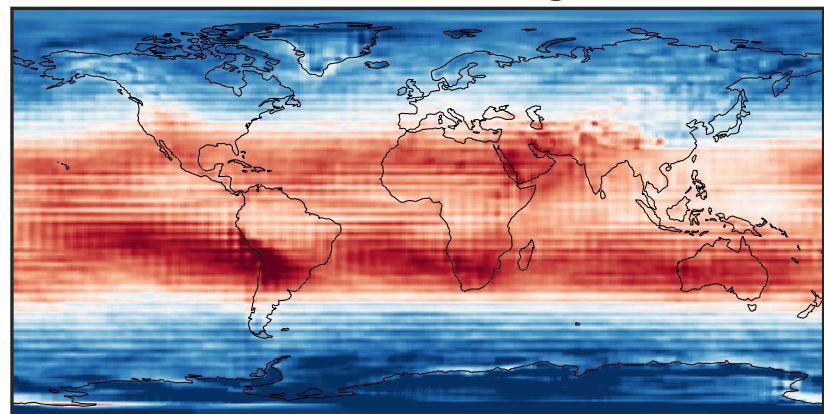
63.01 67.98 72.95 77.91 82.88  
ppb

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



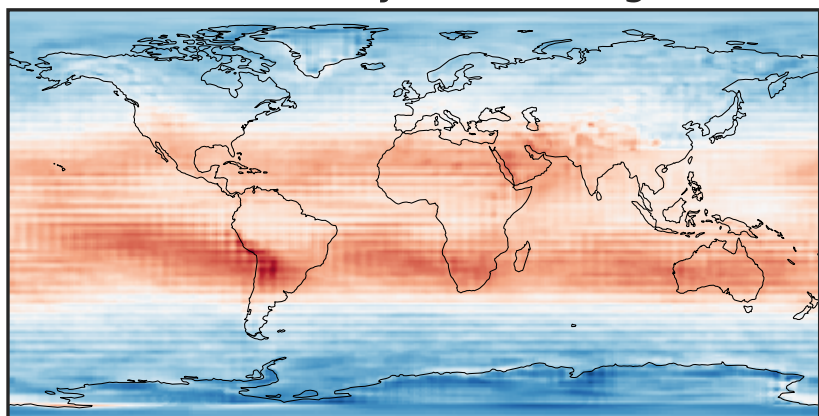
-5.69 -2.84 0.00 2.84 5.69  
ppb

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



-3.34 -1.67 0.00 1.67 3.34  
ppb

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



0.9220 0.9610 1.0000 1.0423 1.0846  
unitless

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

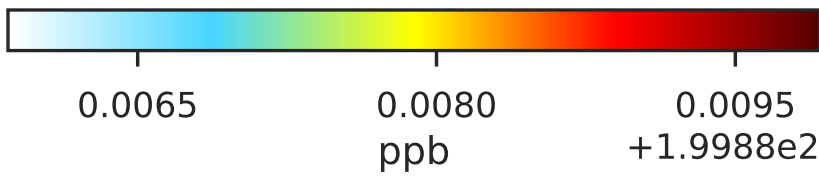
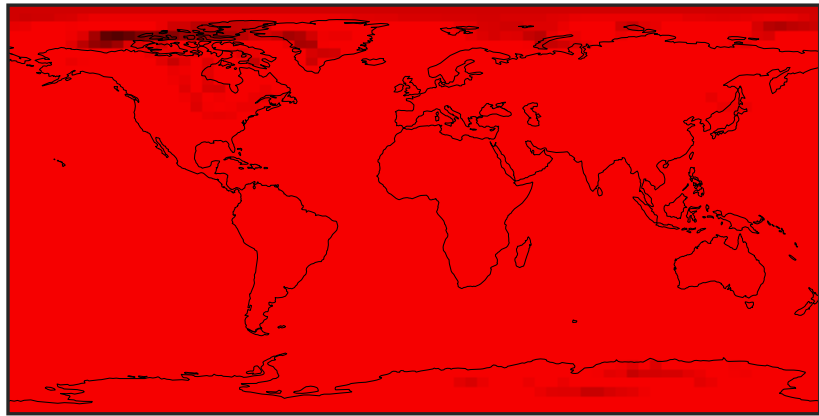


0.50 0.75 1.00 1.50 2.00  
unitless

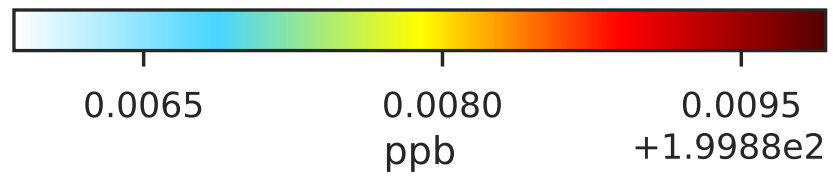
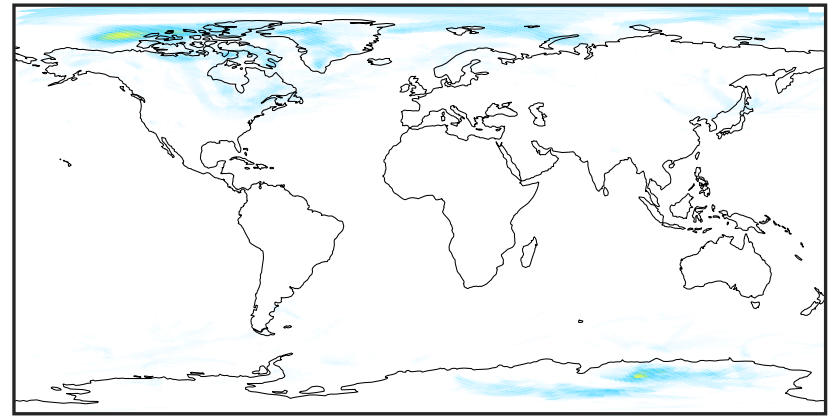


# SpeciesConcVV\_st80\_25 (AnnualMean)

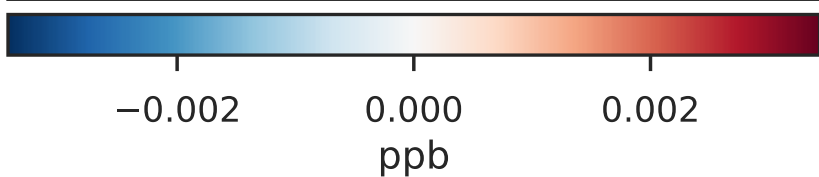
GCC 14.2.2 (Ref)  
4.0x5.0



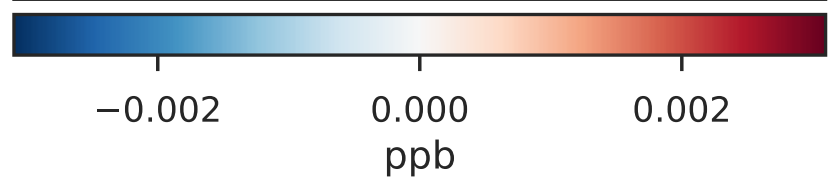
GCHP 14.2.2 using wind (Dev)  
c180



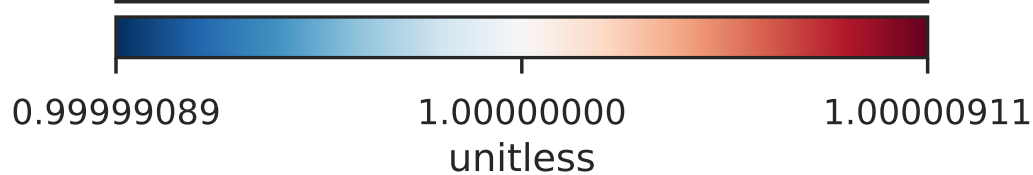
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



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



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

