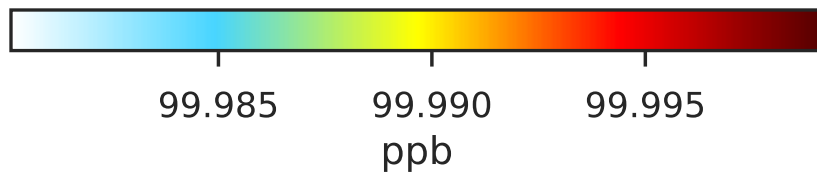
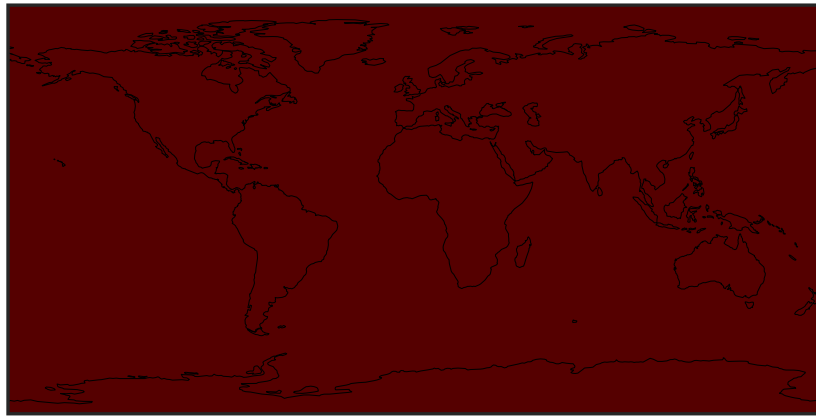
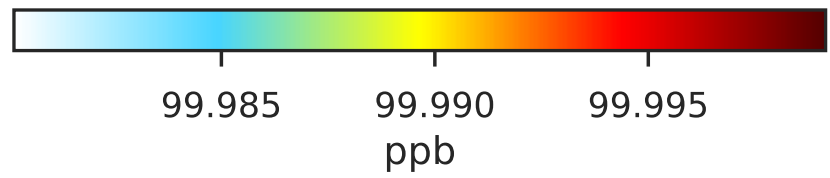
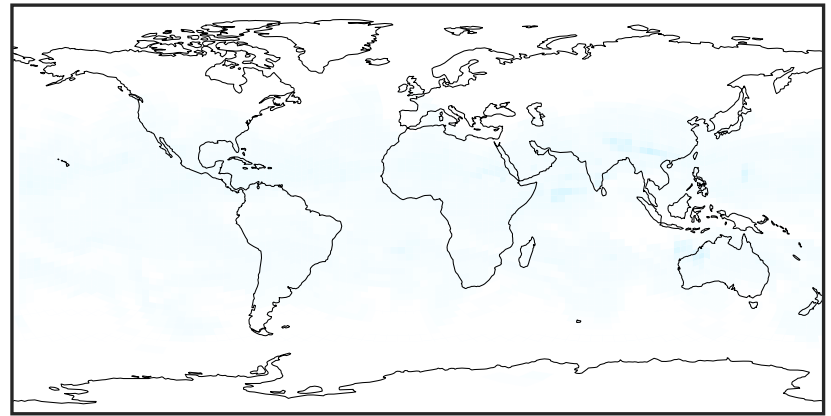


# SpeciesConcVV\_PassiveTracer (Apr2019)

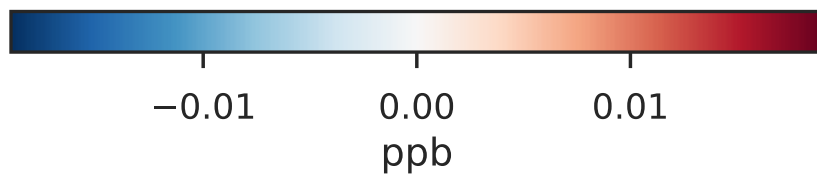
GCC 14.2.2 (Ref)  
4.0x5.0



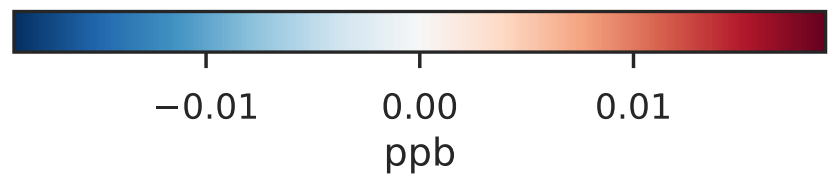
GCHP 14.2.2 using wind (Dev)  
c30



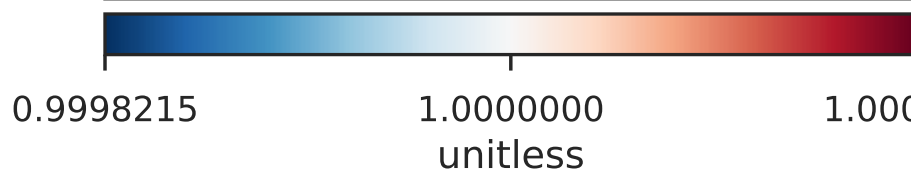
Difference (1x1.25)  
Dev - Ref, Dynamic Range



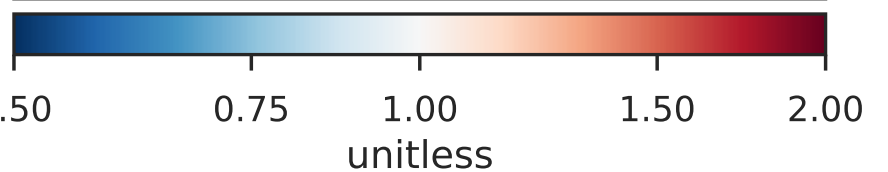
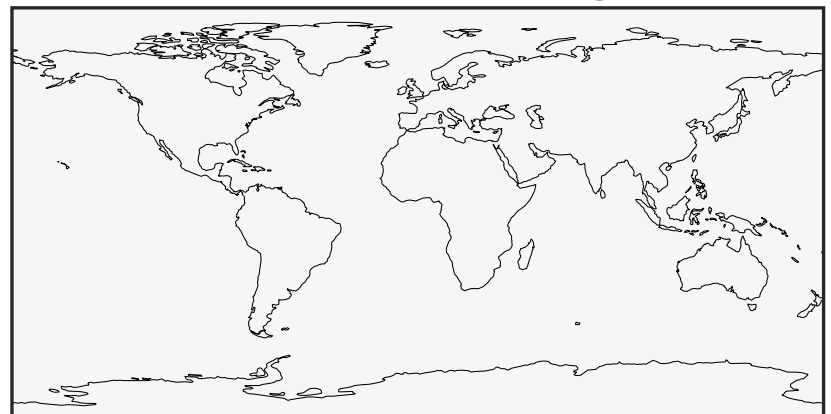
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

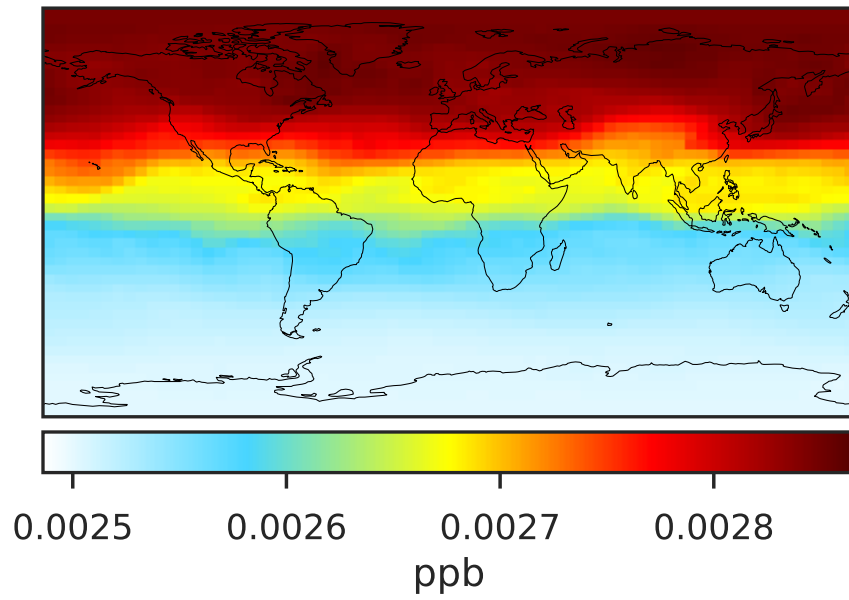


Ratio (1x1.25)  
Dev/Ref, Fixed Range

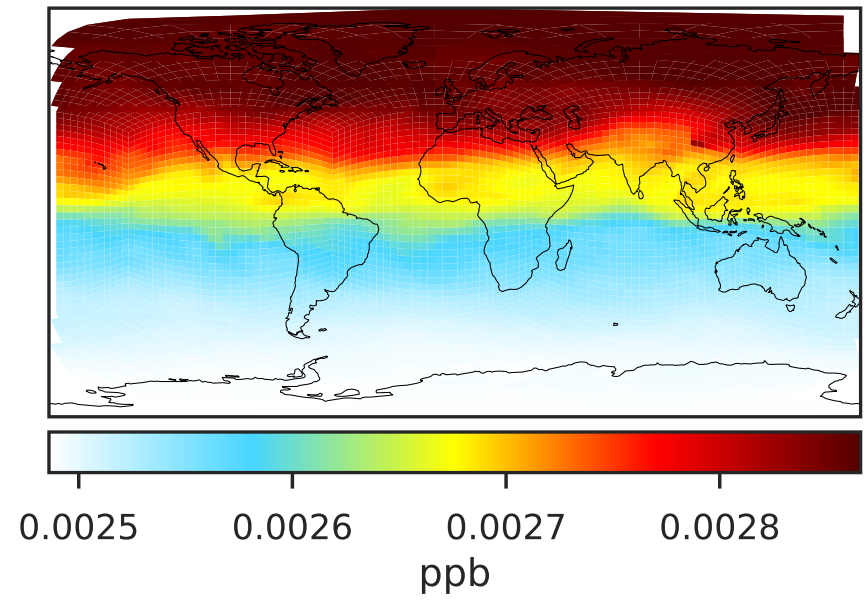


# SpeciesConcVV\_SF6 (Apr2019)

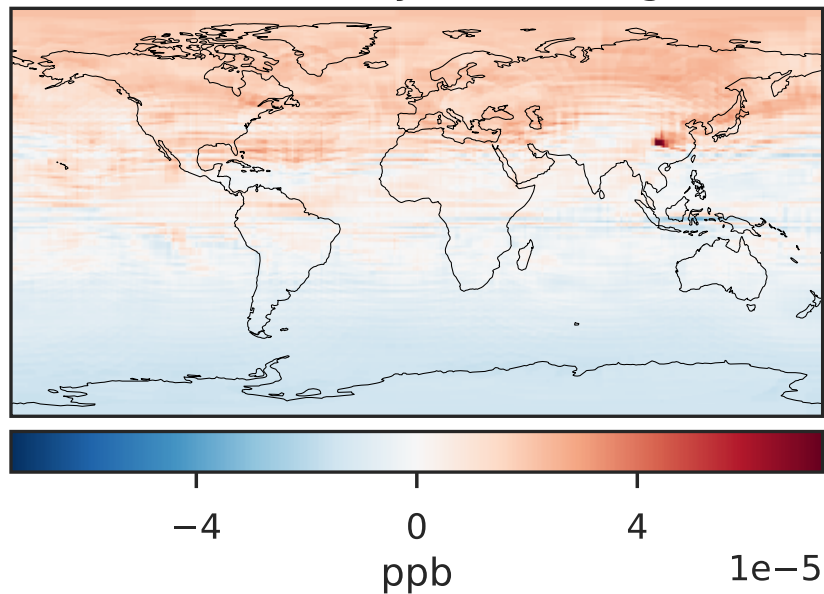
GCC 14.2.2 (Ref)  
4.0x5.0



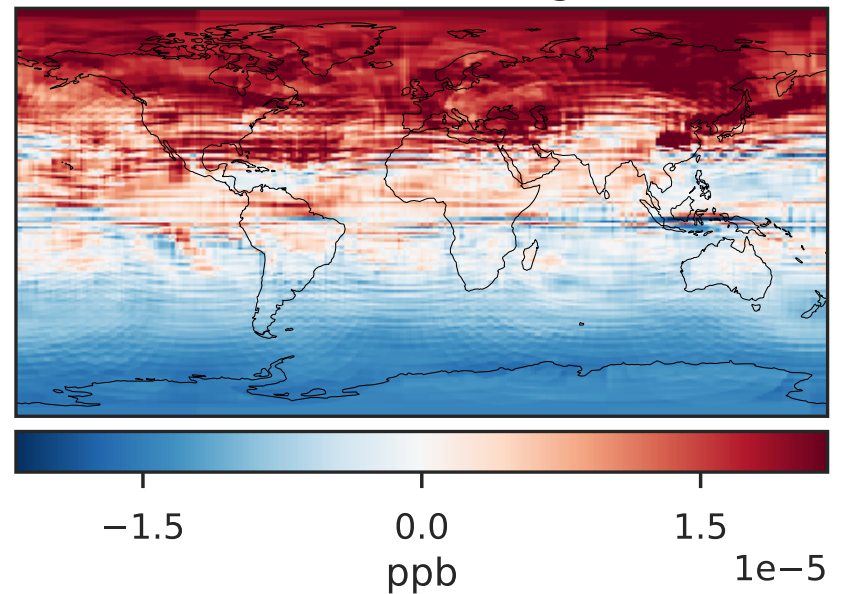
GCHP 14.2.2 using wind (Dev)  
c30



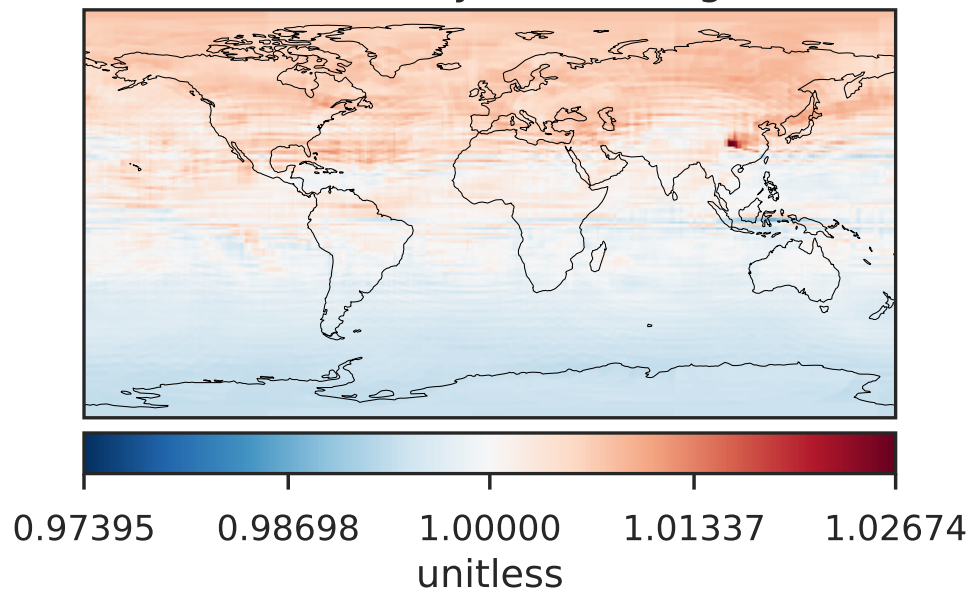
Difference (1x1.25)  
Dev - Ref, Dynamic Range



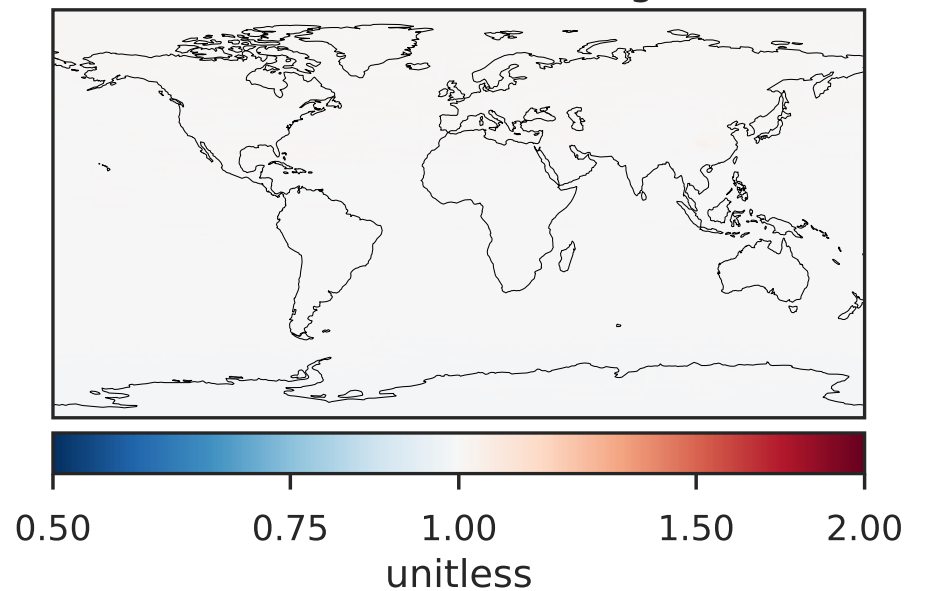
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

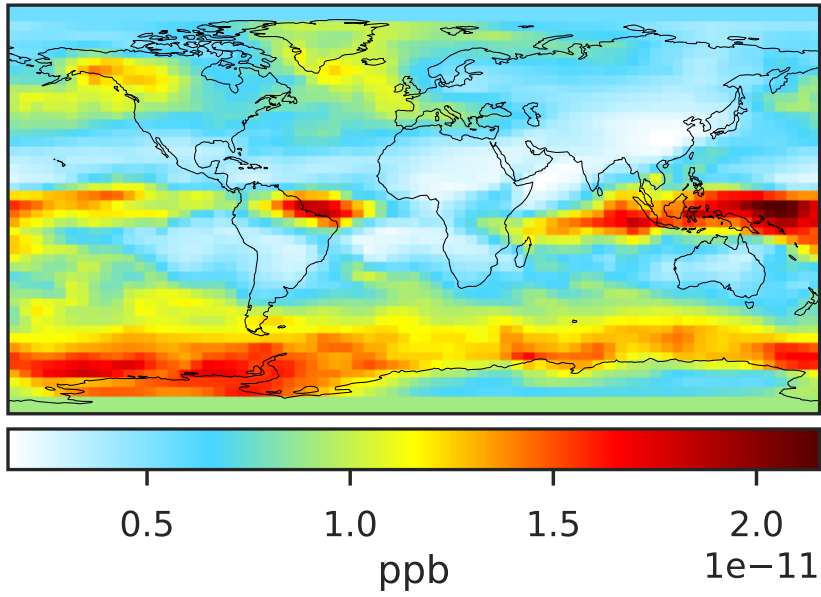


Ratio (1x1.25)  
Dev/Ref, Fixed Range

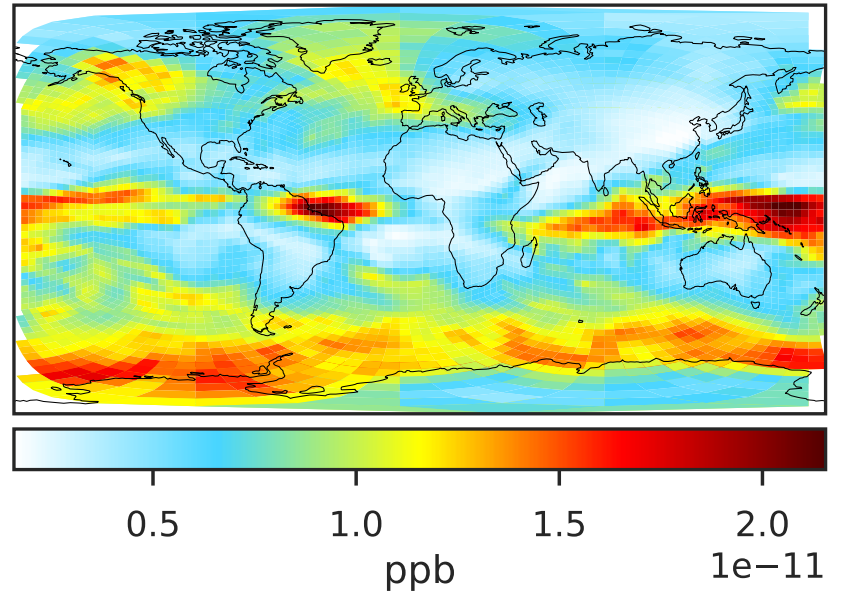


# SpeciesConcVV\_CH3I (Apr2019)

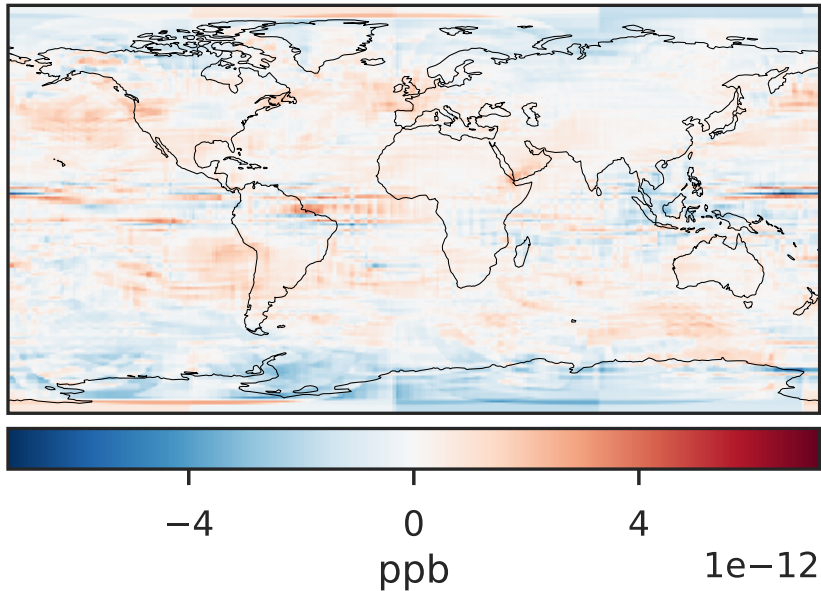
GCC 14.2.2 (Ref)  
4.0x5.0



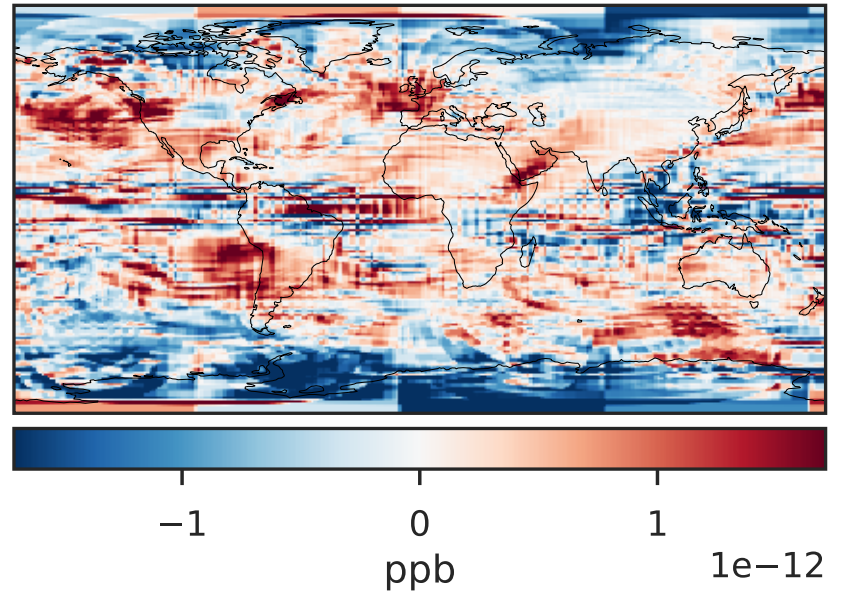
GCHP 14.2.2 using wind (Dev)  
c30



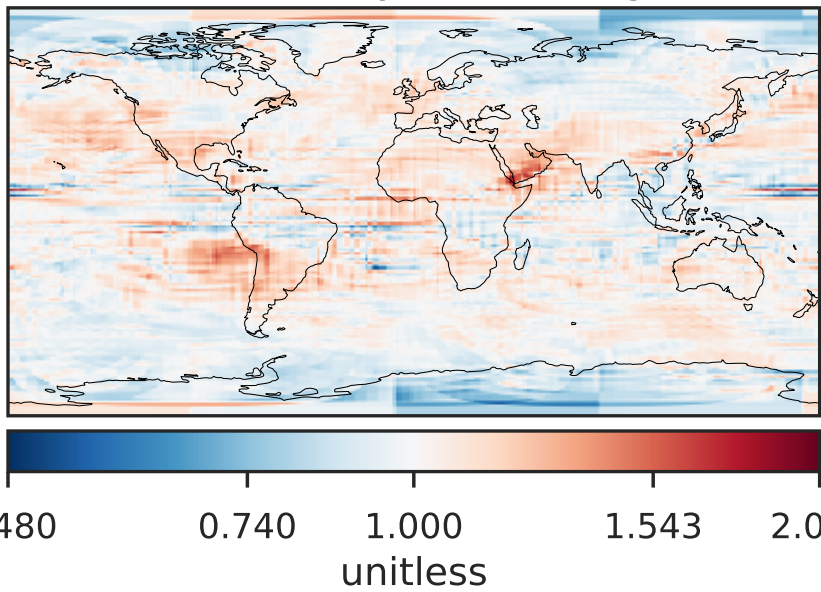
Difference (1x1.25)  
Dev - Ref, Dynamic Range



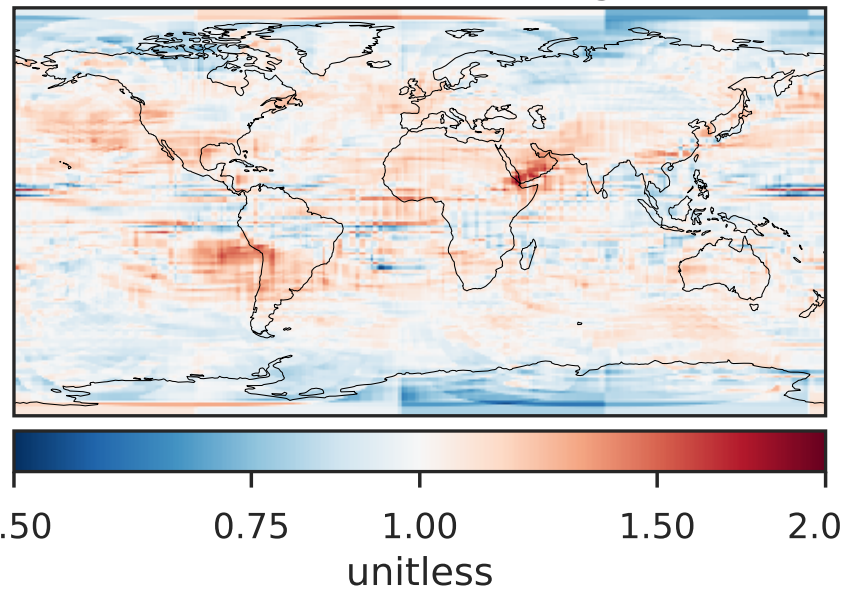
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

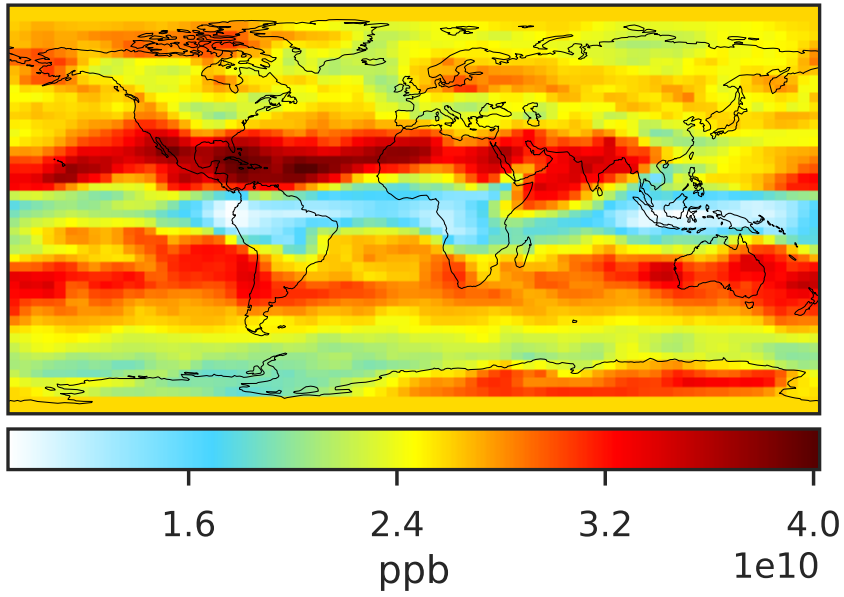


Ratio (1x1.25)  
Dev/Ref, Fixed Range

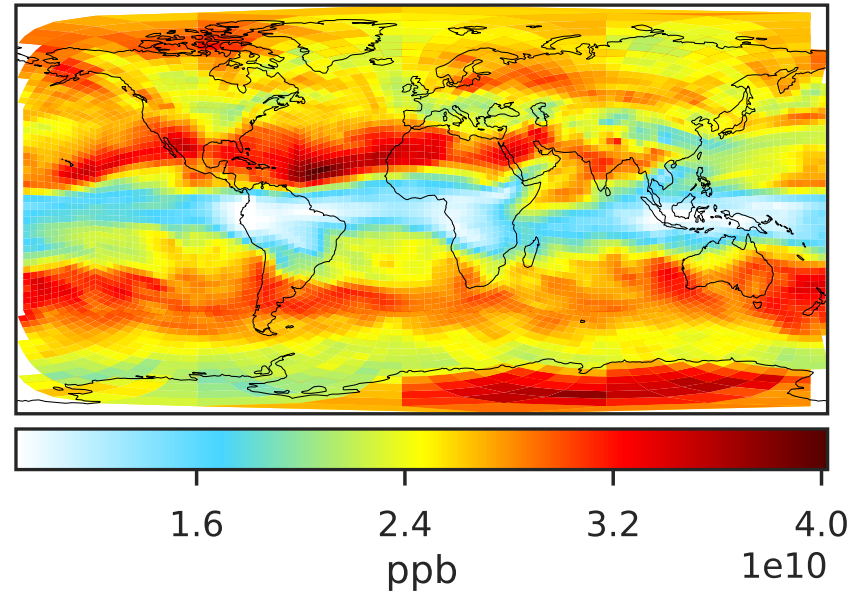


# SpeciesConcVV\_aoa (Apr2019)

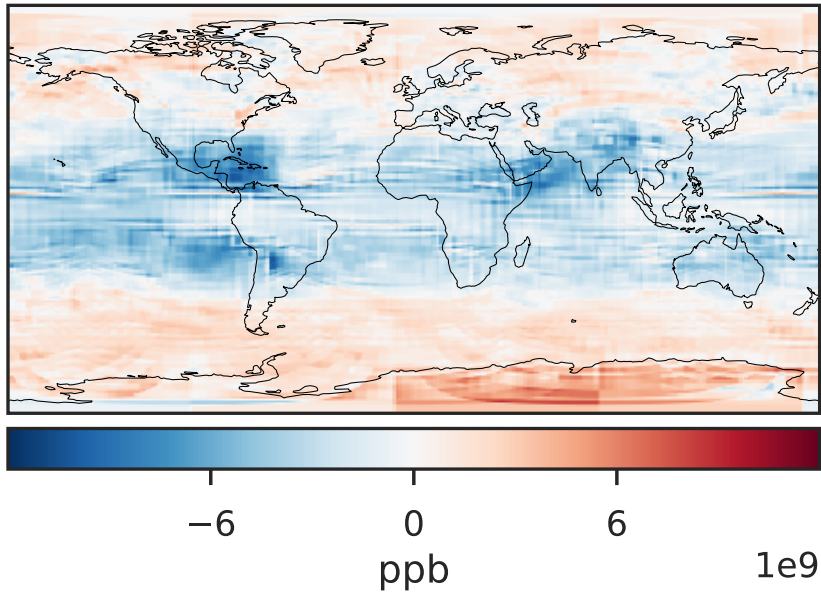
GCC 14.2.2 (Ref)  
4.0x5.0



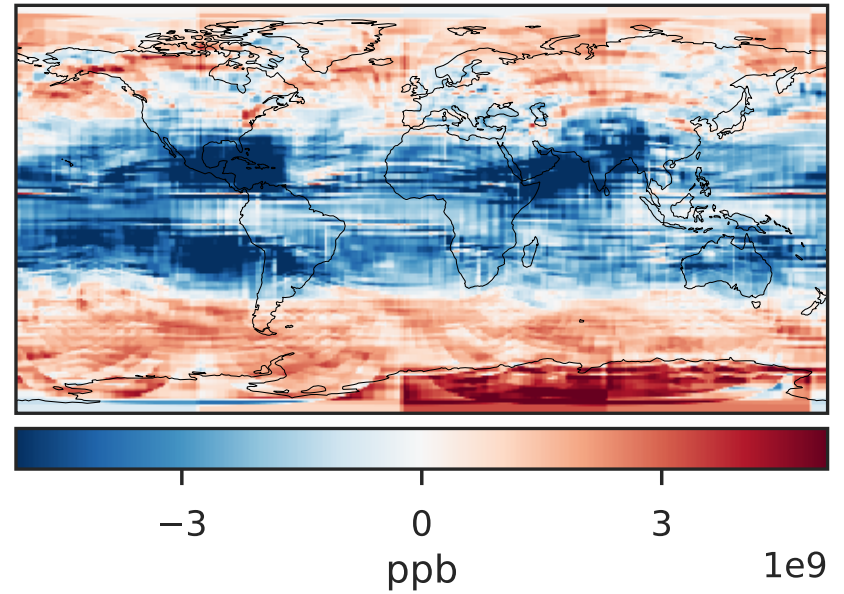
GCHP 14.2.2 using wind (Dev)  
c30



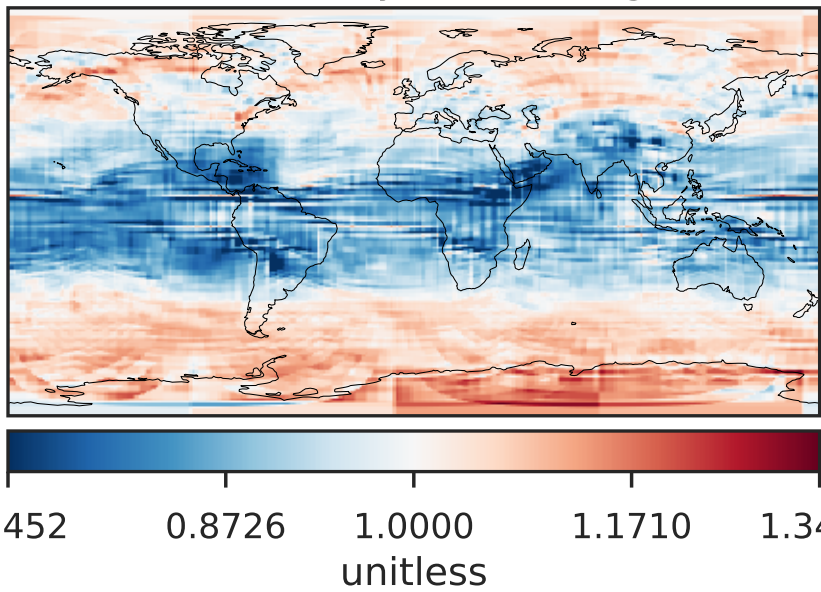
Difference (1x1.25)  
Dev - Ref, Dynamic Range



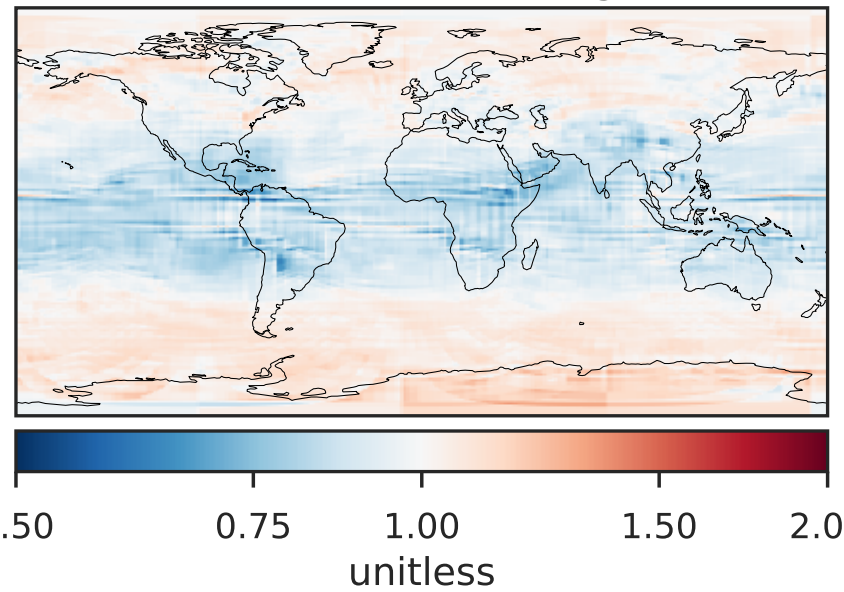
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

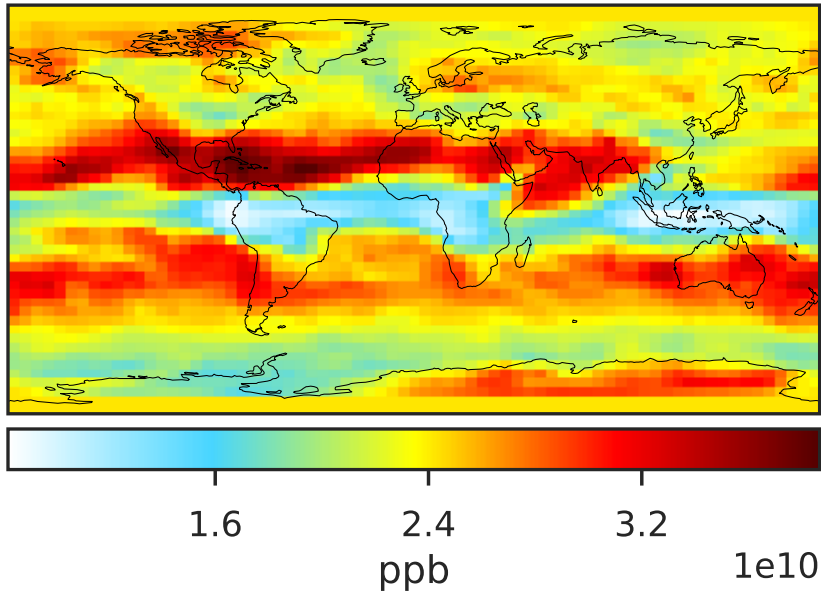


Ratio (1x1.25)  
Dev/Ref, Fixed Range

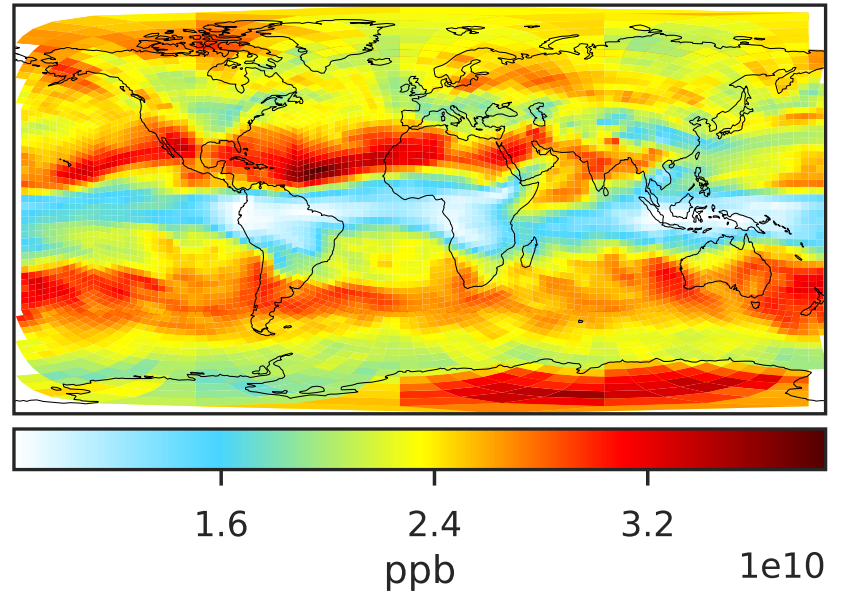


# SpeciesConcVV\_aoa\_bl (Apr2019)

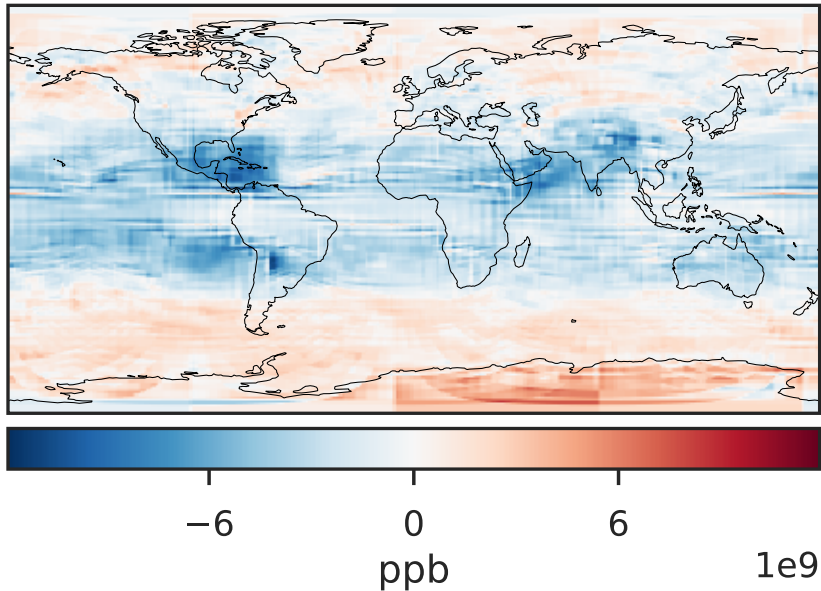
GCC 14.2.2 (Ref)  
4.0x5.0



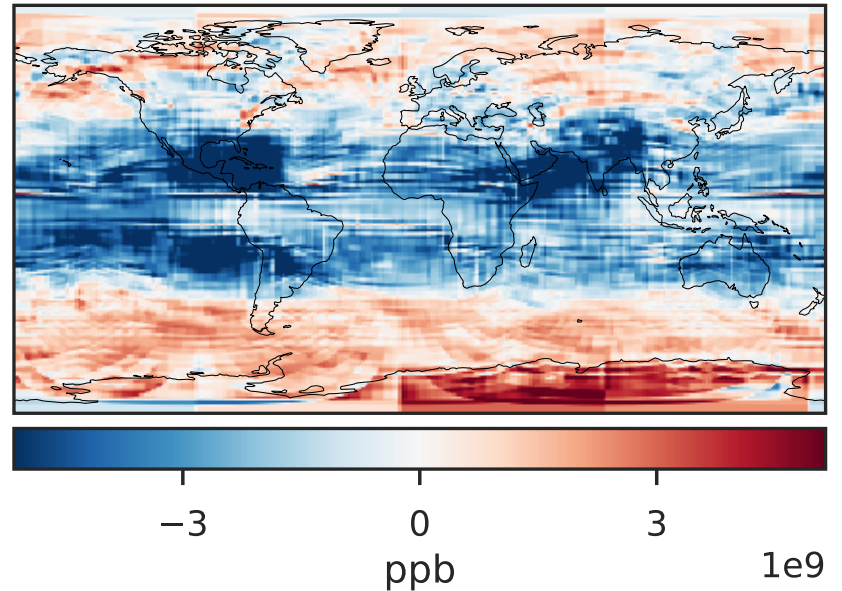
GCHP 14.2.2 using wind (Dev)  
c30



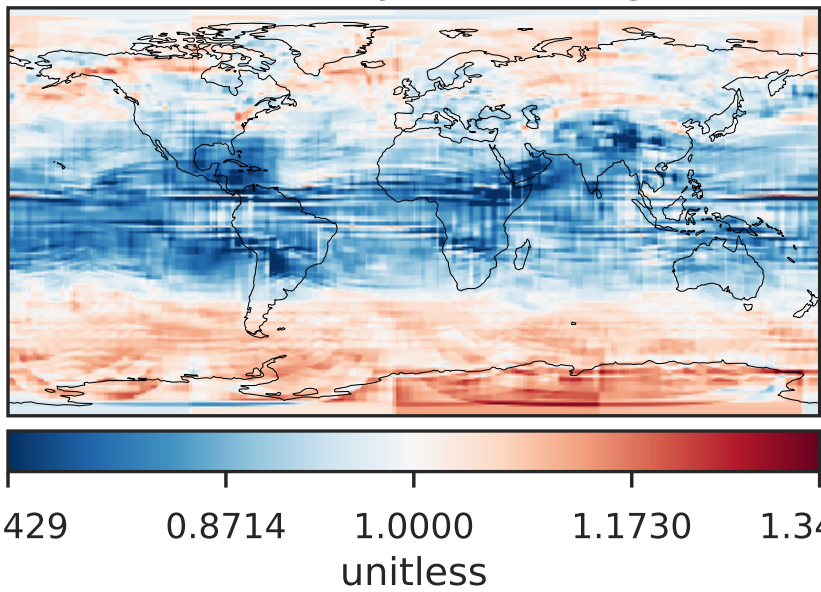
Difference (1x1.25)  
Dev - Ref, Dynamic Range



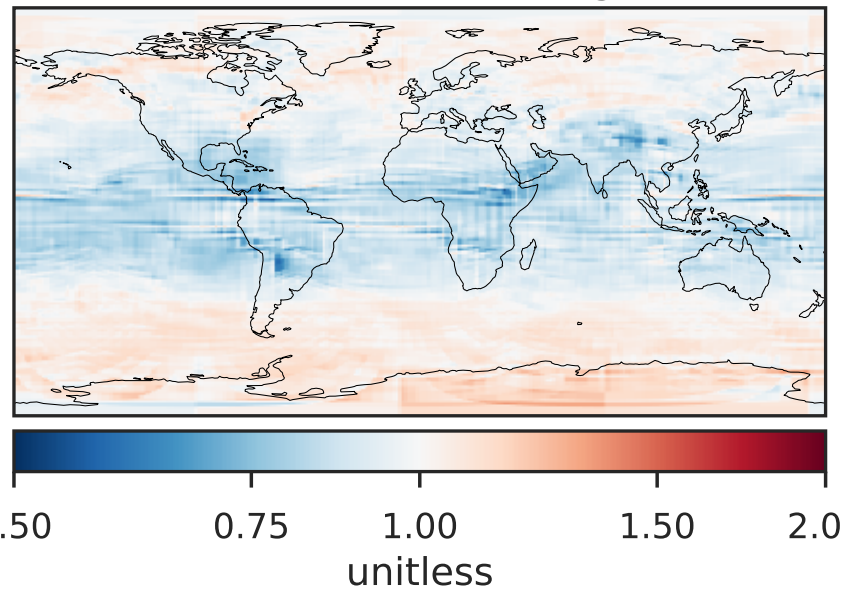
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

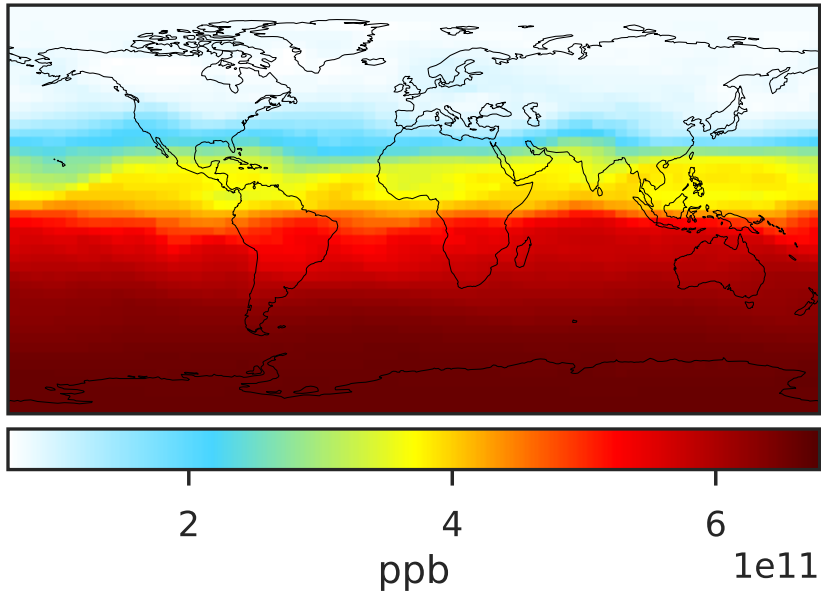


Ratio (1x1.25)  
Dev/Ref, Fixed Range

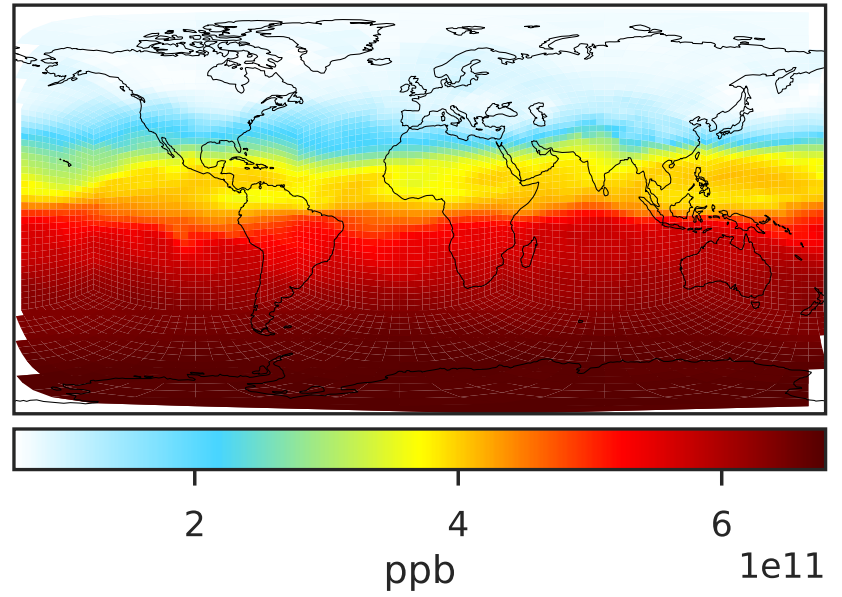


# SpeciesConcVW\_aoa\_nh (Apr2019)

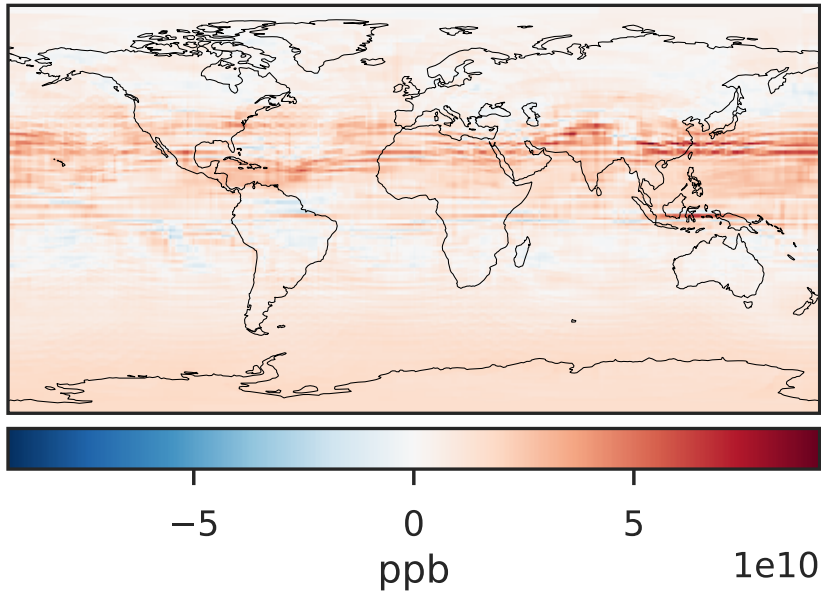
GCC 14.2.2 (Ref)  
4.0x5.0



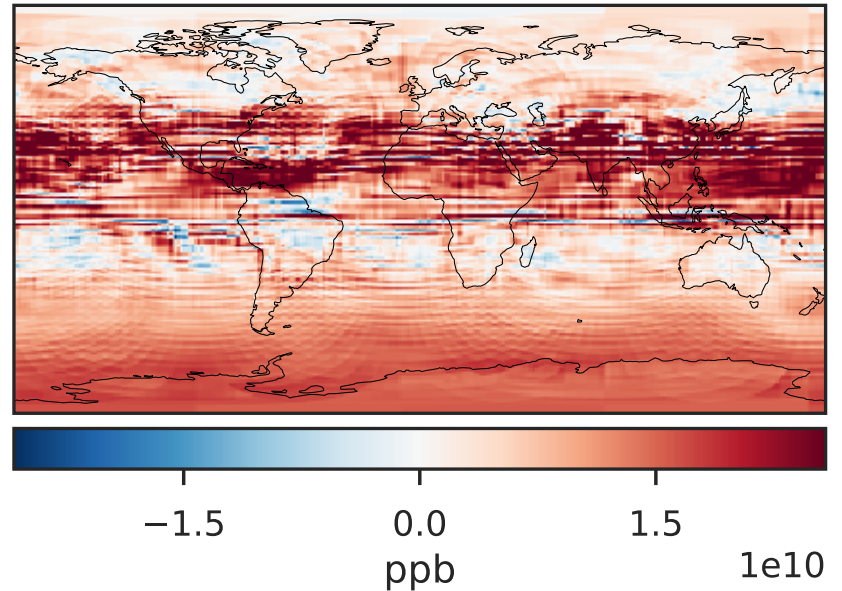
GCHP 14.2.2 using wind (Dev)  
c30



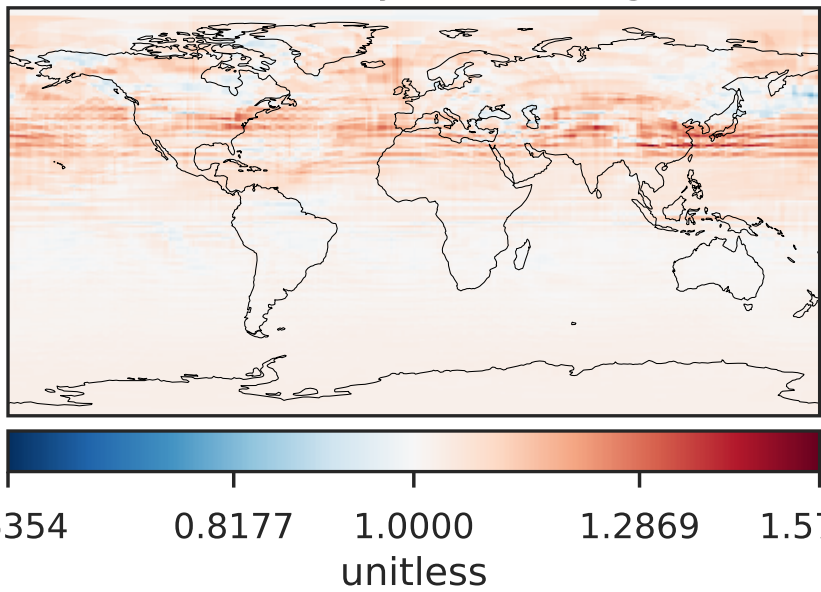
Difference (1x1.25)  
Dev - Ref, Dynamic Range



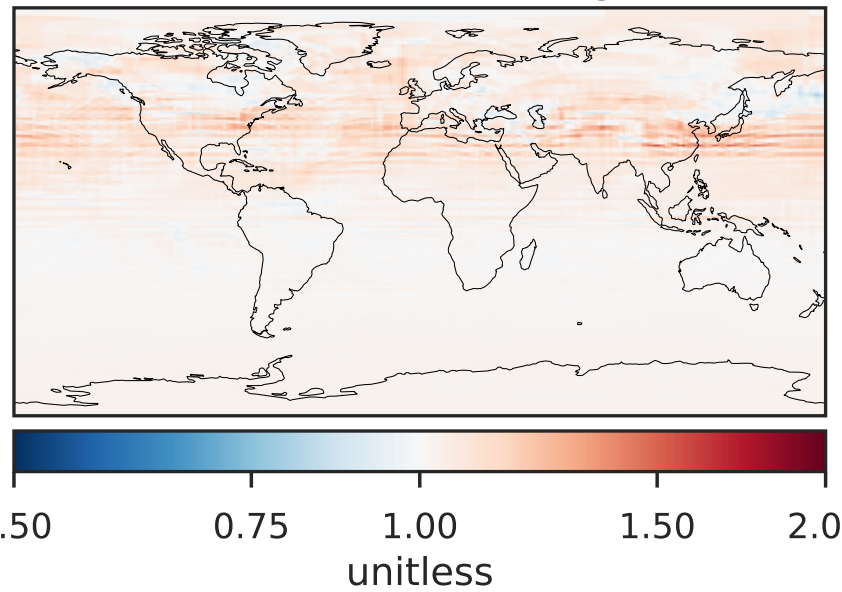
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

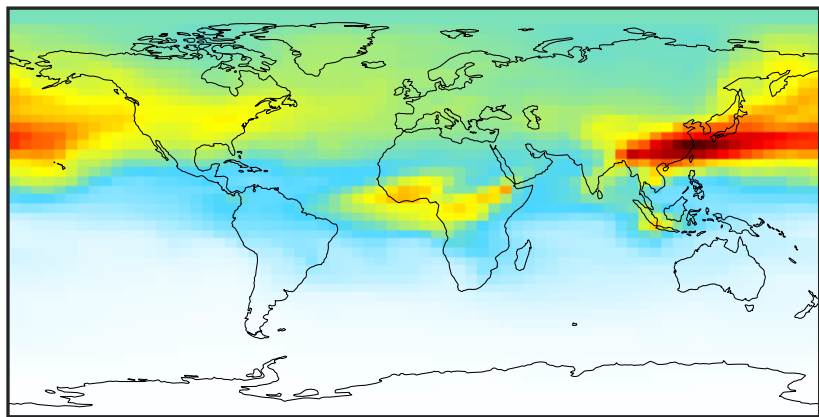


Ratio (1x1.25)  
Dev/Ref, Fixed Range



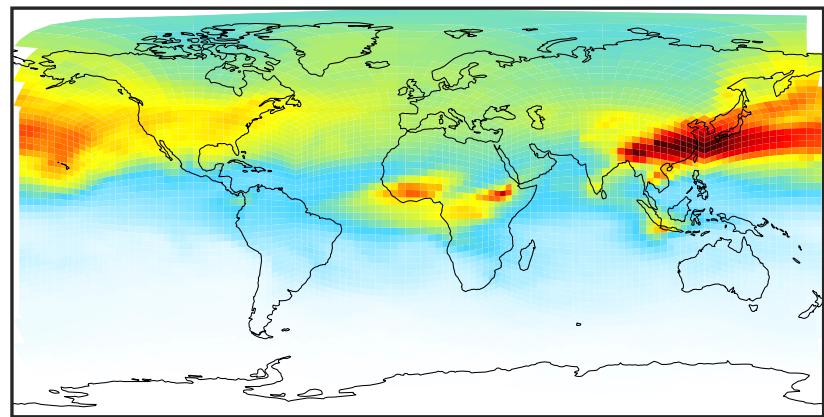
# SpeciesConcVV\_CO\_25 (Apr2019)

GCC 14.2.2 (Ref)  
4.0x5.0



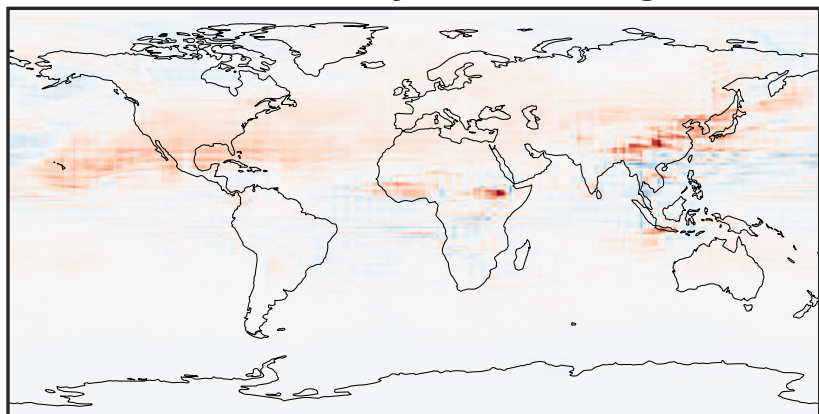
0.66 8.65 16.64 24.63 32.62  
ppb

GCHP 14.2.2 using wind (Dev)  
c30



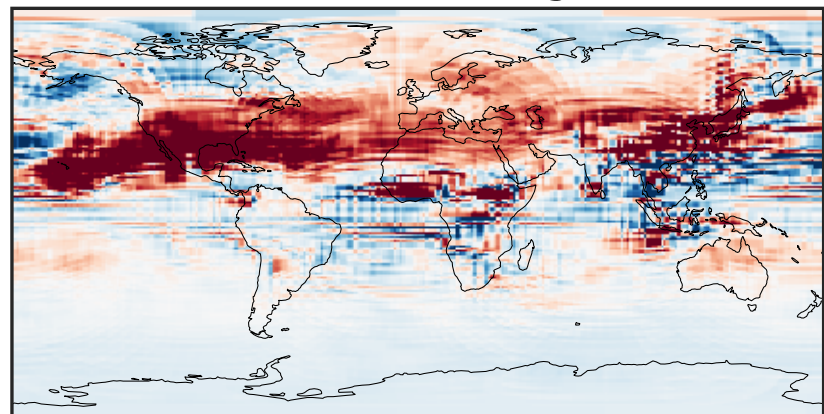
0.66 8.65 16.64 24.63 32.62  
ppb

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



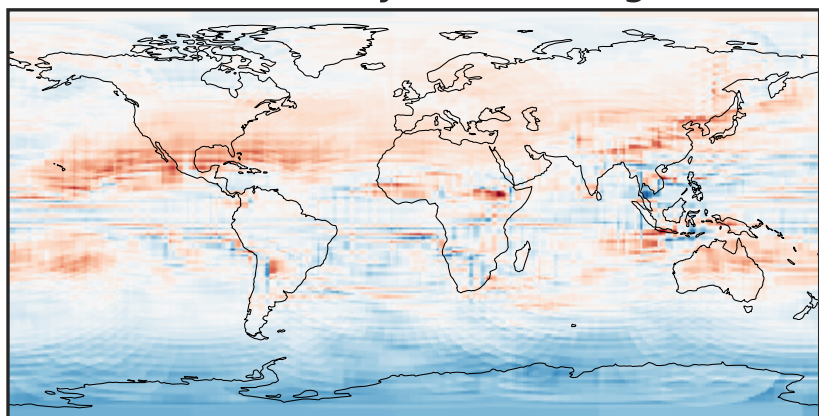
-10.11 -5.06 0.00 5.06 10.11  
ppb

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



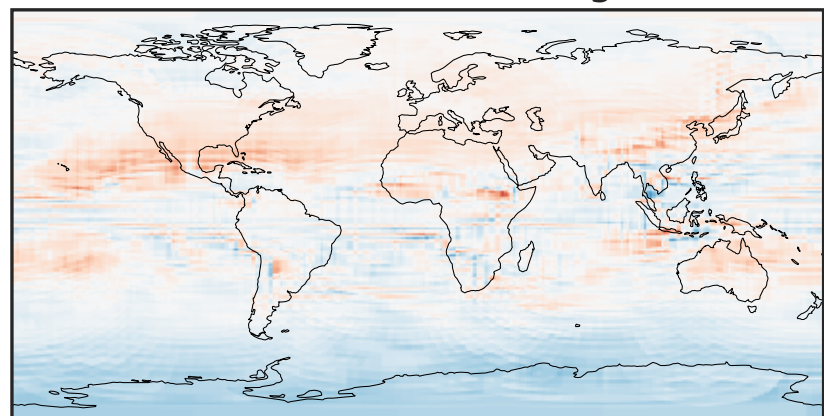
-1.414 -0.707 0.000 0.707 1.414  
ppb

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



0.6309 0.8154 1.0000 1.2925 1.5851  
unitless

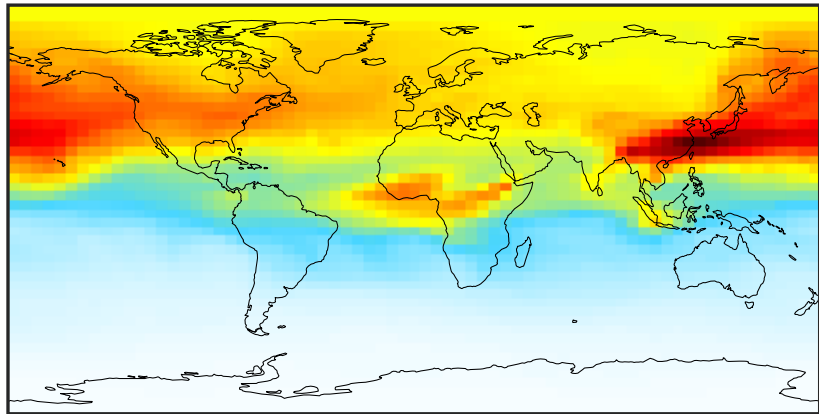
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

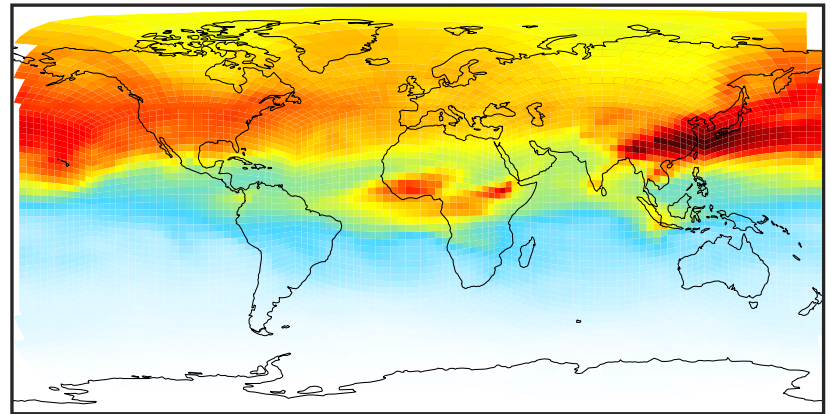
# SpeciesConcVV\_CO\_50 (Apr2019)

GCC 14.2.2 (Ref)  
4.0x5.0



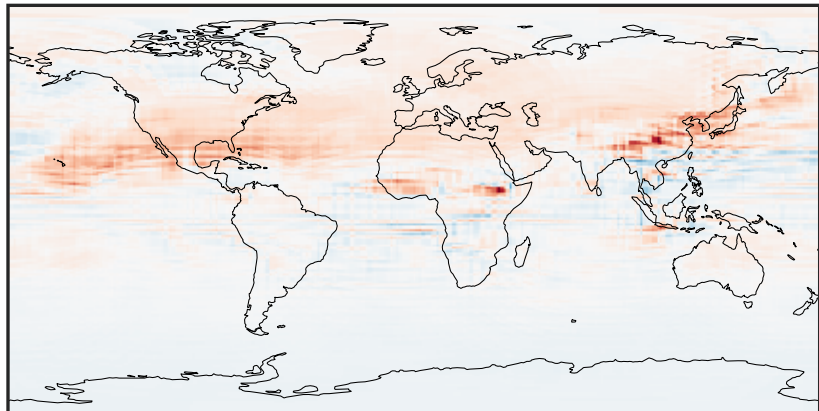
2.90 13.94 24.98 36.02 47.06  
ppb

GCHP 14.2.2 using wind (Dev)  
c30



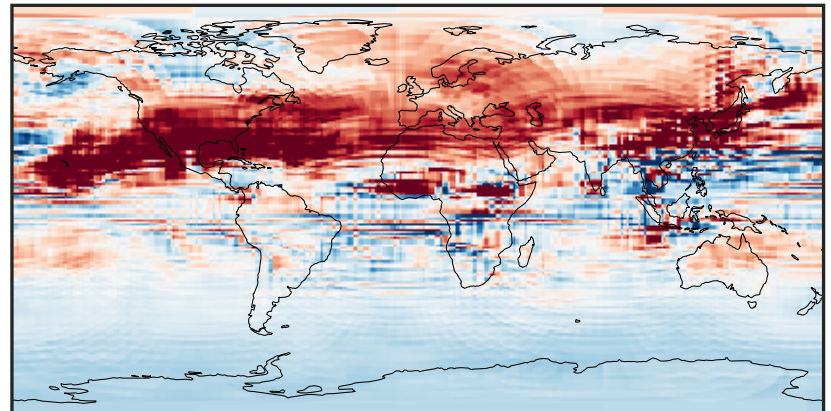
2.90 13.94 24.98 36.02 47.06  
ppb

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



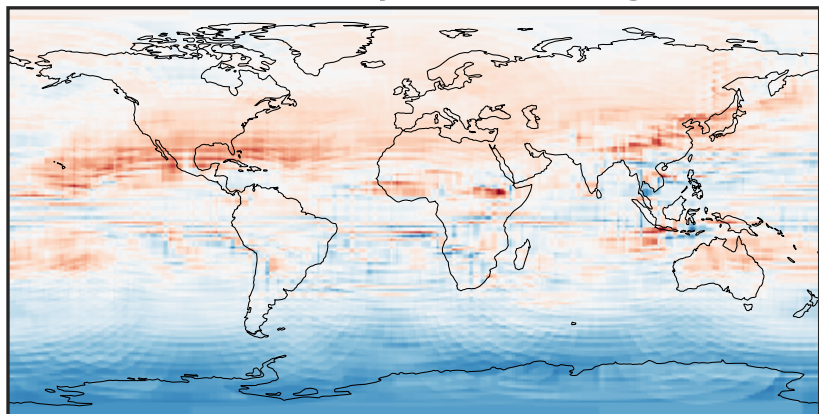
-10.73 -5.37 0.00 5.37 10.73  
ppb

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



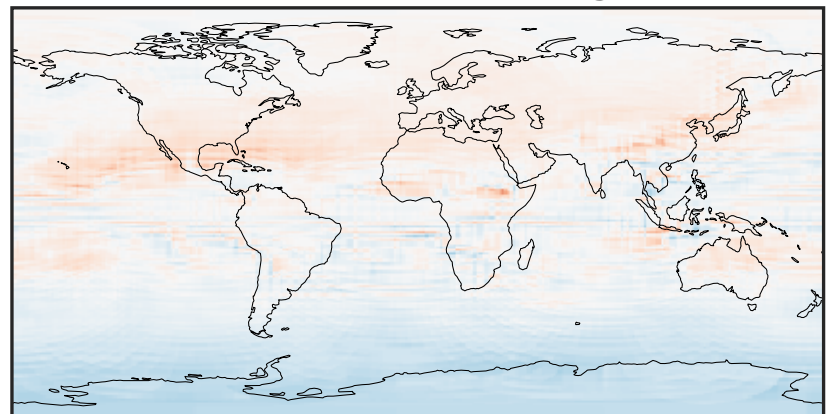
-2.008 -1.004 0.000 1.004 2.008  
ppb

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



0.7300 0.8650 1.0000 1.1849 1.3698  
unitless

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

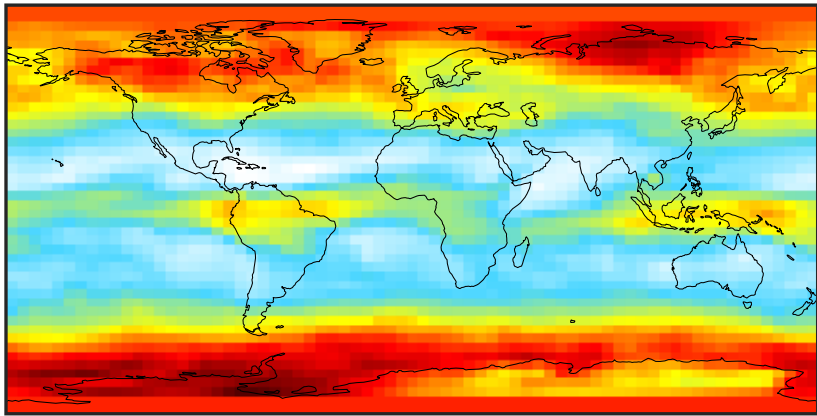


0.50 0.75 1.00 1.50 2.00  
unitless



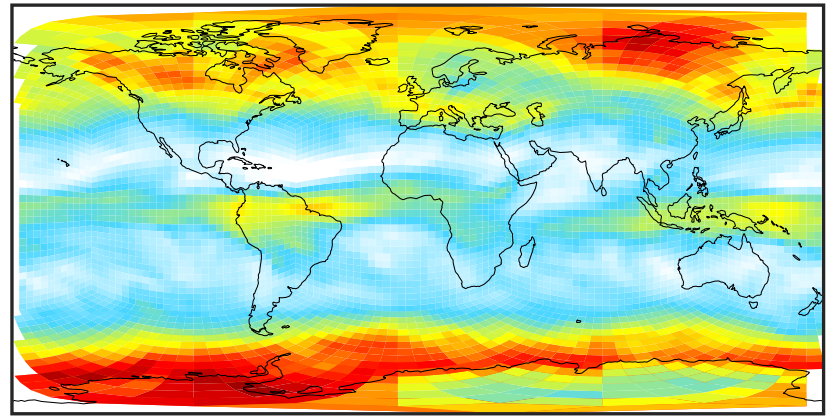
# SpeciesConcVV\_e90 (Apr2019)

GCC 14.2.2 (Ref)  
4.0x5.0



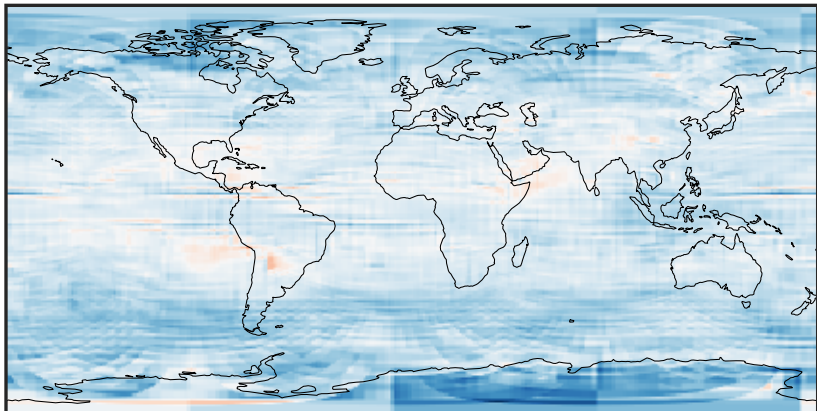
62.41 68.80 75.19 81.58 87.97  
ppb

GCHP 14.2.2 using wind (Dev)  
c30



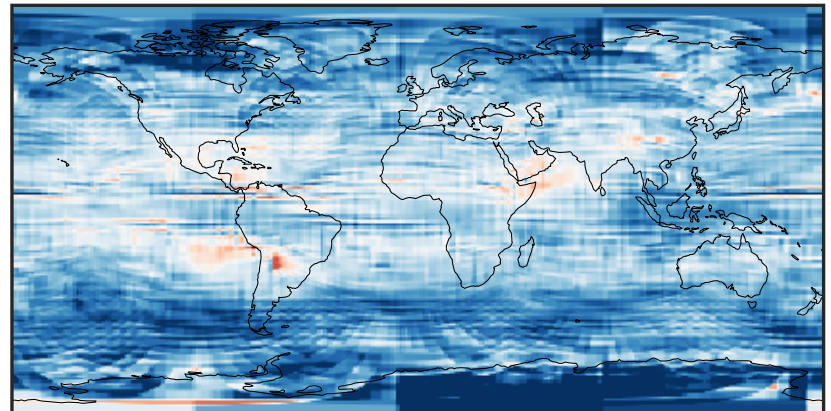
62.41 68.80 75.19 81.58 87.97  
ppb

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



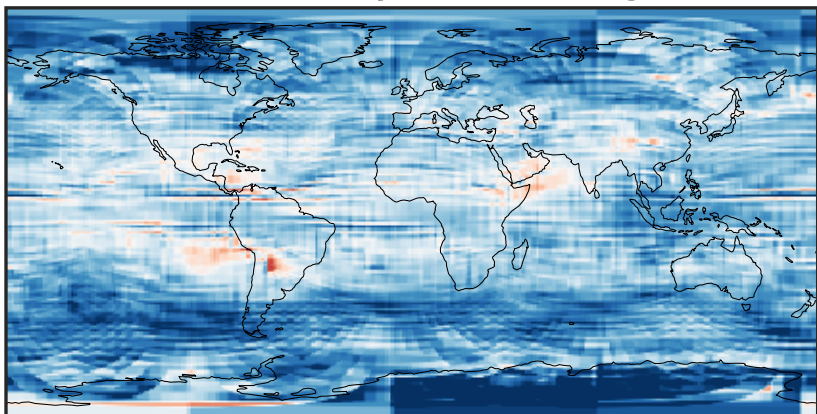
-8.89 -4.44 0.00 4.44 8.89  
ppb

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



-4.250 -2.125 0.000 2.125 4.250  
ppb

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



0.9429 0.9714 1.0000 1.0303 1.0606  
unitless

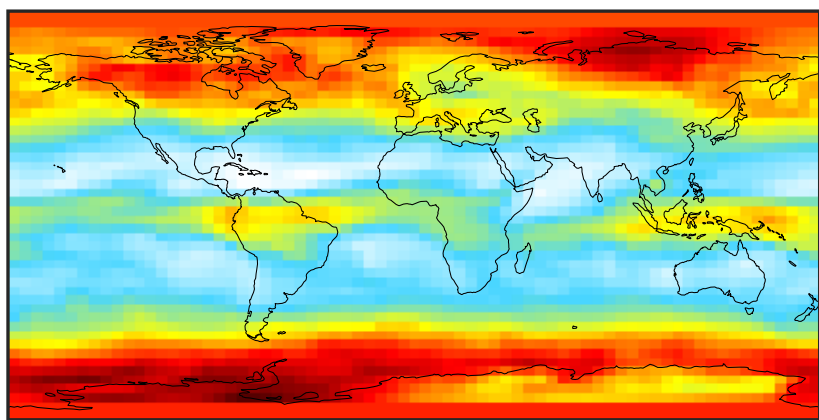
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

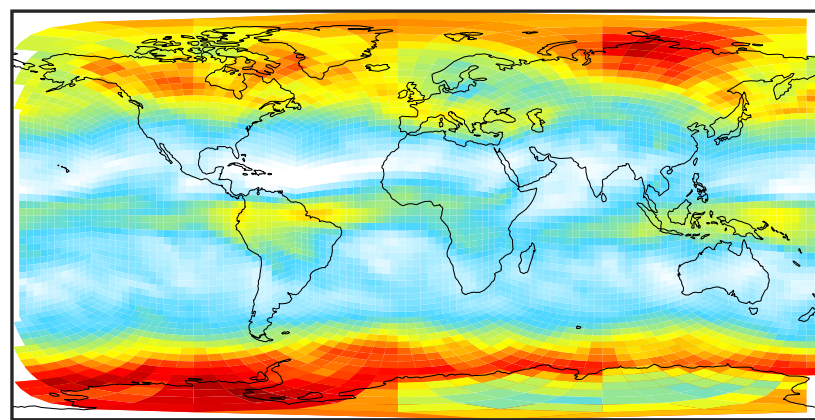
# SpeciesConcVV\_e90\_n (Apr2019)

GCC 14.2.2 (Ref)  
4.0x5.0



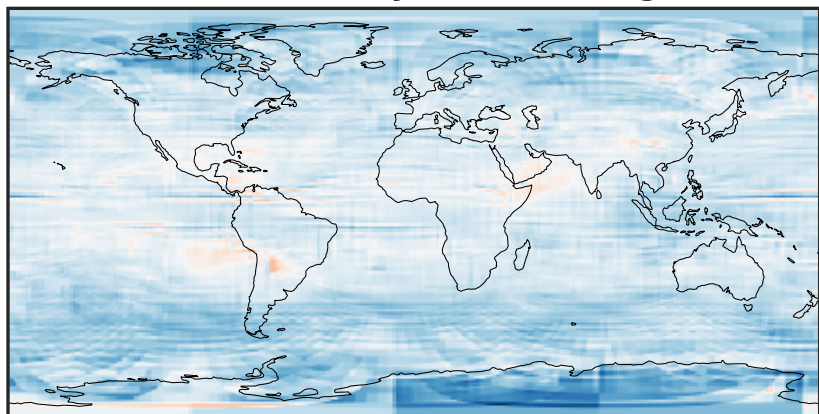
62.41 68.80 75.19 81.58 87.97  
ppb

GCHP 14.2.2 using wind (Dev)  
c30



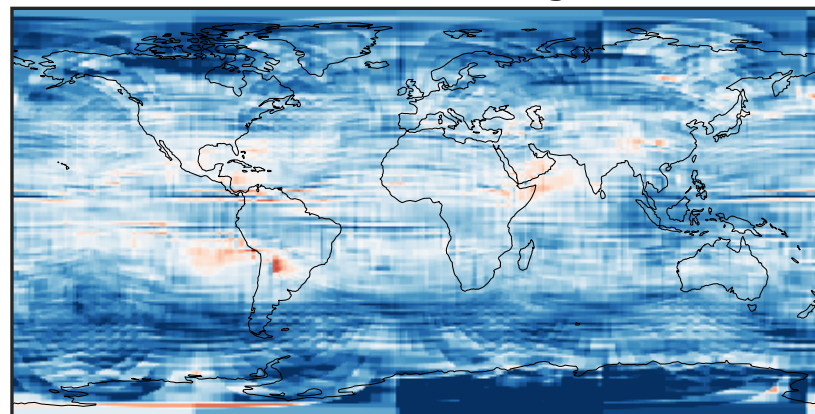
62.41 68.80 75.19 81.58 87.97  
ppb

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



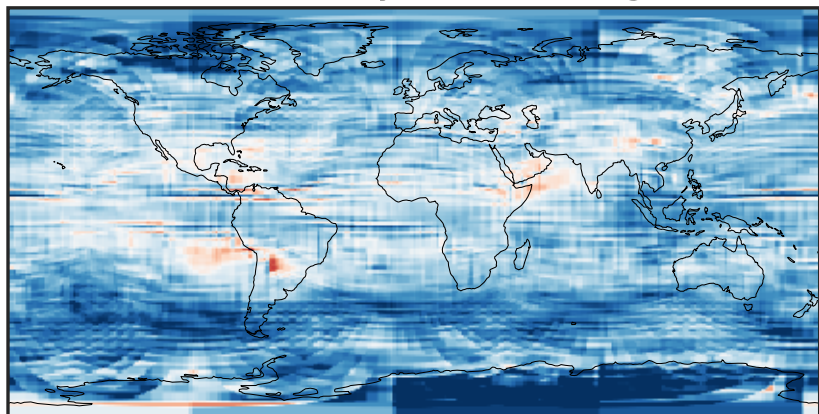
-8.89 -4.44 0.00 4.44 8.89  
ppb

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



-4.250 -2.125 0.000 2.125 4.250  
ppb

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



0.9429 0.9714 1.0000 1.0303 1.0606  
unitless

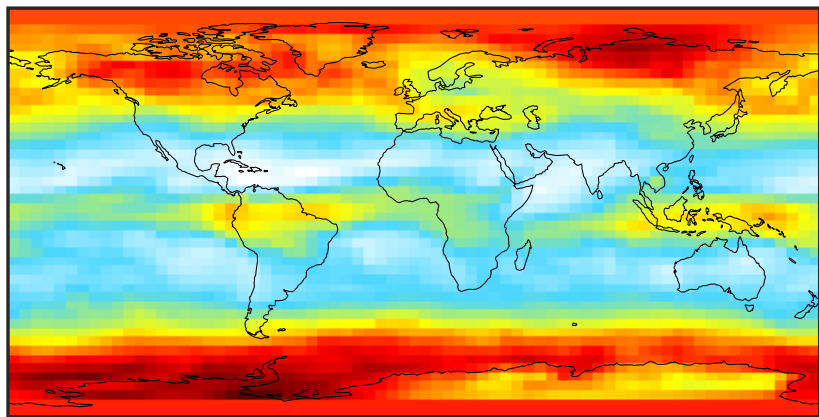
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

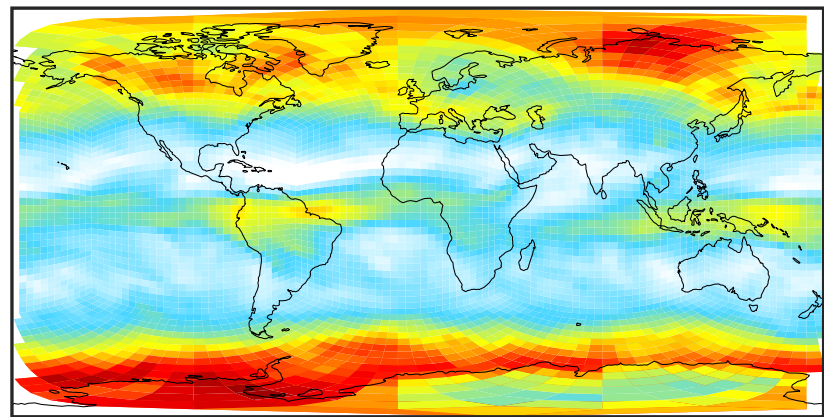
# SpeciesConcVV\_e90\_s (Apr2019)

GCC 14.2.2 (Ref)  
4.0x5.0



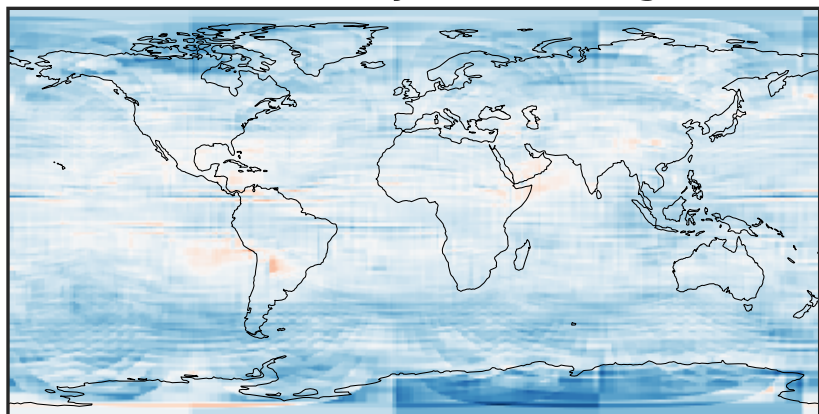
62.41 68.80 75.19 81.58 87.97  
ppb

GCHP 14.2.2 using wind (Dev)  
c30



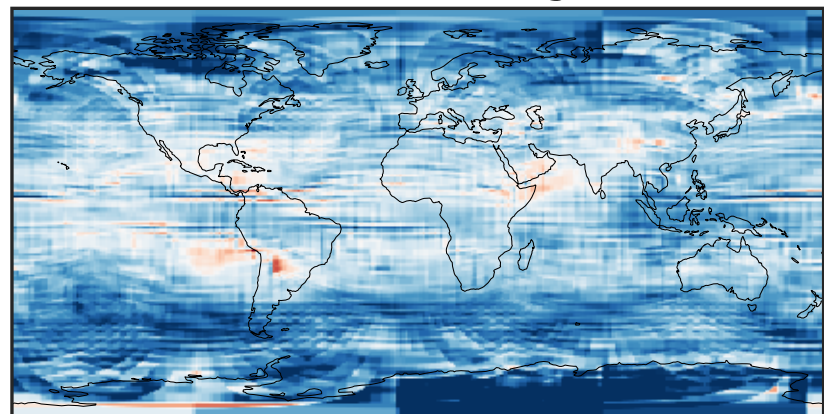
62.41 68.80 75.19 81.58 87.97  
ppb

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



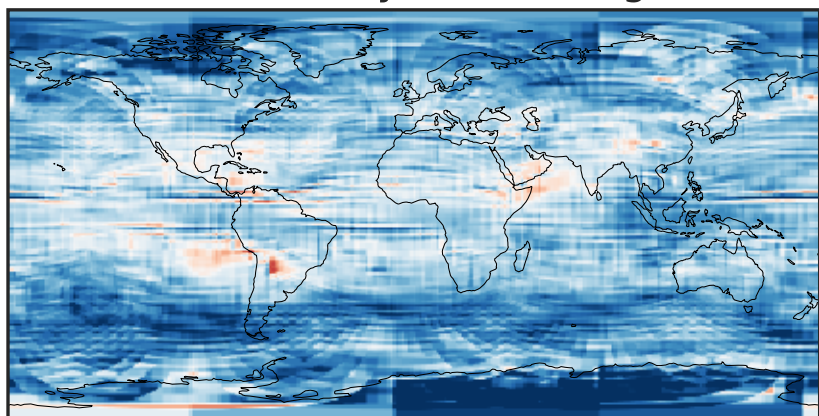
-8.89 -4.44 0.00 4.44 8.89  
ppb

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



-4.250 -2.125 0.000 2.125 4.250  
ppb

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



0.9429 0.9714 1.0000 1.0303 1.0606  
unitless

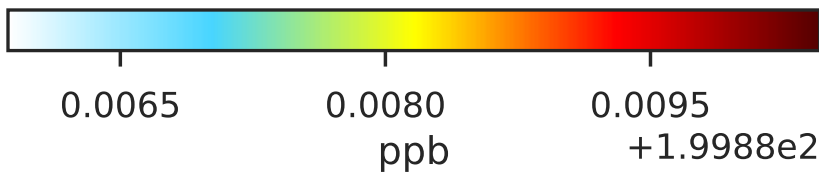
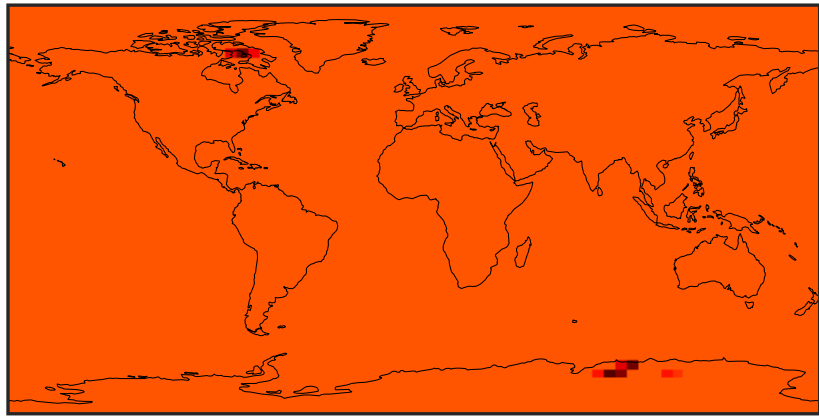
Ratio (1x1.25)  
Dev/Ref, Fixed Range



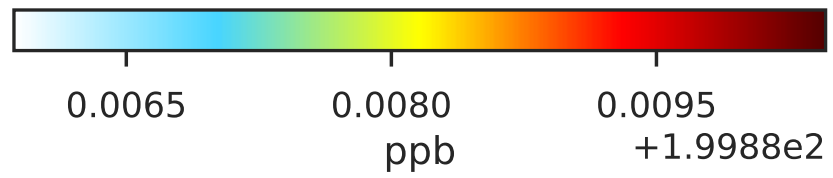
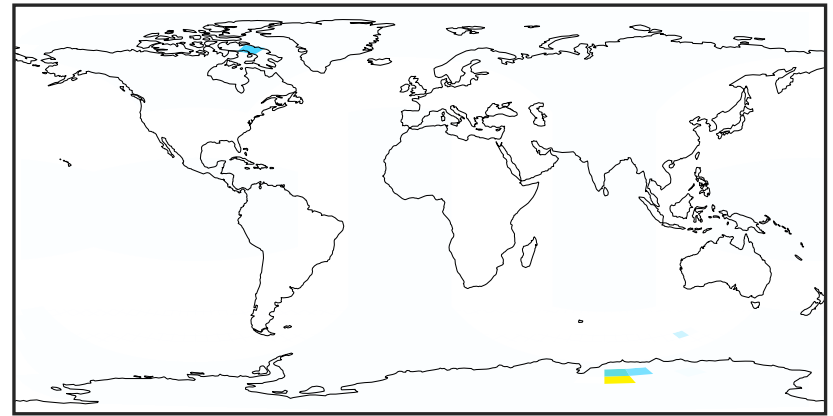
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_st80\_25 (Apr2019)

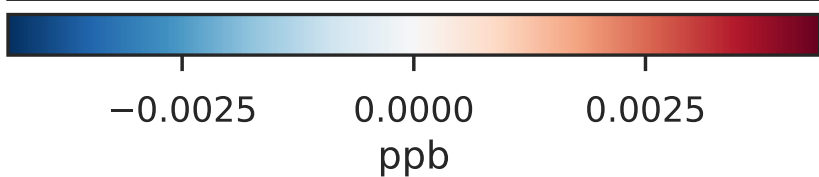
GCC 14.2.2 (Ref)  
4.0x5.0



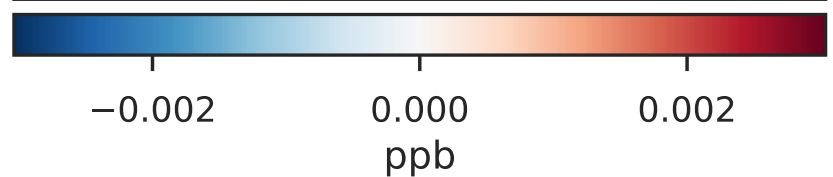
GCHP 14.2.2 using wind (Dev)  
c30



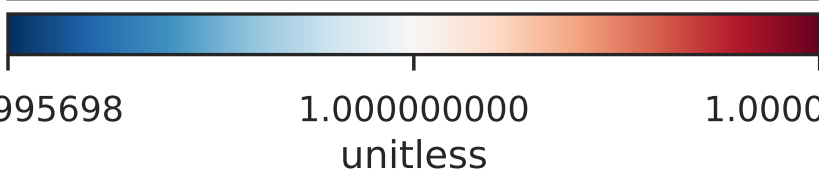
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



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



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

