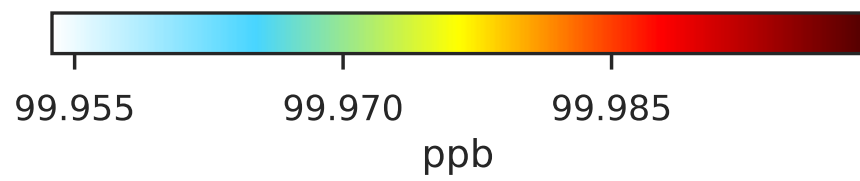
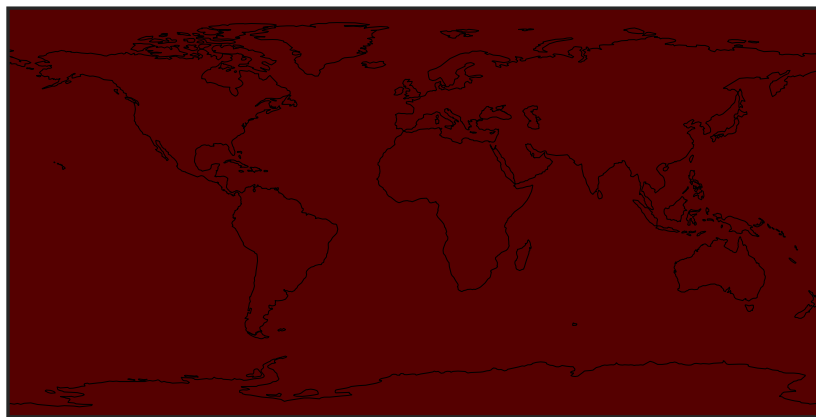
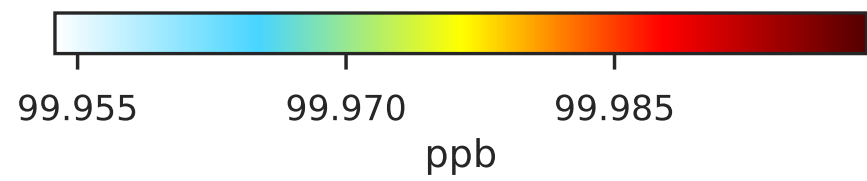
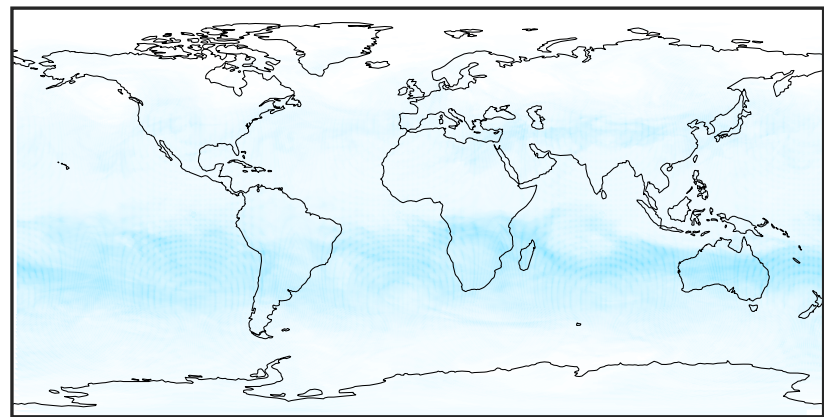


SpeciesConcVV_PassiveTracer (Jul2019)

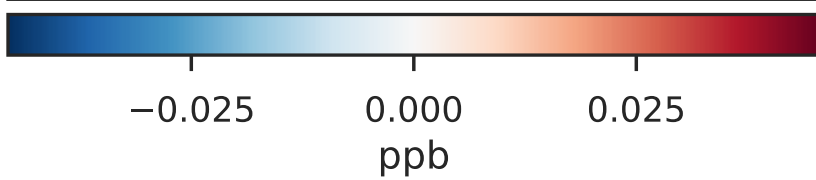
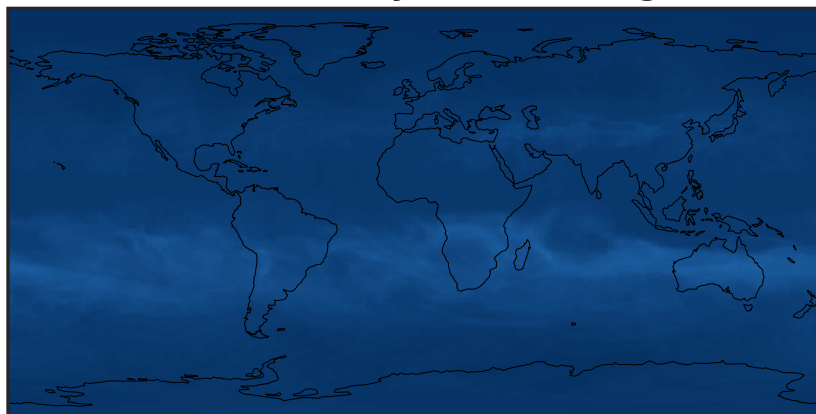
GCC 14.2.2 (Ref)
4.0x5.0



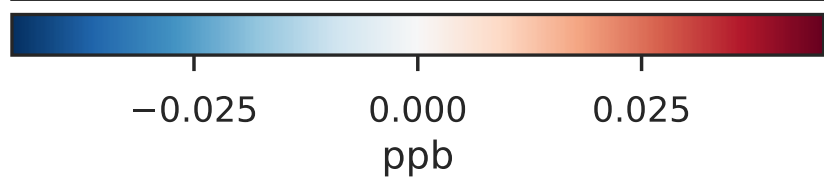
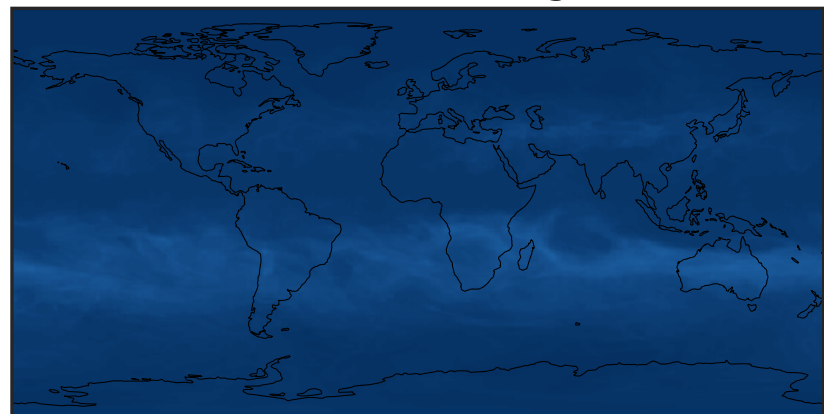
GCHP 14.2.2 using wind (Dev)
c180



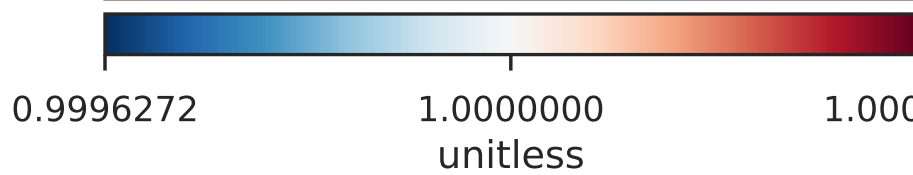
Difference (1x1.25)
Dev - Ref, Dynamic Range



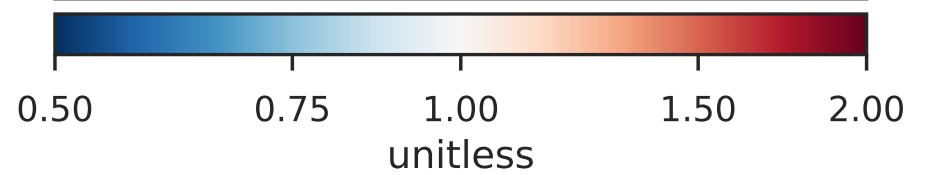
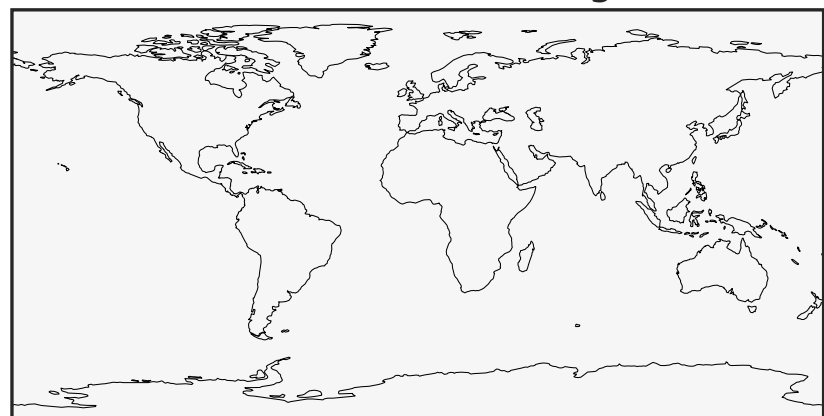
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

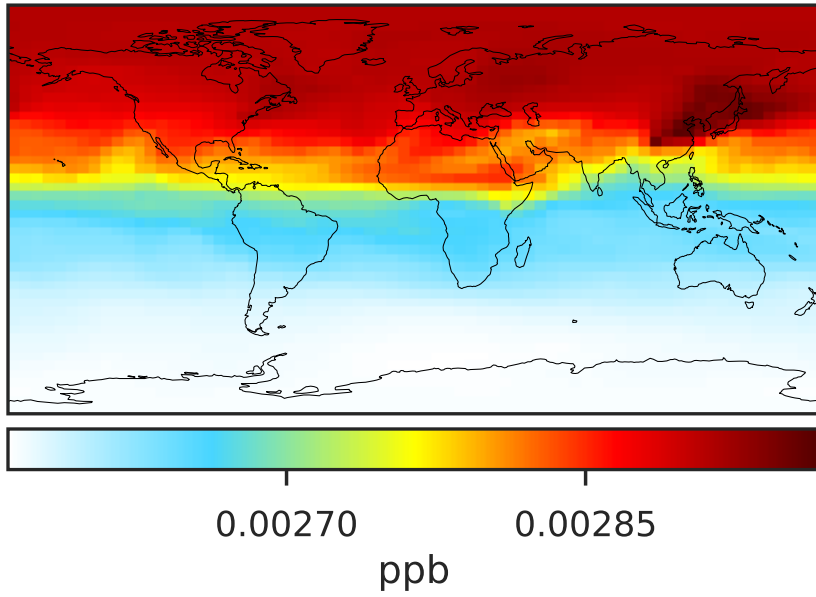


Ratio (1x1.25)
Dev/Ref, Fixed Range

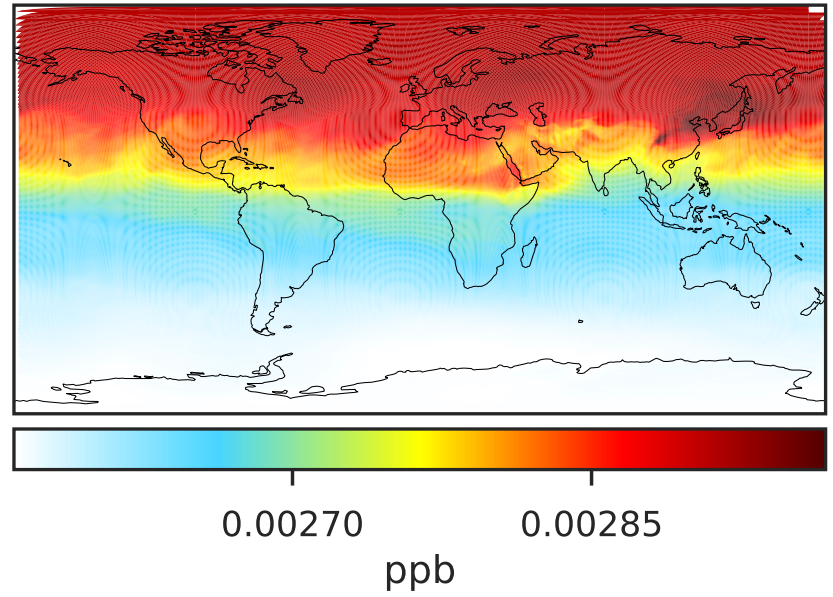


SpeciesConcVV_SF6 (Jul2019)

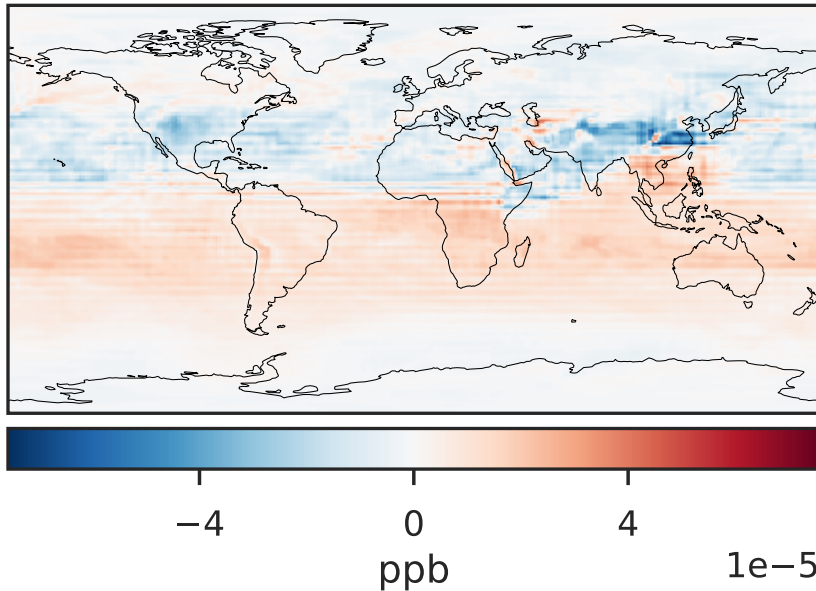
GCC 14.2.2 (Ref)
4.0x5.0



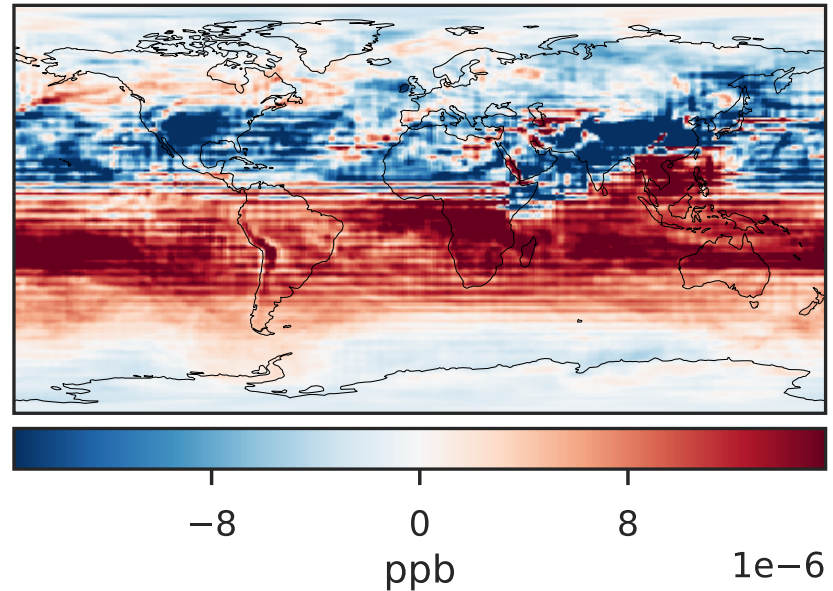
GCHP 14.2.2 using wind (Dev)
c180



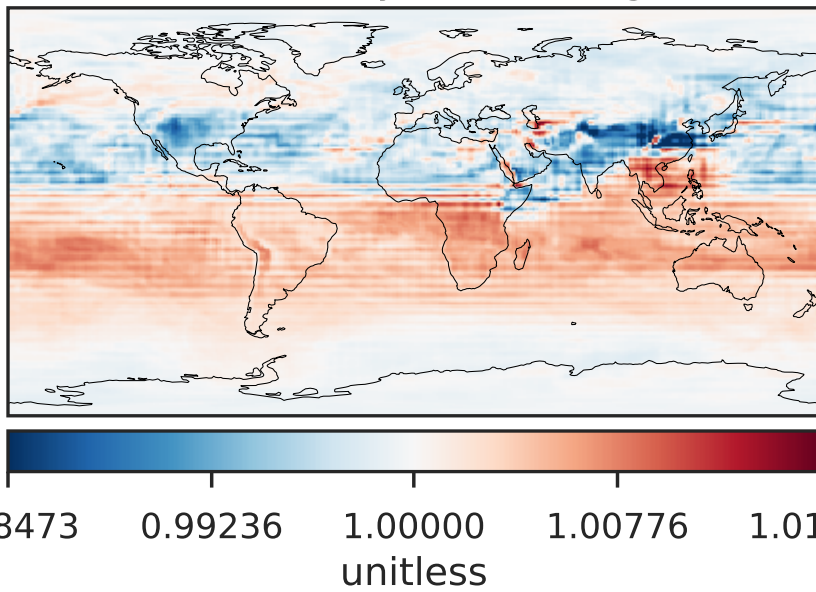
Difference (1x1.25)
Dev - Ref, Dynamic Range



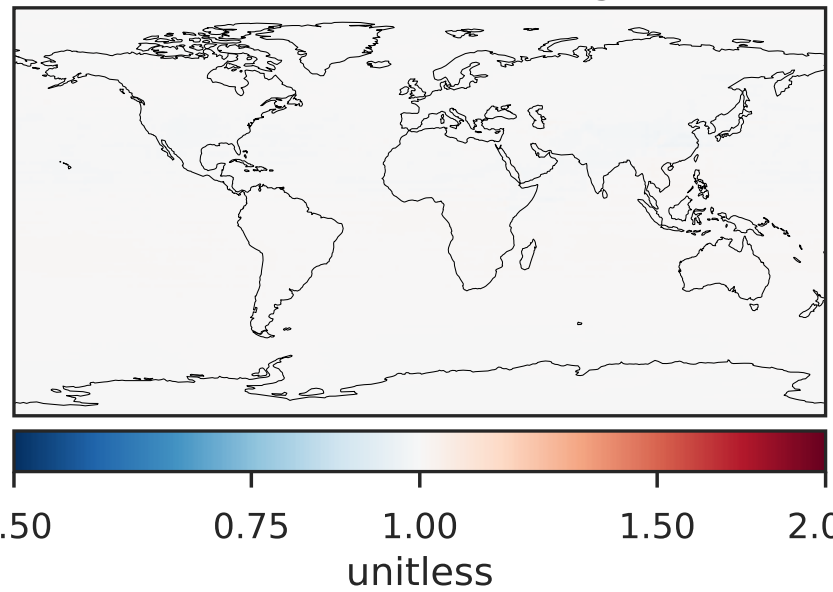
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

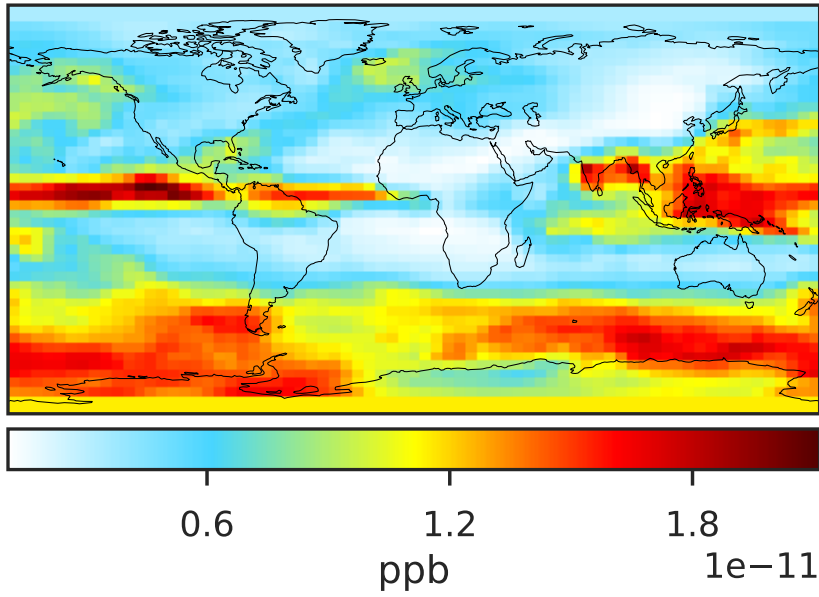


Ratio (1x1.25)
Dev/Ref, Fixed Range

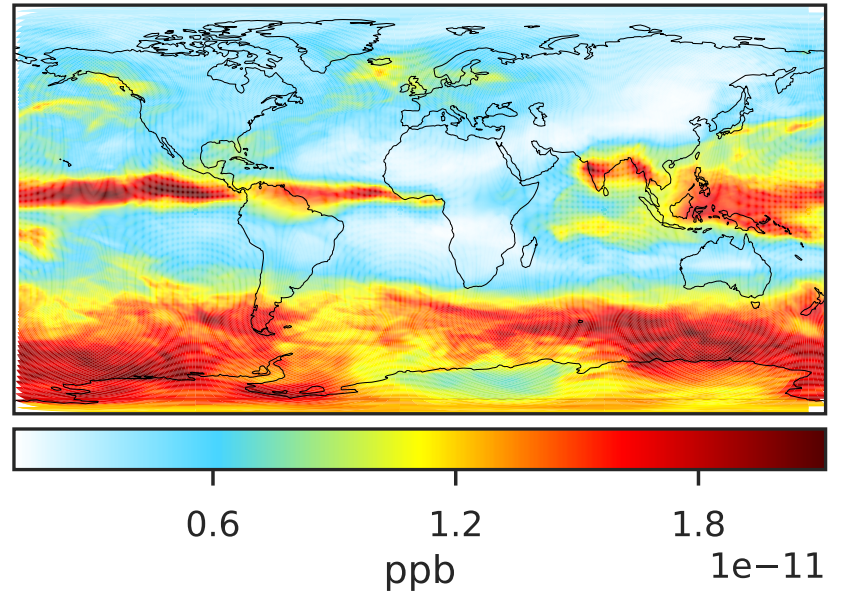


SpeciesConcVV_CH3I (Jul2019)

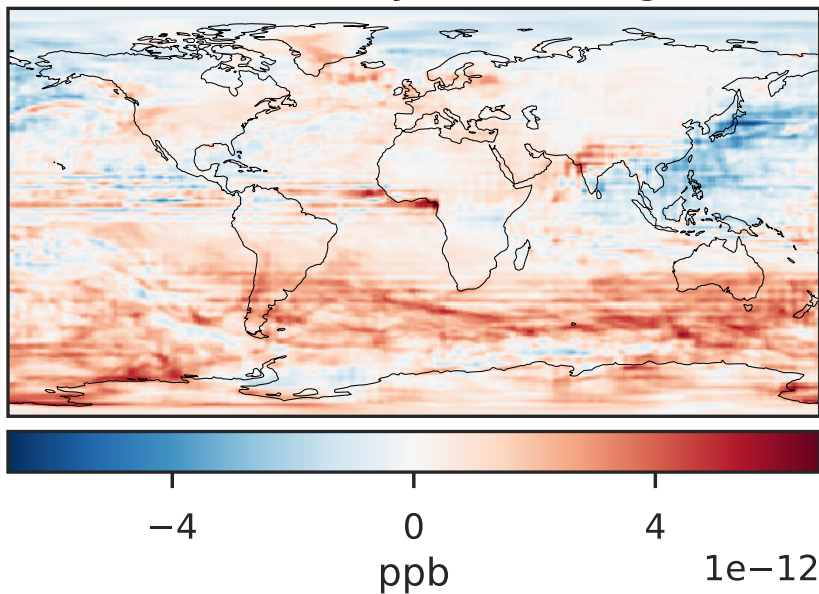
GCC 14.2.2 (Ref)
4.0x5.0



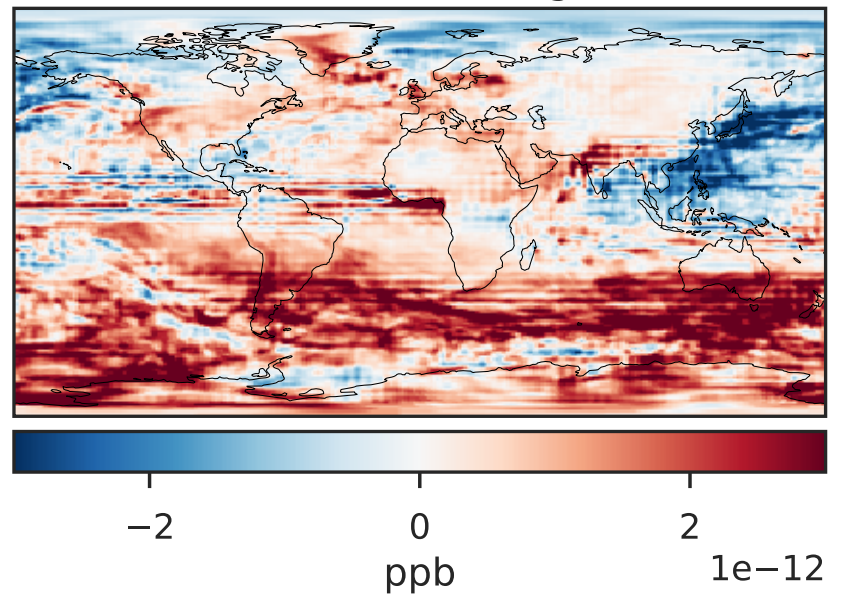
GCHP 14.2.2 using wind (Dev)
c180



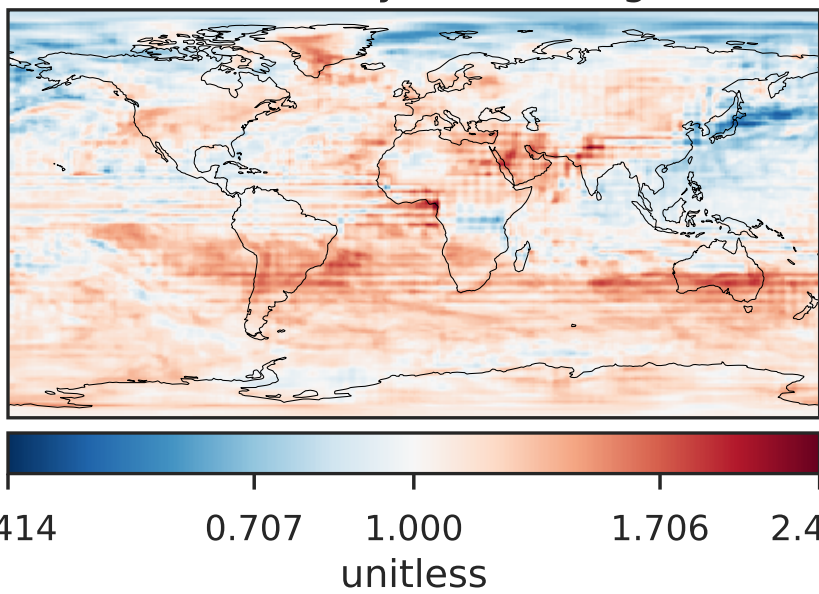
Difference (1x1.25)
Dev - Ref, Dynamic Range



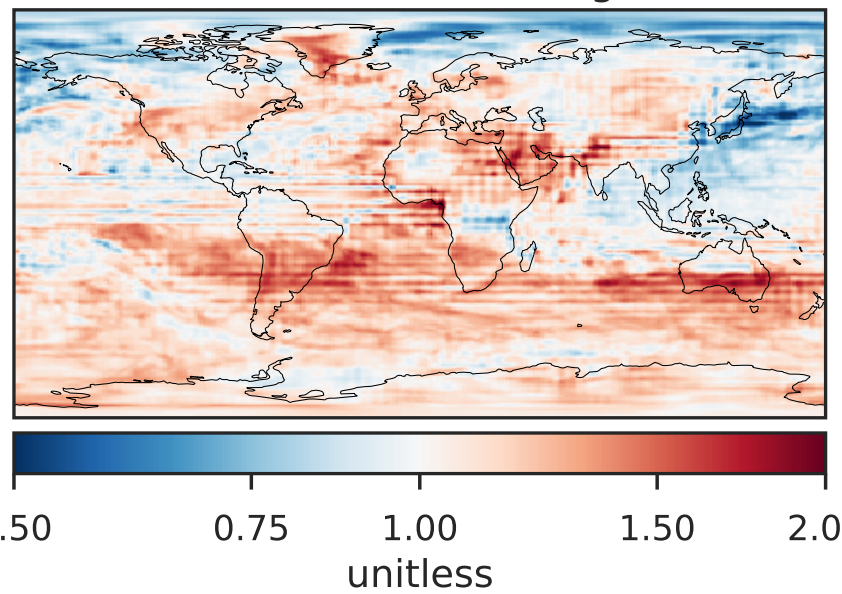
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

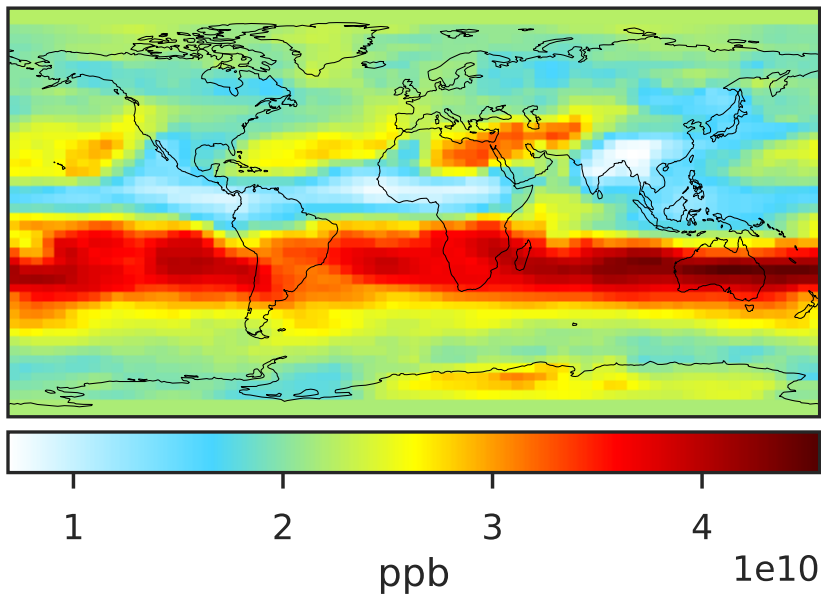


Ratio (1x1.25)
Dev/Ref, Fixed Range

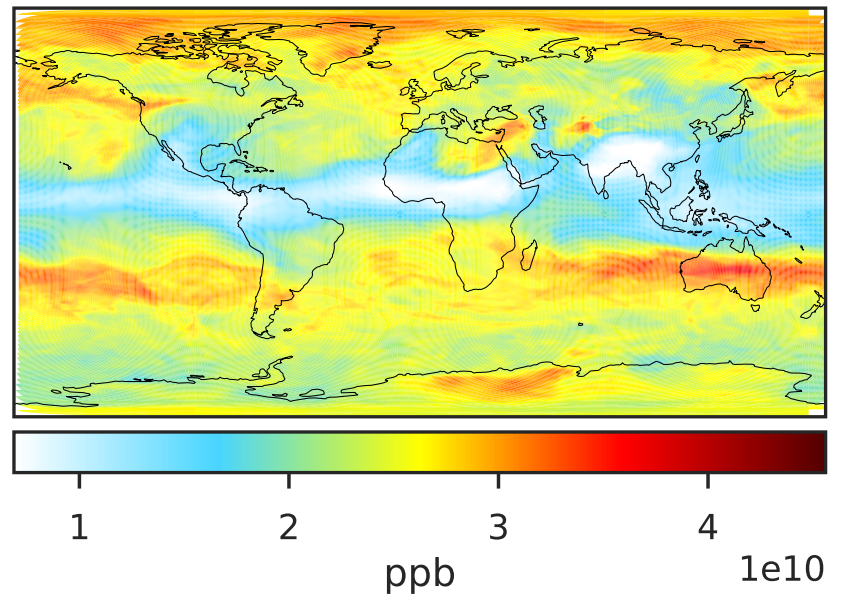


SpeciesConcVV_aoa (Jul2019)

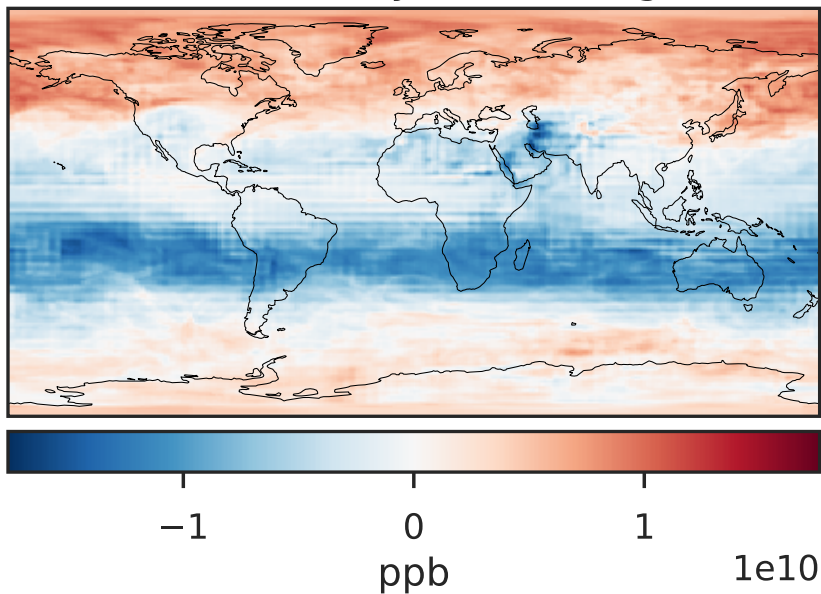
GCC 14.2.2 (Ref)
4.0x5.0



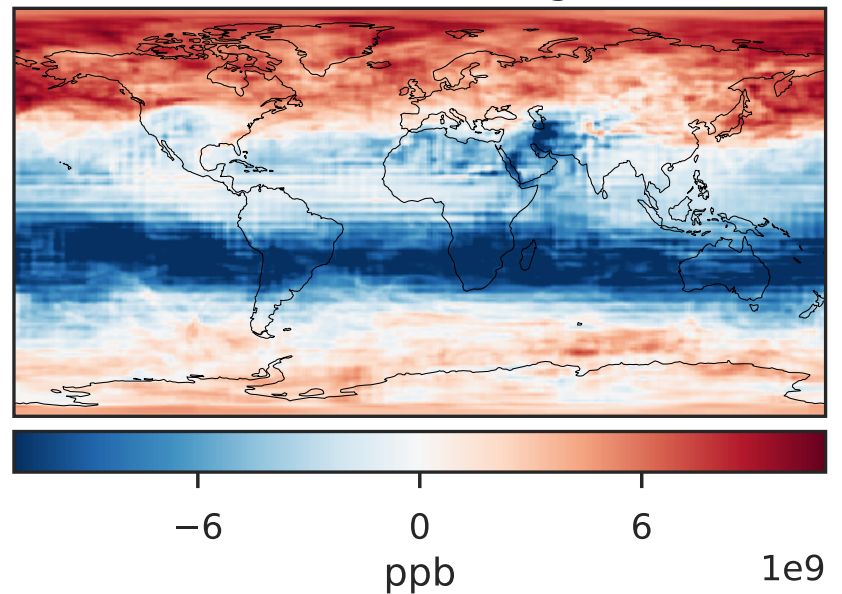
GCHP 14.2.2 using wind (Dev)
c180



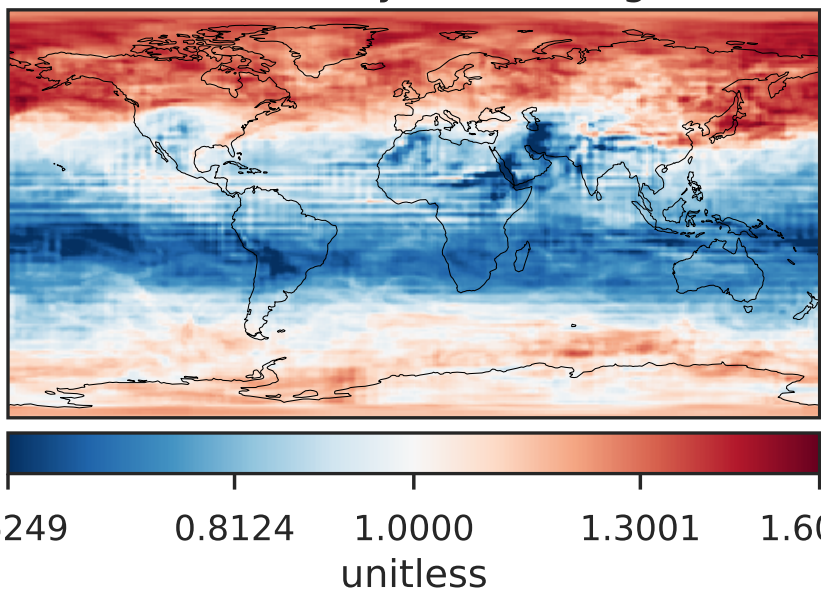
Difference (1x1.25)
Dev - Ref, Dynamic Range



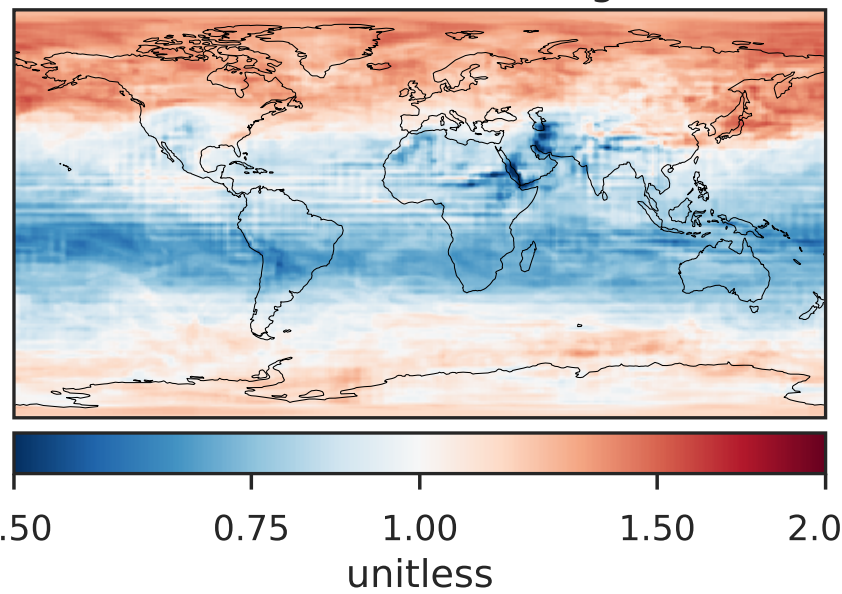
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

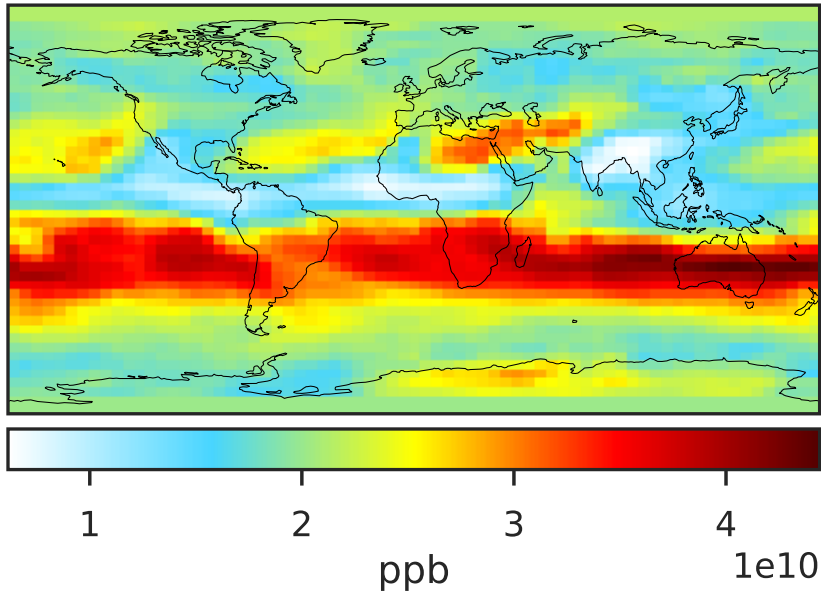


Ratio (1x1.25)
Dev/Ref, Fixed Range

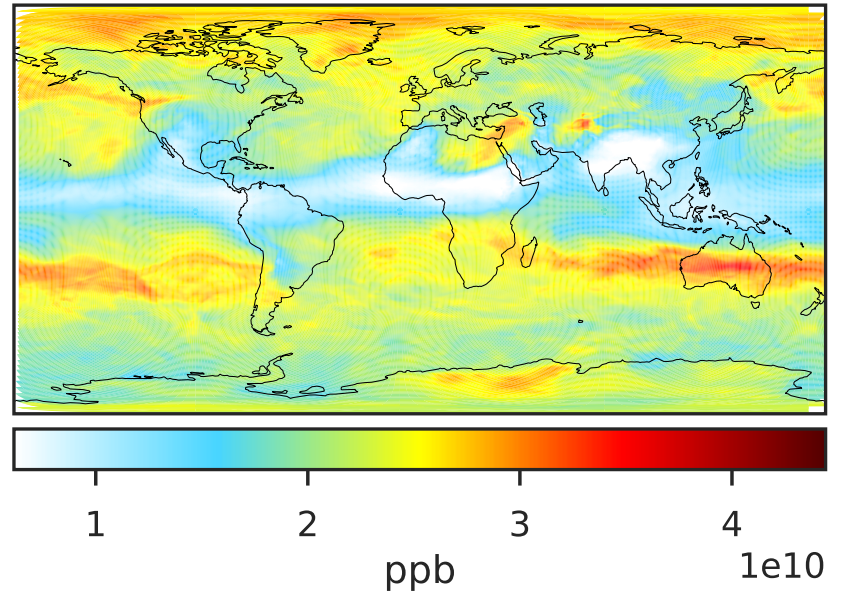


SpeciesConcVV_aoa_bl (Jul2019)

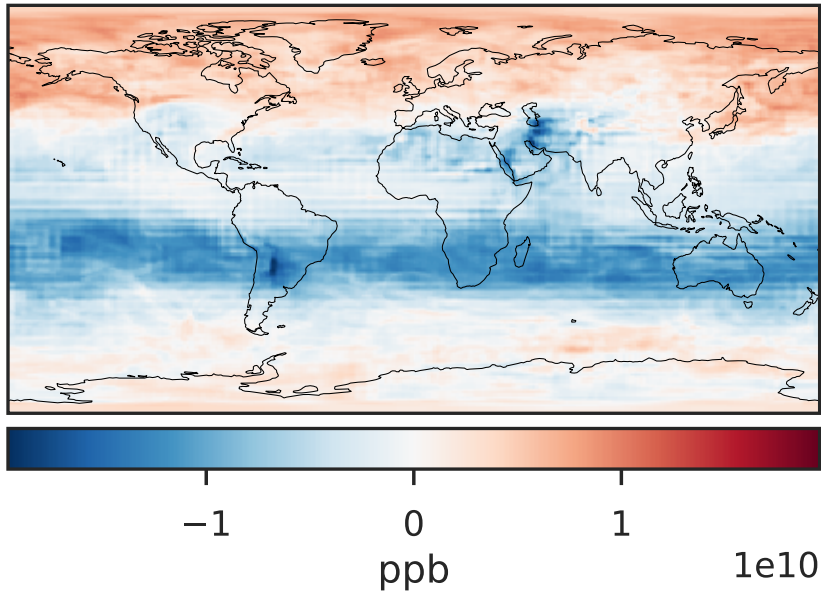
GCC 14.2.2 (Ref)
4.0x5.0



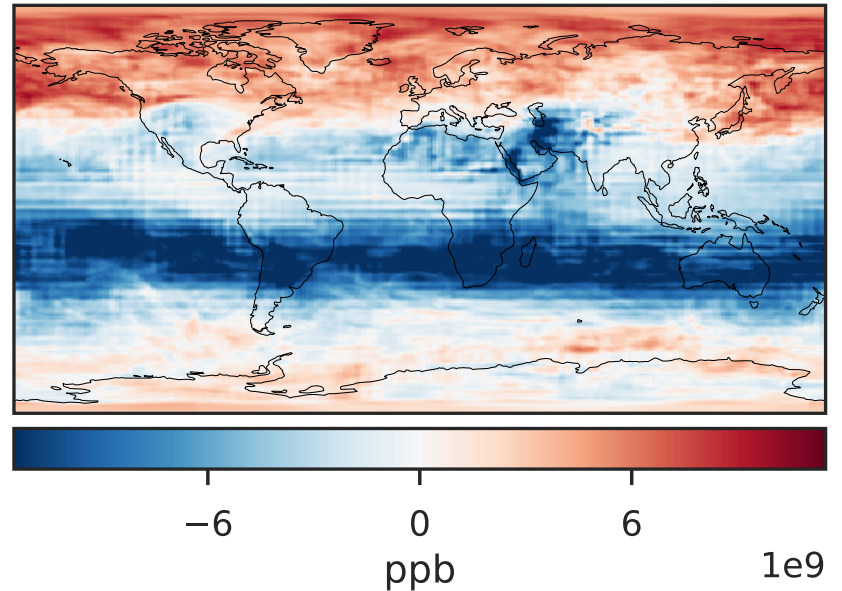
GCHP 14.2.2 using wind (Dev)
c180



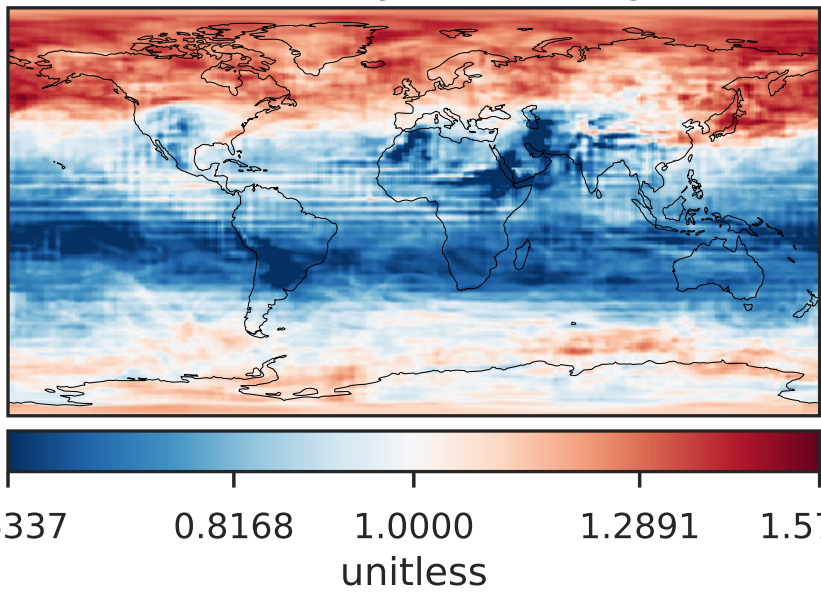
Difference (1x1.25)
Dev - Ref, Dynamic Range



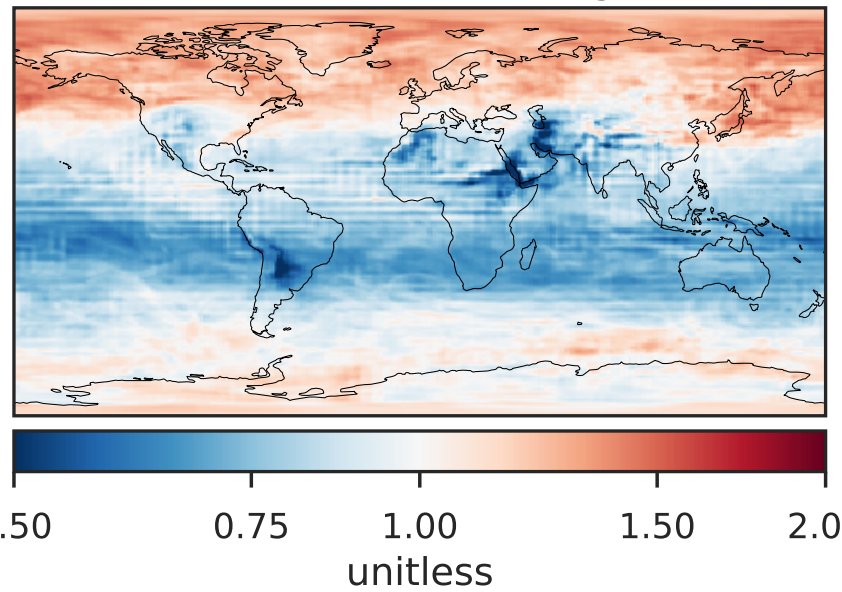
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

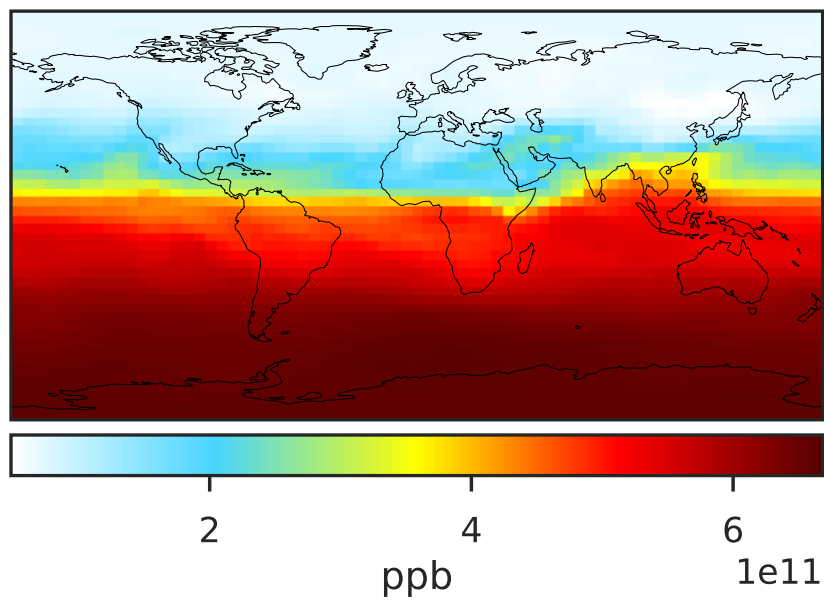


Ratio (1x1.25)
Dev/Ref, Fixed Range

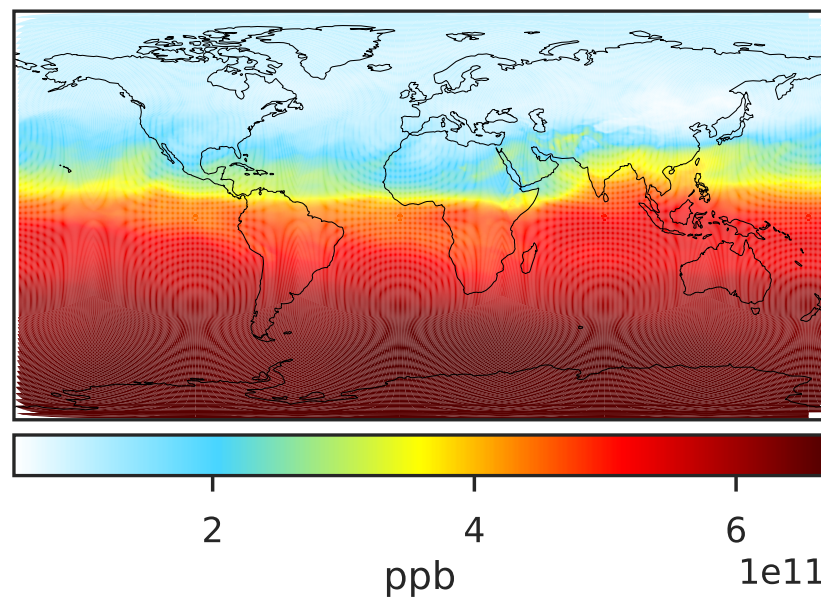


SpeciesConcVV_aoa_nh (Jul2019)

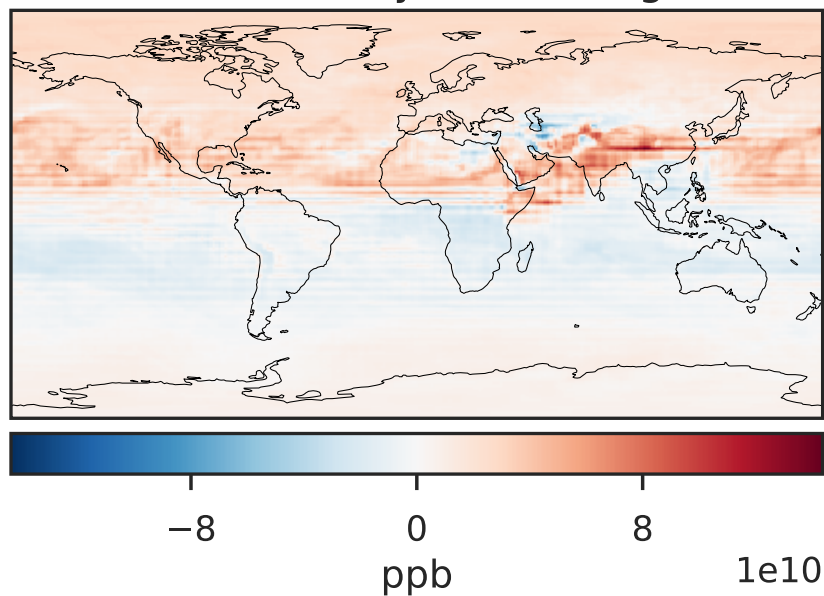
GCC 14.2.2 (Ref)
4.0x5.0



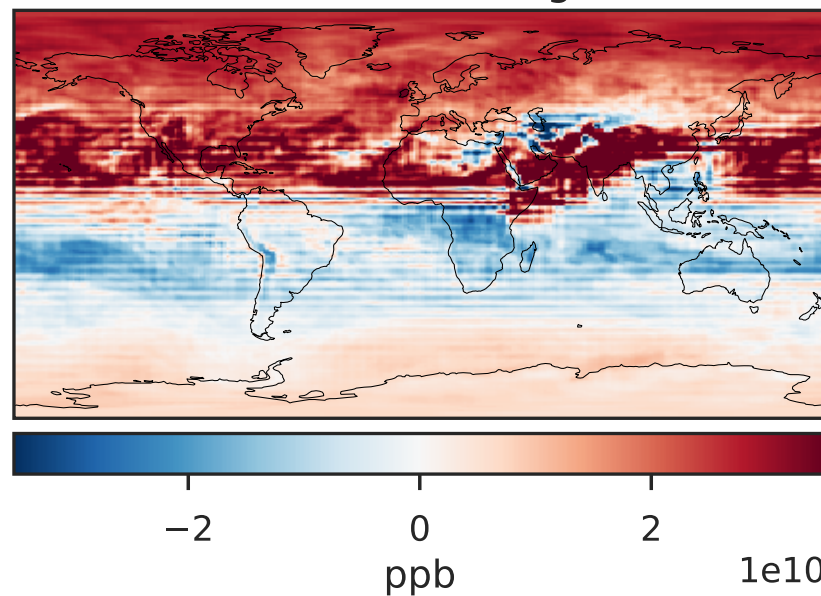
GCHP 14.2.2 using wind (Dev)
c180



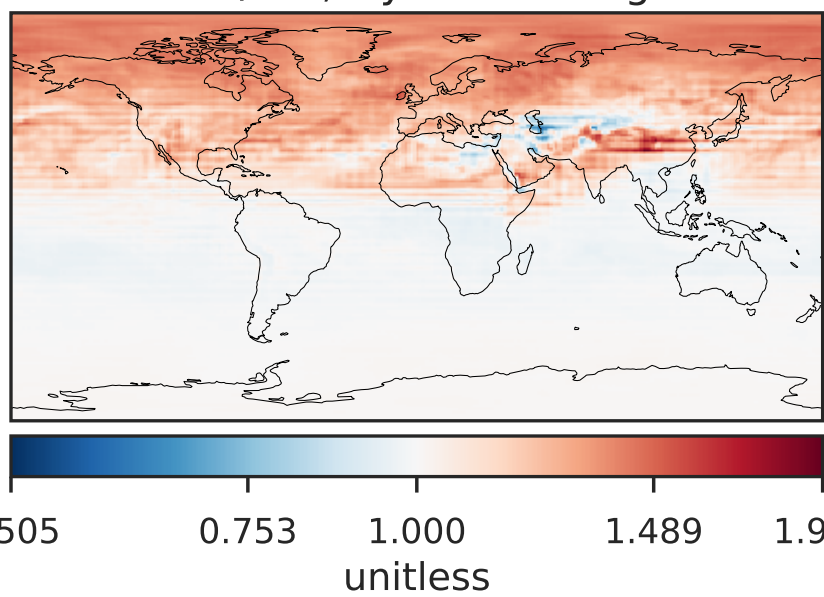
Difference (1x1.25)
Dev - Ref, Dynamic Range



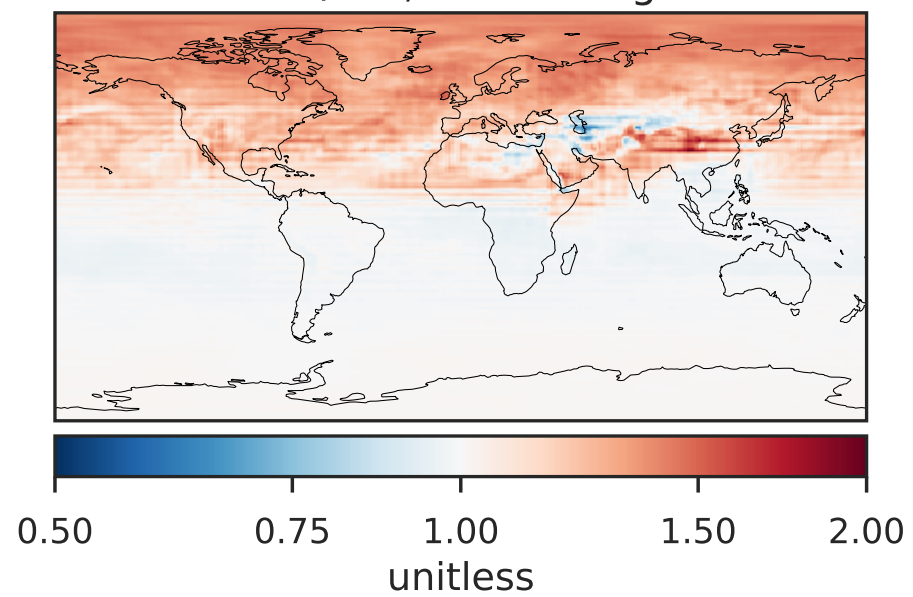
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

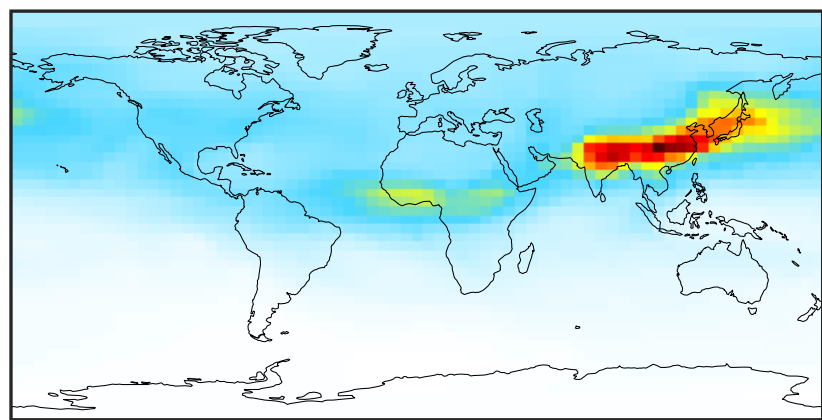


Ratio (1x1.25)
Dev/Ref, Fixed Range



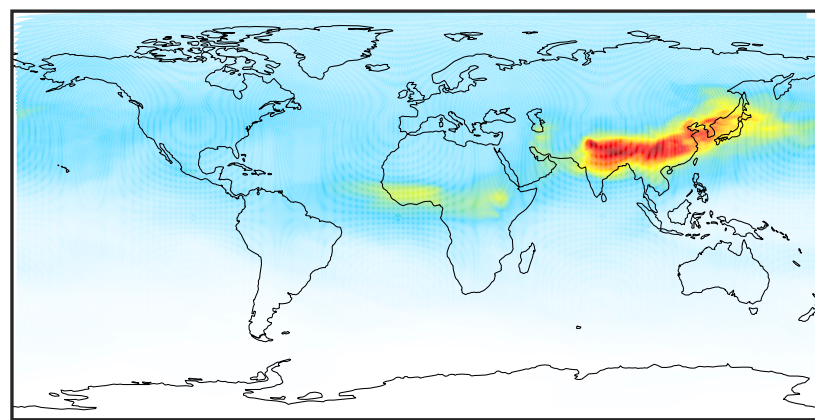
SpeciesConcVV_CO_25 (Jul2019)

GCC 14.2.2 (Ref)
4.0x5.0



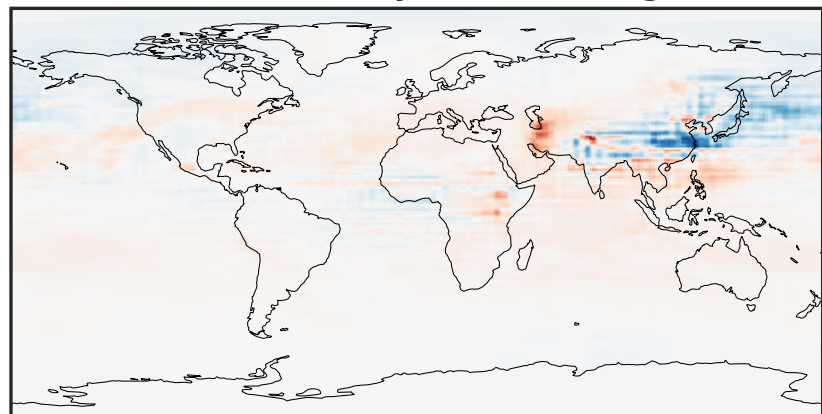
1.00 13.88 26.75 39.63 52.50
ppb

GCHP 14.2.2 using wind (Dev)
c180



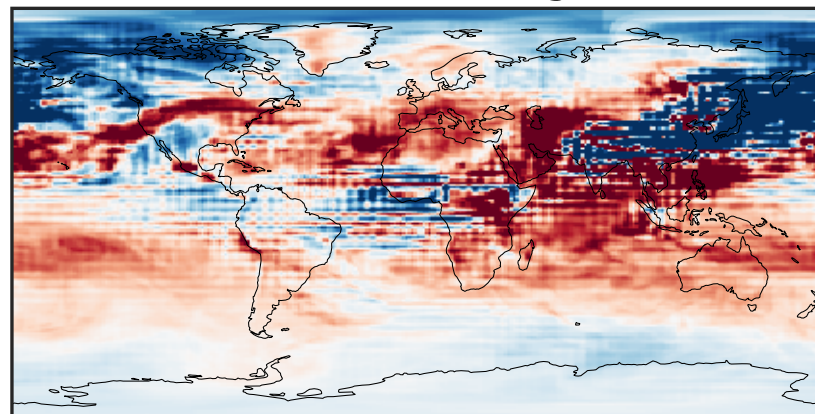
1.00 13.88 26.75 39.63 52.50
ppb

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



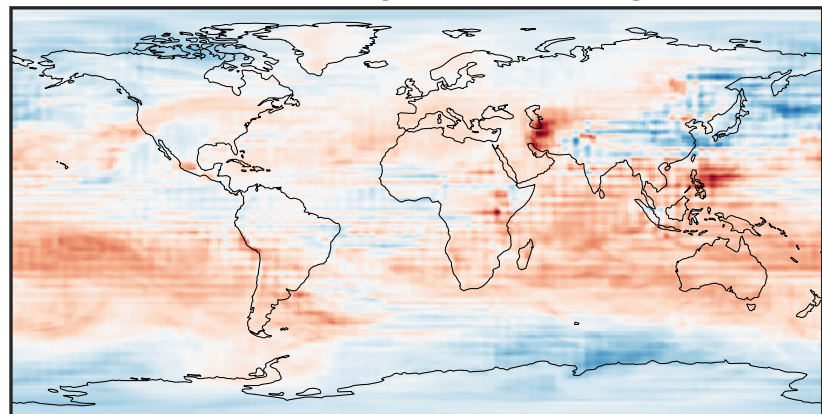
-14.14 -7.07 0.00 7.07 14.14
ppb

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



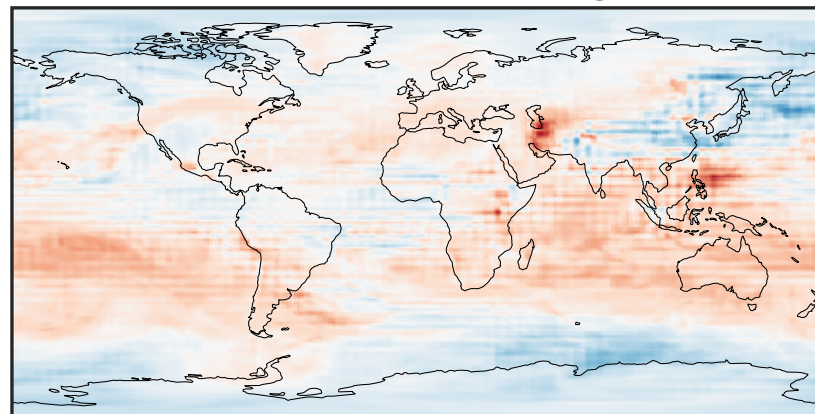
-1.266 -0.633 0.000 0.633 1.266
ppb

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



0.567 0.783 1.000 1.382 1.764
unitless

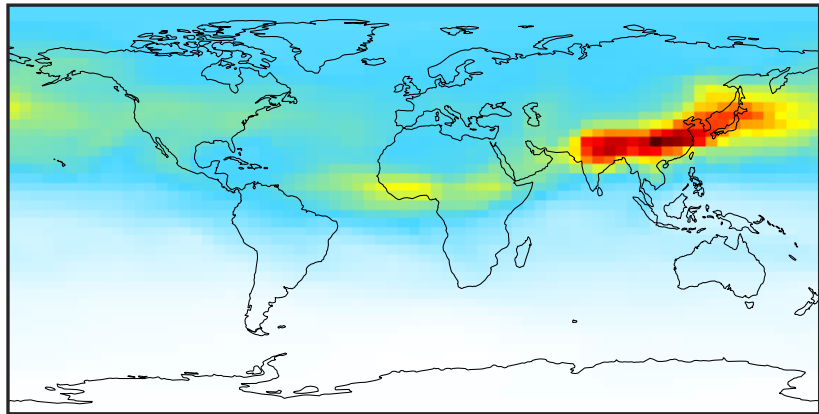
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

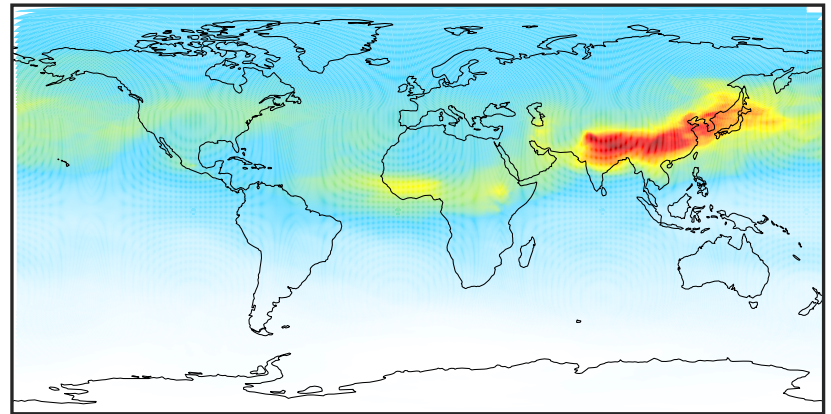
SpeciesConcVV_CO_50 (Jul2019)

GCC 14.2.2 (Ref)
4.0x5.0



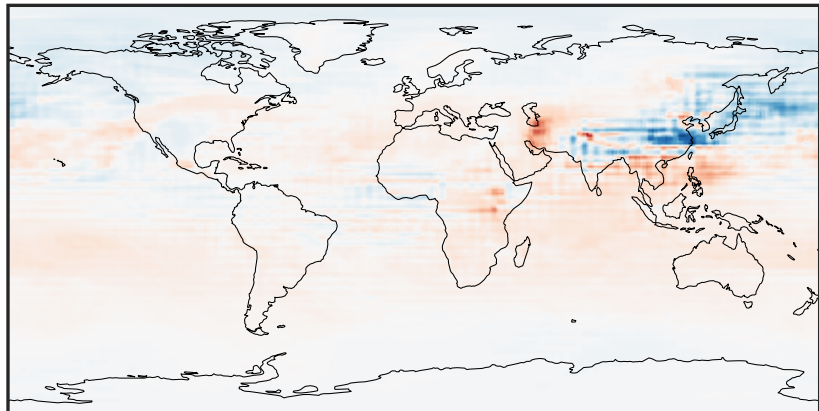
3.57 19.97 36.36 52.76 69.16
ppb

GCHP 14.2.2 using wind (Dev)
c180



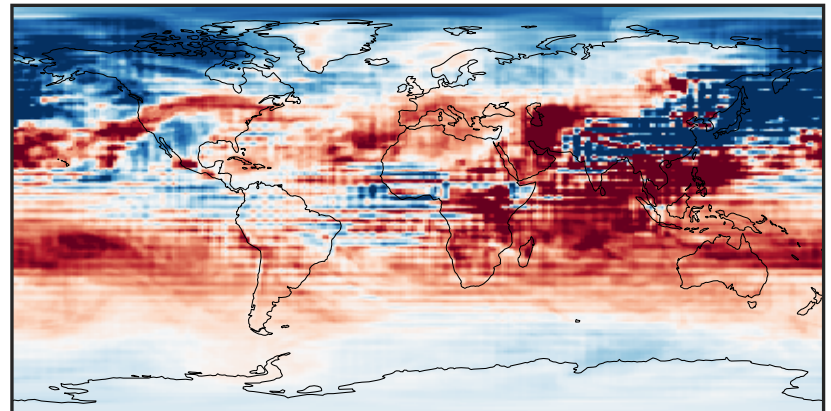
3.57 19.97 36.36 52.76 69.16
ppb

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



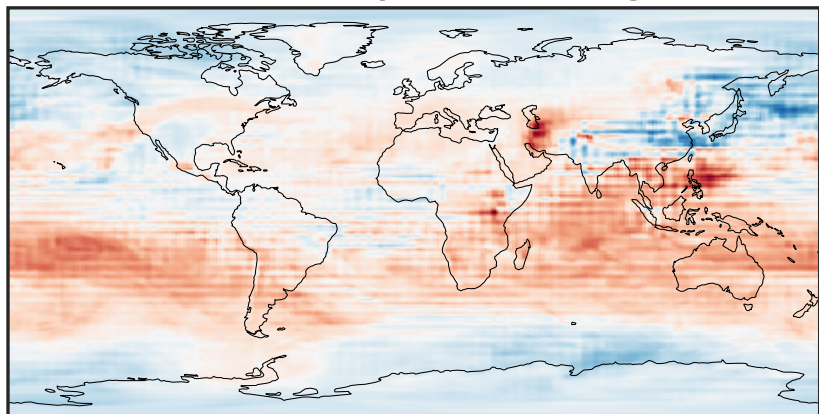
-15.74 -7.87 0.00 7.87 15.74
ppb

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



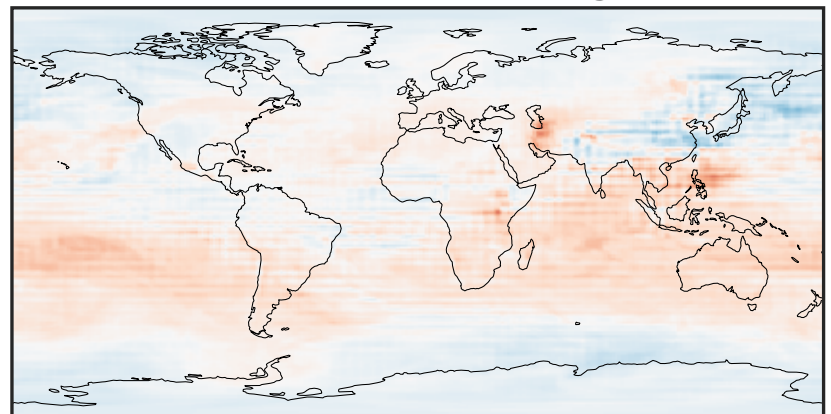
-1.872 -0.936 0.000 0.936 1.872
ppb

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



0.6937 0.8469 1.0000 1.2207 1.4414
unitless

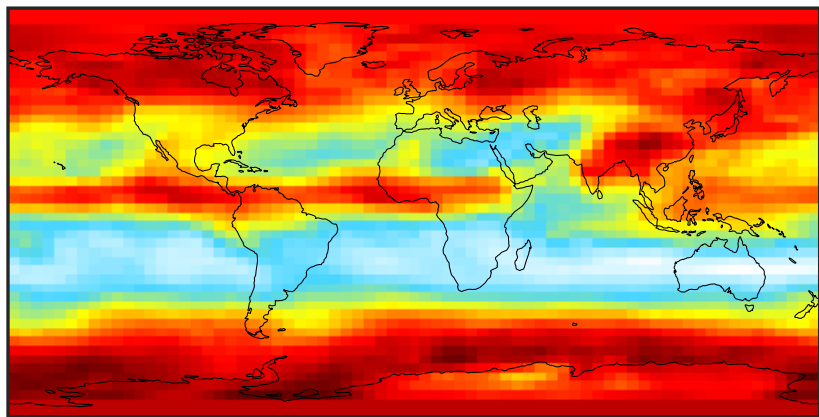
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

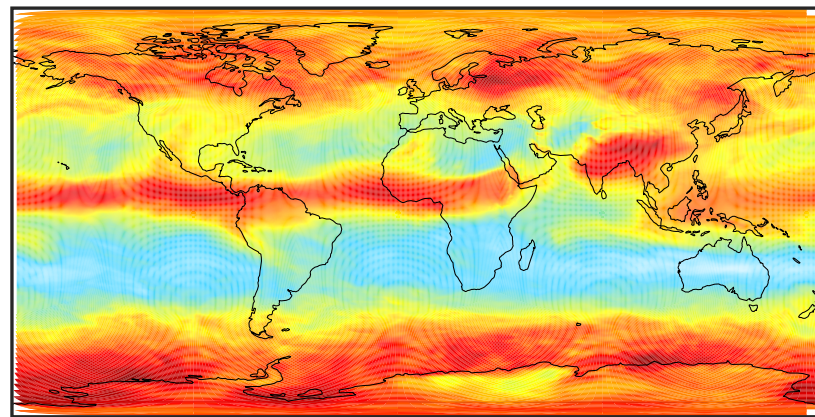
SpeciesConcVV_e90 (Jul2019)

GCC 14.2.2 (Ref)
4.0x5.0



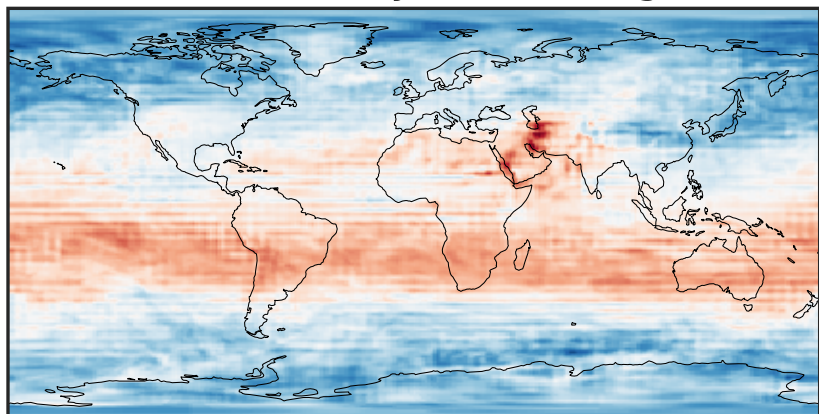
62.35 68.12 73.90 79.67 85.45
ppb

GCHP 14.2.2 using wind (Dev)
c180



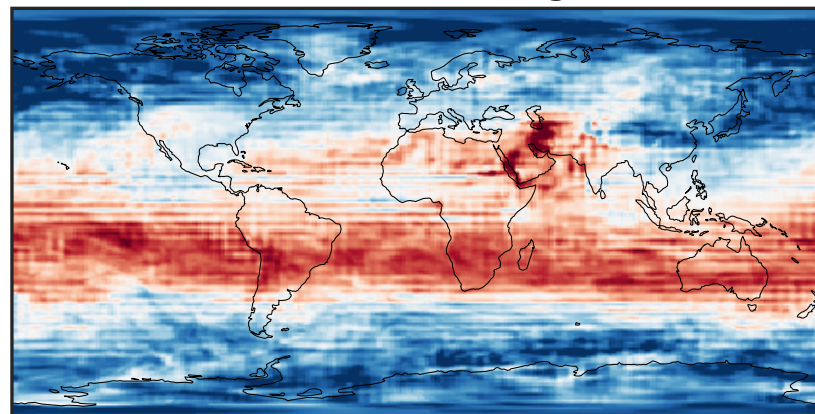
62.35 68.12 73.90 79.67 85.45
ppb

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



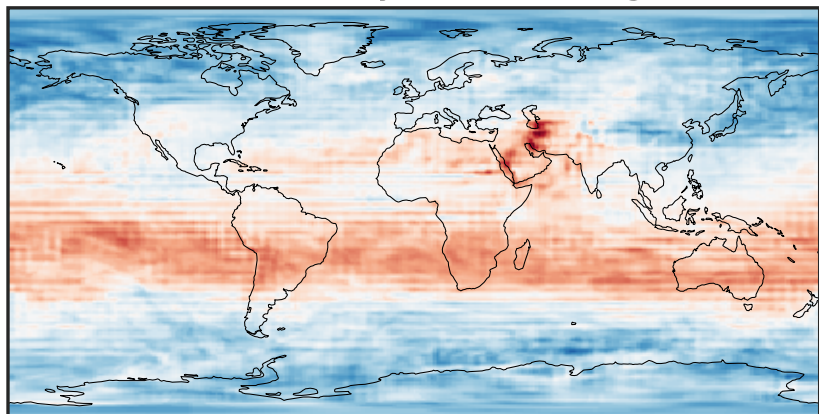
-7.74 -3.87 0.00 3.87 7.74
ppb

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



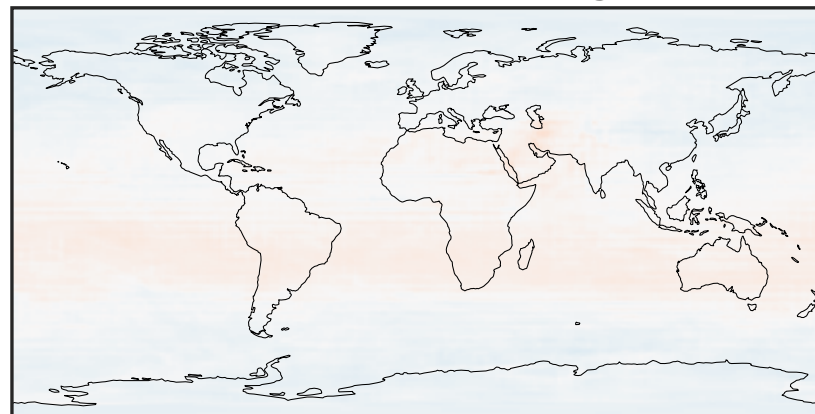
-4.429 -2.214 0.000 2.214 4.429
ppb

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



0.8979 0.9490 1.0000 1.0568 1.1137
unitless

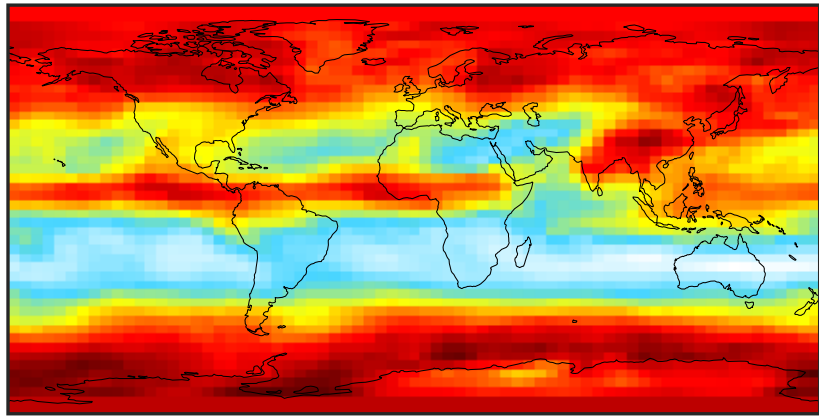
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

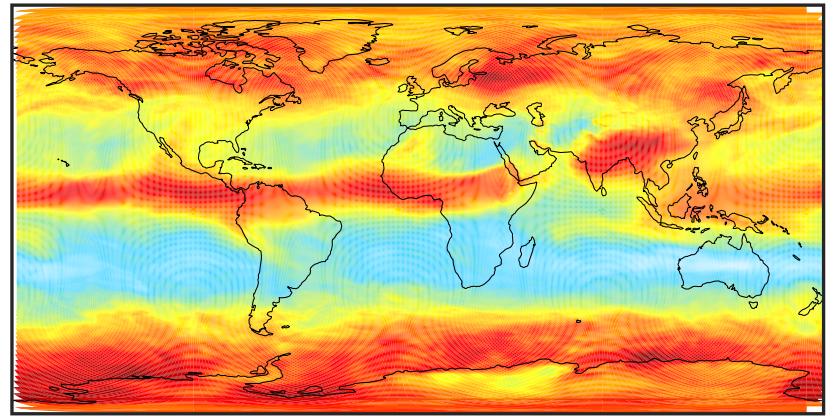
SpeciesConcVV_e90_n (Jul2019)

GCC 14.2.2 (Ref)
4.0x5.0



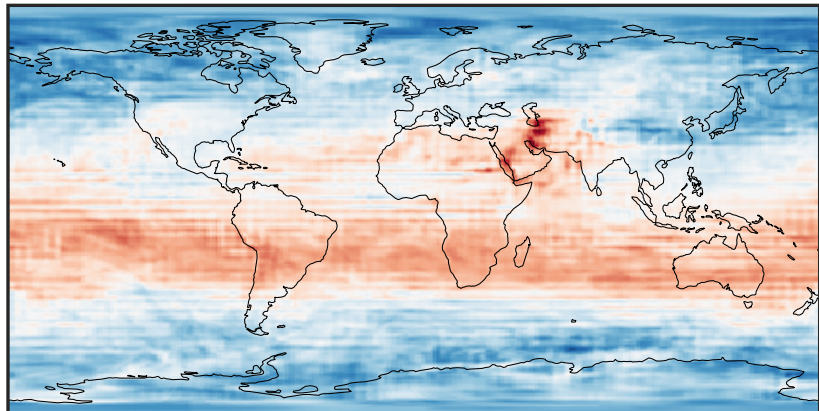
62.35 68.12 73.90 79.67 85.45
ppb

GCHP 14.2.2 using wind (Dev)
c180



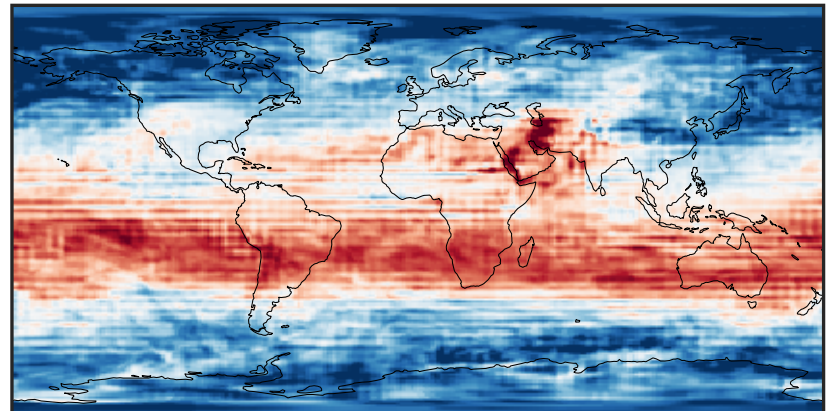
62.35 68.12 73.90 79.67 85.45
ppb

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



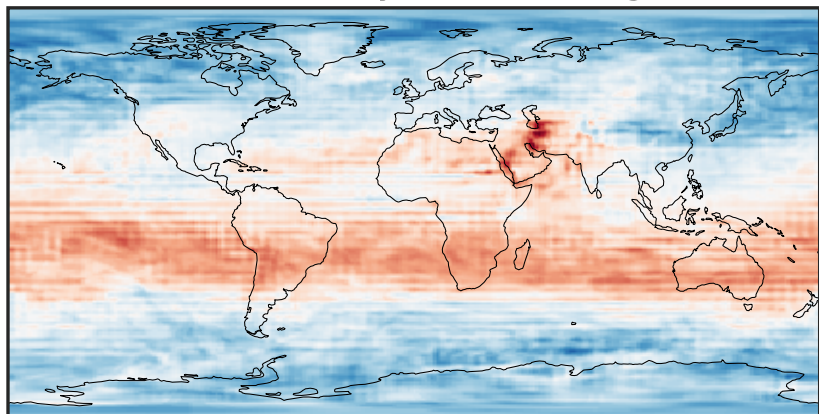
-7.74 -3.87 0.00 3.87 7.74
ppb

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



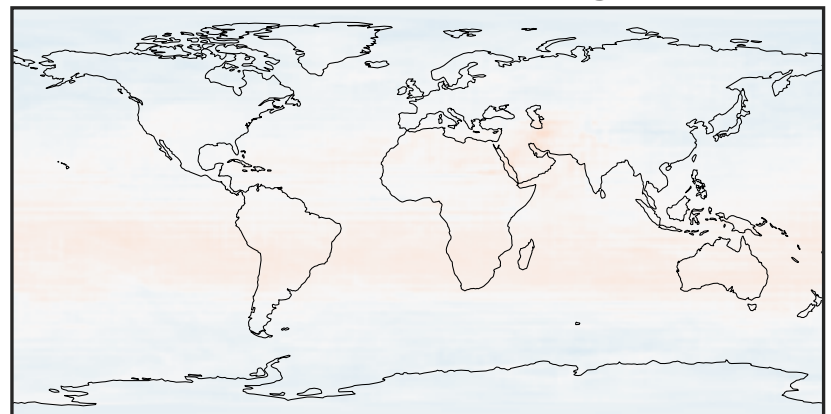
-4.429 -2.214 0.000 2.214 4.429
ppb

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



0.8979 0.9490 1.0000 1.0568 1.1137
unitless

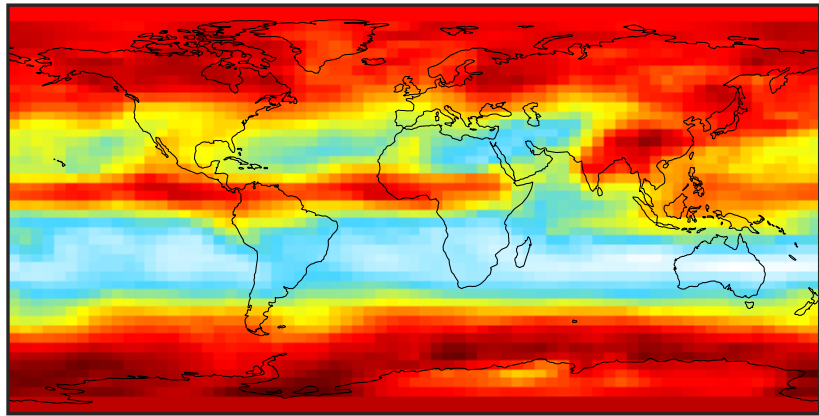
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

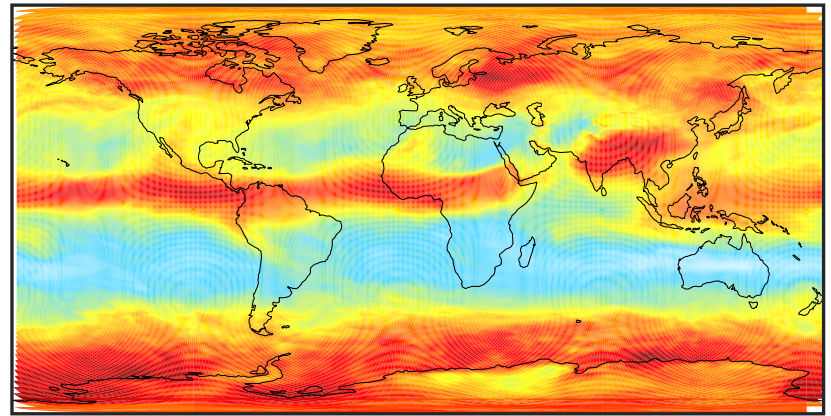
SpeciesConcVV_e90_s (Jul2019)

GCC 14.2.2 (Ref)
4.0x5.0



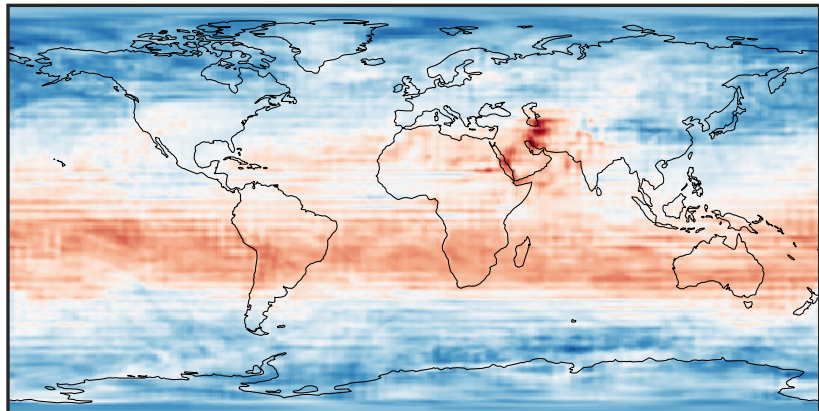
62.35 68.12 73.90 79.67 85.45
ppb

GCHP 14.2.2 using wind (Dev)
c180



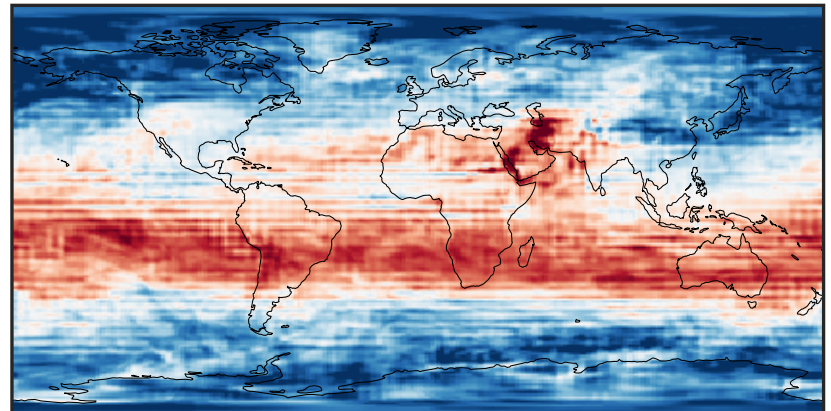
62.35 68.12 73.90 79.67 85.45
ppb

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



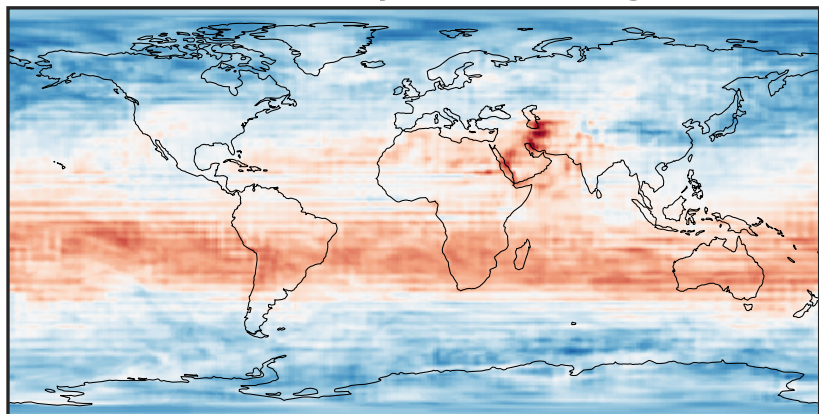
-7.74 -3.87 0.00 3.87 7.74
ppb

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



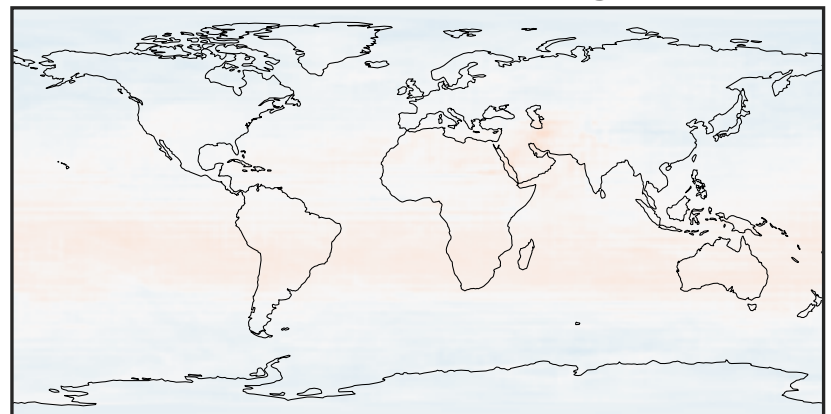
-4.429 -2.214 0.000 2.214 4.429
ppb

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



0.8979 0.9490 1.0000 1.0568 1.1137
unitless

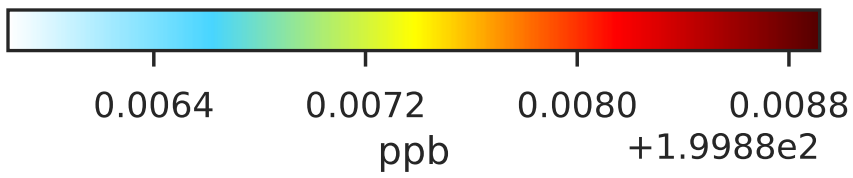
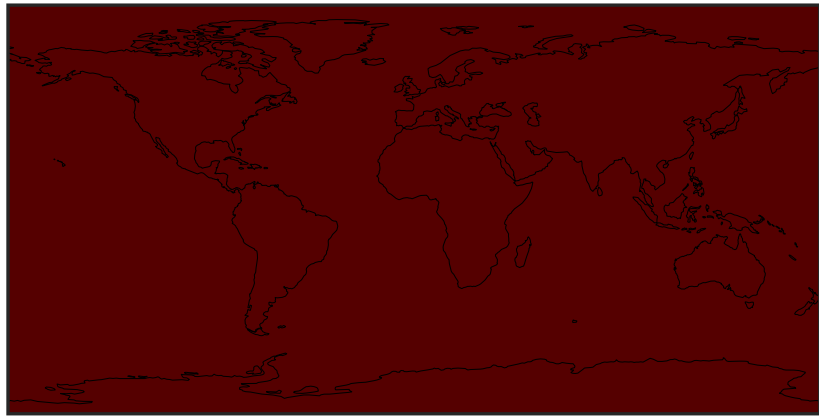
Ratio (1x1.25)
Dev/Ref, Fixed Range



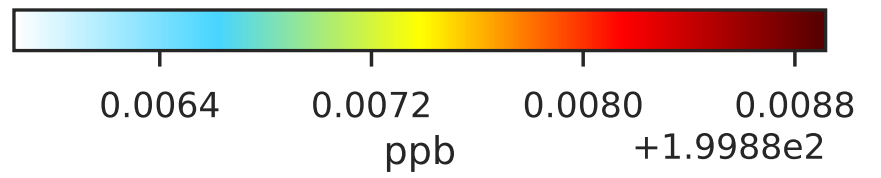
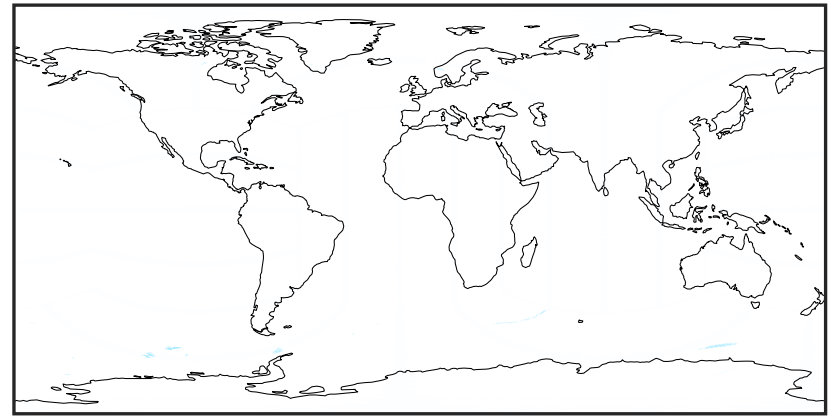
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (Jul2019)

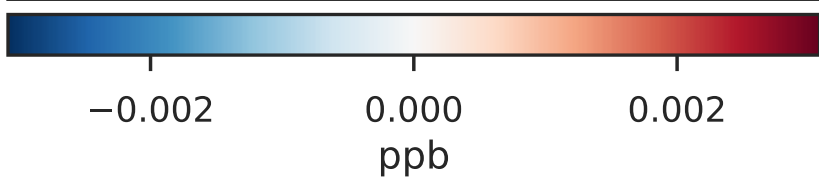
GCC 14.2.2 (Ref)
4.0x5.0



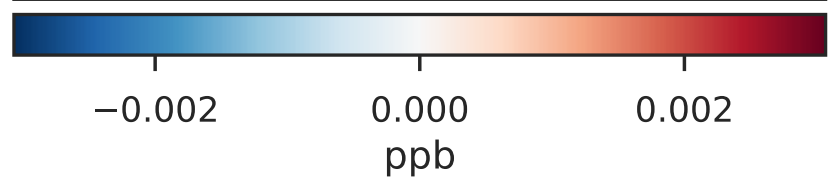
GCHP 14.2.2 using wind (Dev)
c180



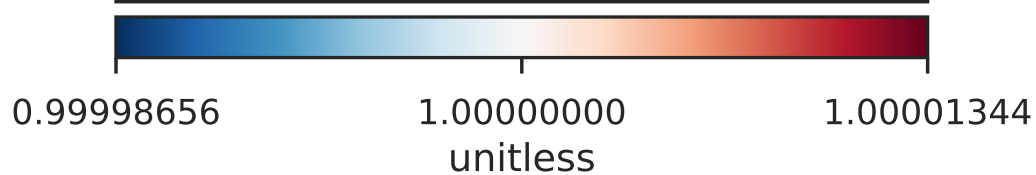
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

