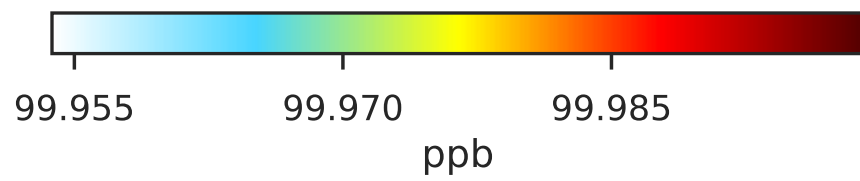
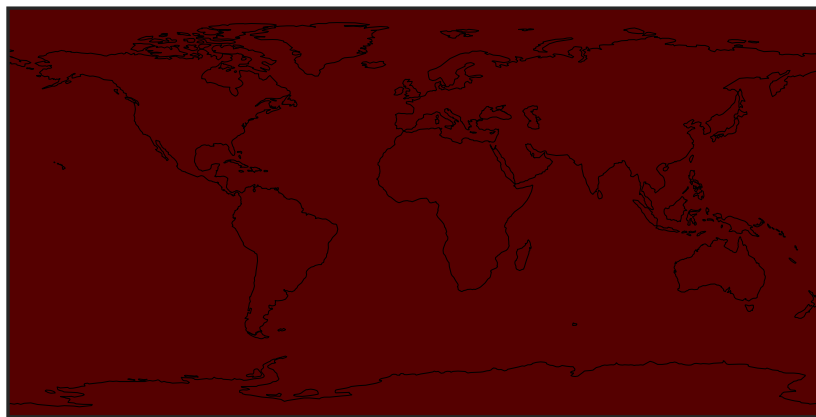
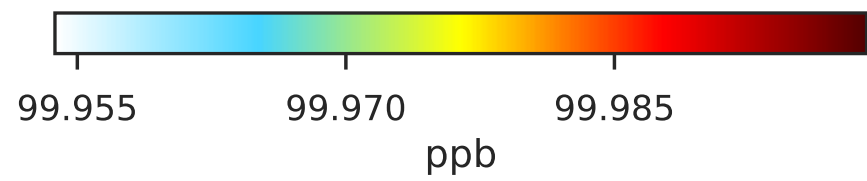
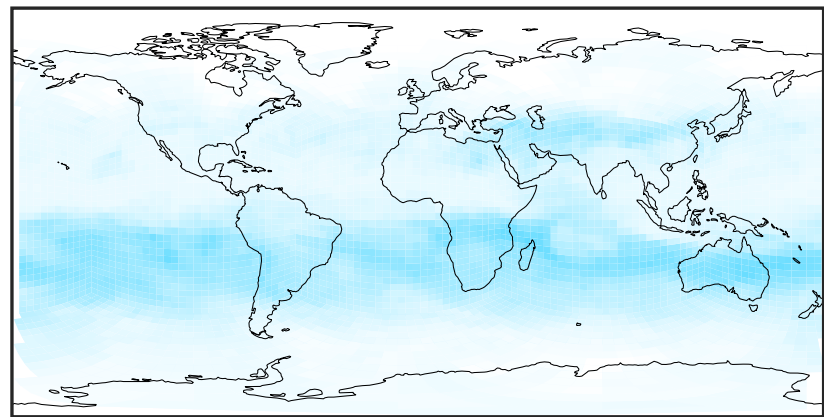


SpeciesConcVV_PassiveTracer (Jul2019)

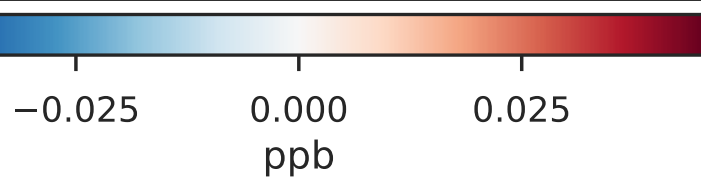
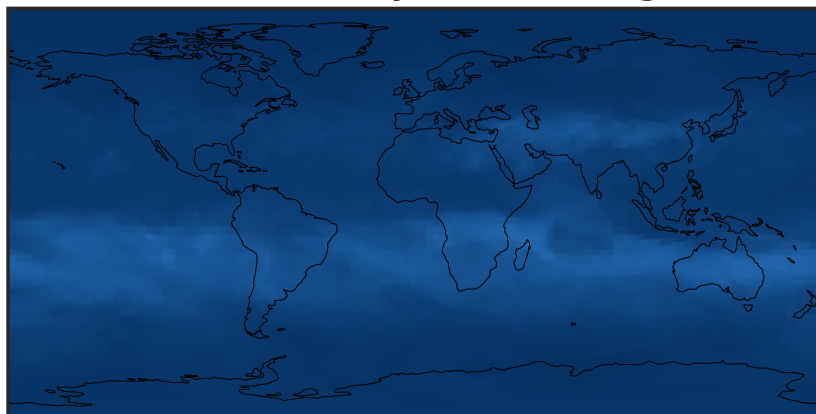
GCC 14.2.2 (Ref)
4.0x5.0



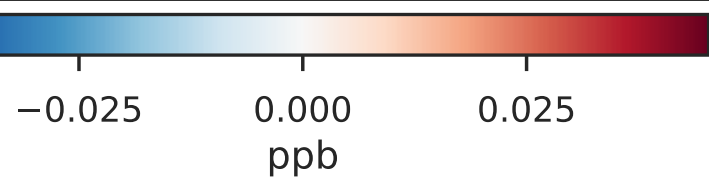
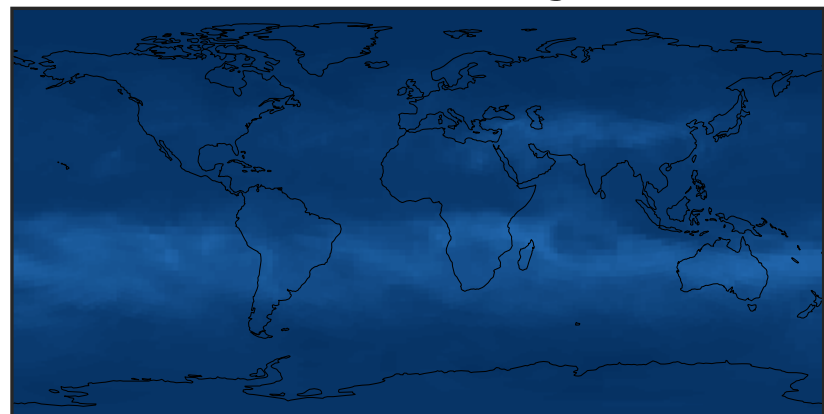
GCHP 14.2.2 using wind (Dev)
c30



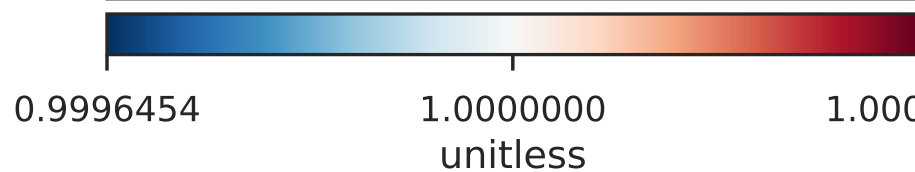
Difference (1x1.25)
Dev - Ref, Dynamic Range



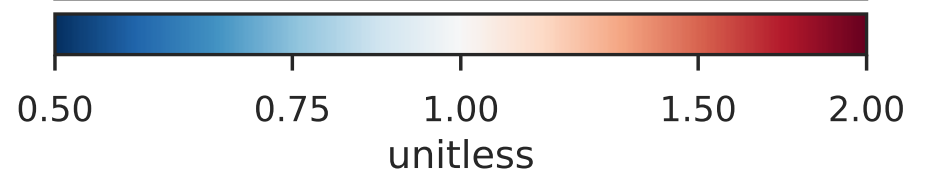
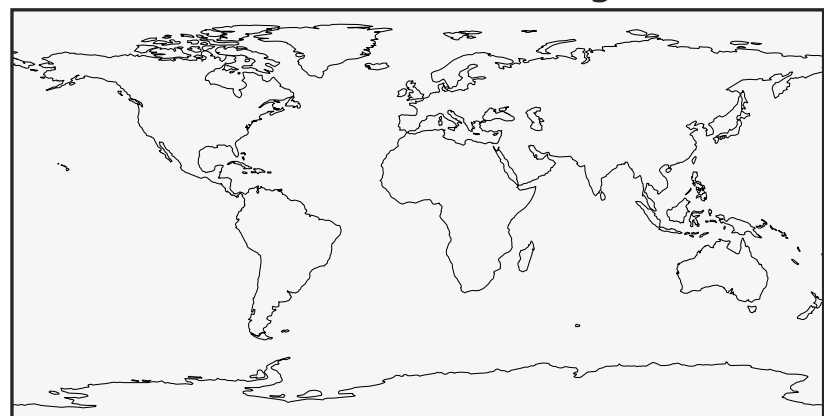
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

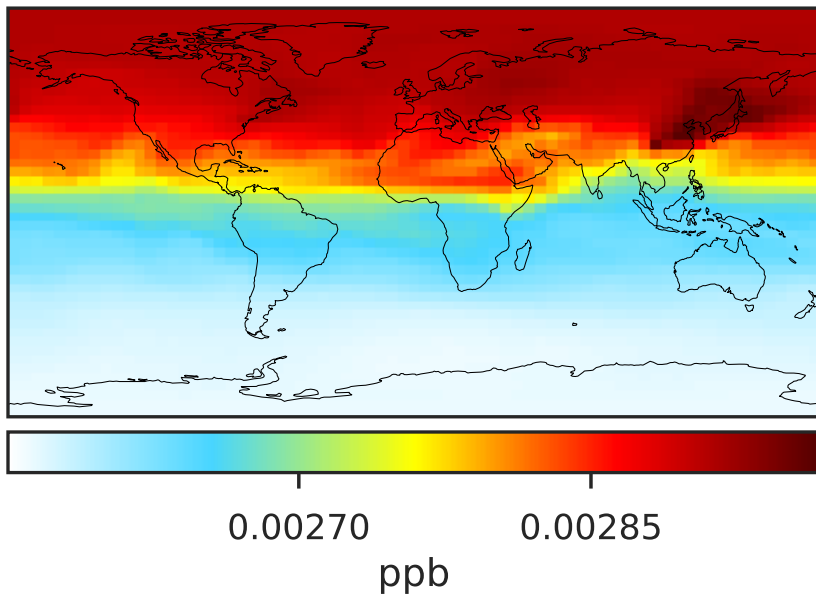


Ratio (1x1.25)
Dev/Ref, Fixed Range

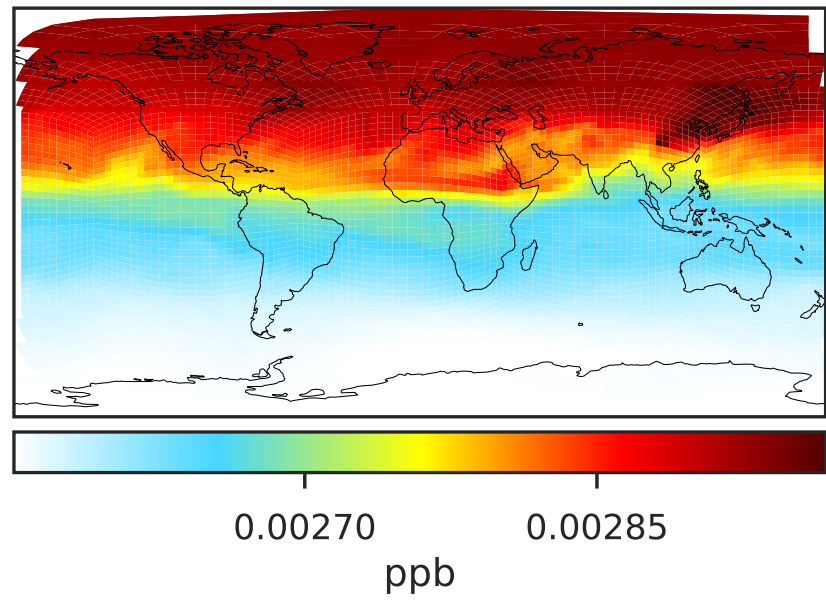


SpeciesConcVV_SF6 (Jul2019)

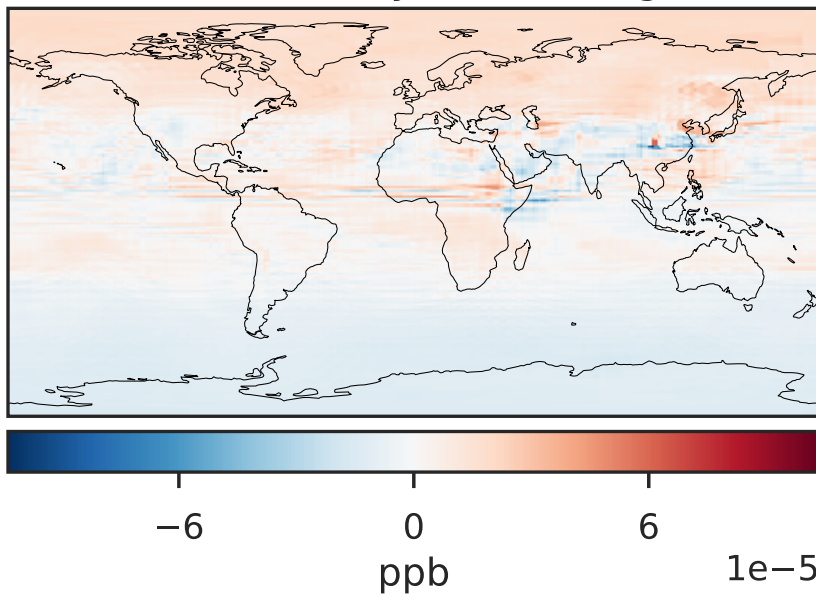
GCC 14.2.2 (Ref)
4.0x5.0



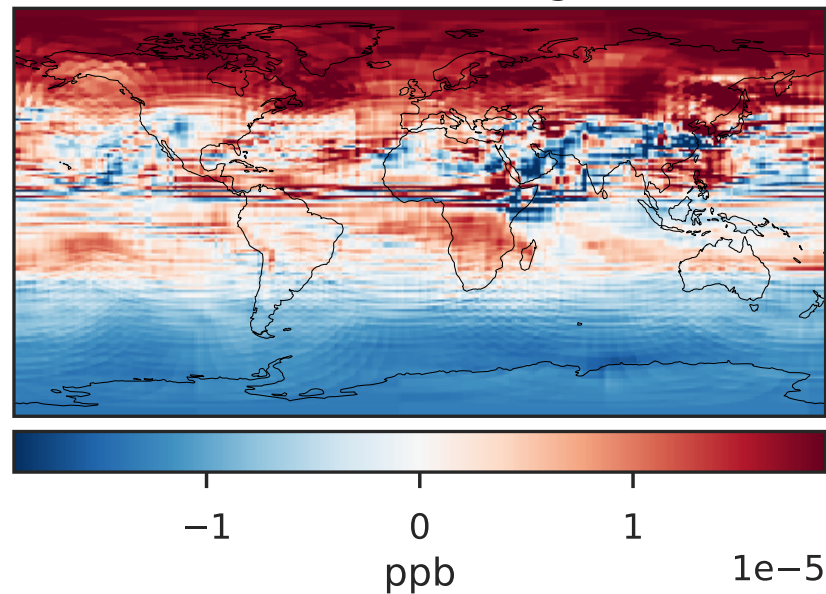
GCHP 14.2.2 using wind (Dev)
c30



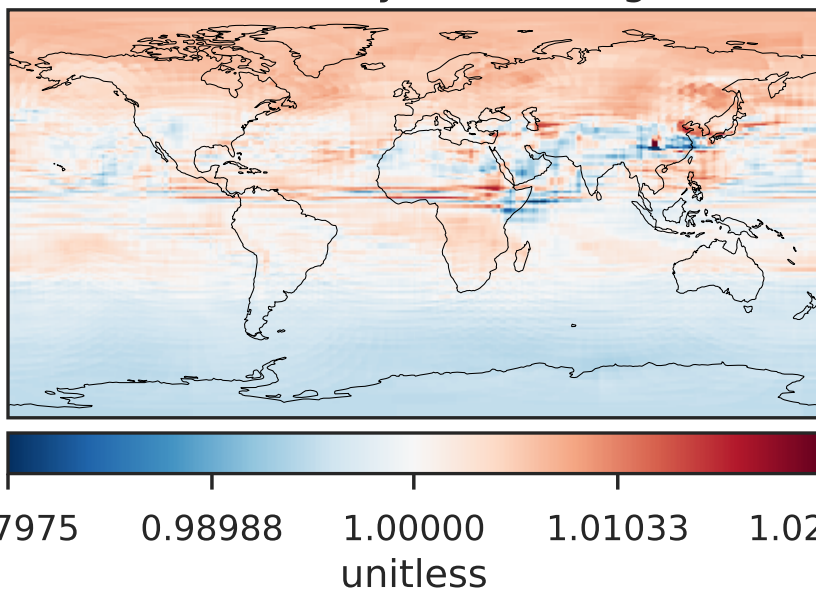
Difference (1x1.25)
Dev - Ref, Dynamic Range



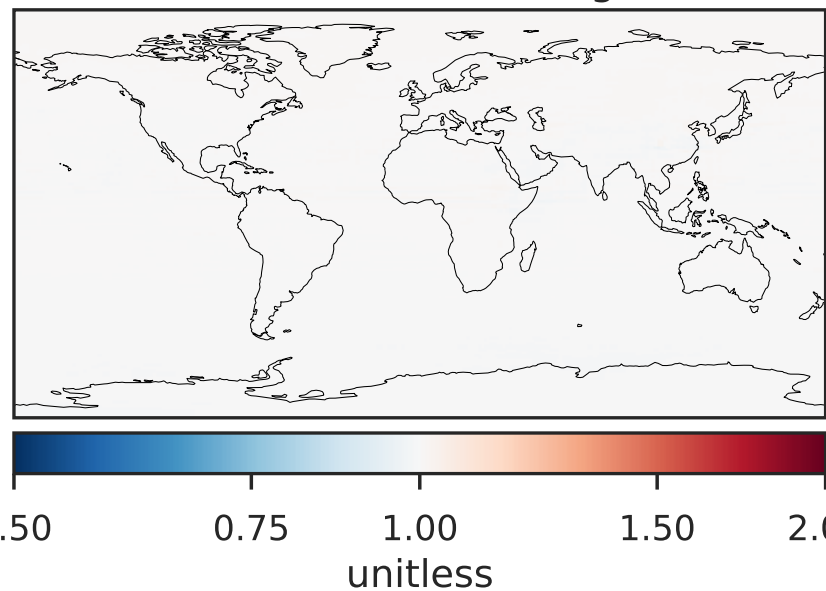
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

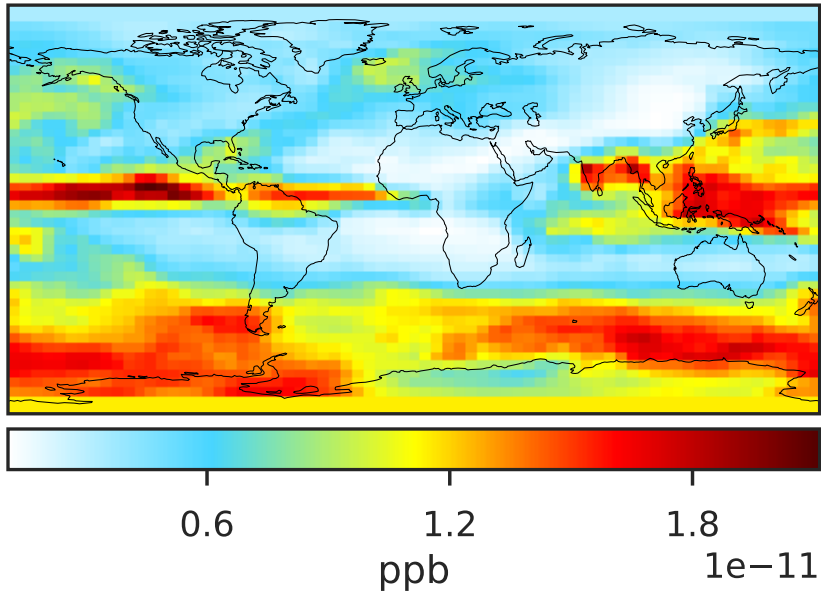


Ratio (1x1.25)
Dev/Ref, Fixed Range

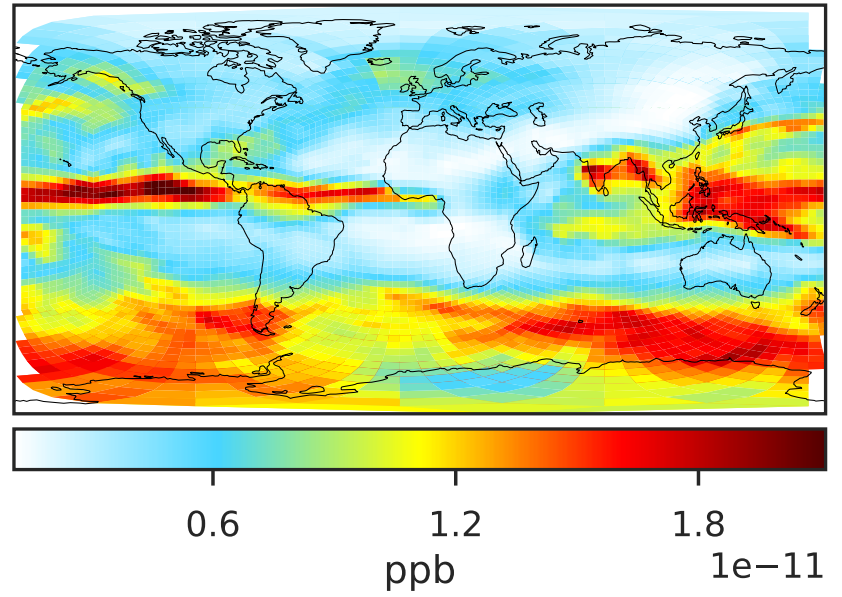


SpeciesConcVV_CH3I (Jul2019)

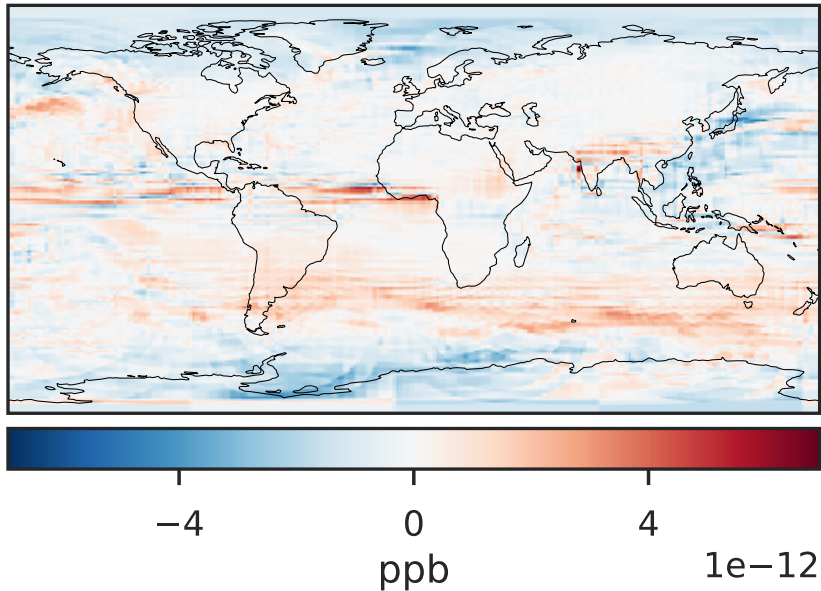
GCC 14.2.2 (Ref)
4.0x5.0



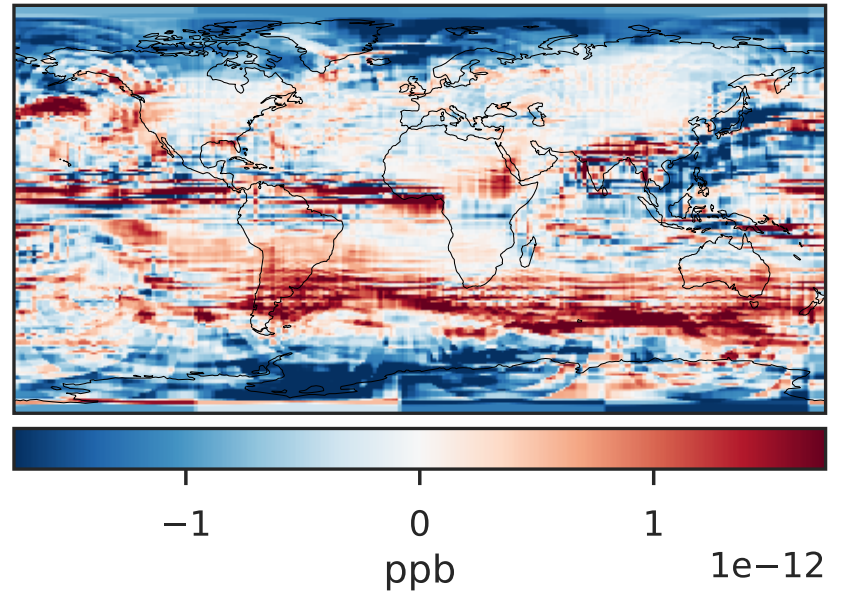
GCHP 14.2.2 using wind (Dev)
c30



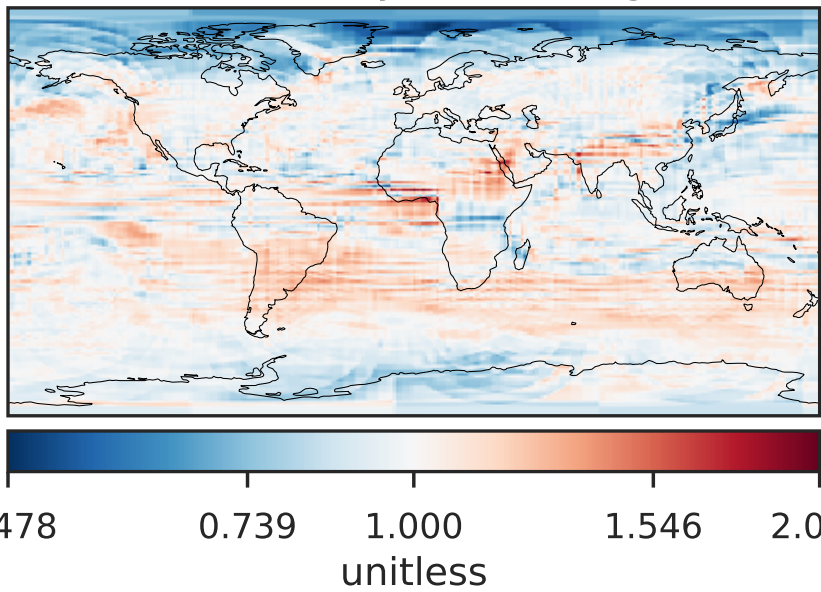
Difference (1x1.25)
Dev - Ref, Dynamic Range



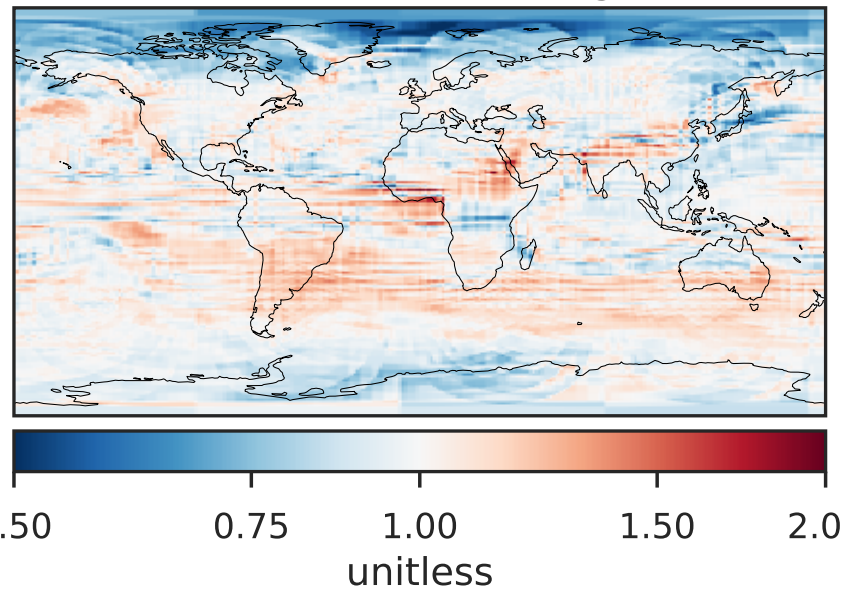
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

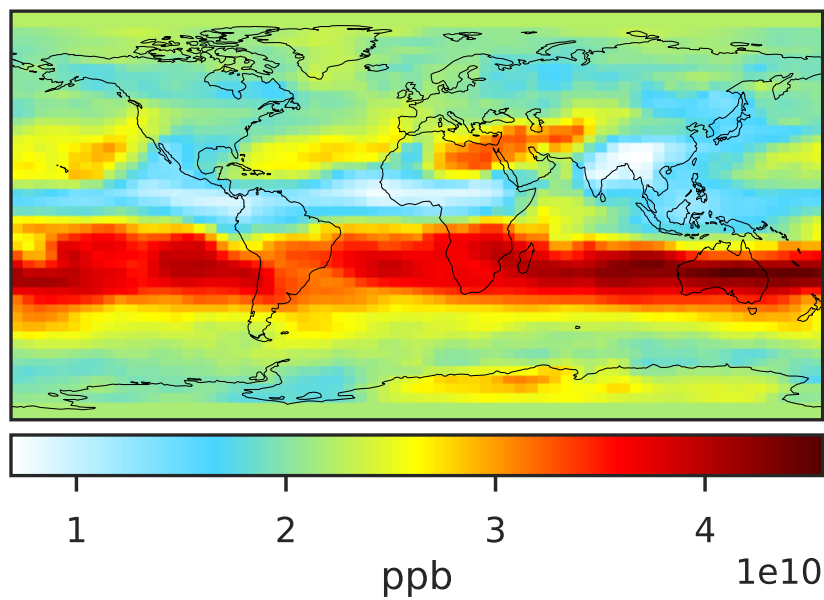


Ratio (1x1.25)
Dev/Ref, Fixed Range

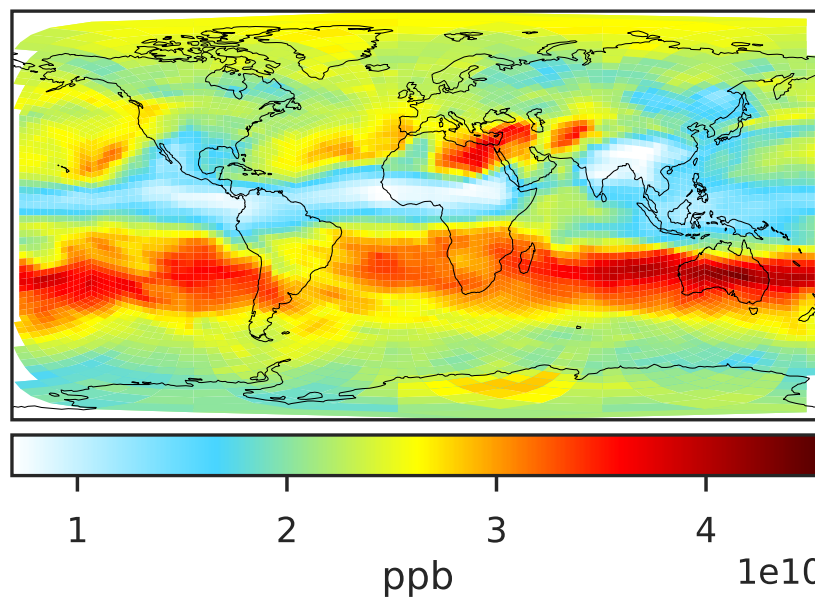


SpeciesConcVV_aoa (Jul2019)

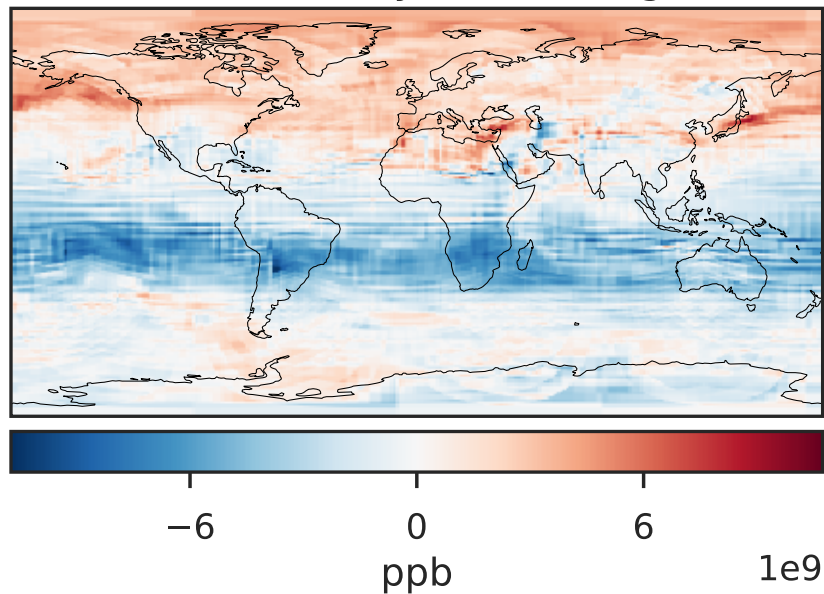
GCC 14.2.2 (Ref)
4.0x5.0



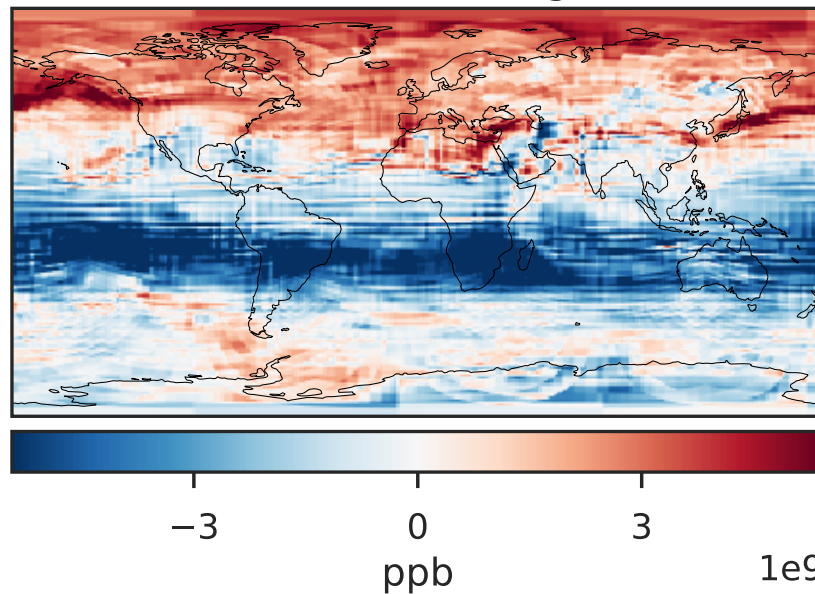
GCHP 14.2.2 using wind (Dev)
c30



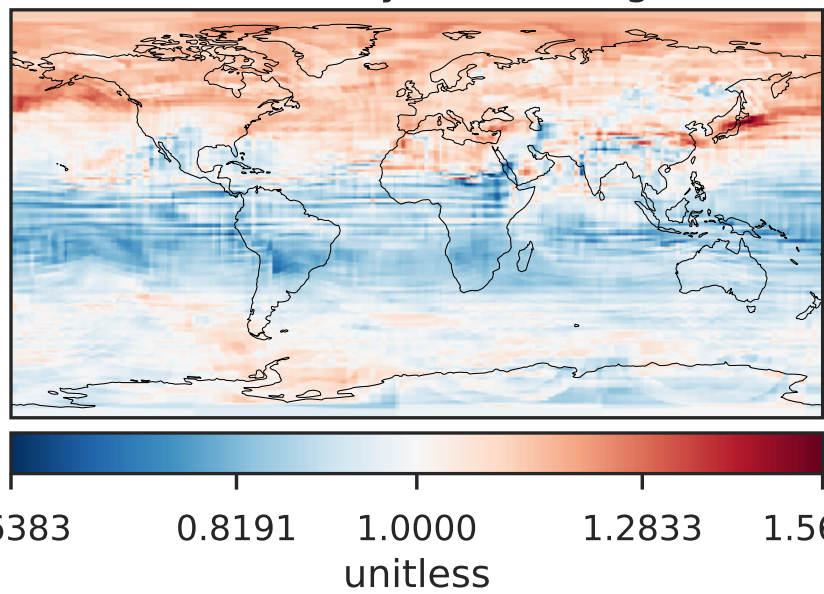
Difference (1x1.25)
Dev - Ref, Dynamic Range



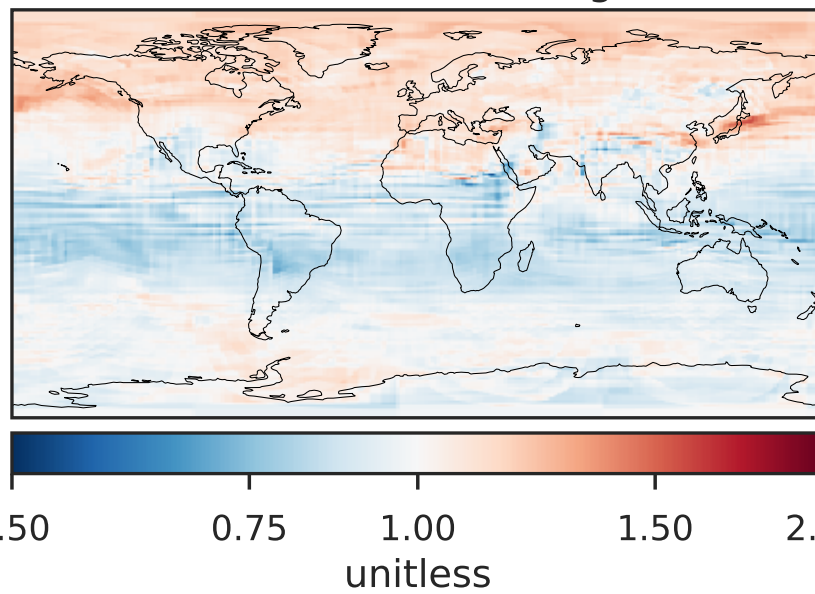
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

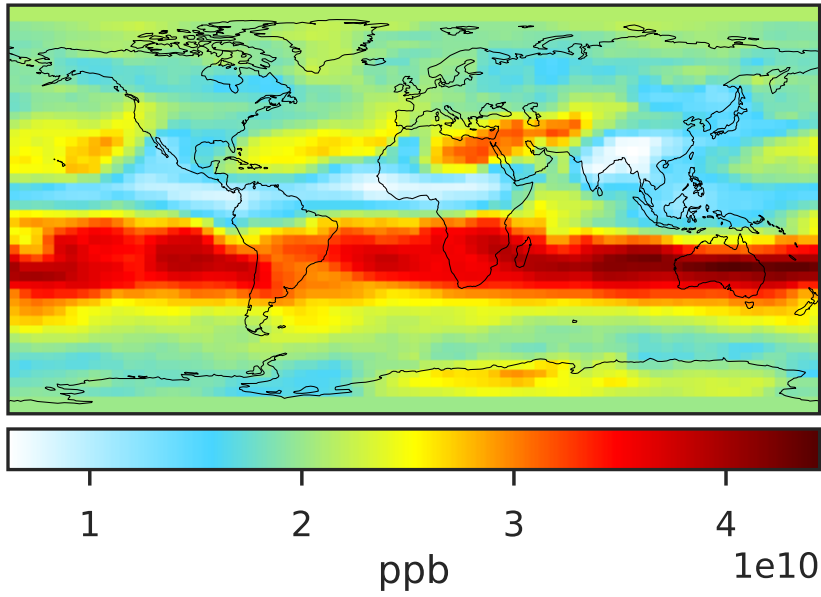


Ratio (1x1.25)
Dev/Ref, Fixed Range

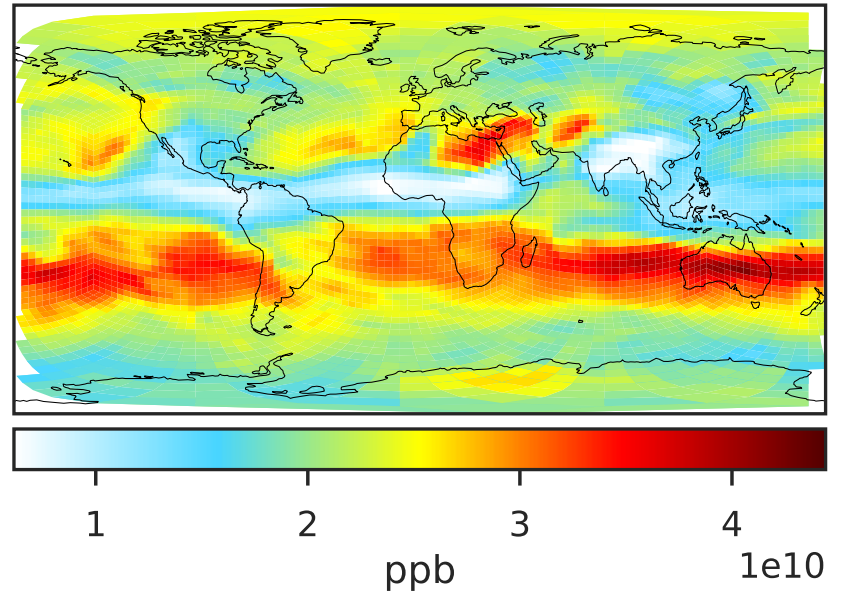


SpeciesConcVV_aoa_bl (Jul2019)

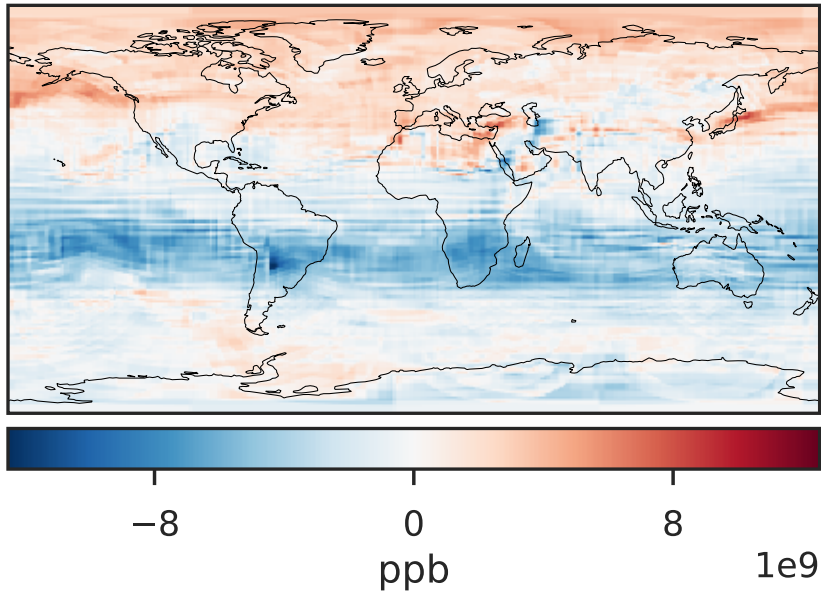
GCC 14.2.2 (Ref)
4.0x5.0



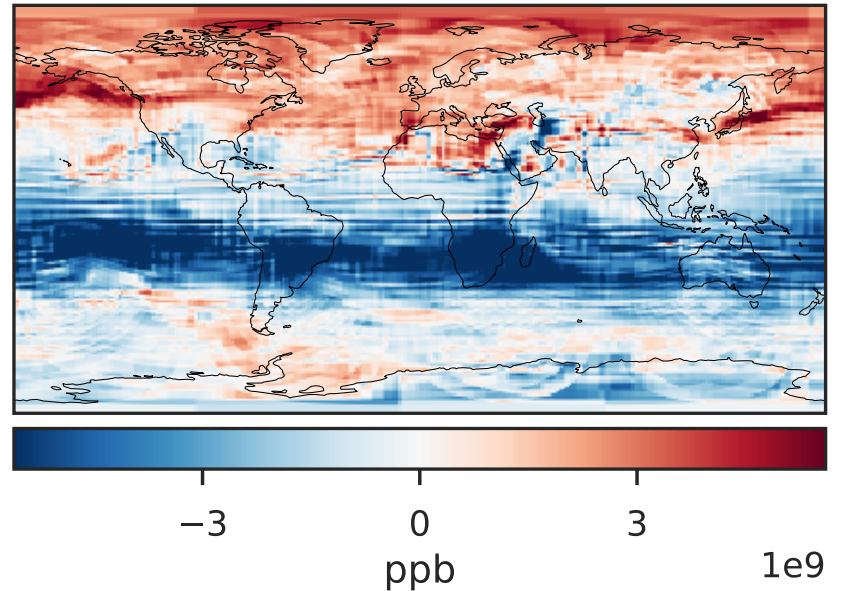
GCHP 14.2.2 using wind (Dev)
c30



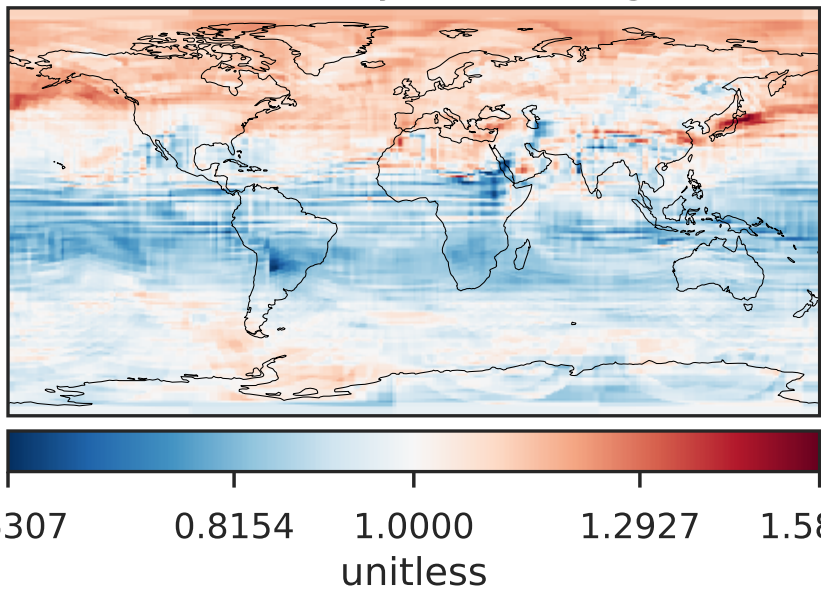
Difference (1x1.25)
Dev - Ref, Dynamic Range



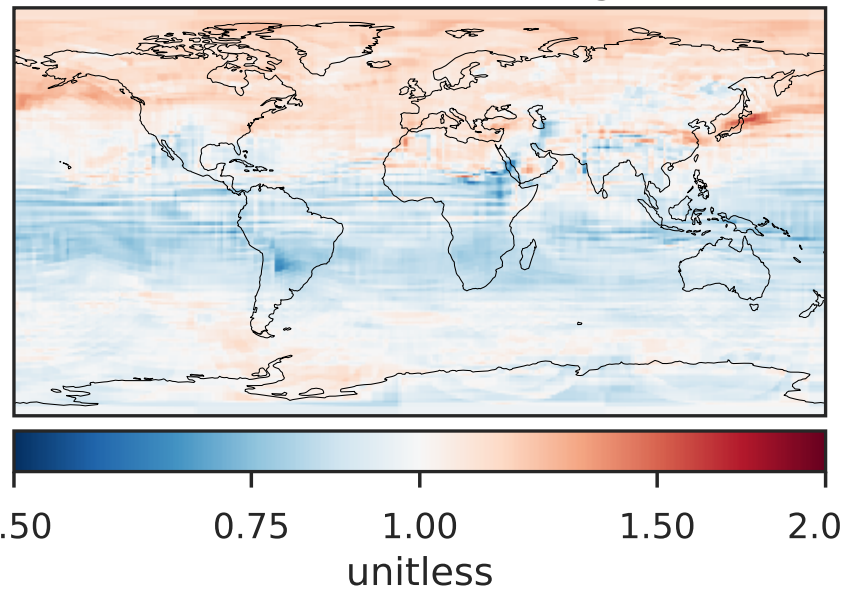
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

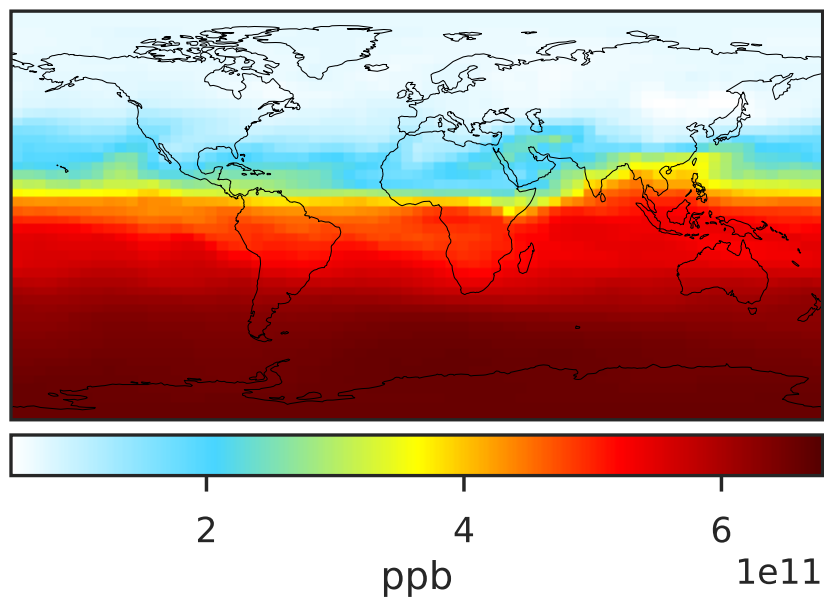


Ratio (1x1.25)
Dev/Ref, Fixed Range

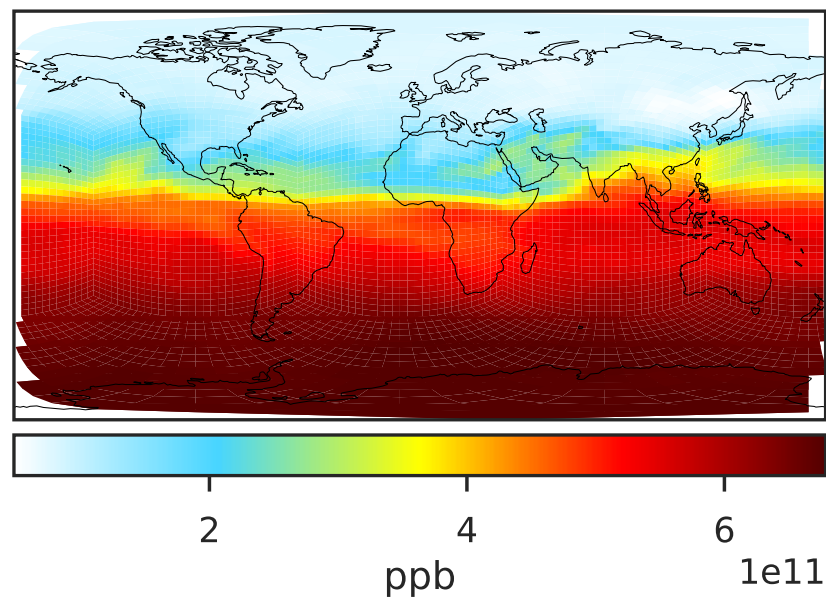


SpeciesConcVV_aoa_nh (Jul2019)

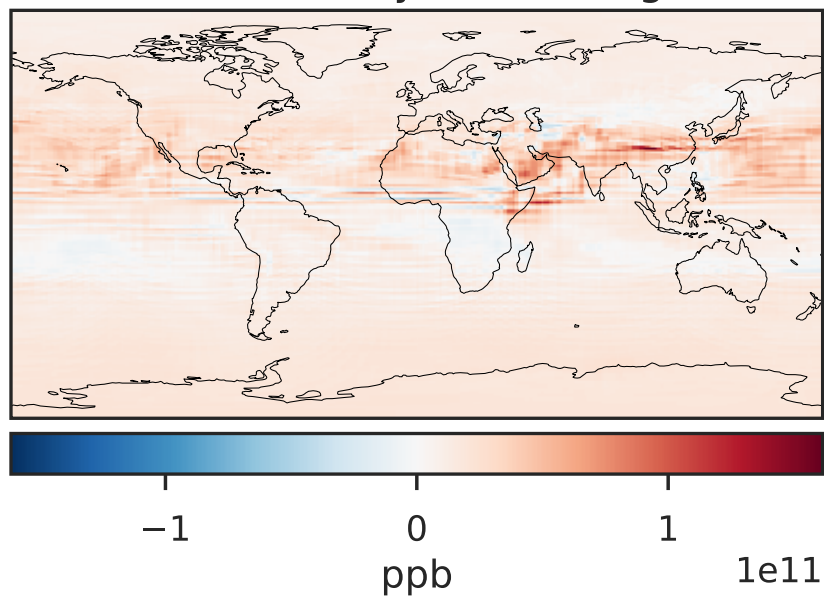
GCC 14.2.2 (Ref)
4.0x5.0



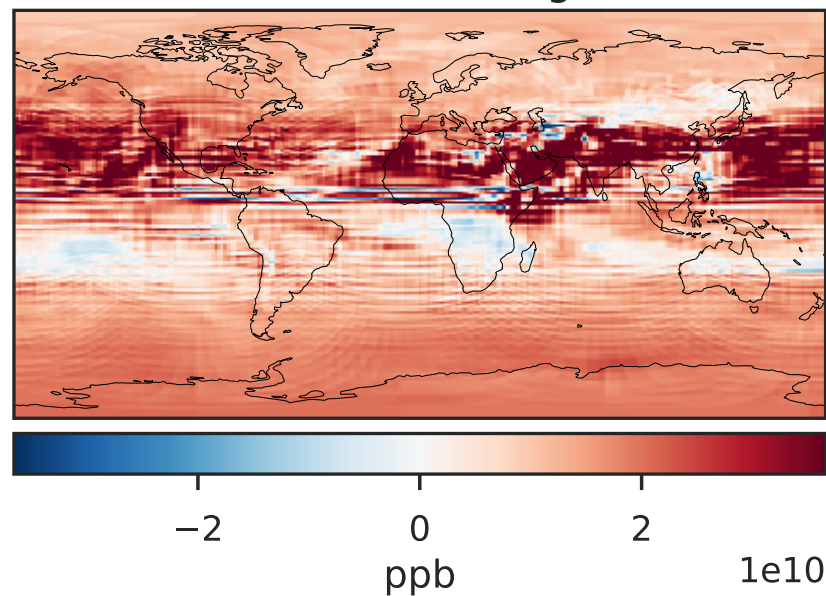
GCHP 14.2.2 using wind (Dev)
c30



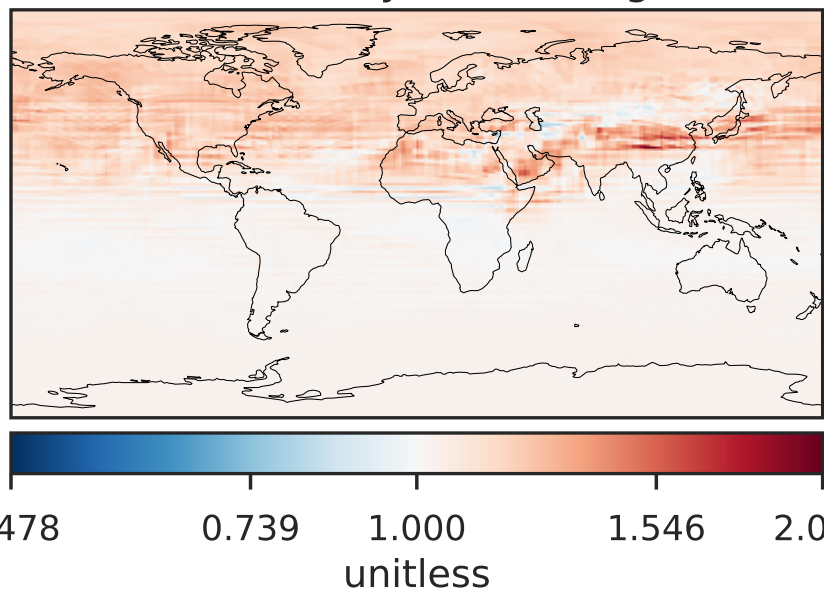
Difference (1x1.25)
Dev - Ref, Dynamic Range



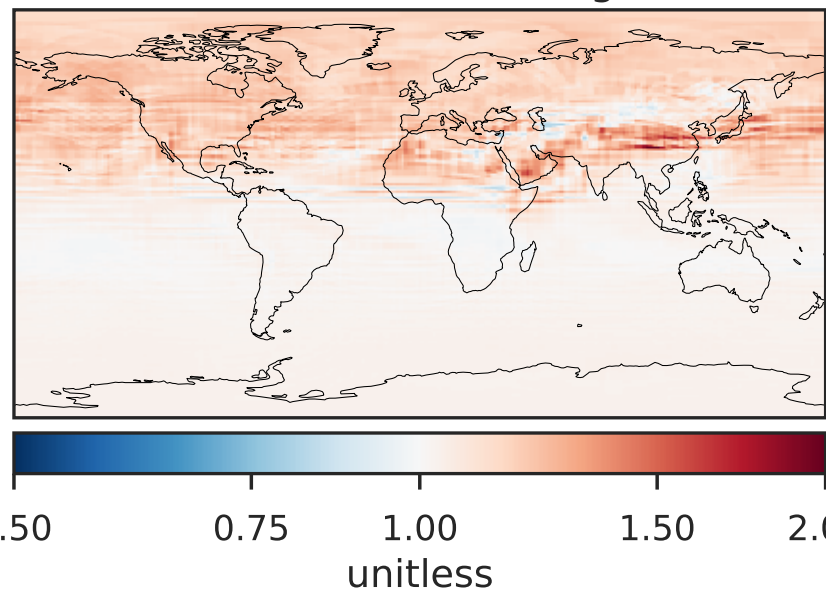
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

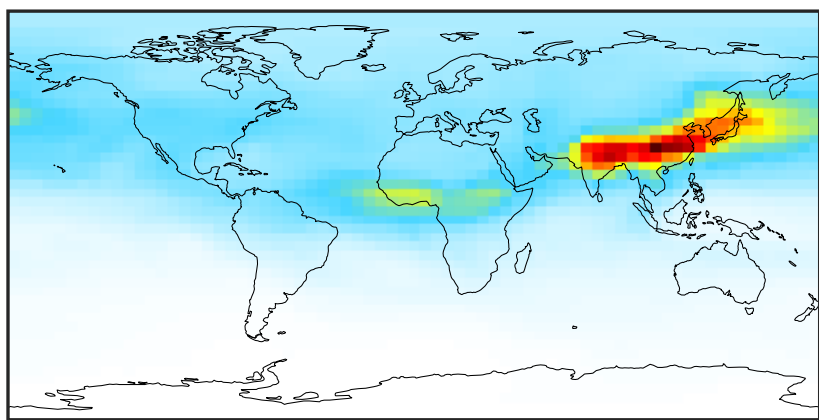


Ratio (1x1.25)
Dev/Ref, Fixed Range



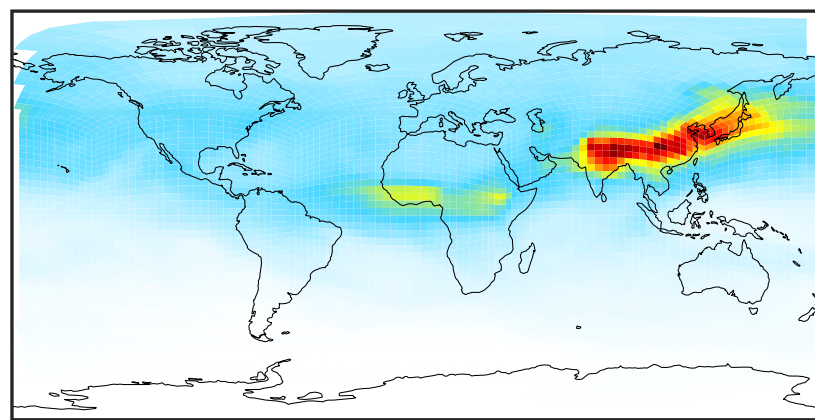
SpeciesConcVV_CO_25 (Jul2019)

GCC 14.2.2 (Ref)
4.0x5.0



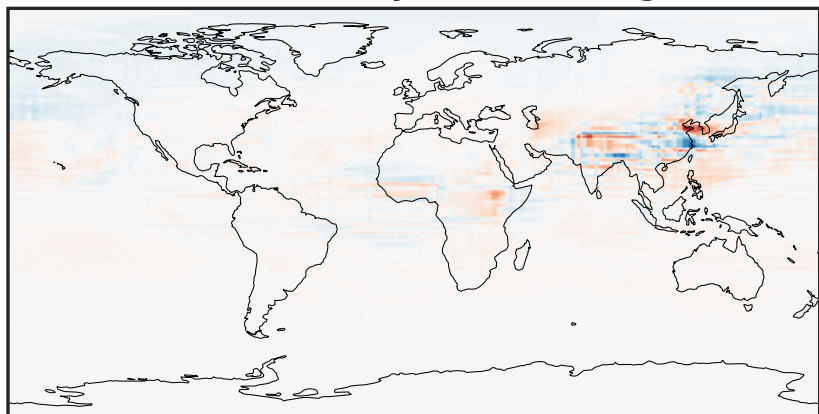
1.10 13.95 26.80 39.65 52.50
ppb

GCHP 14.2.2 using wind (Dev)
c30



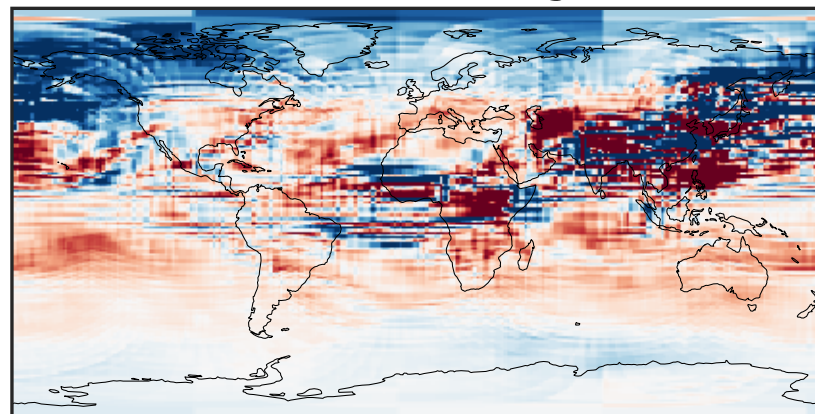
1.10 13.95 26.80 39.65 52.50
ppb

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



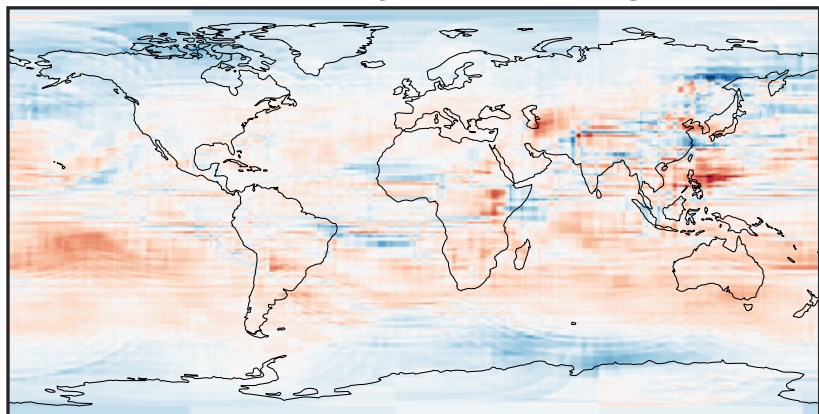
-15.27 -7.64 0.00 7.64 15.27
ppb

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



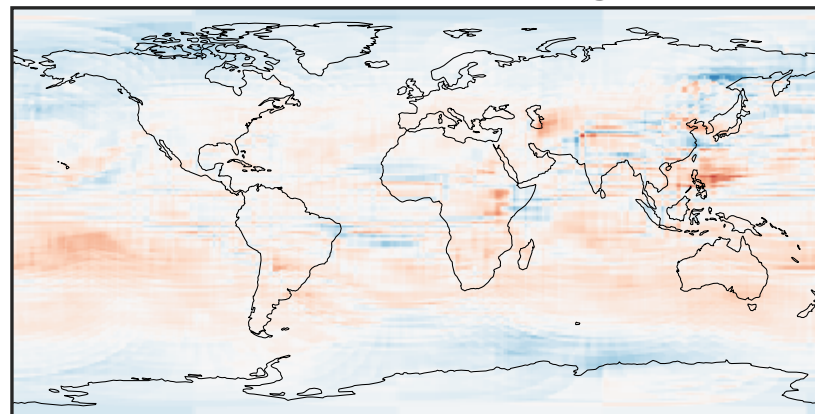
-1.062 -0.531 0.000 0.531 1.062
ppb

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



0.616 0.808 1.000 1.312 1.623
unitless

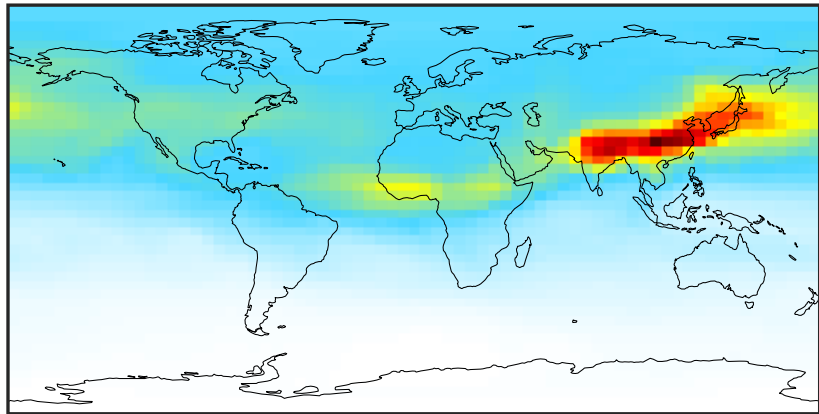
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

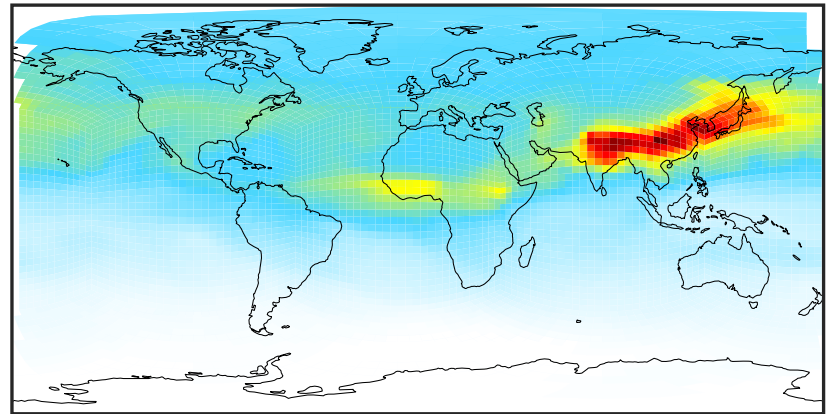
SpeciesConcVV_CO_50 (Jul2019)

GCC 14.2.2 (Ref)
4.0x5.0



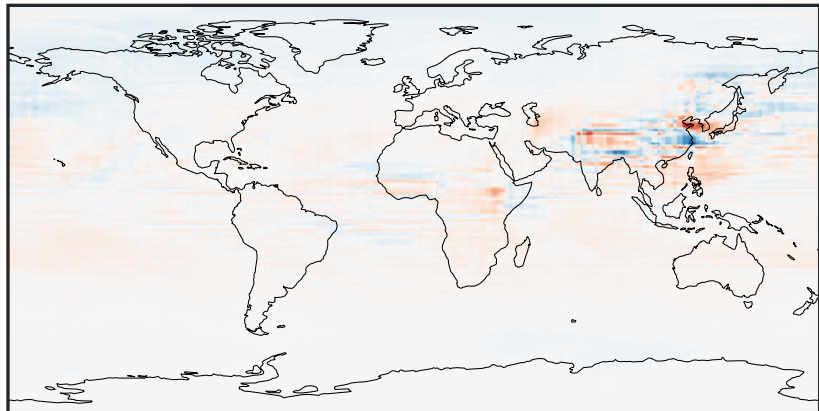
3.75 20.10 36.45 52.80 69.16
ppb

GCHP 14.2.2 using wind (Dev)
c30



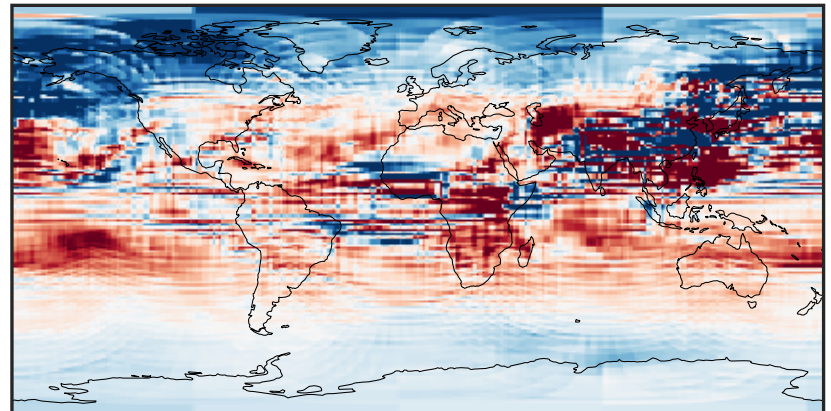
3.75 20.10 36.45 52.80 69.16
ppb

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



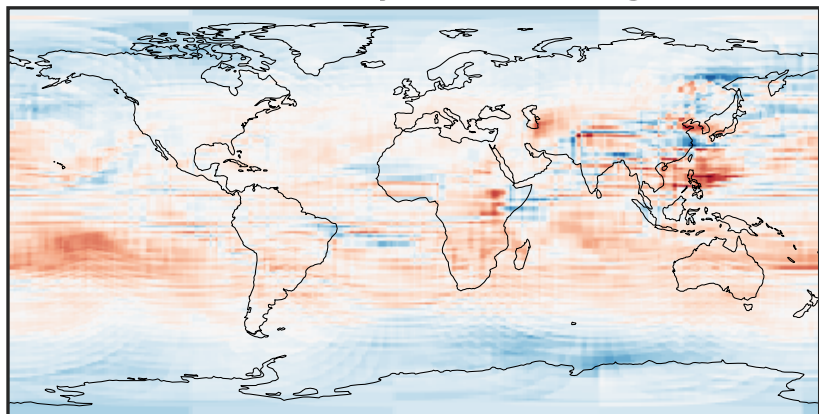
-17.2 -8.6 0.0 8.6 17.2
ppb

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



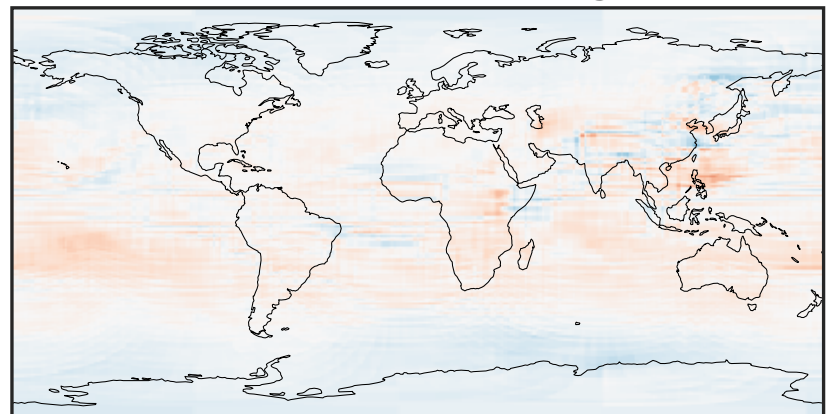
-1.449 -0.725 0.000 0.725 1.449
ppb

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



0.7310 0.8655 1.0000 1.1840 1.3679
unitless

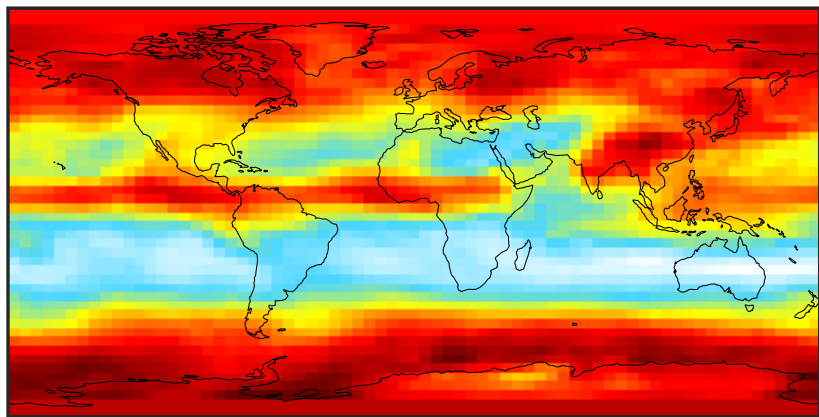
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

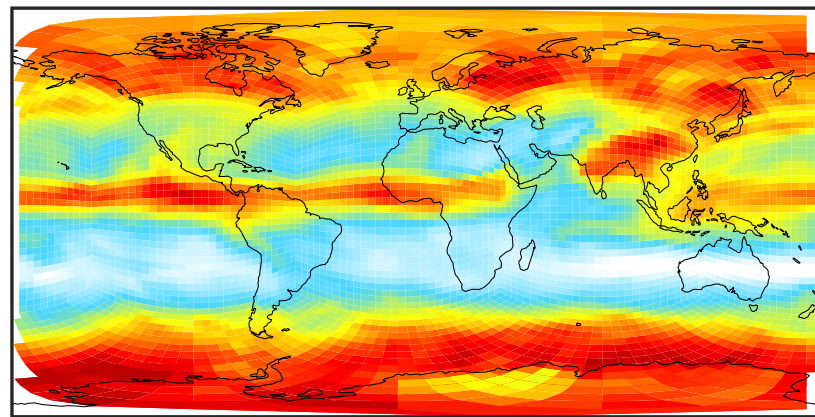
SpeciesConcVV_e90 (Jul2019)

GCC 14.2.2 (Ref)
4.0x5.0



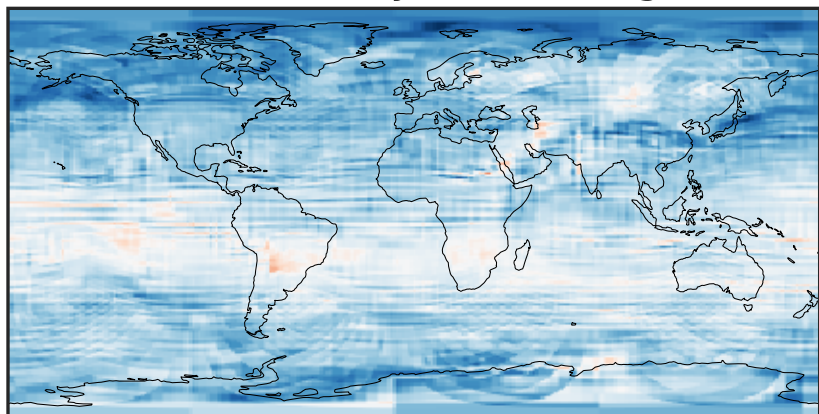
62.35 68.12 73.90 79.67 85.45
ppb

GCHP 14.2.2 using wind (Dev)
c30



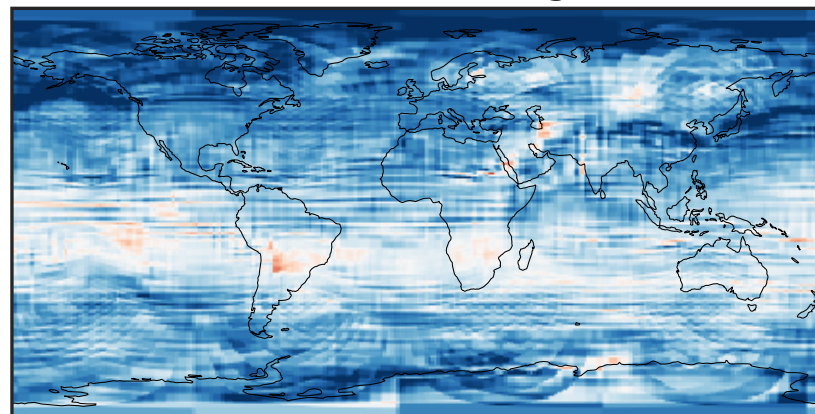
62.35 68.12 73.90 79.67 85.45
ppb

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



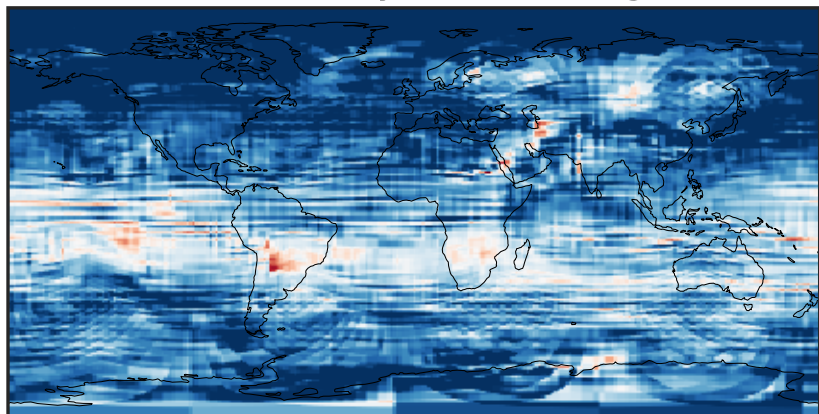
-6.32 -3.16 0.00 3.16 6.32
ppb

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



-4.26 -2.13 0.00 2.13 4.26
ppb

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



0.96116 0.98058 1.00000 1.02021 1.04041
unitless

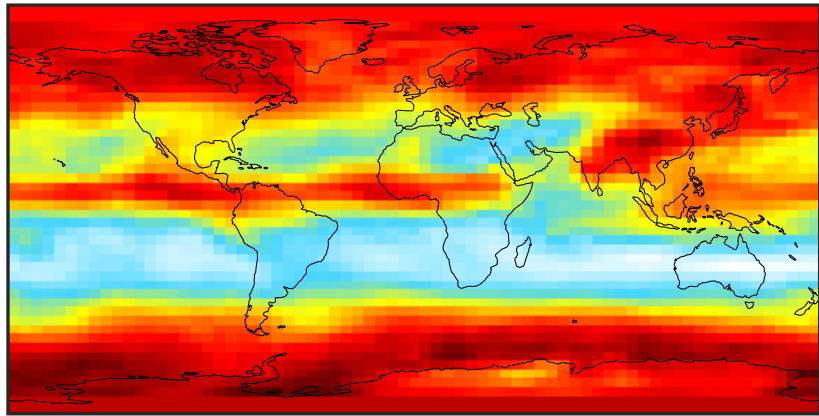
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

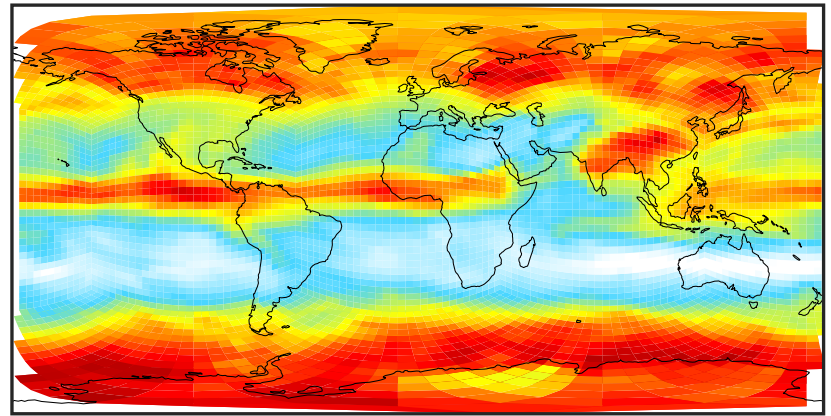
SpeciesConcVV_e90_n (Jul2019)

GCC 14.2.2 (Ref)
4.0x5.0



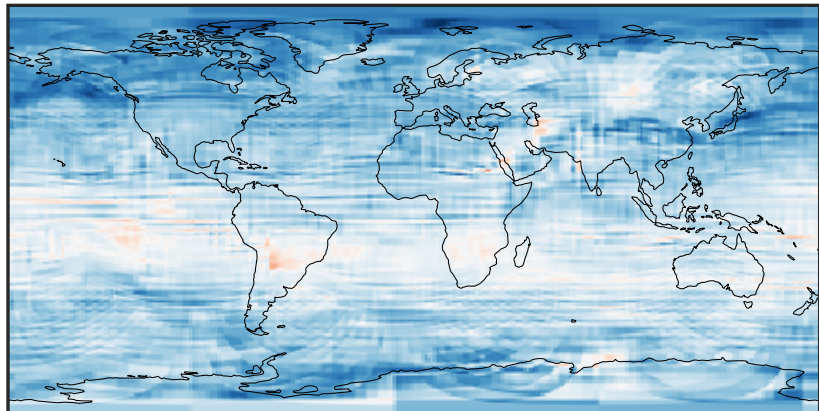
62.35 68.12 73.90 79.67 85.45
ppb

GCHP 14.2.2 using wind (Dev)
c30



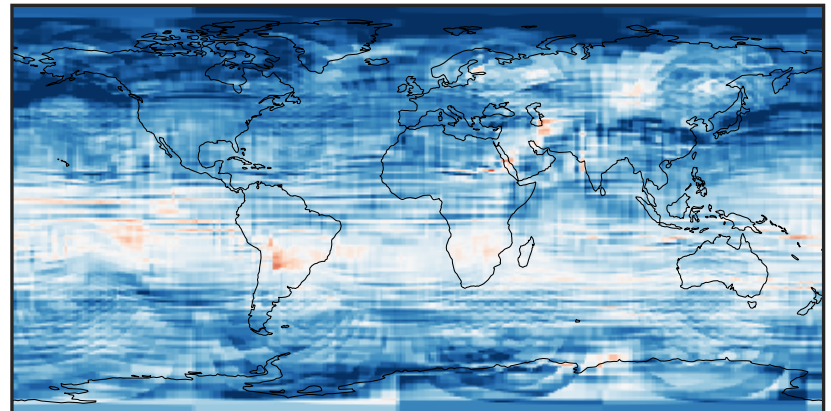
62.35 68.12 73.90 79.67 85.45
ppb

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



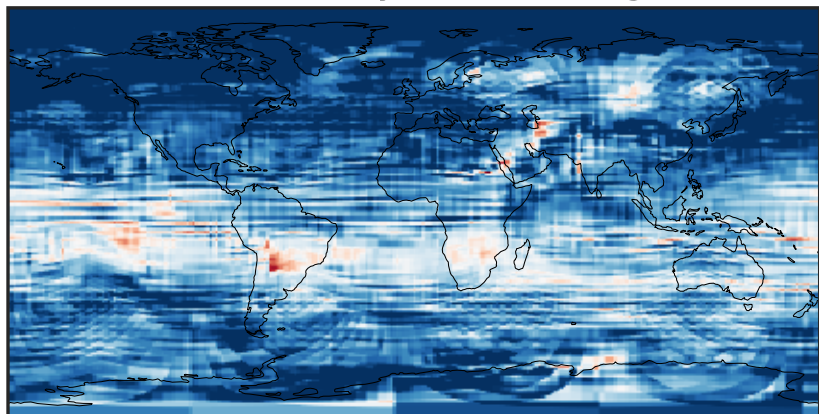
-6.32 -3.16 0.00 3.16 6.32
ppb

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



-4.26 -2.13 0.00 2.13 4.26
ppb

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



0.96116 0.98058 1.00000 1.02021 1.04041
unitless

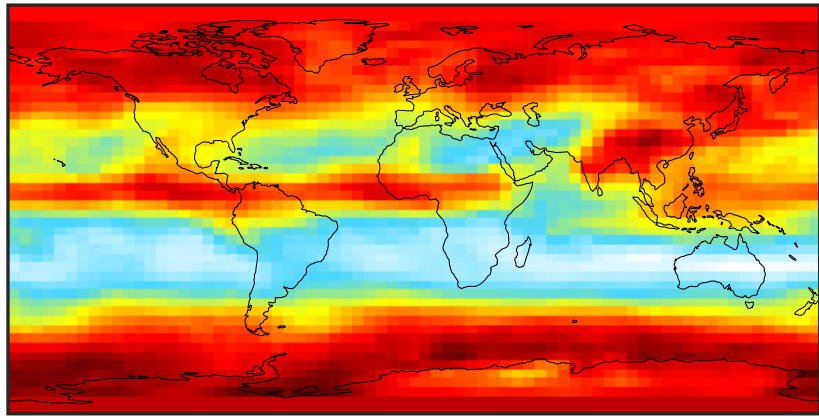
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

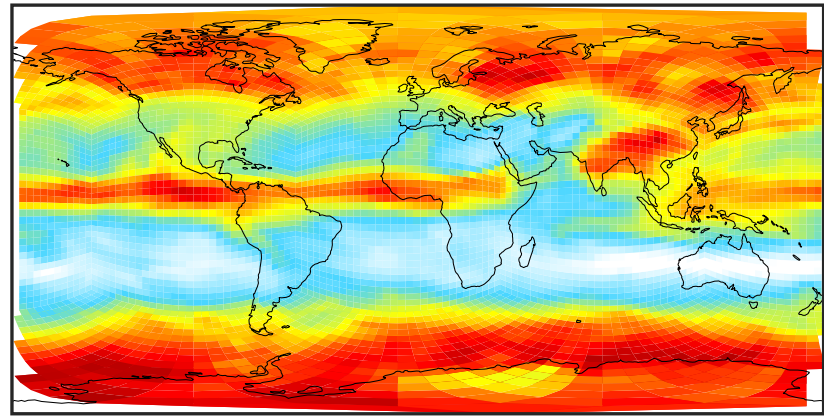
SpeciesConcVV_e90_s (Jul2019)

GCC 14.2.2 (Ref)
4.0x5.0



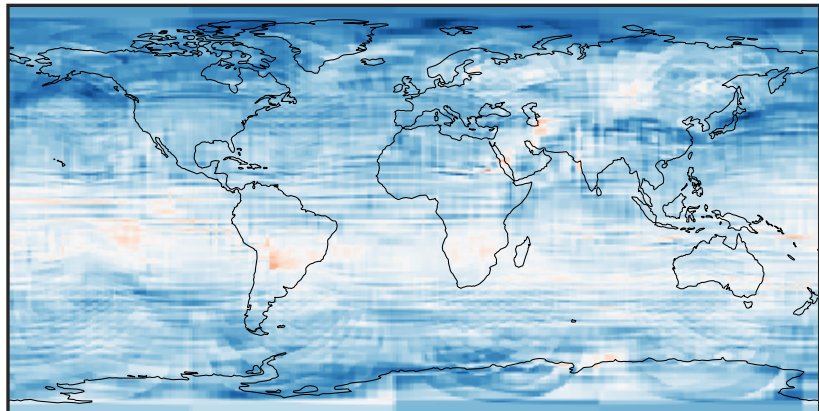
62.35 68.12 73.90 79.67 85.45
ppb

GCHP 14.2.2 using wind (Dev)
c30



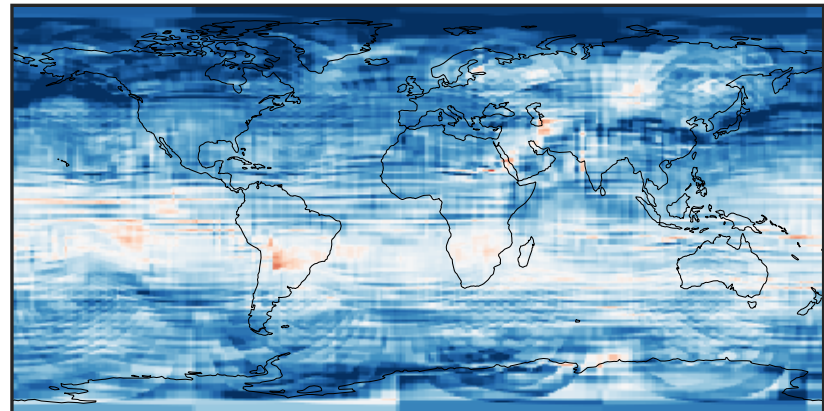
62.35 68.12 73.90 79.67 85.45
ppb

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



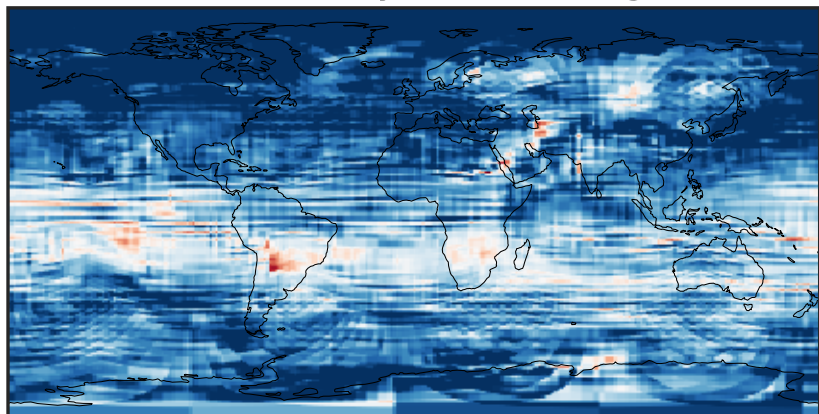
-6.32 -3.16 0.00 3.16 6.32
ppb

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



-4.26 -2.13 0.00 2.13 4.26
ppb

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



0.96116 0.98058 1.00000 1.02021 1.04041
unitless

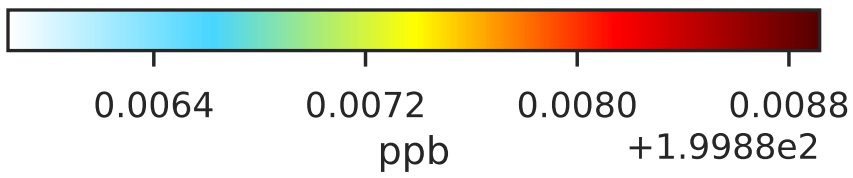
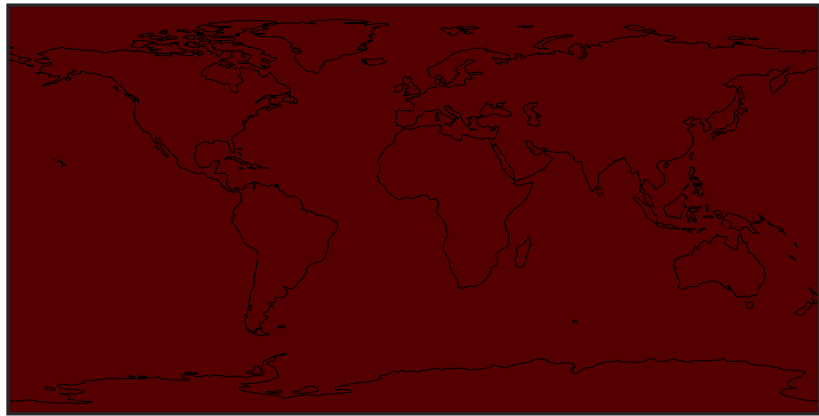
Ratio (1x1.25)
Dev/Ref, Fixed Range



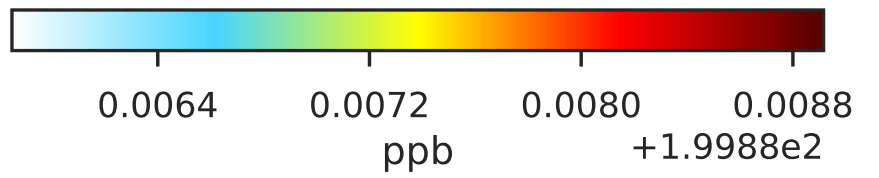
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (Jul2019)

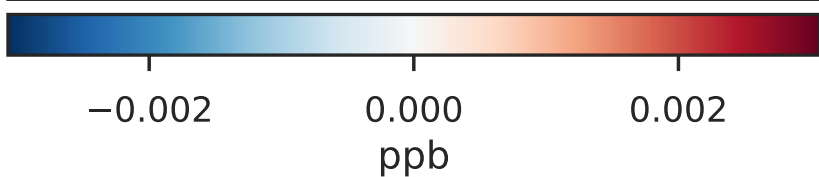
GCC 14.2.2 (Ref)
4.0x5.0



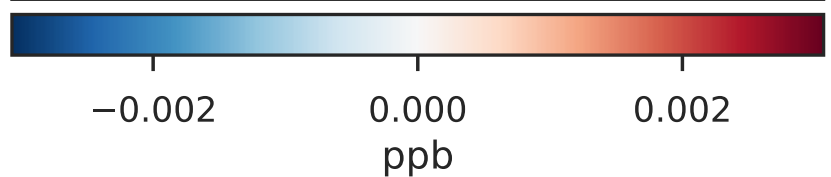
GCHP 14.2.2 using wind (Dev)
c30



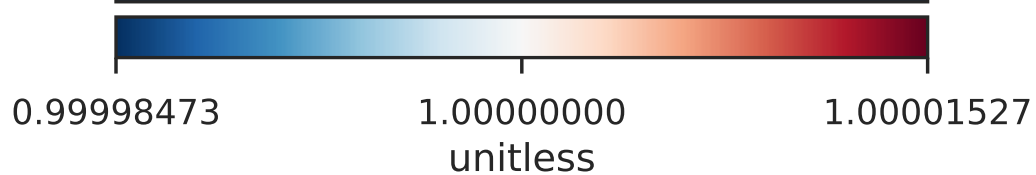
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

