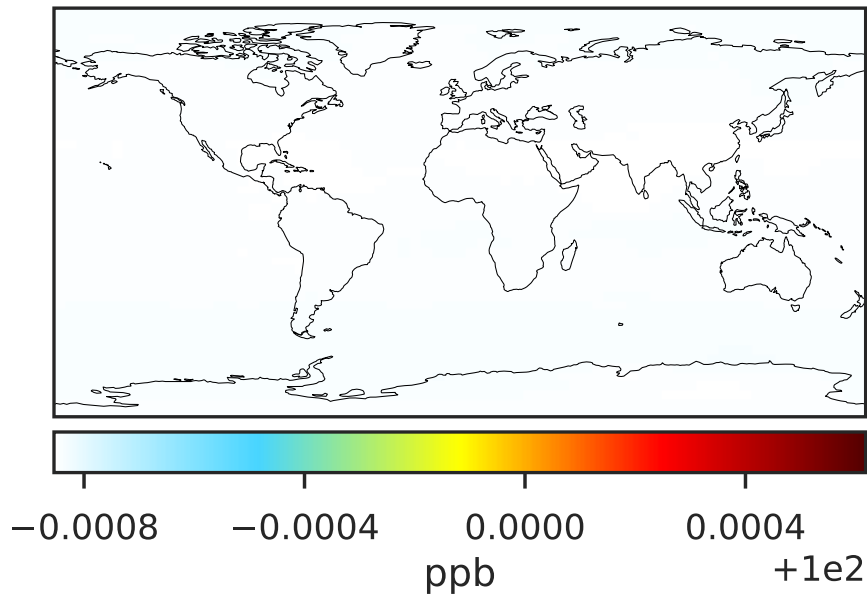
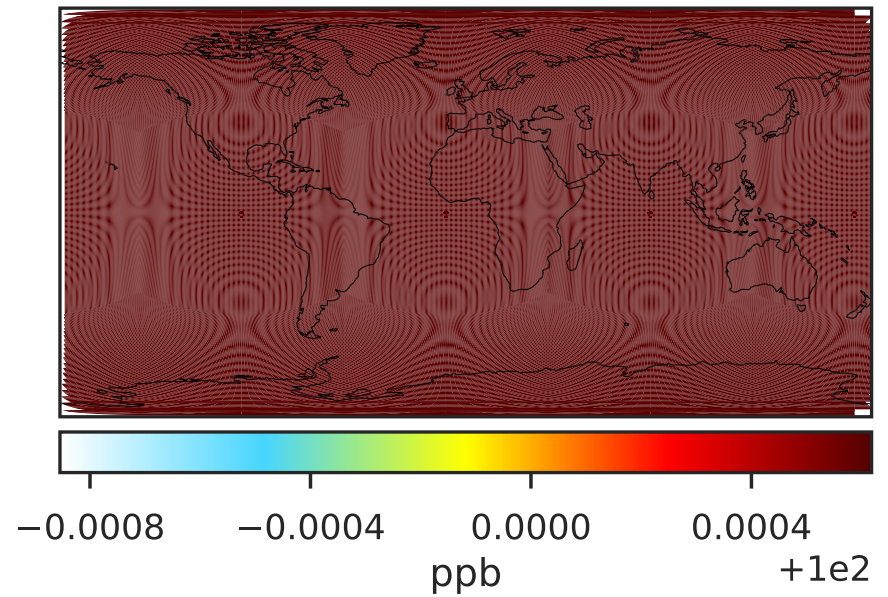


SpeciesConcVV_PassiveTracer (Jan2019)

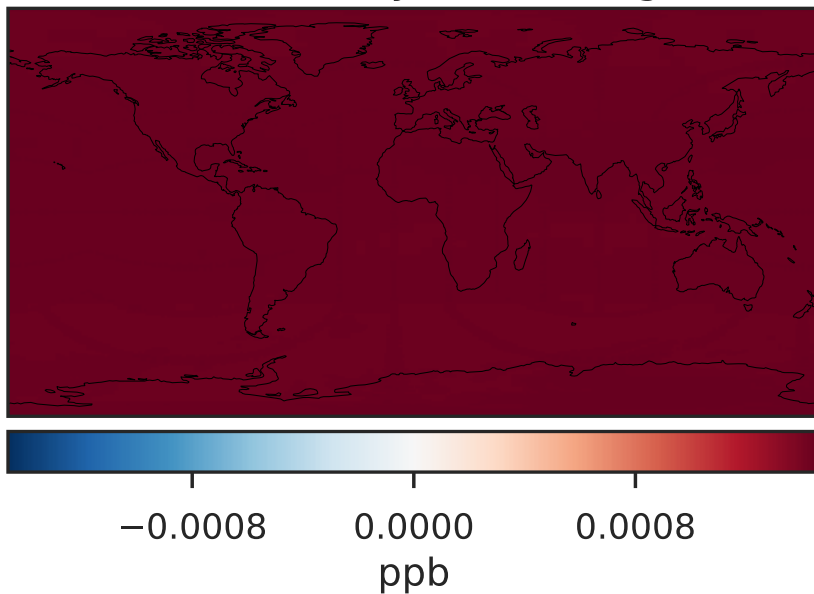
GCC 14.2.2 (Ref)
4.0x5.0



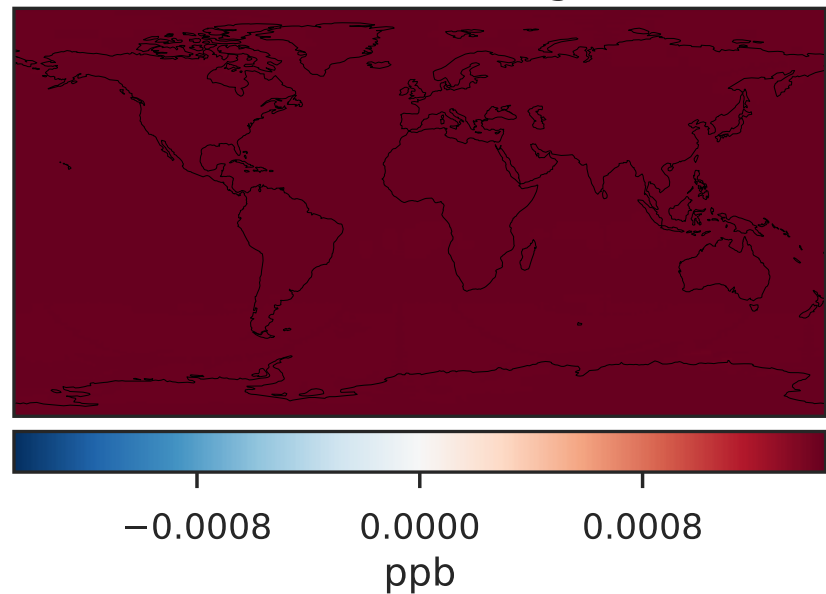
GCHP 14.2.2 using wind (Dev)
c180



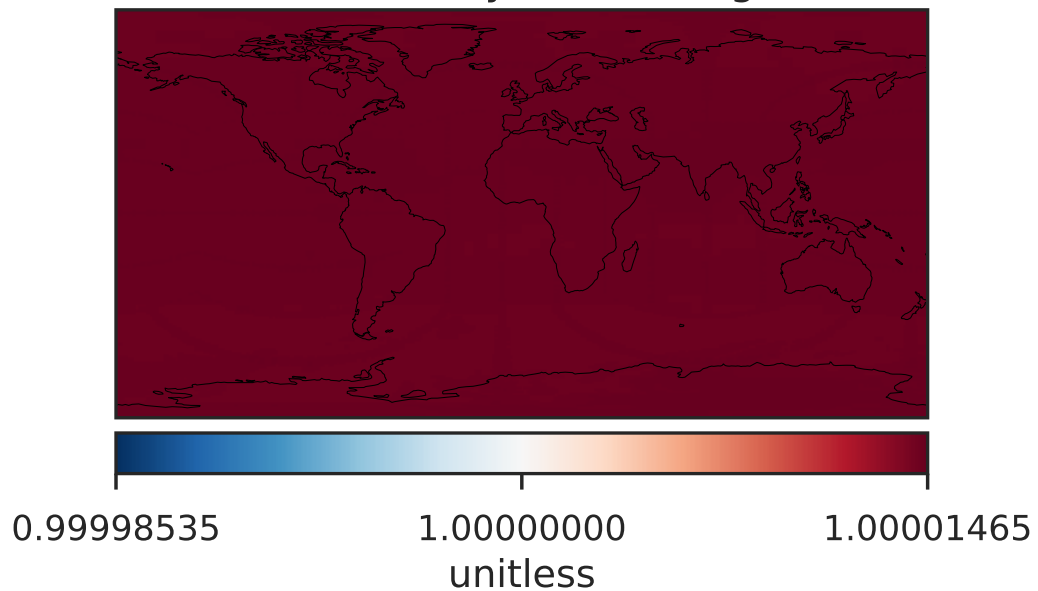
Difference (1x1.25)
Dev - Ref, Dynamic Range



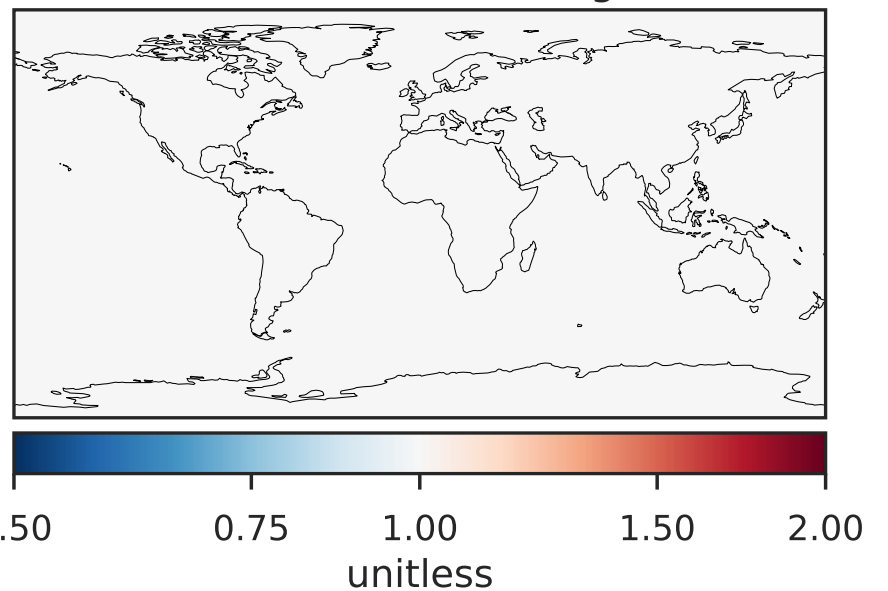
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

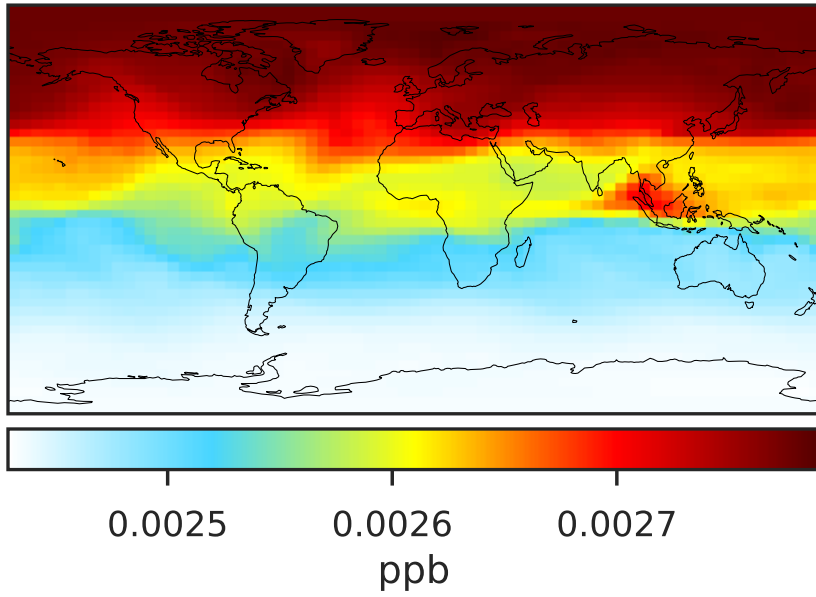


Ratio (1x1.25)
Dev/Ref, Fixed Range

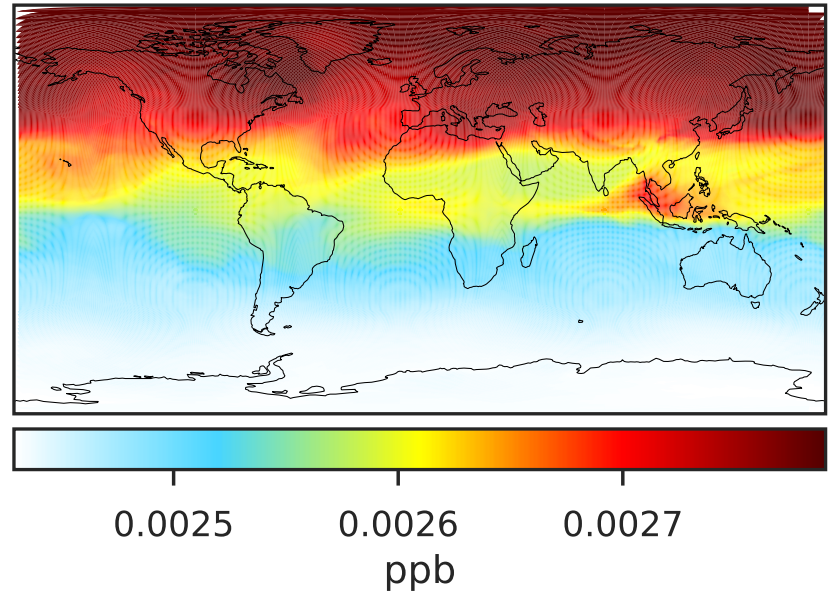


SpeciesConcVV_SF6 (Jan2019)

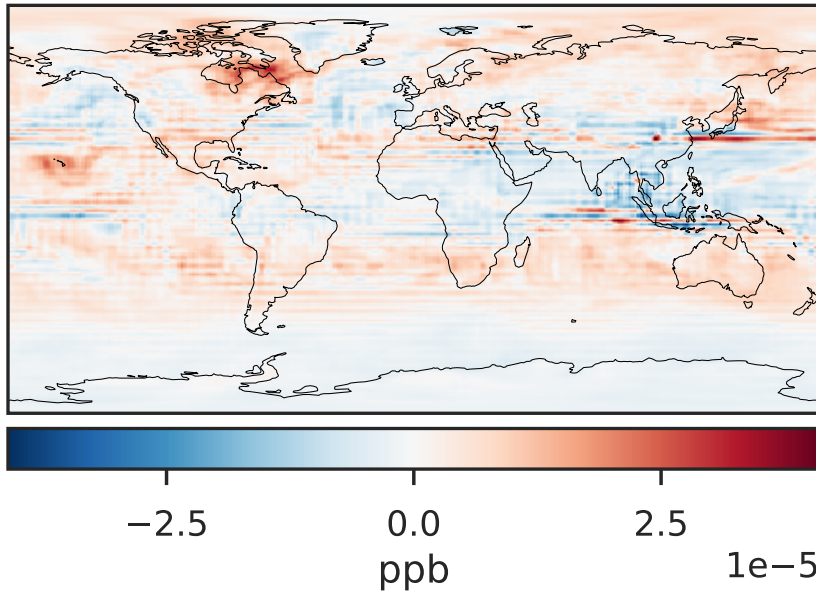
GCC 14.2.2 (Ref)
4.0x5.0



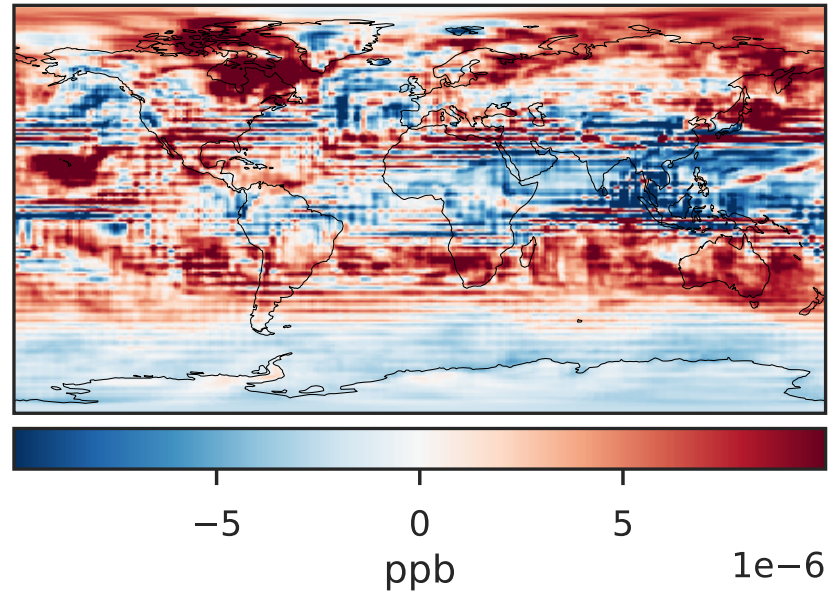
GCHP 14.2.2 using wind (Dev)
c180



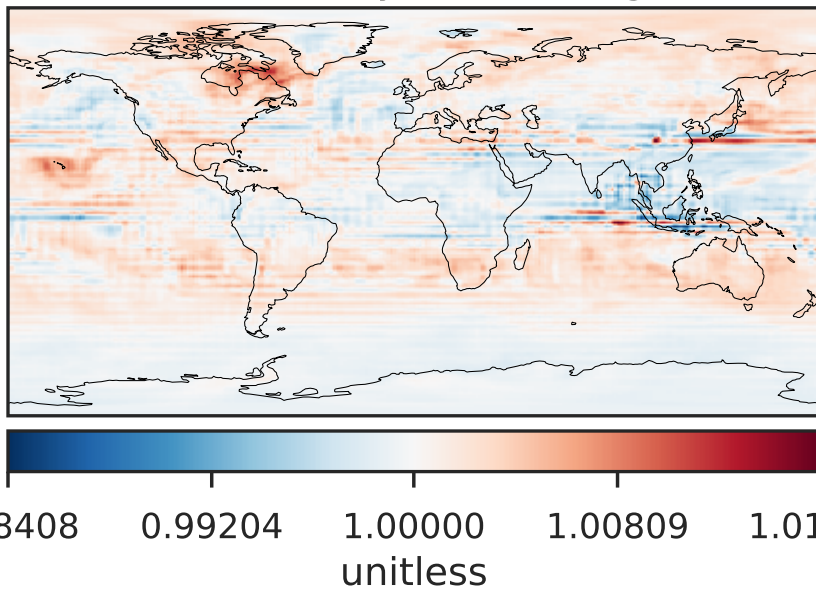
Difference (1x1.25)
Dev - Ref, Dynamic Range



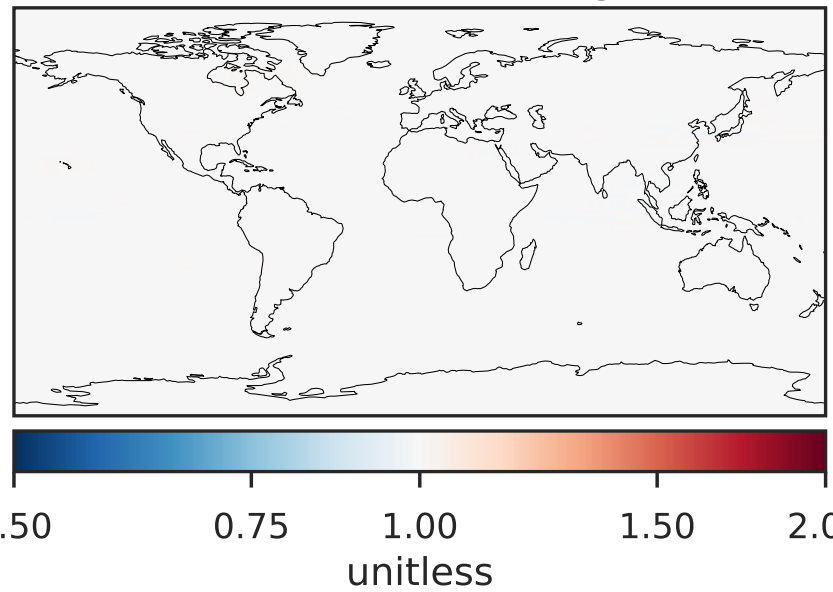
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

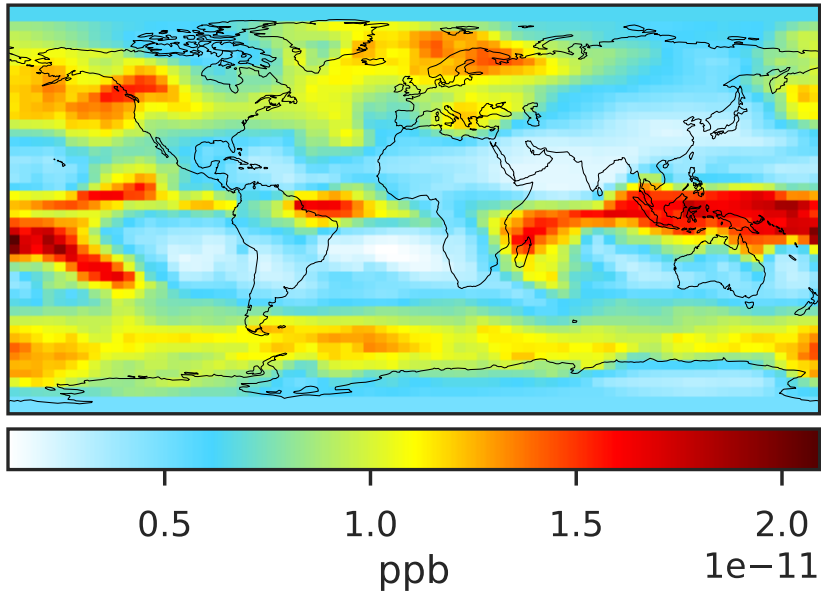


Ratio (1x1.25)
Dev/Ref, Fixed Range

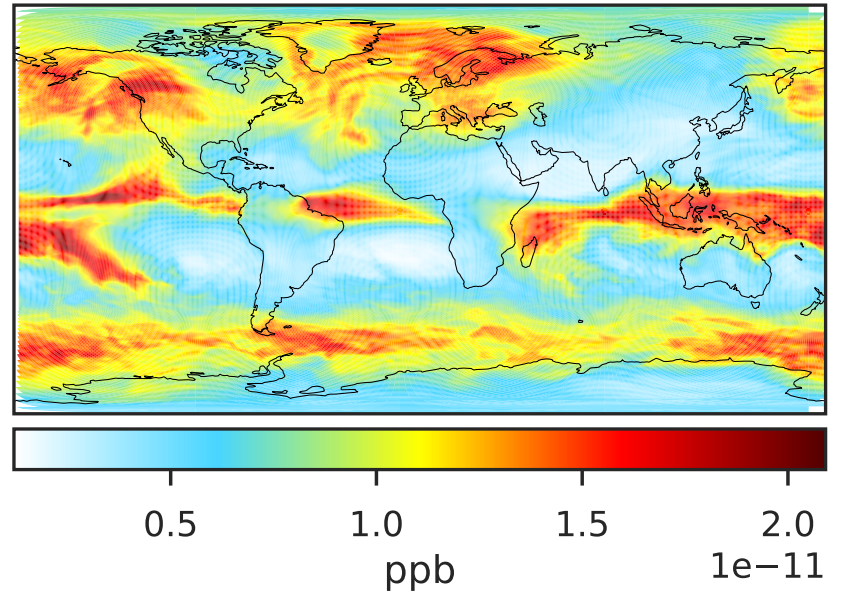


SpeciesConcVW_CH3I (Jan2019)

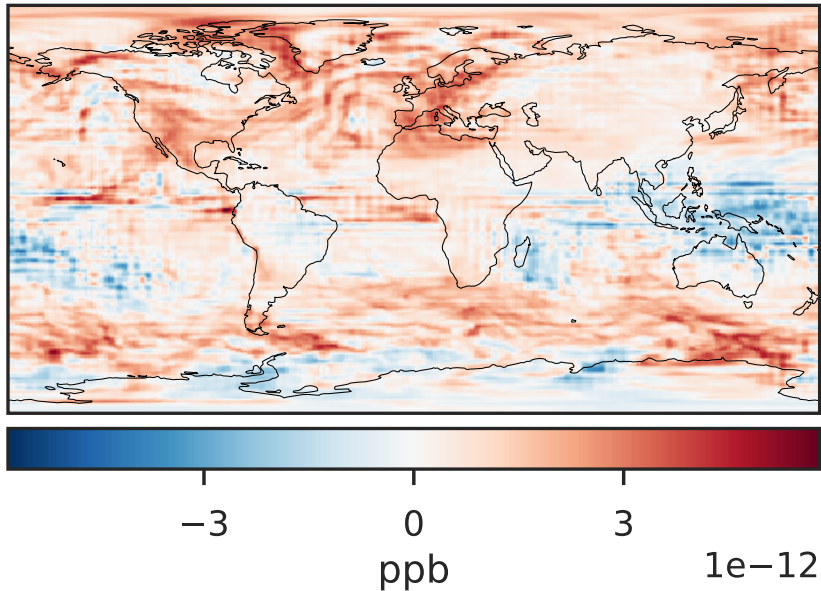
GCC 14.2.2 (Ref)
4.0x5.0



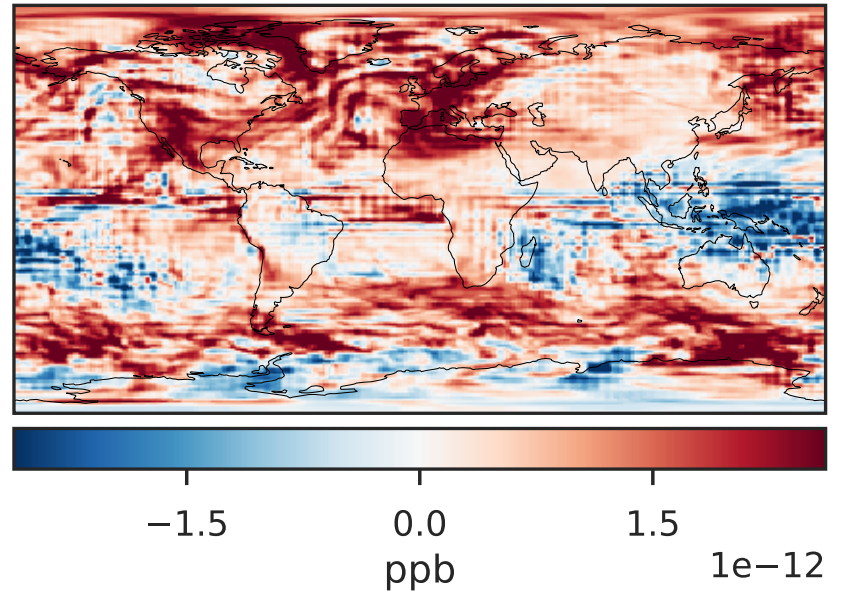
GCHP 14.2.2 using wind (Dev)
c180



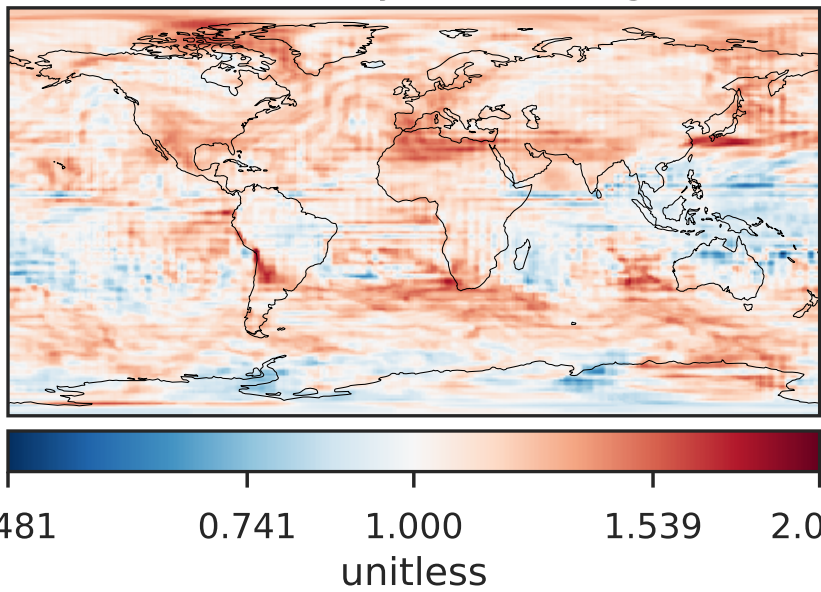
Difference (1x1.25)
Dev - Ref, Dynamic Range



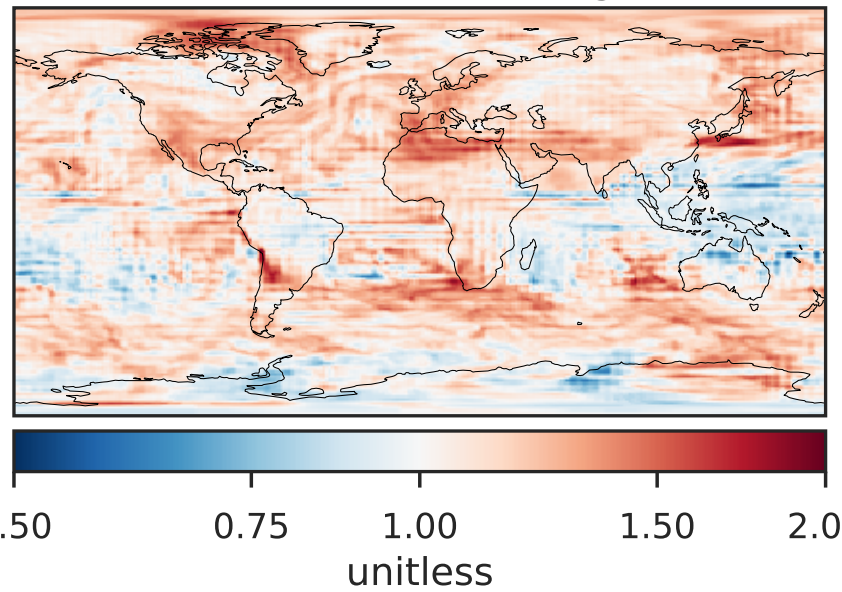
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

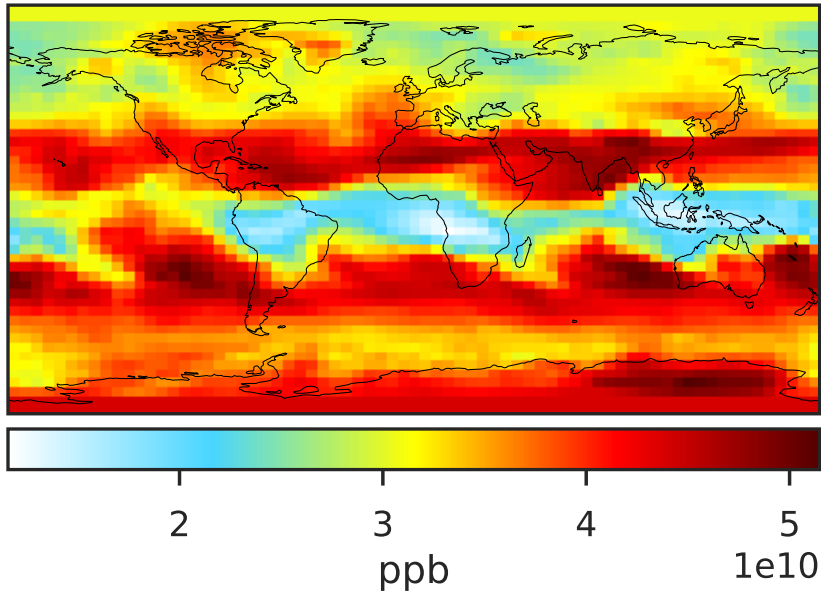


Ratio (1x1.25)
Dev/Ref, Fixed Range

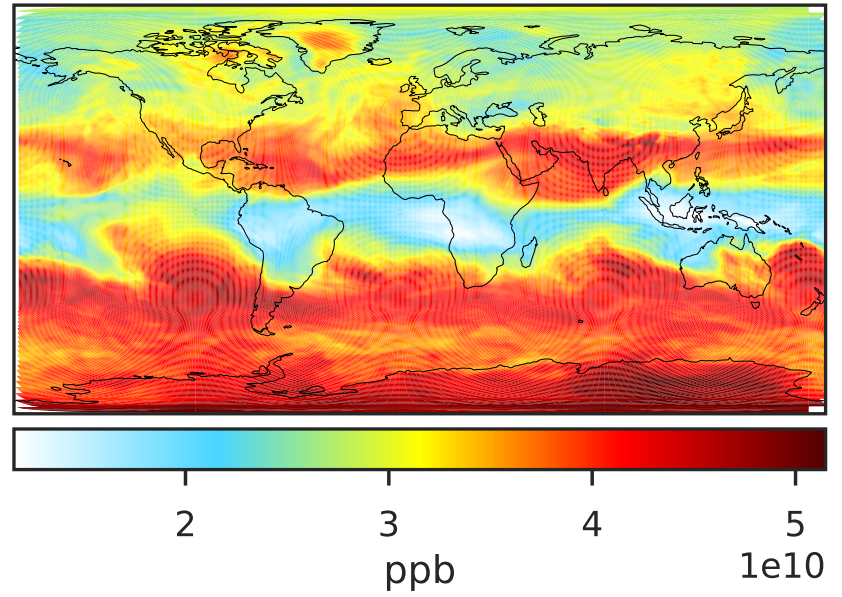


SpeciesConcVV_aoa (Jan2019)

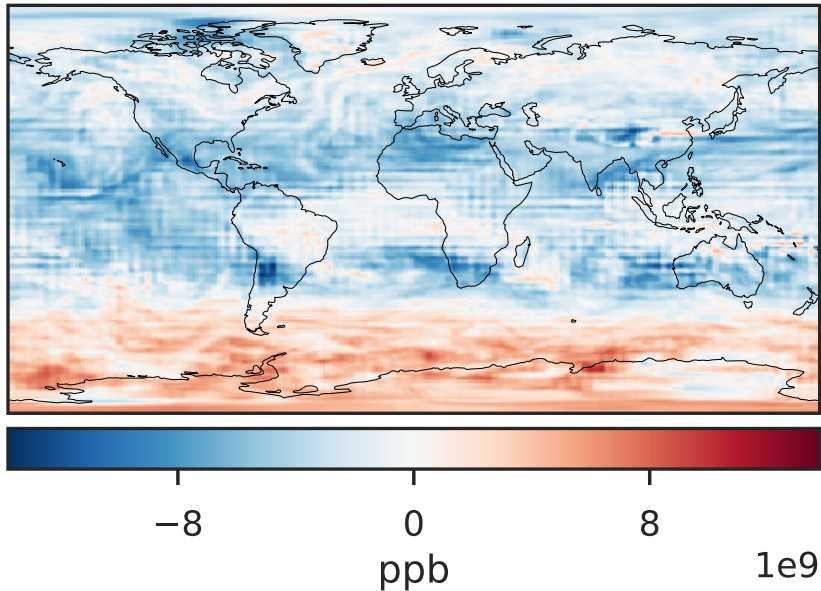
GCC 14.2.2 (Ref)
4.0x5.0



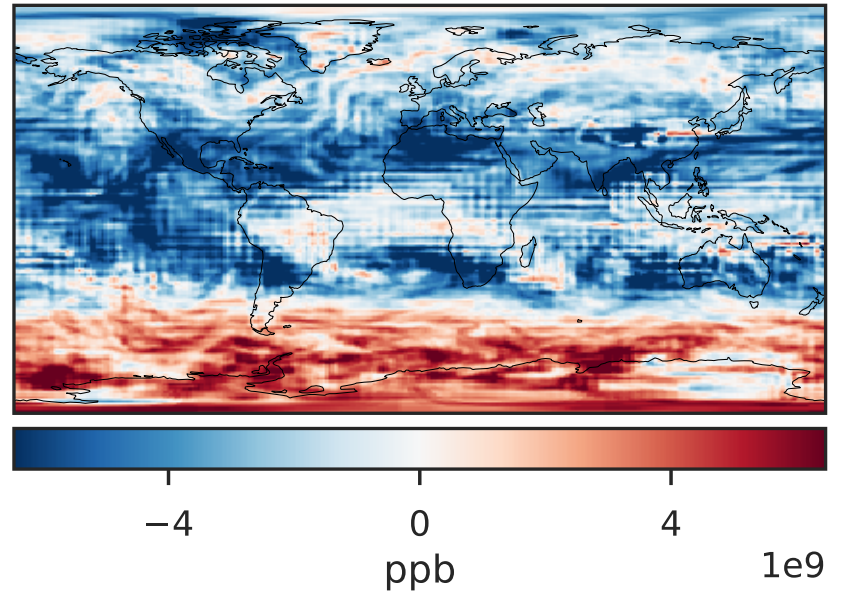
GCHP 14.2.2 using wind (Dev)
c180



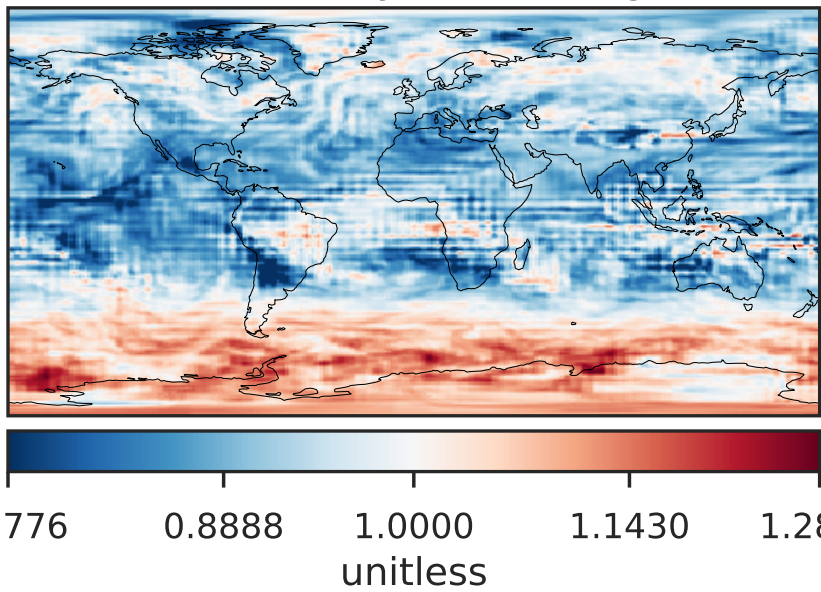
Difference (1x1.25)
Dev - Ref, Dynamic Range



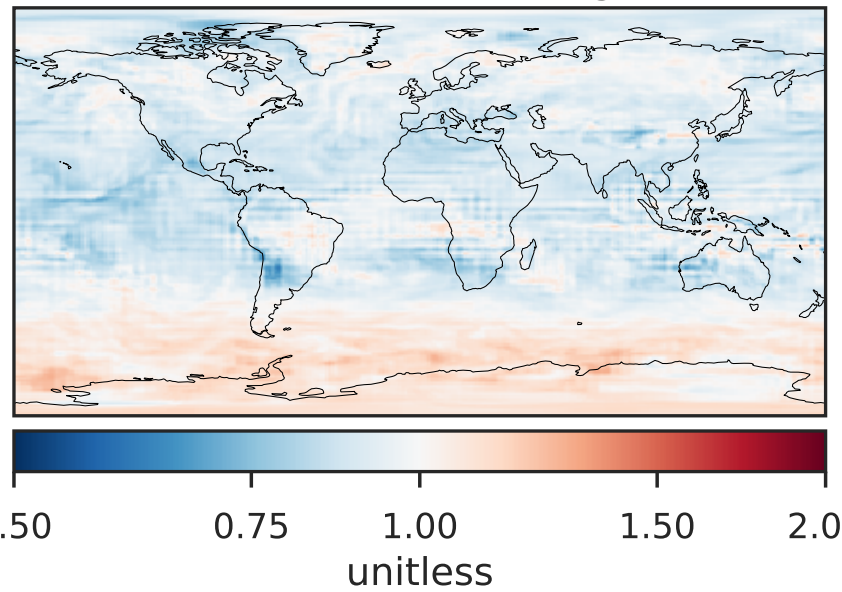
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

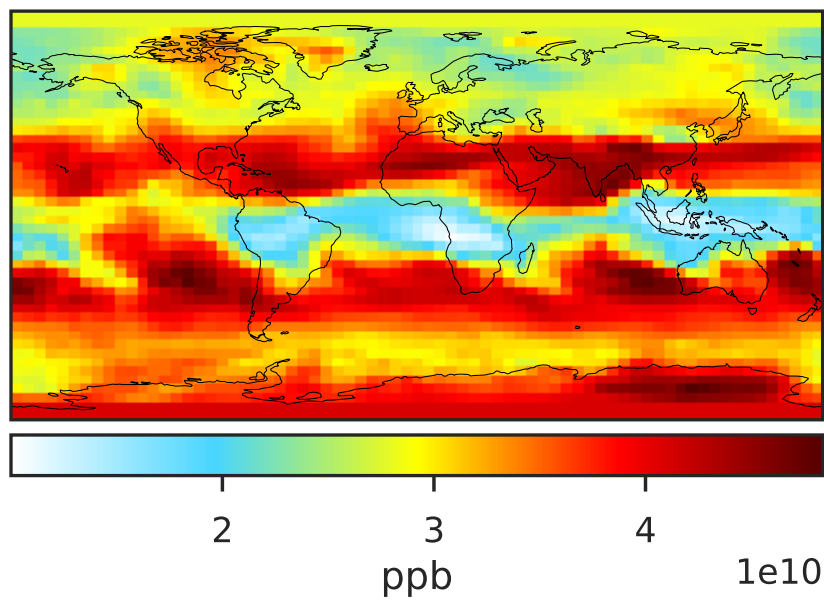


Ratio (1x1.25)
Dev/Ref, Fixed Range

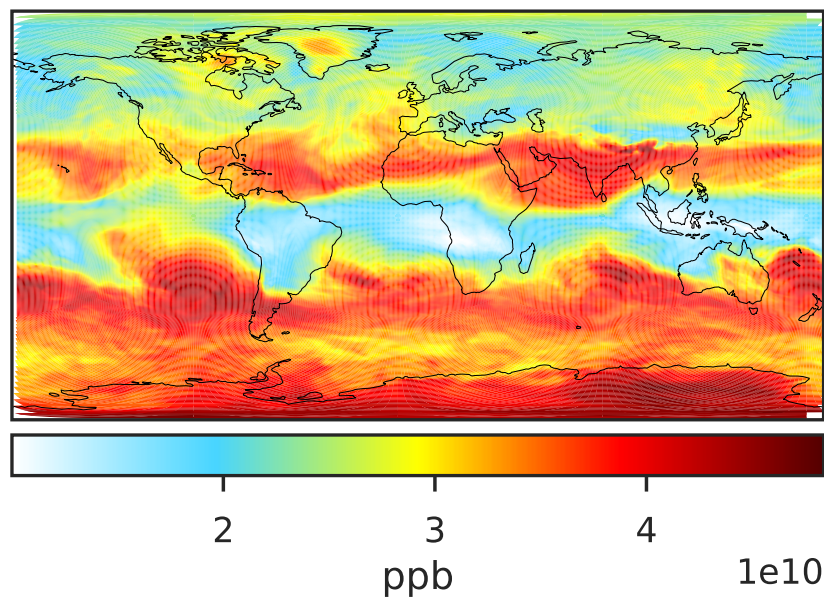


SpeciesConcVV_aoa_bl (Jan2019)

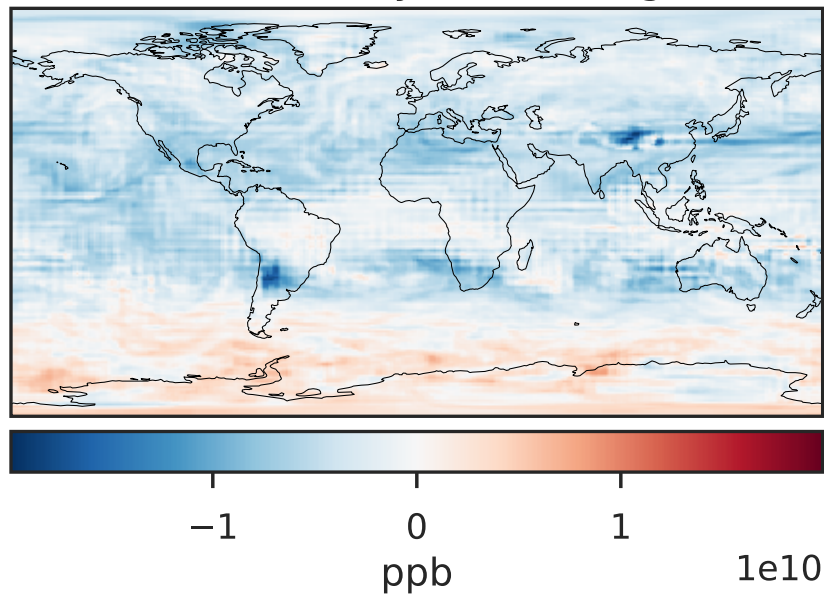
GCC 14.2.2 (Ref)
4.0x5.0



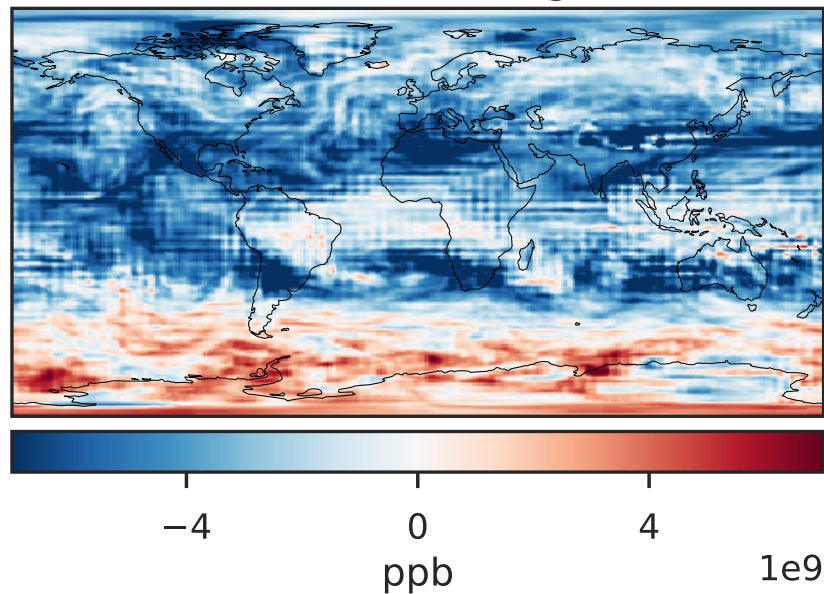
GCHP 14.2.2 using wind (Dev)
c180



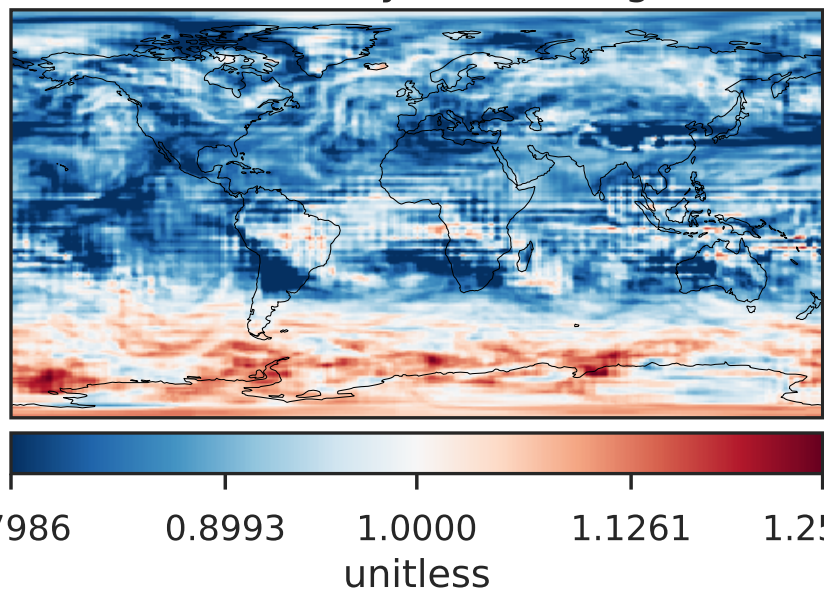
Difference (1x1.25)
Dev - Ref, Dynamic Range



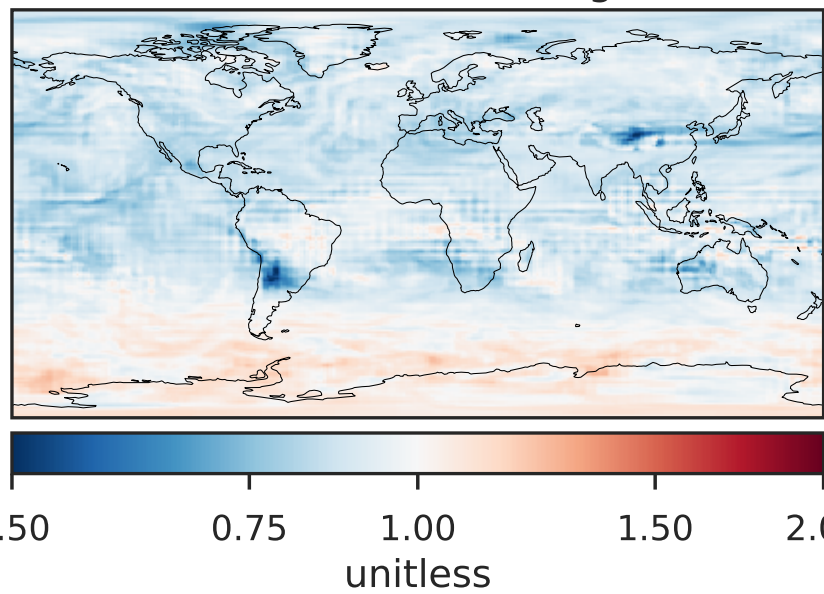
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

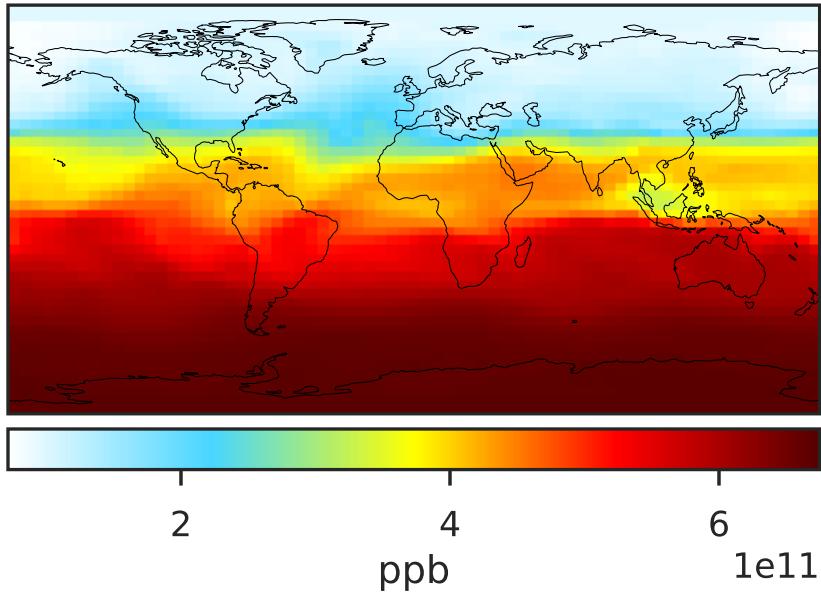


Ratio (1x1.25)
Dev/Ref, Fixed Range

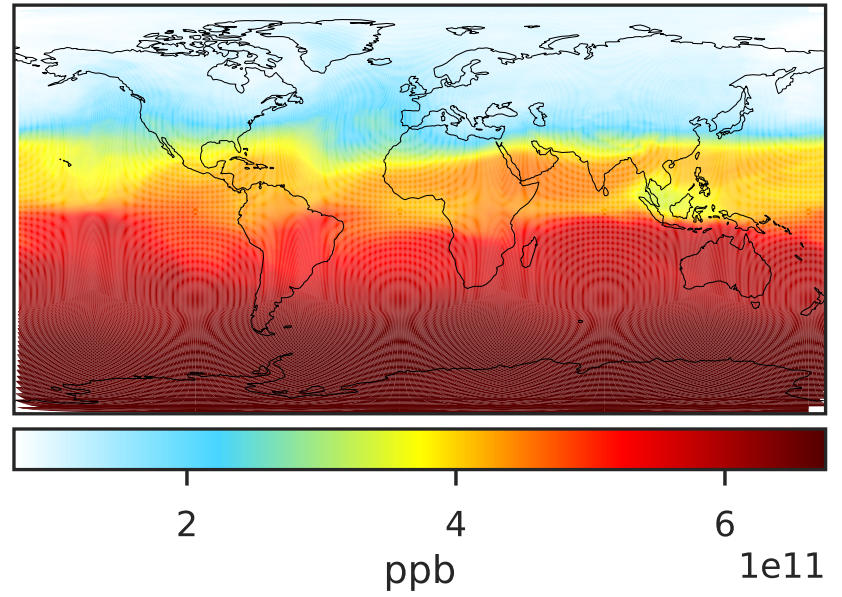


SpeciesConcVV_aoa_nh (Jan2019)

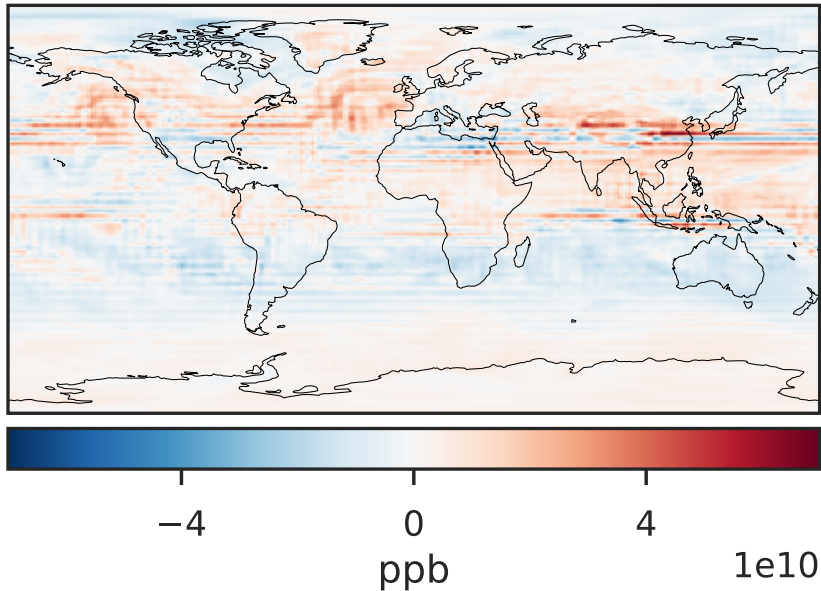
GCC 14.2.2 (Ref)
4.0x5.0



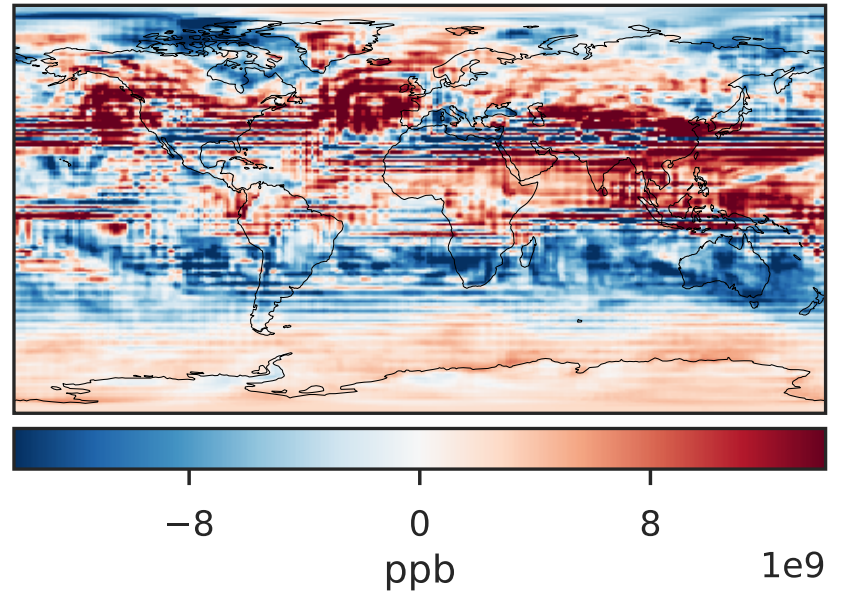
GCHP 14.2.2 using wind (Dev)
c180



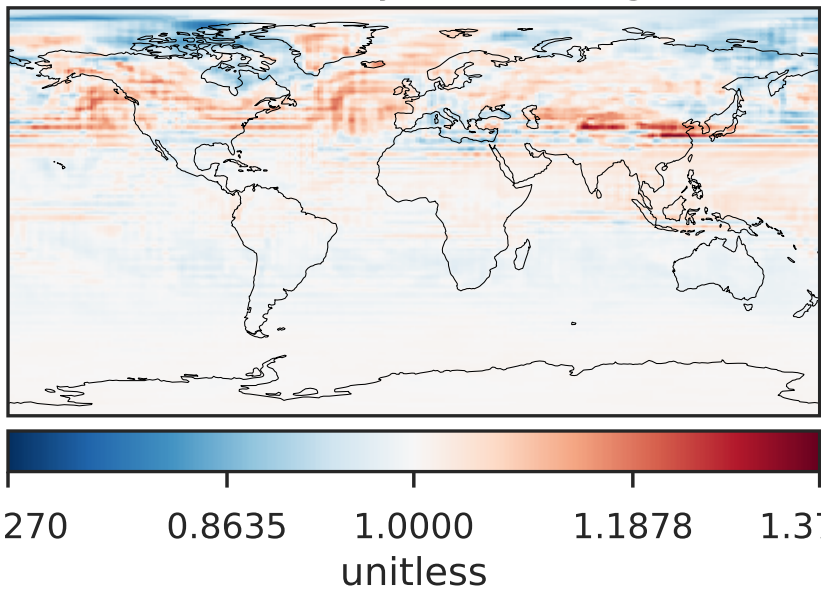
Difference (1x1.25)
Dev - Ref, Dynamic Range



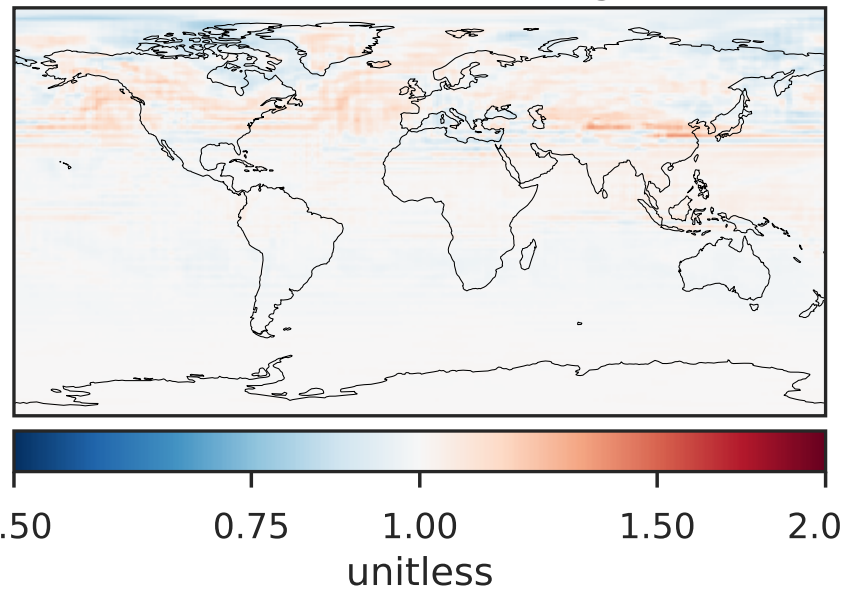
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

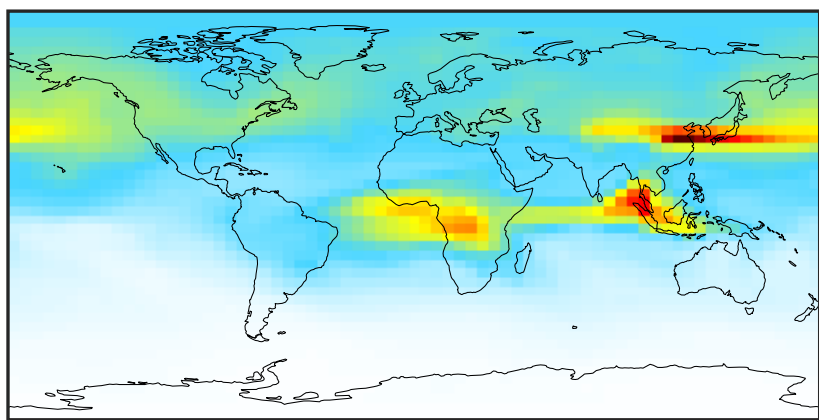


Ratio (1x1.25)
Dev/Ref, Fixed Range



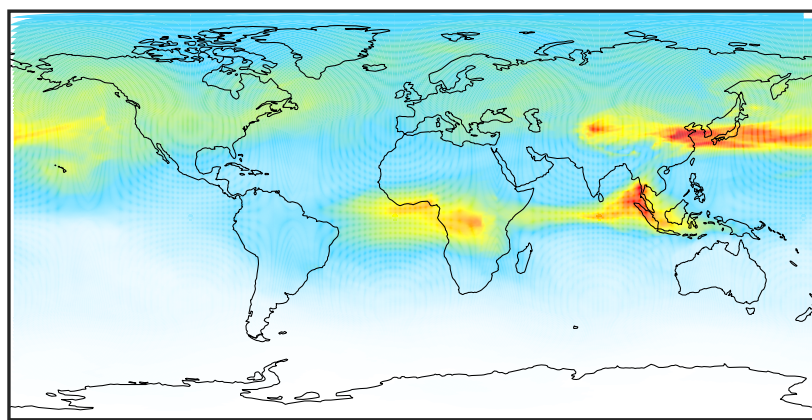
SpeciesConcVV_CO_25 (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



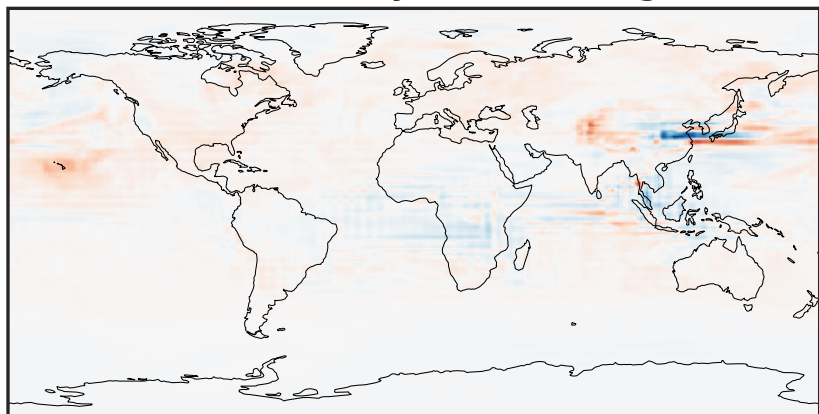
0.77 9.41 18.05 26.69 35.34
ppb

GCHP 14.2.2 using wind (Dev)
c180



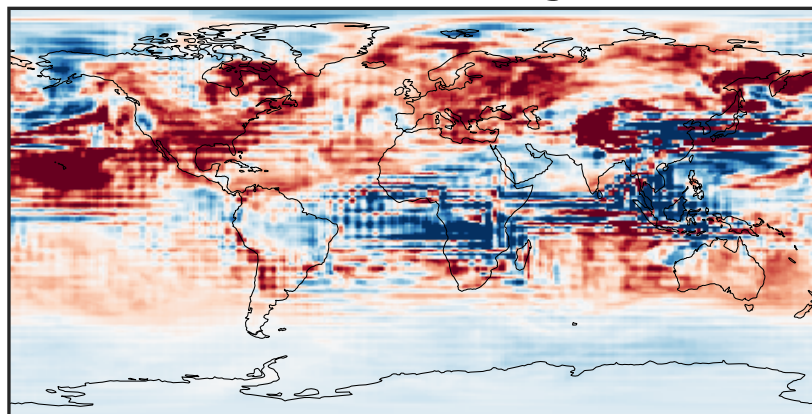
0.77 9.41 18.05 26.69 35.34
ppb

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



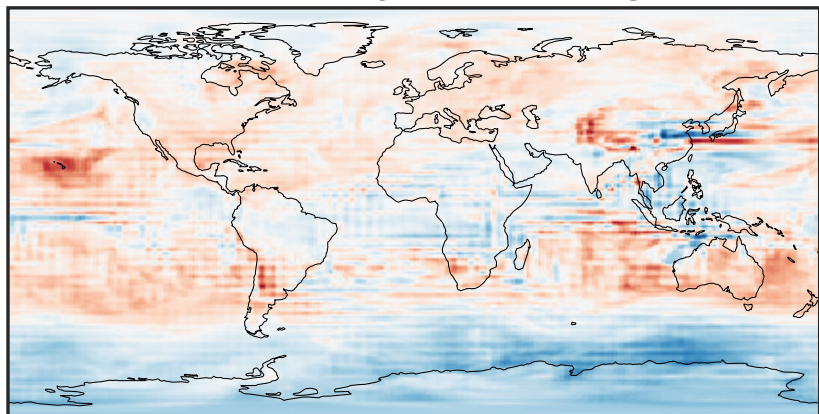
-13.11 -6.56 0.00 6.56 13.11
ppb

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



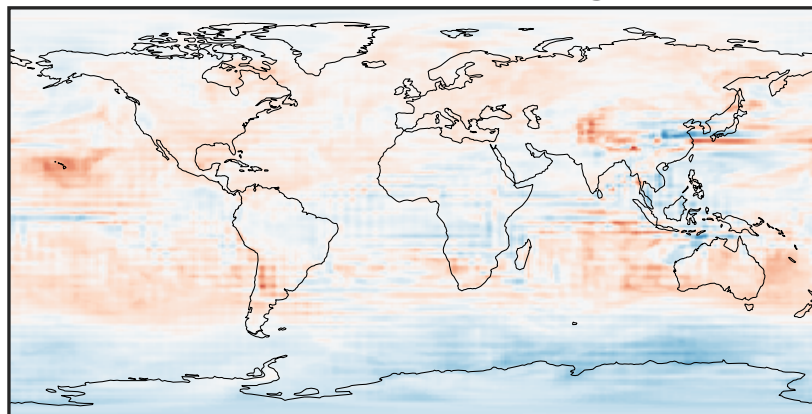
-1.088 -0.544 0.000 0.544 1.088
ppb

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



0.6263 0.8132 1.0000 1.2983 1.5966
unitless

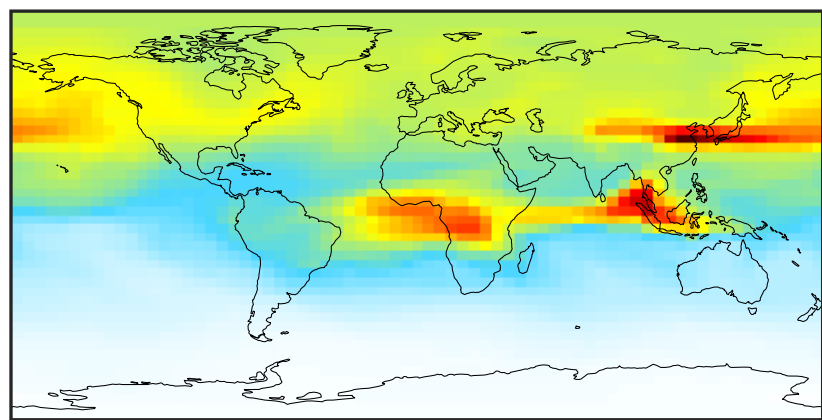
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

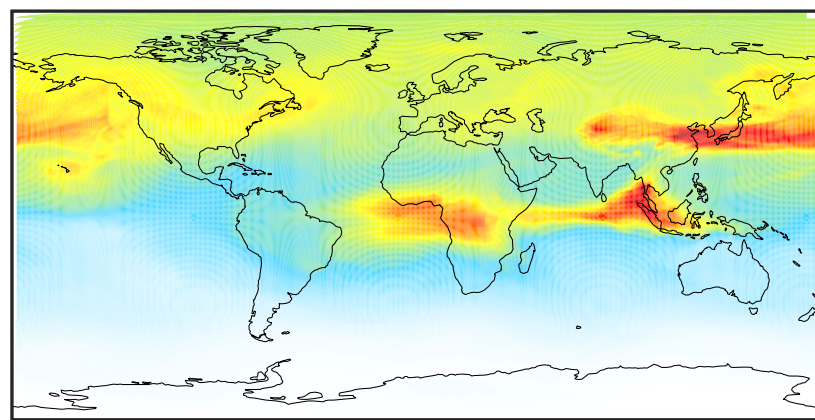
SpeciesConcVV_CO_50 (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



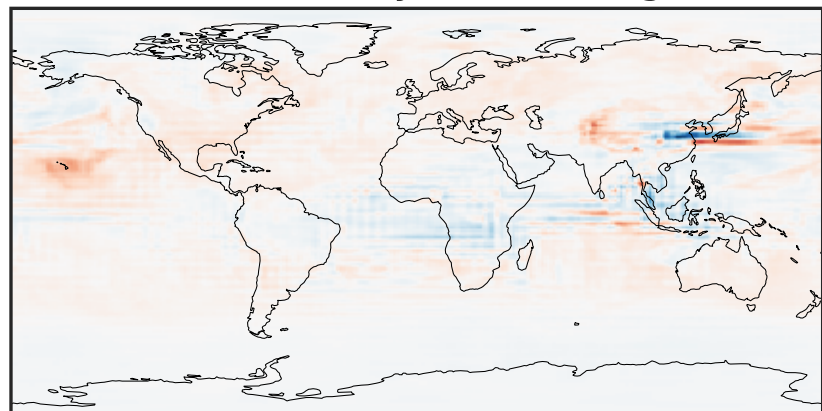
3.08 14.72 26.37 38.01 49.65
ppb

GCHP 14.2.2 using wind (Dev)
c180



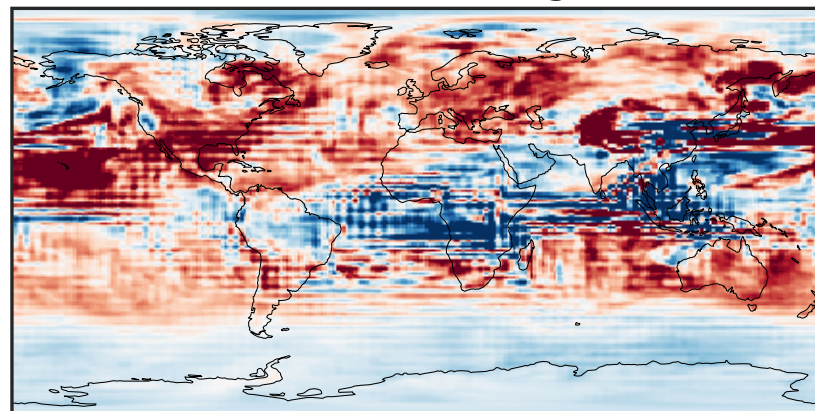
3.08 14.72 26.37 38.01 49.65
ppb

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



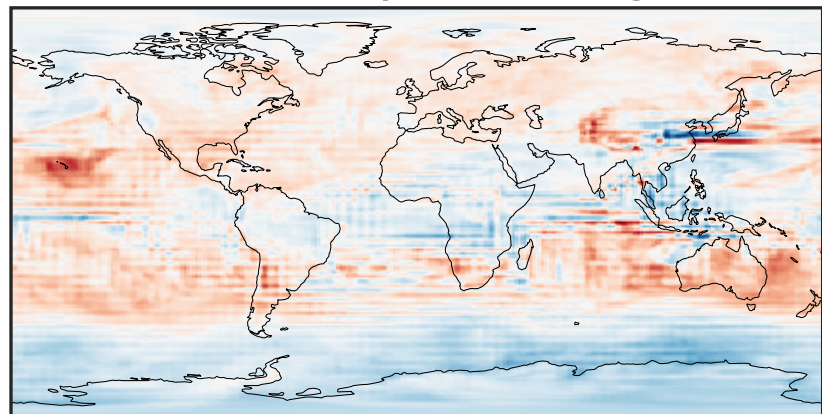
-14.68 -7.34 0.00 7.34 14.68
ppb

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



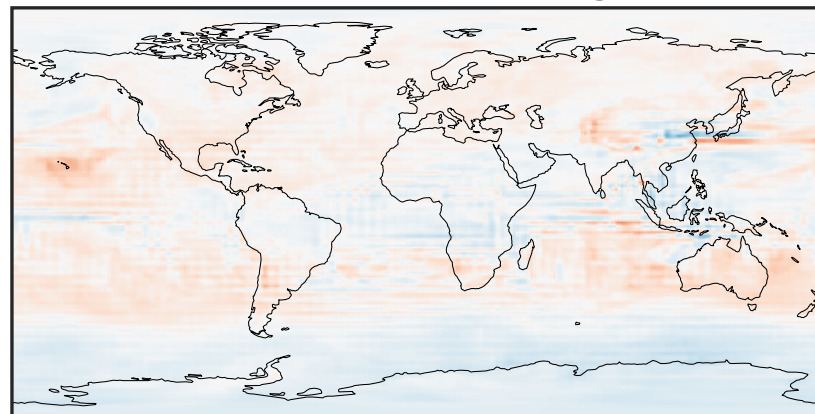
-1.462 -0.731 0.000 0.731 1.462
ppb

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



0.7275 0.8638 1.0000 1.1872 1.3745
unitless

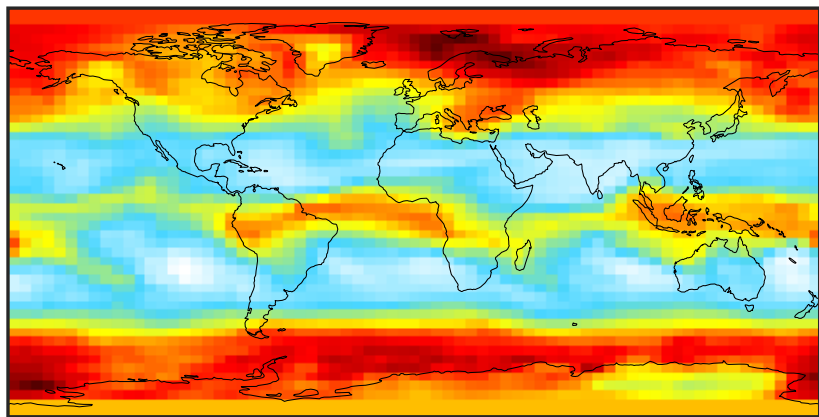
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

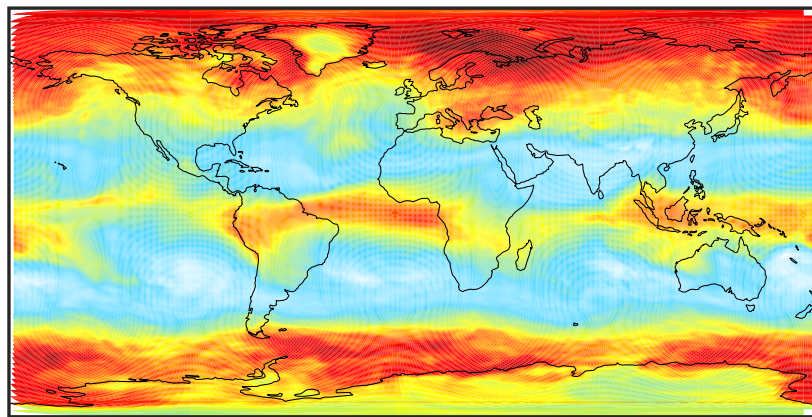
SpeciesConcVW_e90 (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



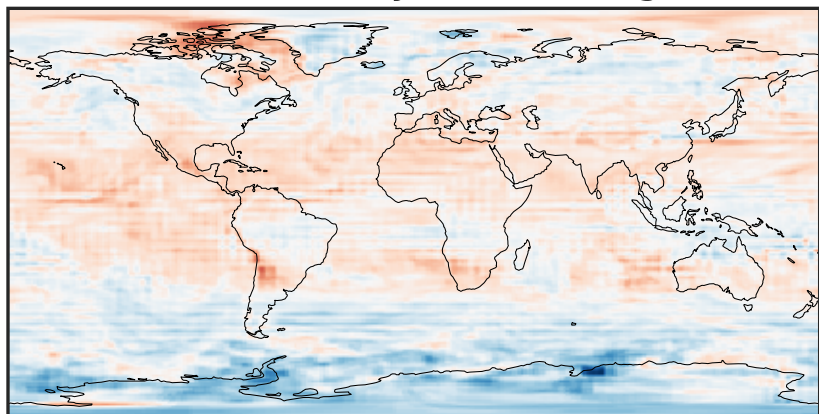
56.47 62.10 67.72 73.34 78.96
ppb

GCHP 14.2.2 using wind (Dev)
c180



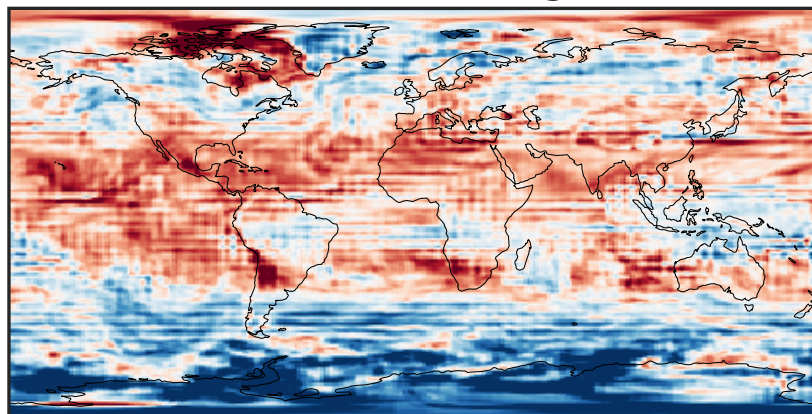
56.47 62.10 67.72 73.34 78.96
ppb

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



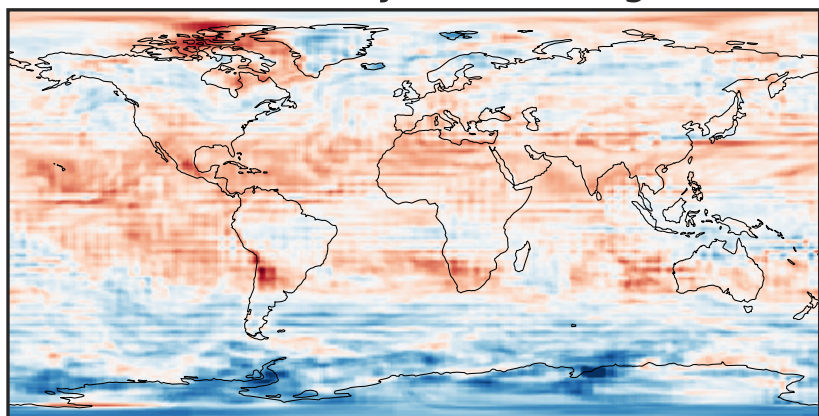
-8.69 -4.35 0.00 4.35 8.69
ppb

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



-3.0 -1.5 0.0 1.5 3.0
ppb

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



0.9191 0.9595 1.0000 1.0440 1.0881
unitless

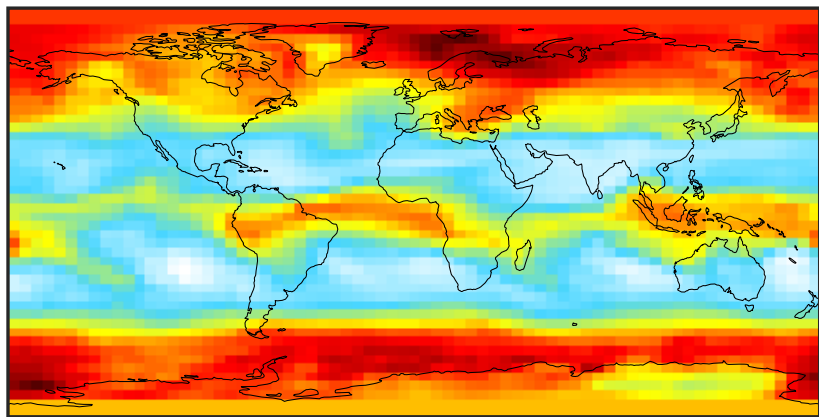
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

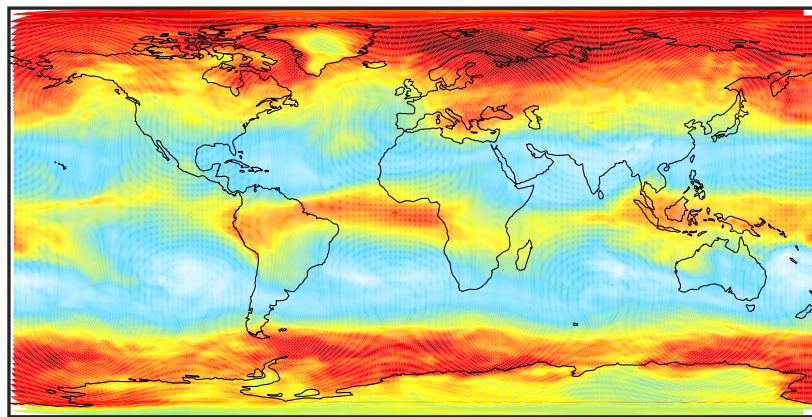
SpeciesConcVV_e90_n (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



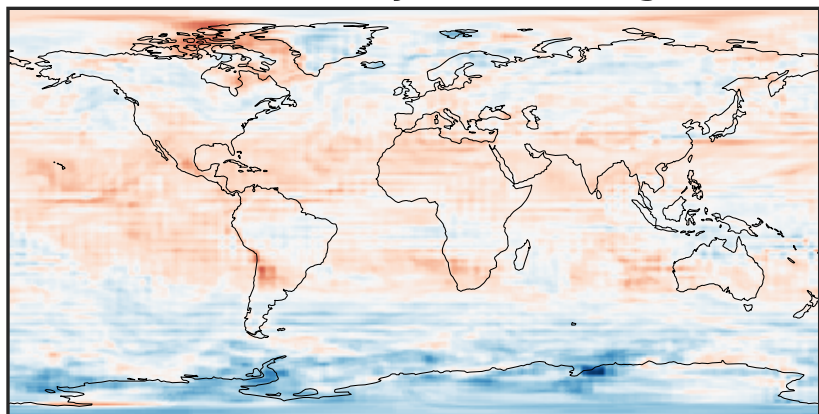
56.47 62.10 67.72 73.34 78.96
ppb

GCHP 14.2.2 using wind (Dev)
c180



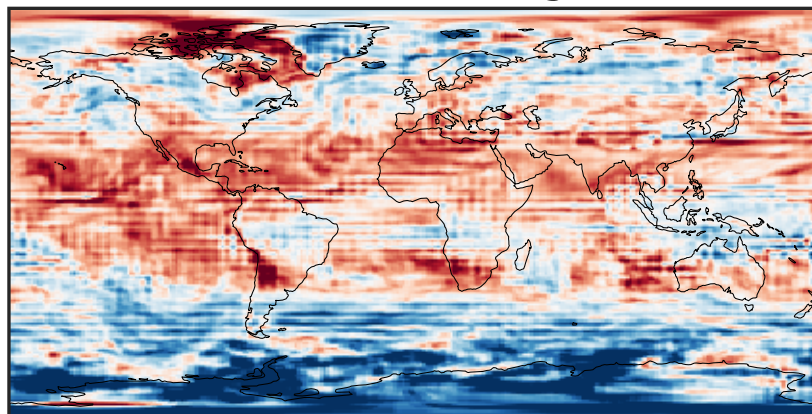
56.47 62.10 67.72 73.34 78.96
ppb

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



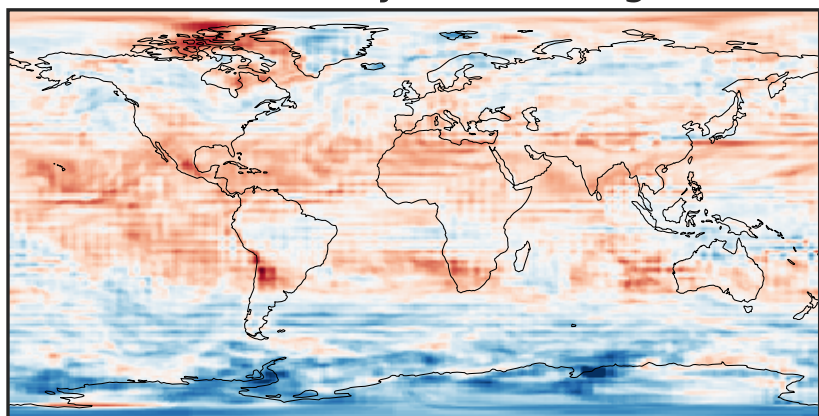
-8.69 -4.35 0.00 4.35 8.69
ppb

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



-3.0 -1.5 0.0 1.5 3.0
ppb

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



0.9191 0.9595 1.0000 1.0440 1.0881
unitless

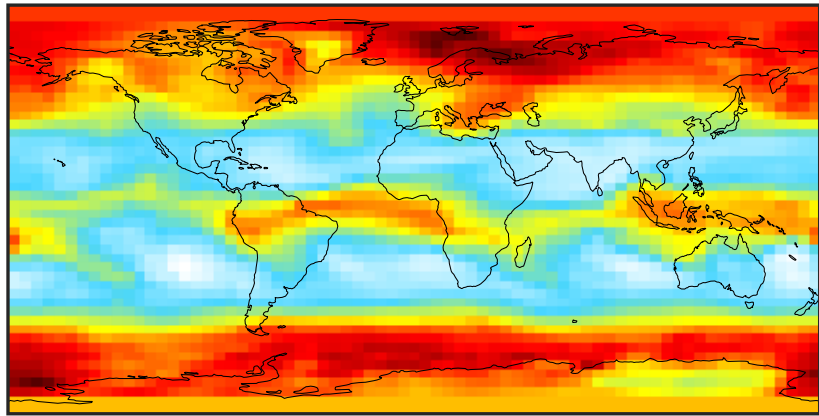
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

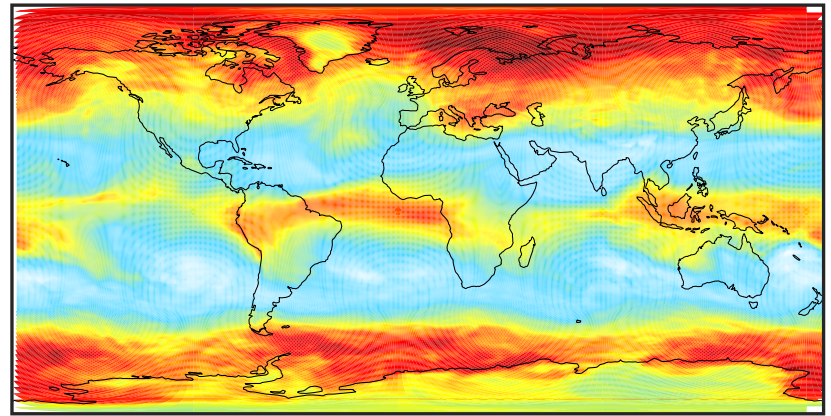
SpeciesConcVV_e90_s (Jan2019)

GCC 14.2.2 (Ref)
4.0x5.0



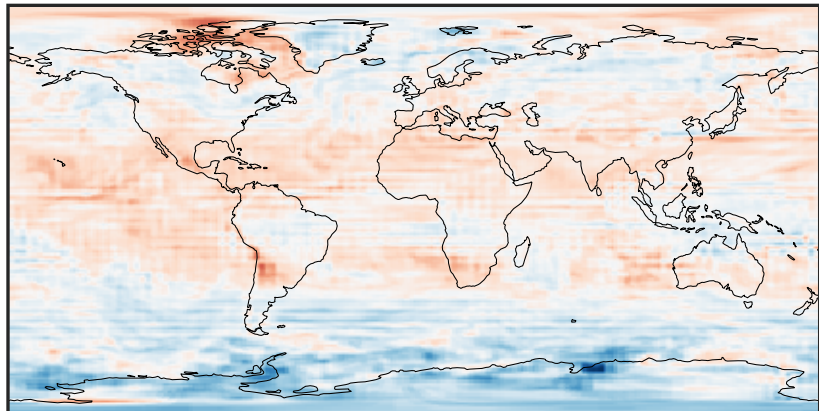
56.47 62.10 67.72 73.34 78.96
ppb

GCHP 14.2.2 using wind (Dev)
c180



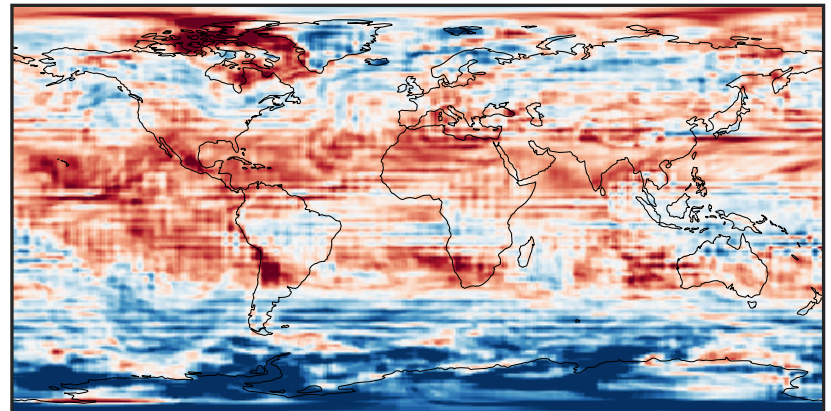
56.47 62.10 67.72 73.34 78.96
ppb

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



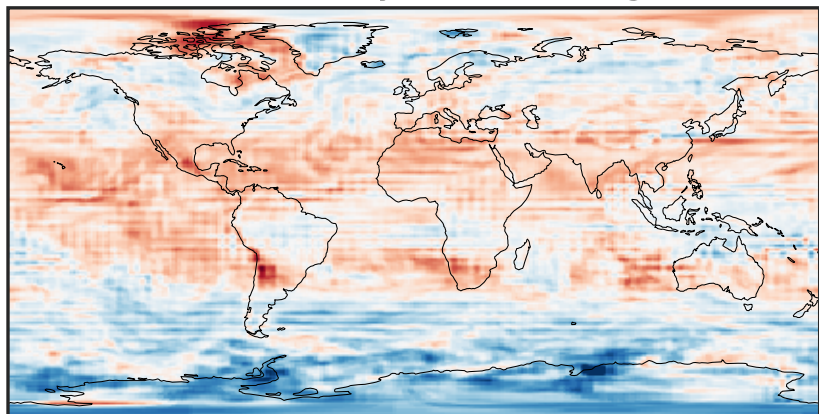
-8.69 -4.35 0.00 4.35 8.69
ppb

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



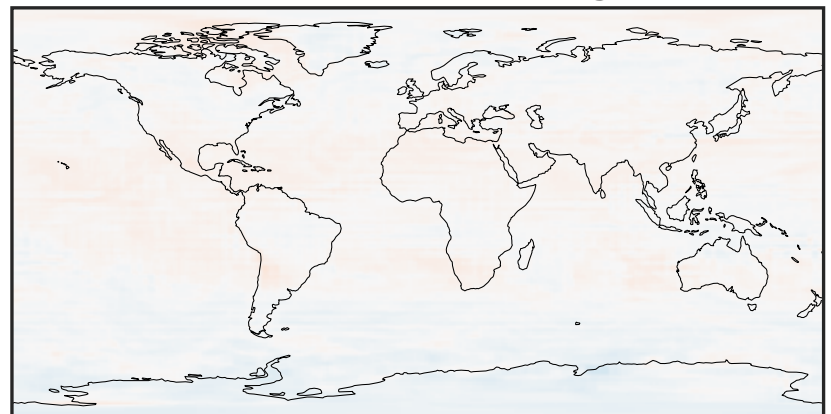
-3.0 -1.5 0.0 1.5 3.0
ppb

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



0.9191 0.9595 1.0000 1.0440 1.0881
unitless

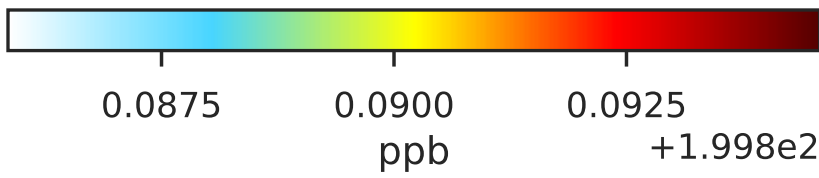
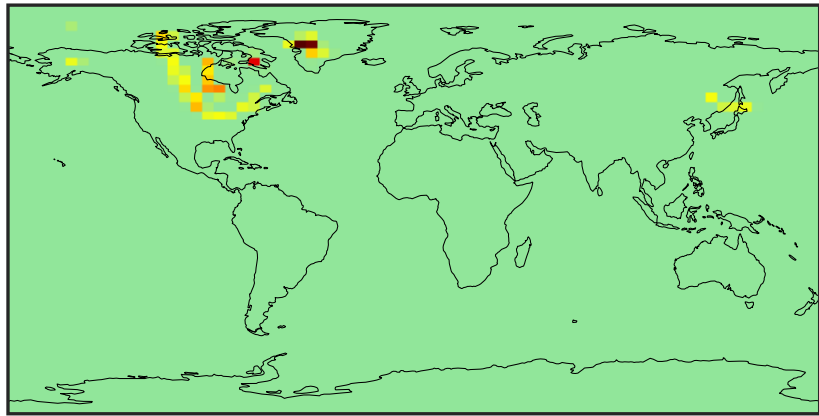
Ratio (1x1.25)
Dev/Ref, Fixed Range



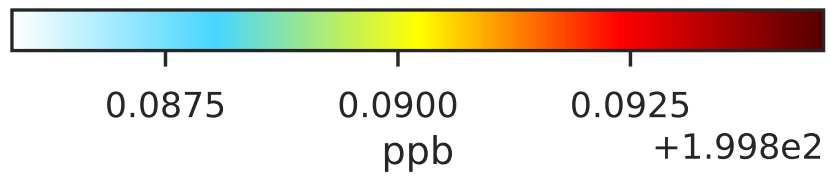
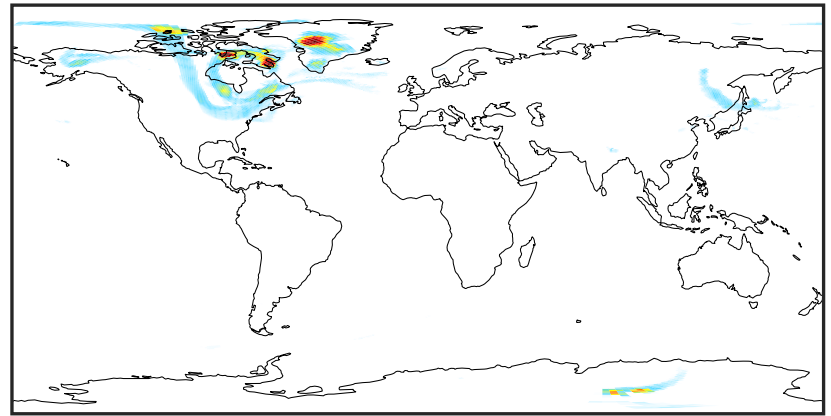
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_st80_25 (Jan2019)

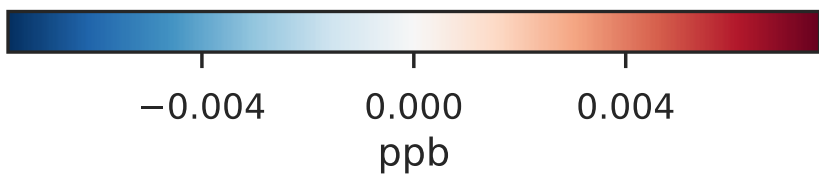
GCC 14.2.2 (Ref)
4.0x5.0



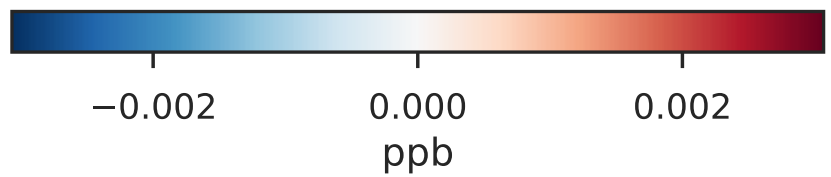
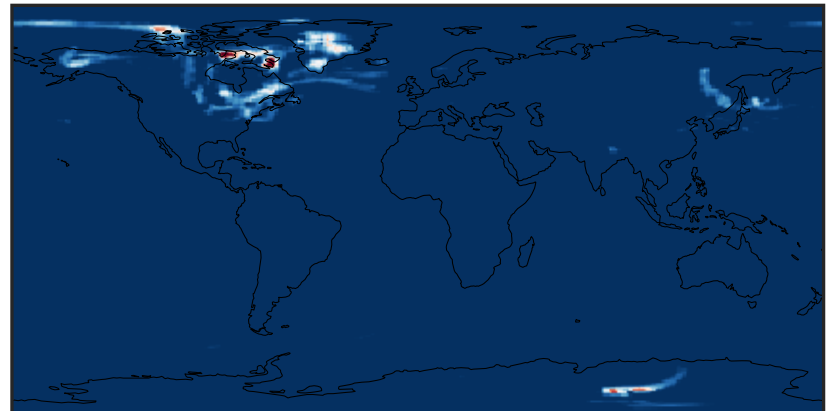
GCHP 14.2.2 using wind (Dev)
c180



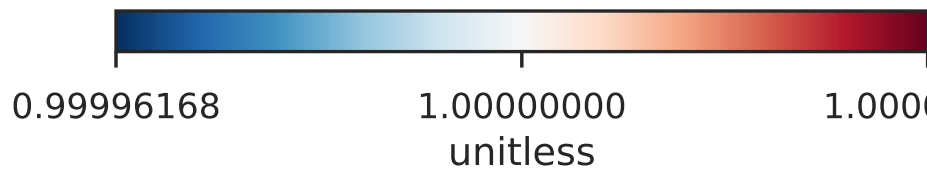
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

