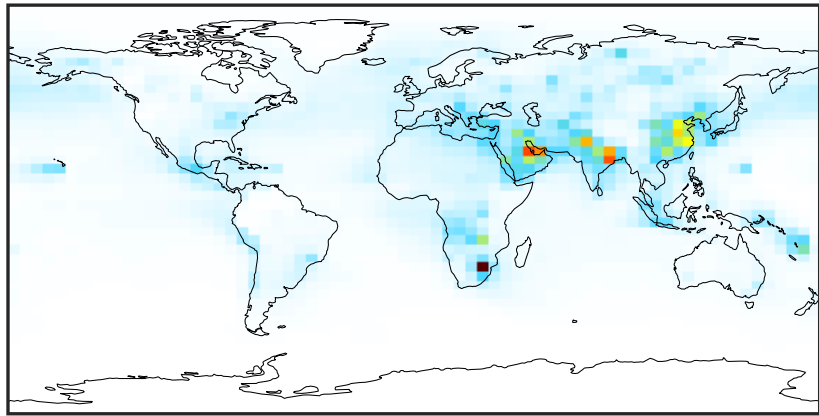


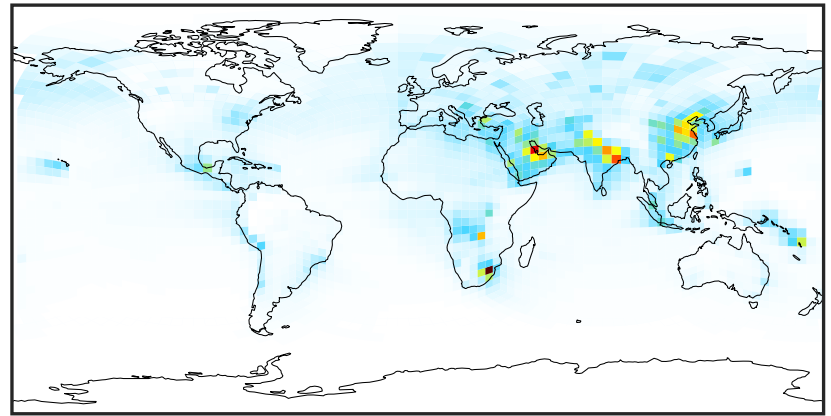
SpeciesConcVV_SOx (Jul2019)

GCC_14.2.0 (Ref)
4.0x5.0



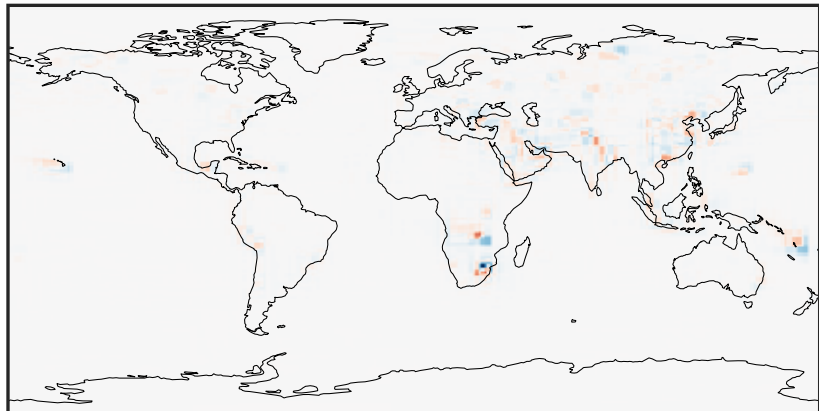
0.01 2.83 5.65 8.48 11.32
ppb

GCHP_14.2.0 (Dev)
c24



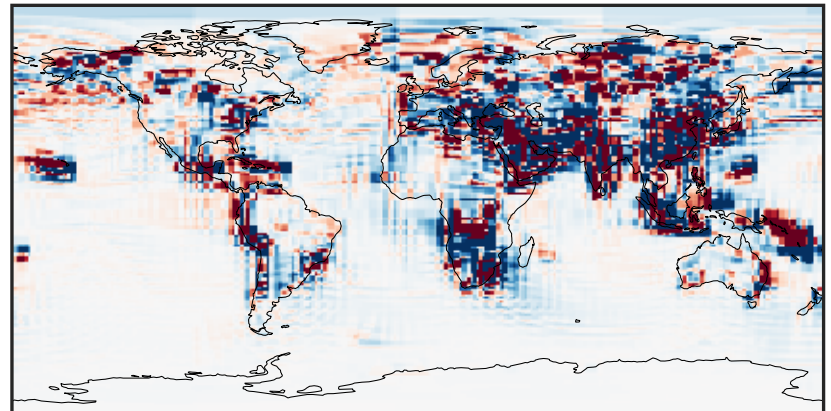
0.01 2.83 5.65 8.48 11.32
ppb

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



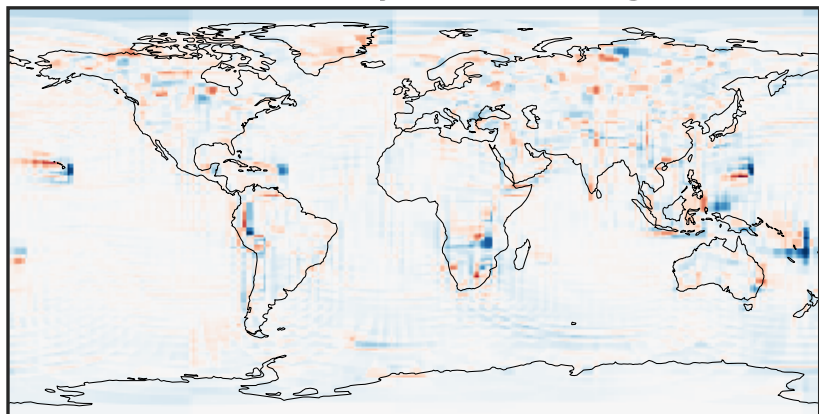
-8.6 -4.3 0.0 4.3 8.6
ppb

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



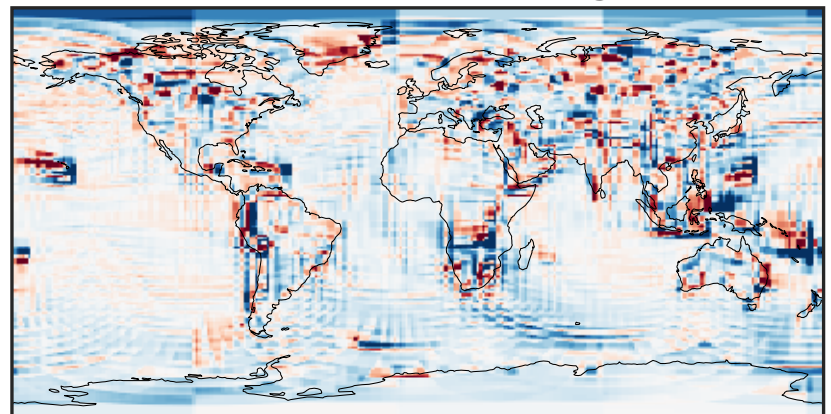
-0.1664 -0.0832 0.0000 0.0832 0.1664
ppb

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



1e-01 1 10
unitless

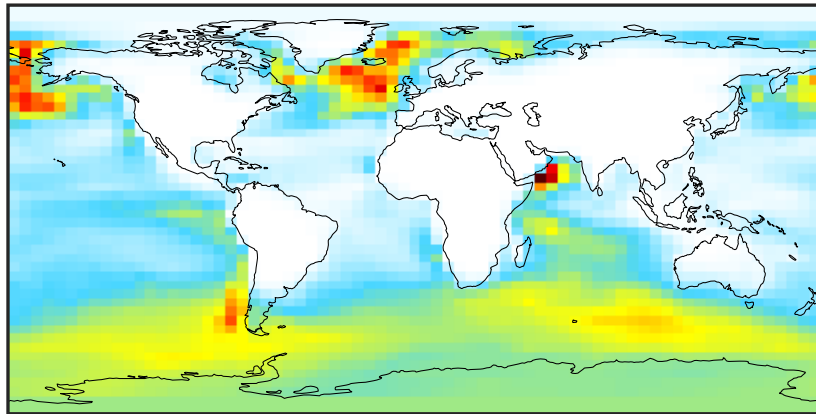
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

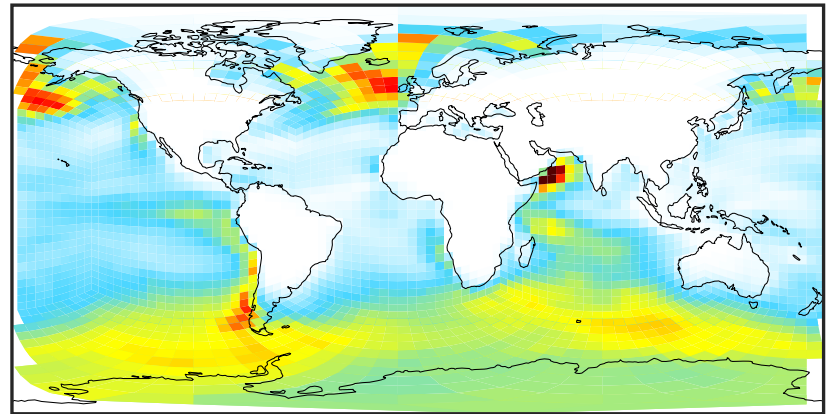
SpeciesConcVV_DMS (Jul2019)

GCC_14.2.0 (Ref)
4.0x5.0



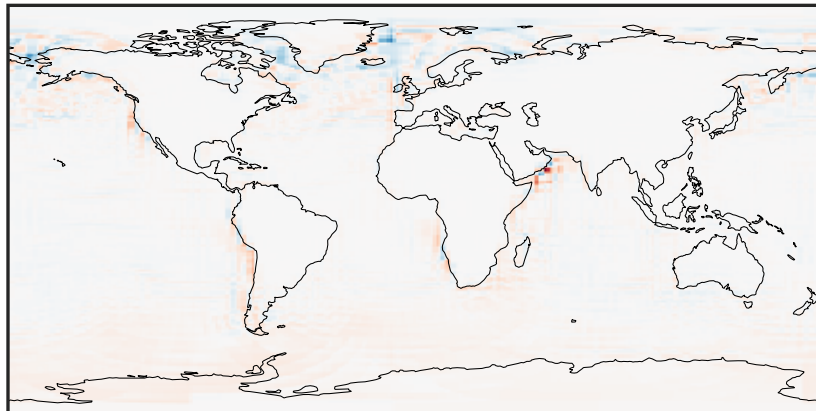
0.0000 0.1334 0.2667 0.4001 0.5334
ppb

GCHP_14.2.0 (Dev)
c24



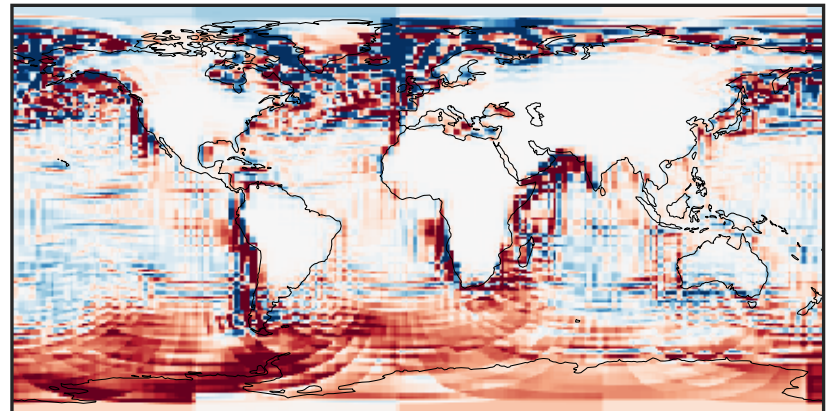
0.0000 0.1334 0.2667 0.4001 0.5334
ppb

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



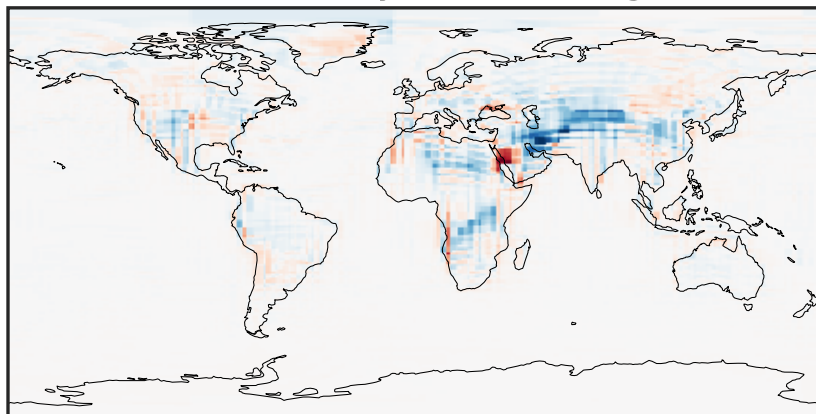
-0.4431 -0.2216 0.0000 0.2216 0.4431
ppb

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



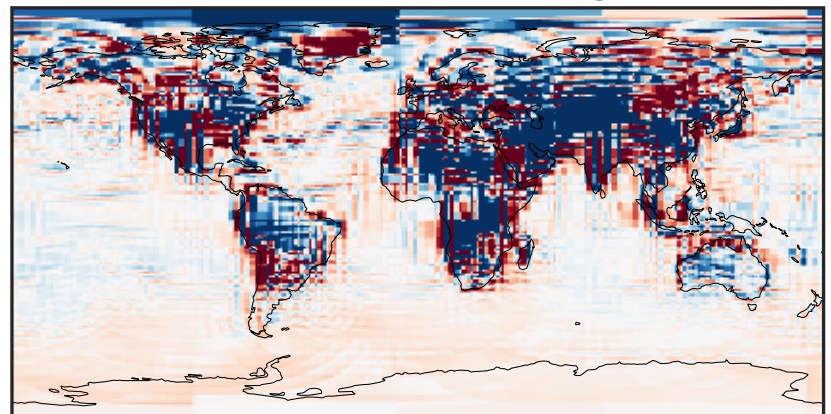
-0.015 0.000 0.015
ppb

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



unitless

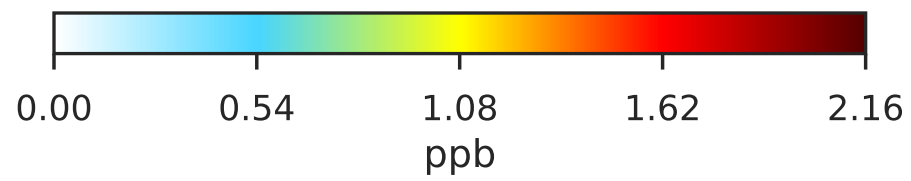
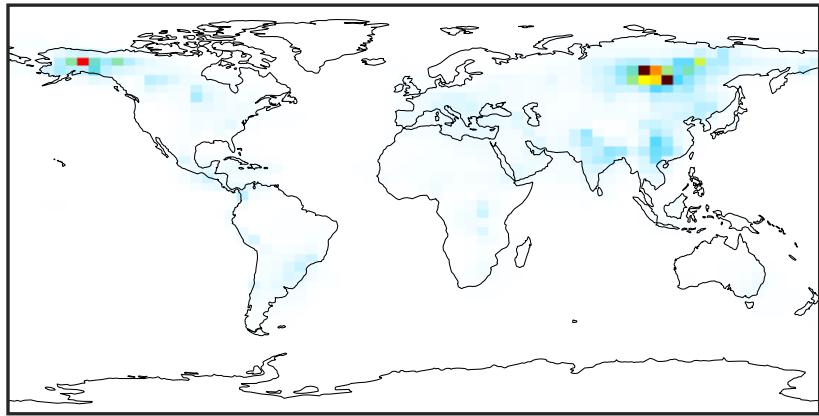
Ratio (1x1.25)
Dev/Ref, Fixed Range



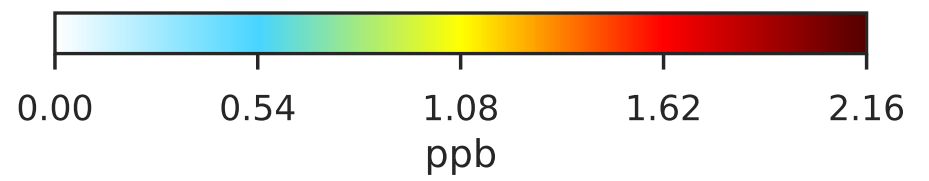
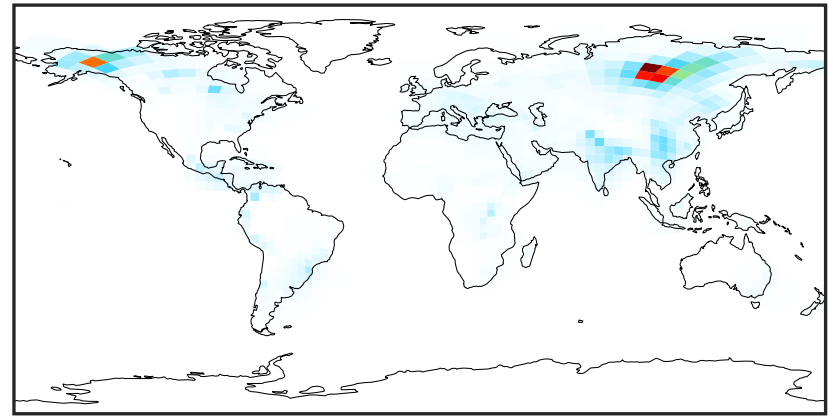
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_HMS (Jul2019)

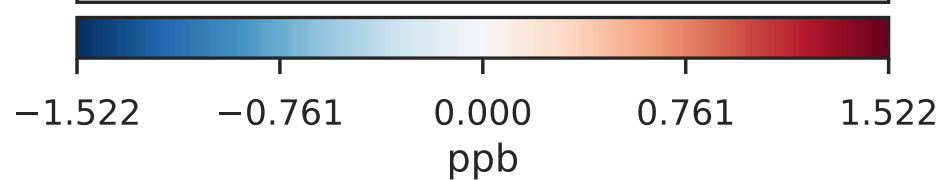
GCC_14.2.0 (Ref)
4.0x5.0



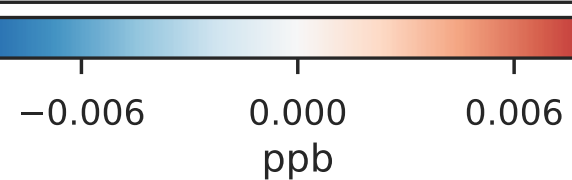
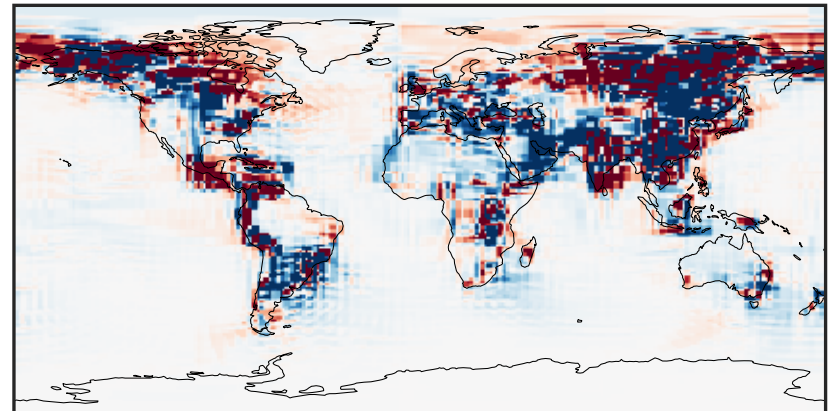
GCHP_14.2.0 (Dev)
c24



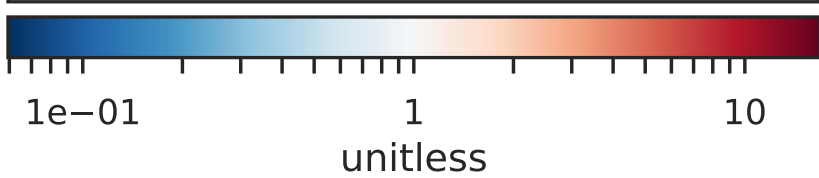
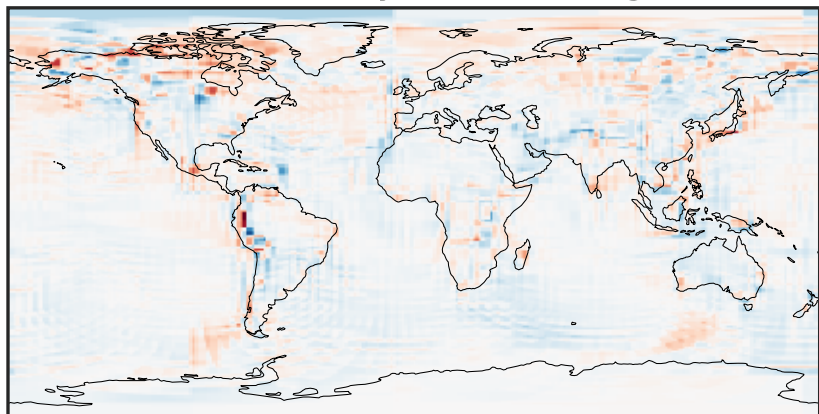
Difference (1x1.25)
Dev - Ref, Dynamic Range



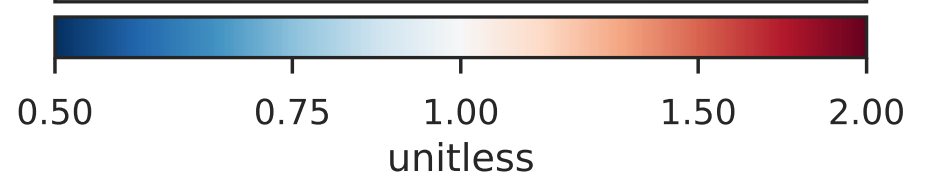
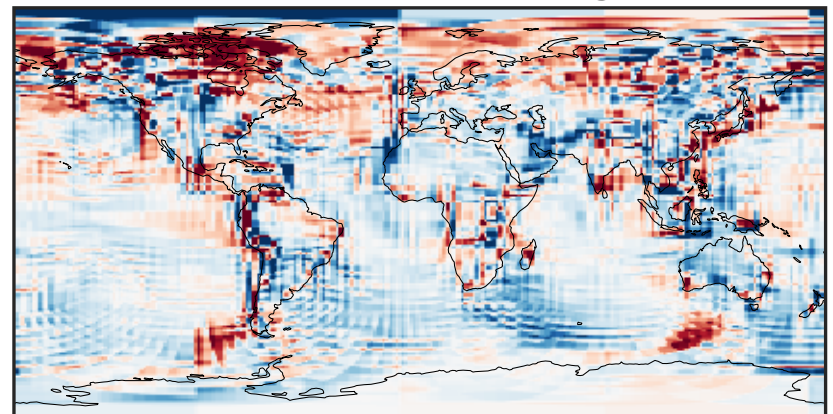
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

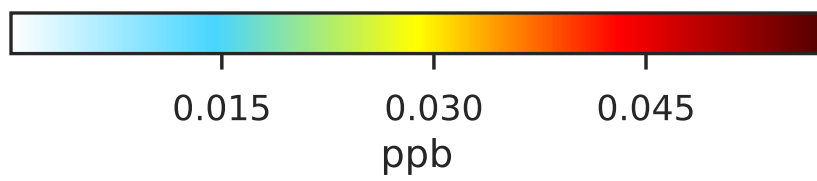
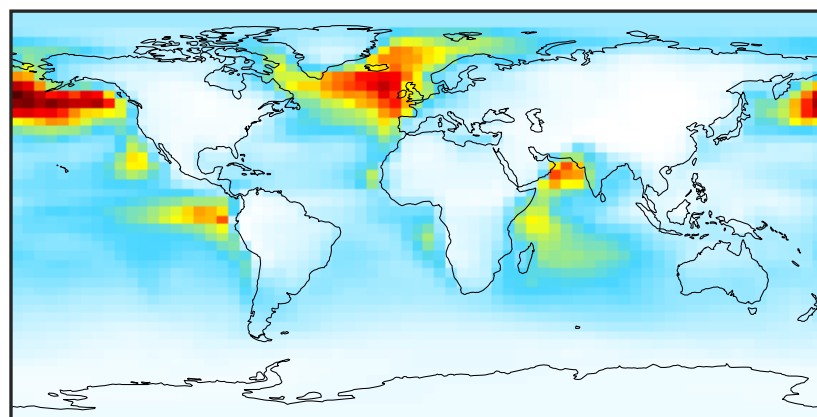


Ratio (1x1.25)
Dev/Ref, Fixed Range

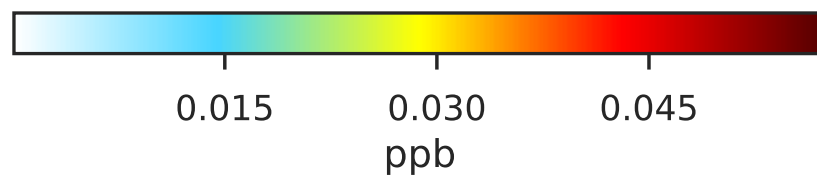
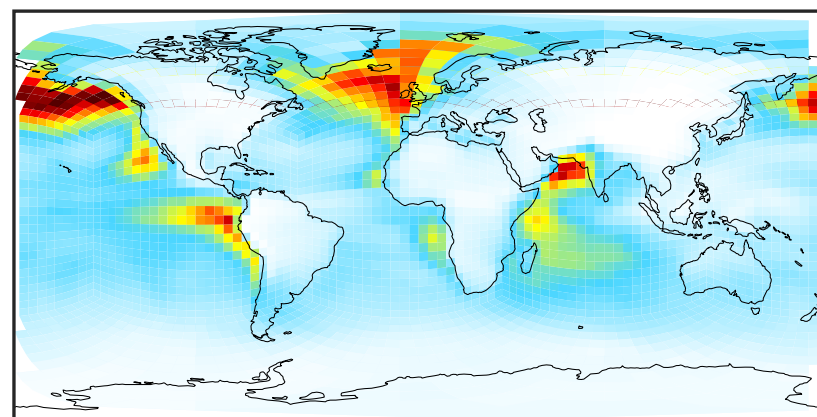


SpeciesConcVV_MSA (Jul2019)

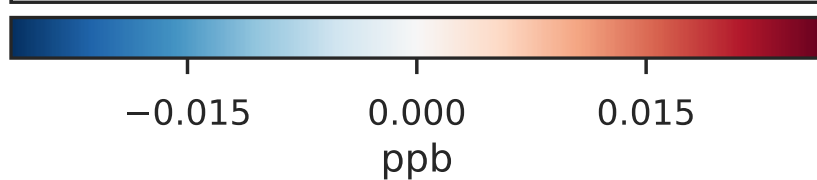
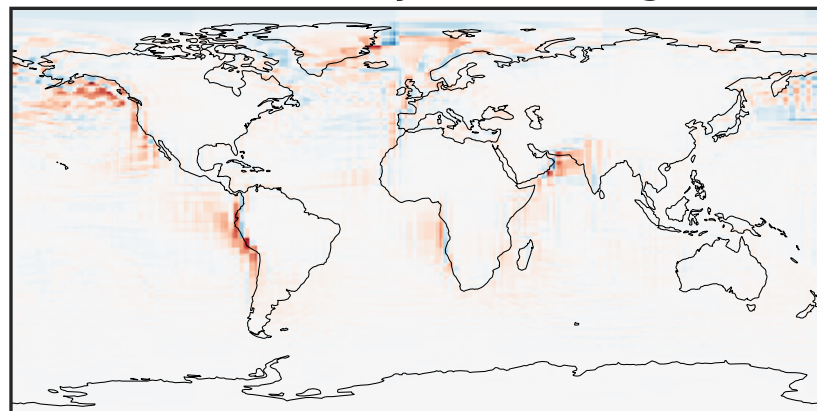
GCC_14.2.0 (Ref)
4.0x5.0



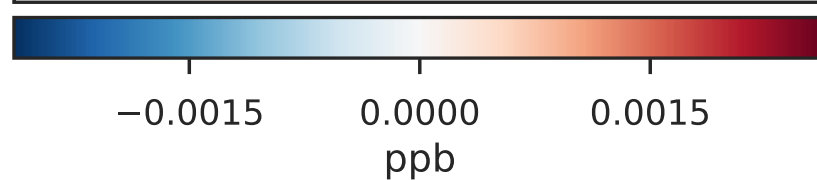
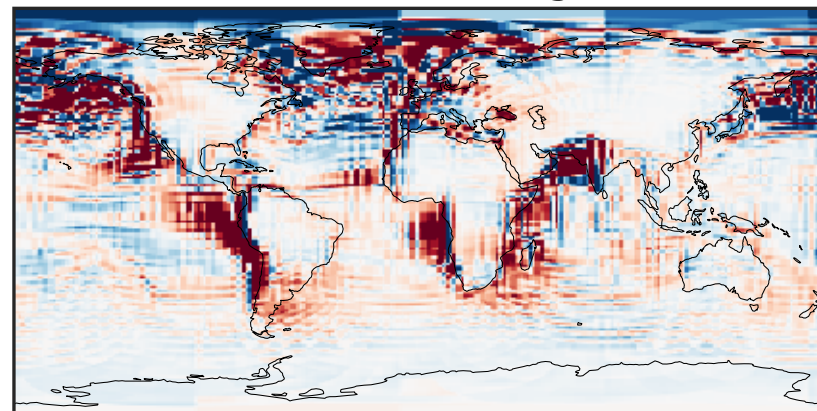
GCHP_14.2.0 (Dev)
c24



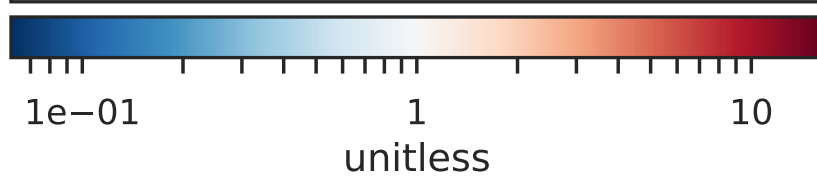
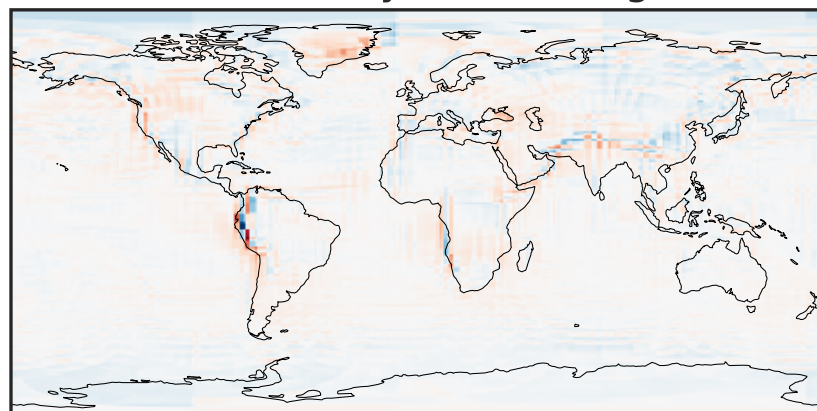
Difference (1x1.25)
Dev - Ref, Dynamic Range



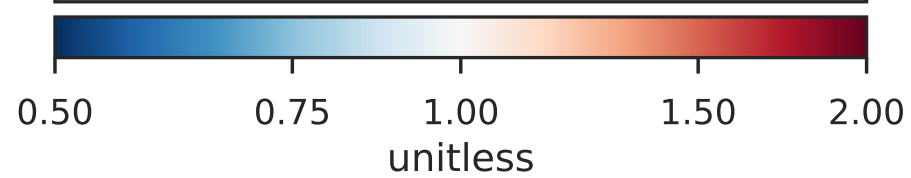
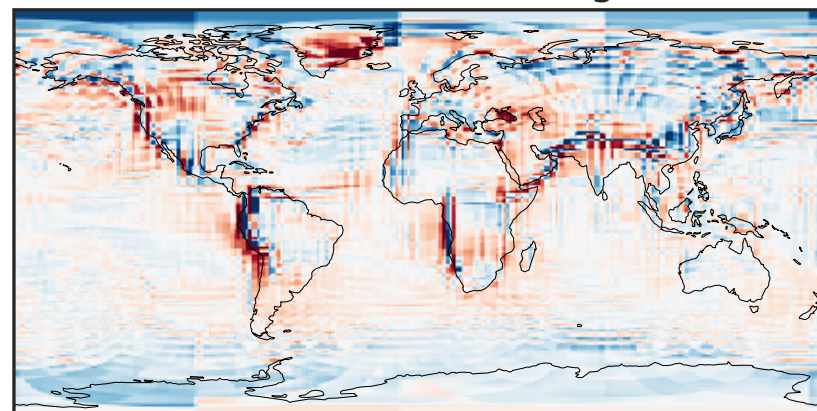
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

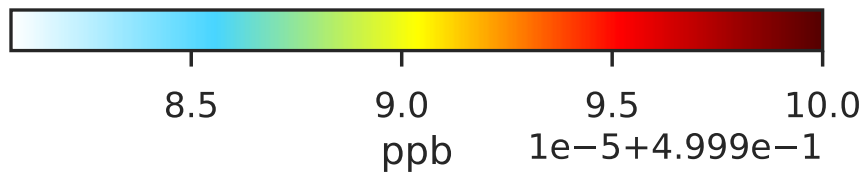
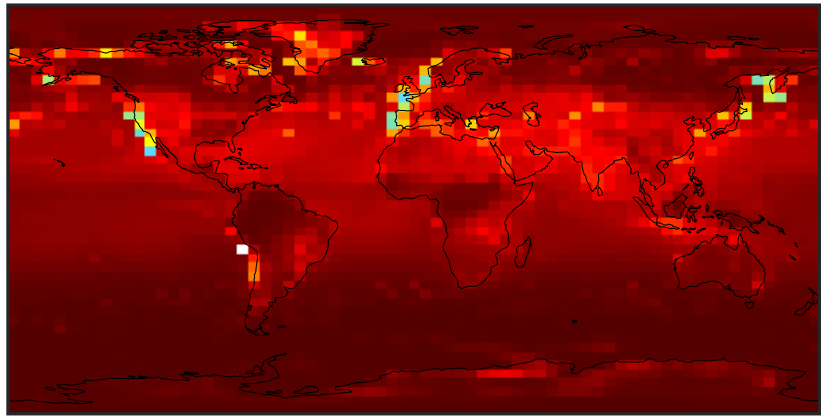


Ratio (1x1.25)
Dev/Ref, Fixed Range

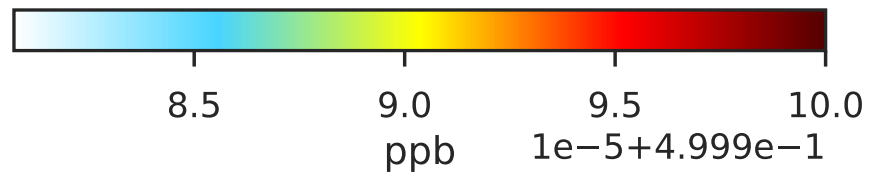
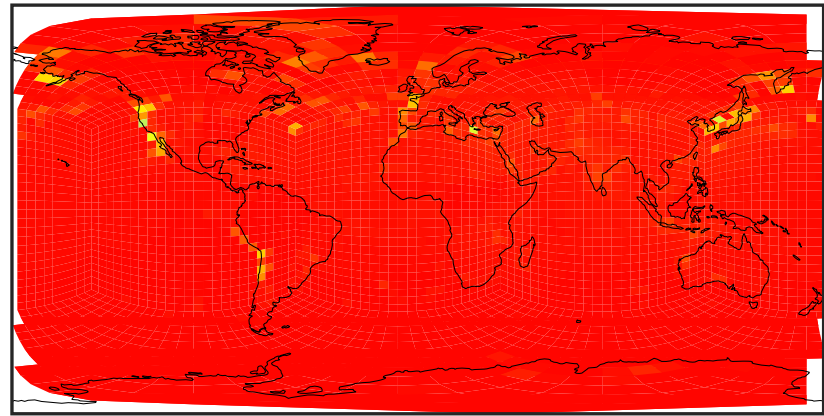


SpeciesConcVV_OCS (Jul2019)

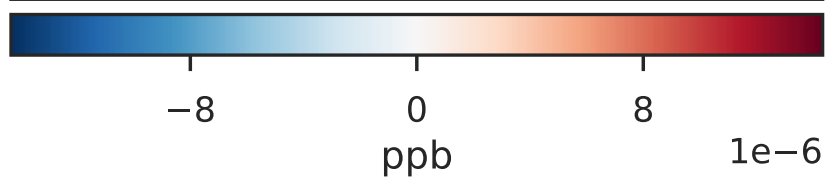
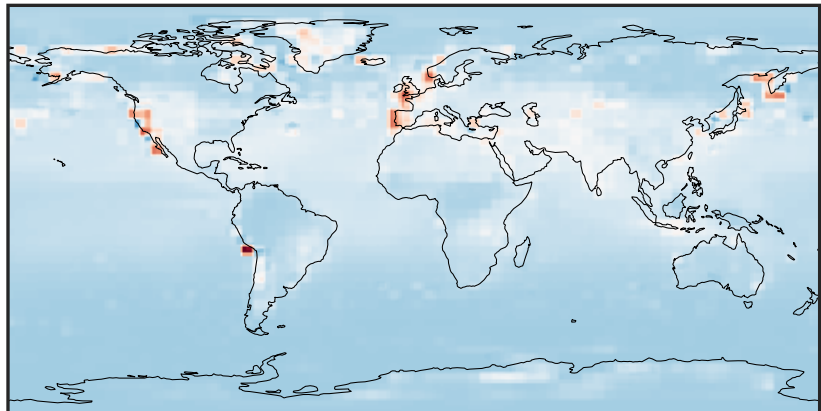
GCC_14.2.0 (Ref)
4.0x5.0



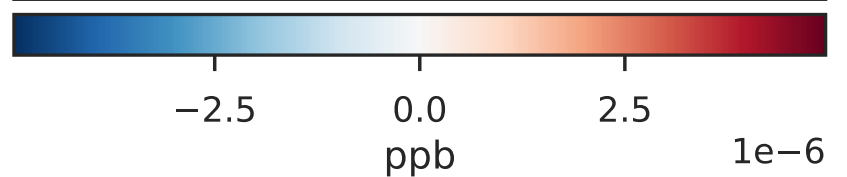
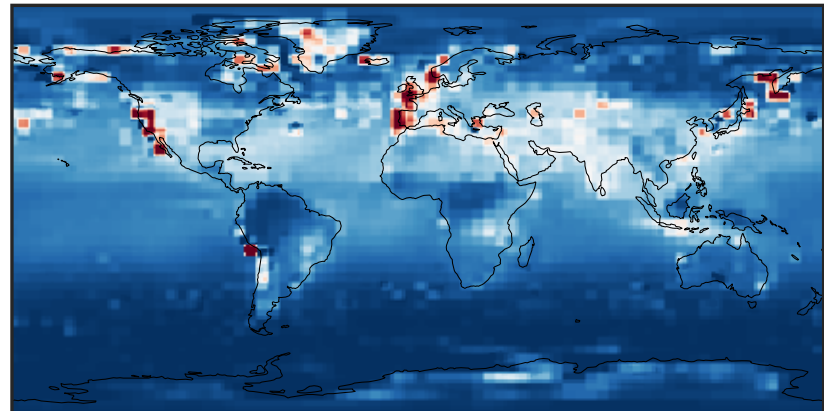
GCHP_14.2.0 (Dev)
c24



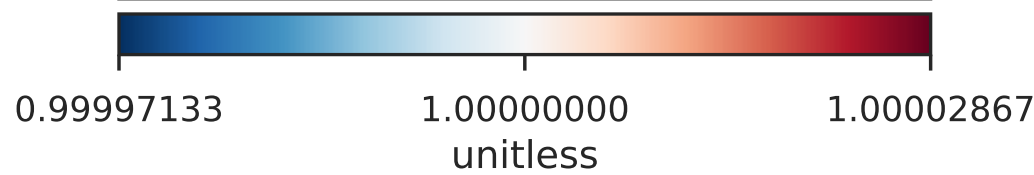
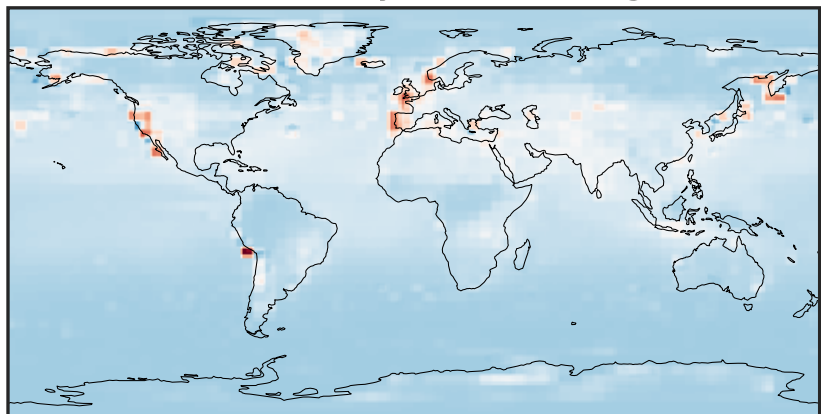
Difference (1x1.25)
Dev - Ref, Dynamic Range



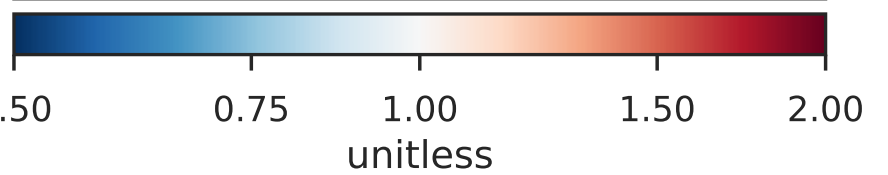
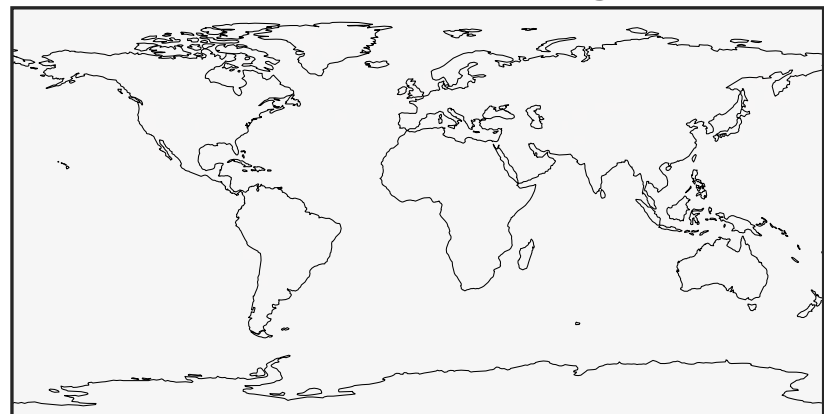
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

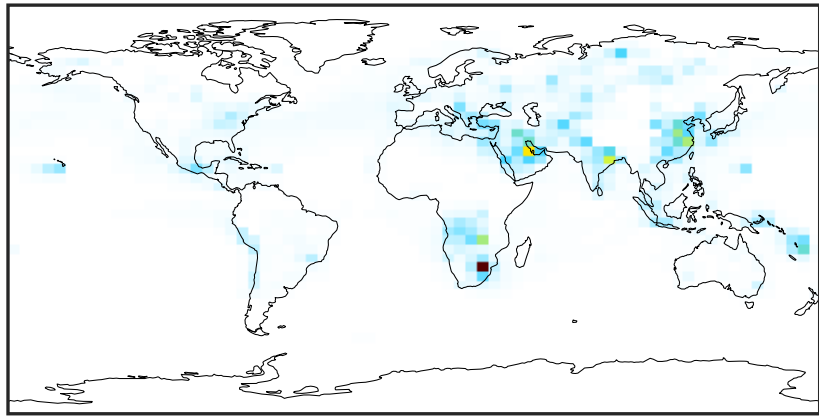


Ratio (1x1.25)
Dev/Ref, Fixed Range



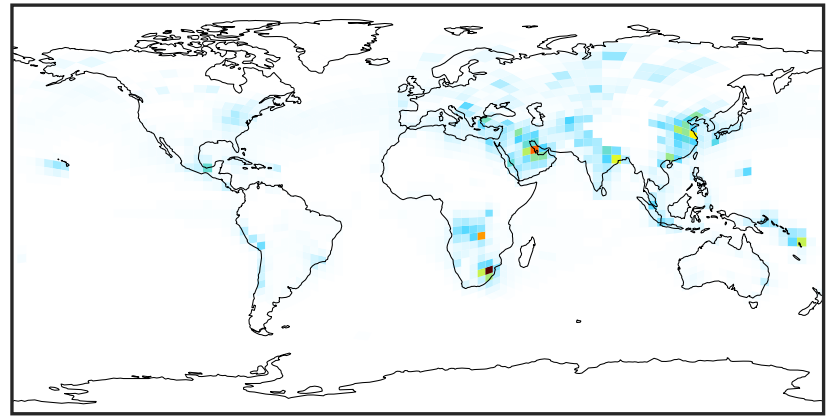
SpeciesConcVV_SO2 (Jul2019)

GCC_14.2.0 (Ref)
4.0x5.0



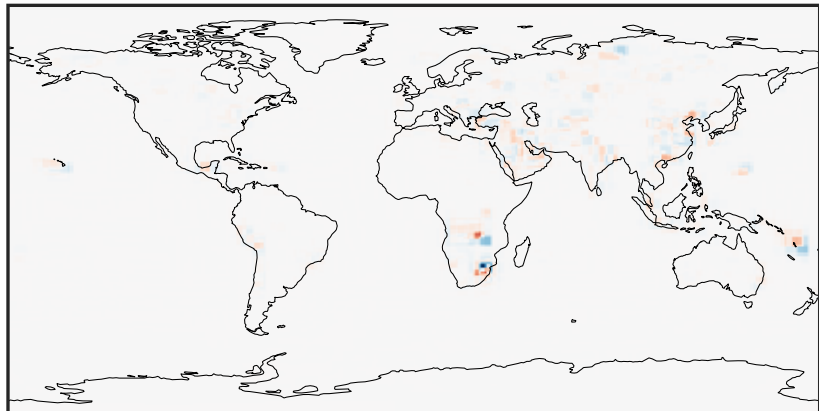
0.00 2.48 4.96 7.44 9.92
ppb

GCHP_14.2.0 (Dev)
c24



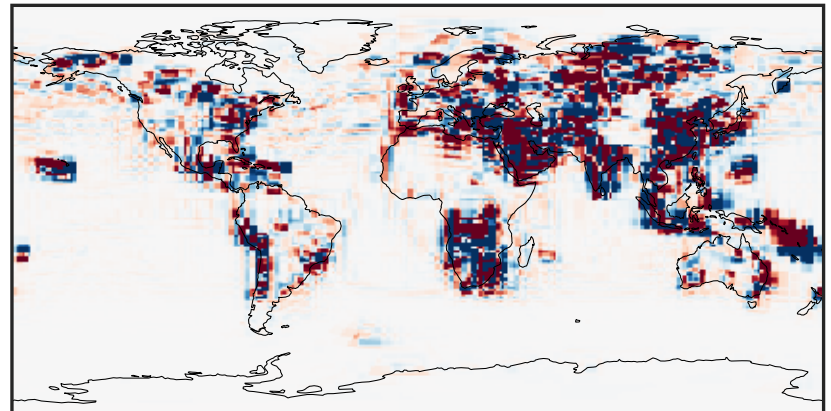
0.00 2.48 4.96 7.44 9.92
ppb

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



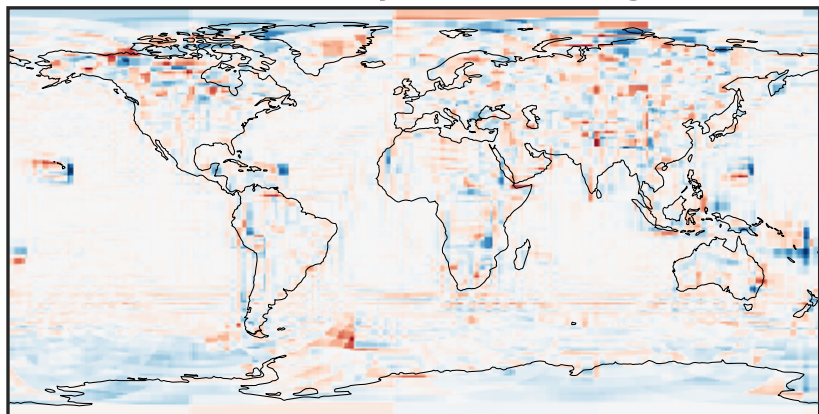
-7.86 -3.93 0.00 3.93 7.86
ppb

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



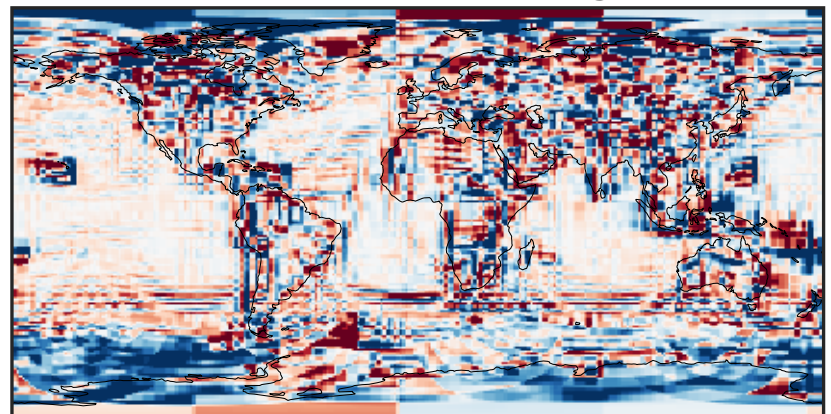
-0.0883 -0.0442 0.0000 0.0442 0.0883
ppb

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



1e-01 1 10
unitless

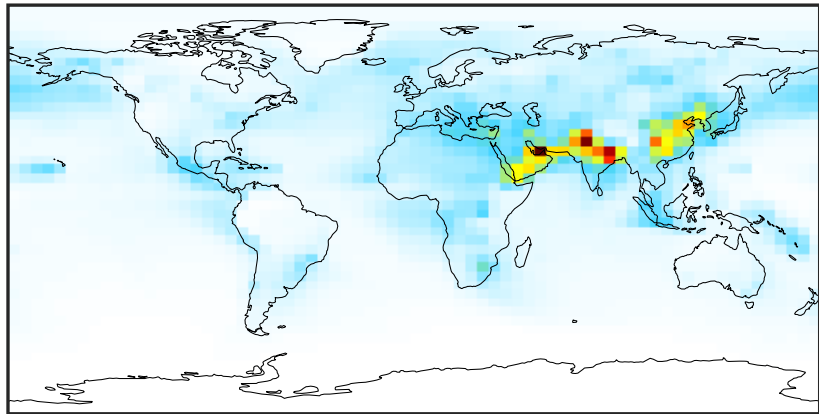
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

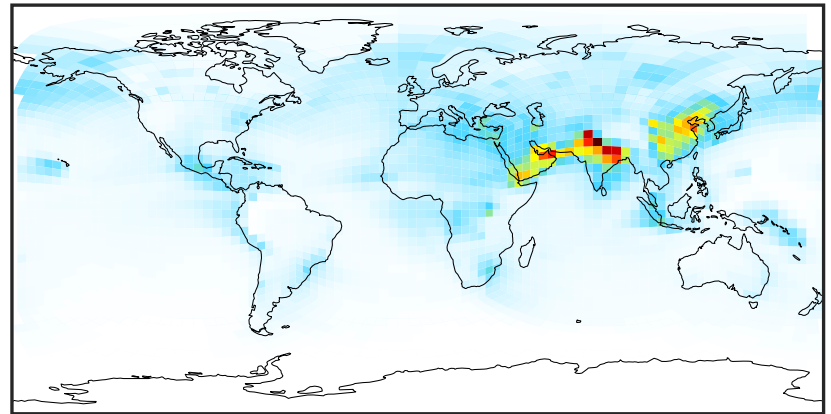
SpeciesConcVV_SO4 (Jul2019)

GCC_14.2.0 (Ref)
4.0x5.0



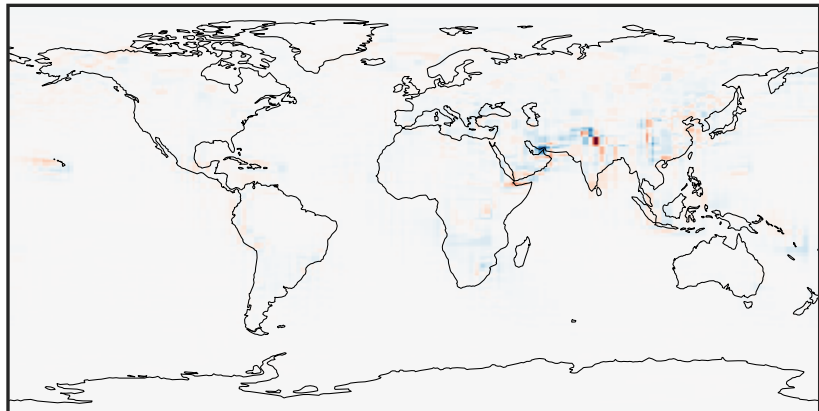
0.009 1.133 2.266 3.400 4.542
ppb

GCHP_14.2.0 (Dev)
c24



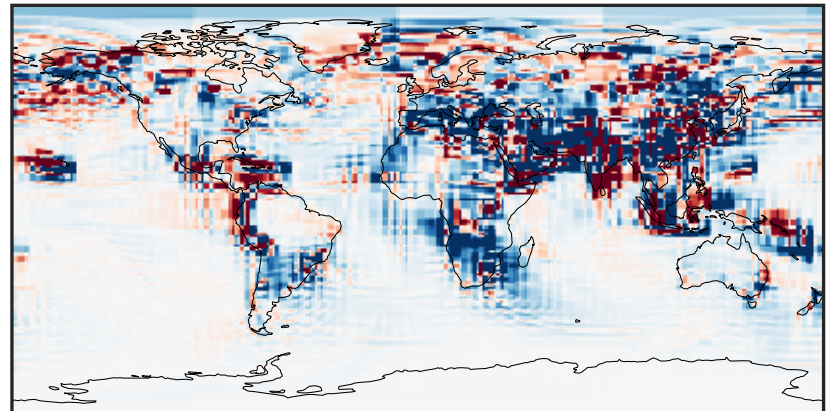
0.009 1.133 2.266 3.400 4.542
ppb

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



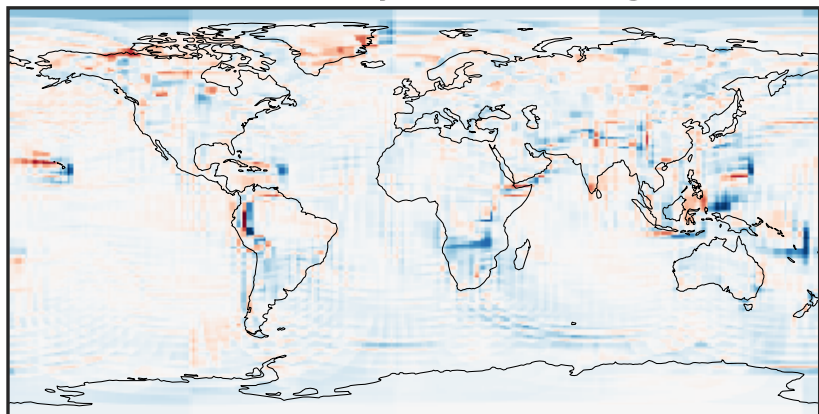
-2.698 -1.349 0.000 1.349 2.698
ppb

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



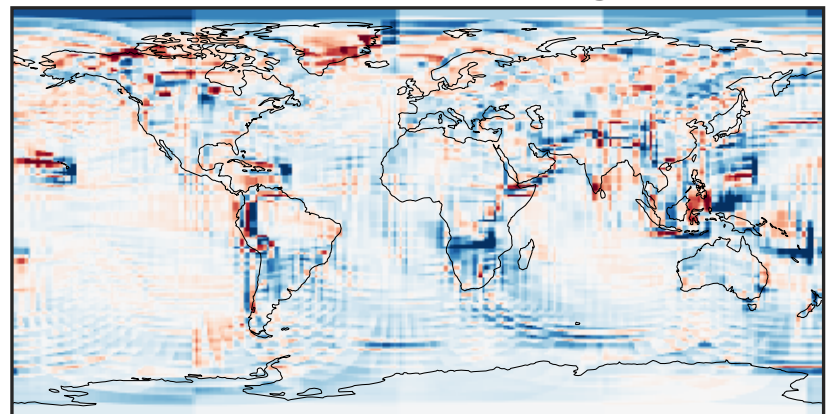
-0.1025 -0.0513 0.0000 0.0513 0.1025
ppb

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



0.227 0.613 1.000 2.705 4.410
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless