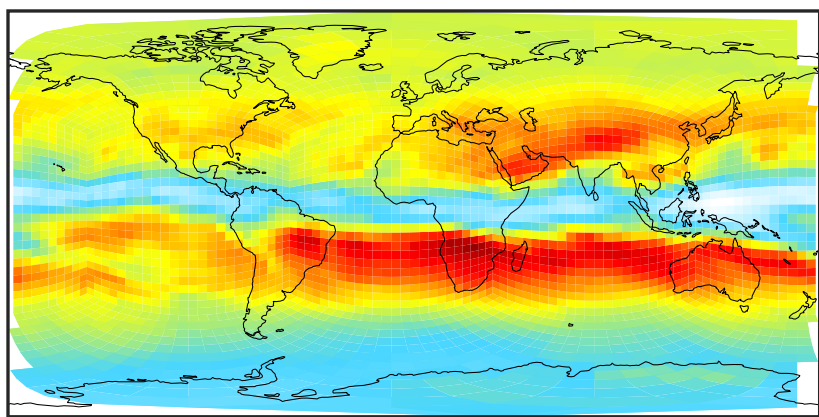


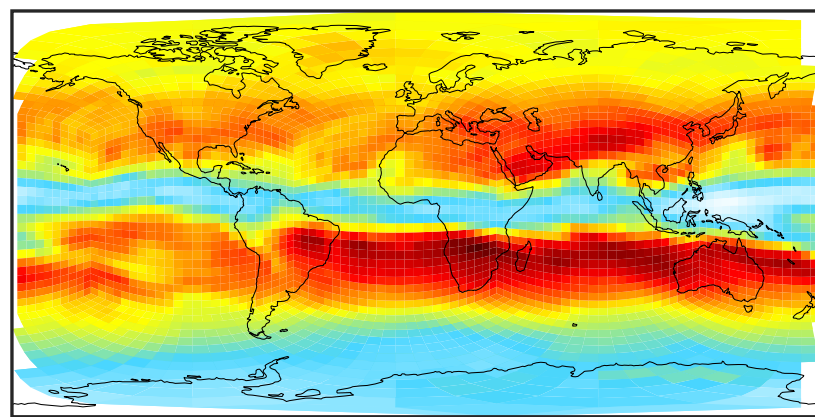
SpeciesConcVV_03 (Oct2019)

GCHP_14.0.0 (Ref)
c24



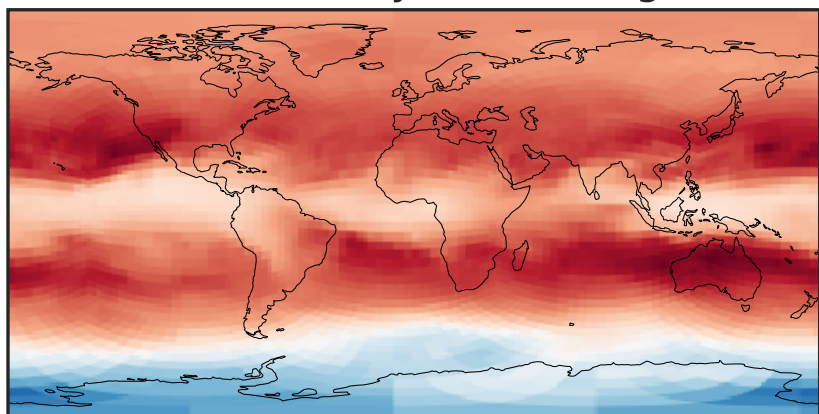
14.08 37.27 55.91 88.63
ppb

GCHP_14.2.0 (Dev)
c24



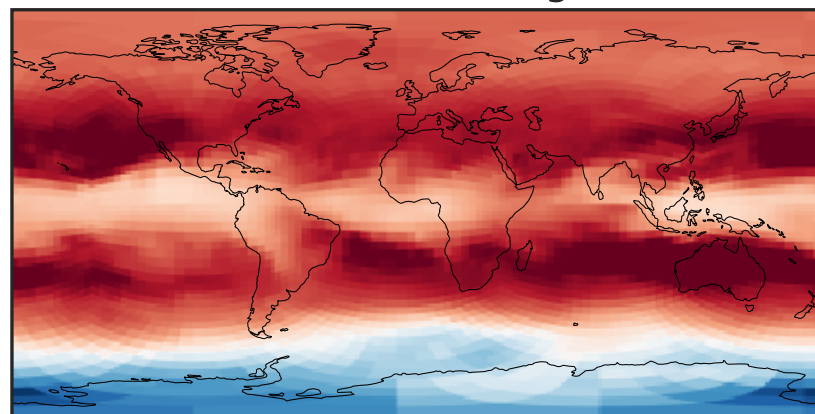
14.08 37.27 55.91 88.63
ppb

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



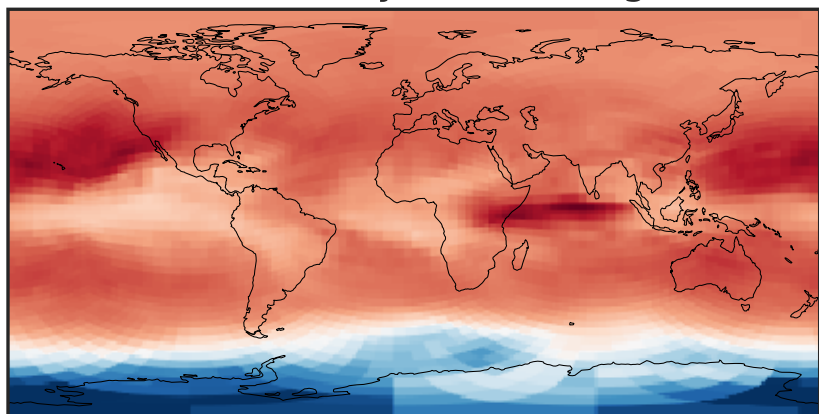
-9.56 -4.78 0.00 4.78 9.56
ppb

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



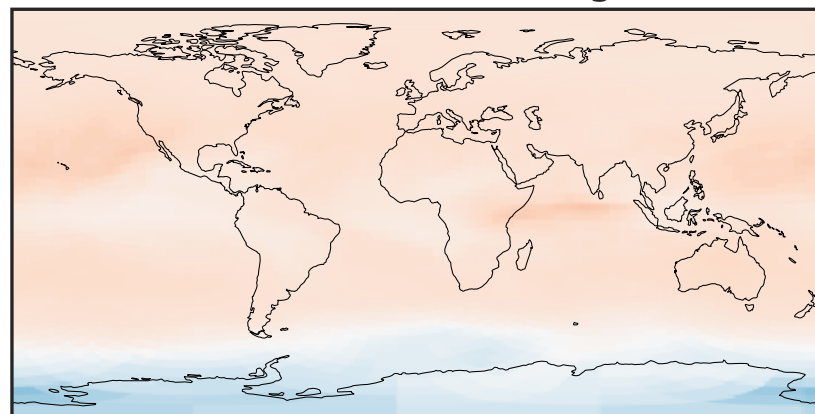
-7.62 -3.81 0.00 3.81 7.62
ppb

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



0.8306 0.9153 1.0000 1.1020 1.2039
unitless

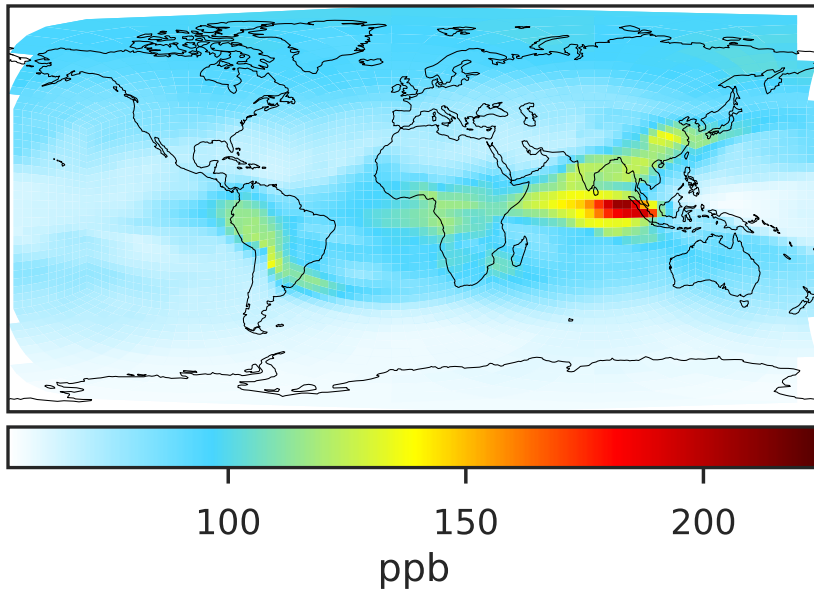
Ratio (1x1.25)
Dev/Ref, Fixed Range



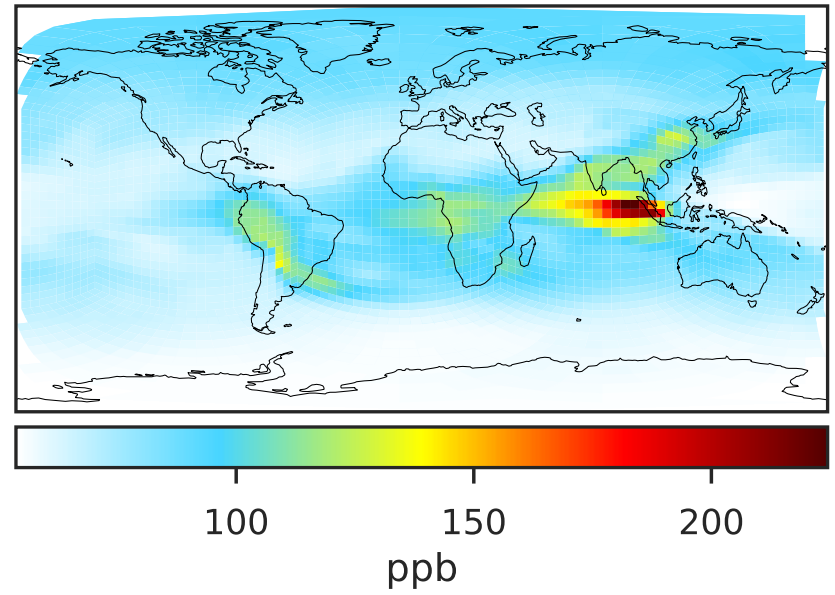
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CO (Oct2019)

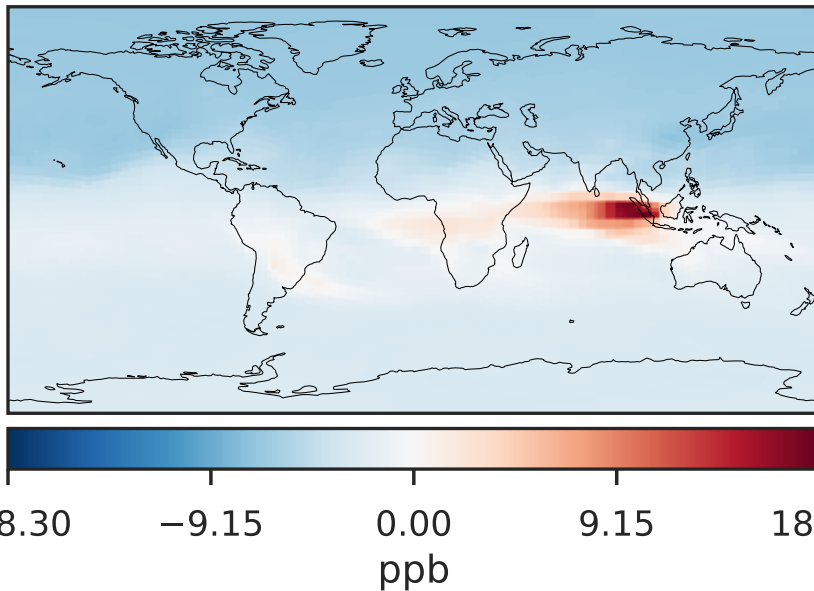
GCHP_14.0.0 (Ref)
c24



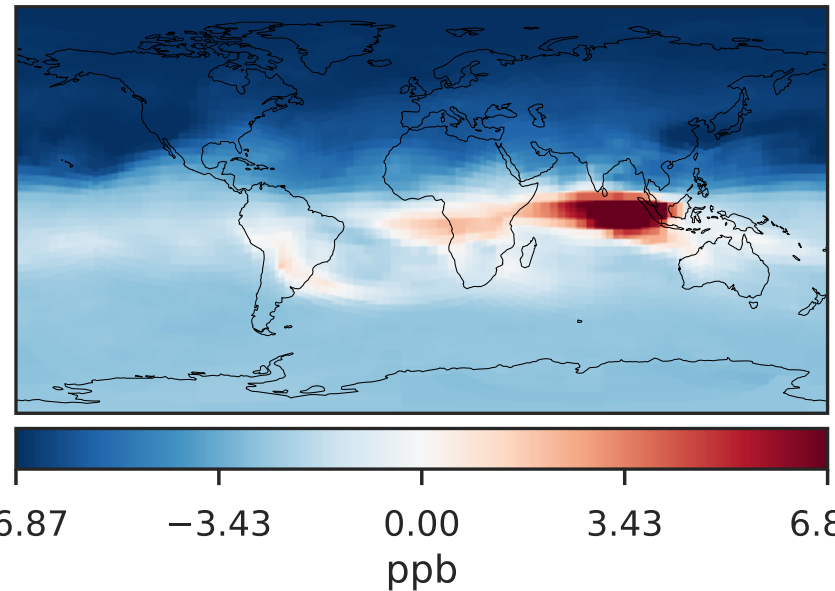
GCHP_14.2.0 (Dev)
c24



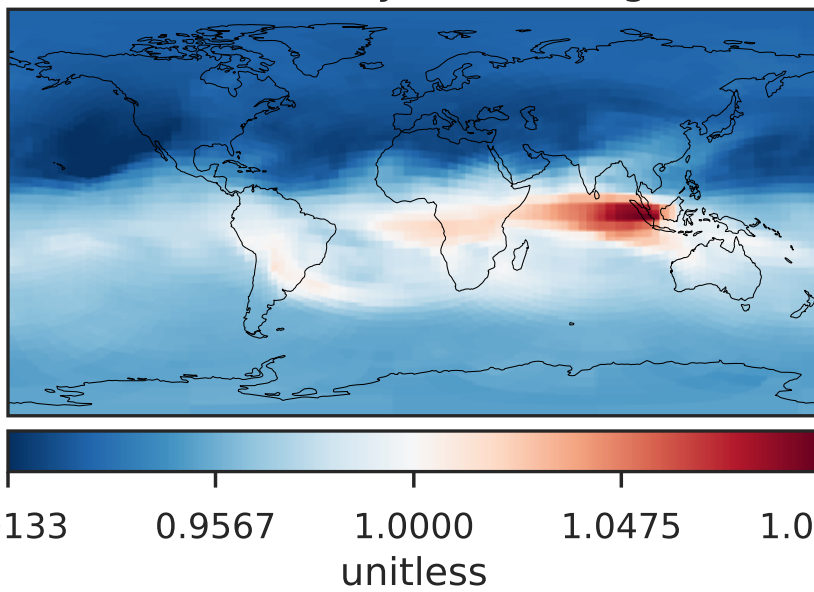
Difference (1x1.25)
Dev - Ref, Dynamic Range



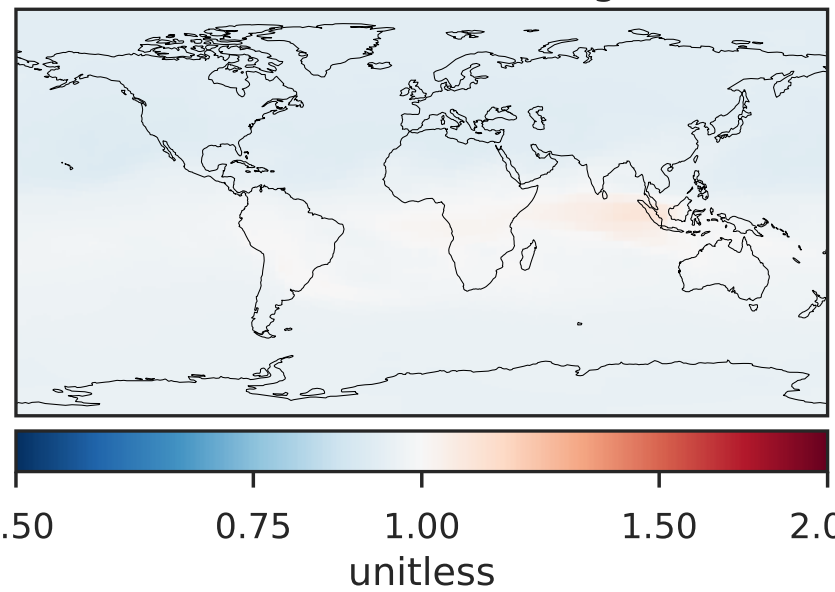
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

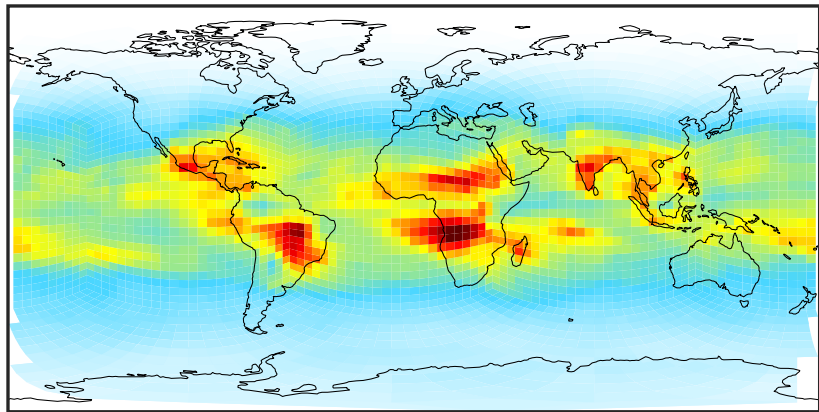


Ratio (1x1.25)
Dev/Ref, Fixed Range



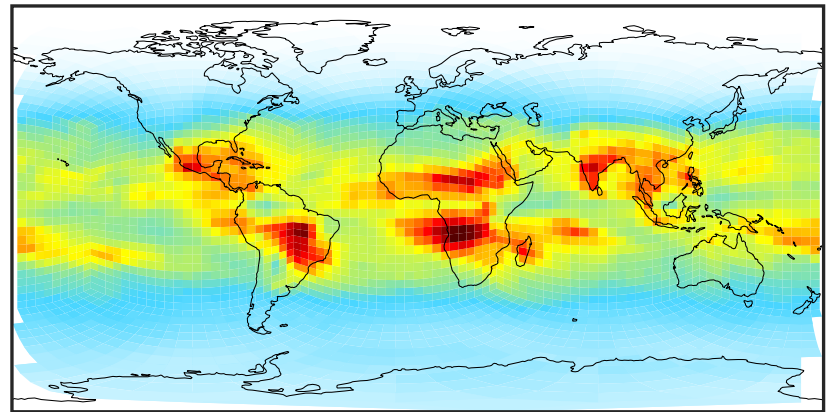
SpeciesConcVV_OH (Oct2019)

GCHP_14.0.0 (Ref)
c24



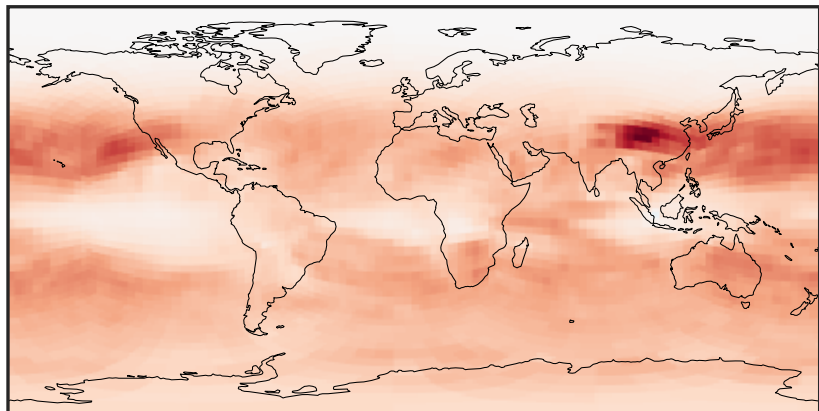
0.00008 0.00016 0.00024
ppb

GCHP_14.2.0 (Dev)
c24



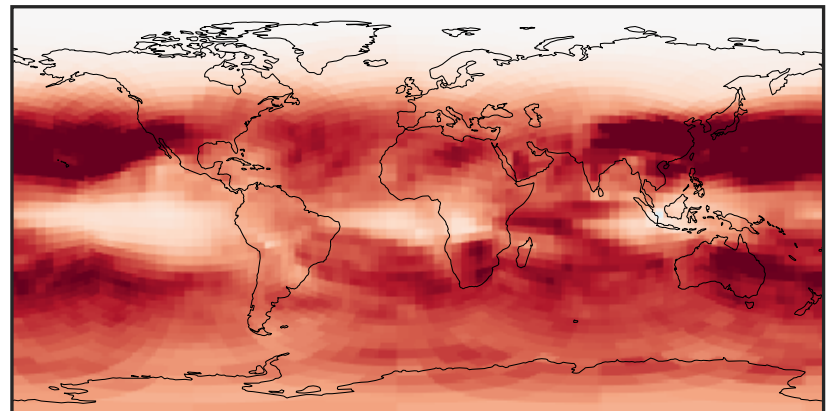
0.00008 0.00016 0.00024
ppb

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



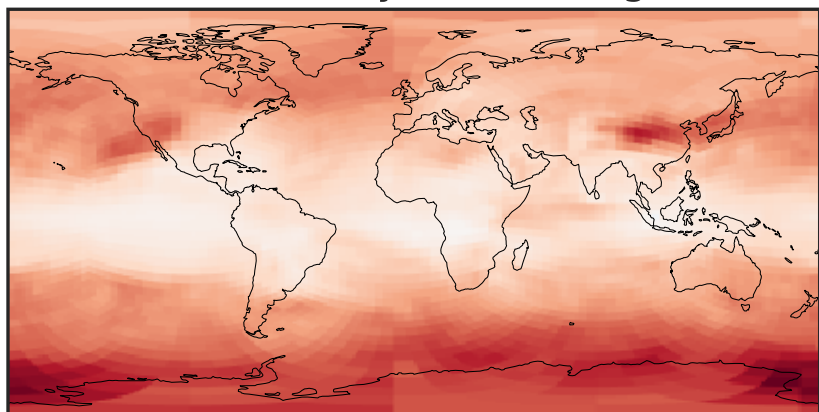
-2 0 2
ppb $1e-5$

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



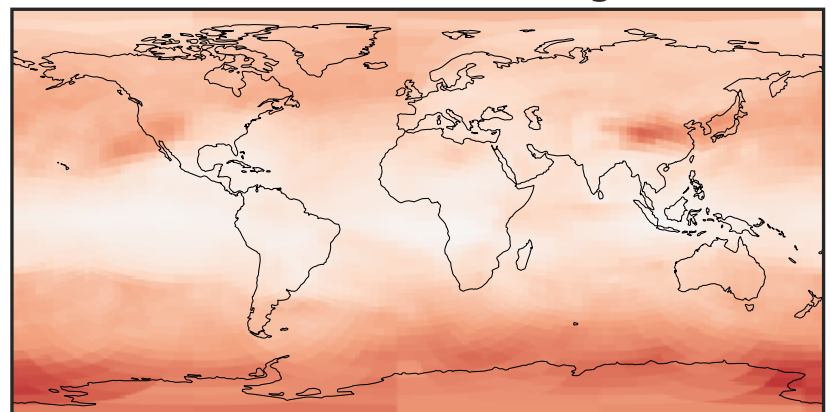
-1 0 1
ppb $1e-5$

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



0.608 0.804 1.000 1.322 1.645
unitless

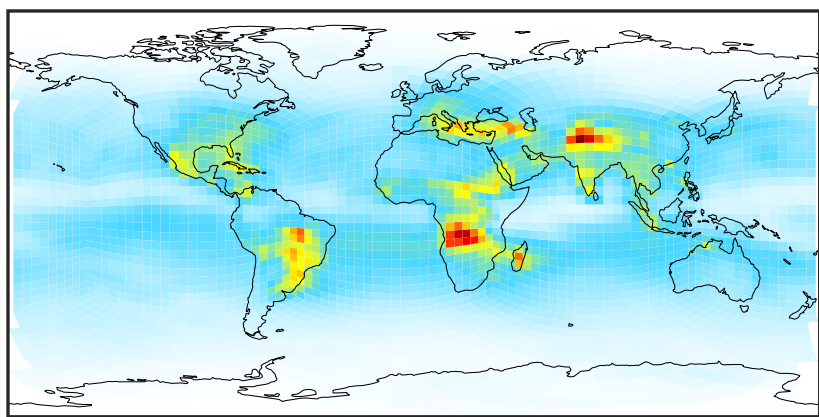
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

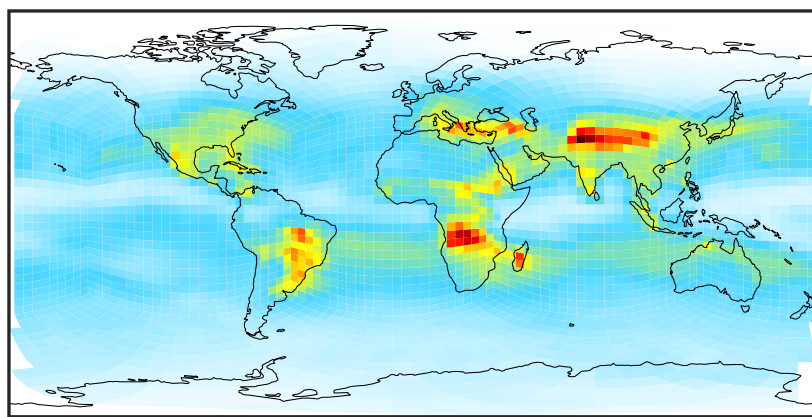
SpeciesConcVV_NOx (Oct2019)

GCHP_14.0.0 (Ref)
c24



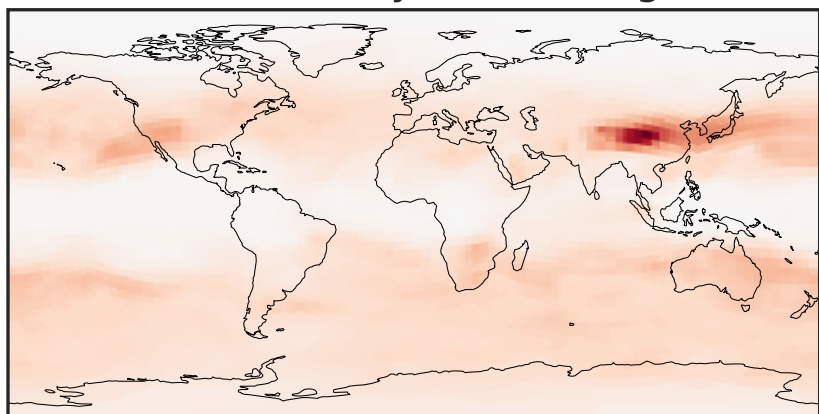
0.0015 0.0455 0.0910 0.1364 0.1834
ppb

GCHP_14.2.0 (Dev)
c24



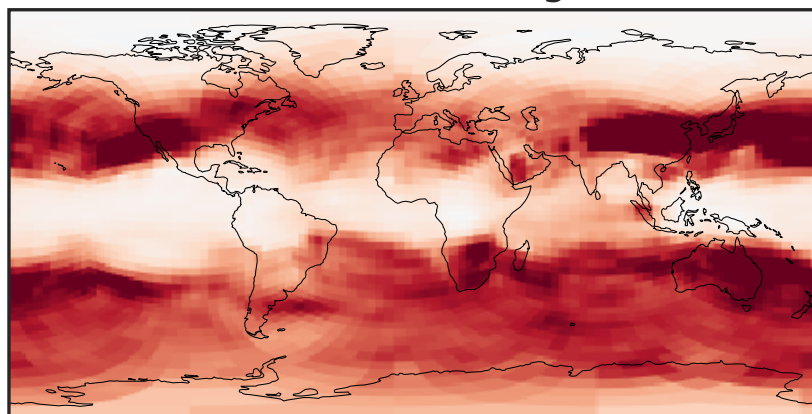
0.0015 0.0455 0.0910 0.1364 0.1834
ppb

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



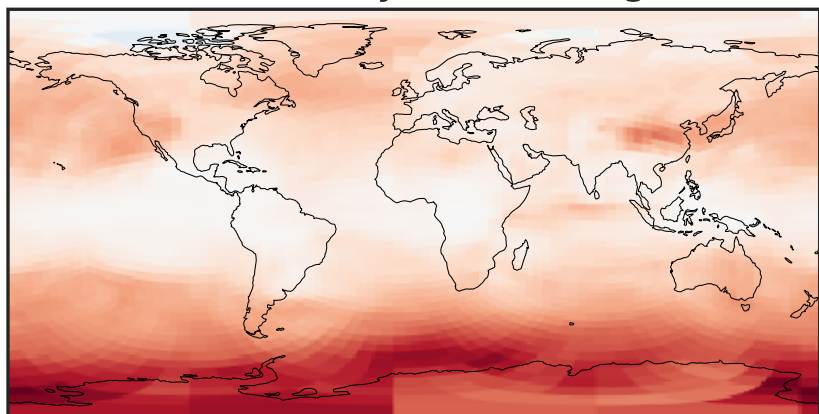
-0.0647 -0.0323 0.0000 0.0323 0.0647
ppb

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



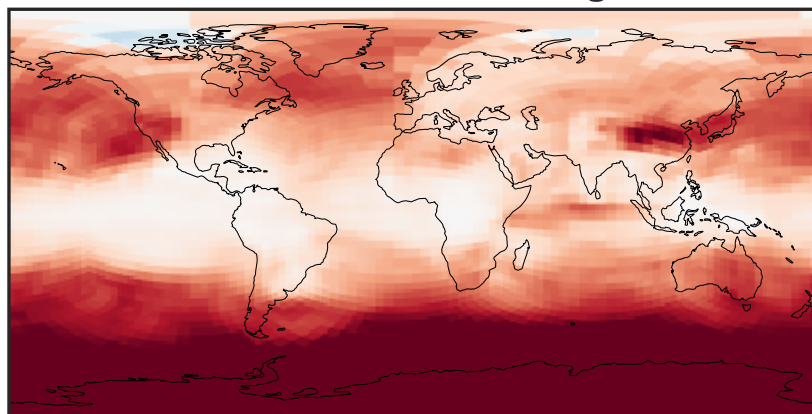
-0.01 0.00 0.01
ppb

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



0.250 0.625 1.000 2.503 4.005
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless