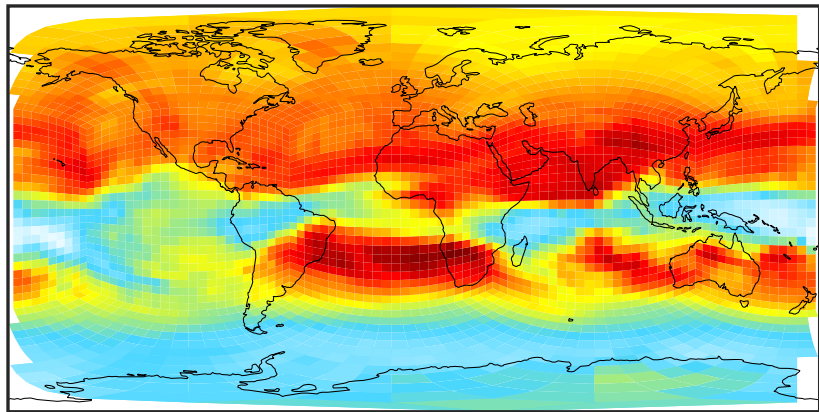


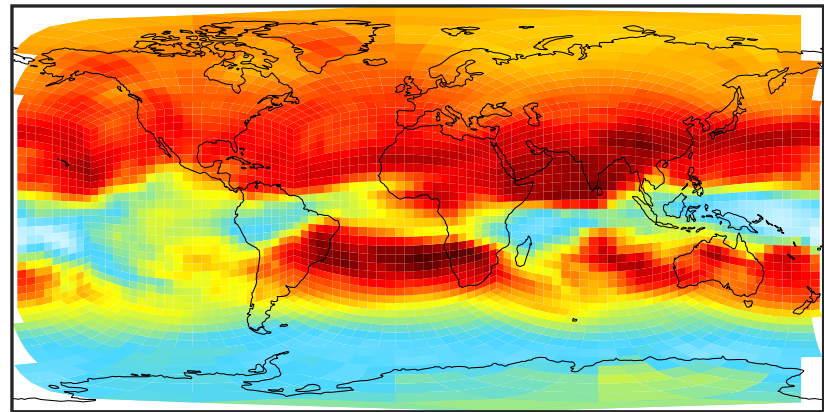
# SpeciesConcVW\_03 (Jan2019)

GCHP\_14.0.0 (Ref)  
c24



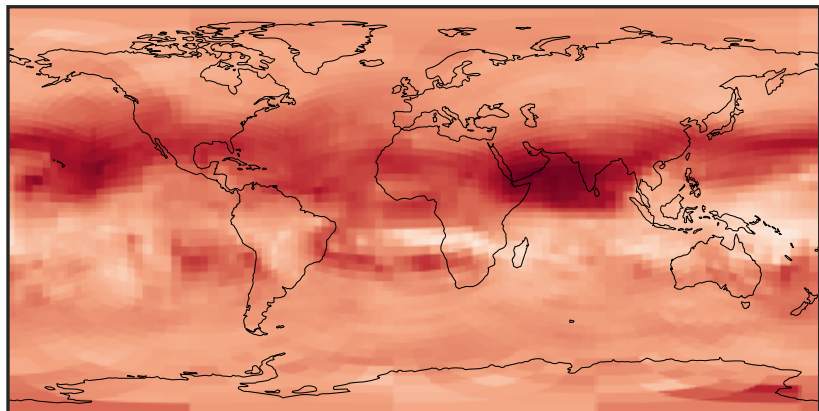
1134.426 28.32 42.48 70.06  
ppb

GCHP\_14.2.0 (Dev)  
c24



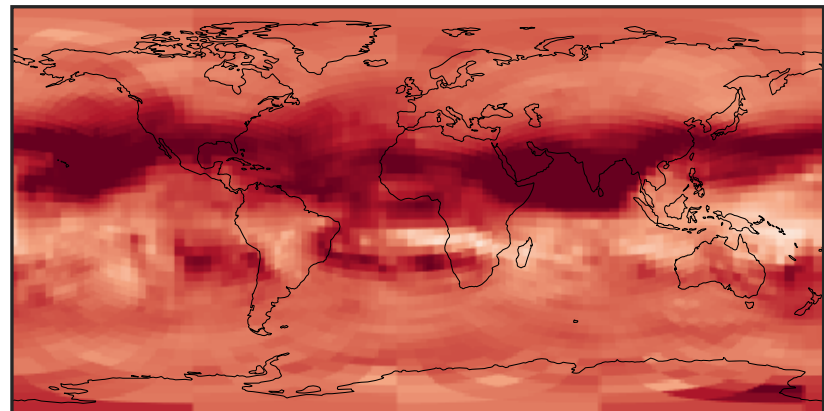
1134.426 28.32 42.48 70.06  
ppb

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



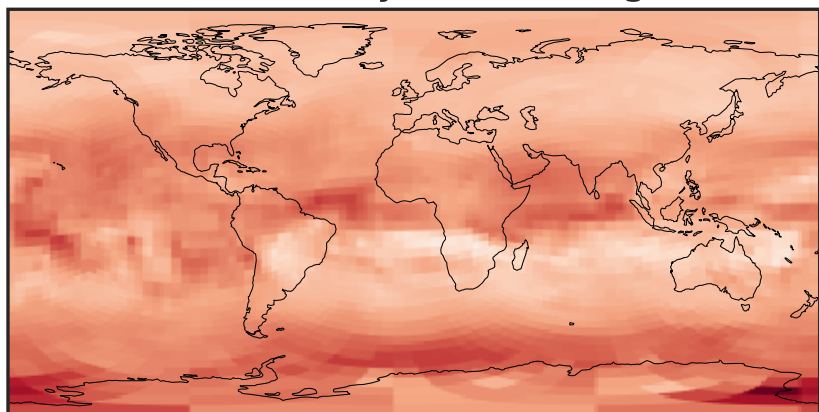
-6.30 -3.15 0.00 3.15 6.30  
ppb

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



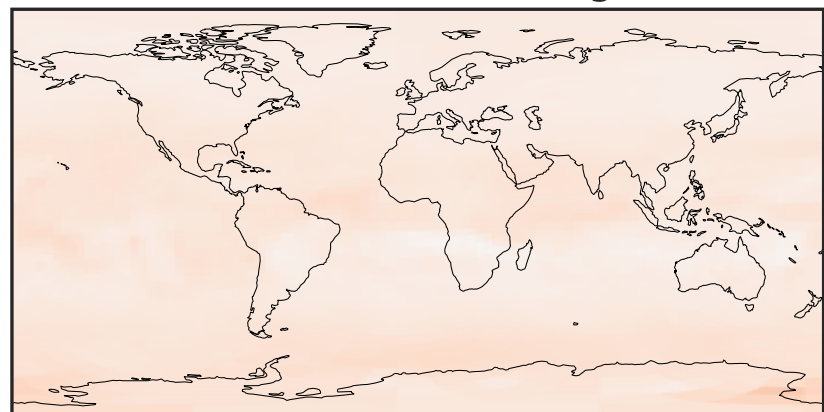
-4.692 -2.346 0.000 2.346 4.692  
ppb

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



0.8350 0.9175 1.0000 1.0988 1.1976  
unitless

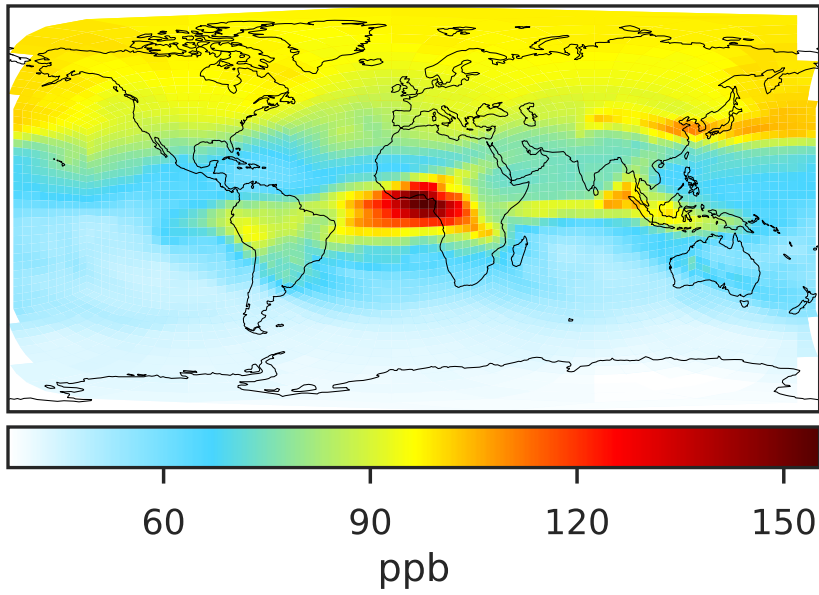
Ratio (1x1.25)  
Dev/Ref, Fixed Range



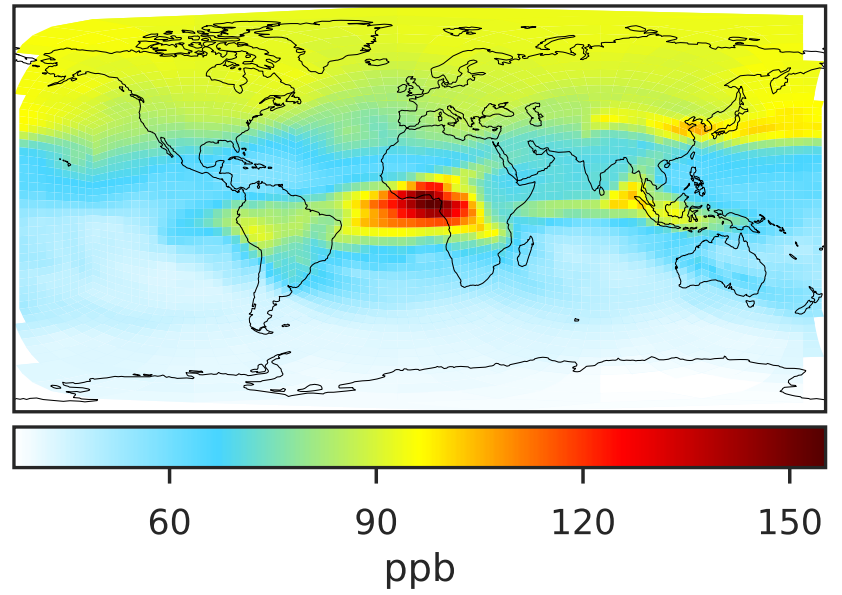
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_CO (Jan2019)

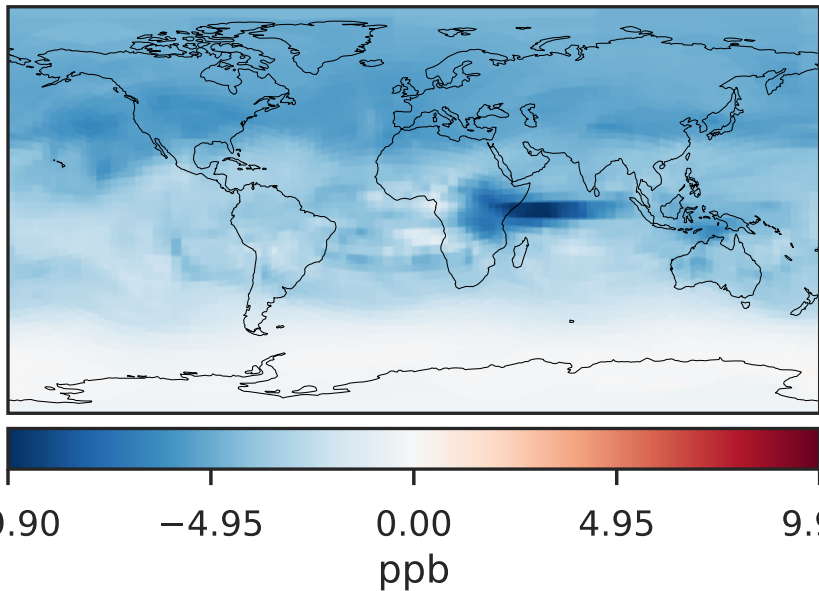
GCHP\_14.0.0 (Ref)  
c24



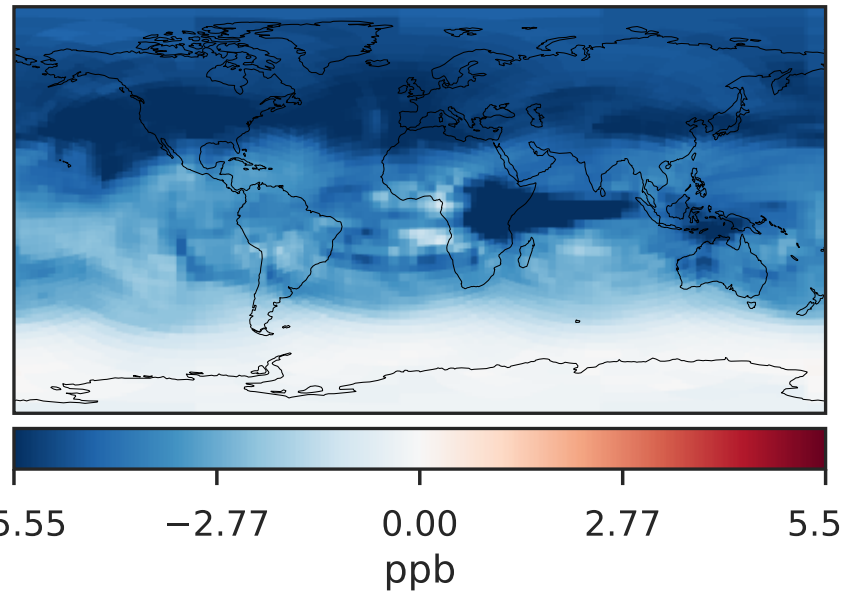
GCHP\_14.2.0 (Dev)  
c24



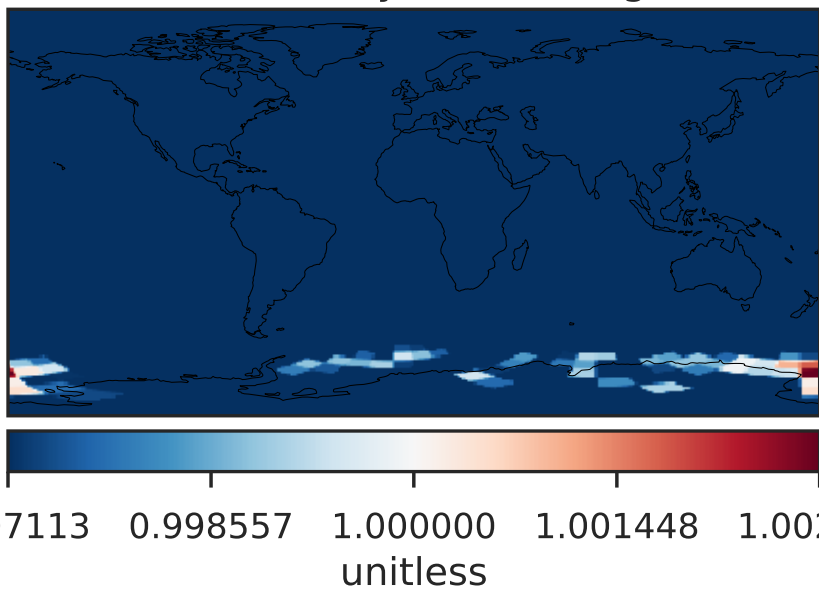
Difference (1x1.25)  
Dev - Ref, Dynamic Range



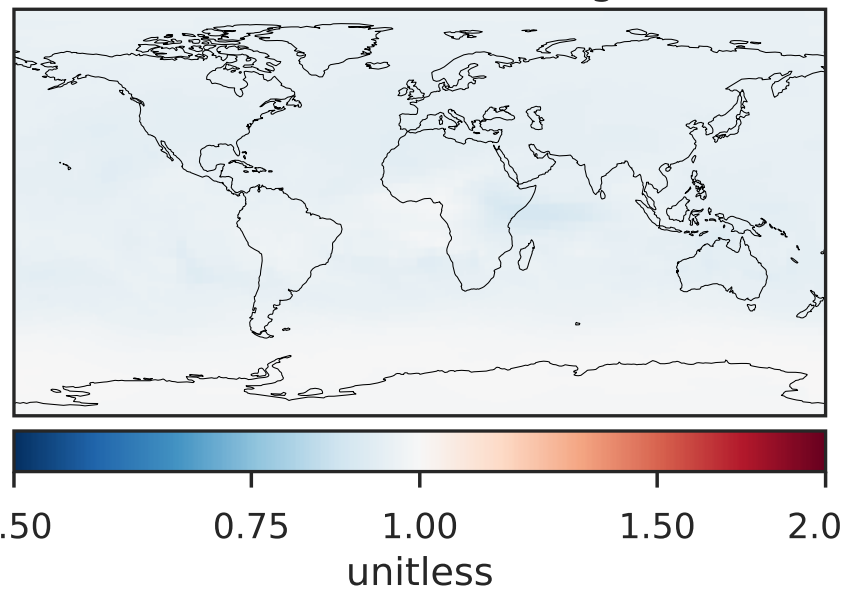
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

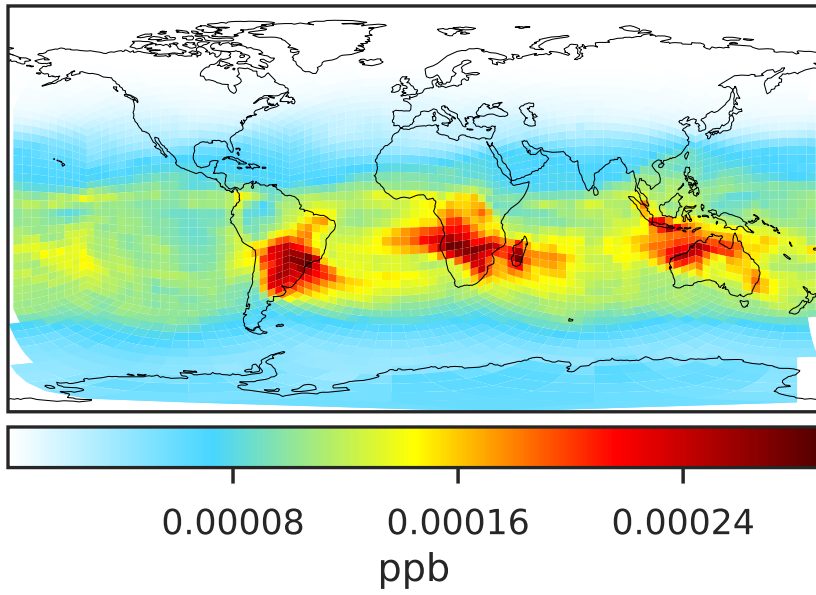


Ratio (1x1.25)  
Dev/Ref, Fixed Range

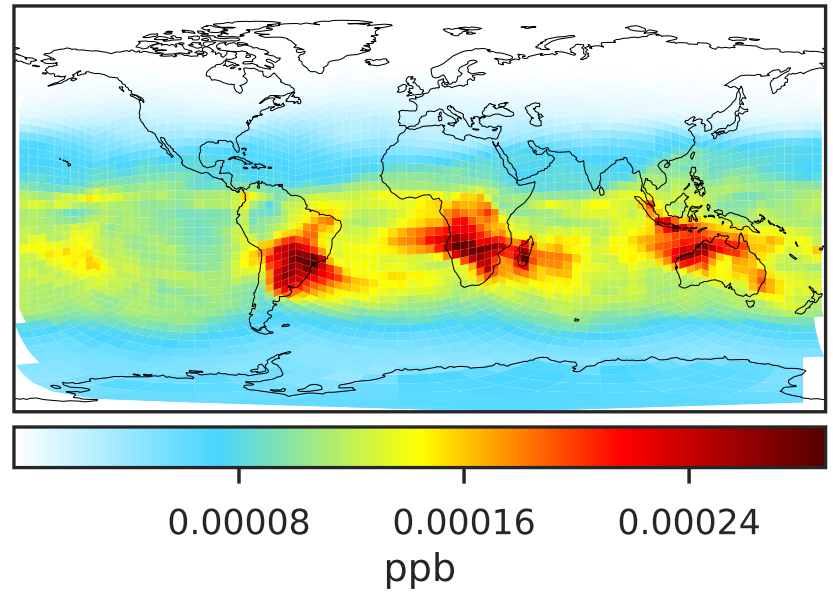


# SpeciesConcVV\_OH (Jan2019)

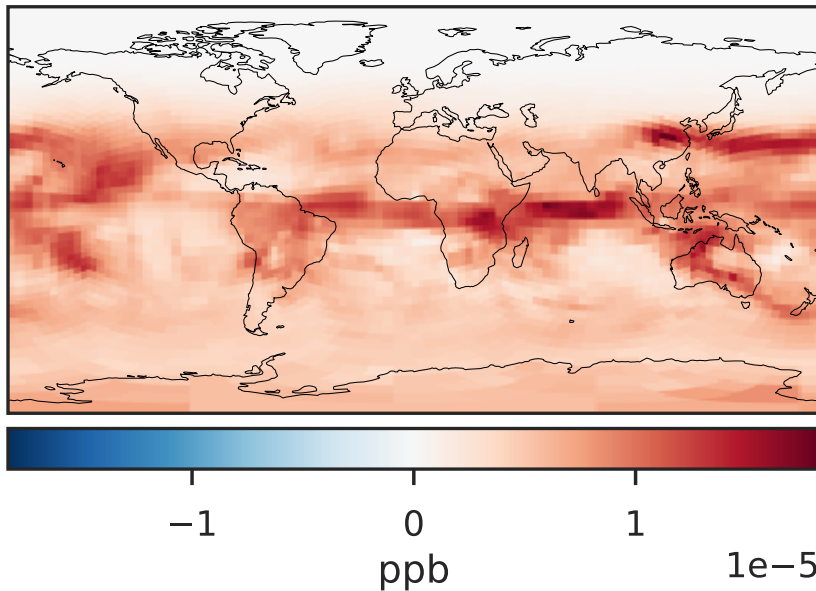
GCHP\_14.0.0 (Ref)  
c24



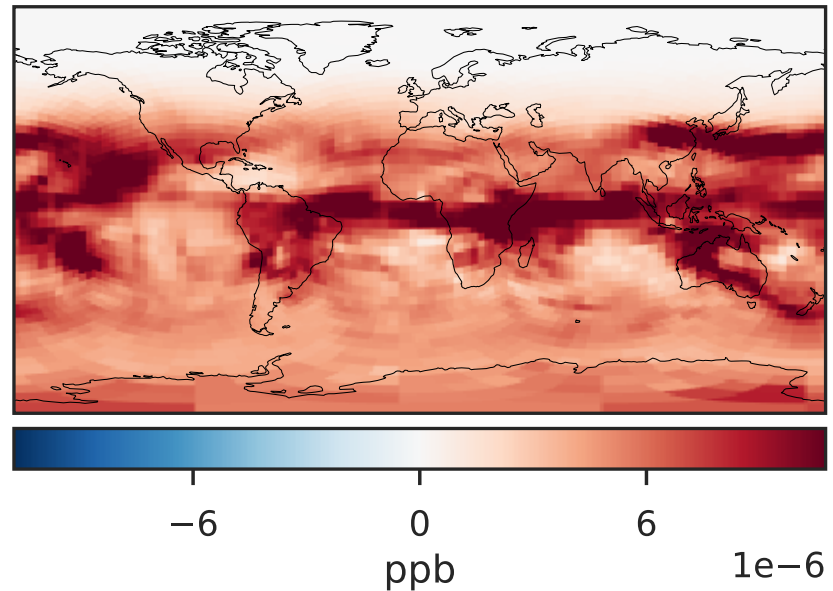
GCHP\_14.2.0 (Dev)  
c24



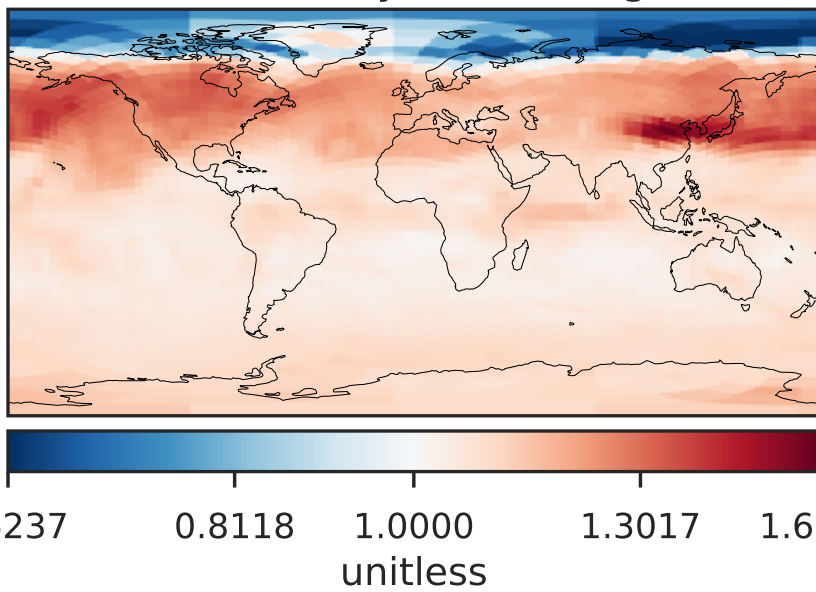
Difference (1x1.25)  
Dev - Ref, Dynamic Range



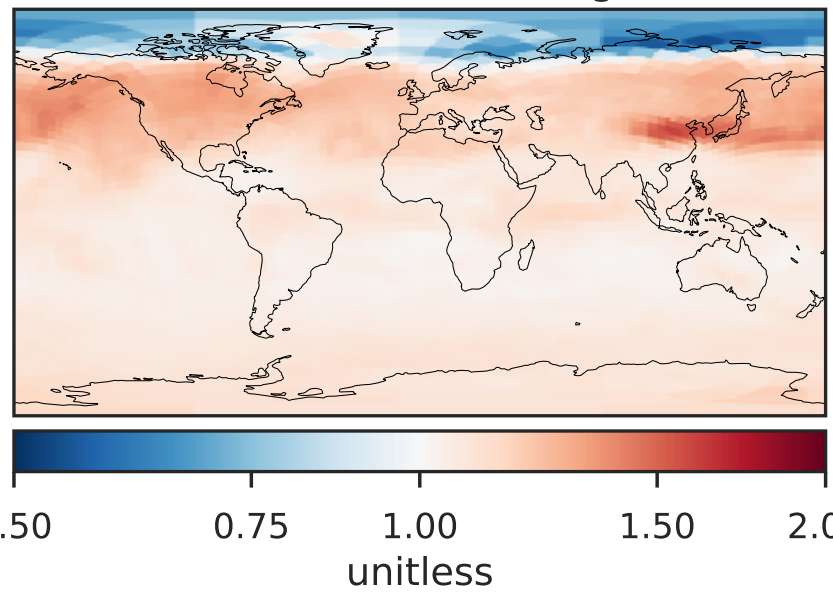
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

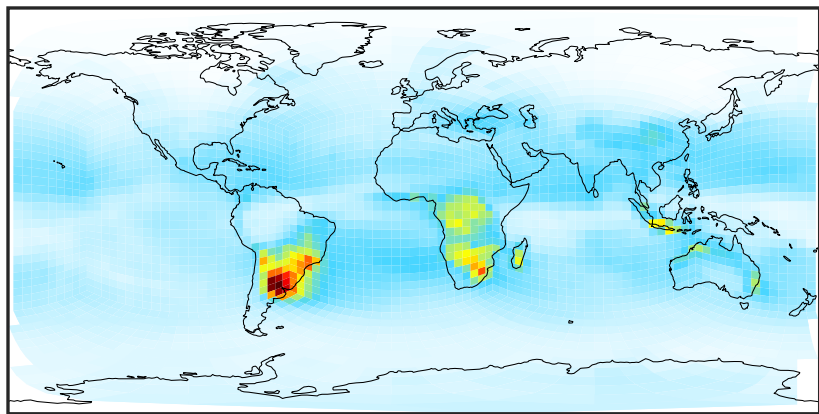


Ratio (1x1.25)  
Dev/Ref, Fixed Range



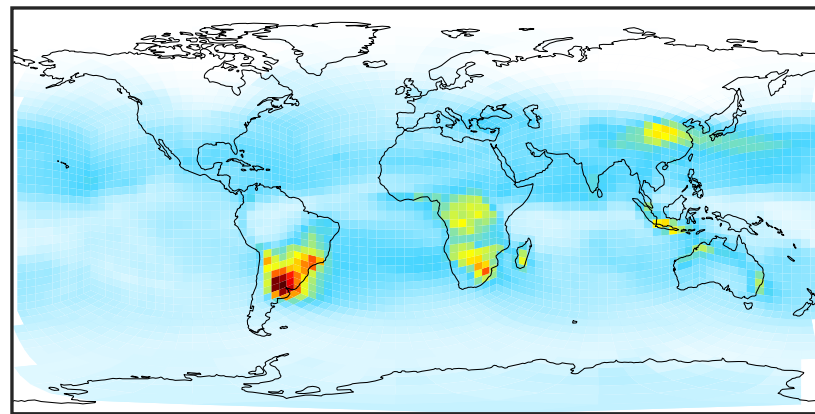
# SpeciesConcVV\_NOx (Jan2019)

GCHP\_14.0.0 (Ref)  
c24



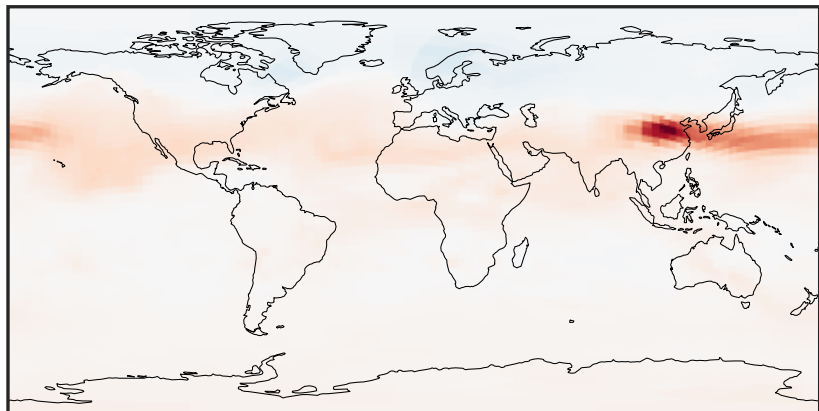
0.0007 0.0496 0.0992 0.1488 0.1991  
ppb

GCHP\_14.2.0 (Dev)  
c24



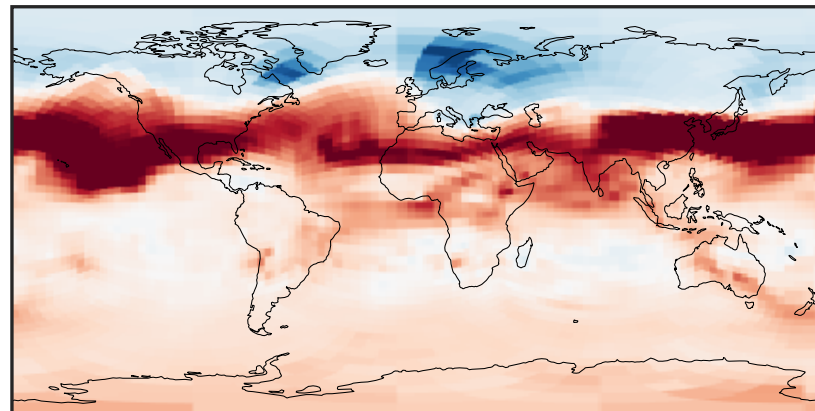
0.0007 0.0496 0.0992 0.1488 0.1991  
ppb

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



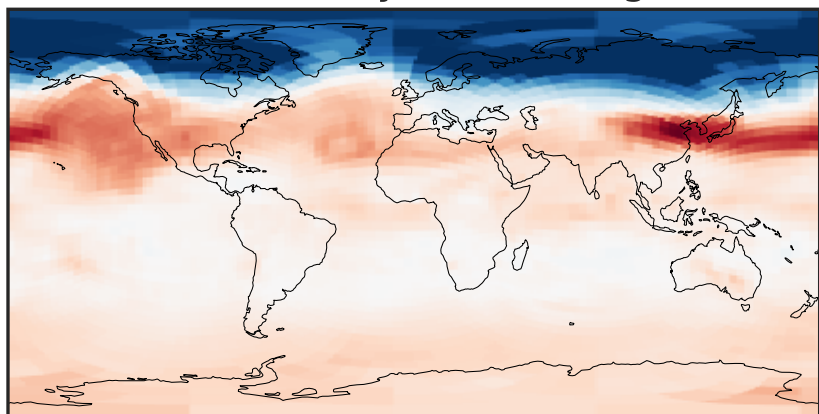
-0.0546 -0.0273 0.0000 0.0273 0.0546  
ppb

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



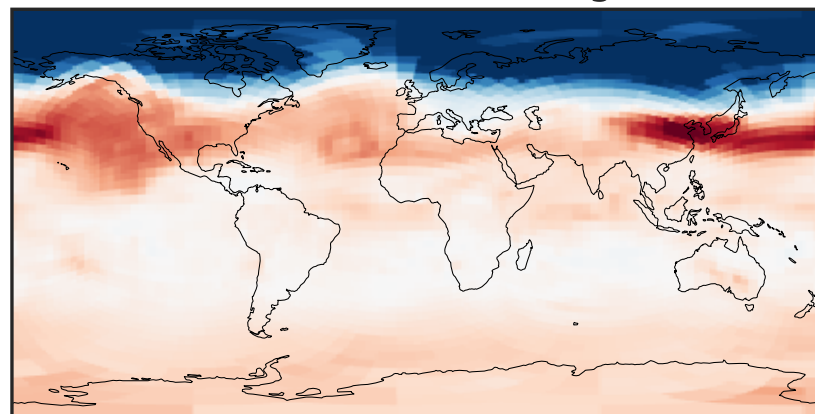
-0.005 0.000 0.005  
ppb

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



0.459 0.730 1.000 1.589 2.177  
unitless

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



0.50 0.75 1.00 1.50 2.00  
unitless