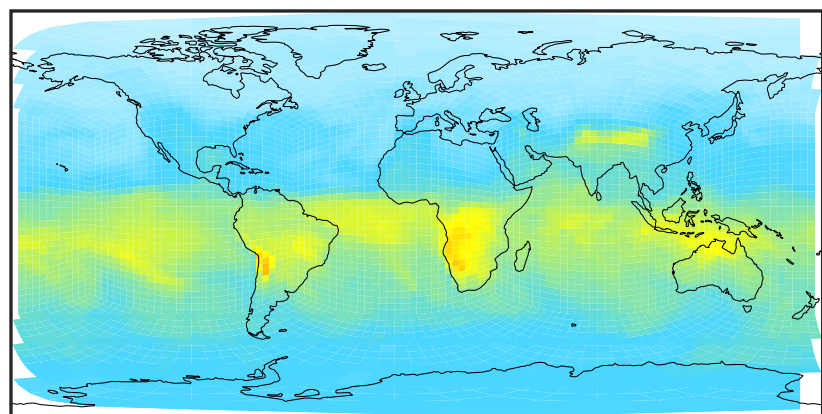


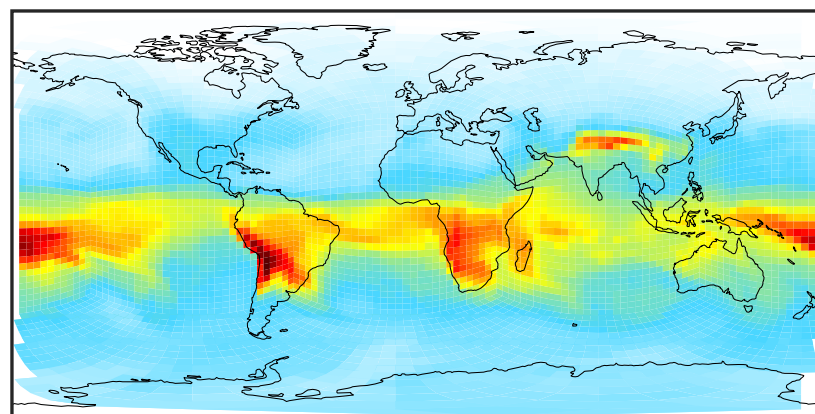
# SpeciesConcVV\_PassiveTracer (AnnualMean)

GCHP 14.2.2 using wind (Ref)  
c30



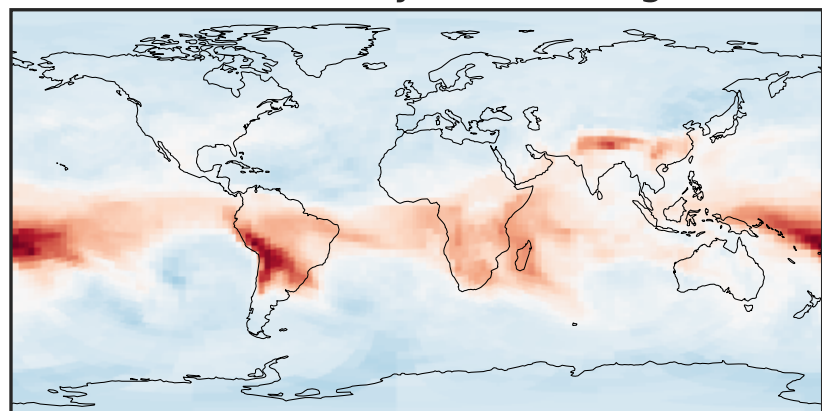
0.0035 0.0040 0.0045  
ppb +9.998e1

GCHP 14.2.2 using mass flux (Dev)  
c30



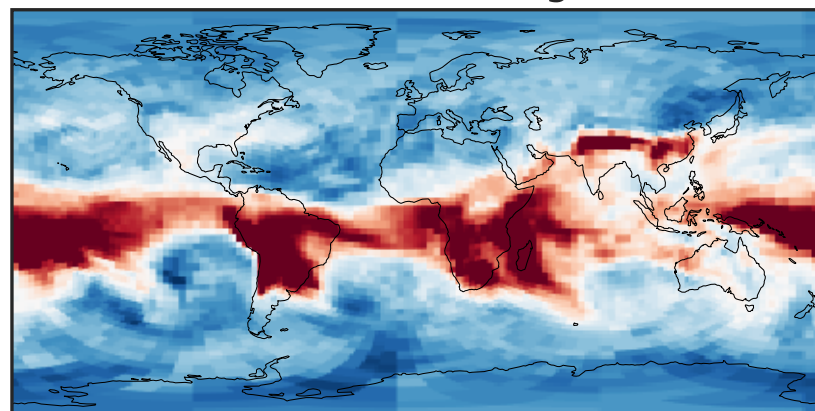
0.0035 0.0040 0.0045  
ppb +9.998e1

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



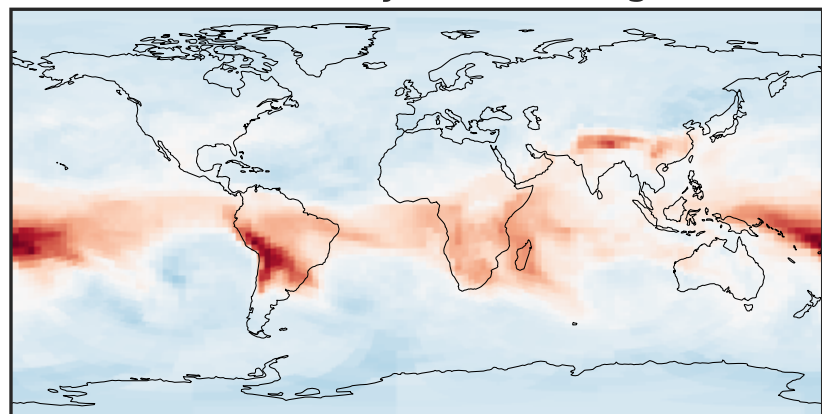
-0.0004 0.0000 0.0004  
ppb

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



-0.00015 0.00000 0.00015  
ppb

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



0.99999214 1.0000000 1.00000786  
unitless

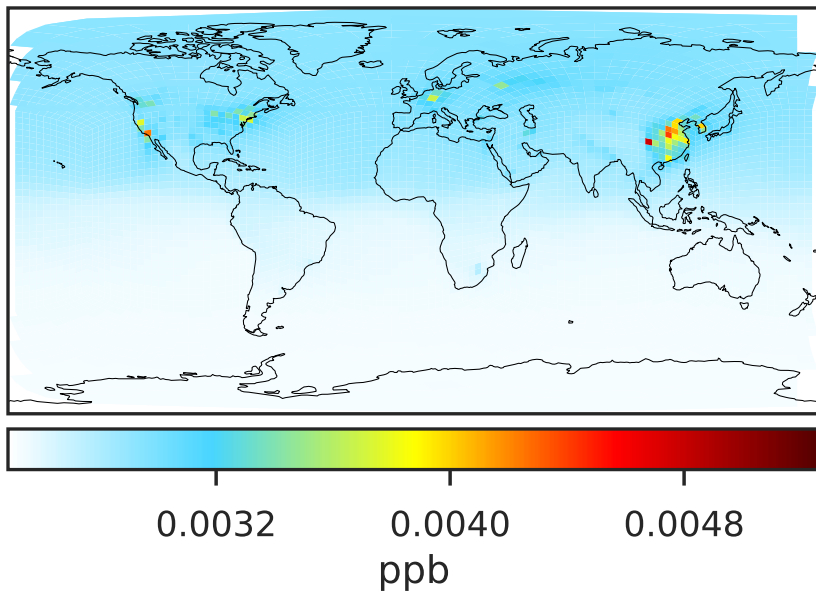
Ratio (1x1.25)  
Dev/Ref, Fixed Range



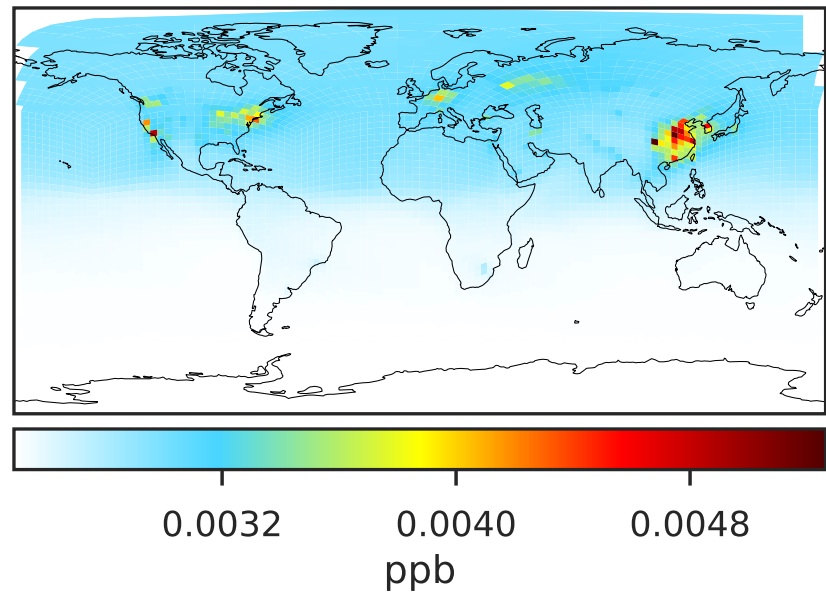
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_SF6 (AnnualMean)

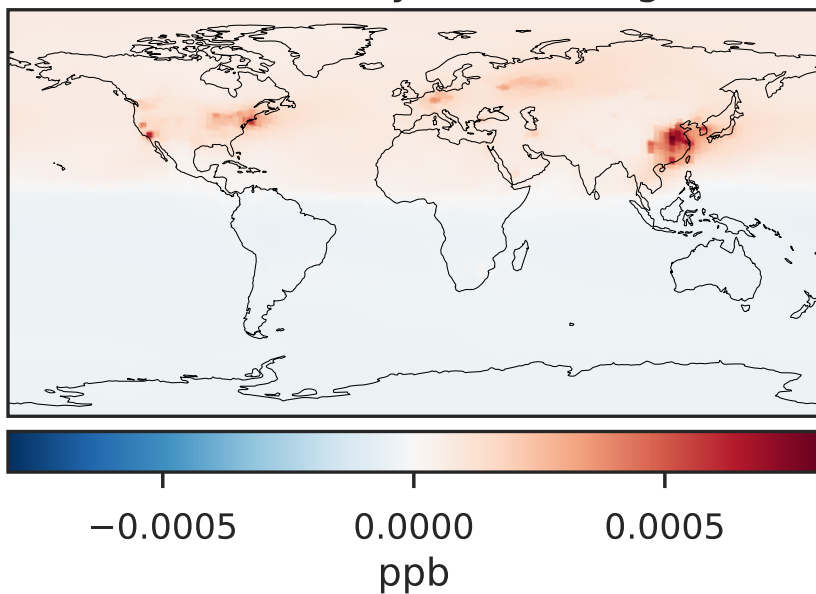
GCHP 14.2.2 using wind (Ref)  
c30



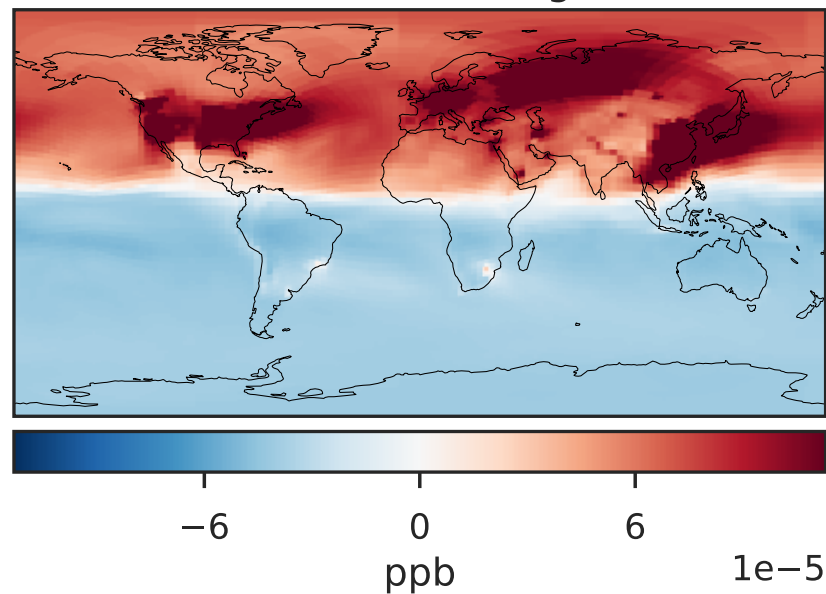
GCHP 14.2.2 using mass flux (Dev)  
c30



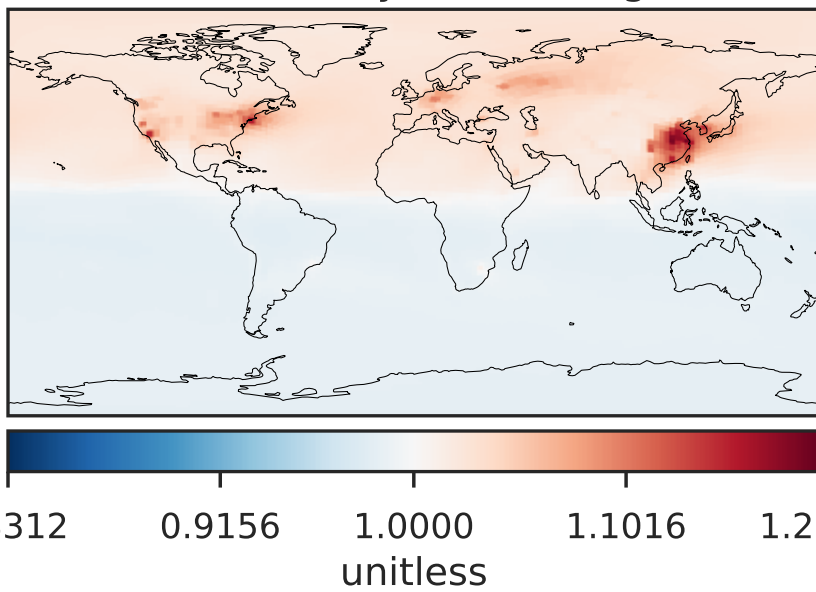
Difference (1x1.25)  
Dev - Ref, Dynamic Range



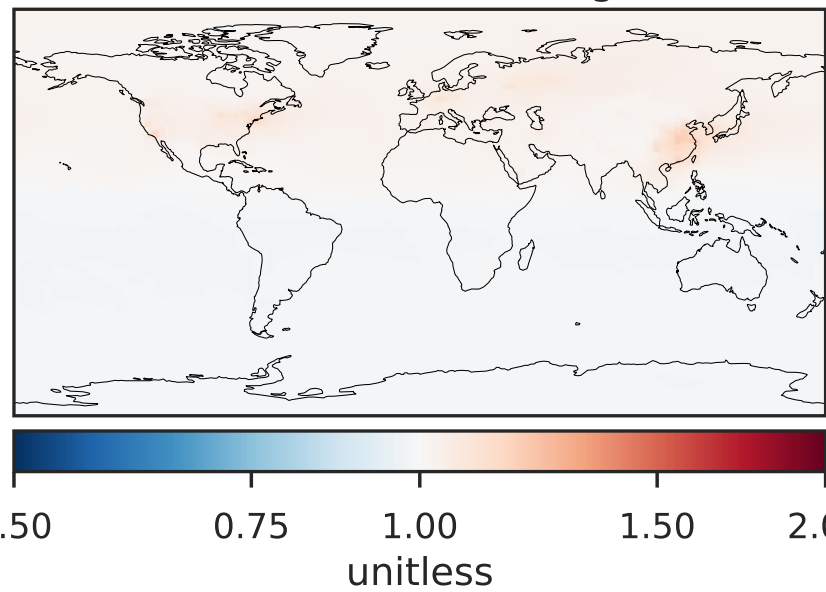
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

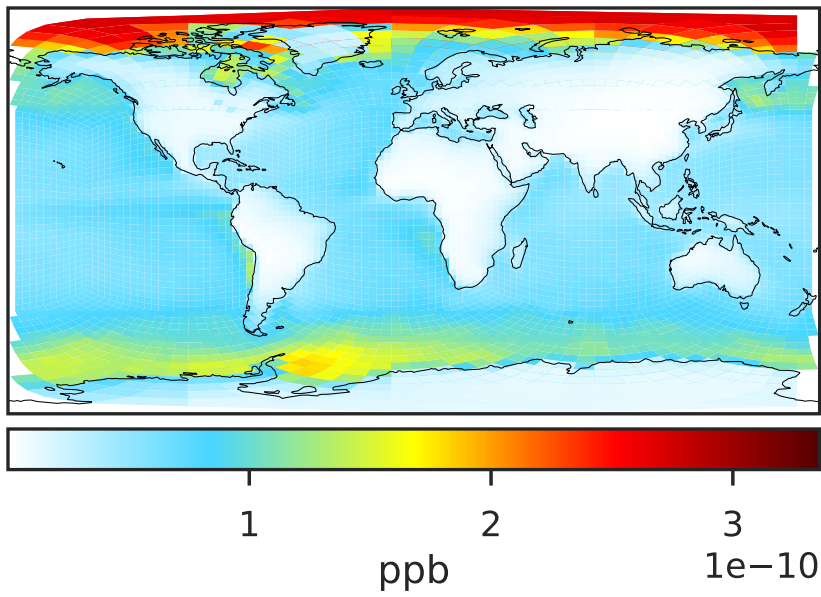


Ratio (1x1.25)  
Dev/Ref, Fixed Range

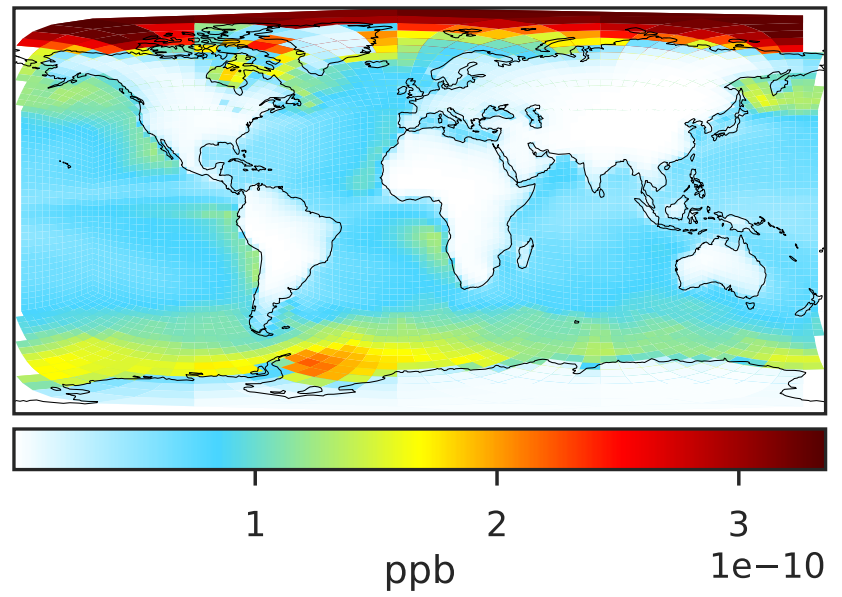


# SpeciesConcVV\_CH3I (AnnualMean)

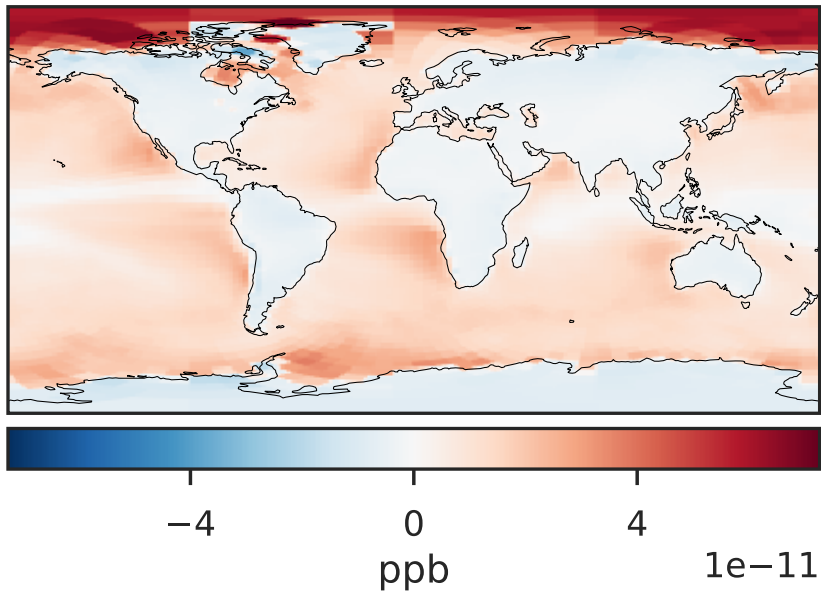
GCHP 14.2.2 using wind (Ref)  
c30



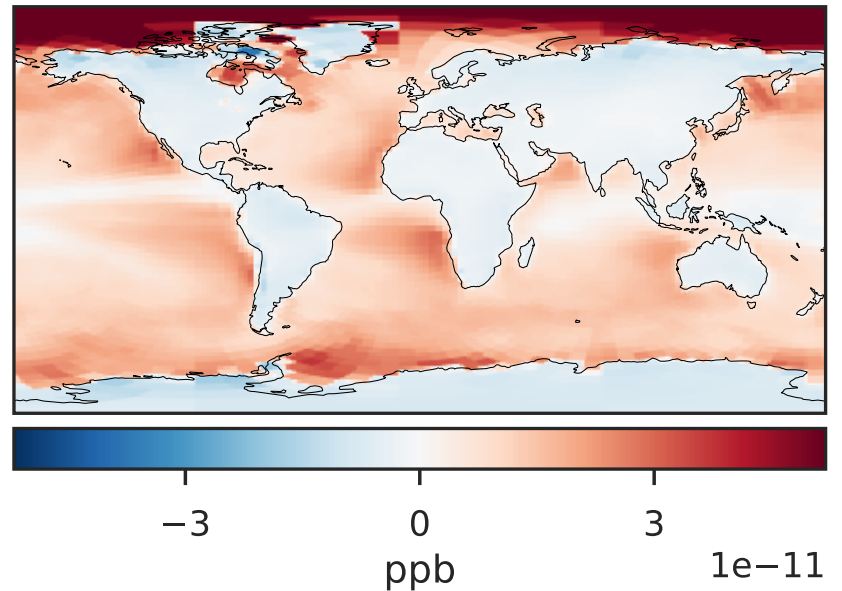
GCHP 14.2.2 using mass flux (Dev)  
c30



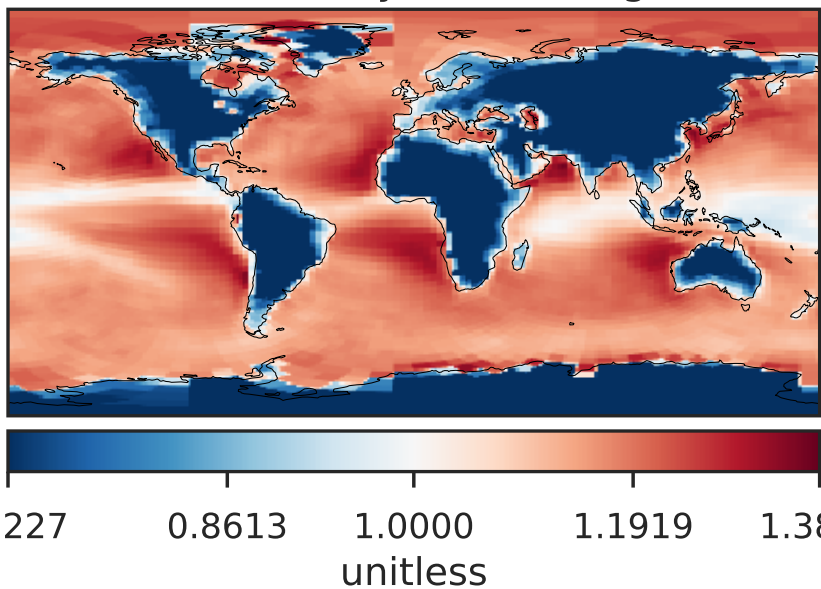
Difference (1x1.25)  
Dev - Ref, Dynamic Range



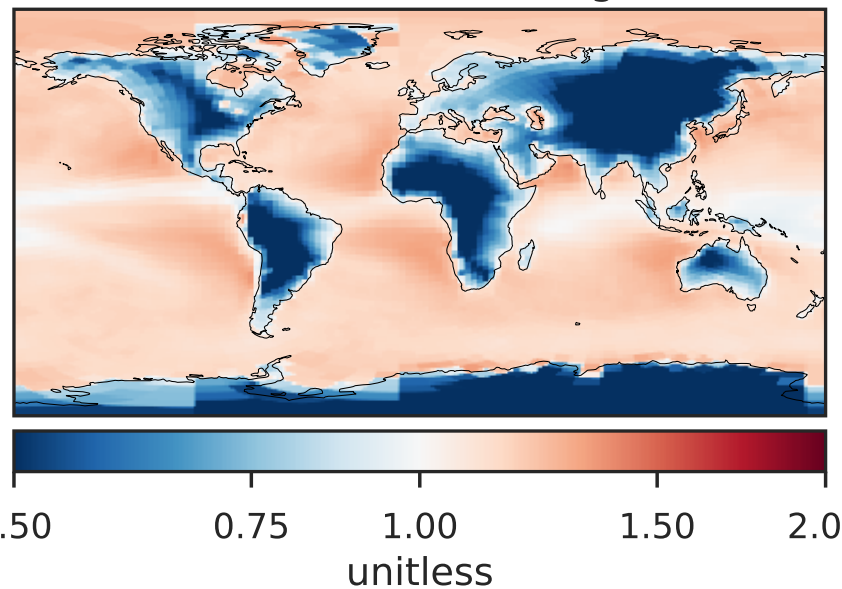
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

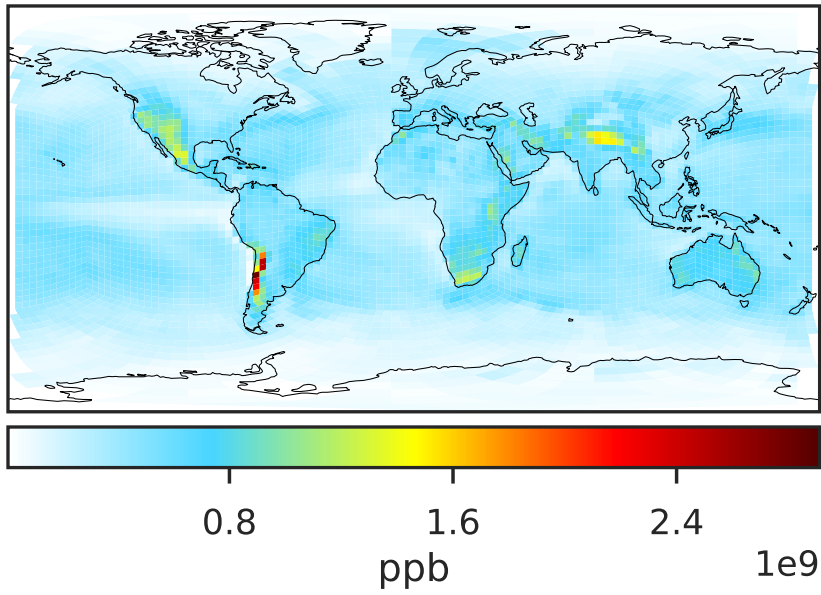


Ratio (1x1.25)  
Dev/Ref, Fixed Range

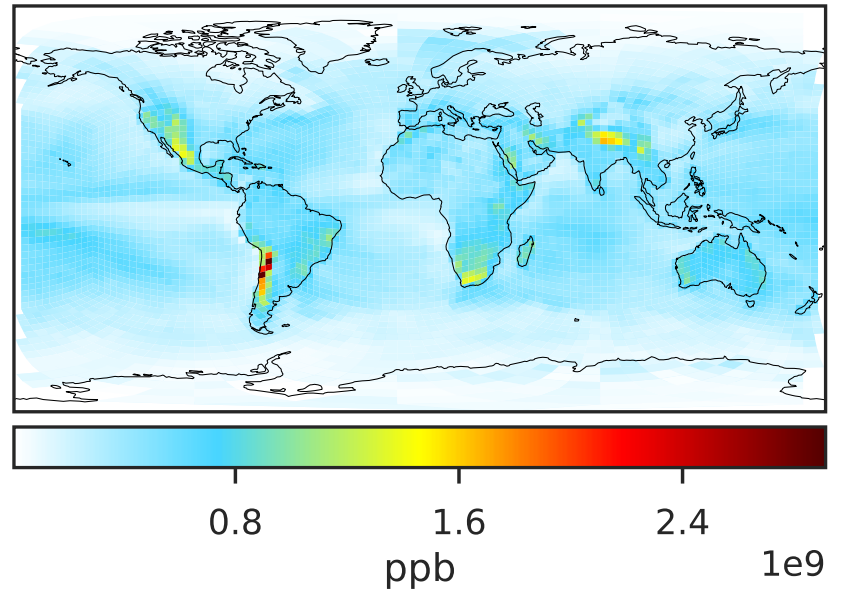


# SpeciesConcVV\_aoa (AnnualMean)

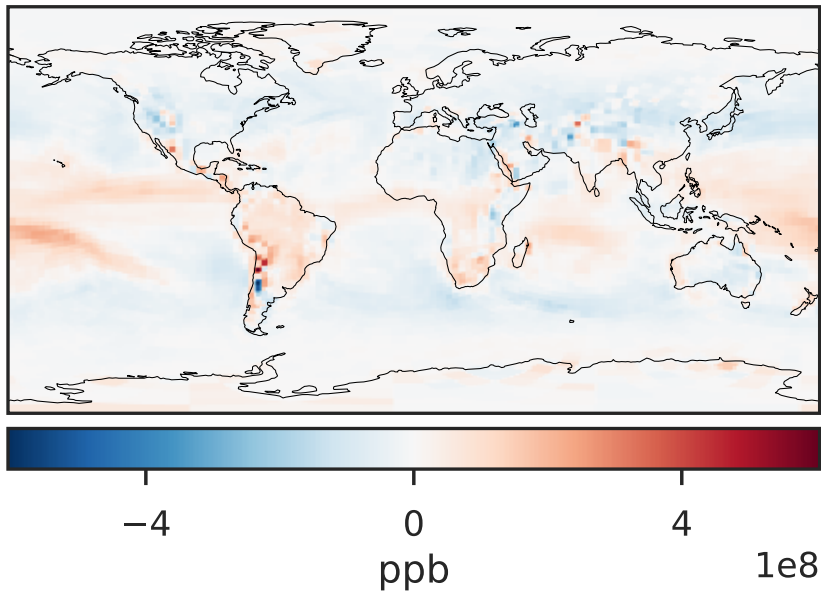
GCHP 14.2.2 using wind (Ref)  
c30



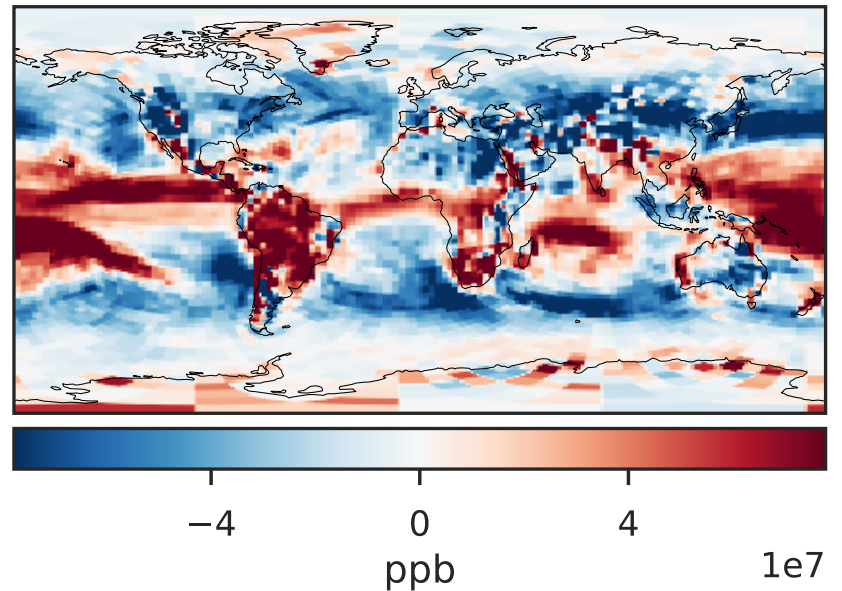
GCHP 14.2.2 using mass flux (Dev)  
c30



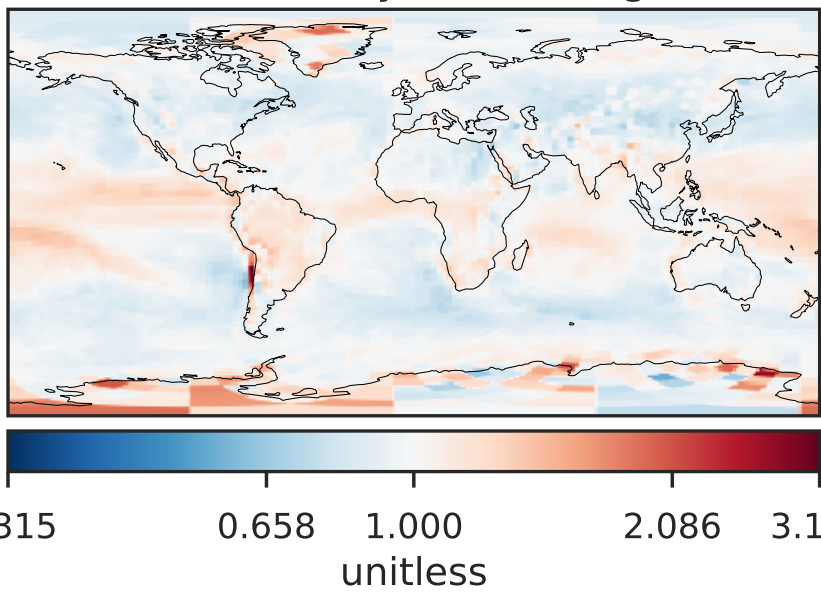
Difference (1x1.25)  
Dev - Ref, Dynamic Range



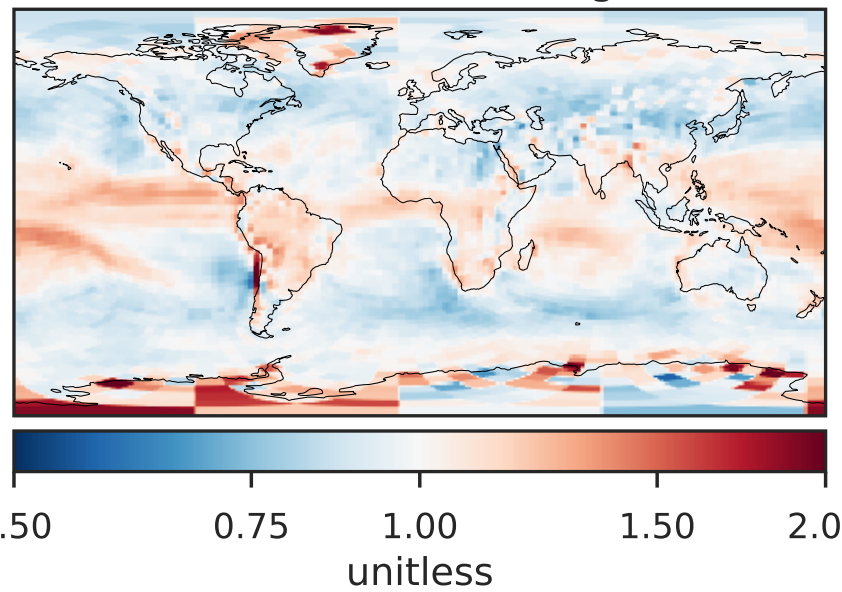
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

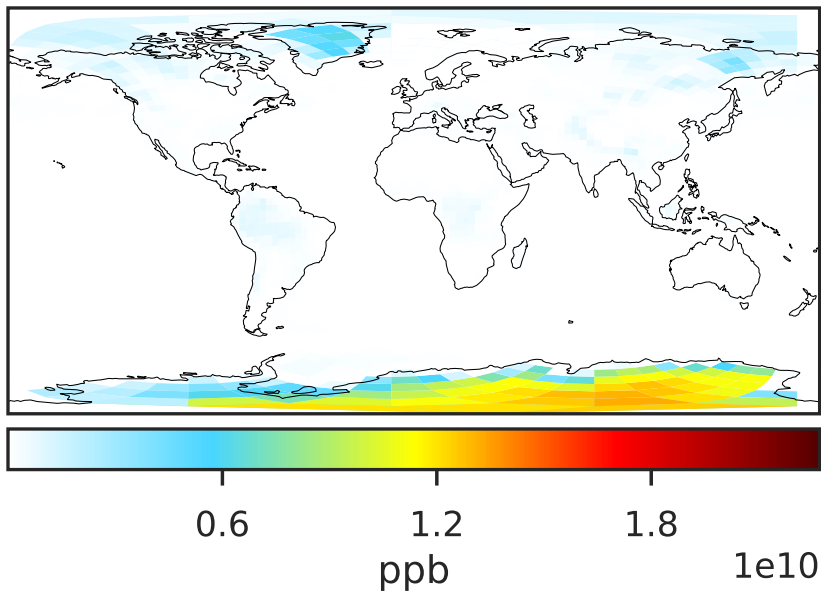


Ratio (1x1.25)  
Dev/Ref, Fixed Range

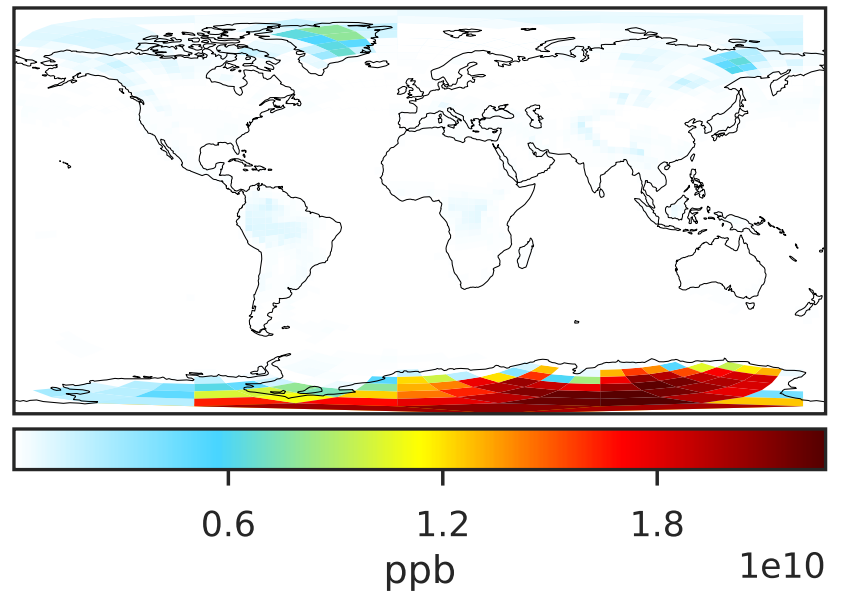


# SpeciesConcVV\_aoa\_bl (AnnualMean)

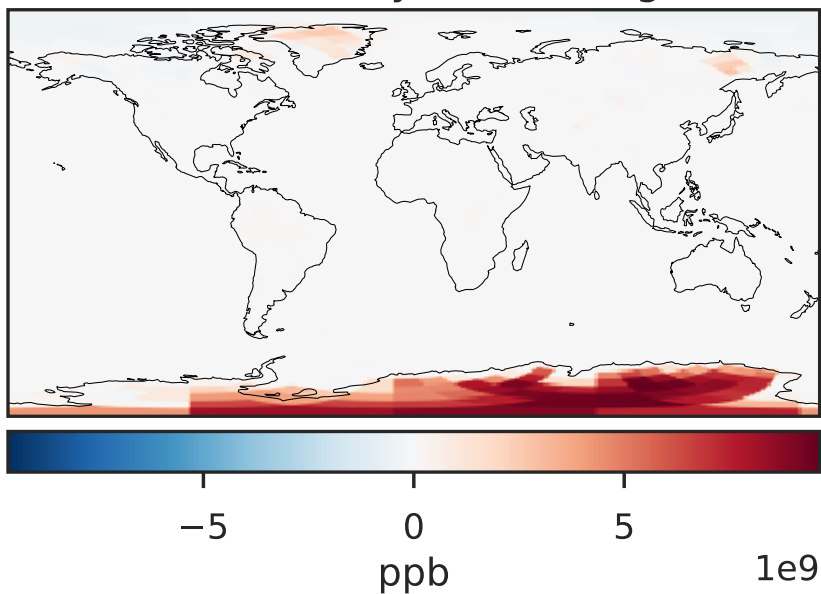
GCHP 14.2.2 using wind (Ref)  
c30



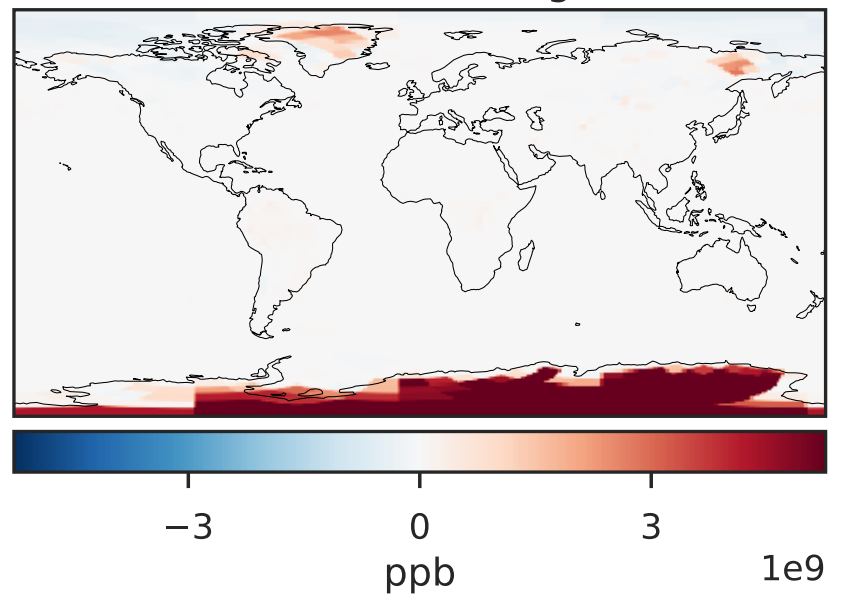
GCHP 14.2.2 using mass flux (Dev)  
c30



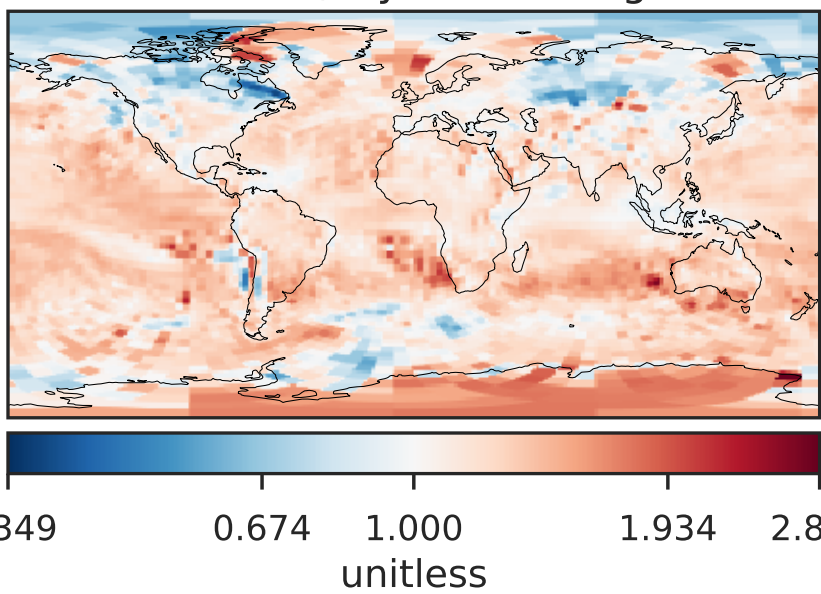
Difference (1x1.25)  
Dev - Ref, Dynamic Range



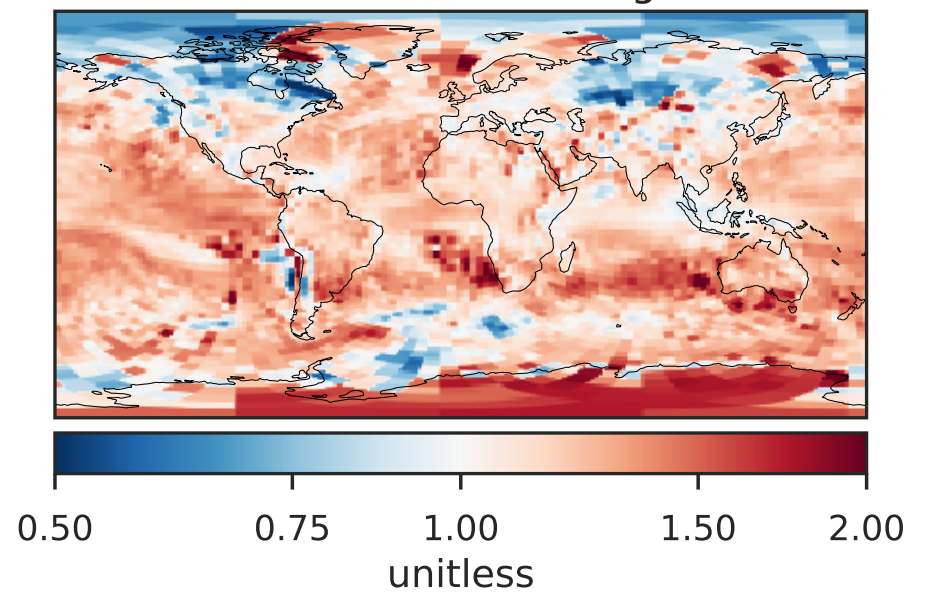
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

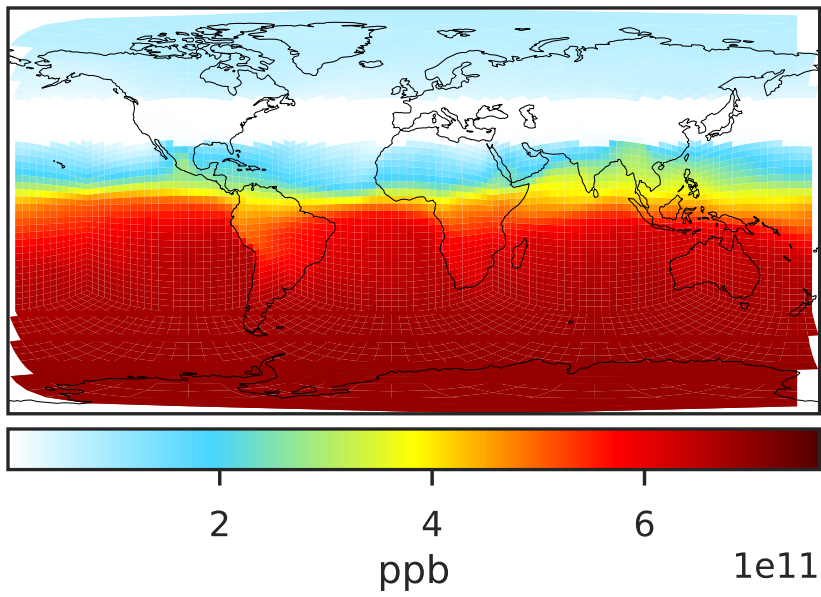


Ratio (1x1.25)  
Dev/Ref, Fixed Range

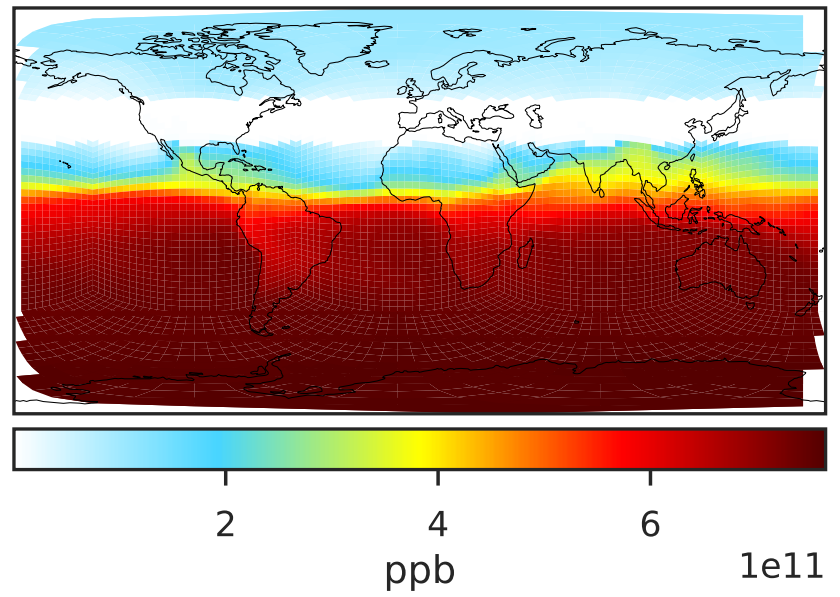


# SpeciesConcVW\_aoa\_nh (AnnualMean)

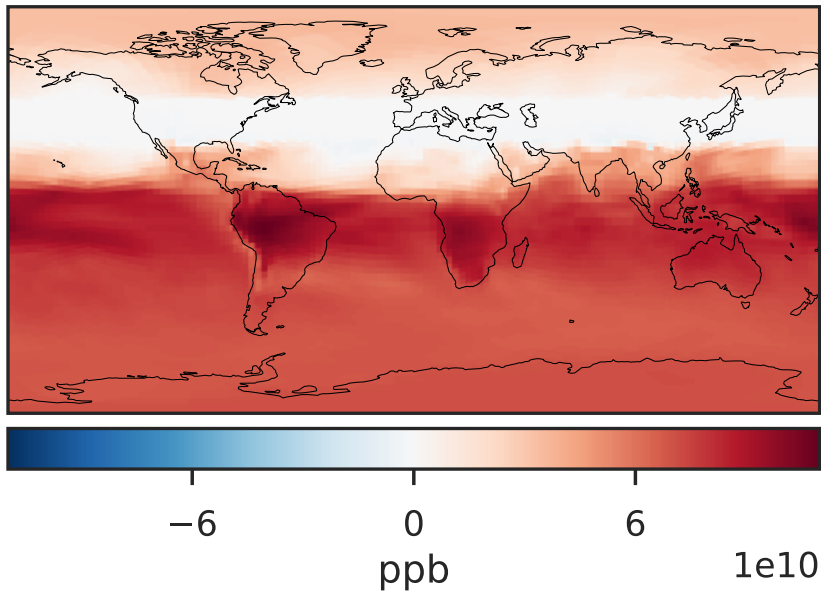
GCHP 14.2.2 using wind (Ref)  
c30



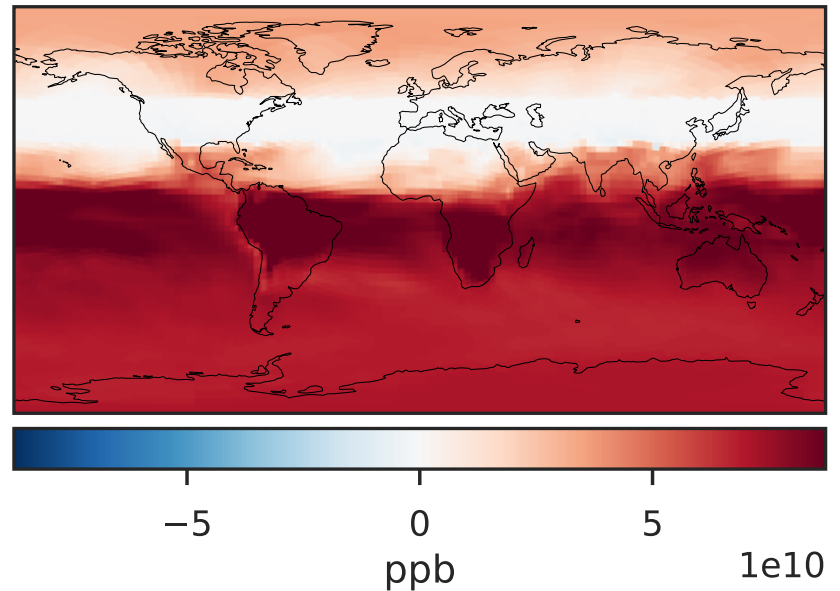
GCHP 14.2.2 using mass flux (Dev)  
c30



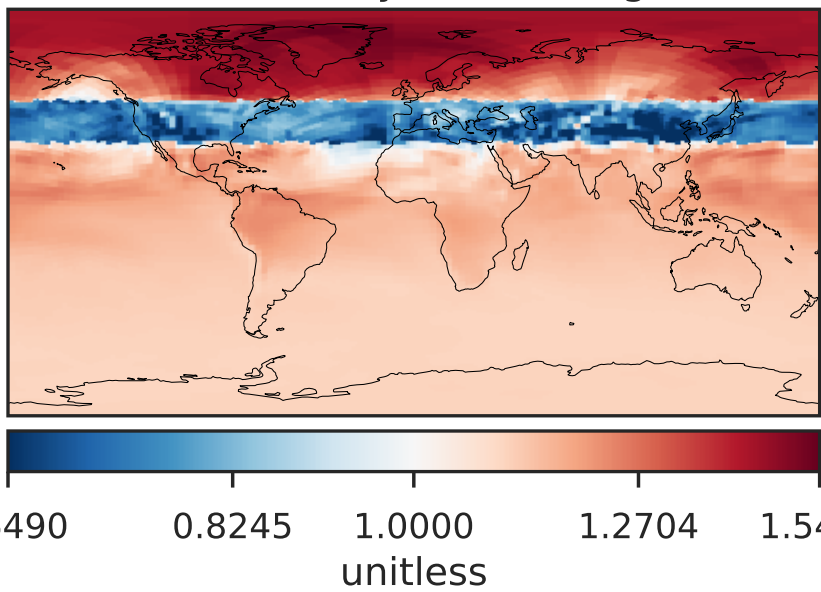
Difference (1x1.25)  
Dev - Ref, Dynamic Range



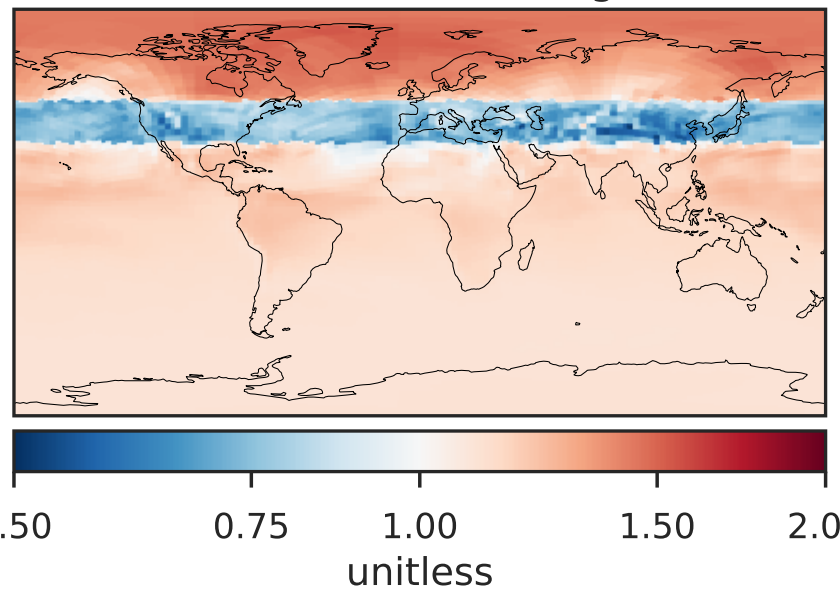
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

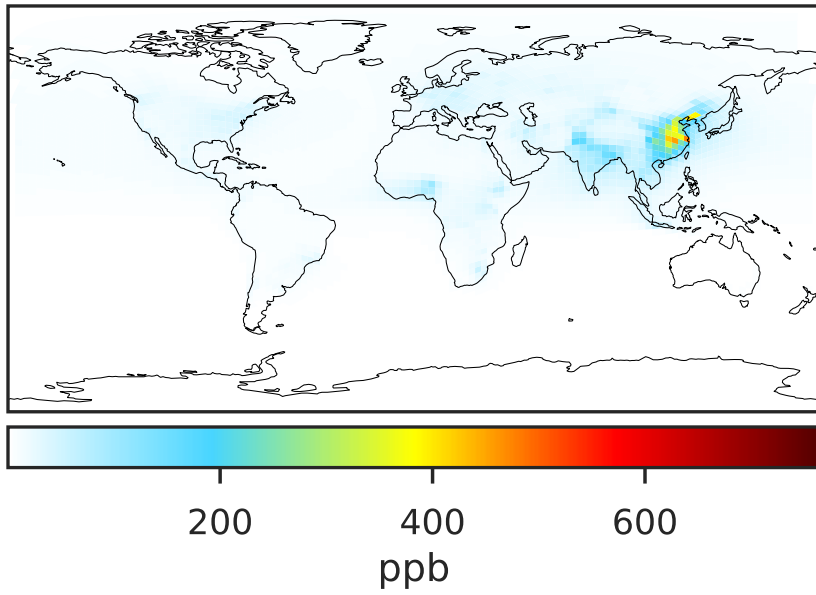


Ratio (1x1.25)  
Dev/Ref, Fixed Range

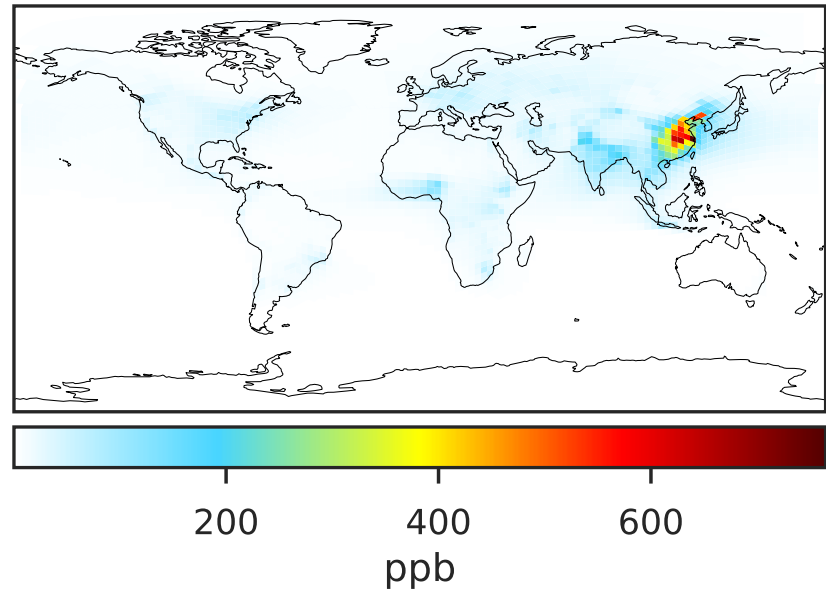


# SpeciesConcVV\_CO\_25 (AnnualMean)

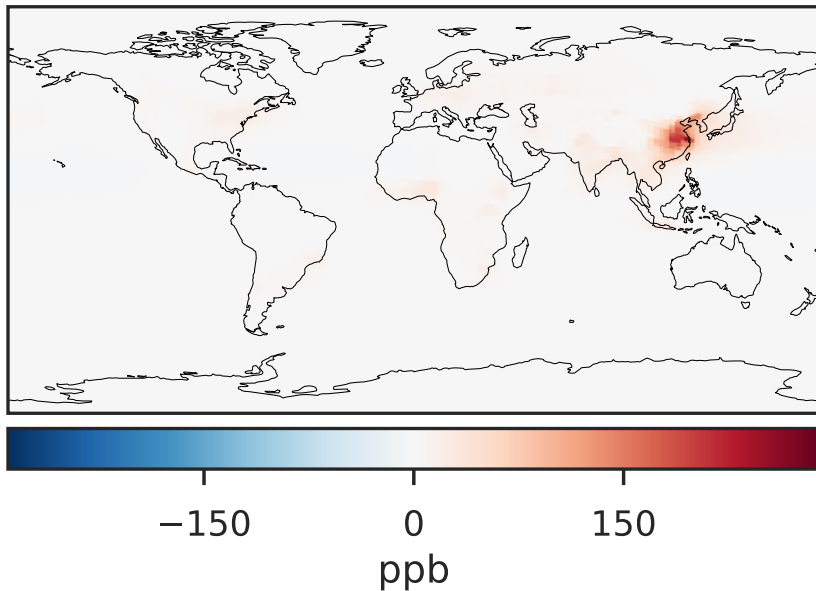
GCHP 14.2.2 using wind (Ref)  
c30



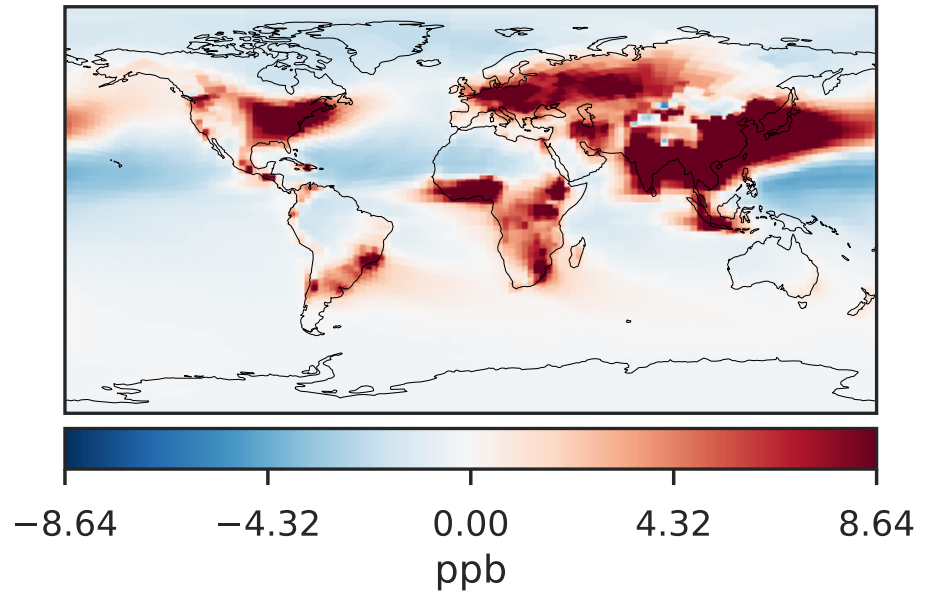
GCHP 14.2.2 using mass flux (Dev)  
c30



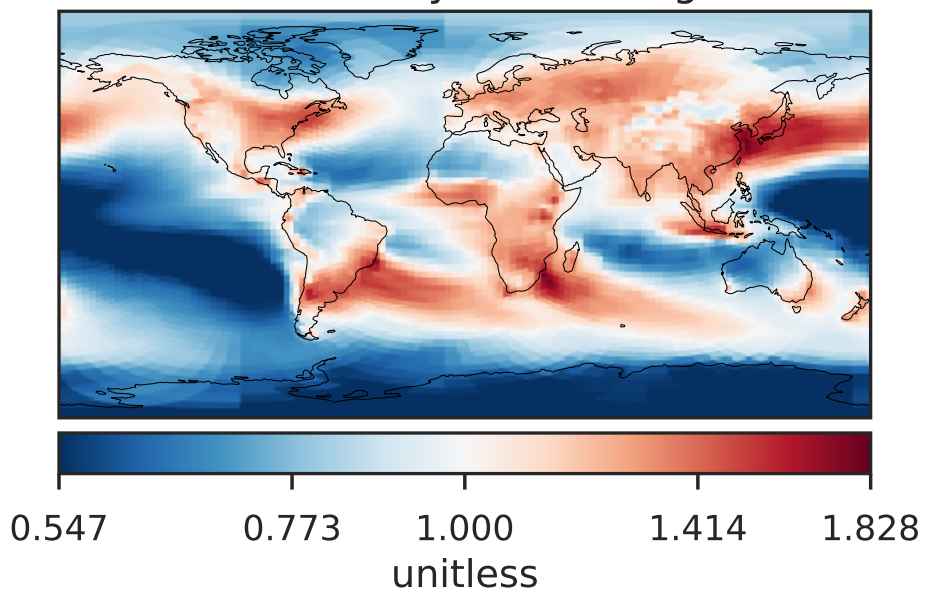
Difference (1x1.25)  
Dev - Ref, Dynamic Range



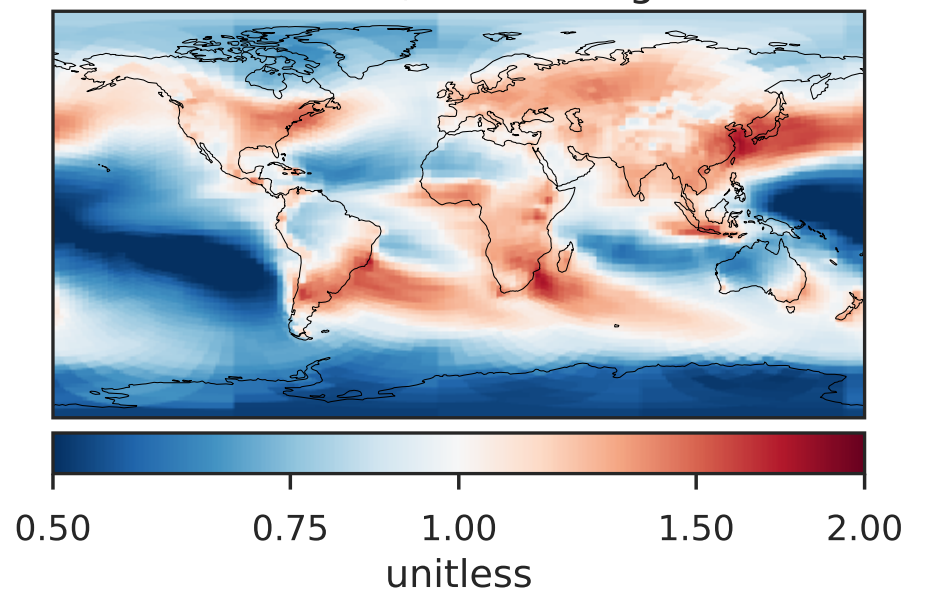
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

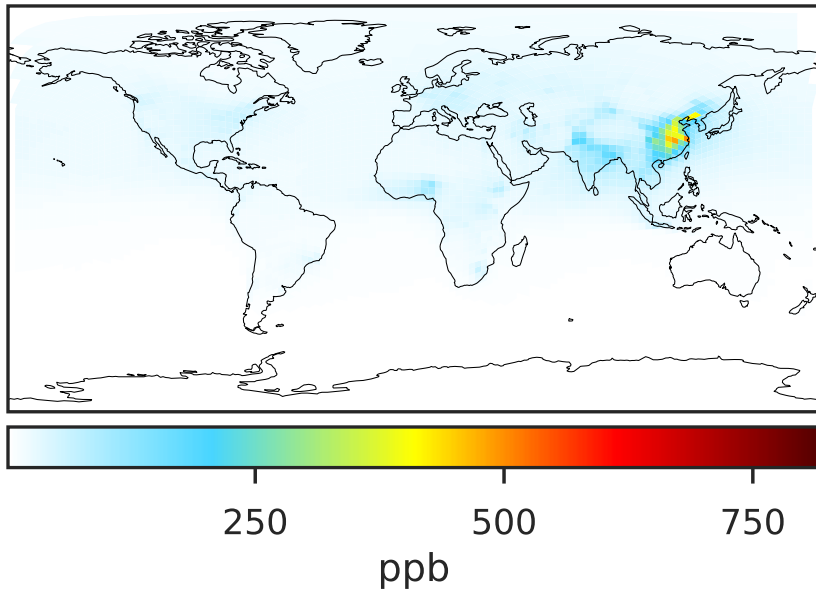


Ratio (1x1.25)  
Dev/Ref, Fixed Range

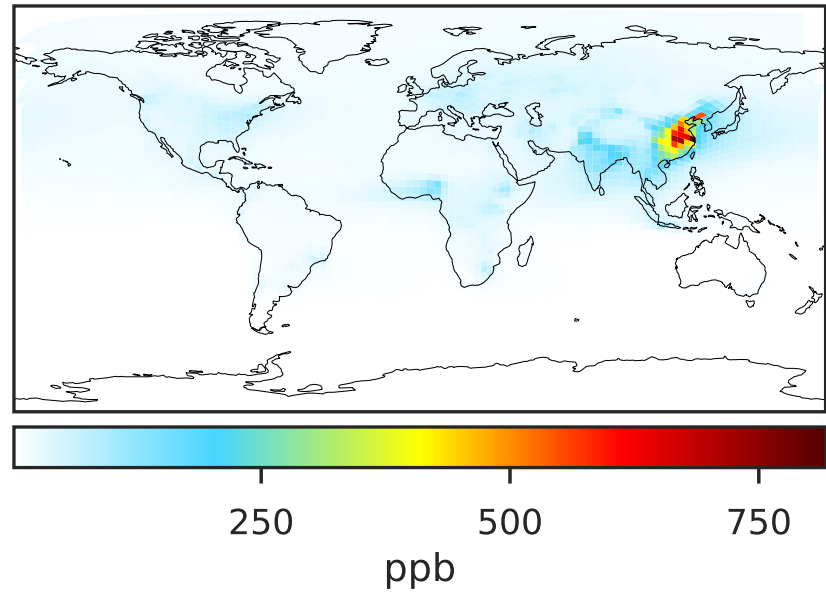


# SpeciesConcVV\_CO\_50 (AnnualMean)

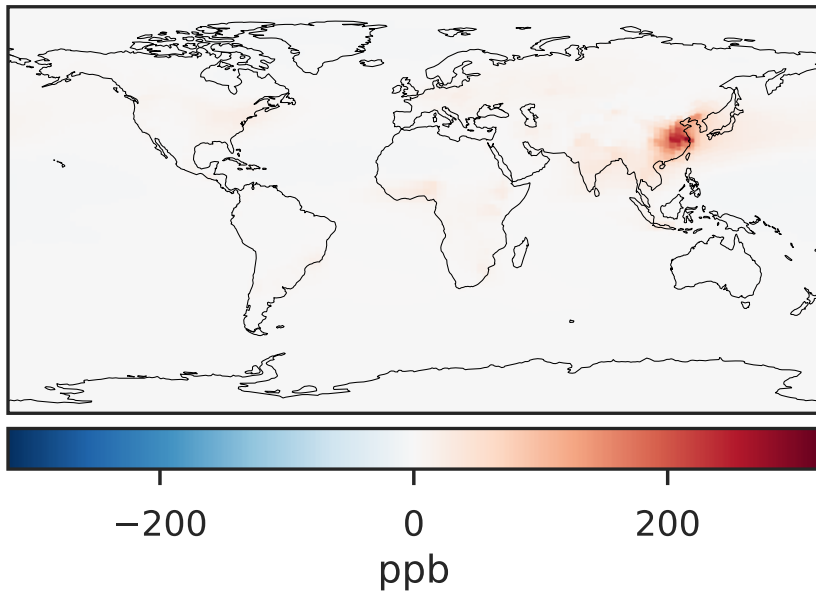
GCHP 14.2.2 using wind (Ref)  
c30



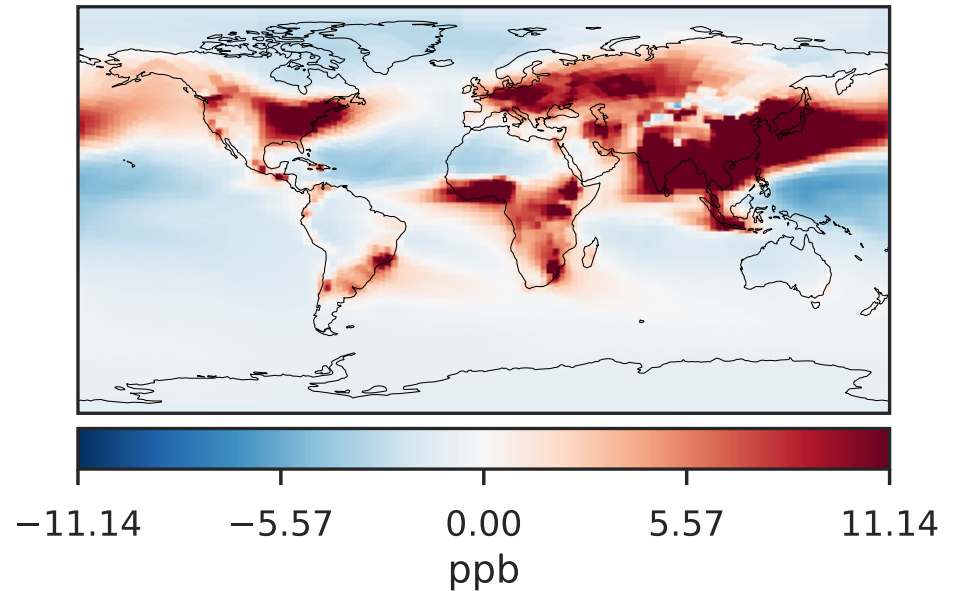
GCHP 14.2.2 using mass flux (Dev)  
c30



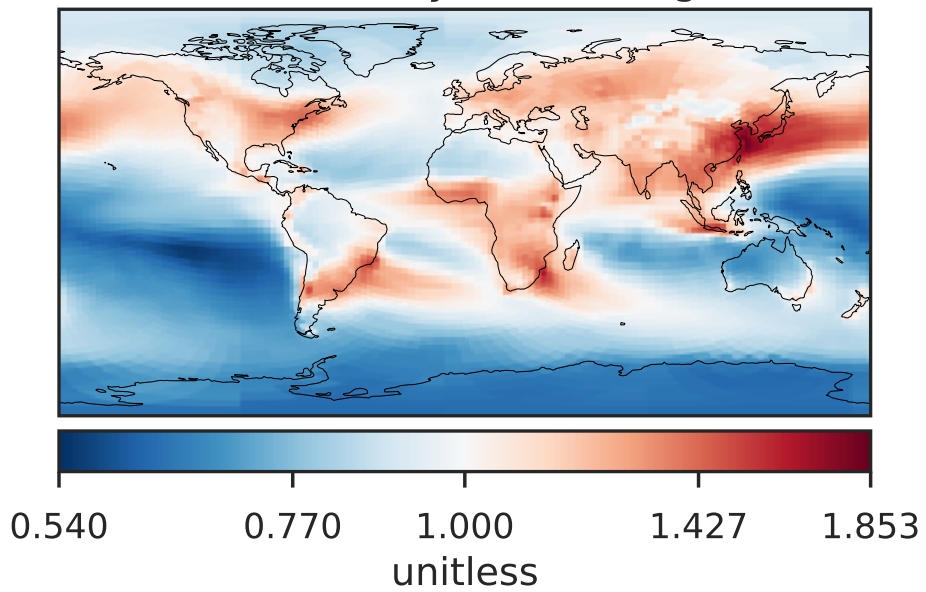
Difference (1x1.25)  
Dev - Ref, Dynamic Range



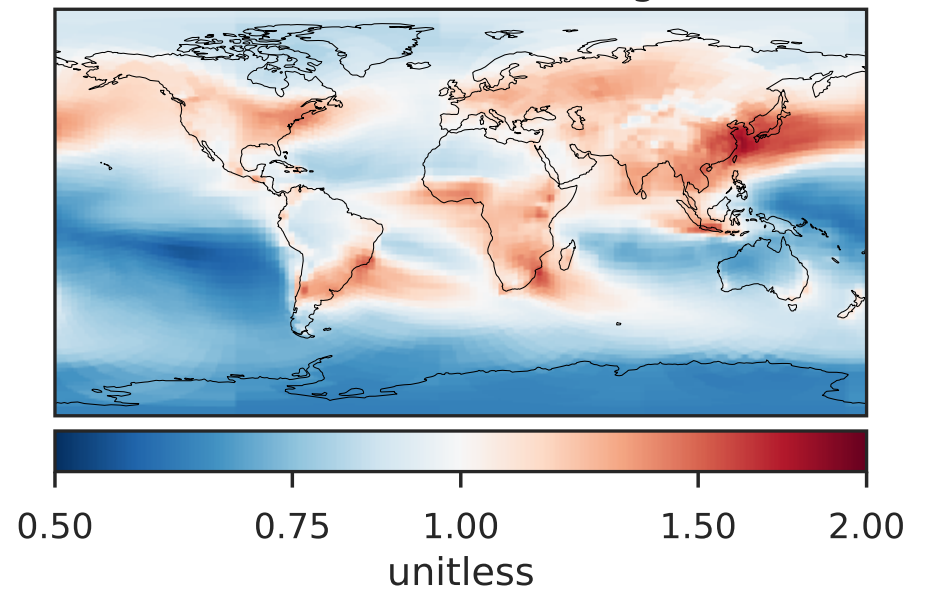
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



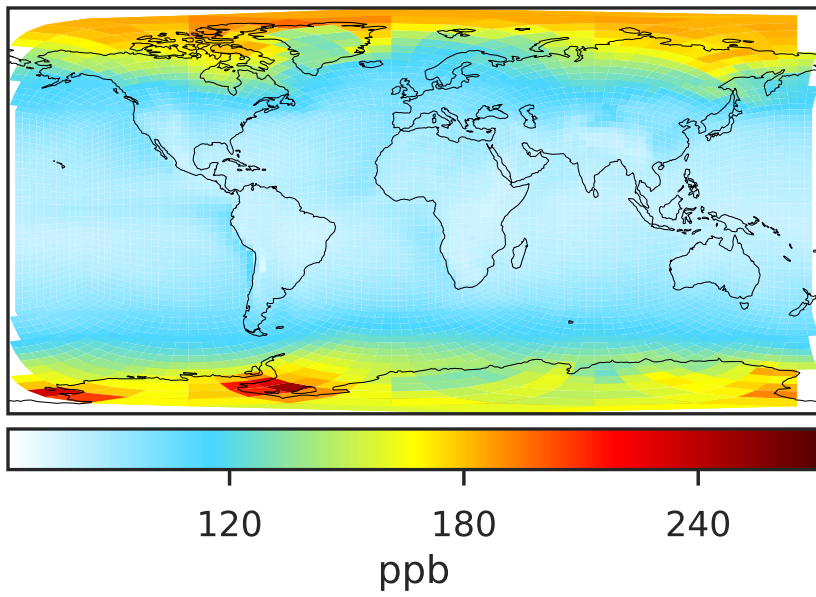
Ratio (1x1.25)  
Dev/Ref, Fixed Range



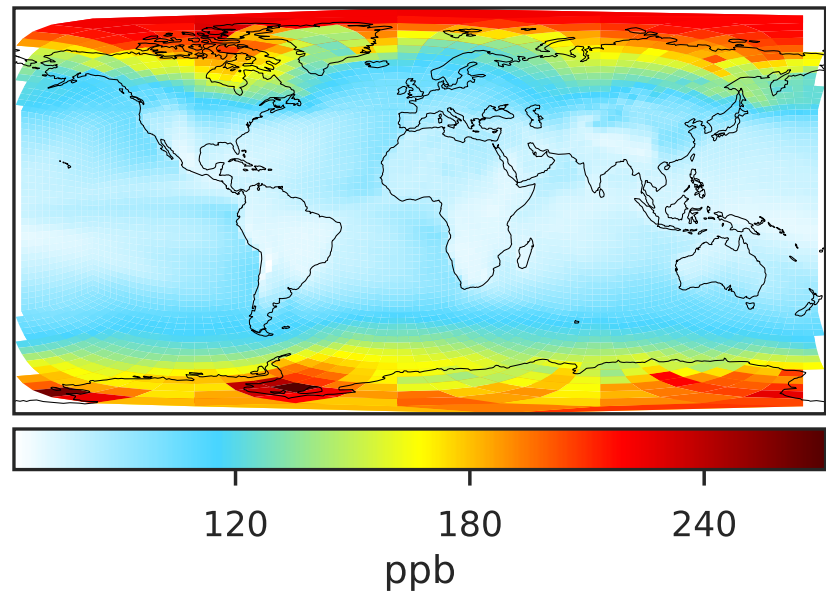


# SpeciesConcVV\_e90 (AnnualMean)

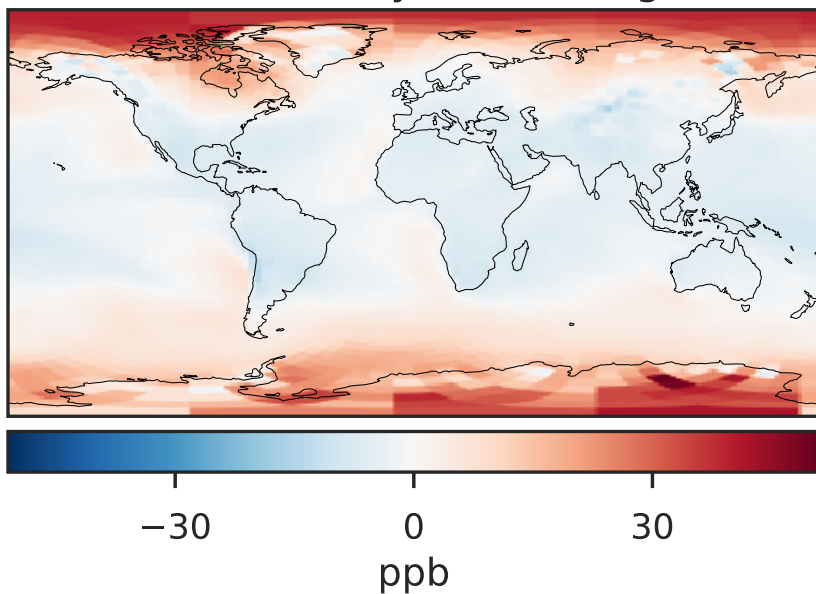
GCHP 14.2.2 using wind (Ref)  
c30



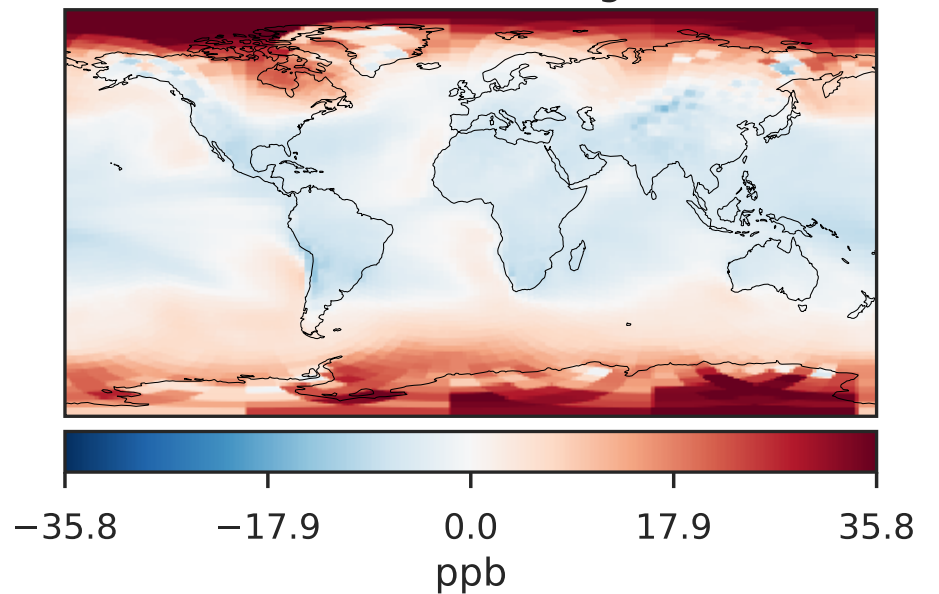
GCHP 14.2.2 using mass flux (Dev)  
c30



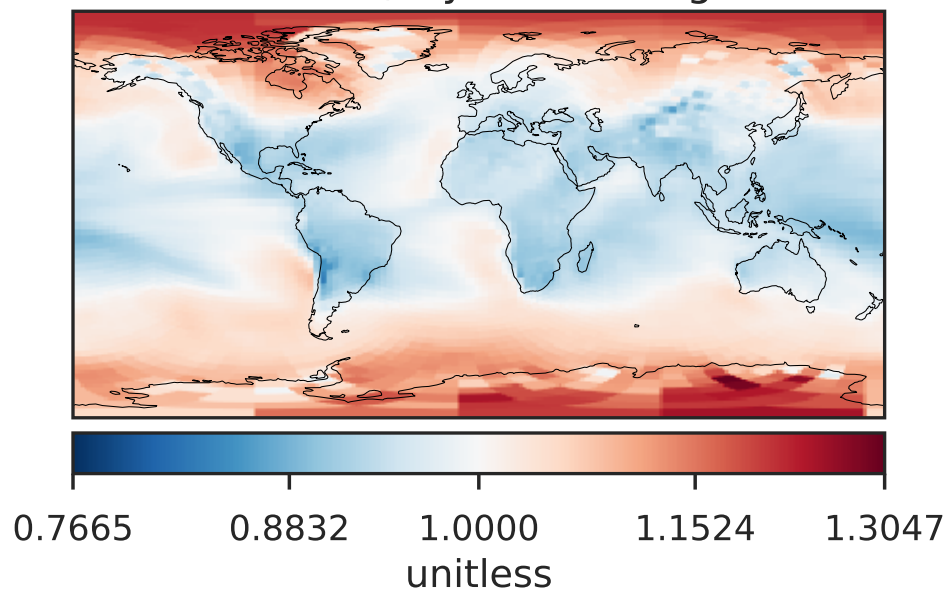
Difference (1x1.25)  
Dev - Ref, Dynamic Range



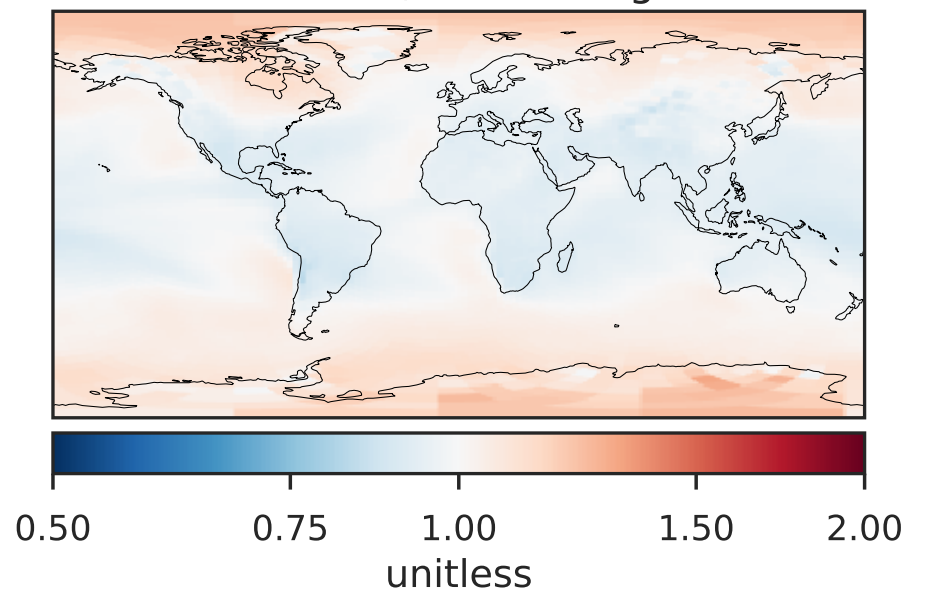
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

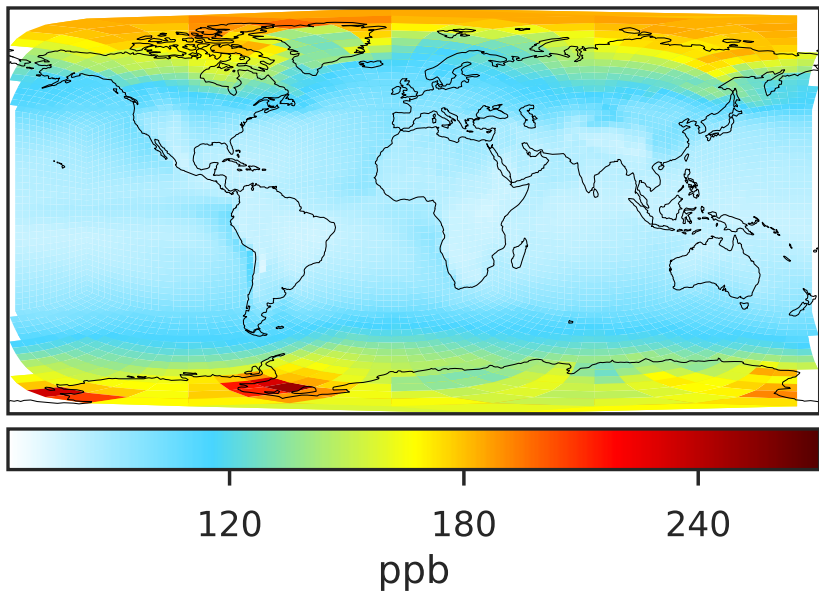


Ratio (1x1.25)  
Dev/Ref, Fixed Range

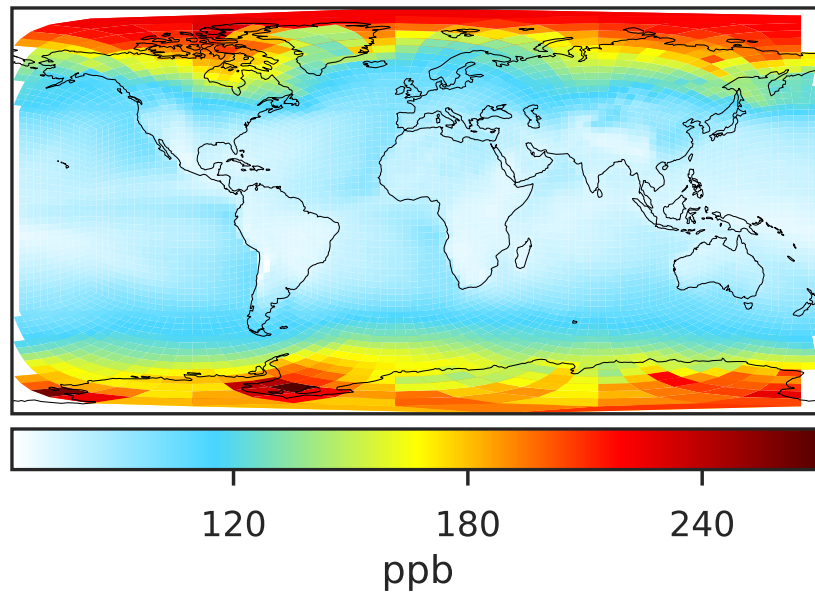


# SpeciesConcVV\_e90\_n (AnnualMean)

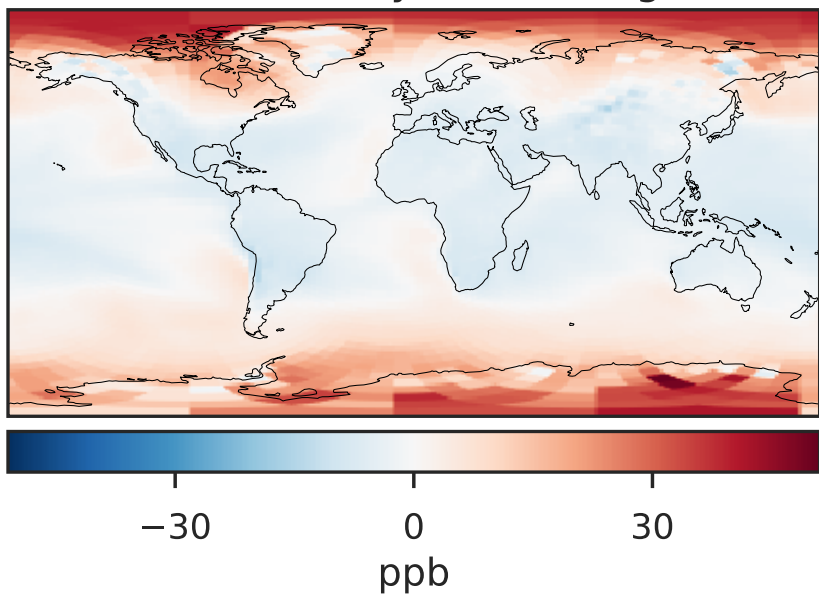
GCHP 14.2.2 using wind (Ref)  
c30



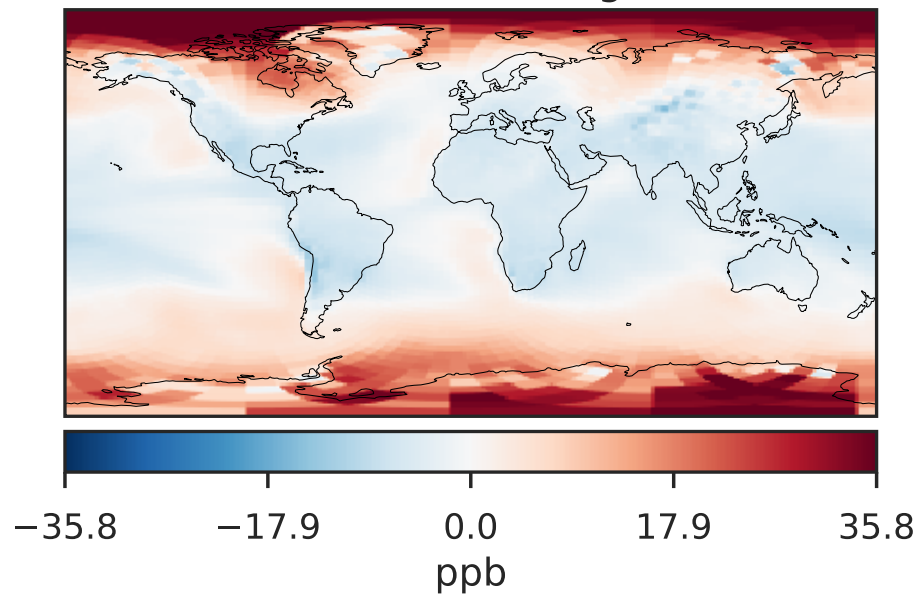
GCHP 14.2.2 using mass flux (Dev)  
c30



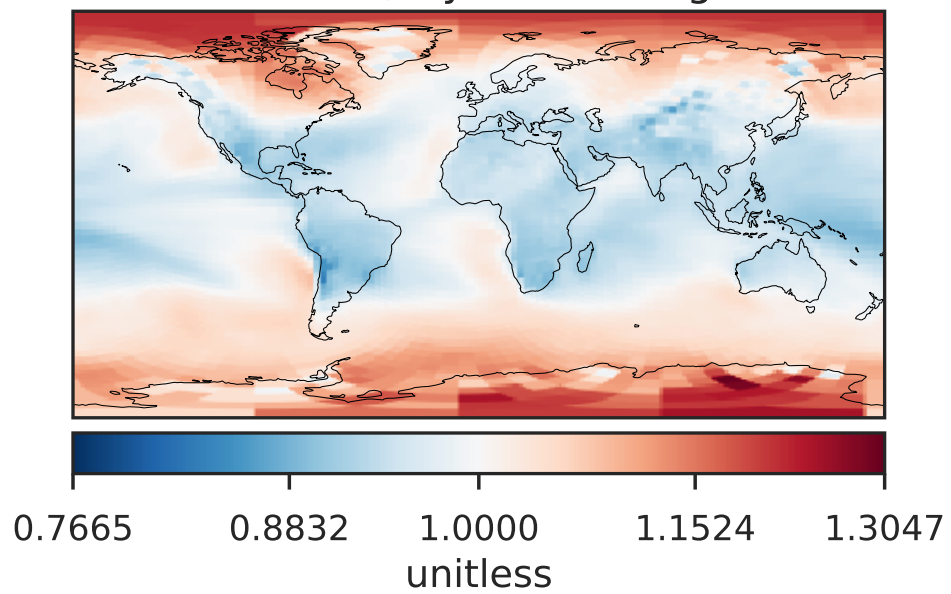
Difference (1x1.25)  
Dev - Ref, Dynamic Range



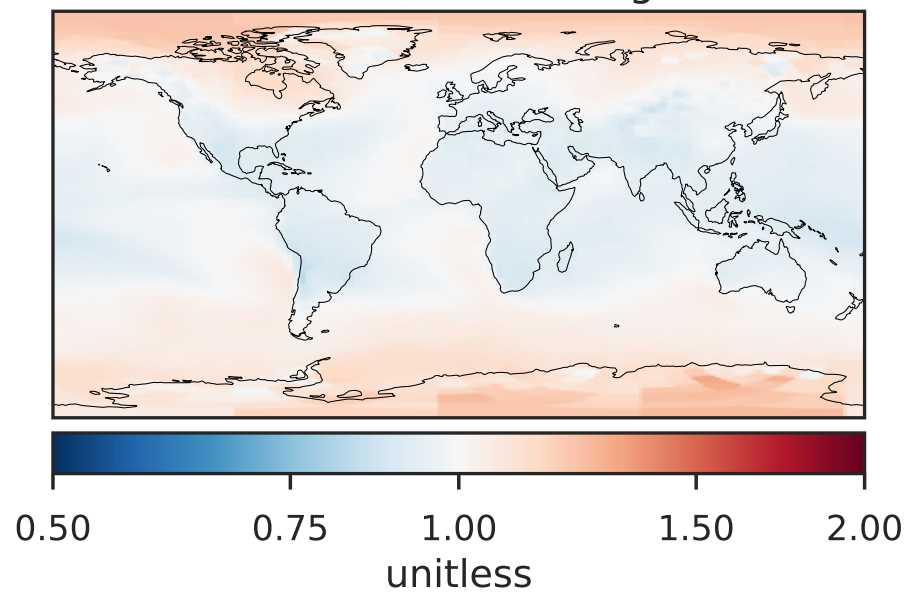
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

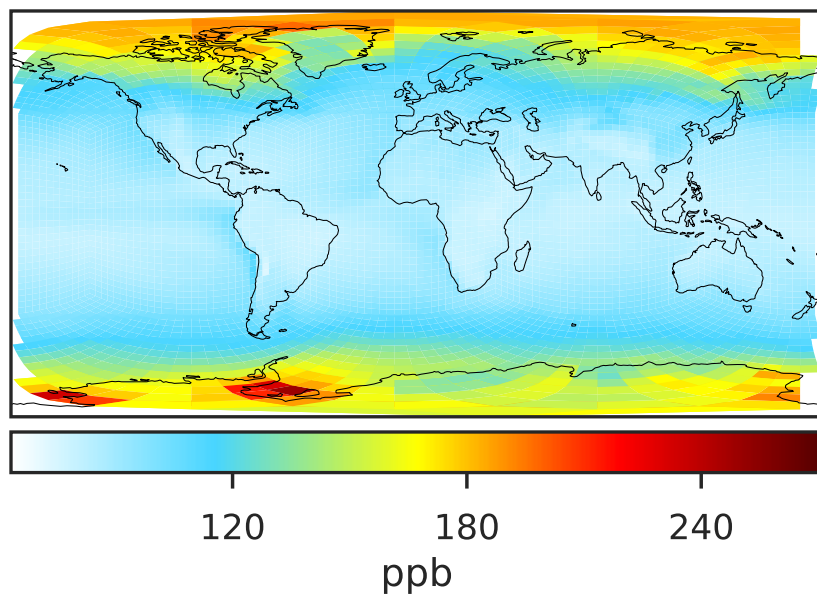


Ratio (1x1.25)  
Dev/Ref, Fixed Range

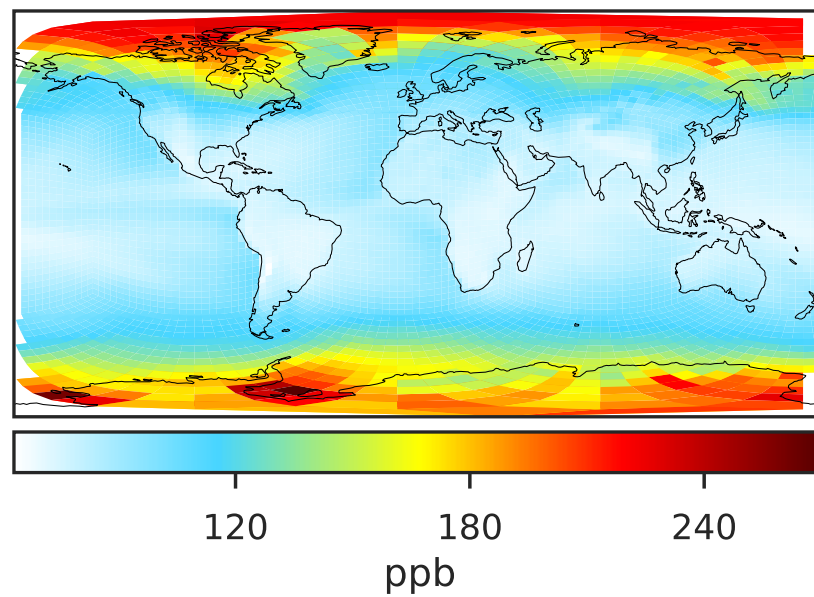


# SpeciesConcVV\_e90\_s (AnnualMean)

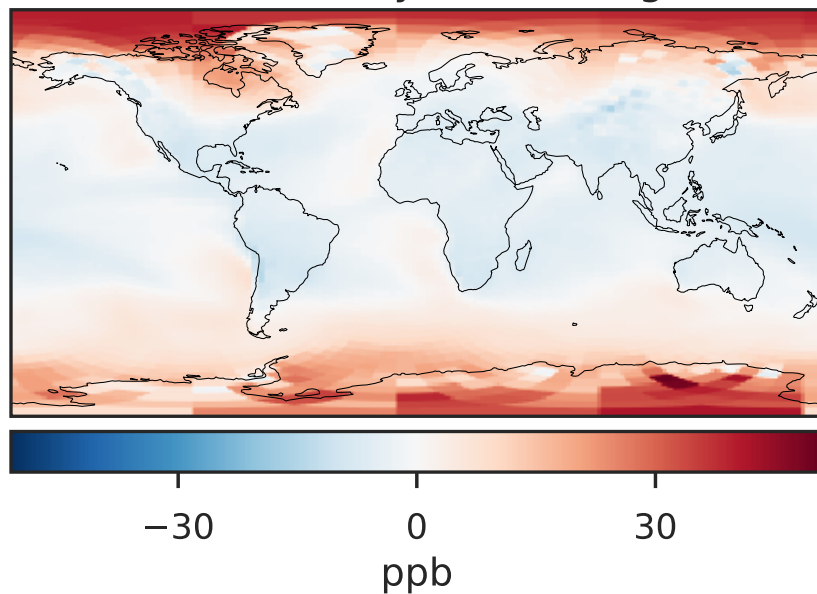
GCHP 14.2.2 using wind (Ref)  
c30



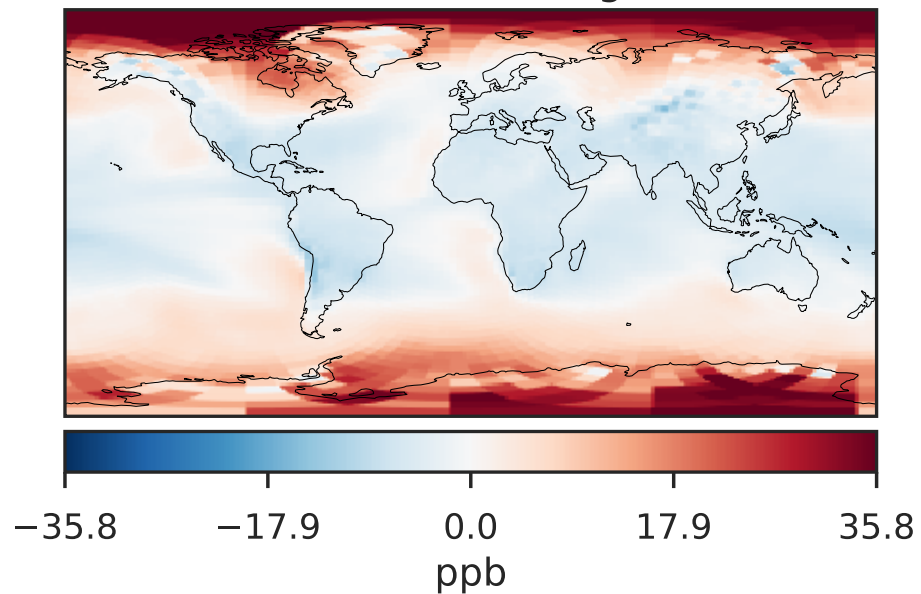
GCHP 14.2.2 using mass flux (Dev)  
c30



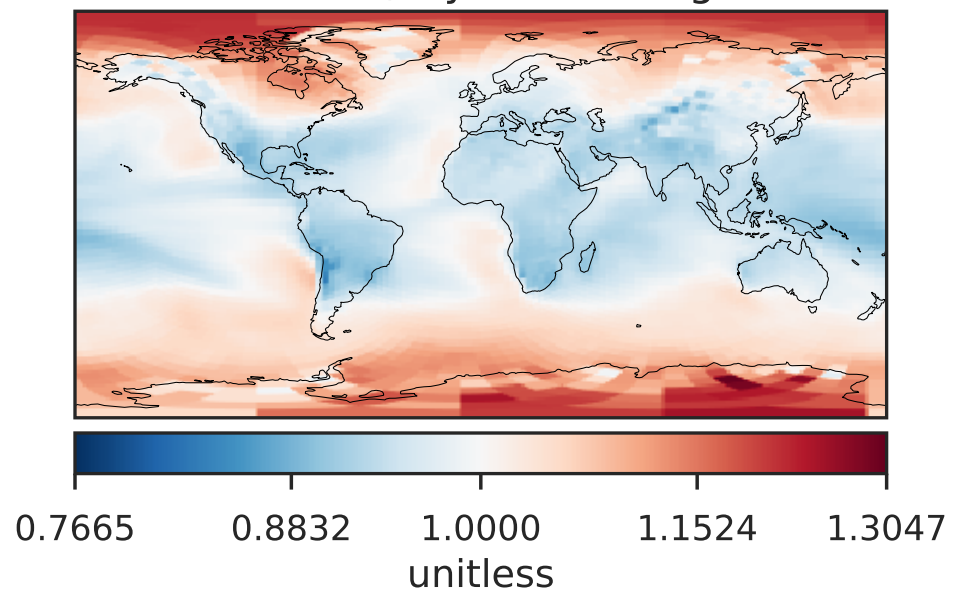
Difference (1x1.25)  
Dev - Ref, Dynamic Range



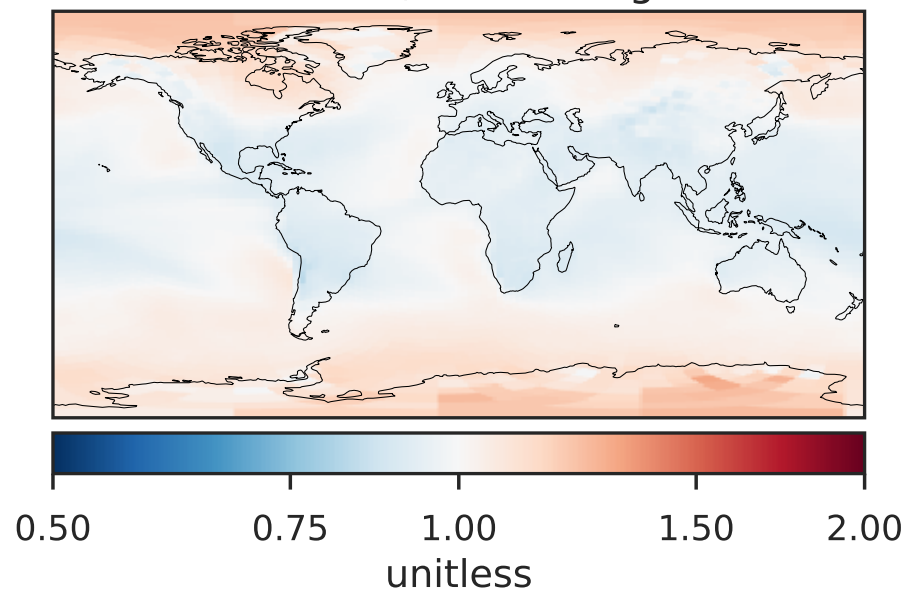
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

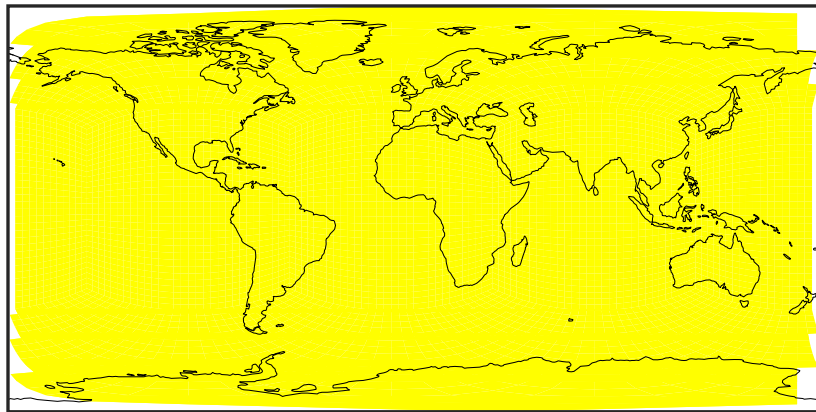


Ratio (1x1.25)  
Dev/Ref, Fixed Range



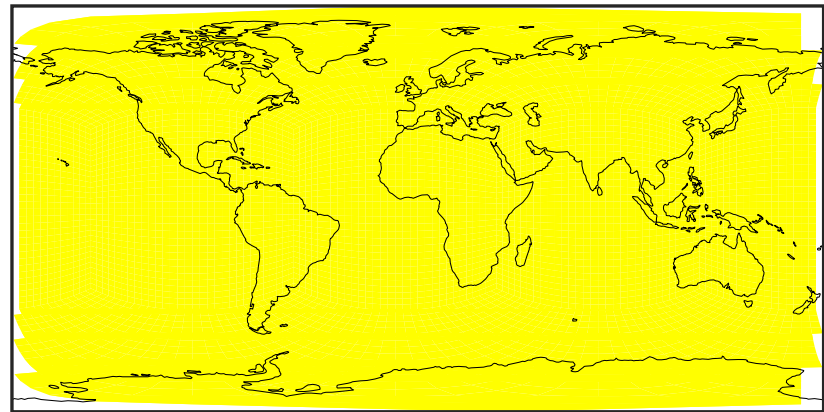
# SpeciesConcVV\_st80\_25 (AnnualMean)

GCHP 14.2.2 using wind (Ref)  
c30



180 190 200 210  
ppb

GCHP 14.2.2 using mass flux (Dev)  
c30



180 190 200 210  
ppb

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



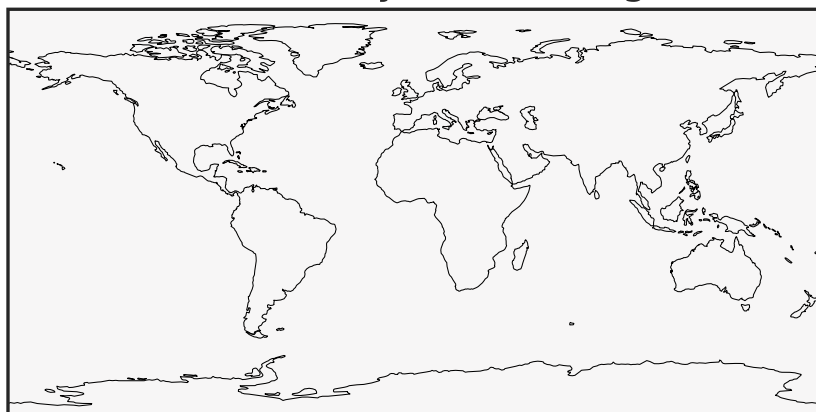
Zero throughout domain  
ppb

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



Zero throughout domain  
ppb

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



Ref and Dev equal throughout domain  
unitless

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



Ref and Dev equal throughout domain  
unitless