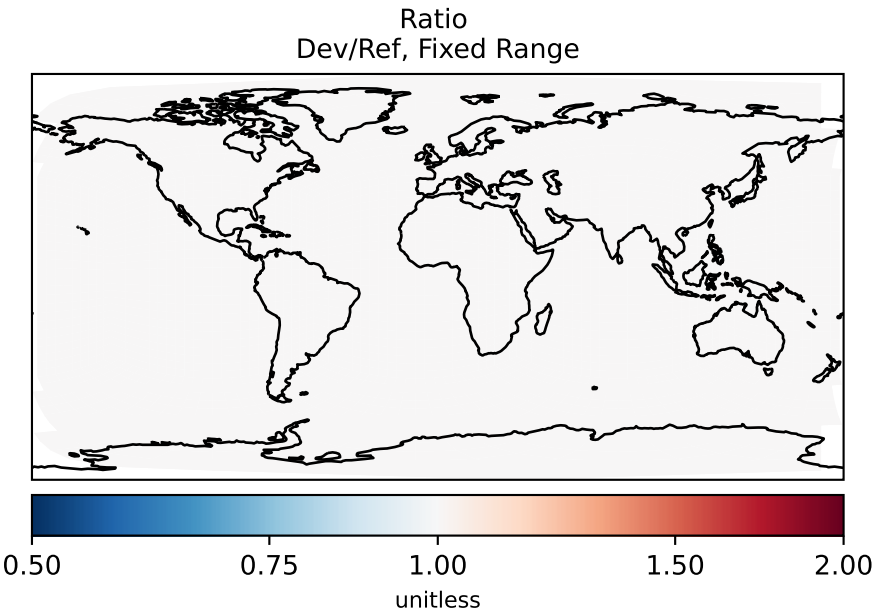
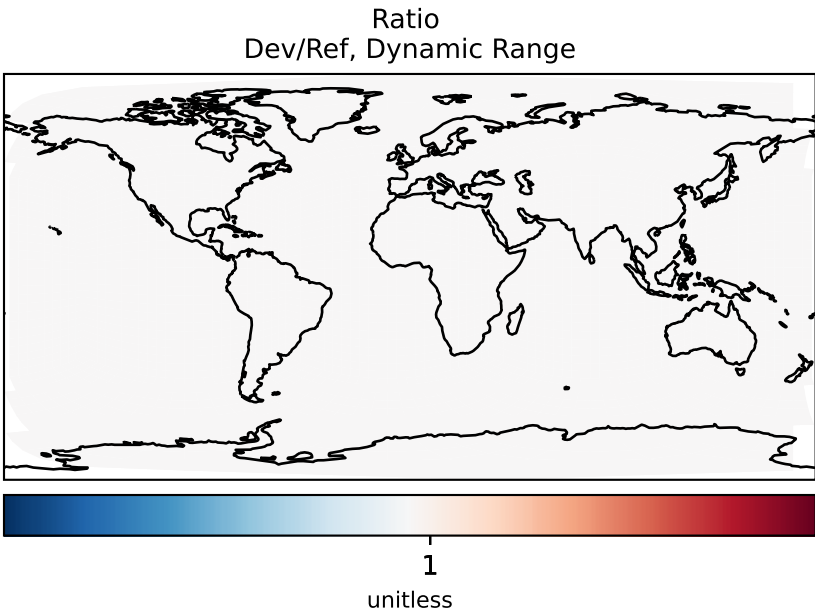
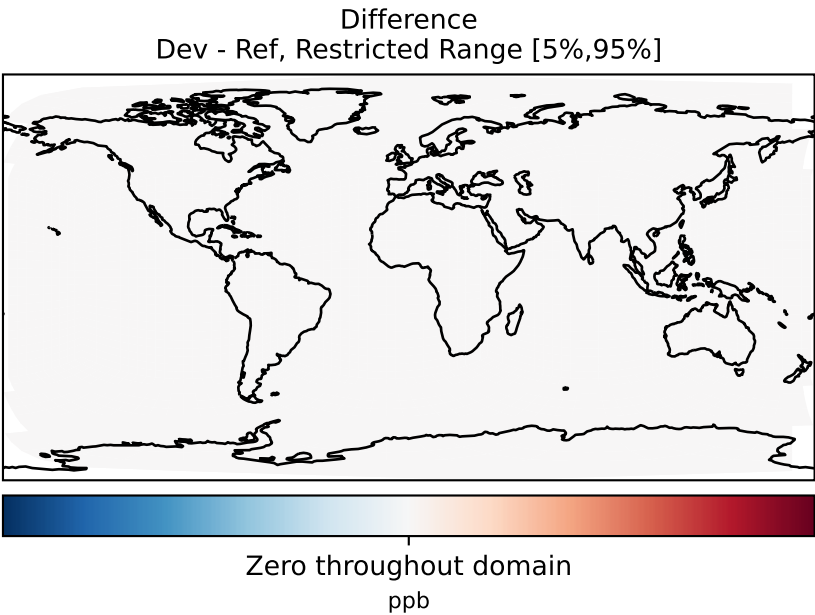
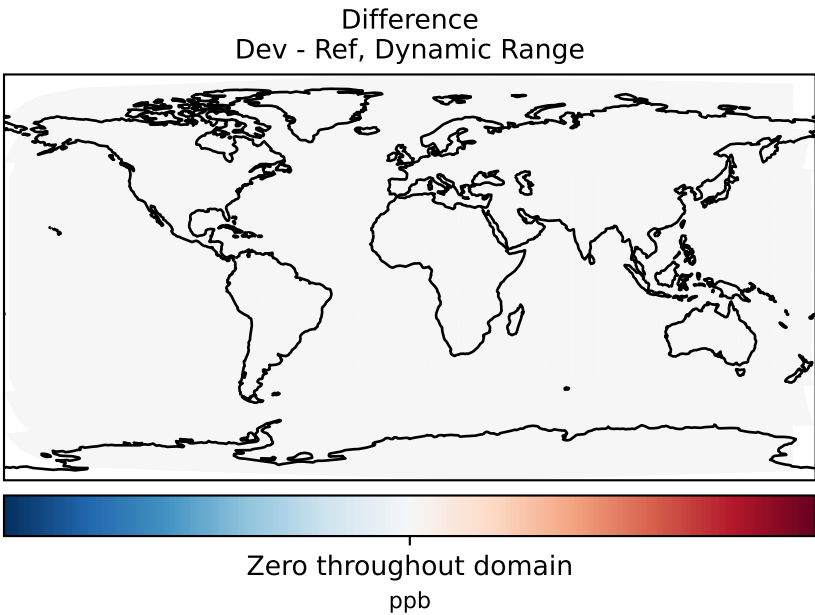
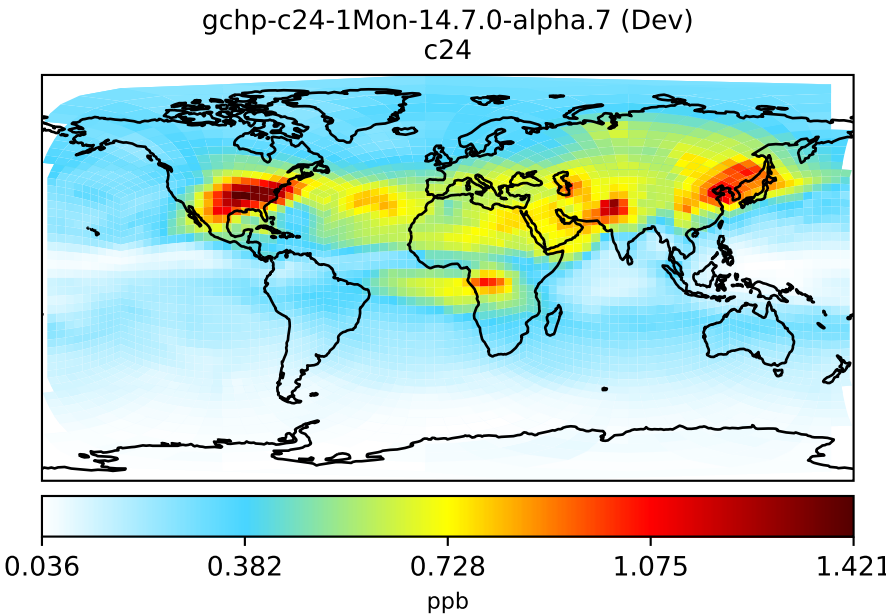
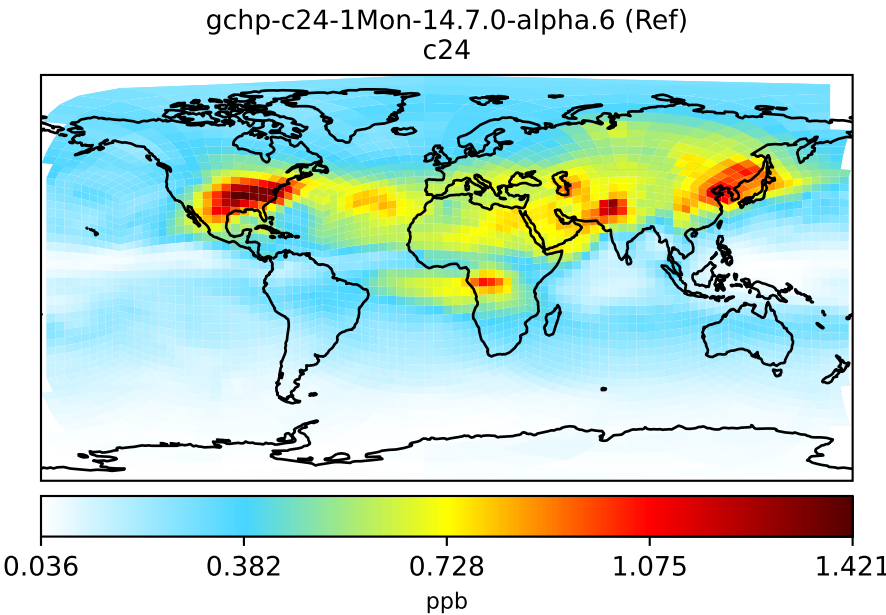
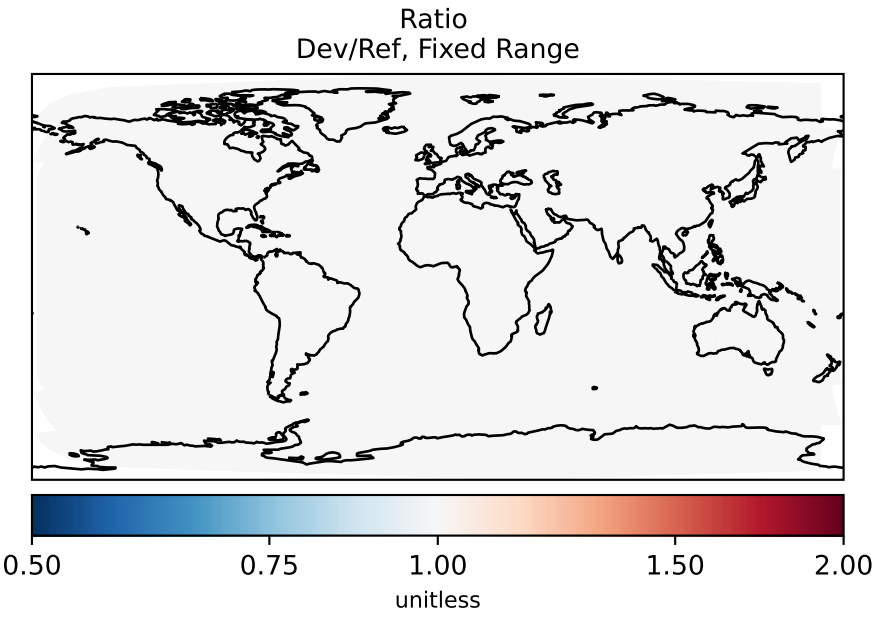
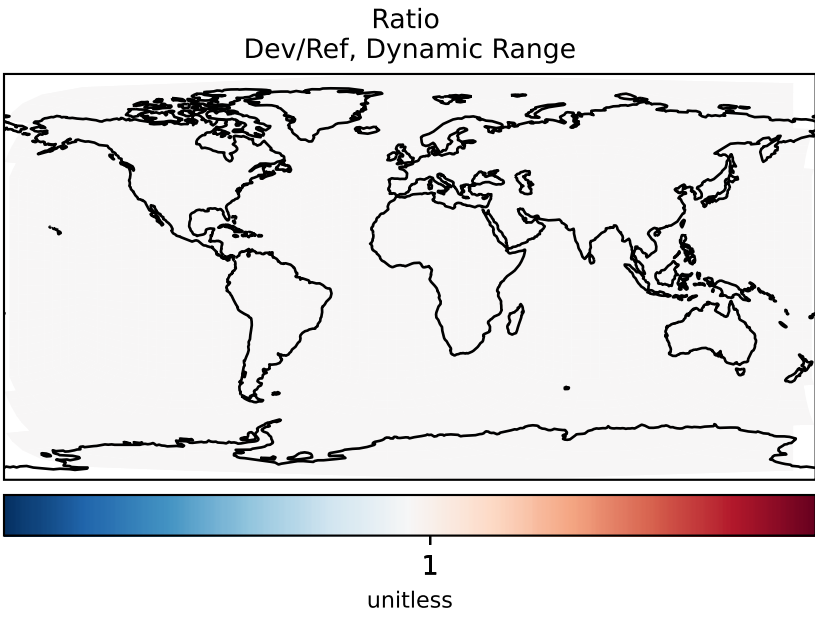
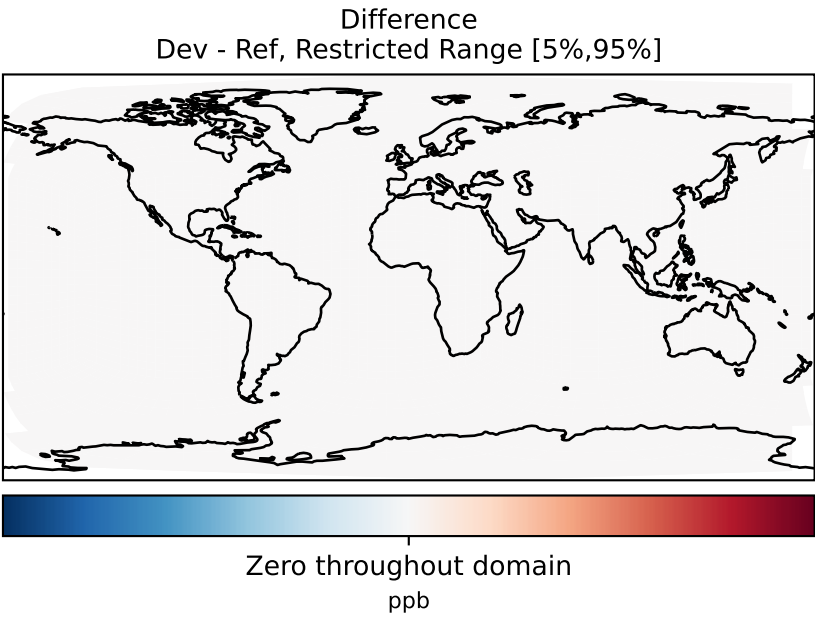
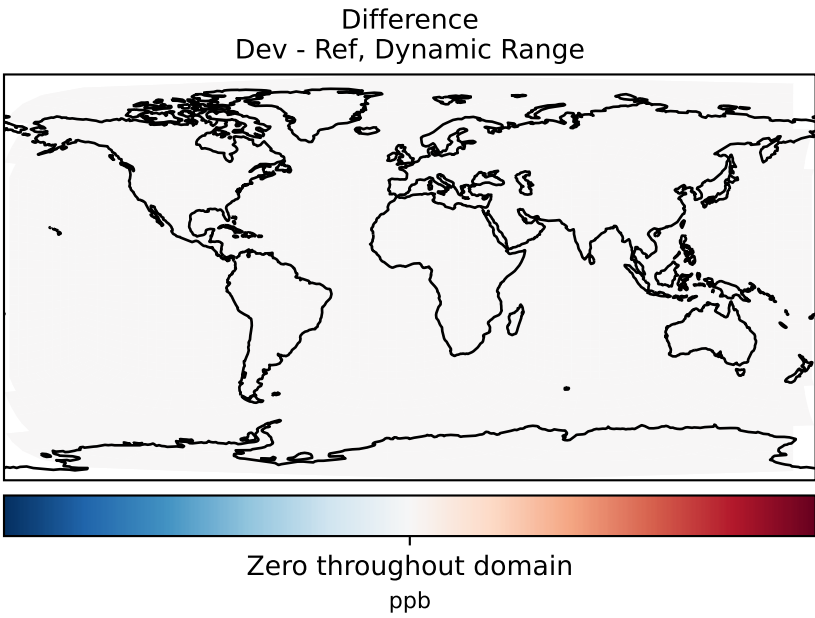
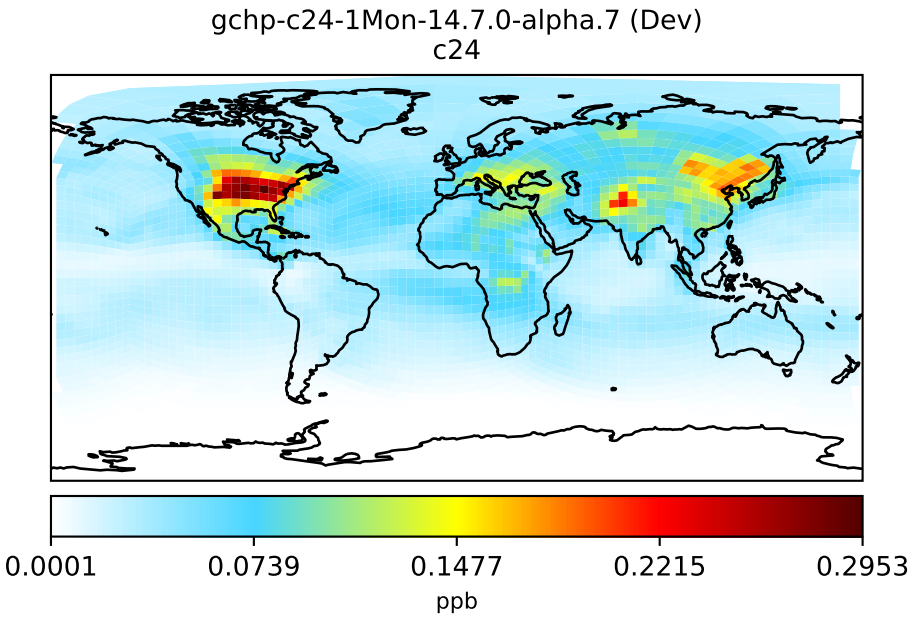
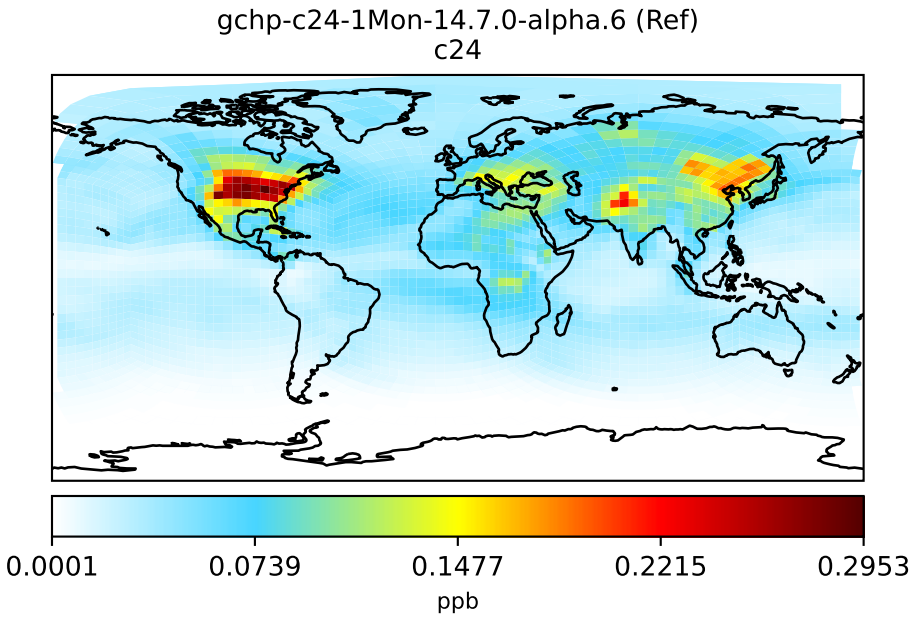


SpeciesConcVV_NOy

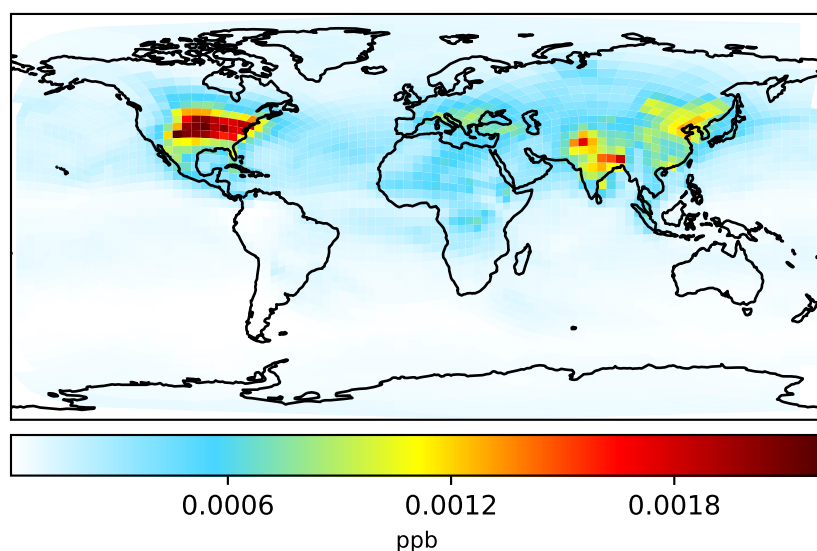


SpeciesConcVV_NOx

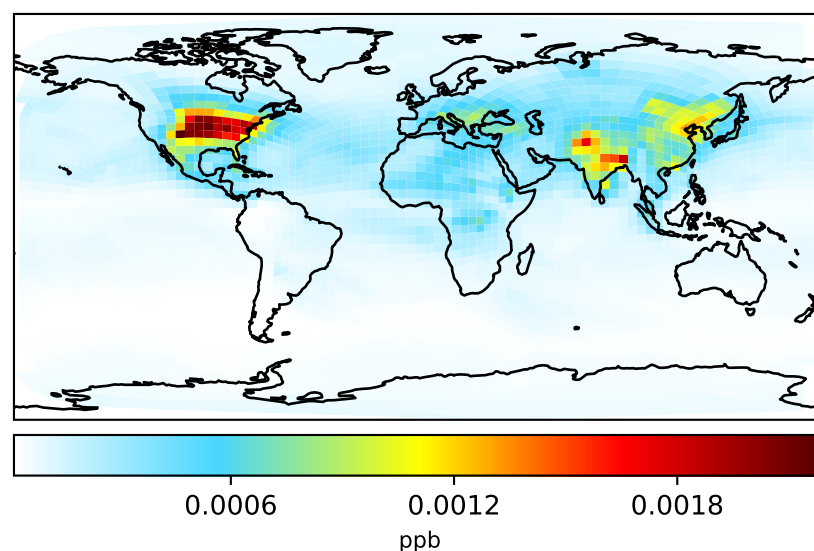


SpeciesConcVV_HNO2

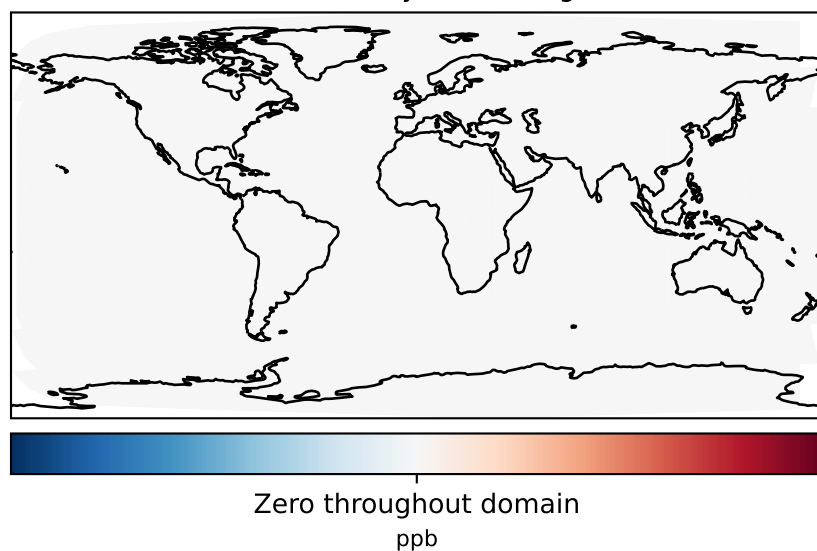
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



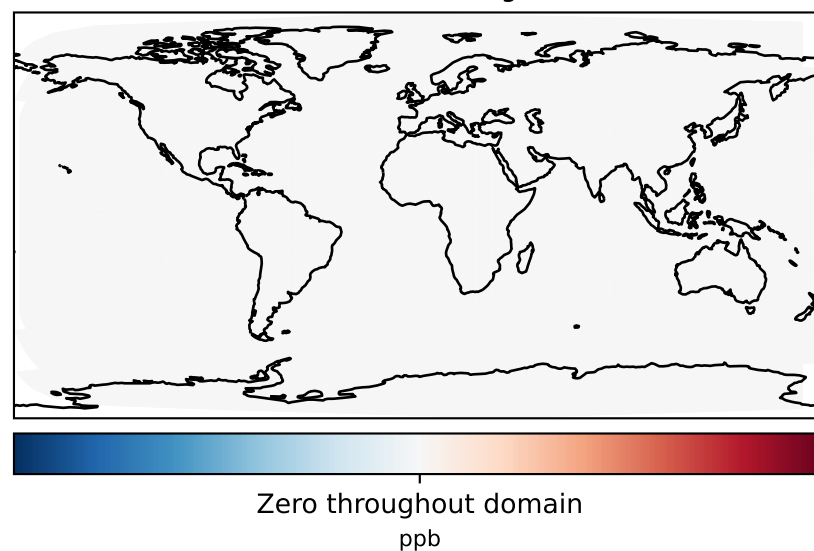
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



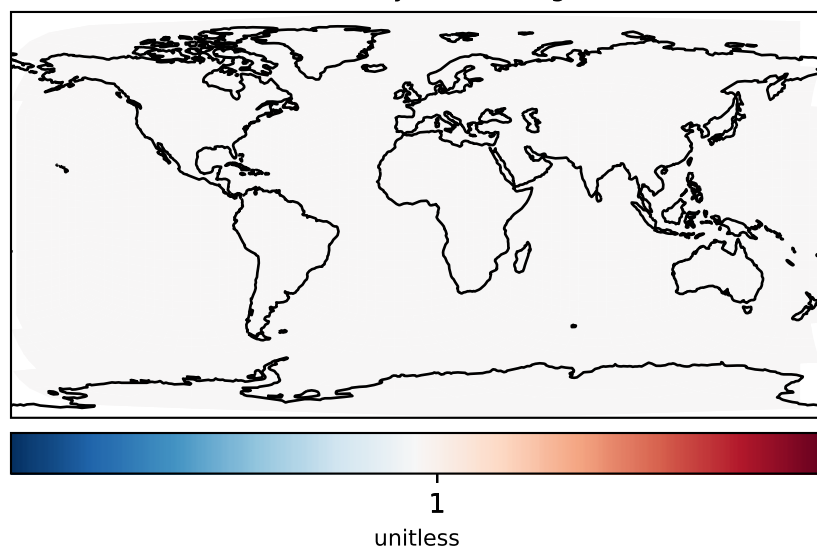
Difference
Dev - Ref, Dynamic Range



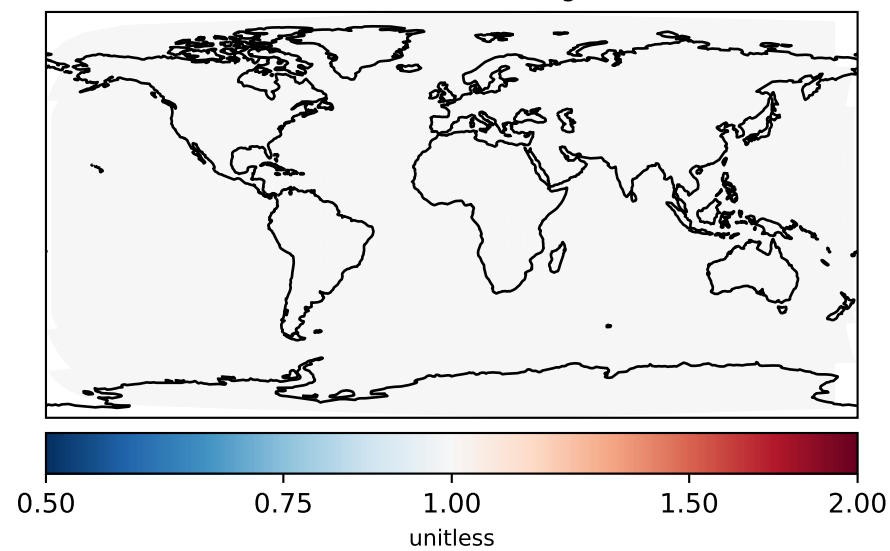
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

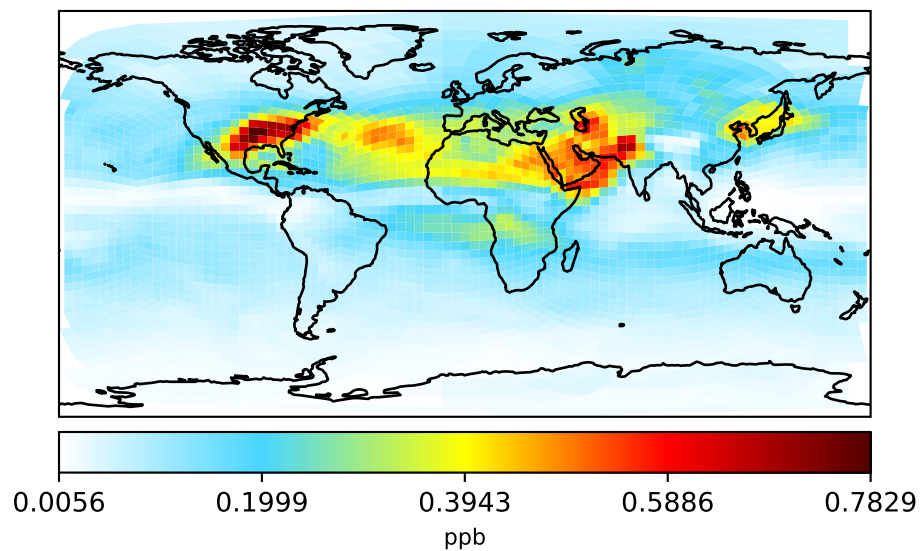


Ratio
Dev/Ref, Fixed Range

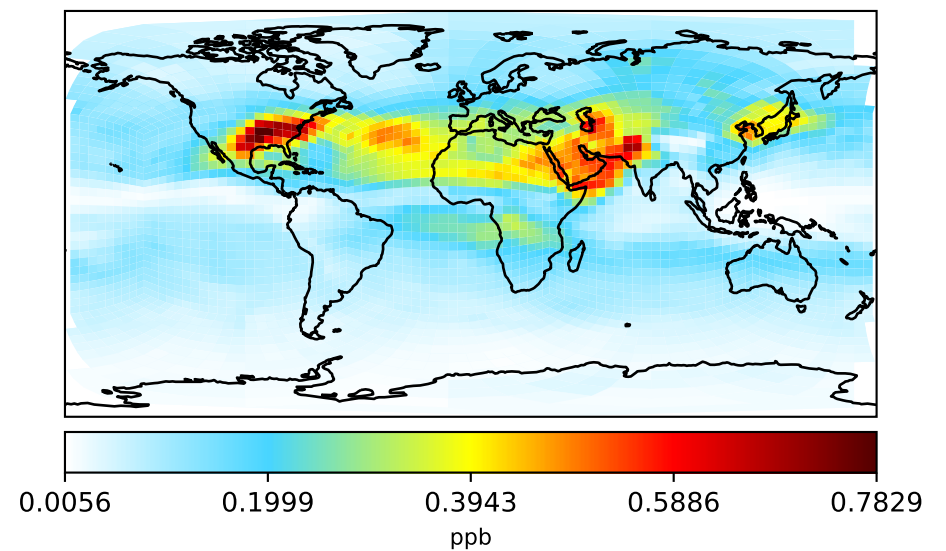


SpeciesConcVV_HNO3

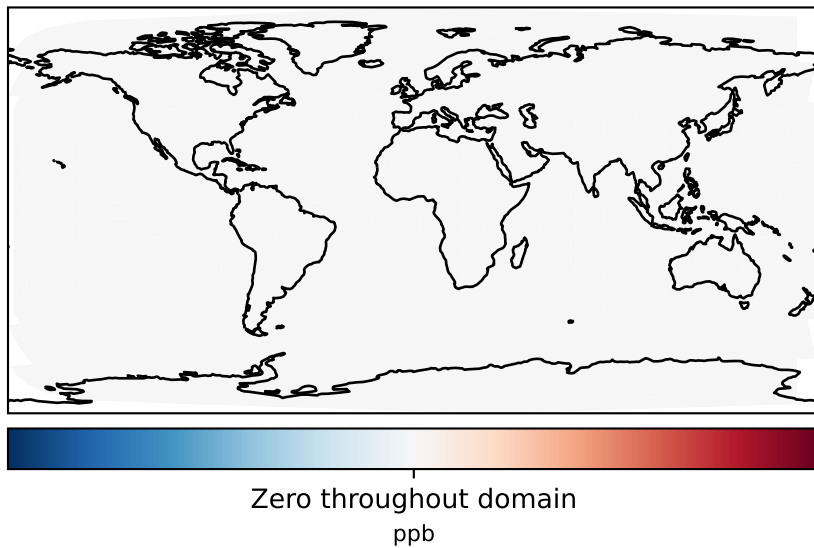
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



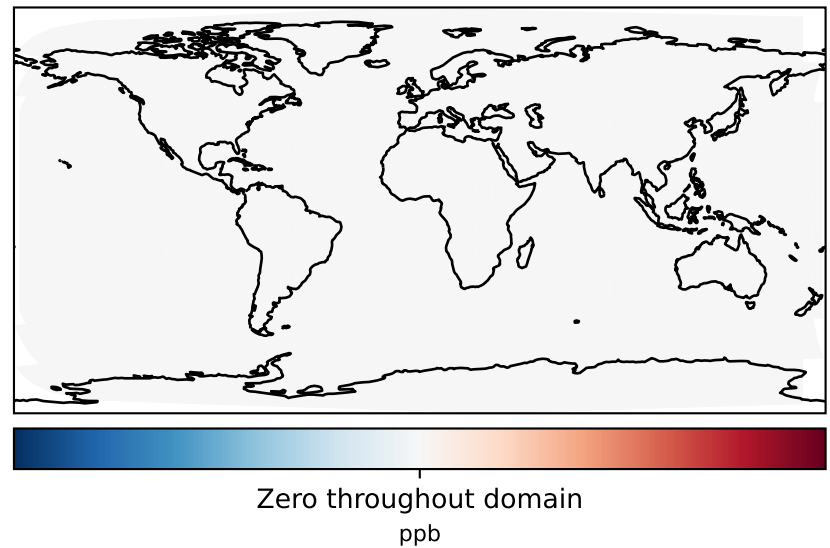
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



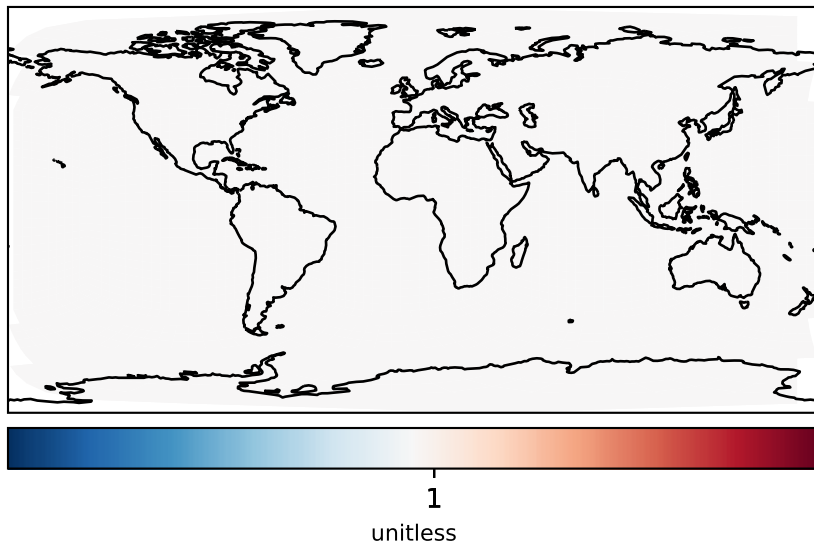
Difference
Dev - Ref, Dynamic Range



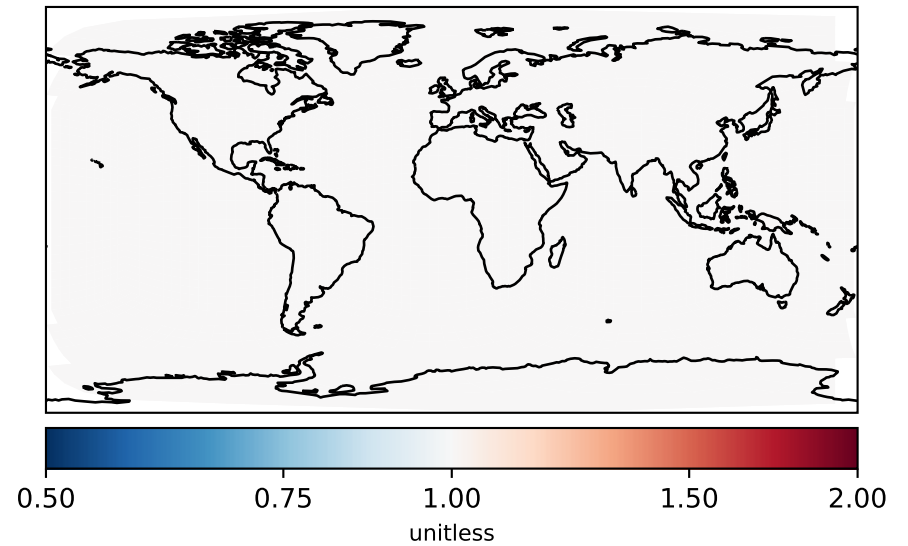
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

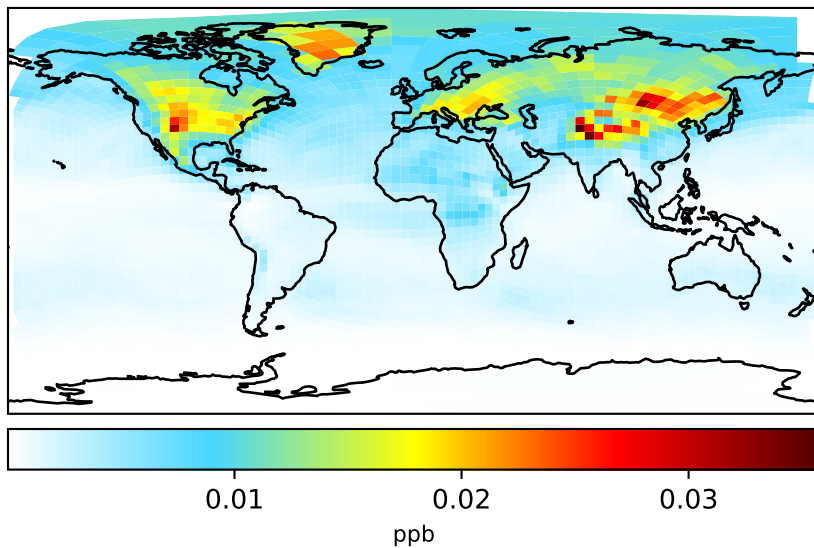


Ratio
Dev/Ref, Fixed Range

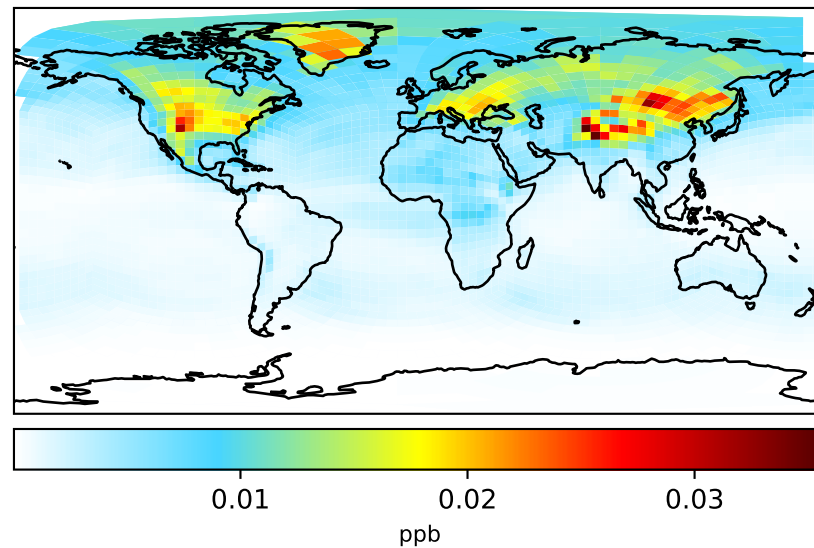


SpeciesConcVV_HNO4

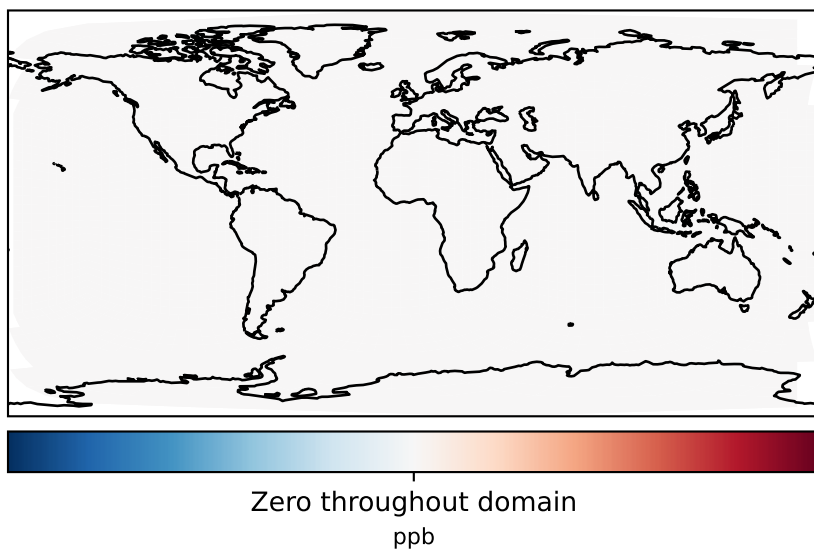
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



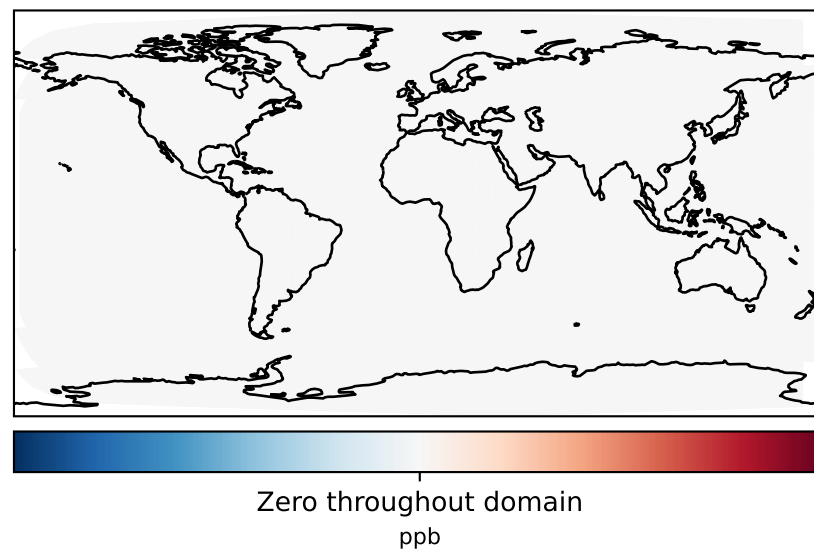
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



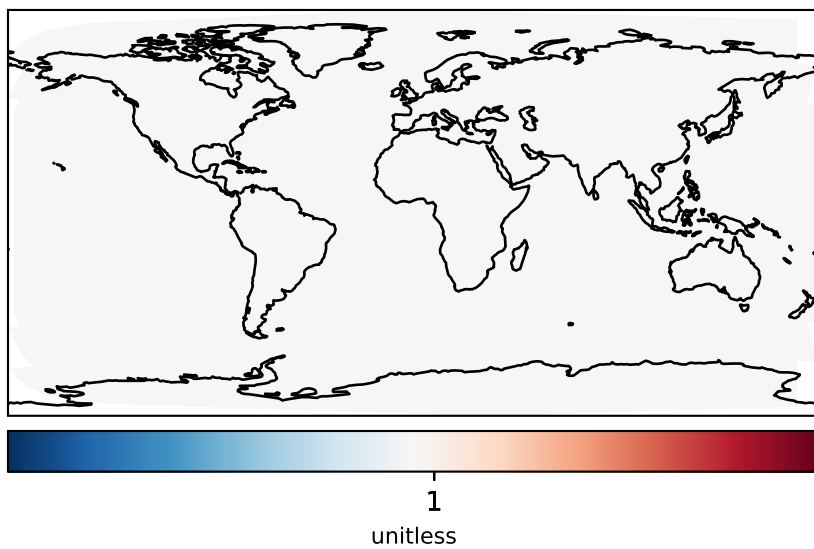
Difference
Dev - Ref, Dynamic Range



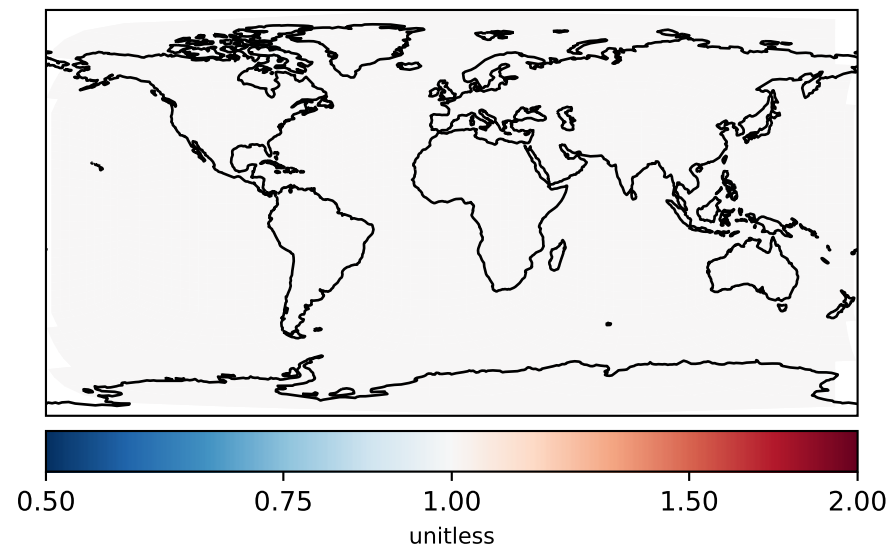
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

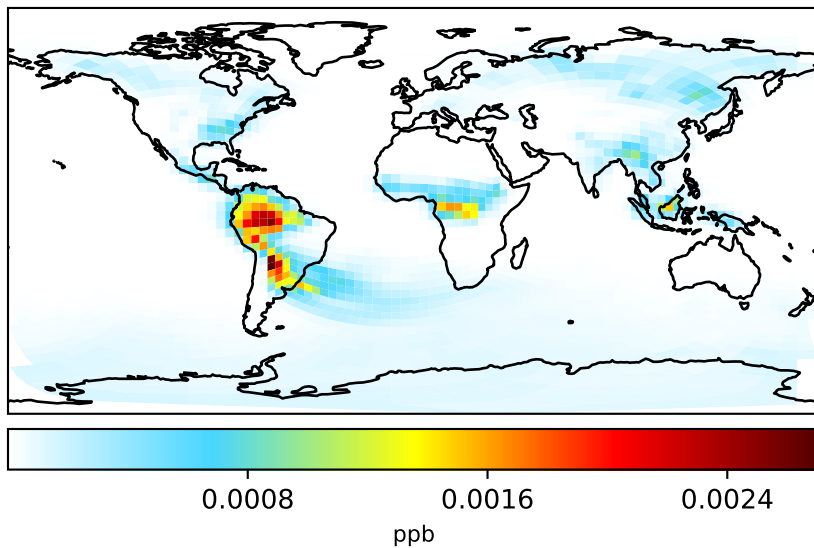


Ratio
Dev/Ref, Fixed Range

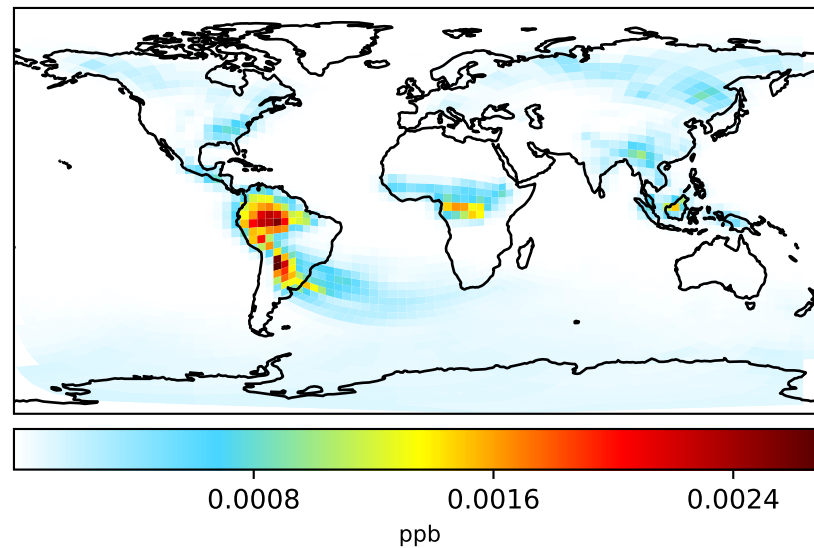


SpeciesConcVV_MPAN

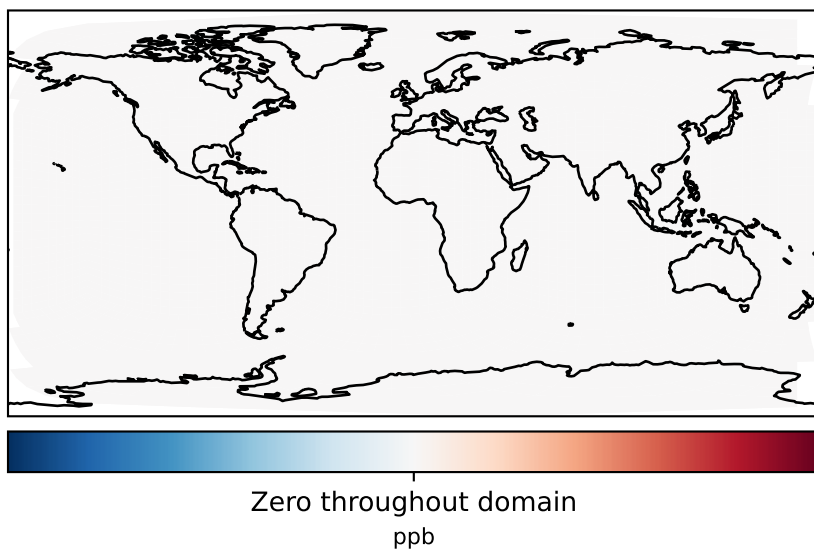
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



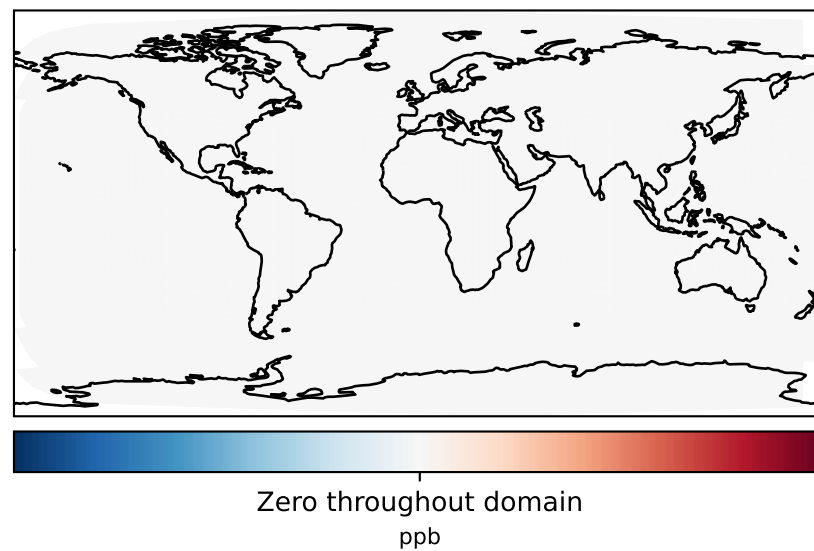
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



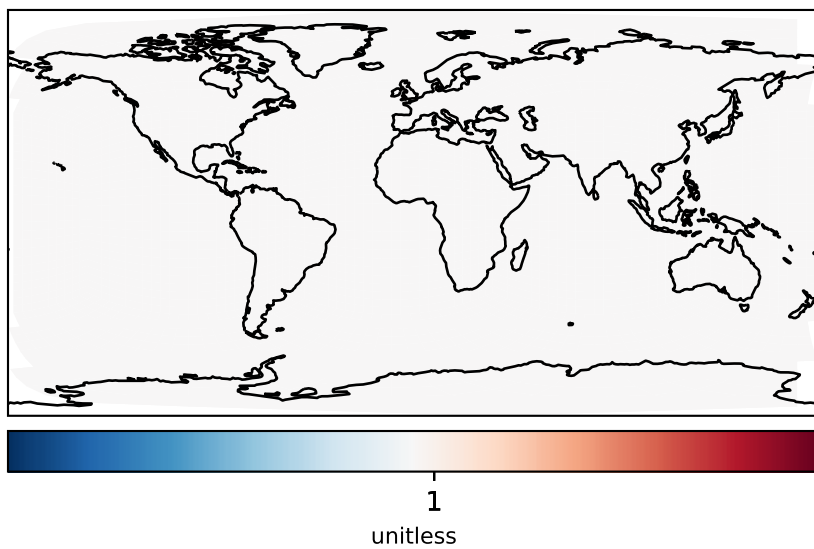
Difference
Dev - Ref, Dynamic Range



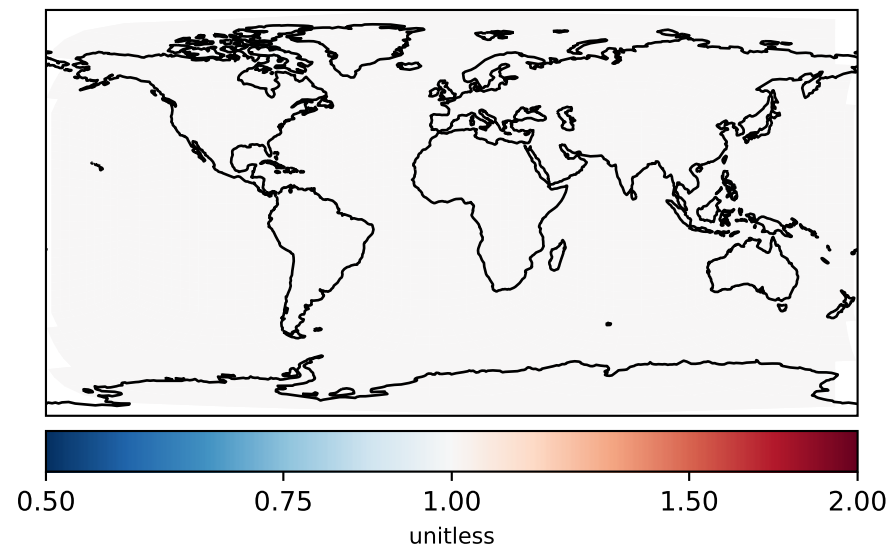
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

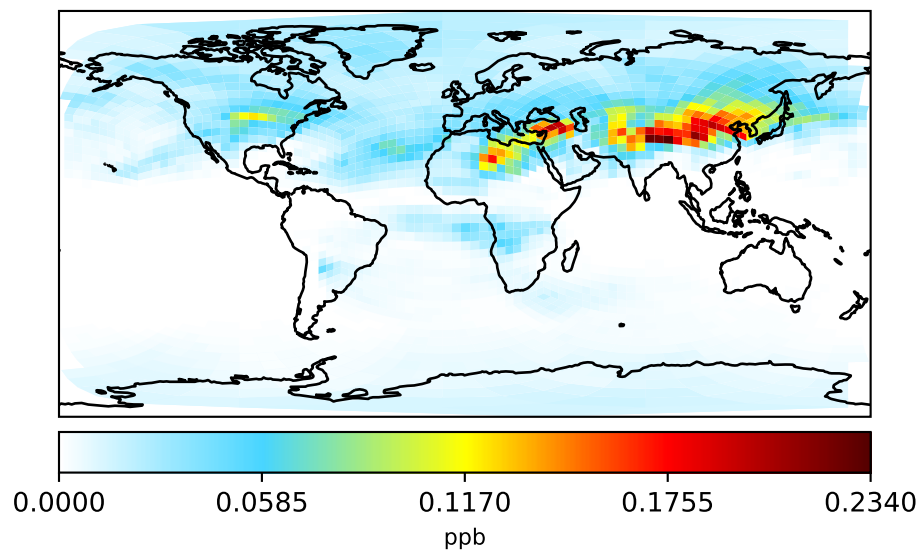


Ratio
Dev/Ref, Fixed Range

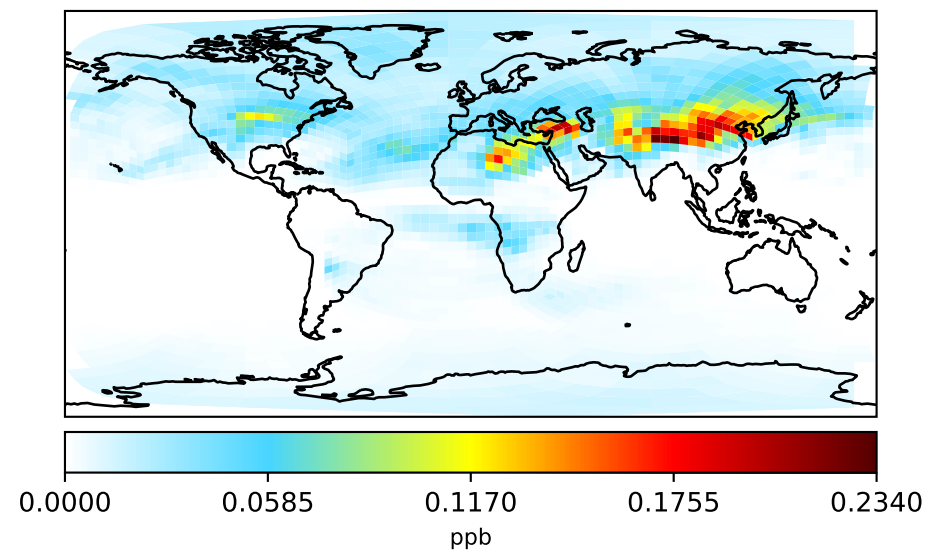


SpeciesConcVV_NIT

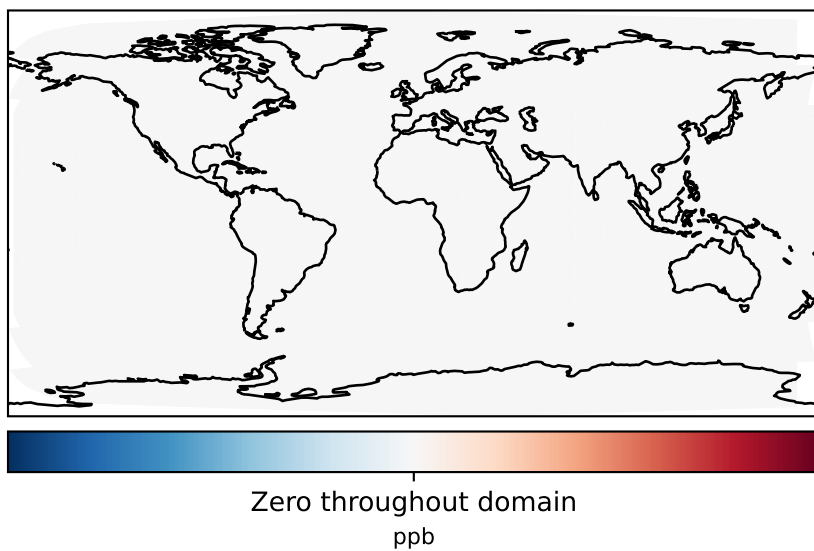
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



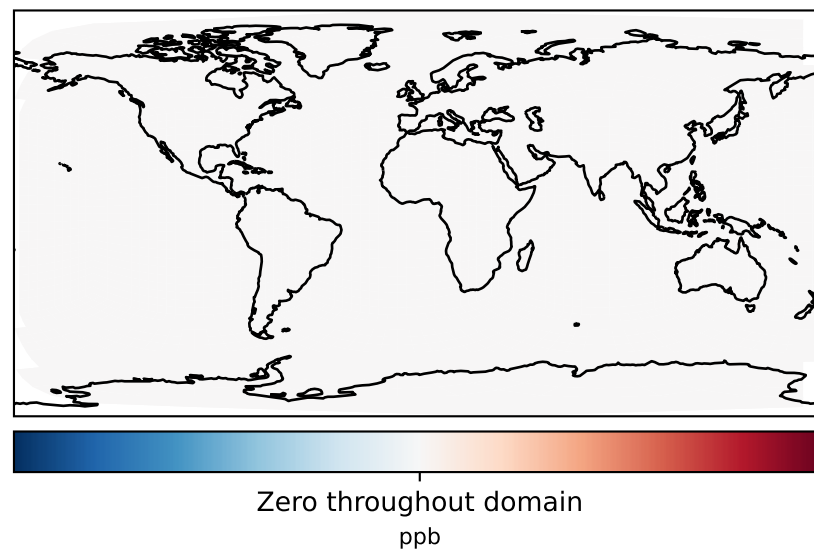
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



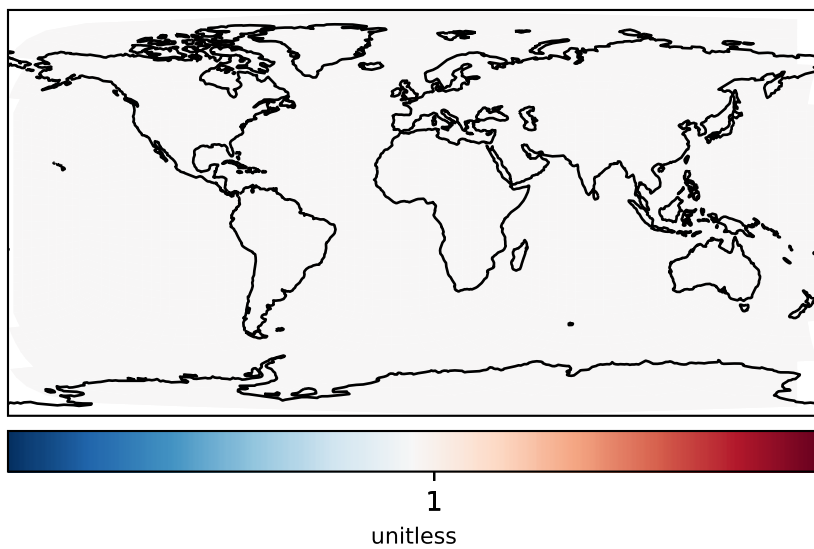
Difference
Dev - Ref, Dynamic Range



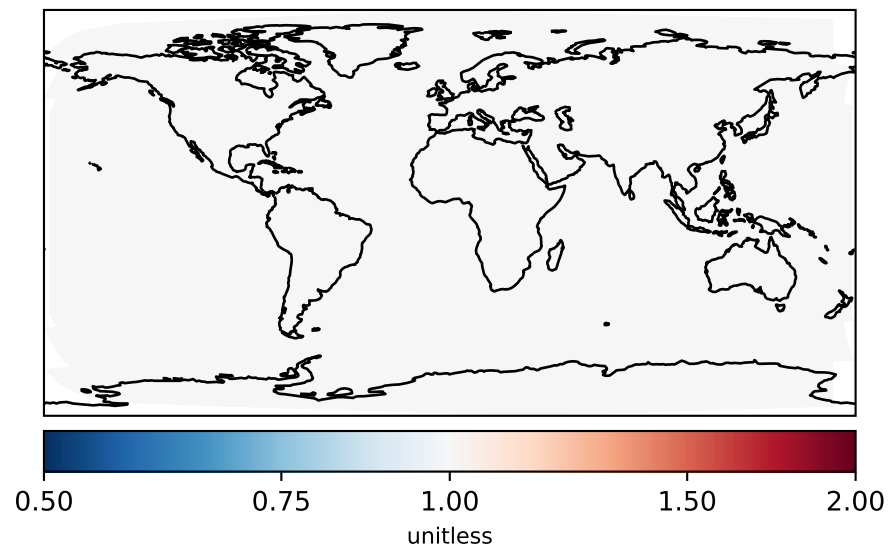
Difference
Dev - Ref, Restricted Range [5%,95%]



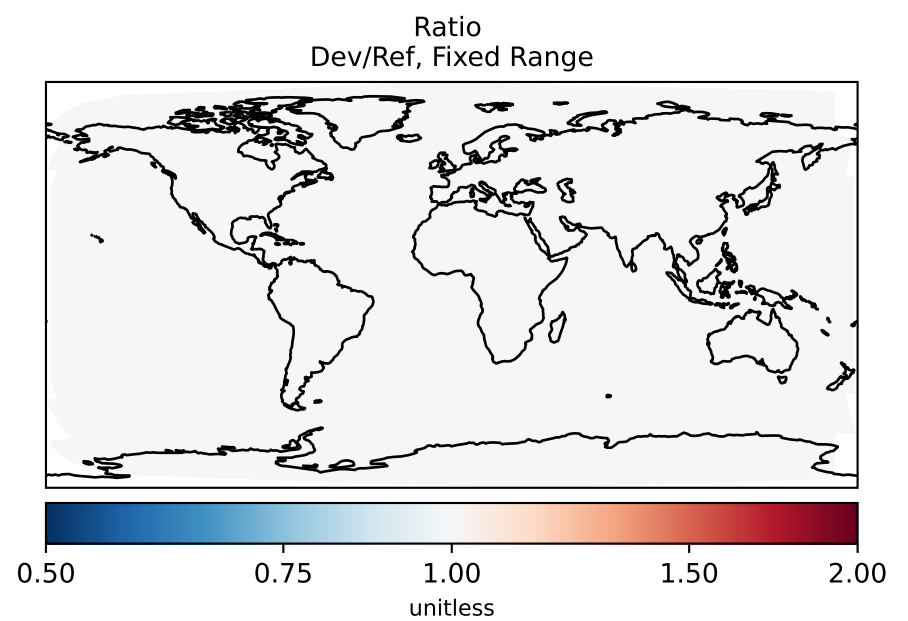
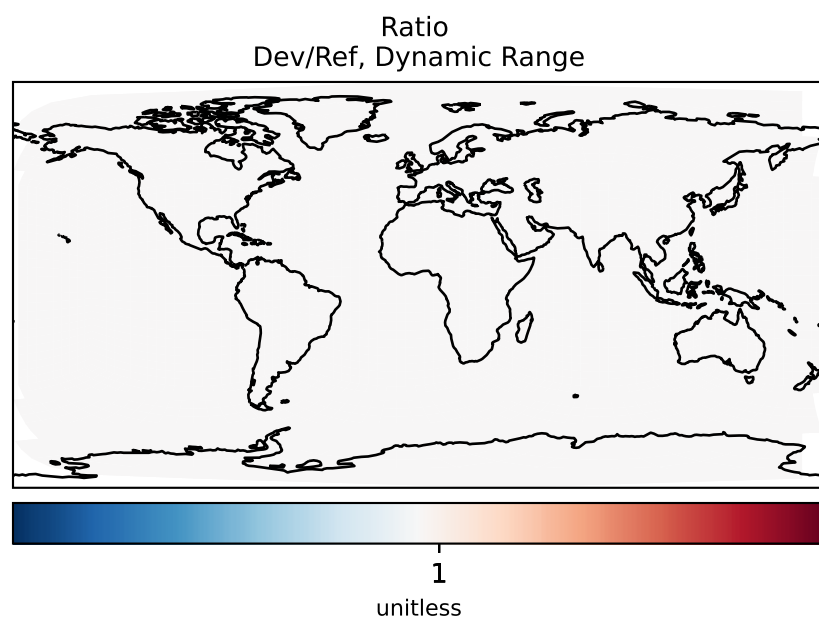
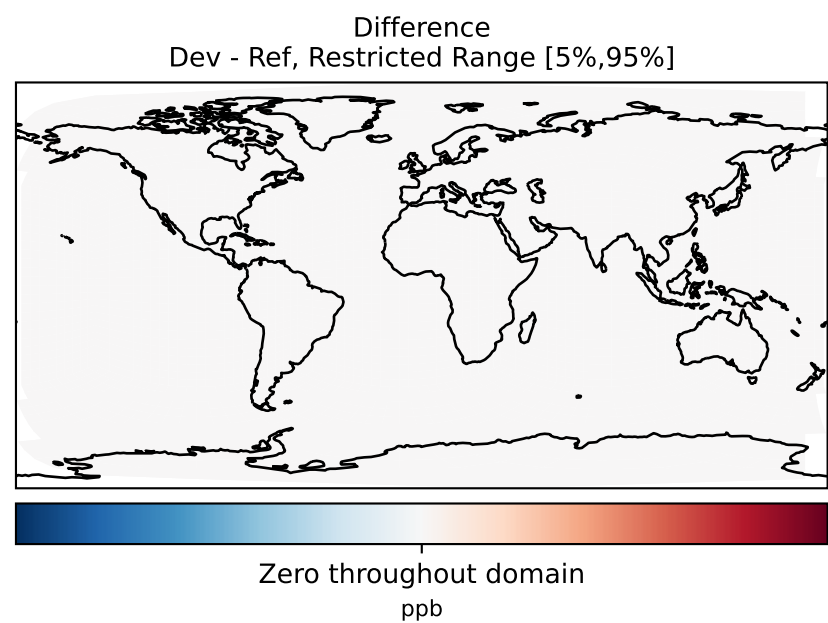
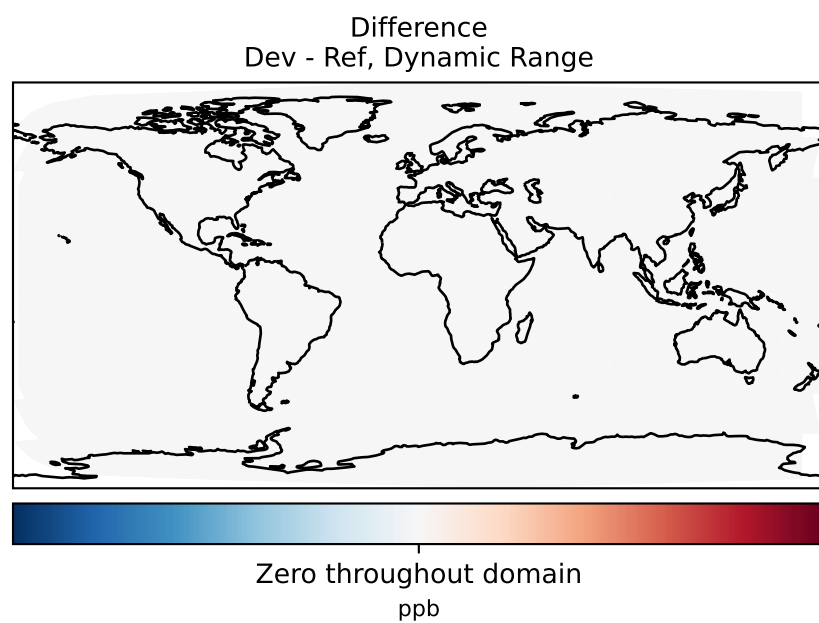
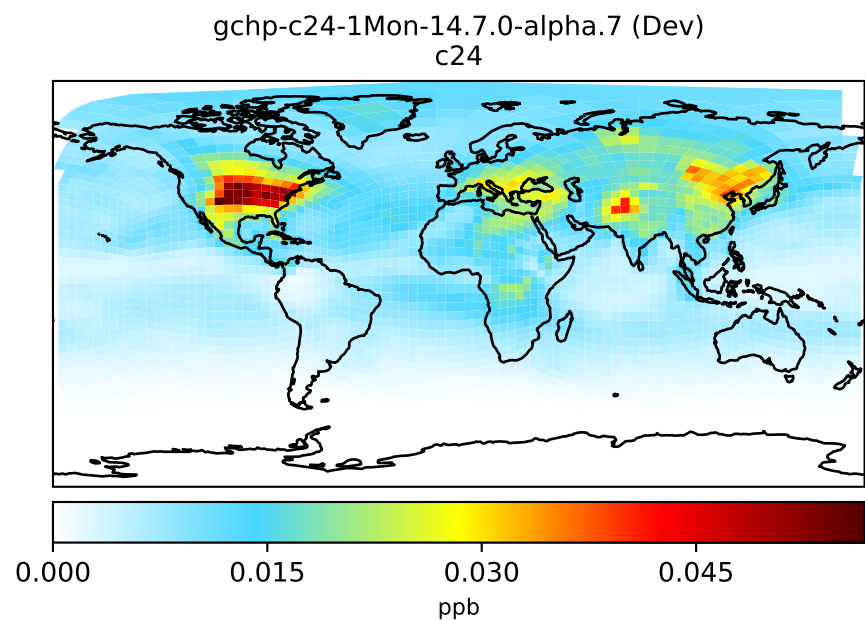
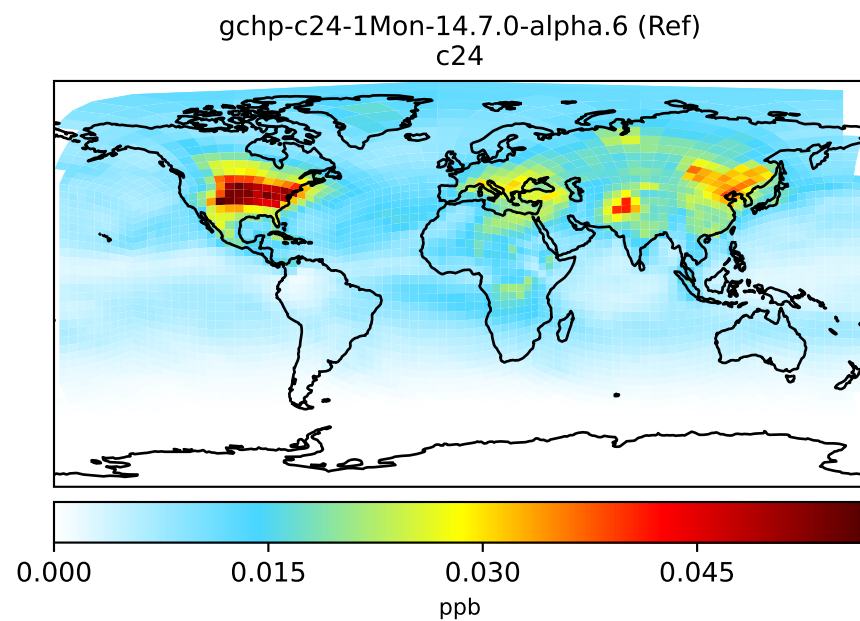
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

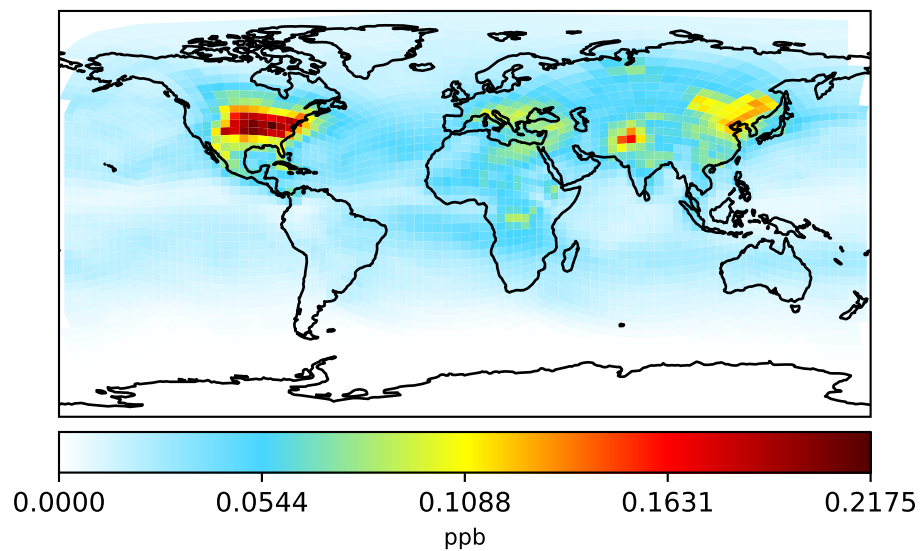


SpeciesConcVV_NO

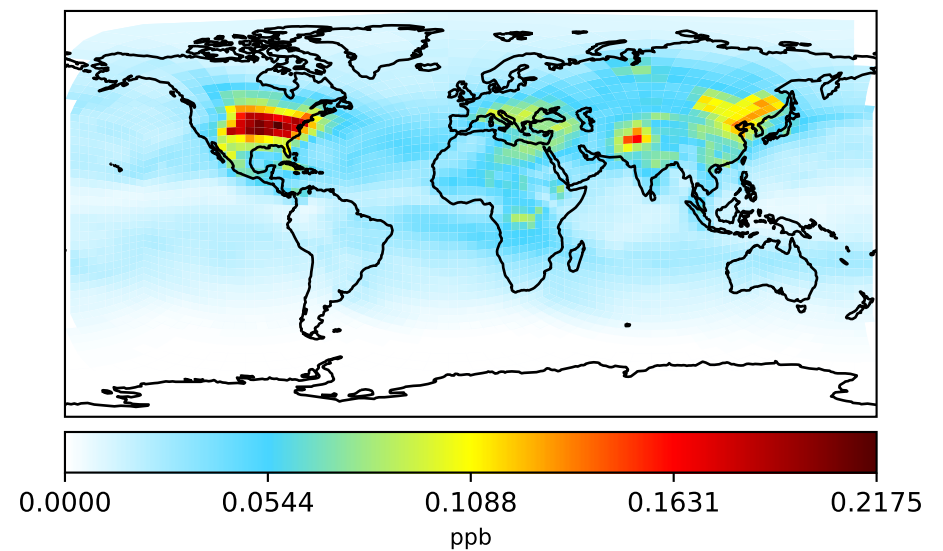


SpeciesConcVV_NO2

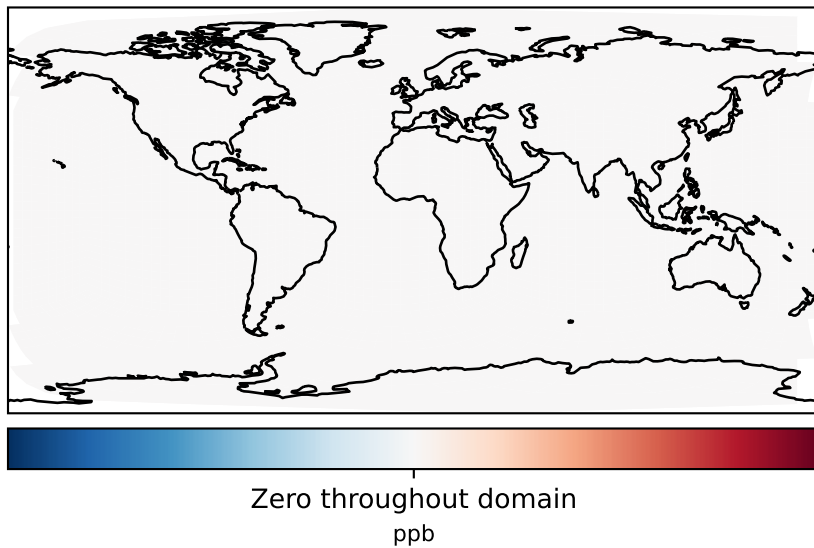
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



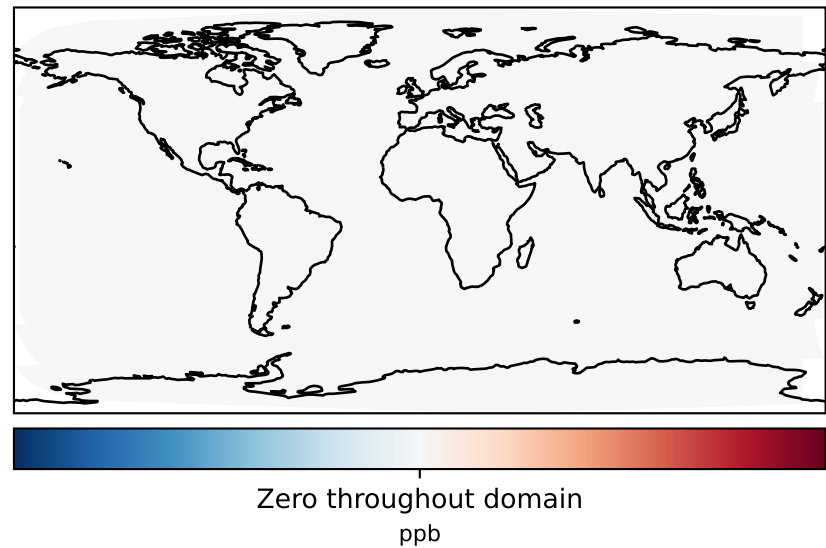
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



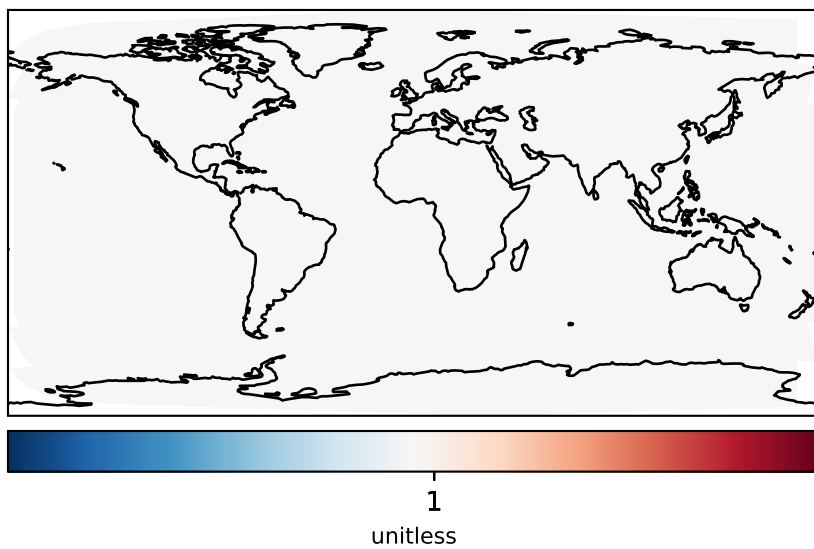
Difference
Dev - Ref, Dynamic Range



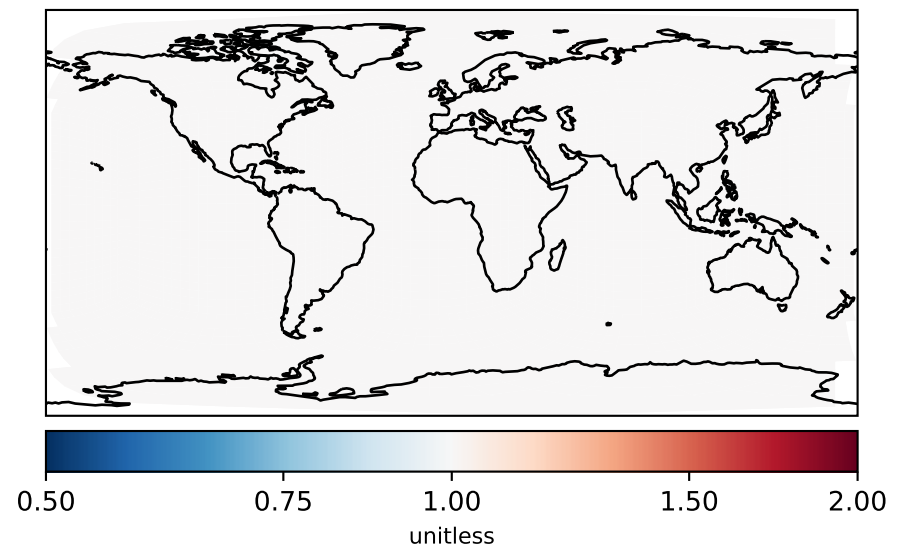
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

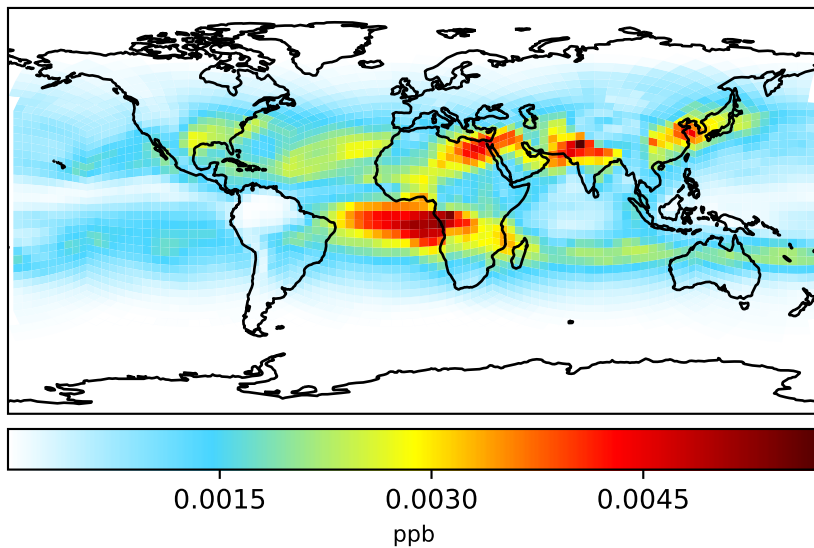


Ratio
Dev/Ref, Fixed Range

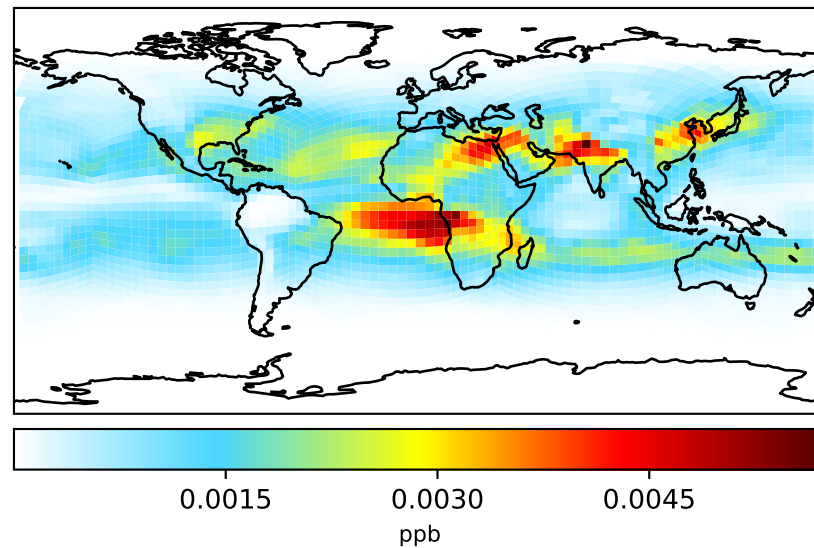


SpeciesConcVV_NO3

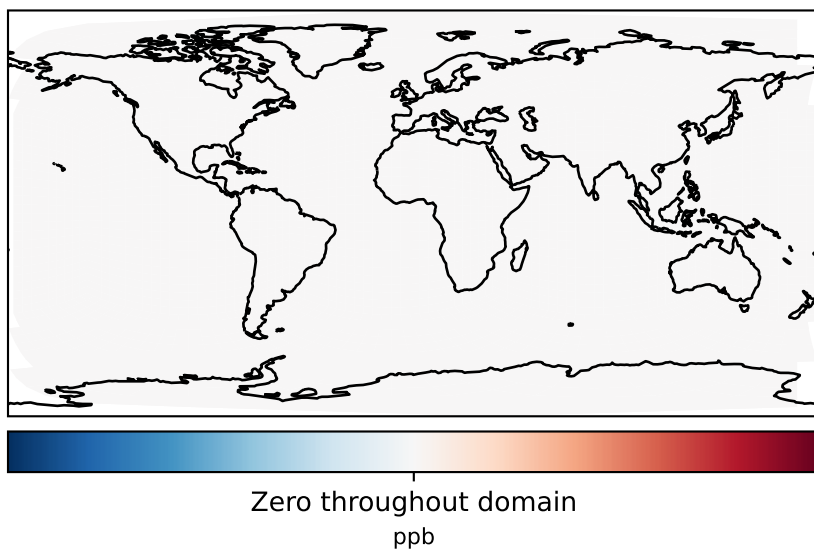
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



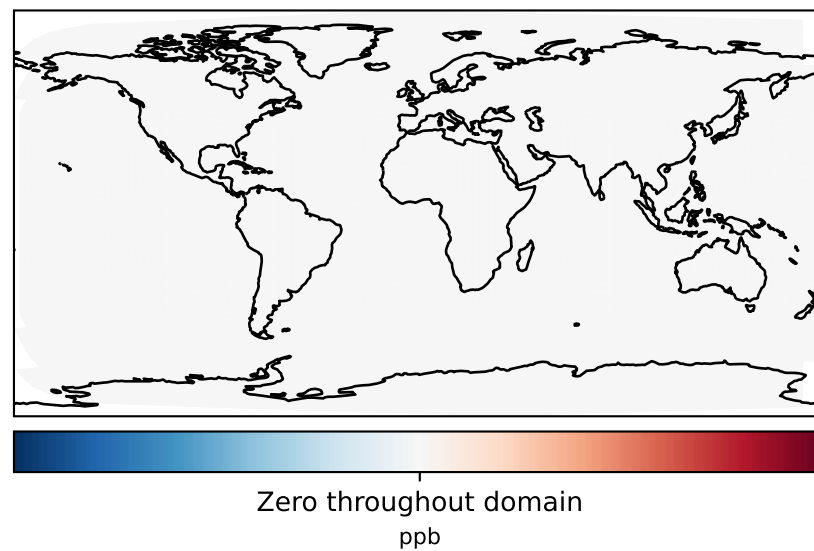
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



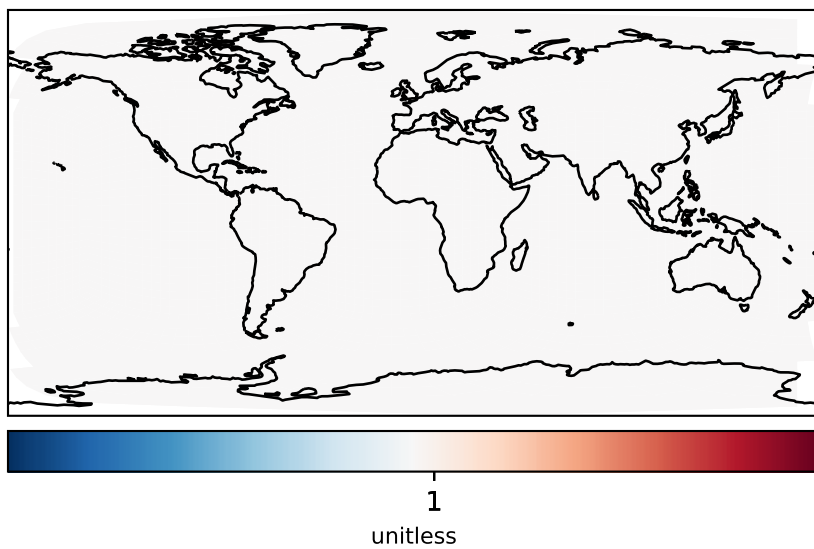
Difference
Dev - Ref, Dynamic Range



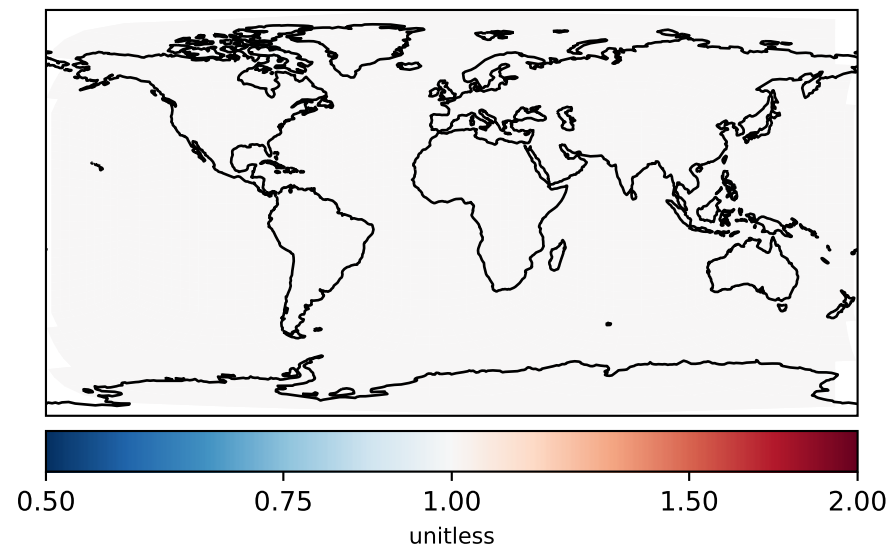
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

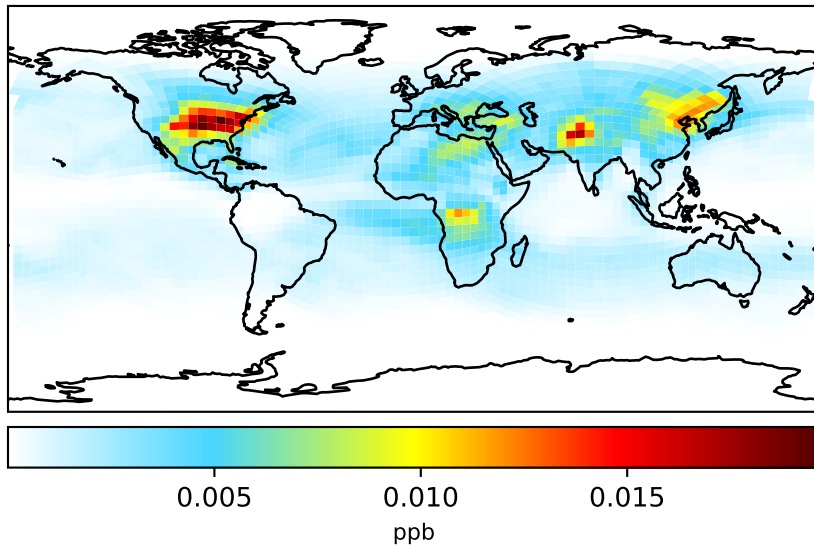


Ratio
Dev/Ref, Fixed Range

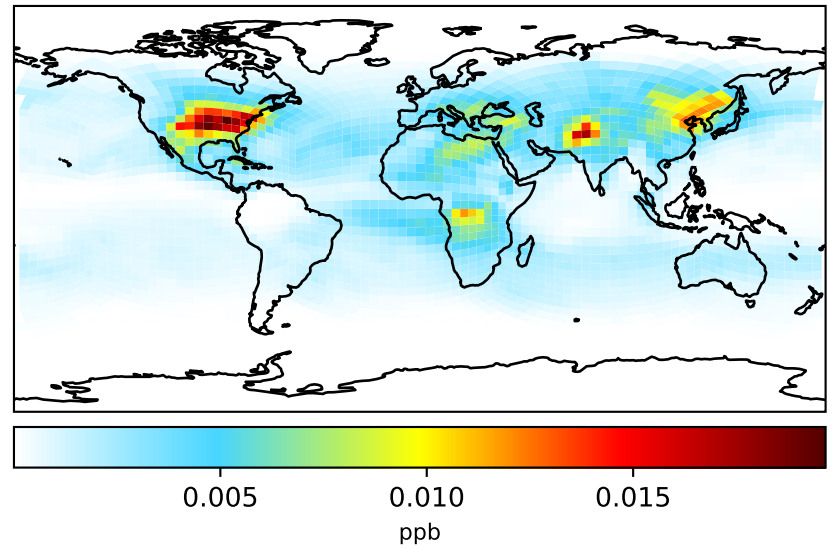


SpeciesConcVW_N2O5

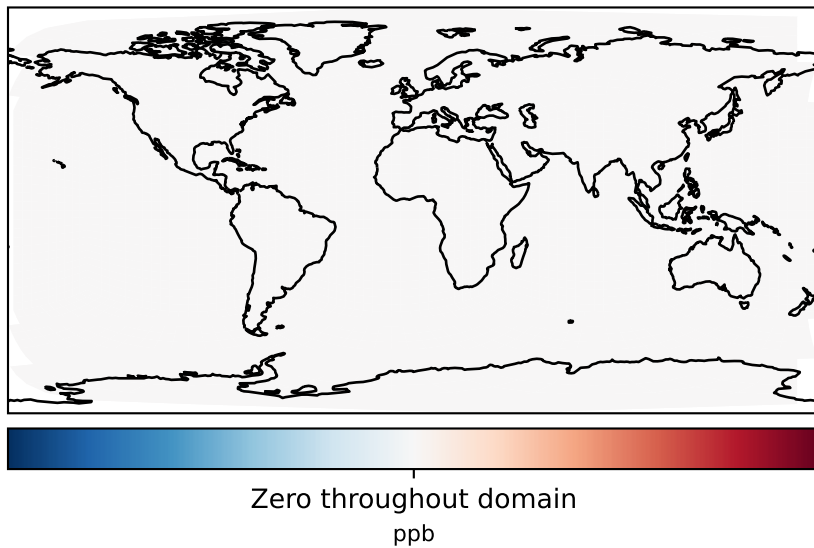
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



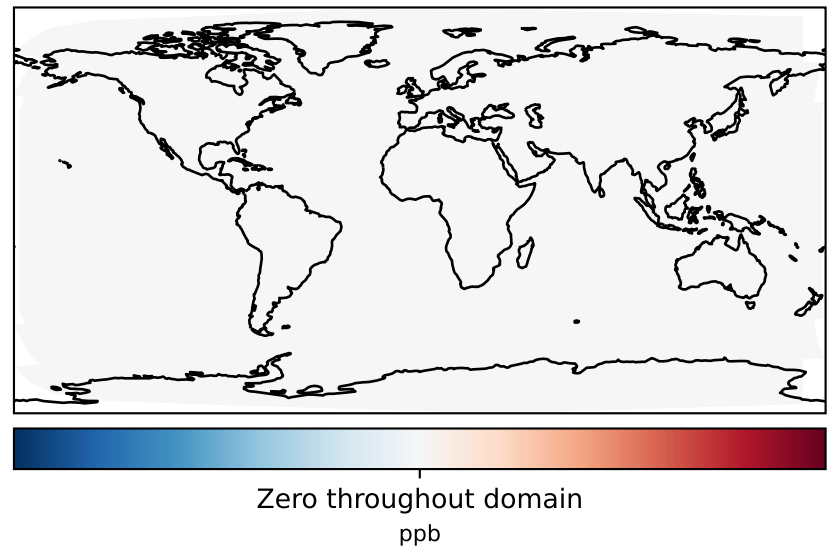
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



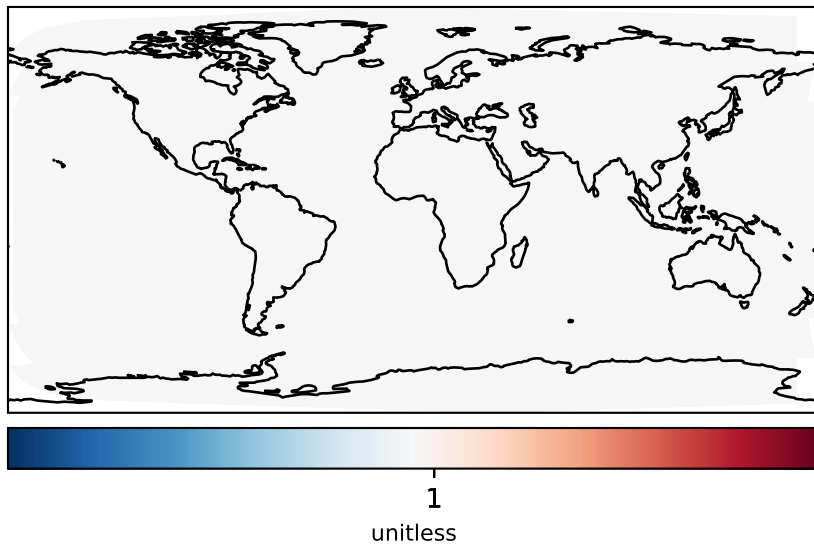
Difference
Dev - Ref, Dynamic Range



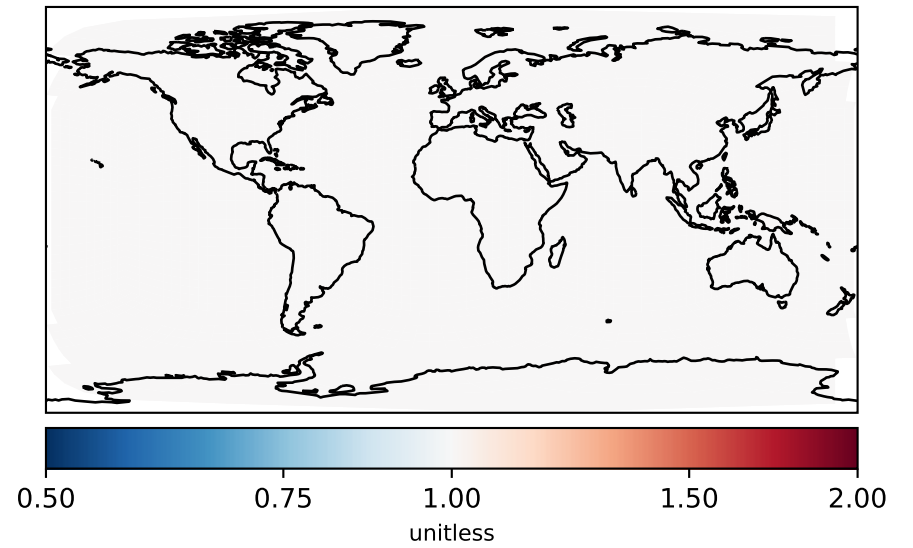
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

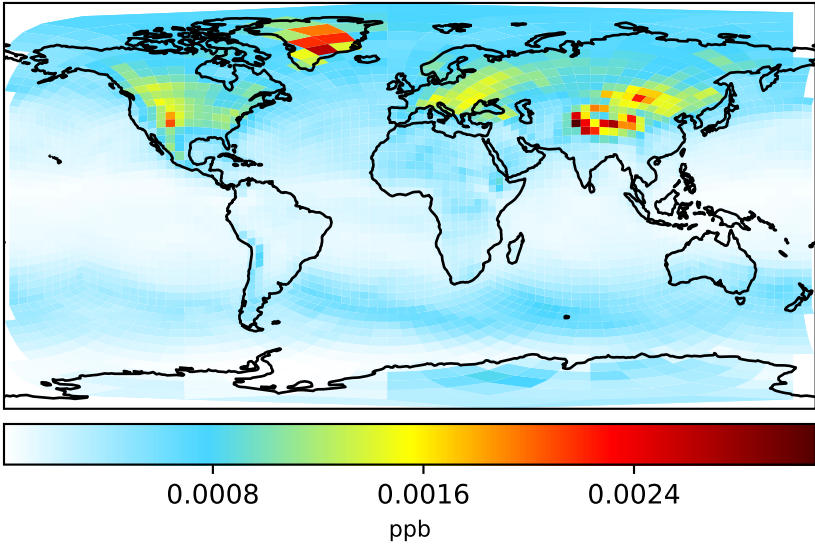


Ratio
Dev/Ref, Fixed Range

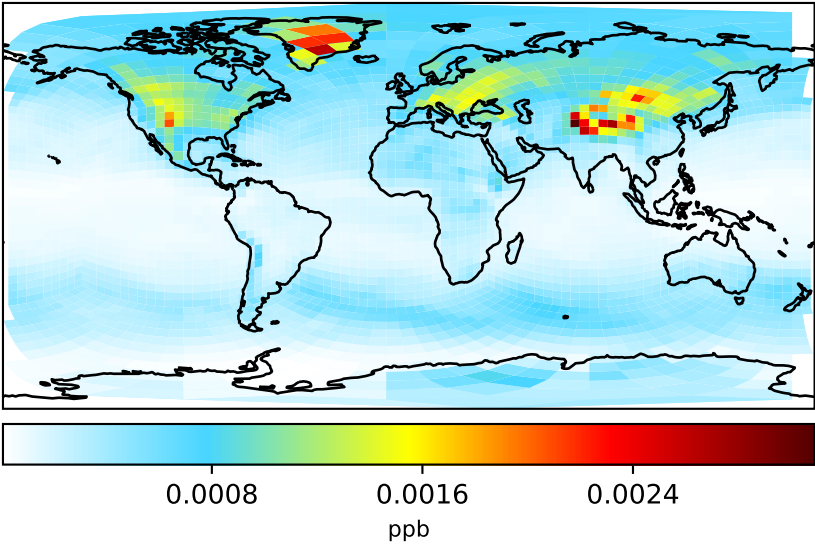


SpeciesConcVV_MPN

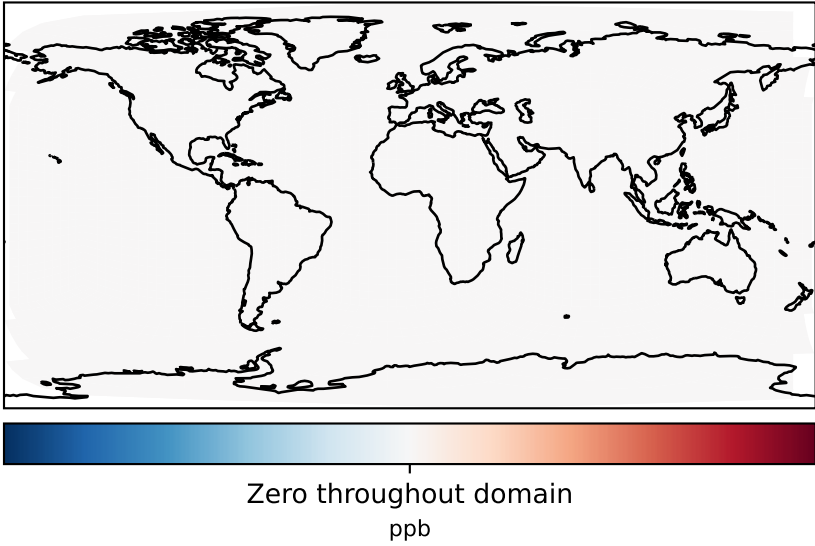
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



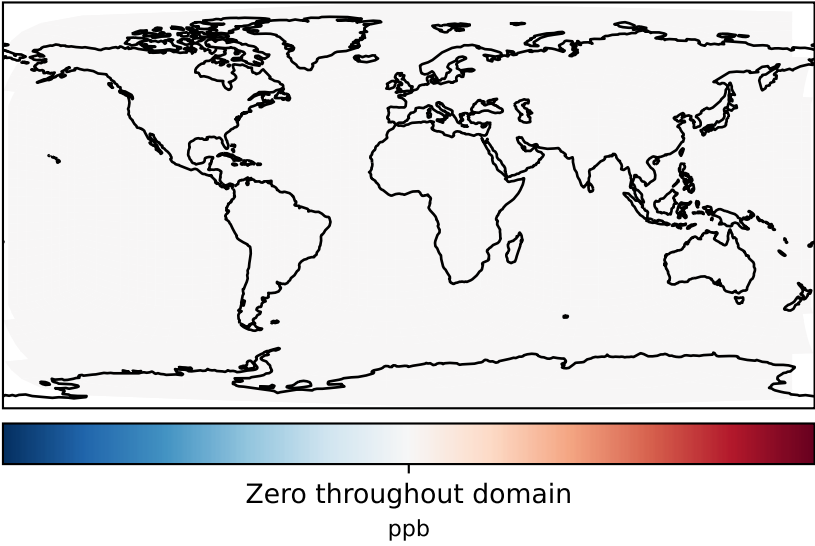
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



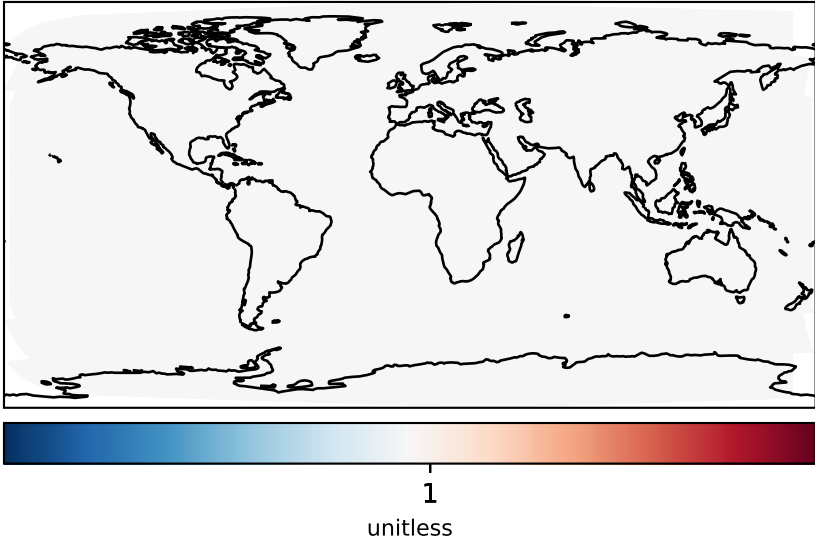
Difference
Dev - Ref, Dynamic Range



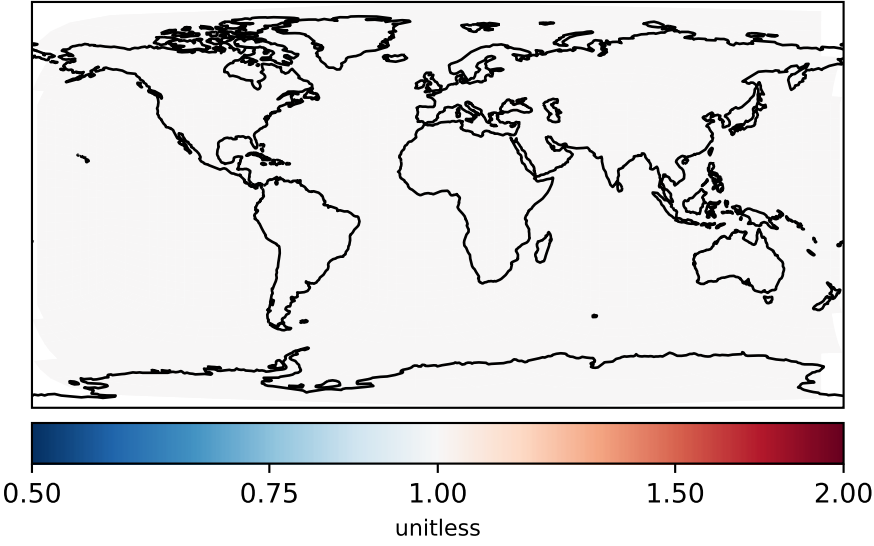
Difference
Dev - Ref, Restricted Range [5%,95%]



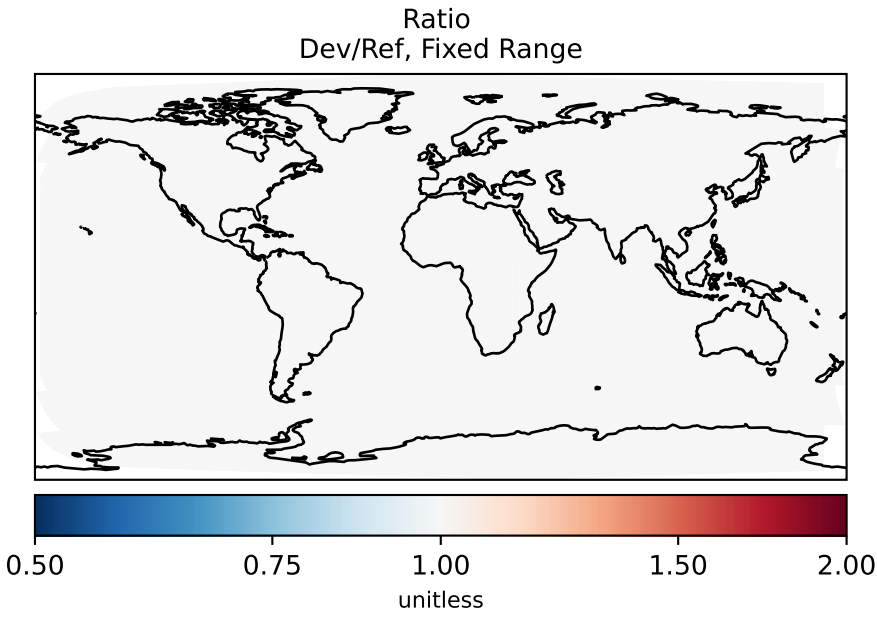
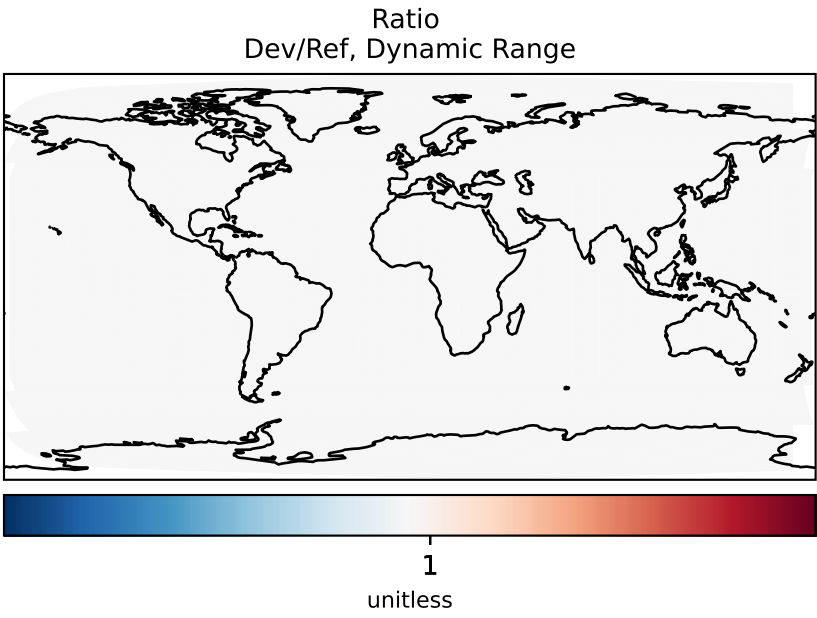
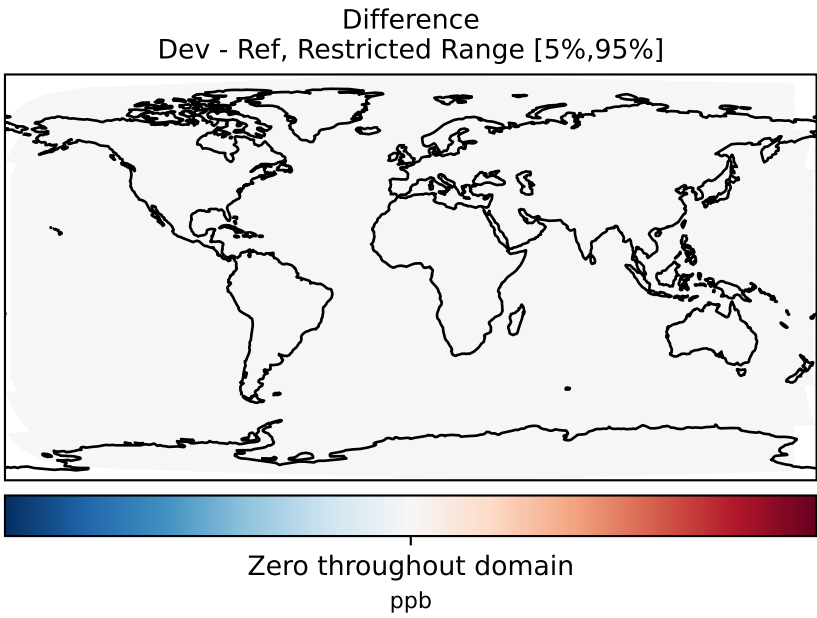
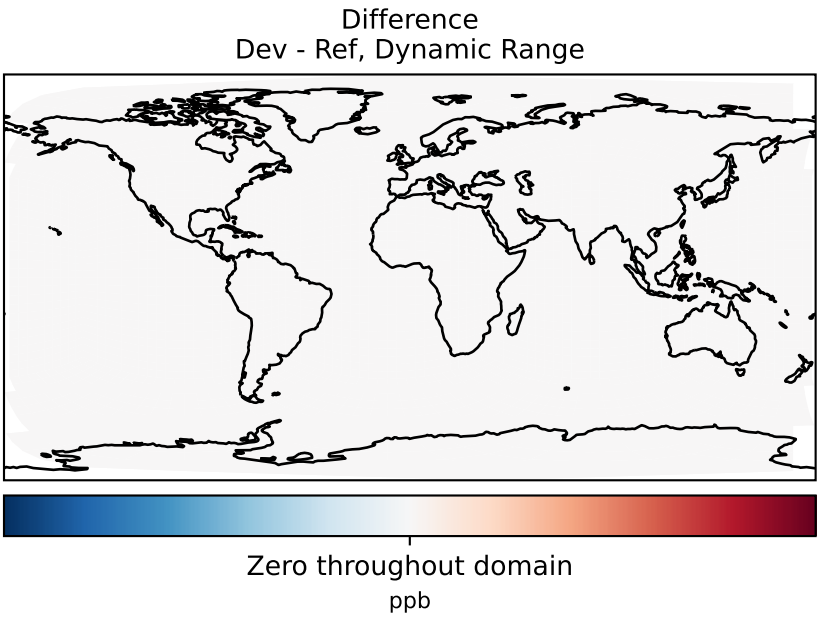
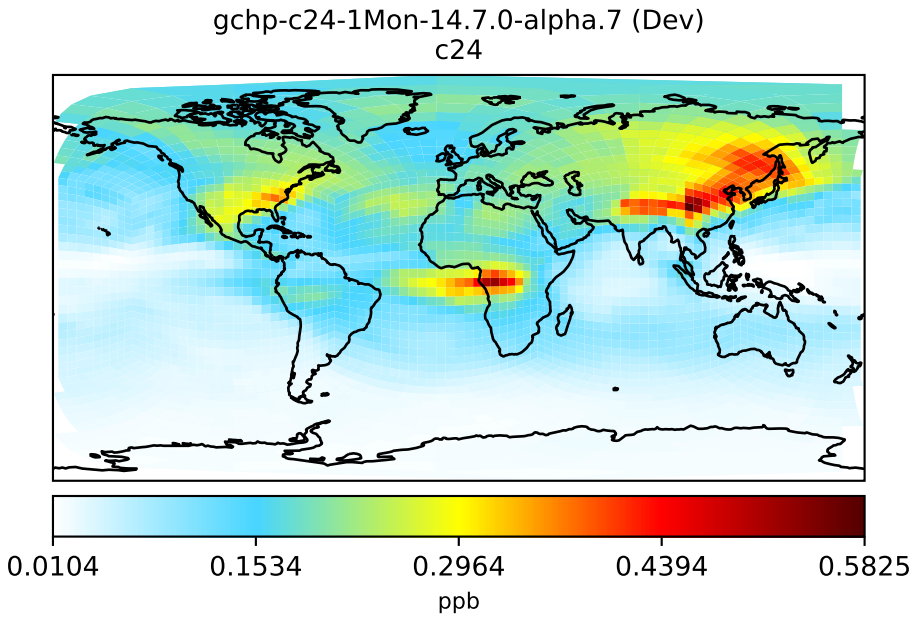
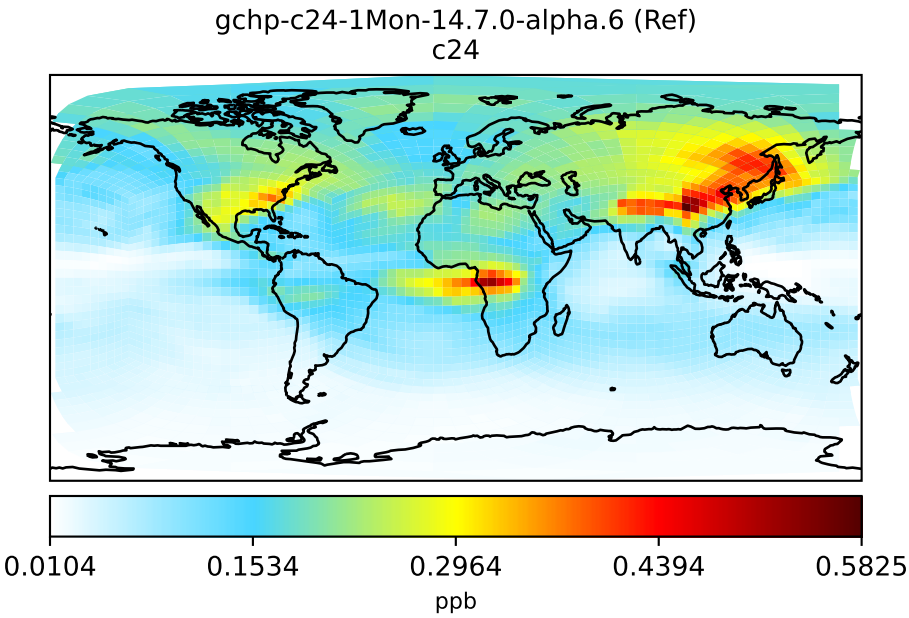
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

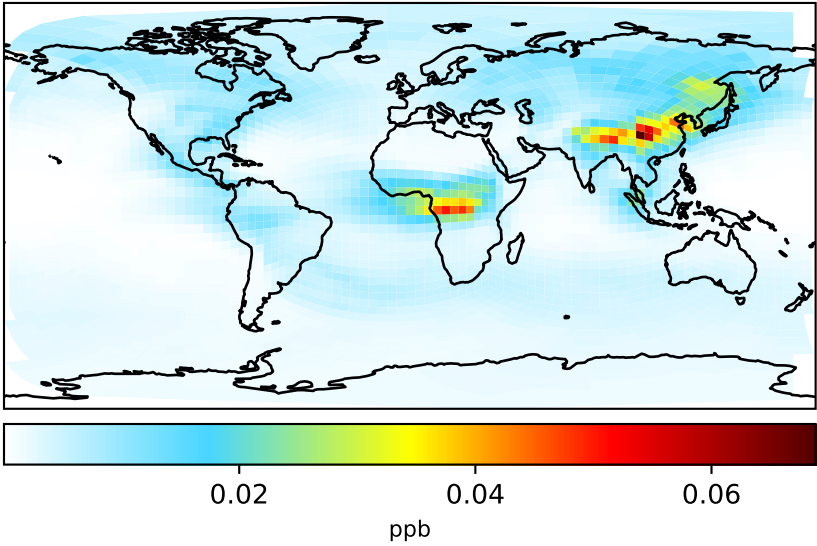


SpeciesConcVV_PAN

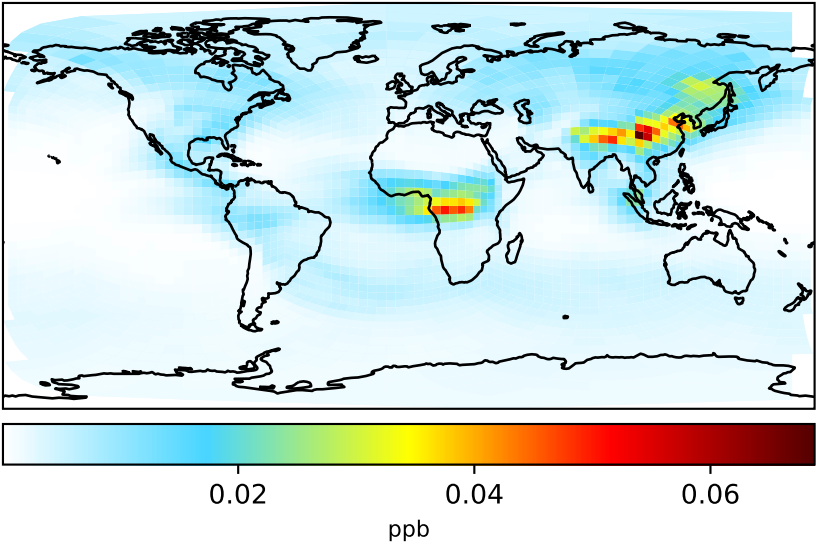


SpeciesConcVV_PPN

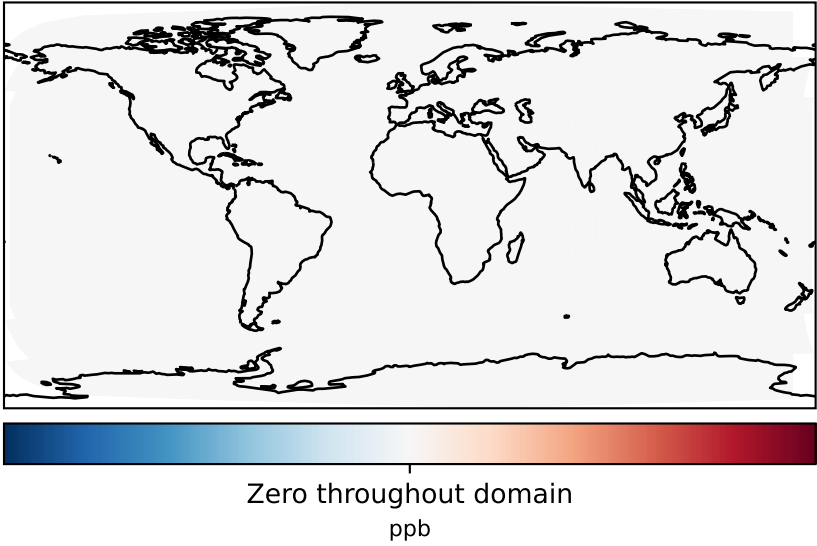
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



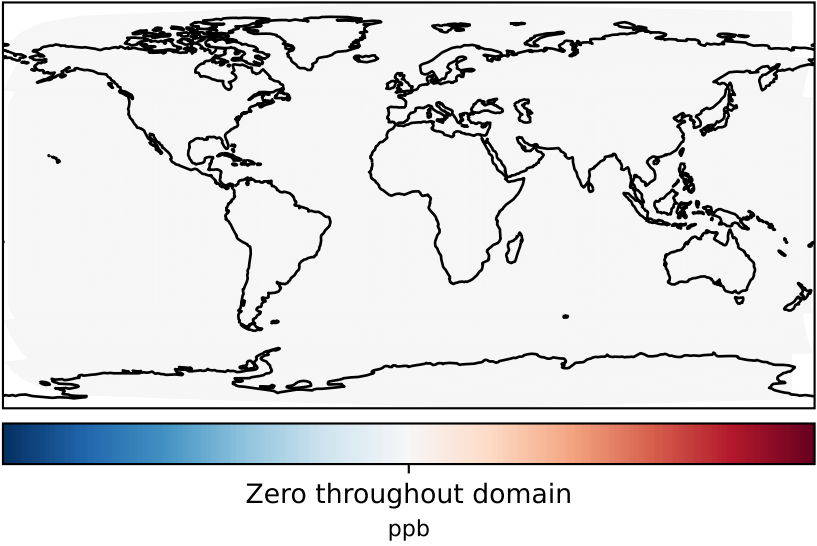
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



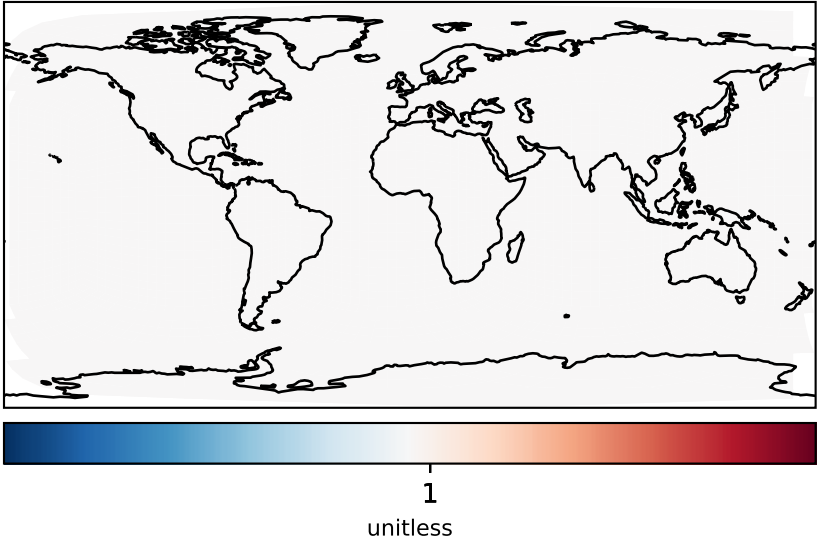
Difference
Dev - Ref, Dynamic Range



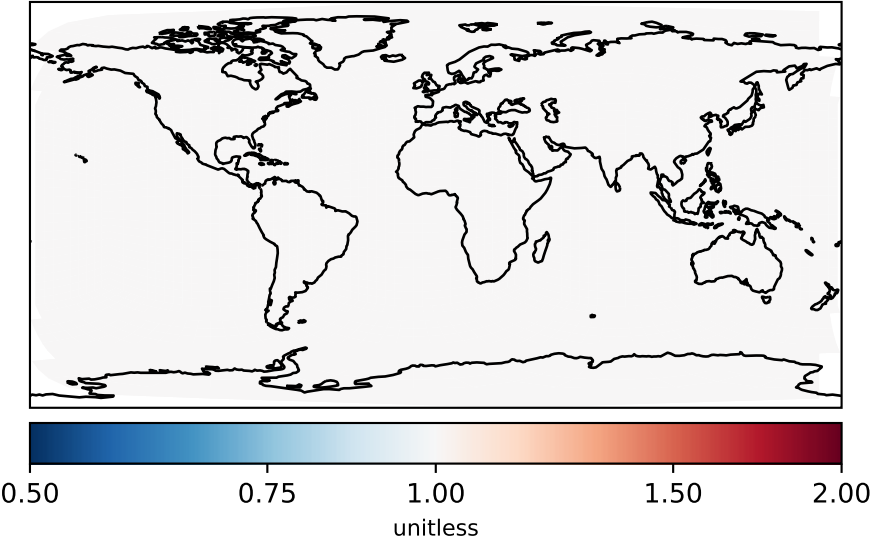
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

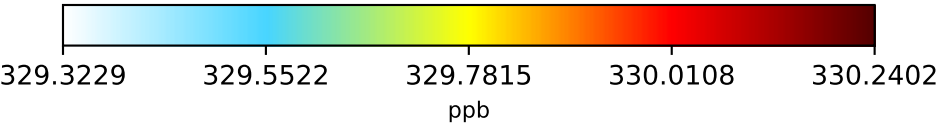
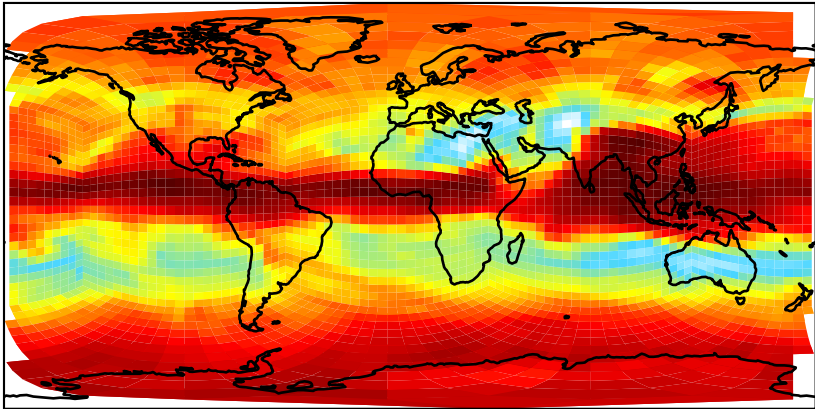


Ratio
Dev/Ref, Fixed Range

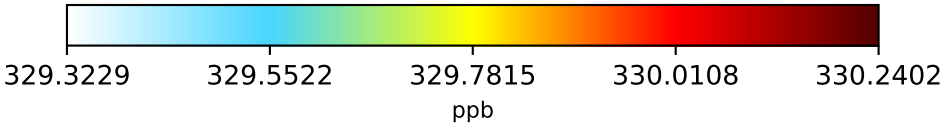
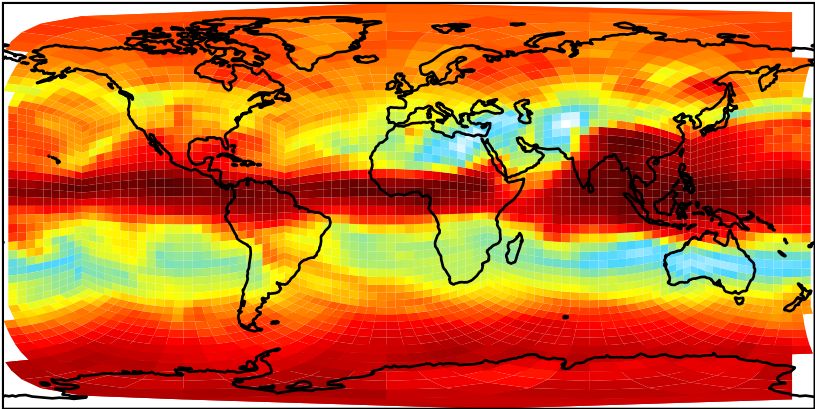


SpeciesConcVV_N2O

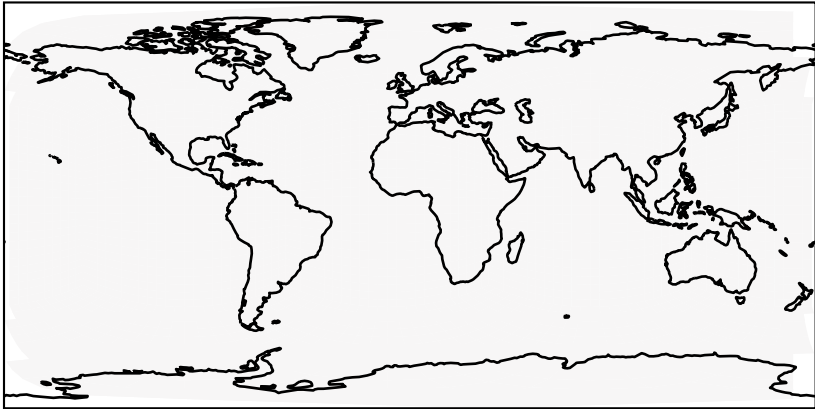
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24

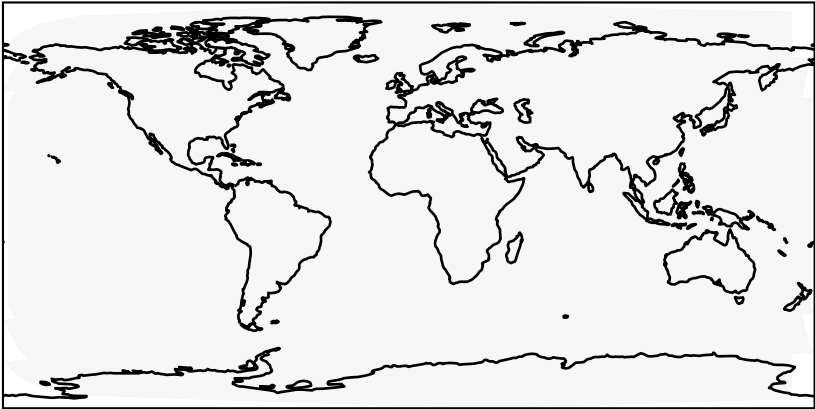


Difference
Dev - Ref, Dynamic Range



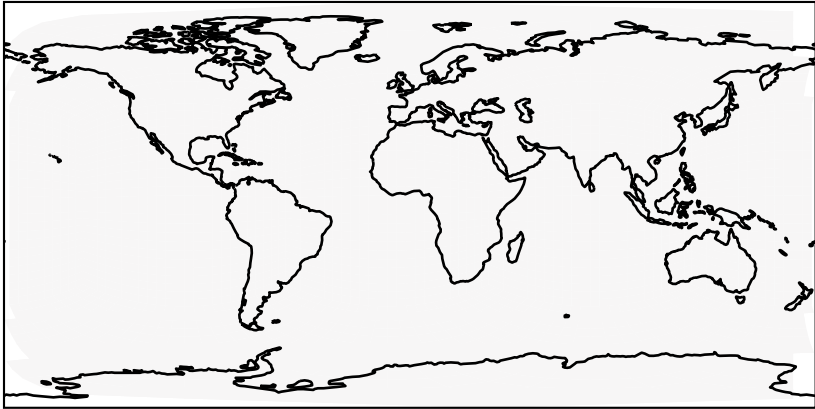
Zero throughout domain
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



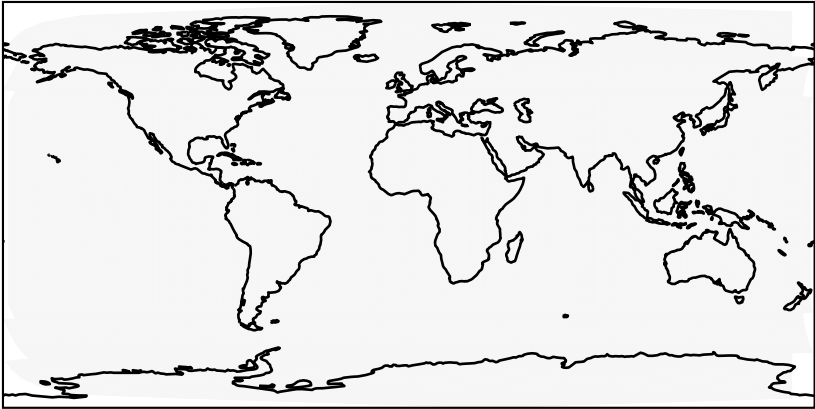
Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range



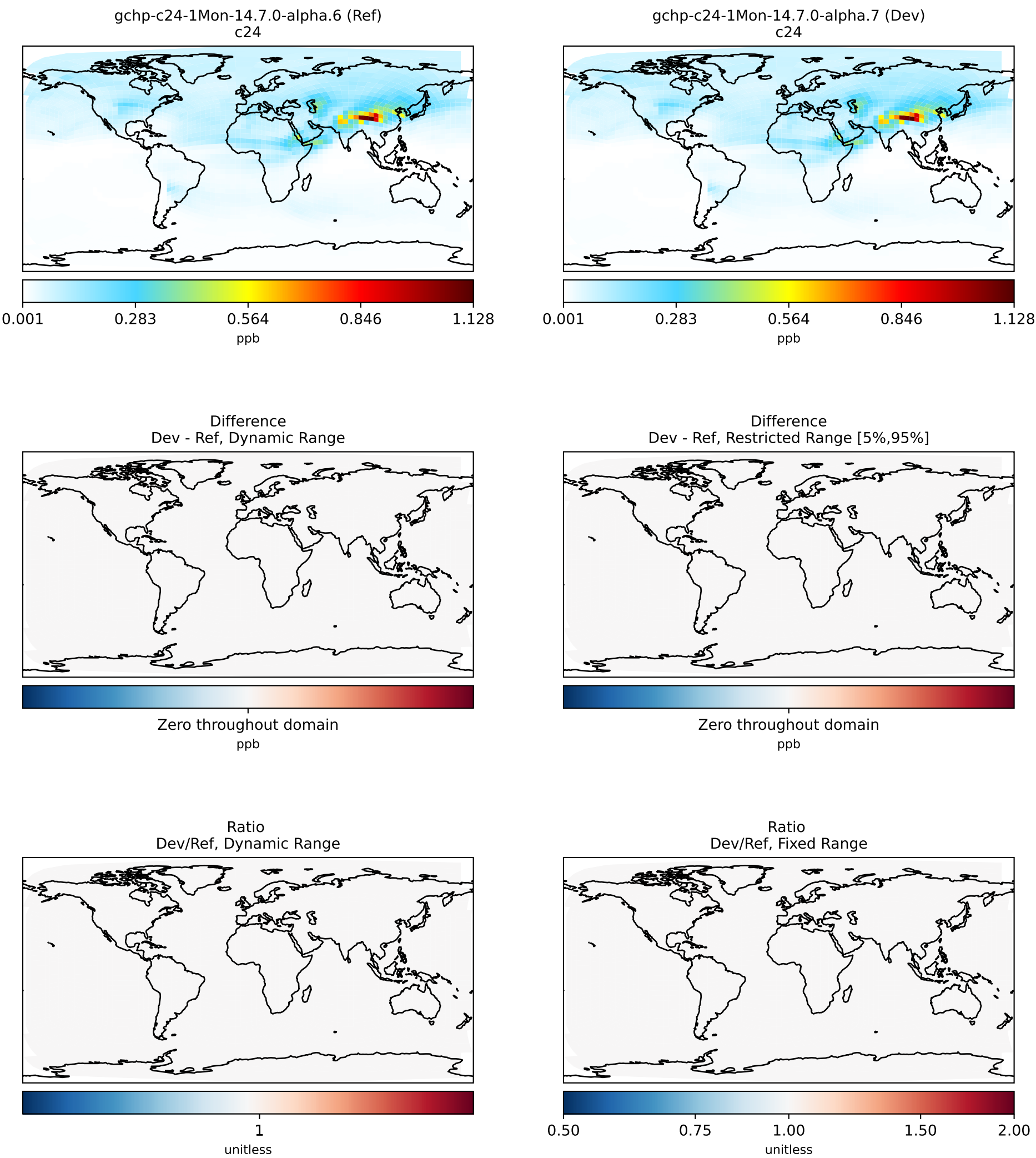
1
unitless

Ratio
Dev/Ref, Fixed Range

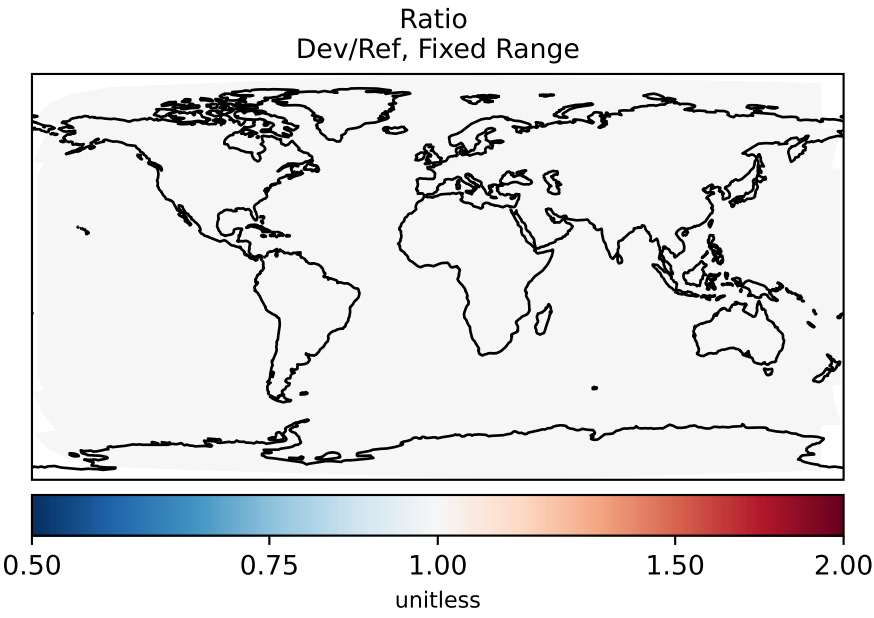
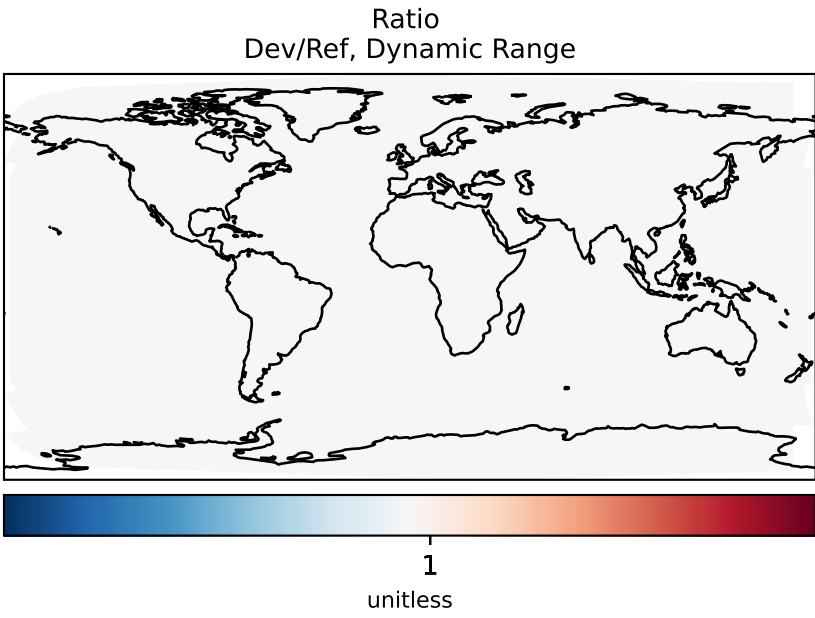
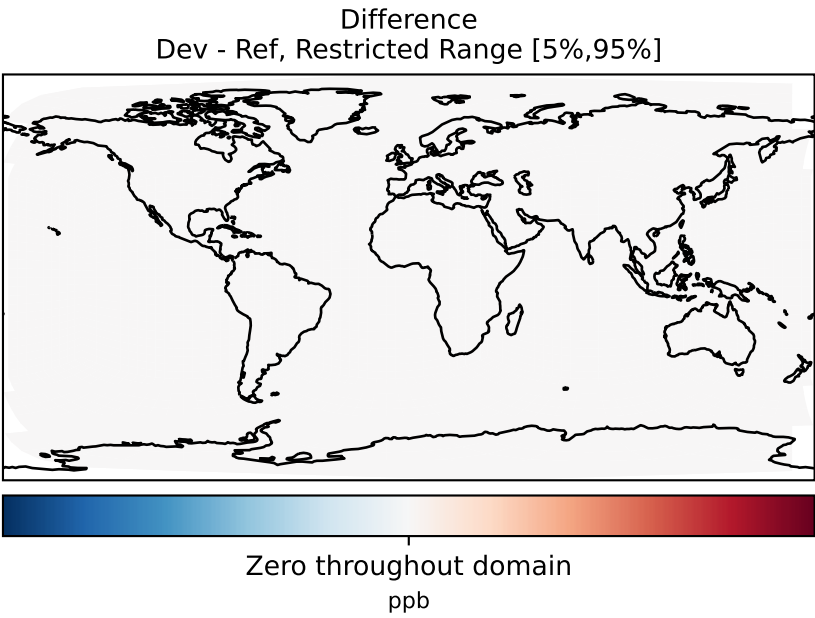
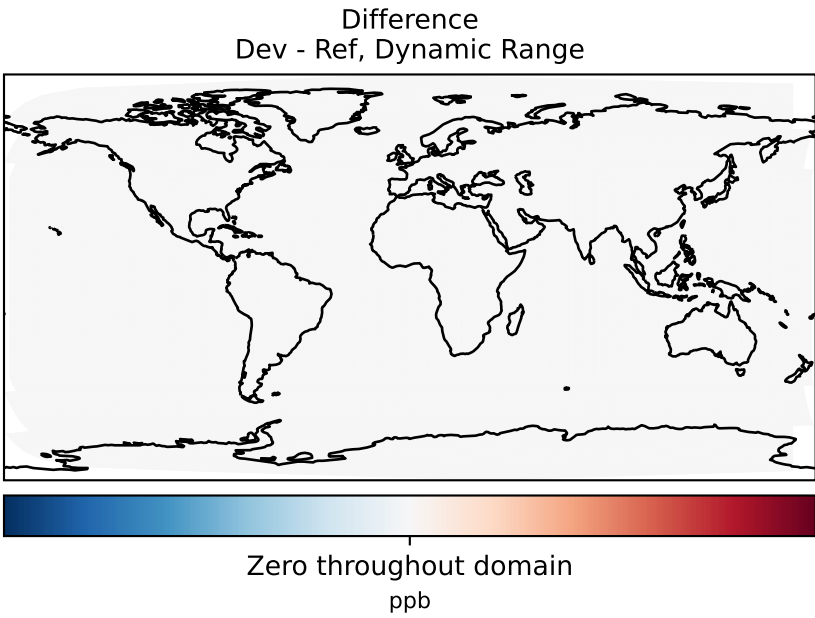
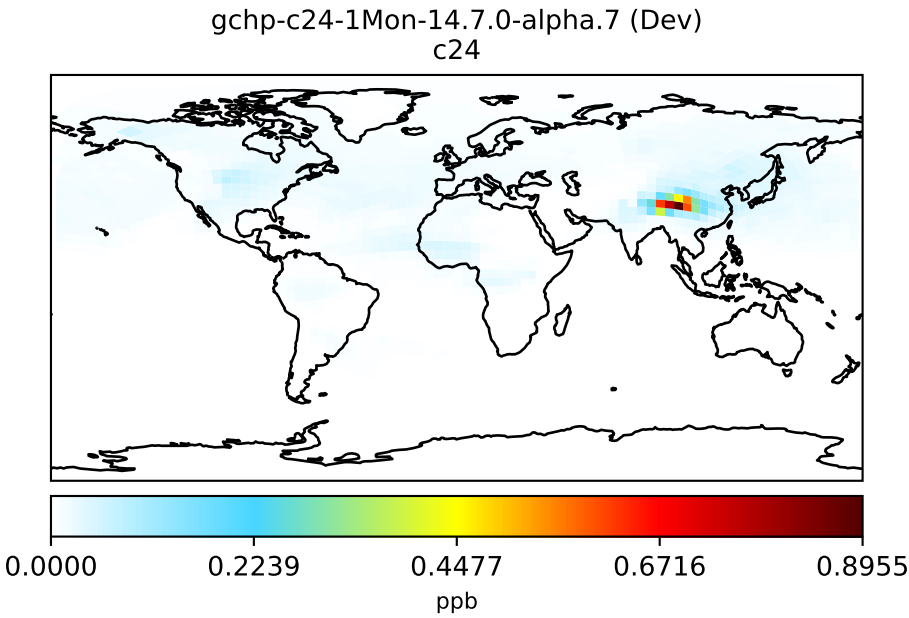
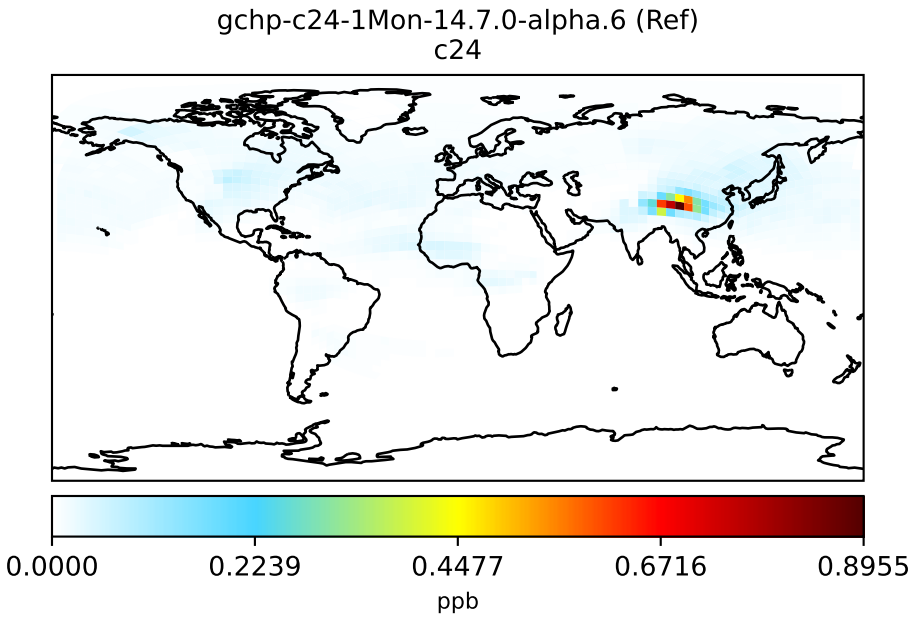


0.50 0.75 1.00 1.50 2.00
unitless

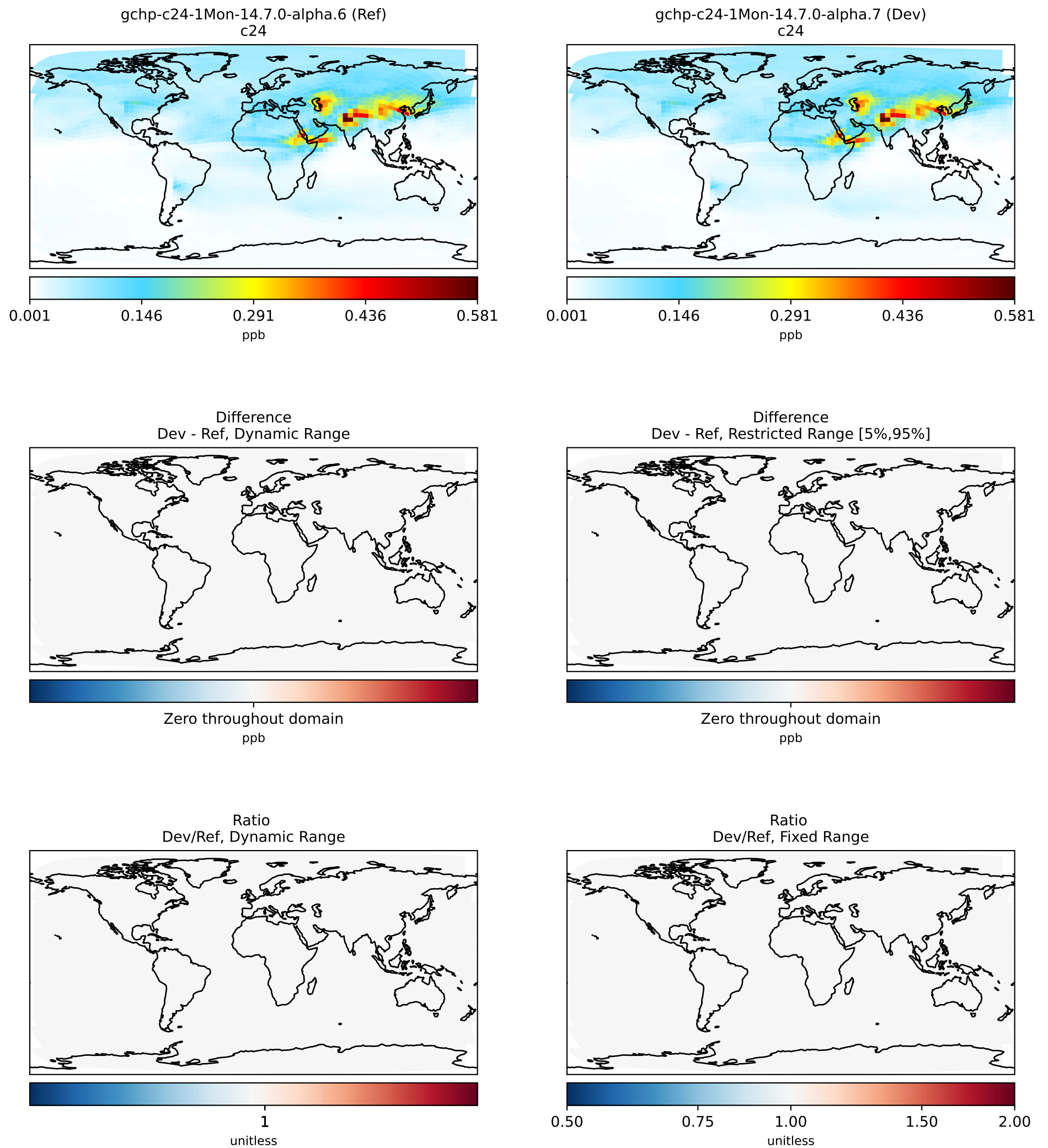
SpeciesConcVV_NHx



SpeciesConcVV_NH3

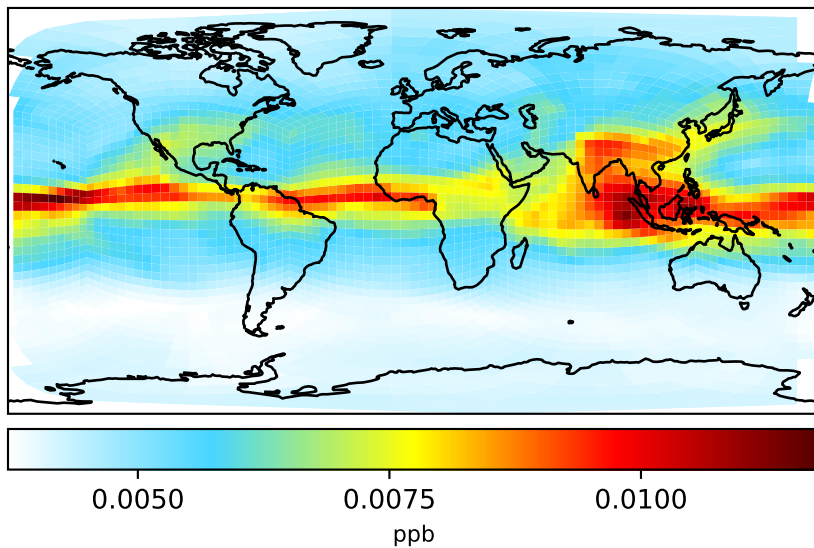


SpeciesConcVV_NH4

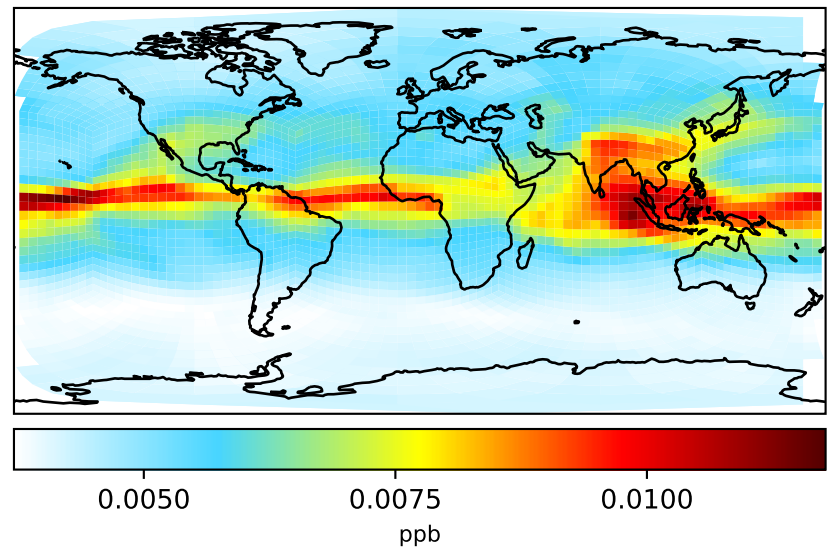


SpeciesConcVV_MEN03

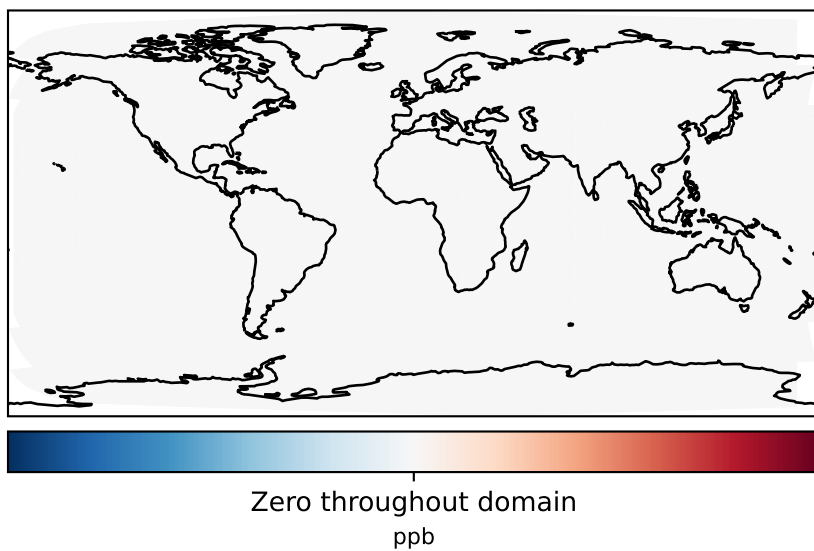
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



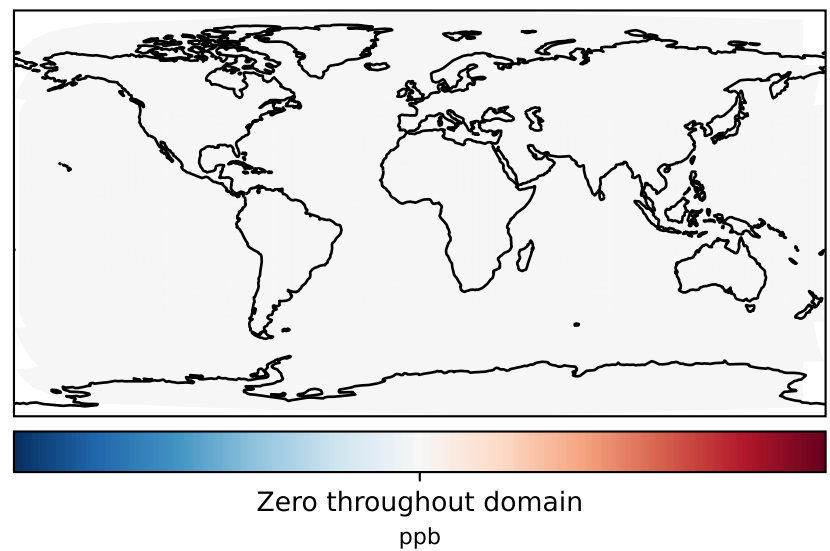
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



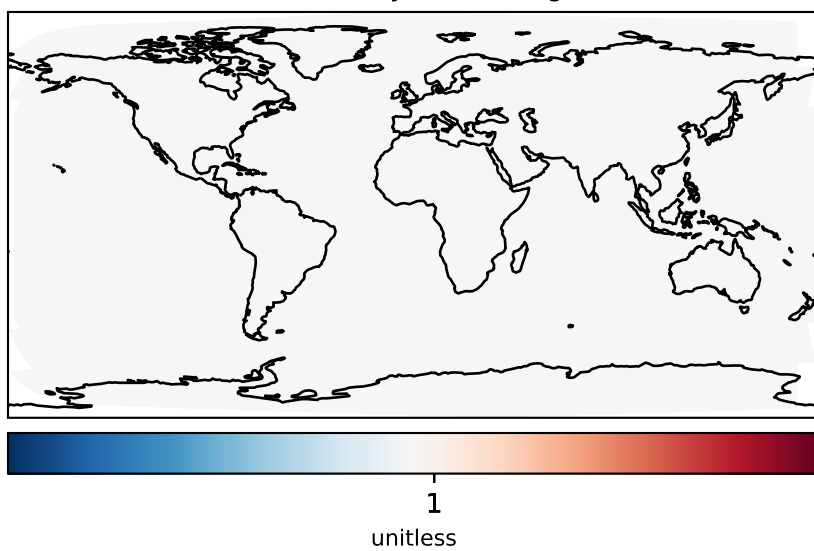
Difference
Dev - Ref, Dynamic Range



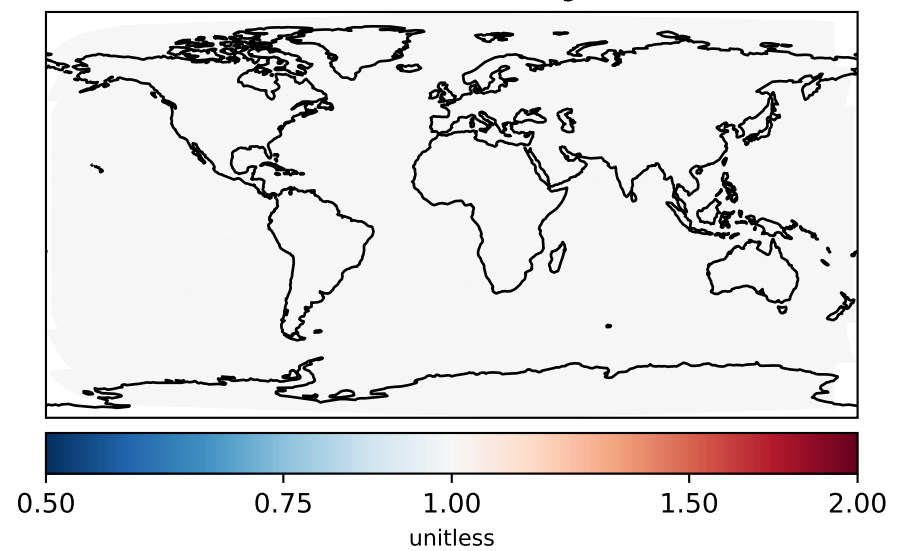
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

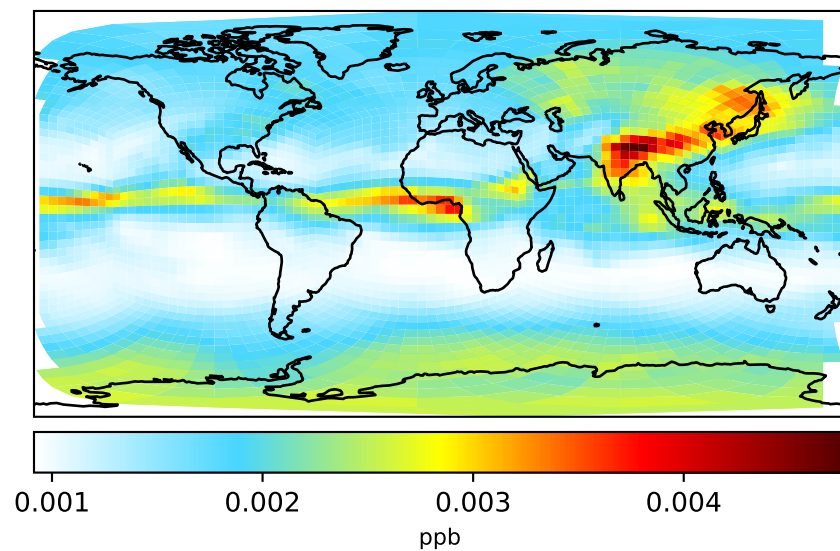


Ratio
Dev/Ref, Fixed Range

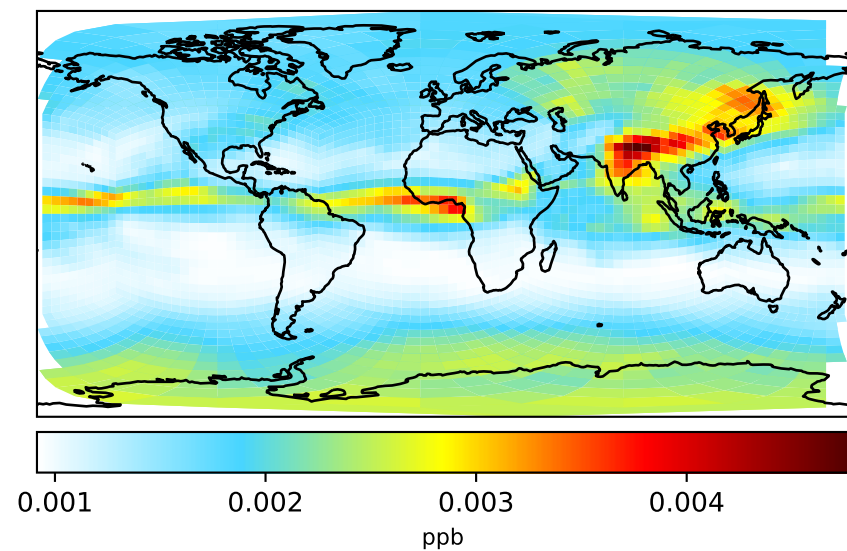


SpeciesConcVV_ETN03

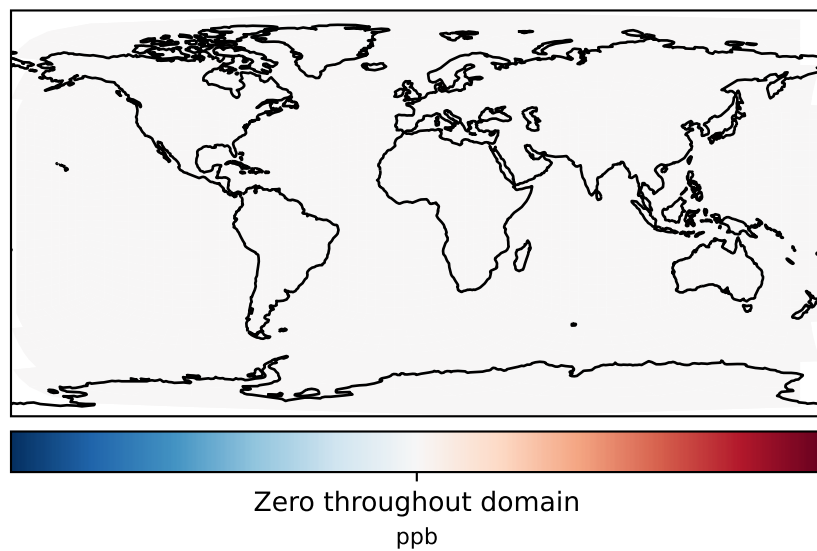
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



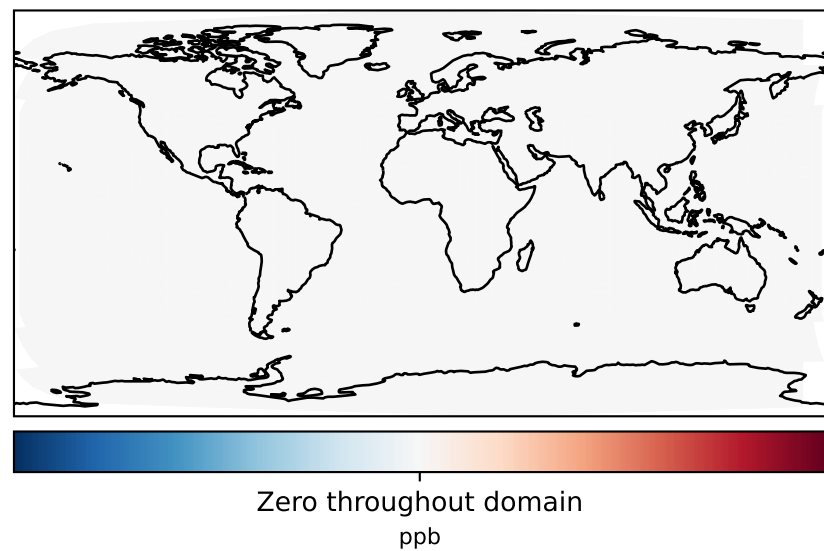
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



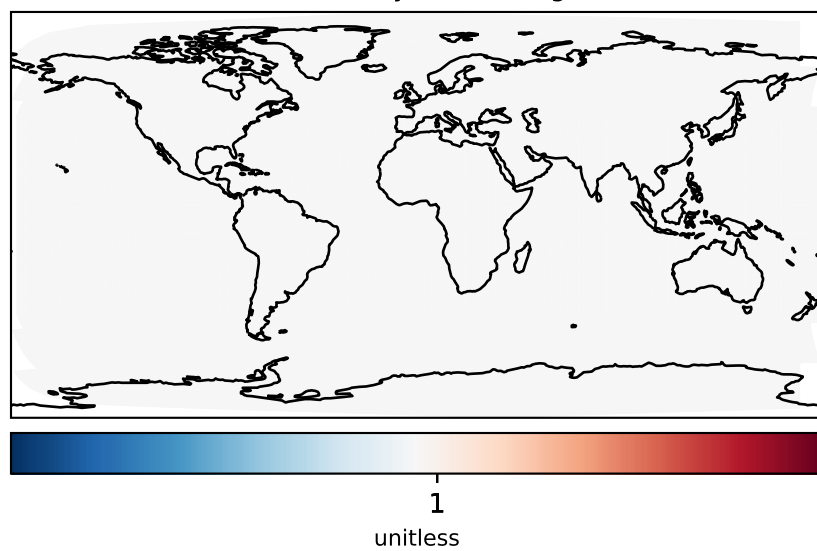
Difference
Dev - Ref, Dynamic Range



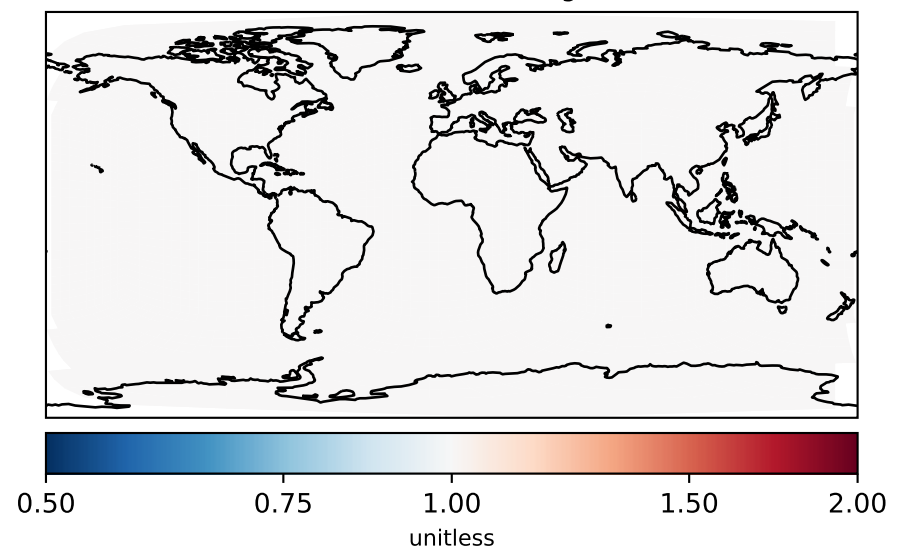
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

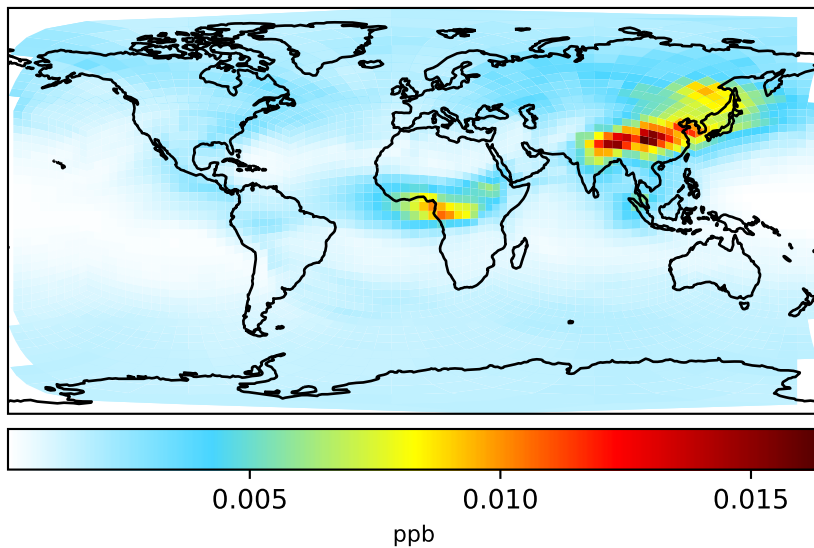


Ratio
Dev/Ref, Fixed Range

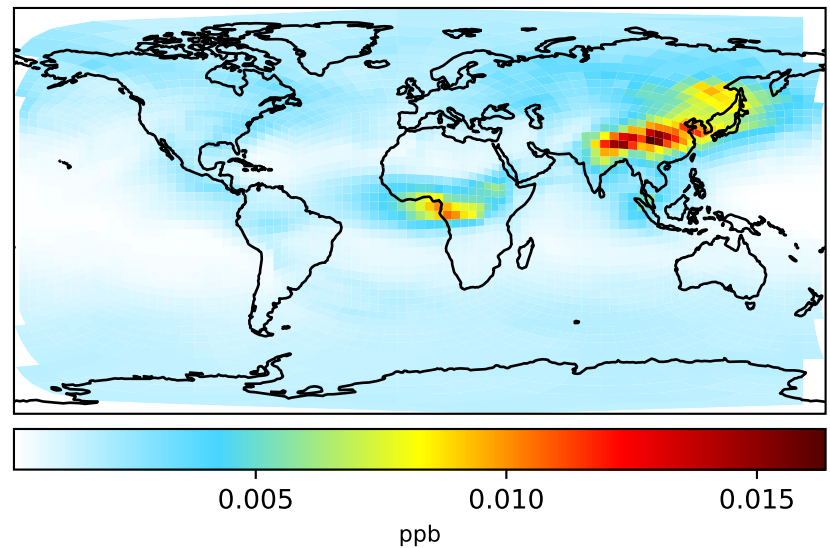


SpeciesConcVV_IPRNO3

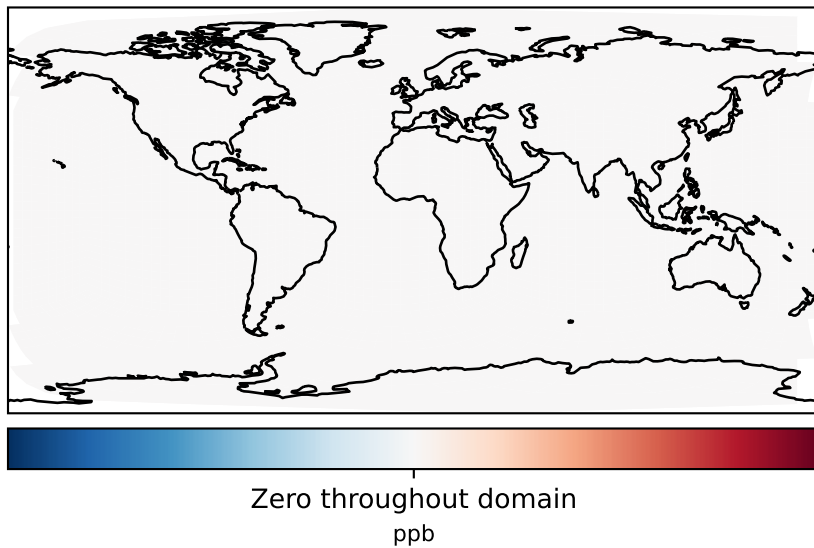
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



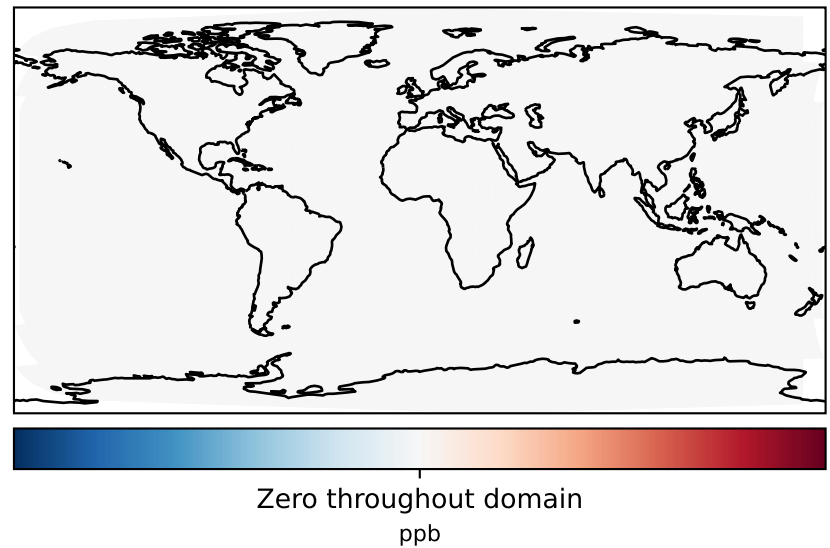
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



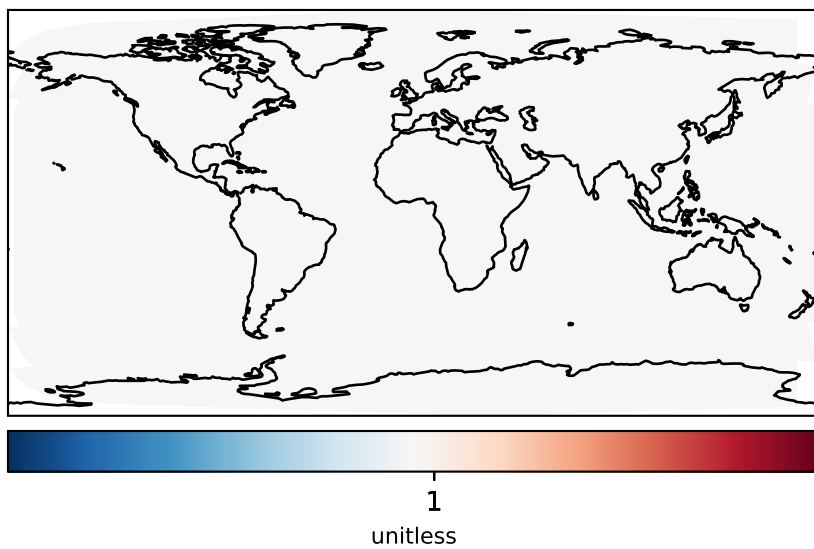
Difference
Dev - Ref, Dynamic Range



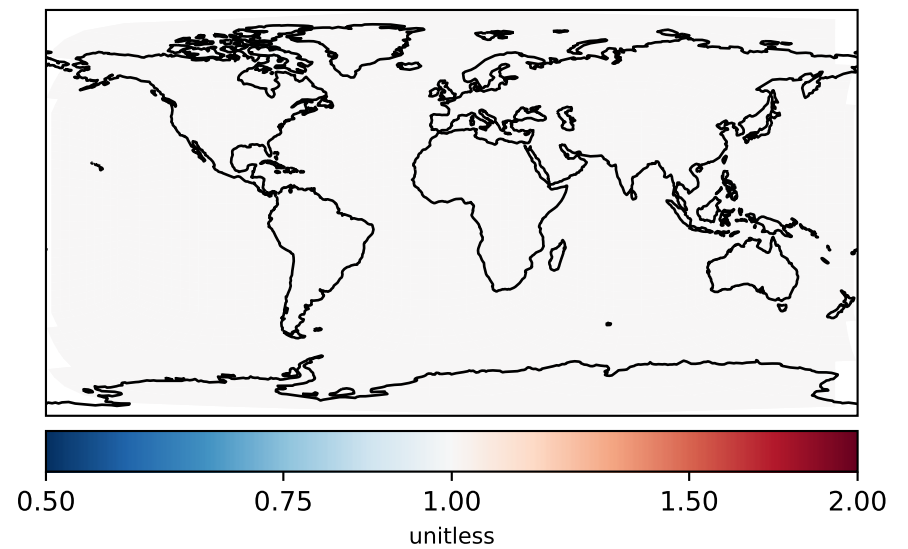
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

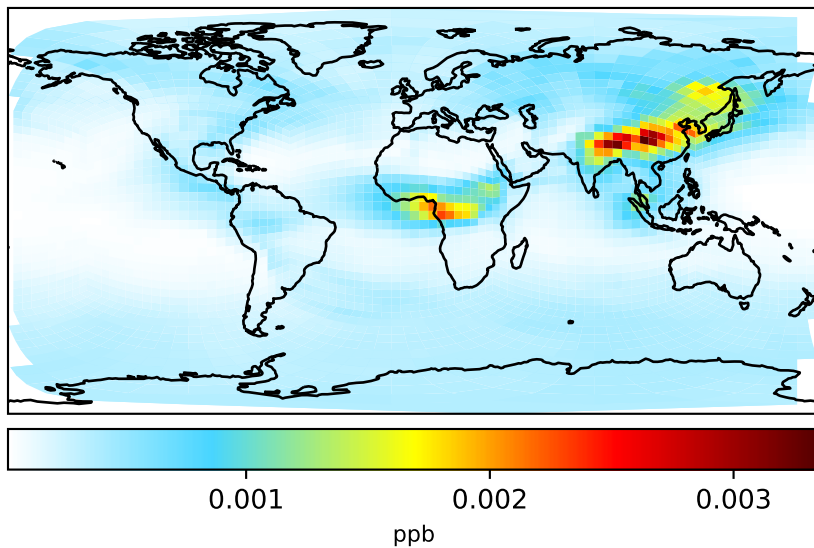


Ratio
Dev/Ref, Fixed Range

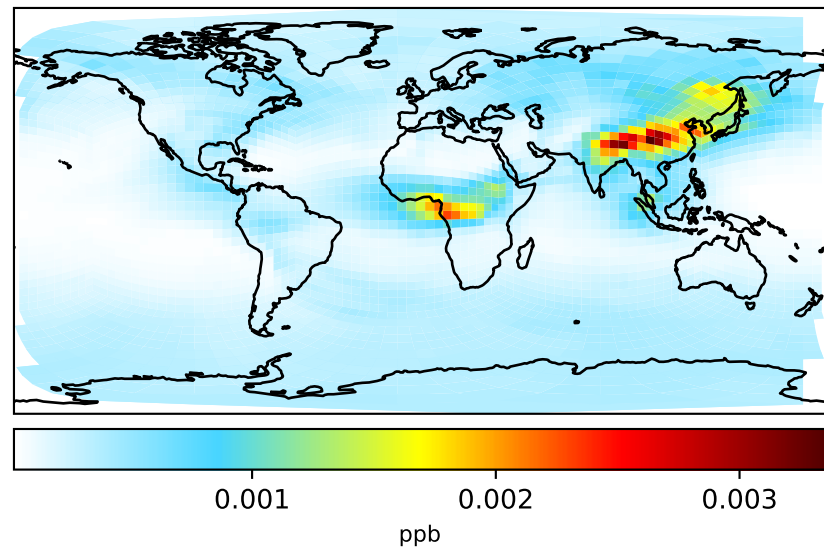


SpeciesConcVW_NPRNO3

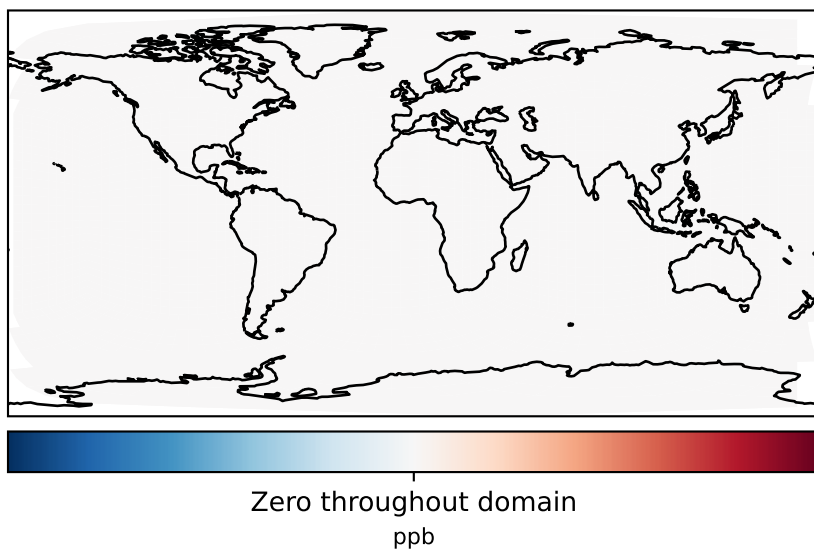
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



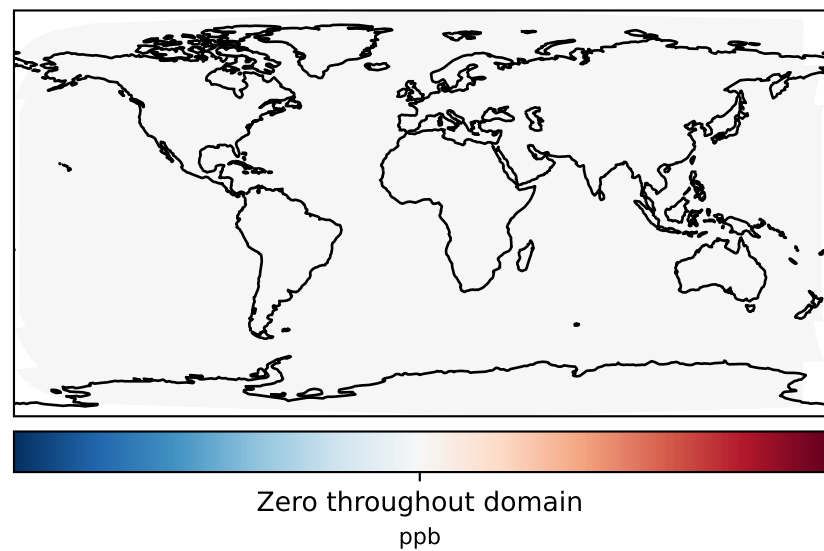
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



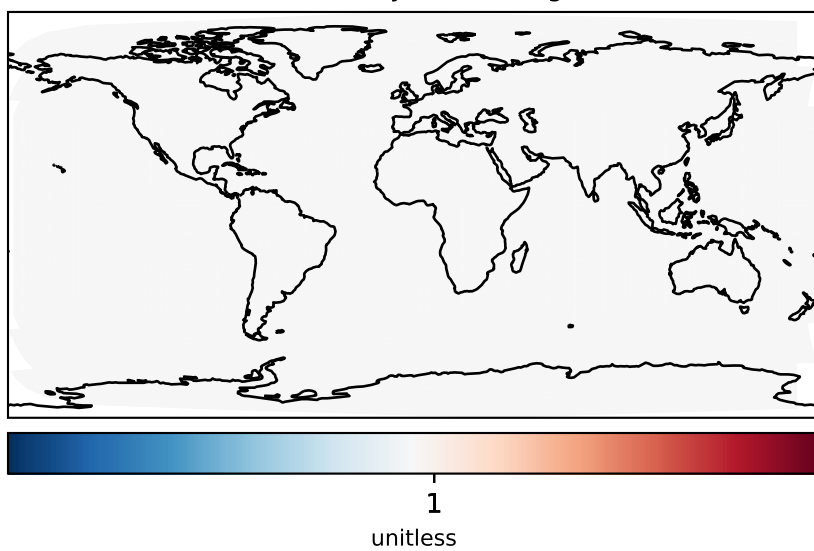
Difference
Dev - Ref, Dynamic Range



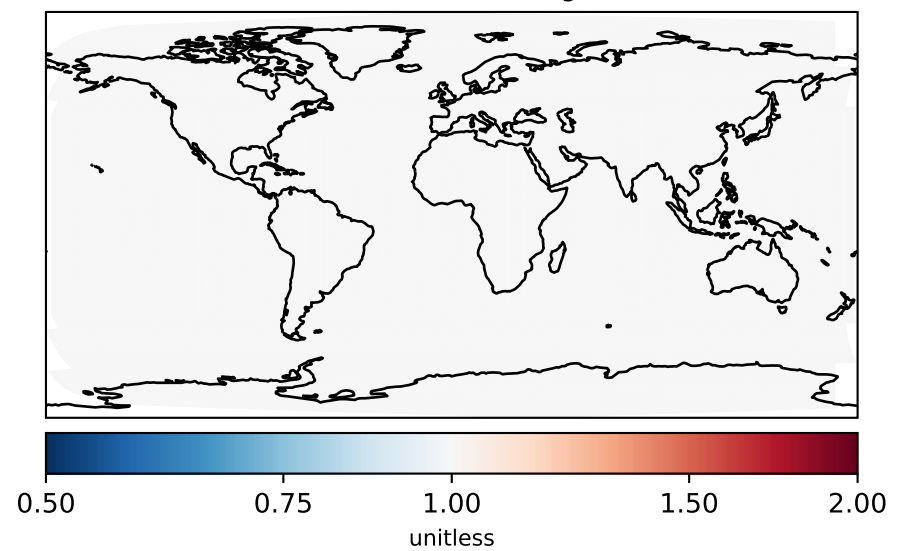
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

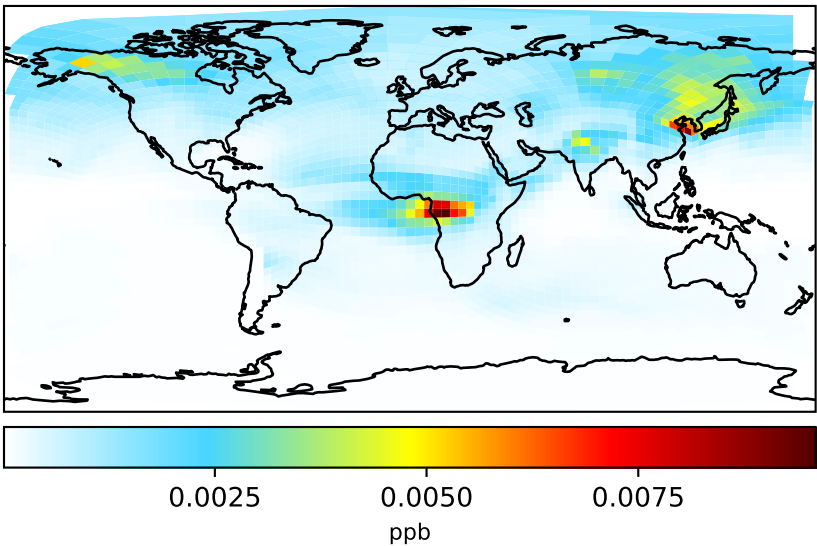


Ratio
Dev/Ref, Fixed Range

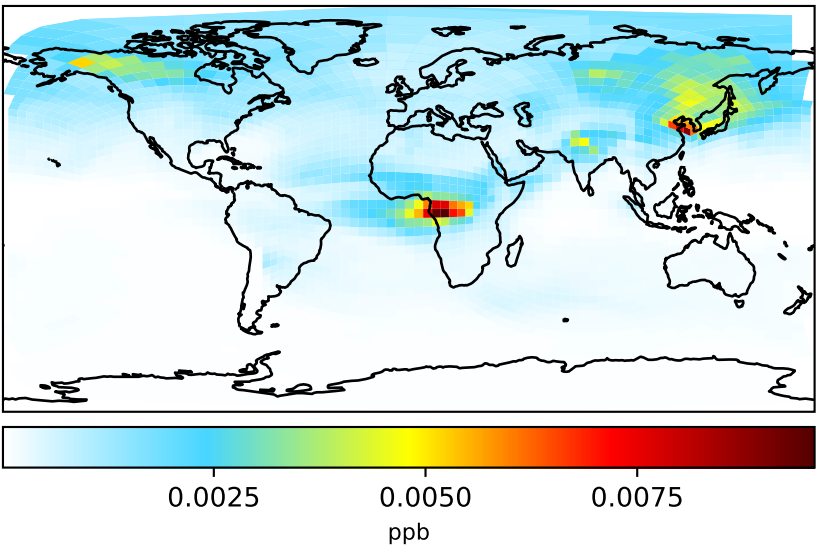


SpeciesConcVW_AONITA

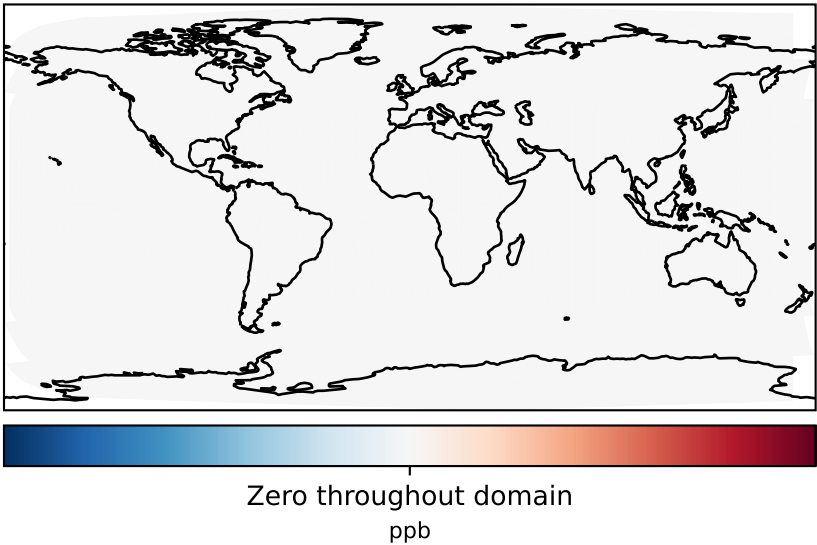
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



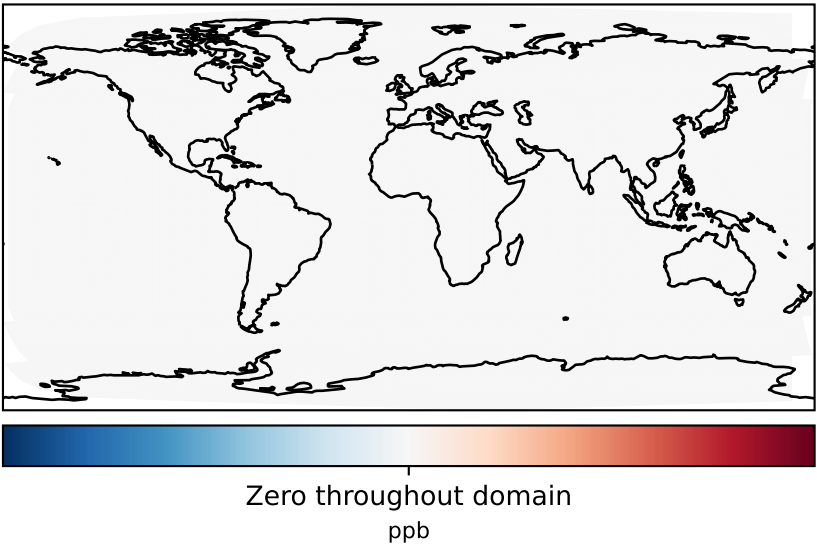
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



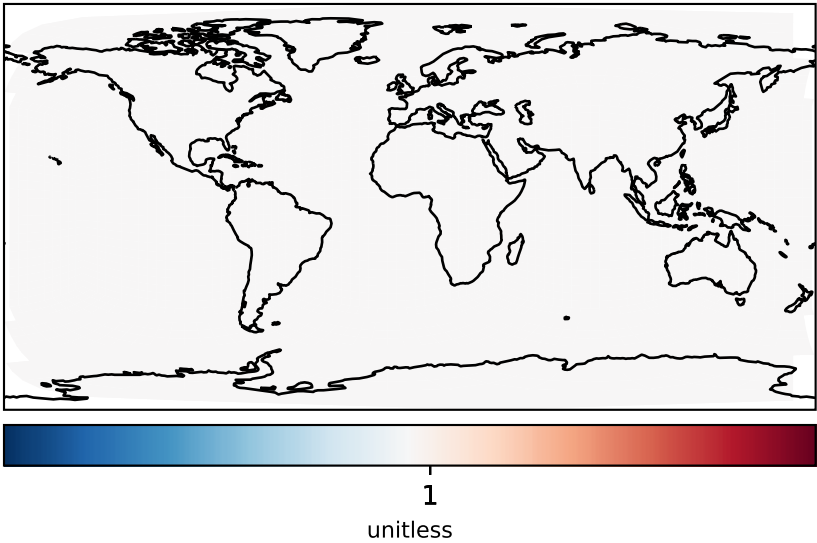
Difference
Dev - Ref, Dynamic Range



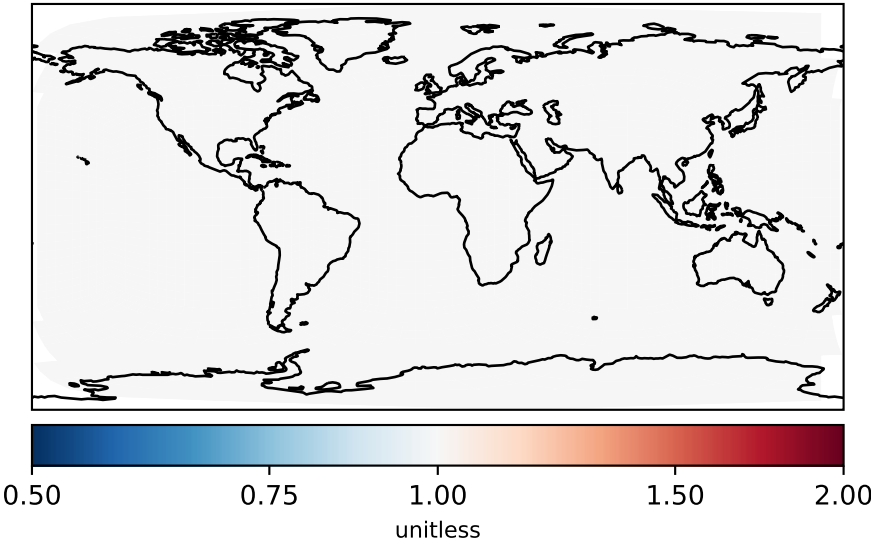
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

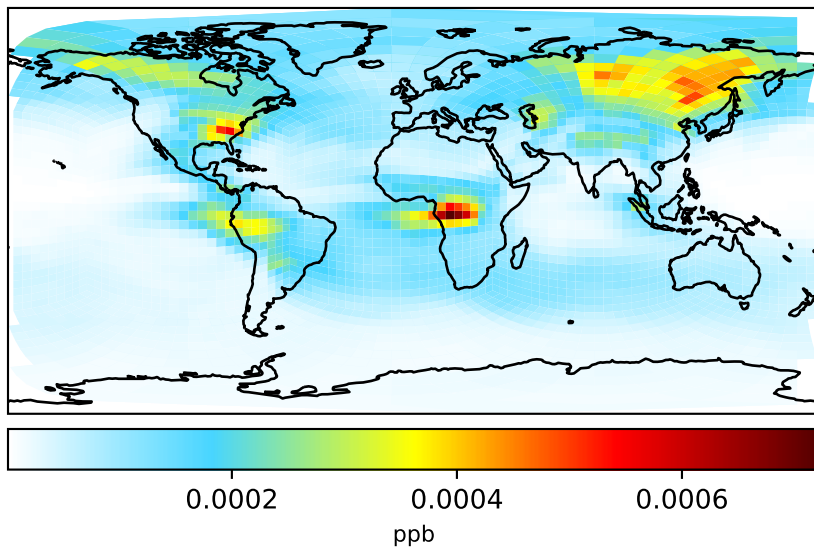


Ratio
Dev/Ref, Fixed Range

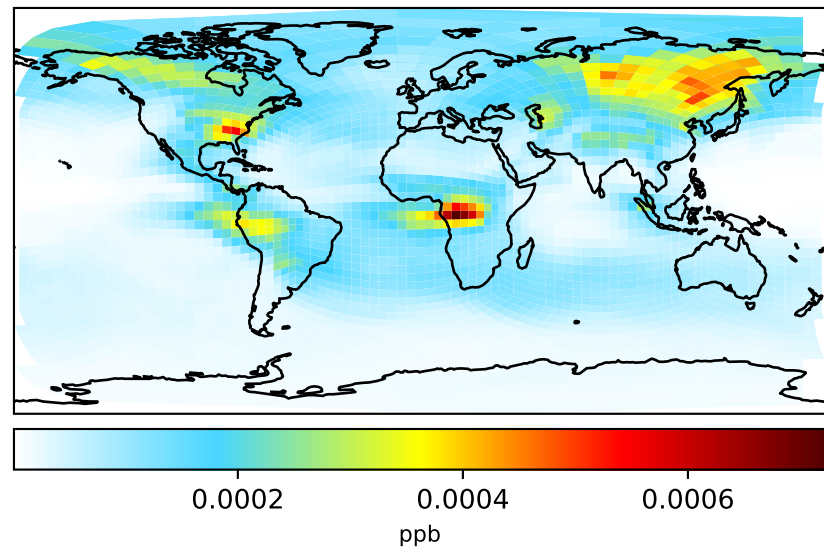


SpeciesConcVV_ETHN

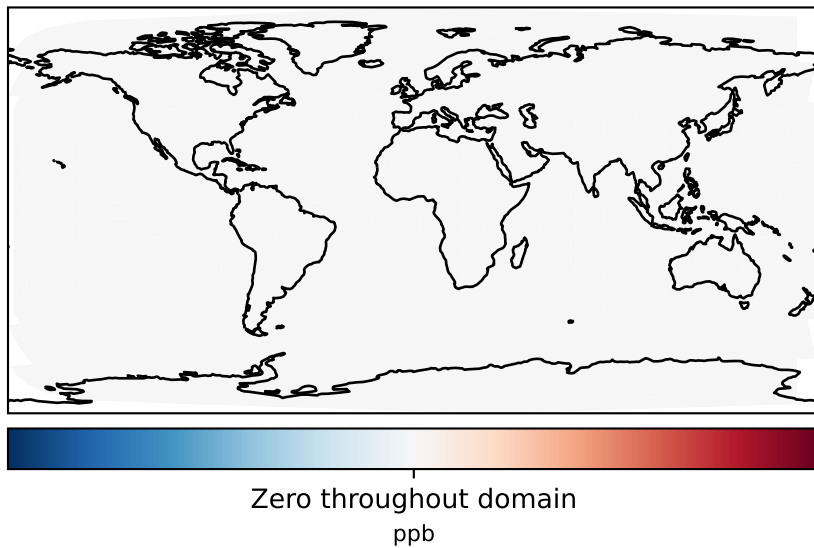
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



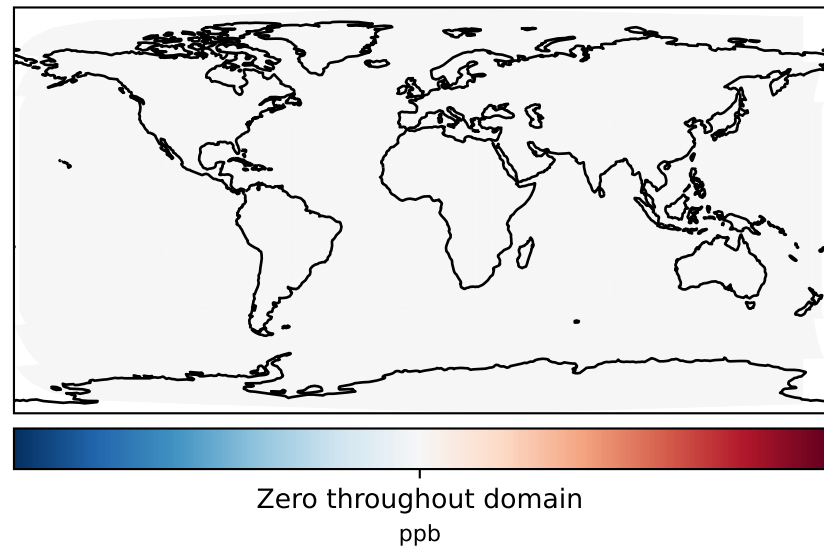
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



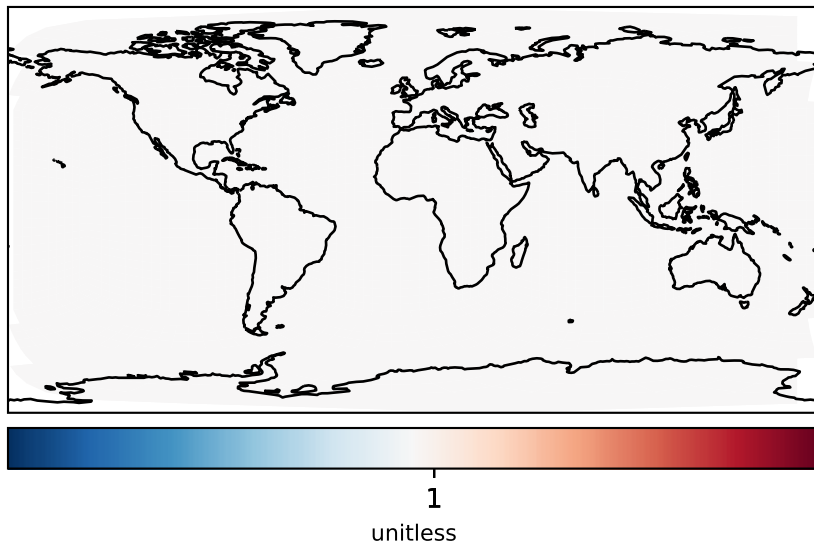
Difference
Dev - Ref, Dynamic Range



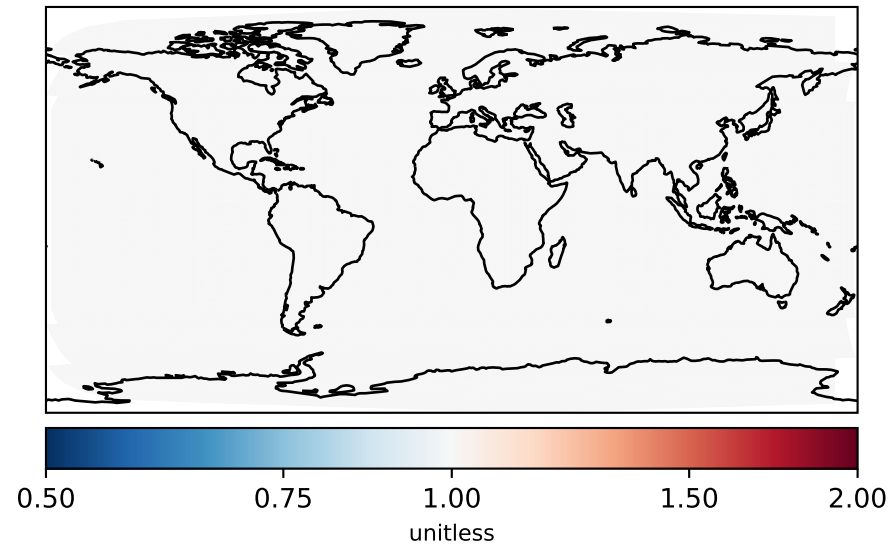
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

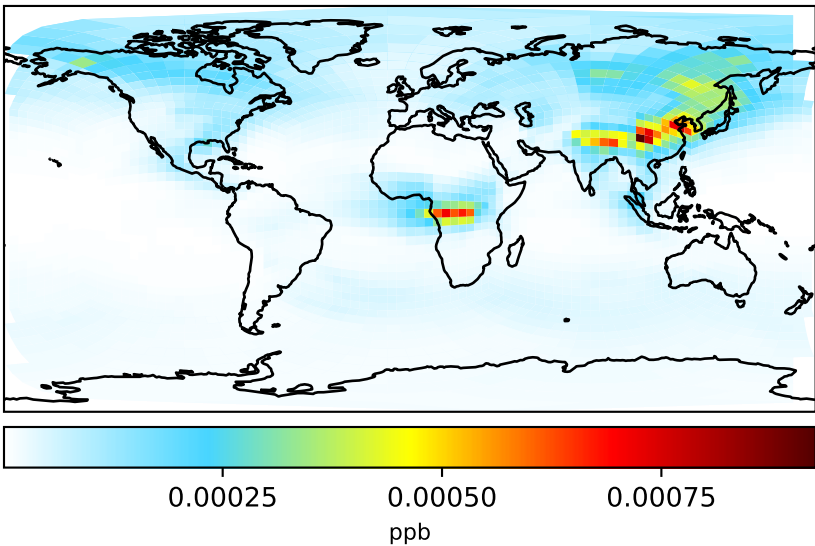


Ratio
Dev/Ref, Fixed Range

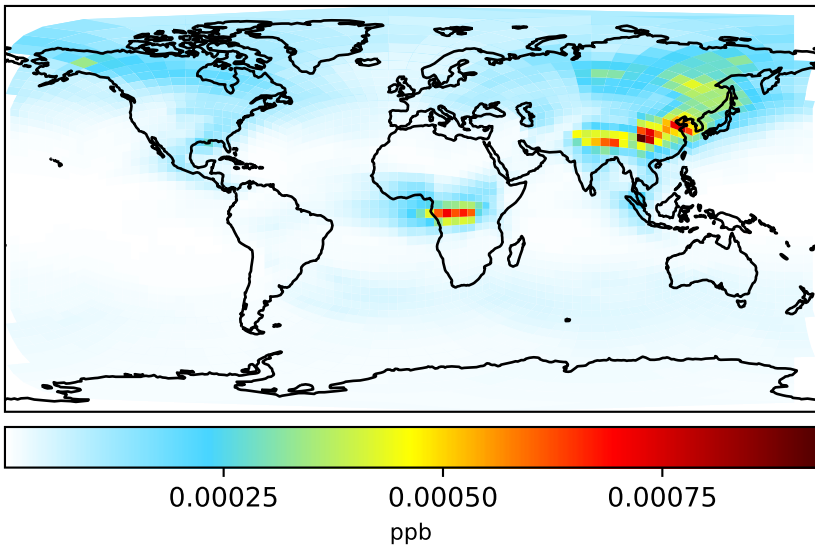


SpeciesConcVV_BZPAN

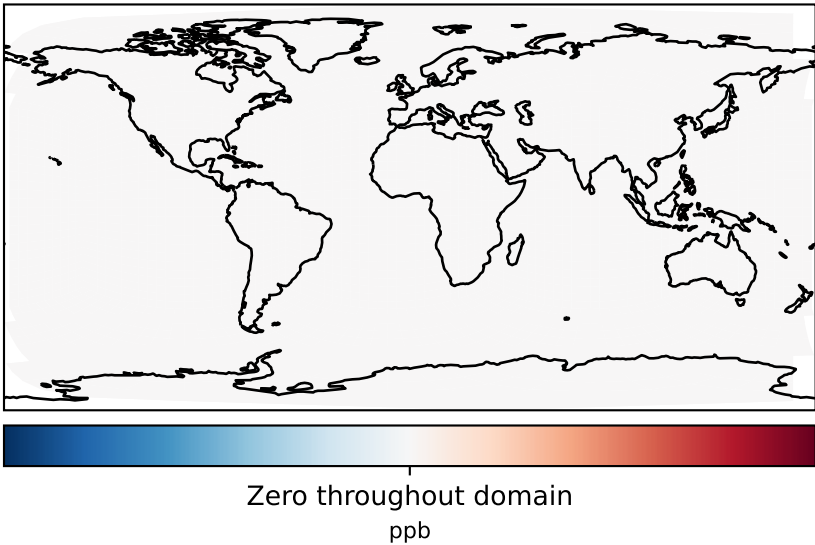
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



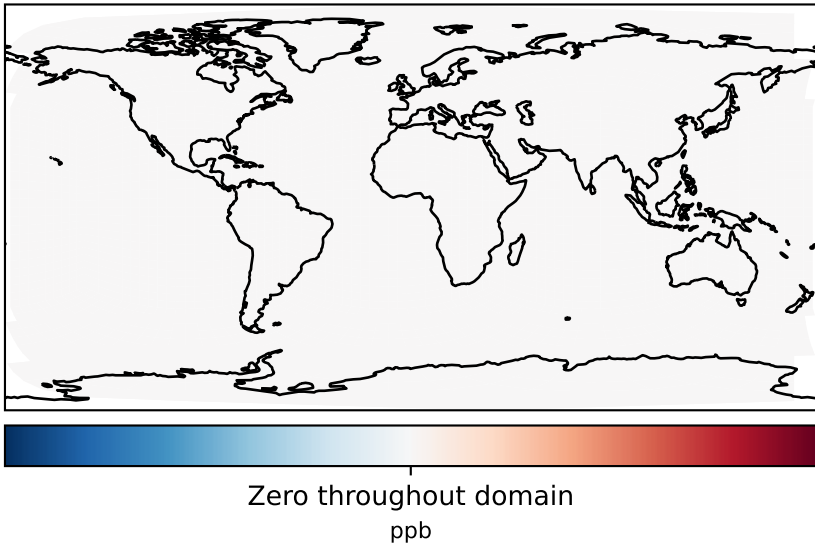
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



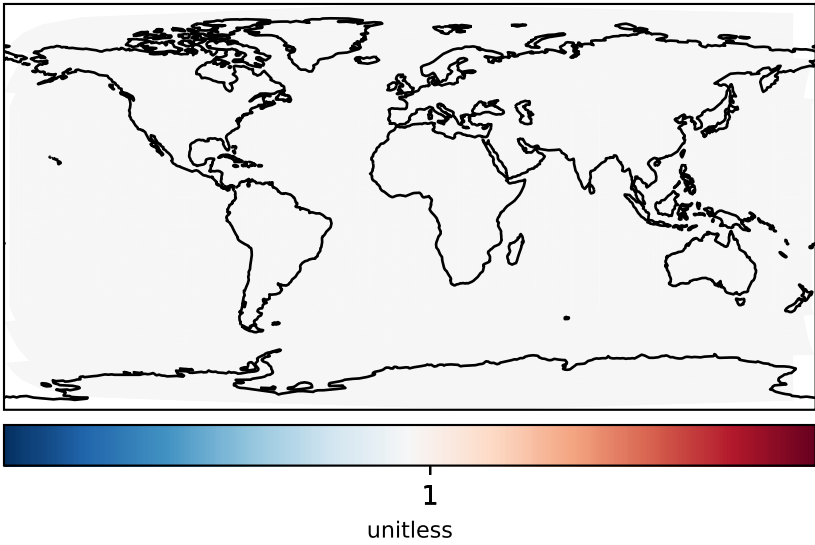
Difference
Dev - Ref, Dynamic Range



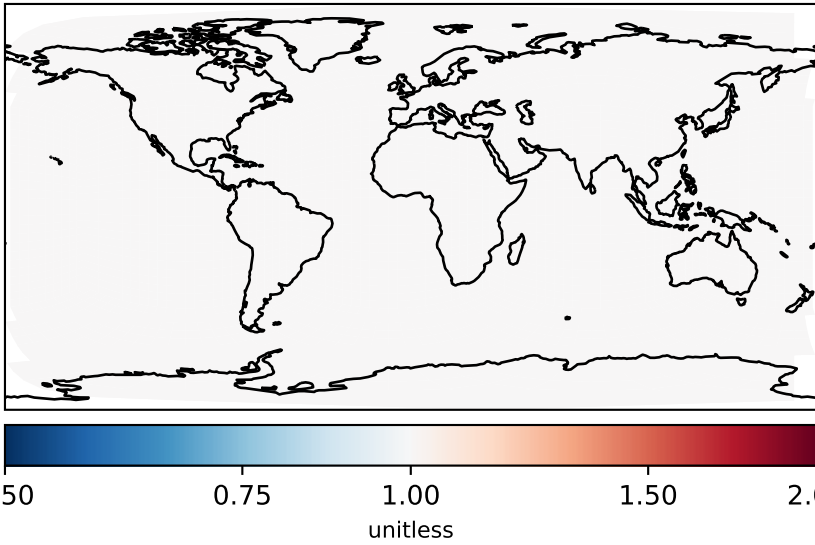
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

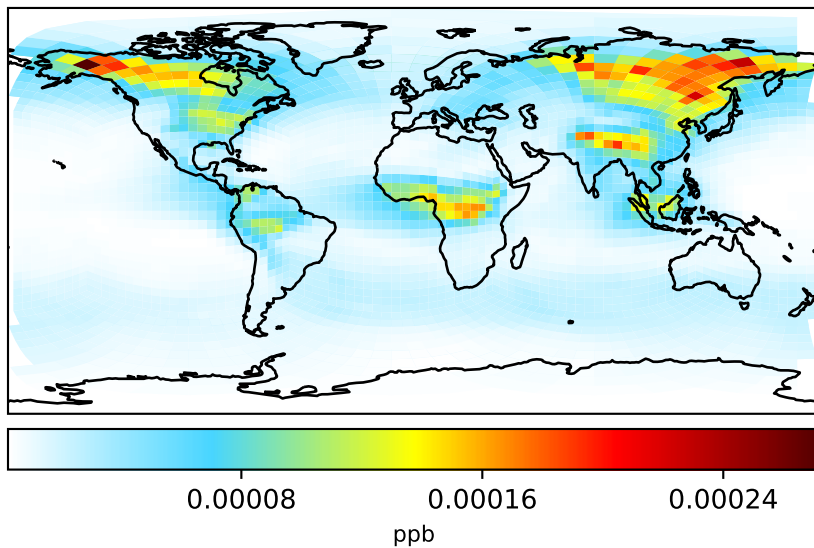


Ratio
Dev/Ref, Fixed Range

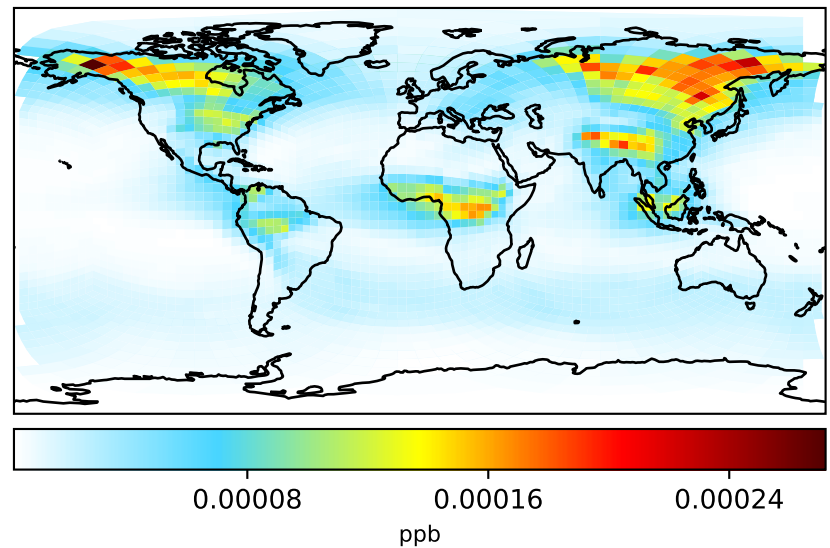


SpeciesConcVV_NPHEN

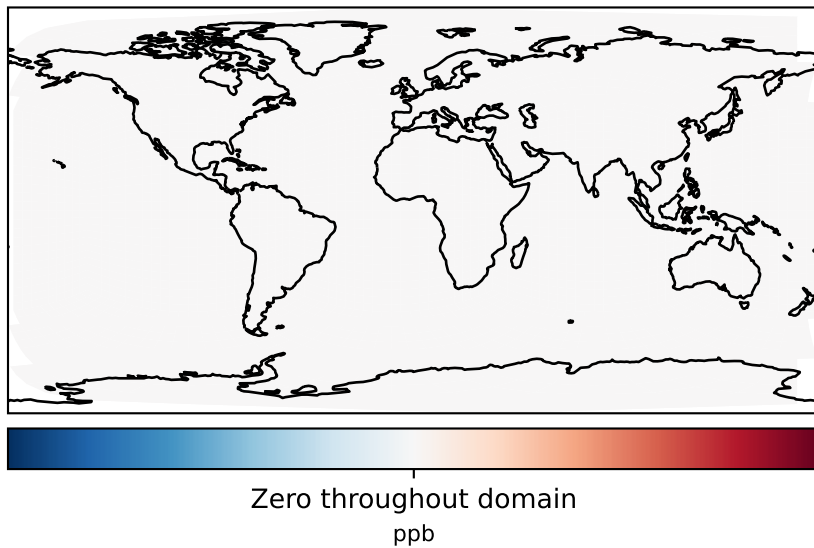
gchp-c24-1Mon-14.7.0-alpha.6 (Ref)
c24



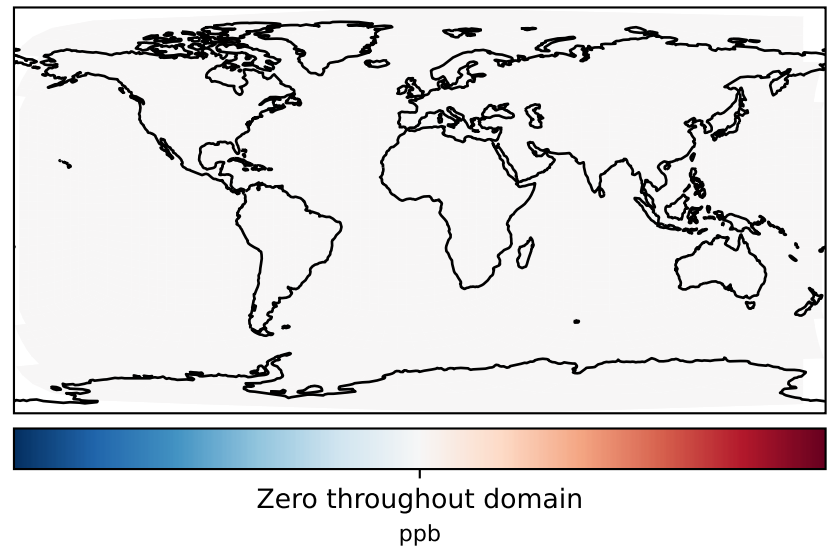
gchp-c24-1Mon-14.7.0-alpha.7 (Dev)
c24



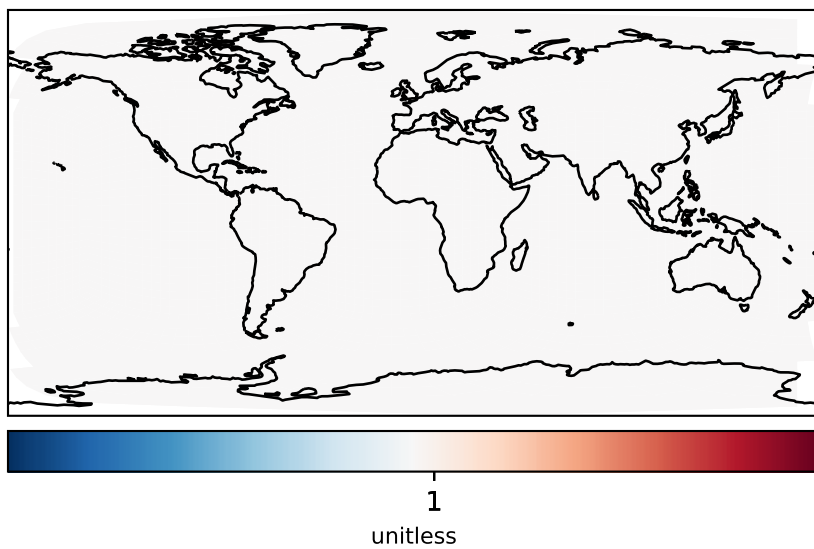
Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

