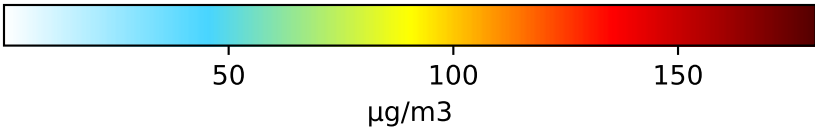
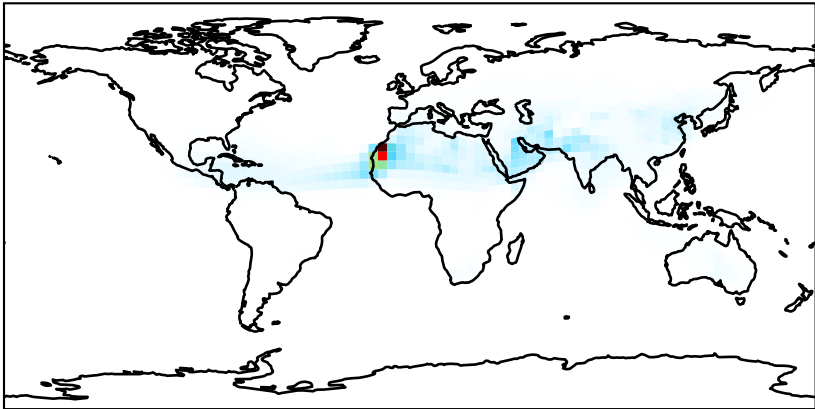
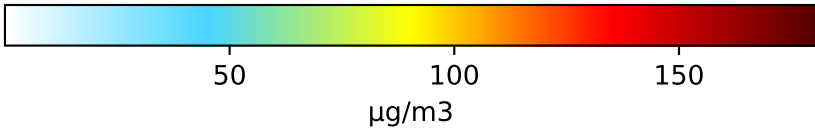
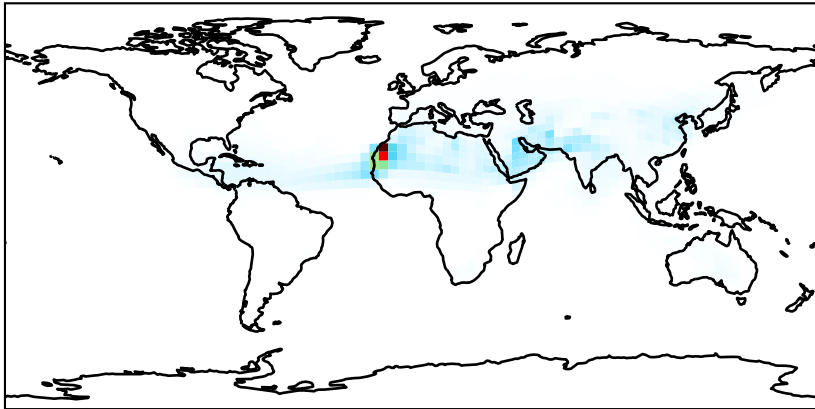


SpeciesConcVV_DST1

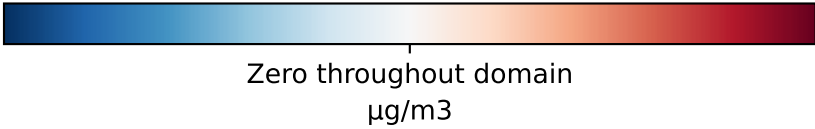
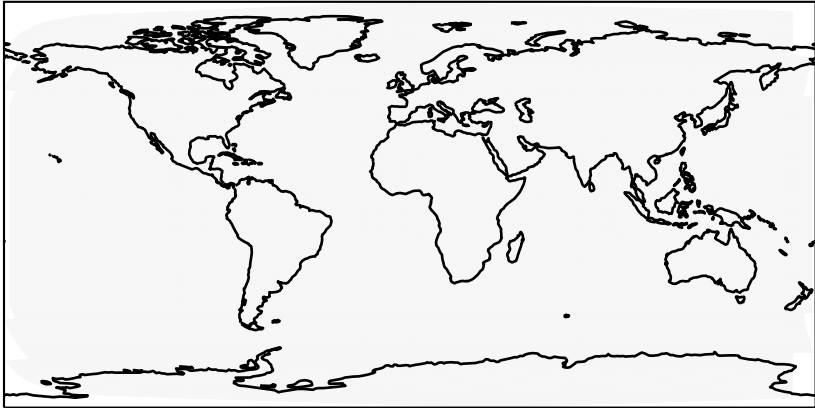
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



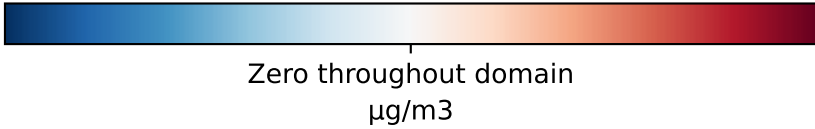
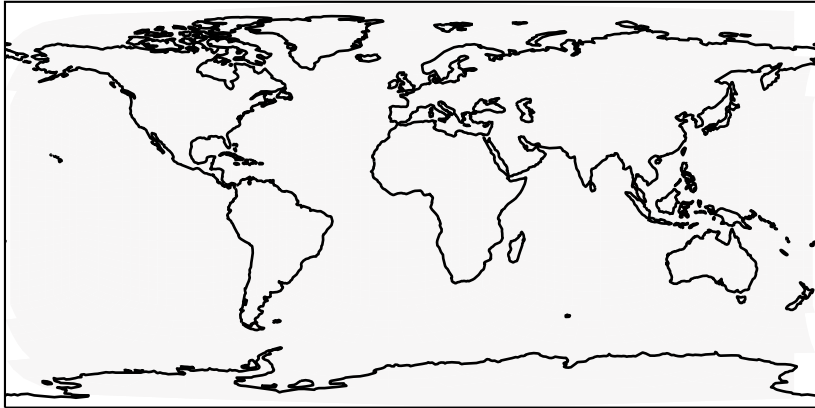
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



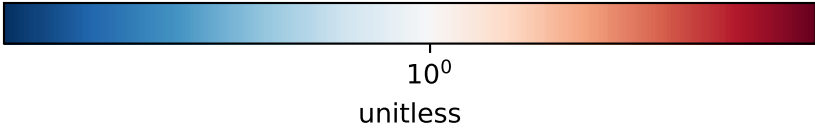
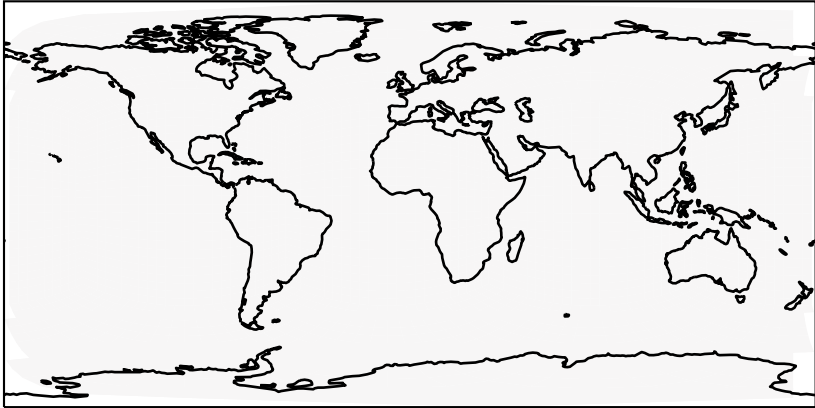
Difference
Dev - Ref, Dynamic Range



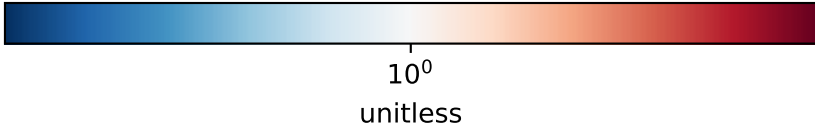
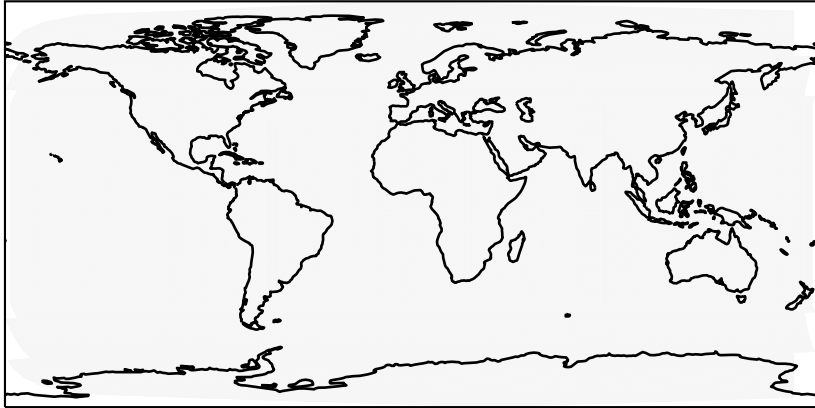
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

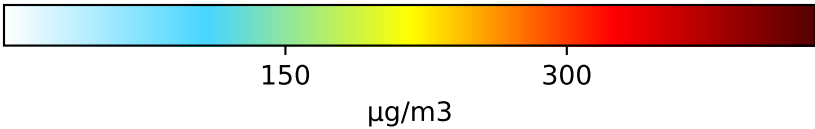
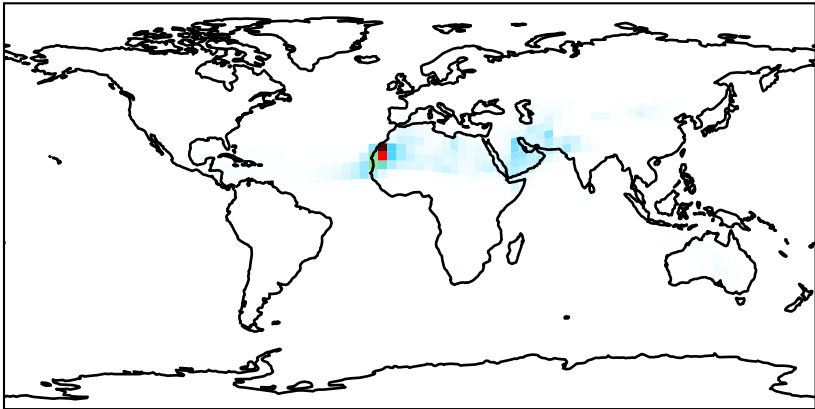


Ratio
Dev/Ref, Fixed Range

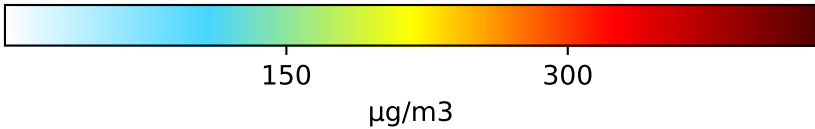
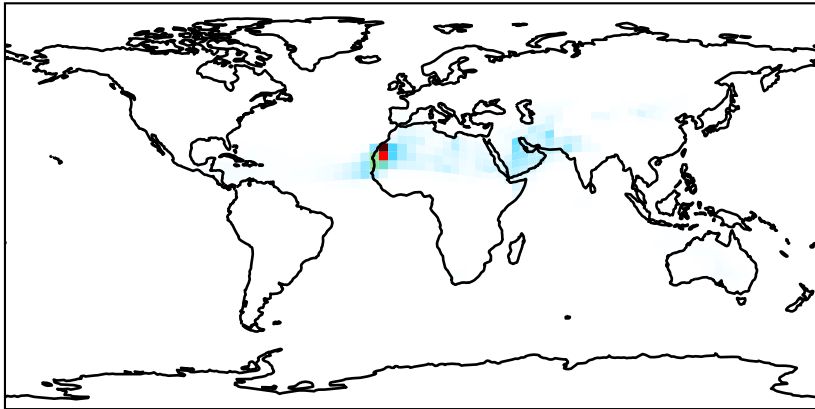


SpeciesConcVV_DST2

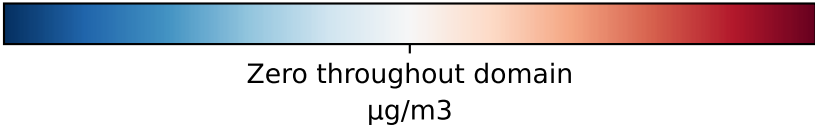
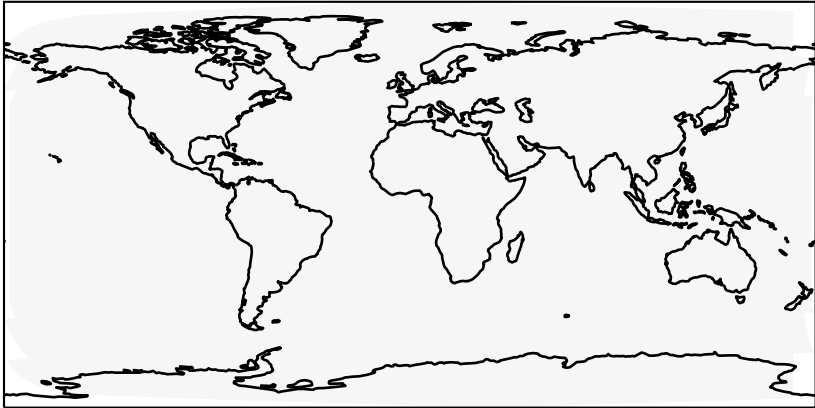
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



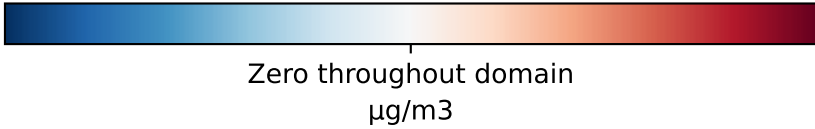
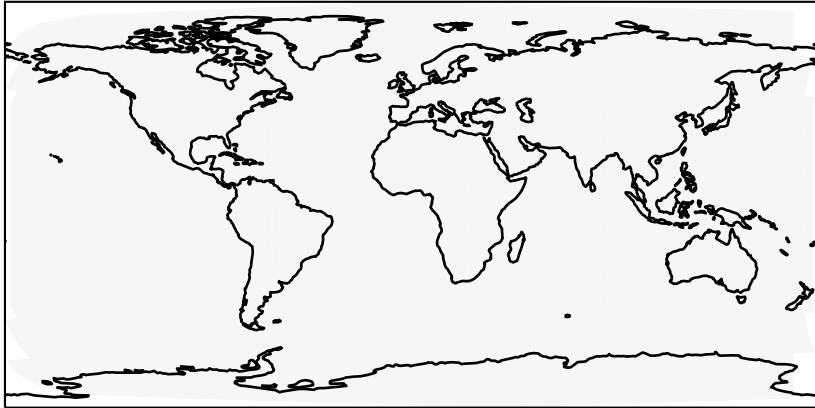
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



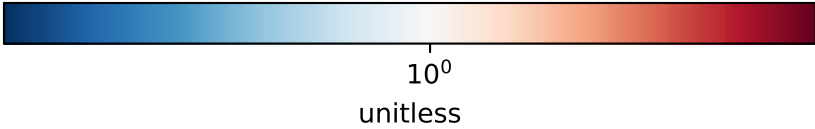
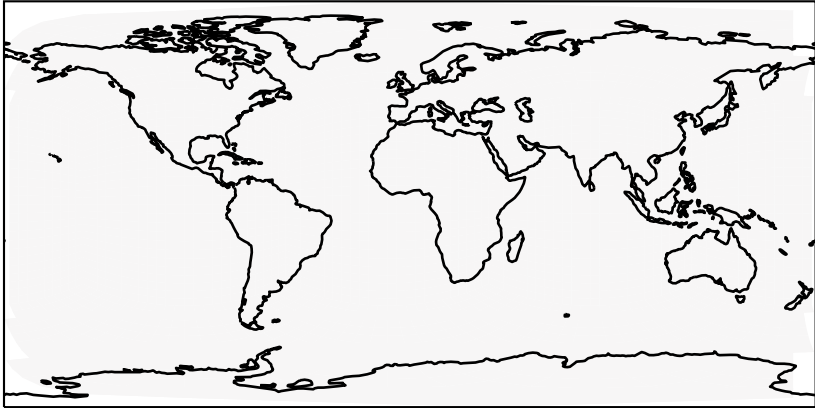
Difference
Dev - Ref, Dynamic Range



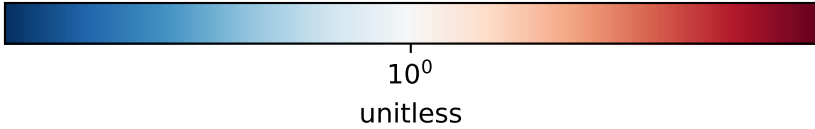
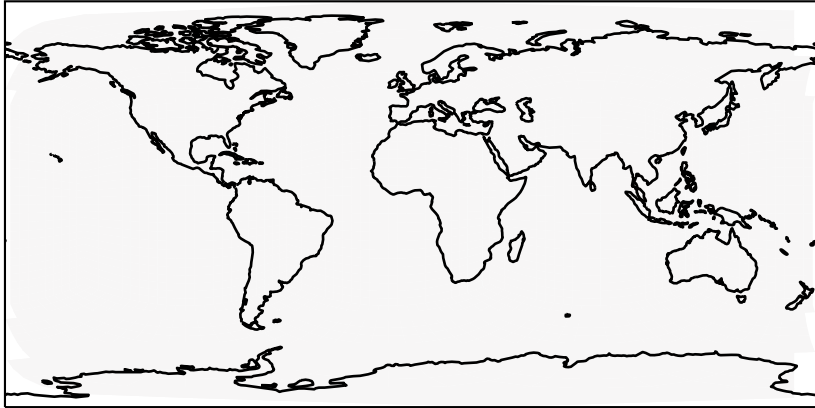
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

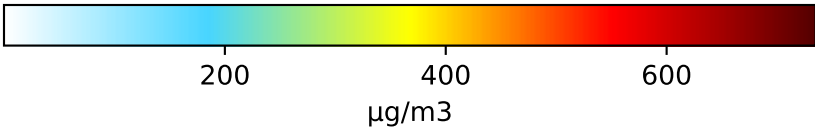
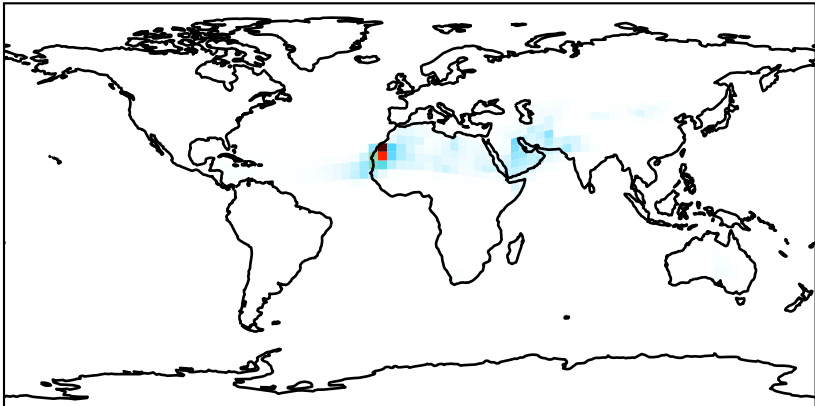


Ratio
Dev/Ref, Fixed Range

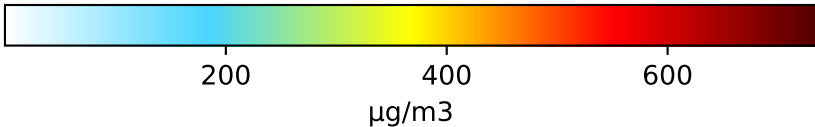
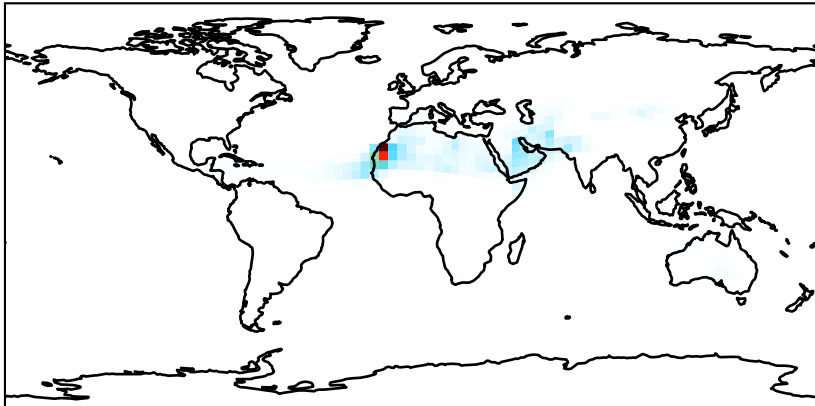


SpeciesConcVV_DST3

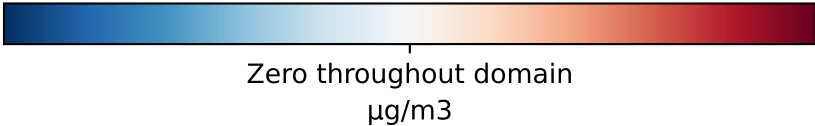
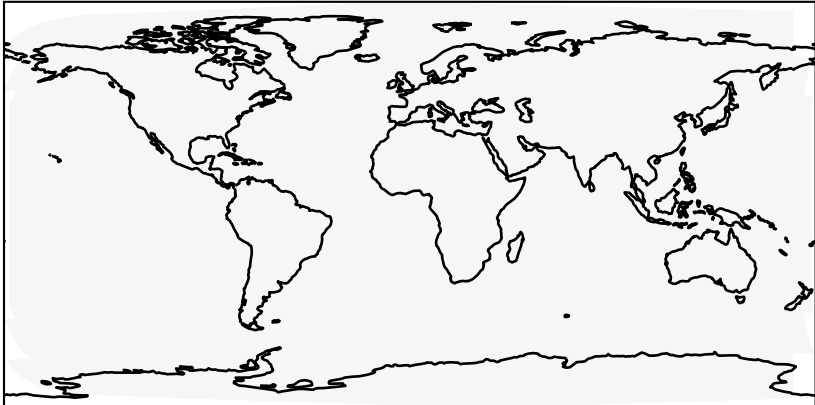
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



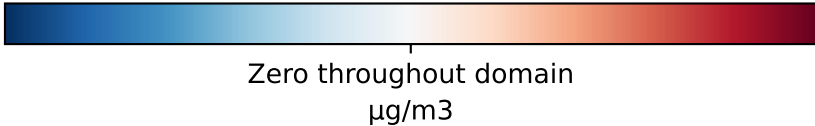
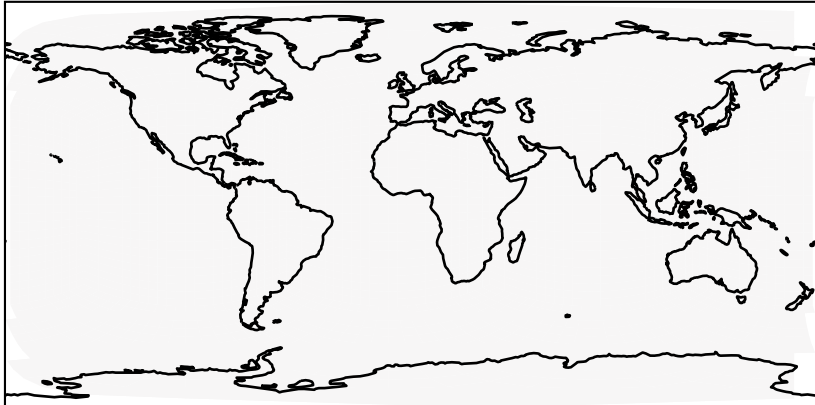
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



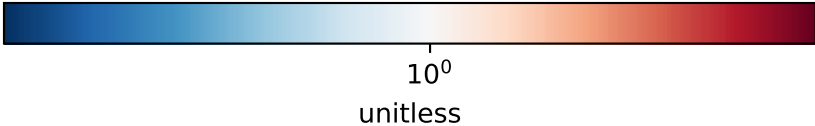
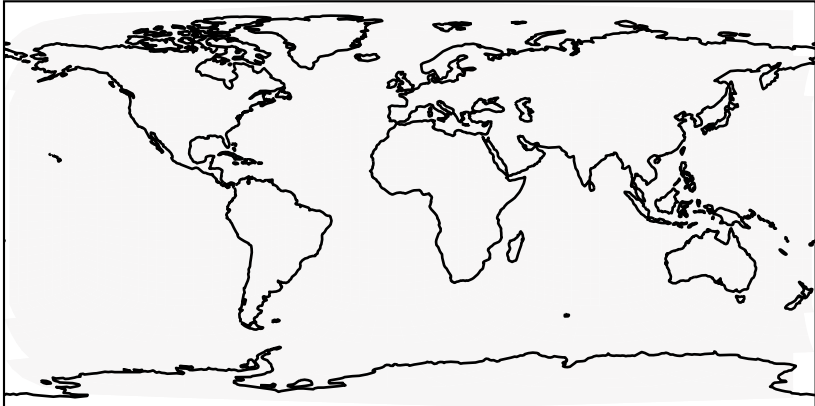
Difference
Dev - Ref, Dynamic Range



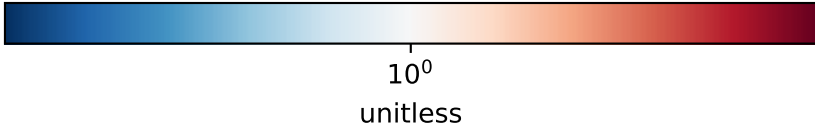
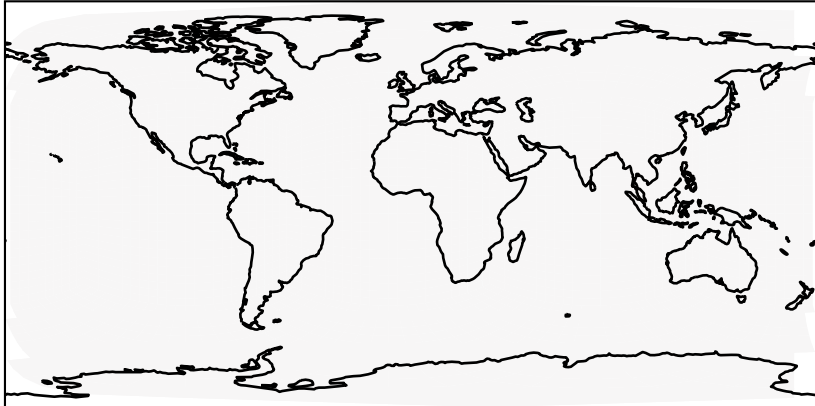
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

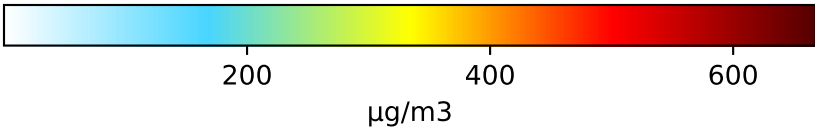
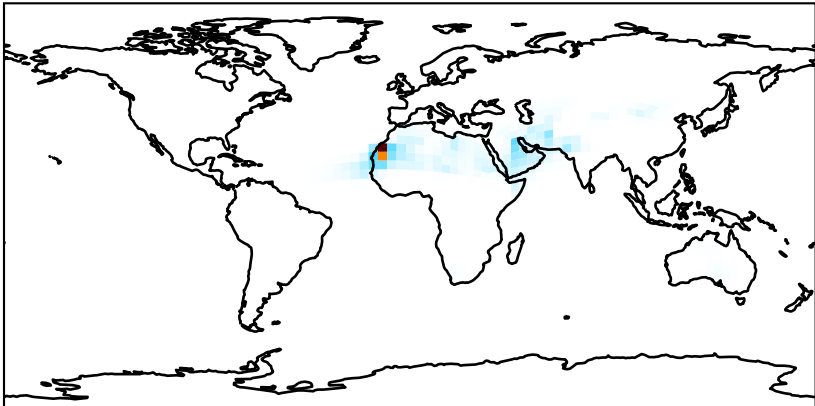


Ratio
Dev/Ref, Fixed Range

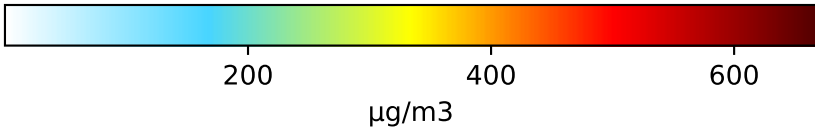
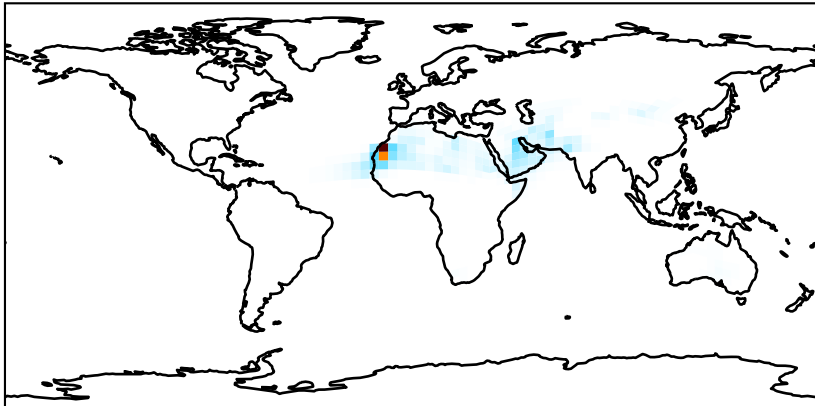


SpeciesConcVV_DST4

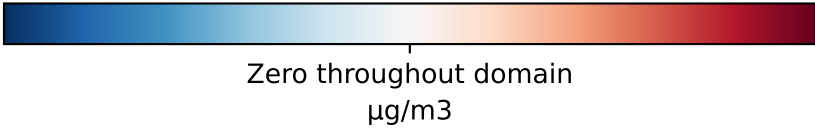
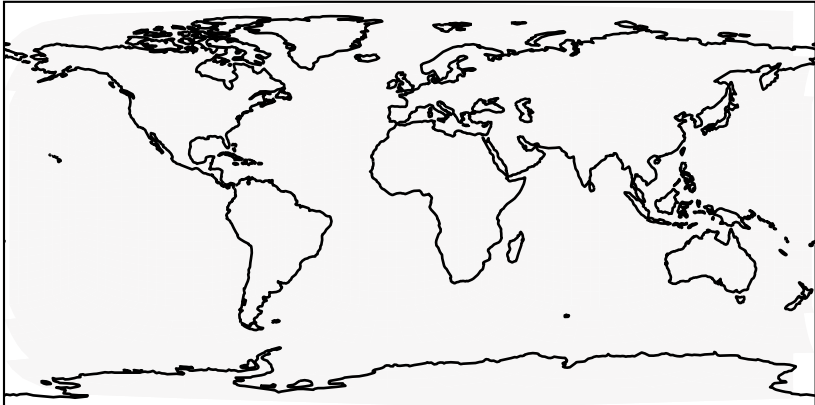
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



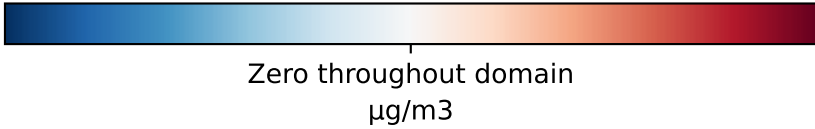
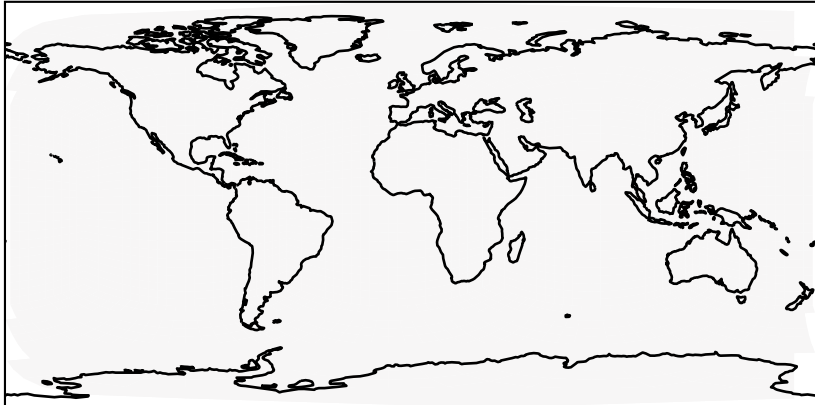
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



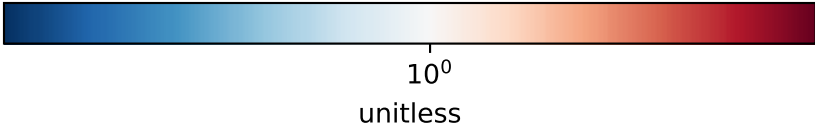
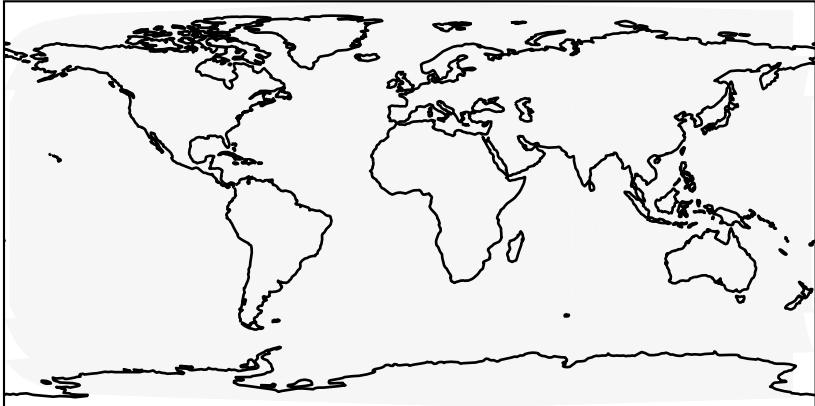
Difference
Dev - Ref, Dynamic Range



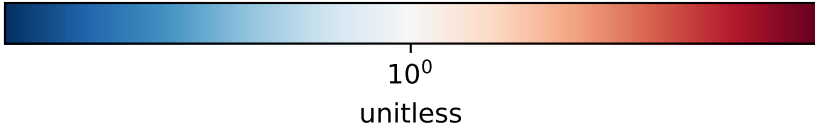
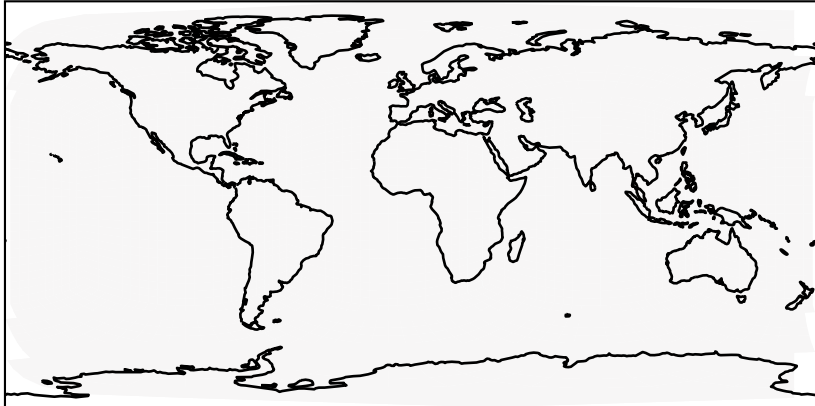
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

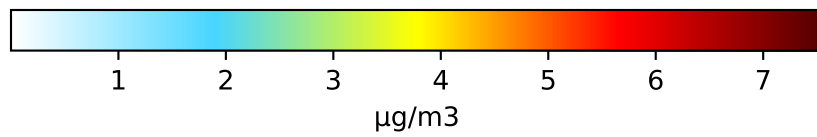
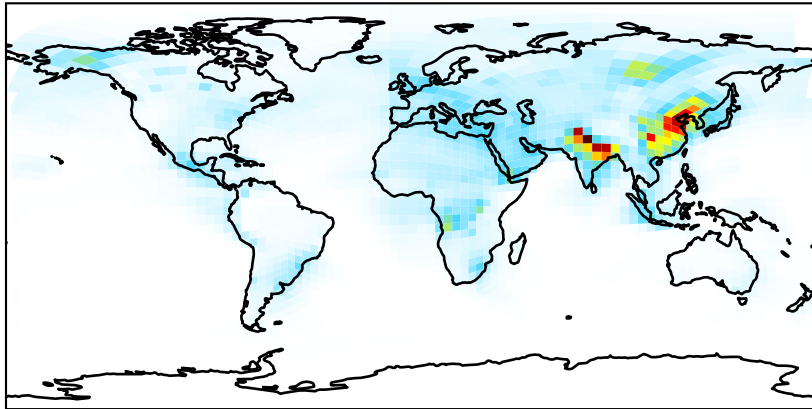


Ratio
Dev/Ref, Fixed Range

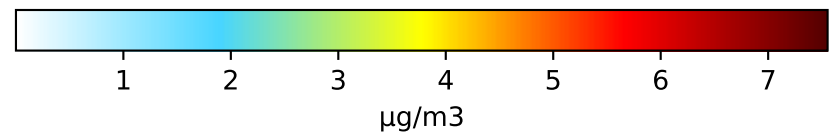
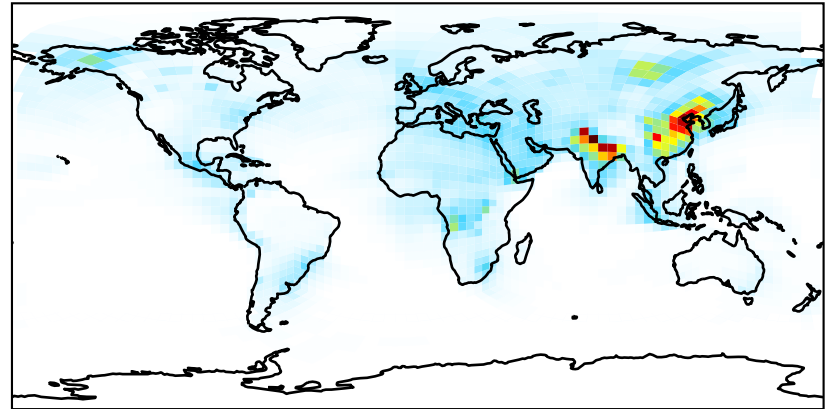


SpeciesConcVV_NH4

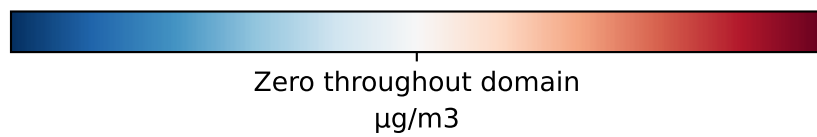
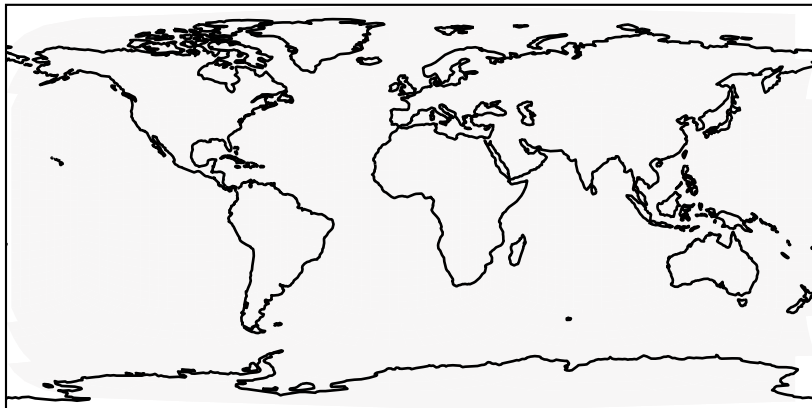
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



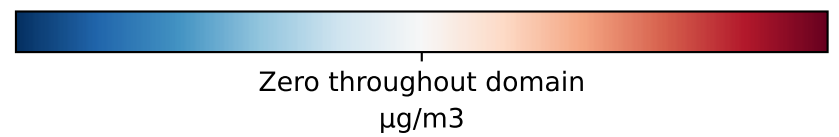
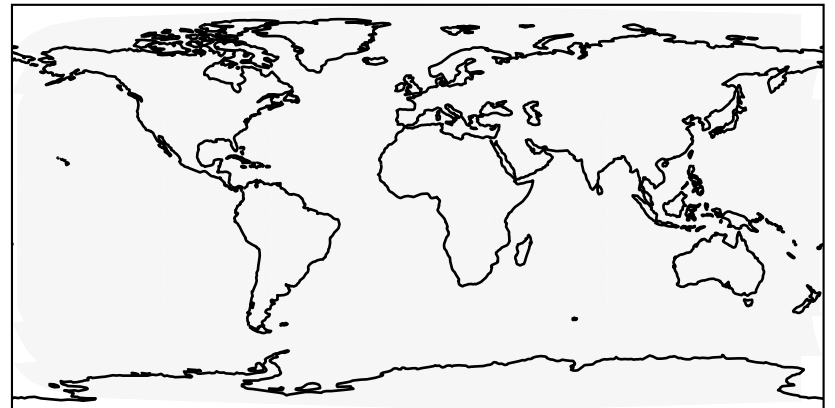
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



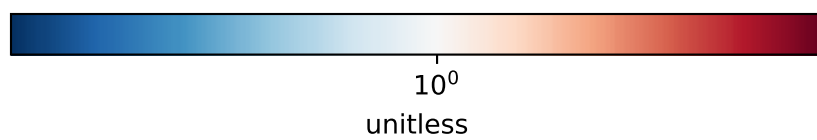
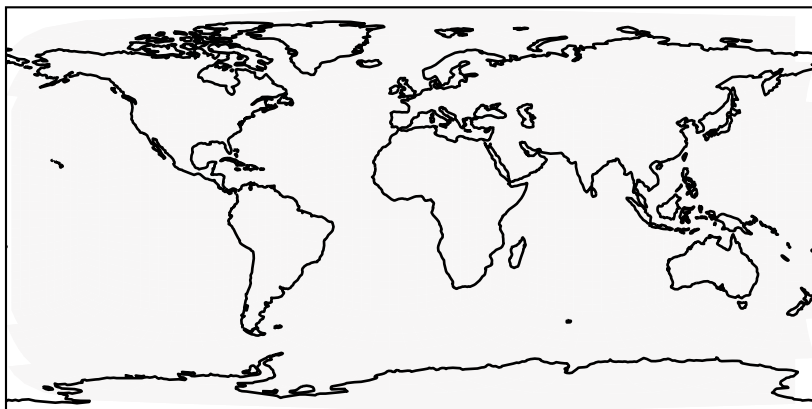
Difference
Dev - Ref, Dynamic Range



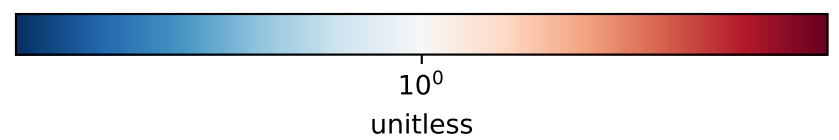
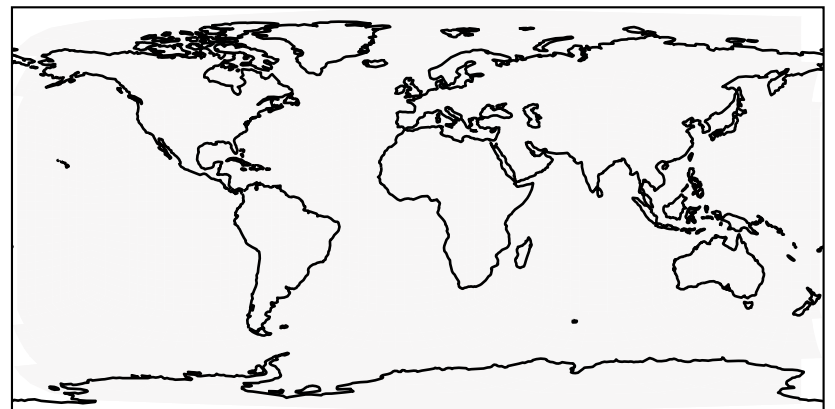
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

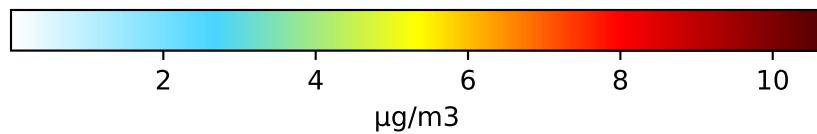
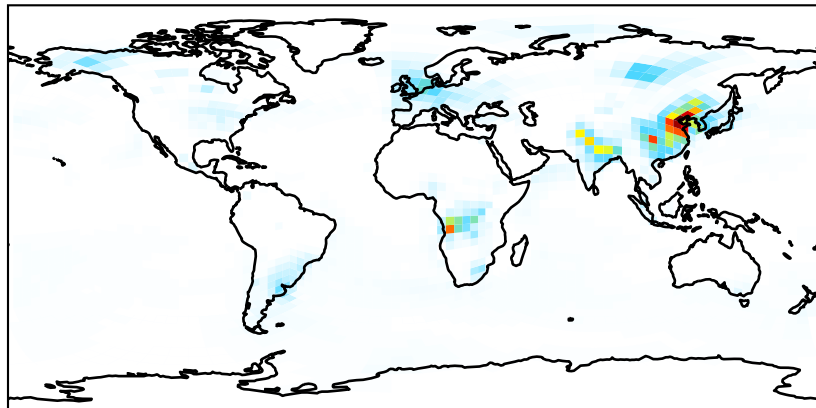


Ratio
Dev/Ref, Fixed Range

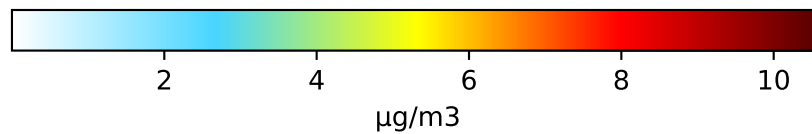
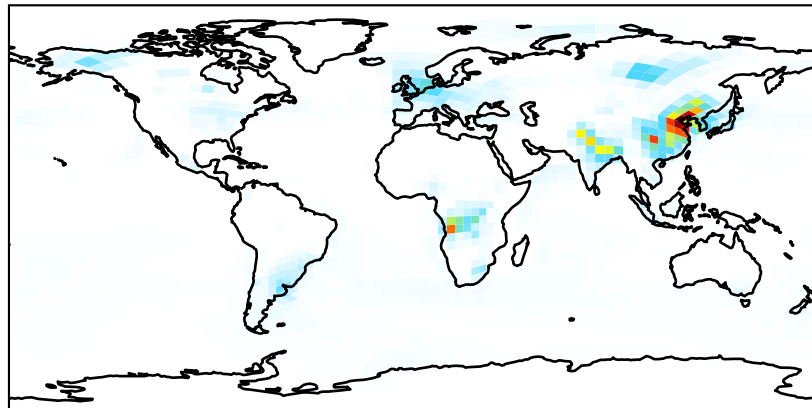


SpeciesConcVV_NIT

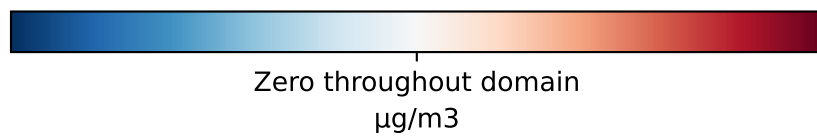
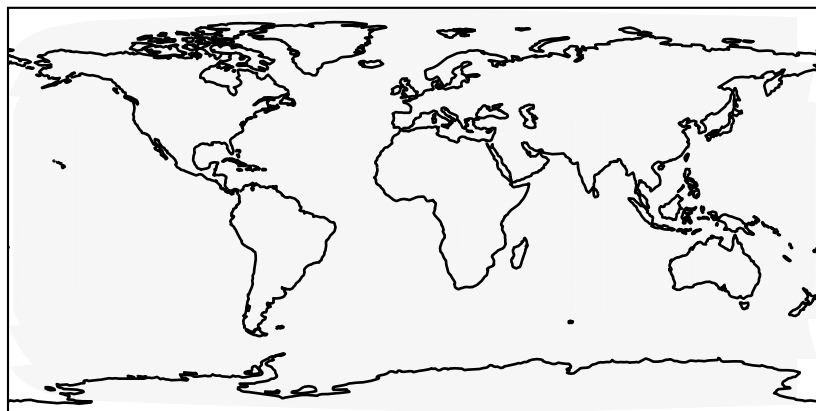
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



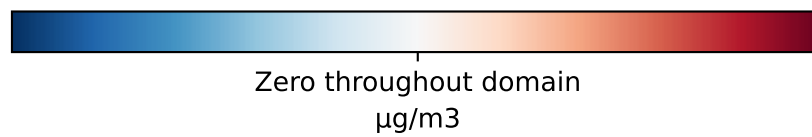
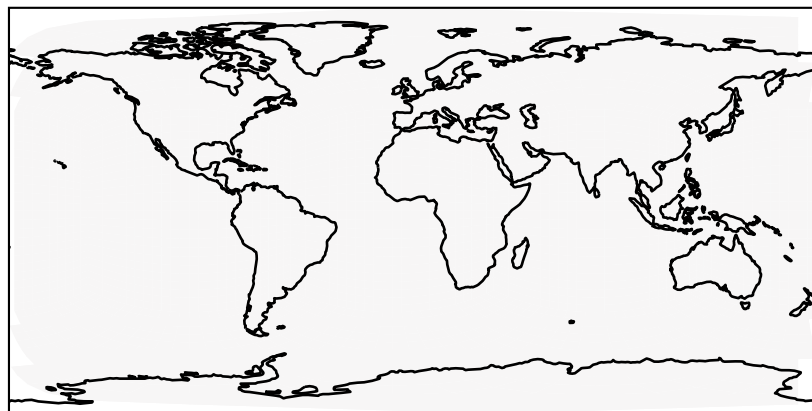
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



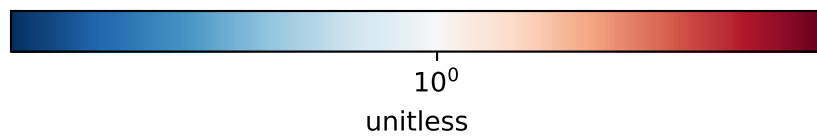
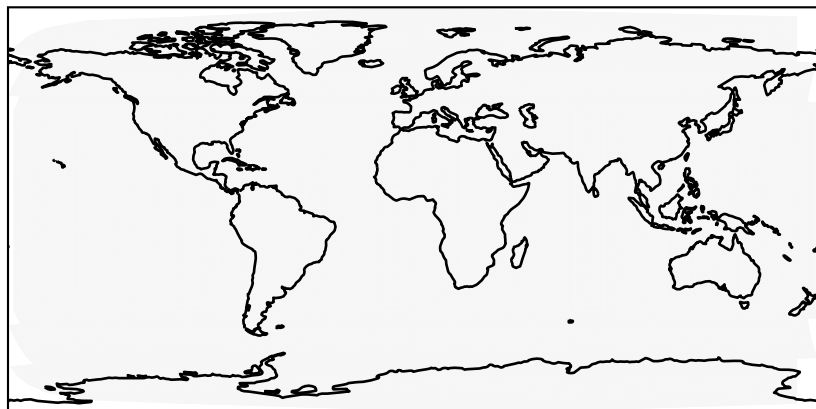
Difference
Dev - Ref, Dynamic Range



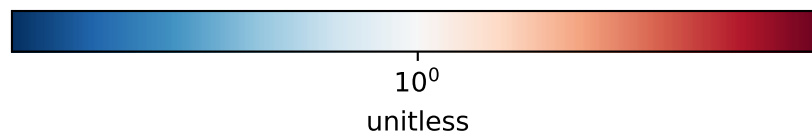
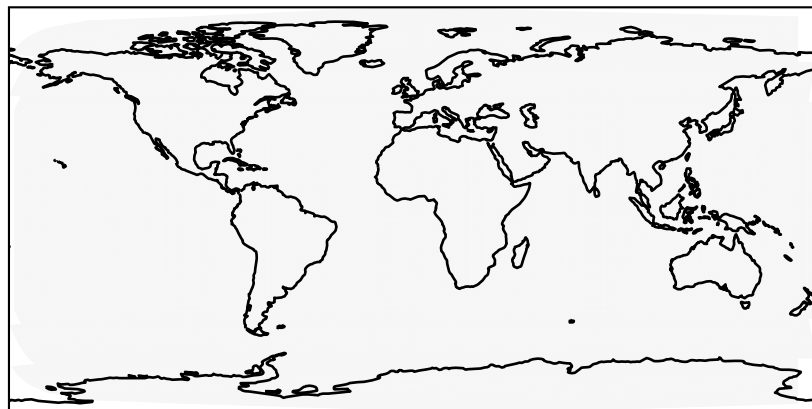
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

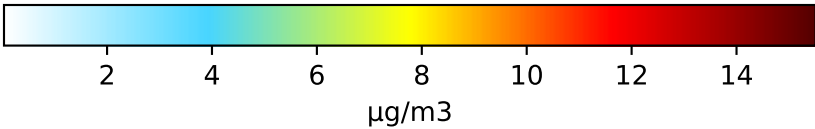
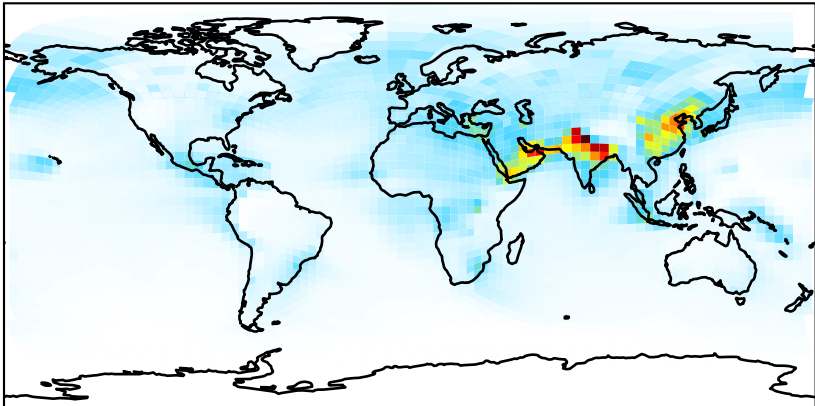


Ratio
Dev/Ref, Fixed Range

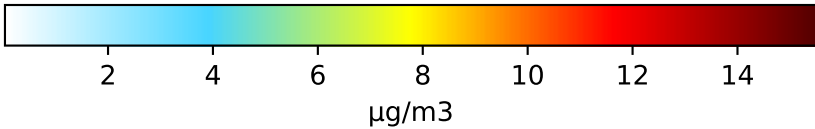
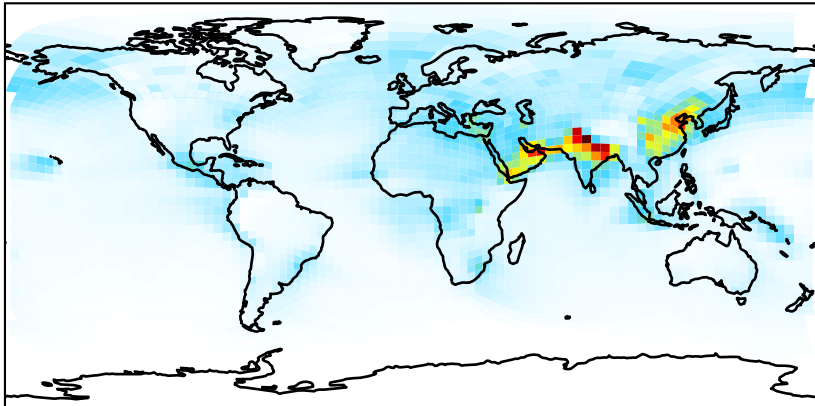


SpeciesConcVV_S04

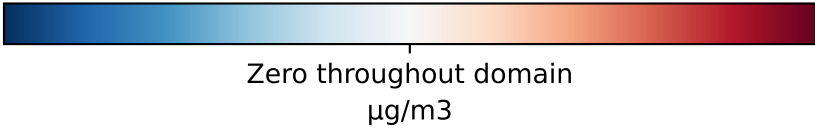
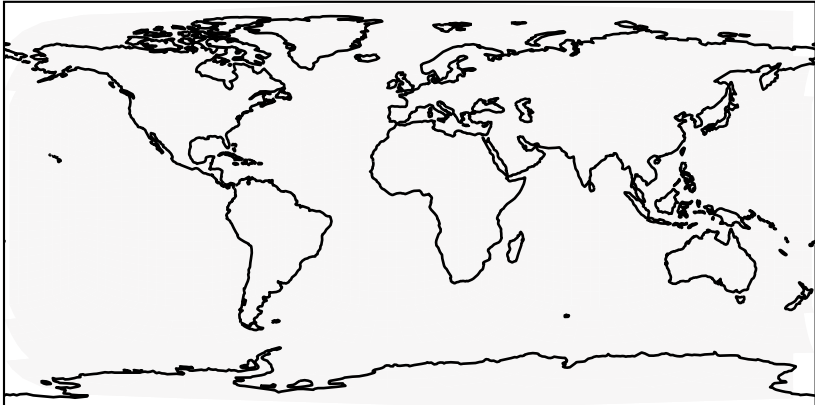
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



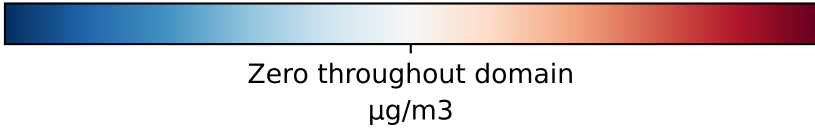
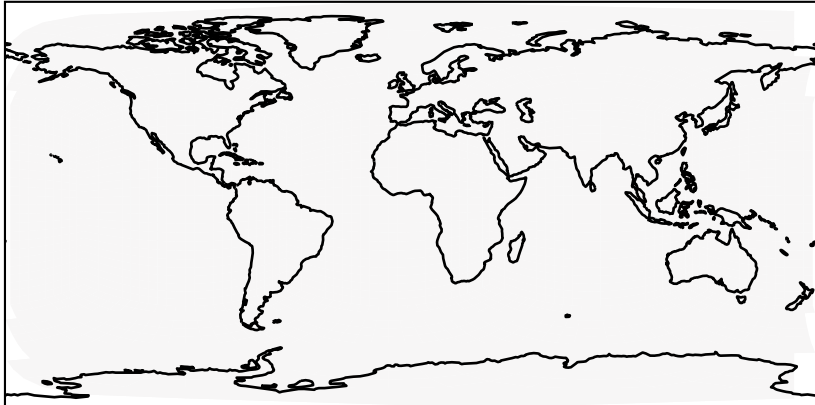
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



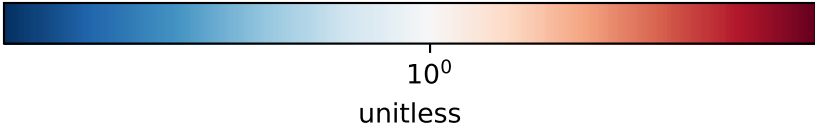
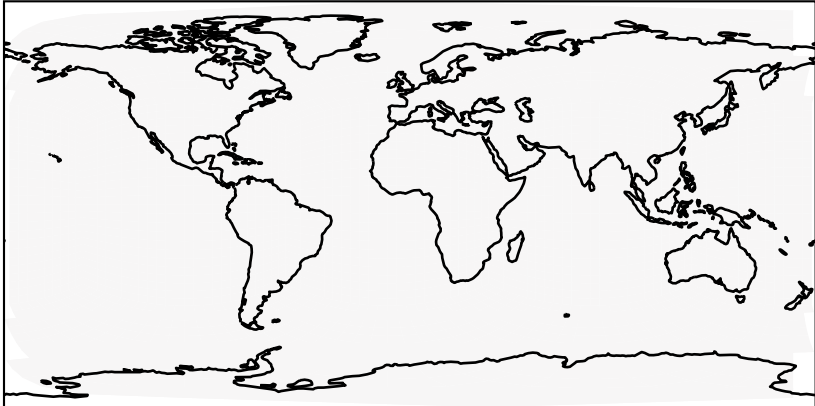
Difference
Dev - Ref, Dynamic Range



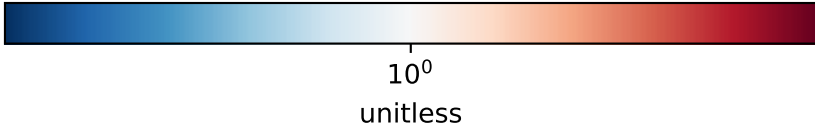
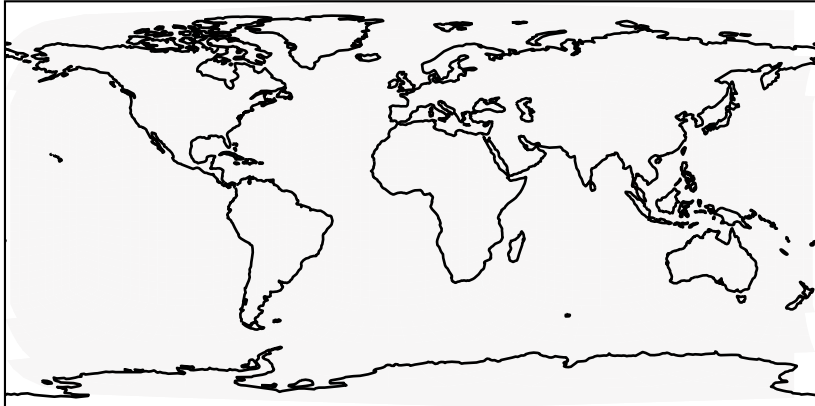
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

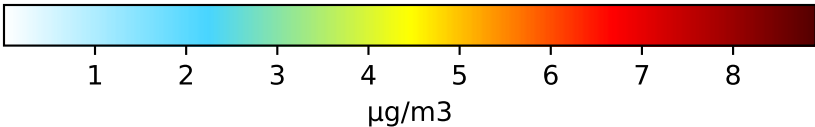
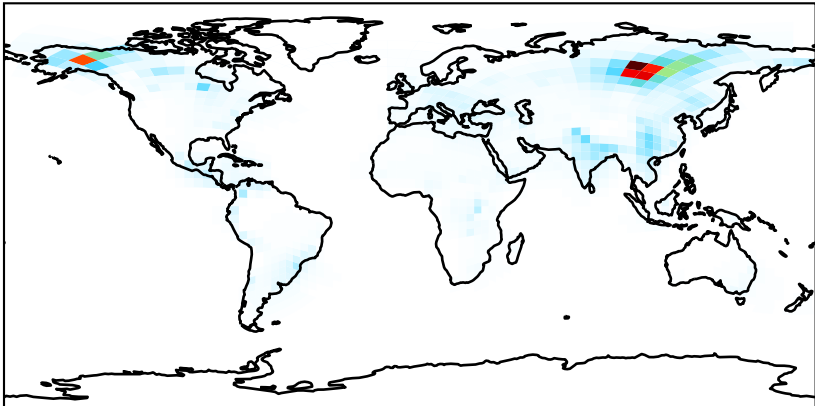


Ratio
Dev/Ref, Fixed Range

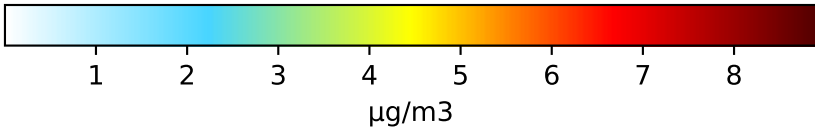
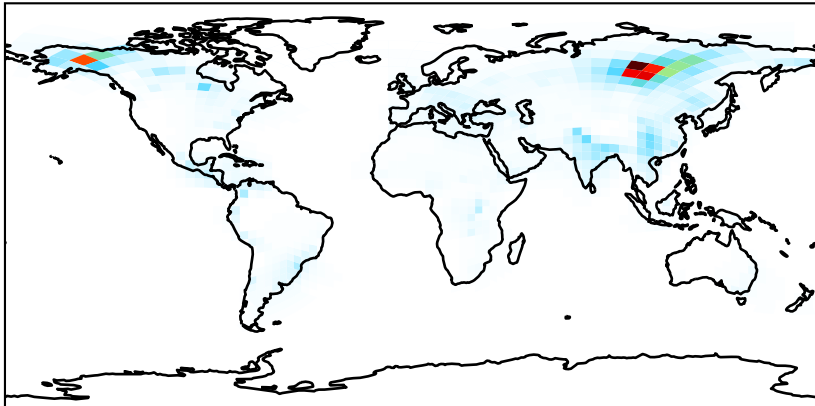


SpeciesConcVV_HMS

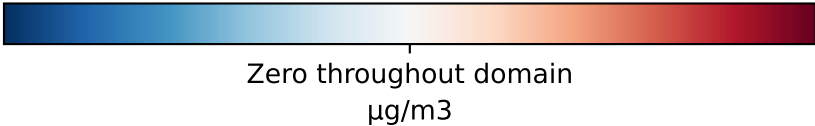
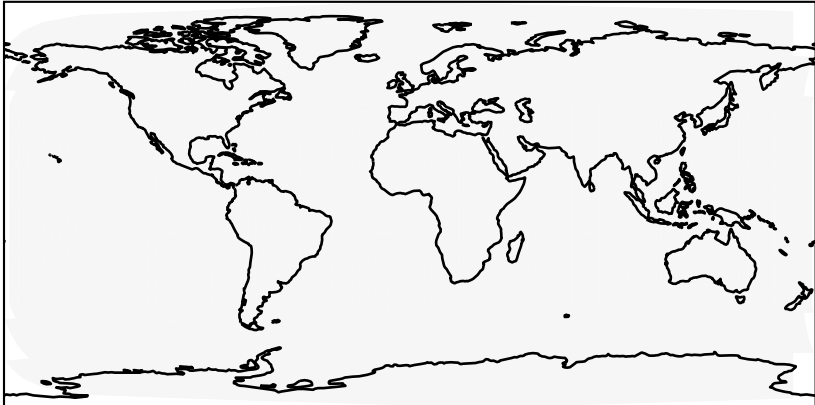
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



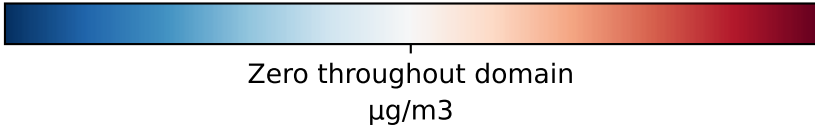
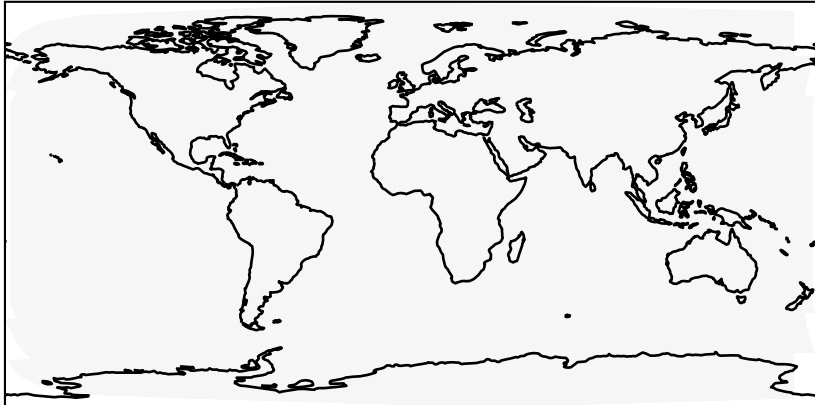
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



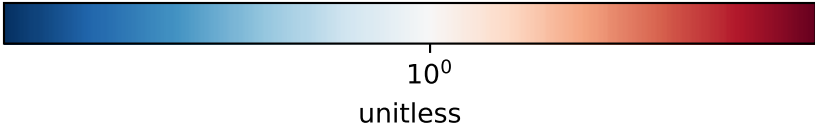
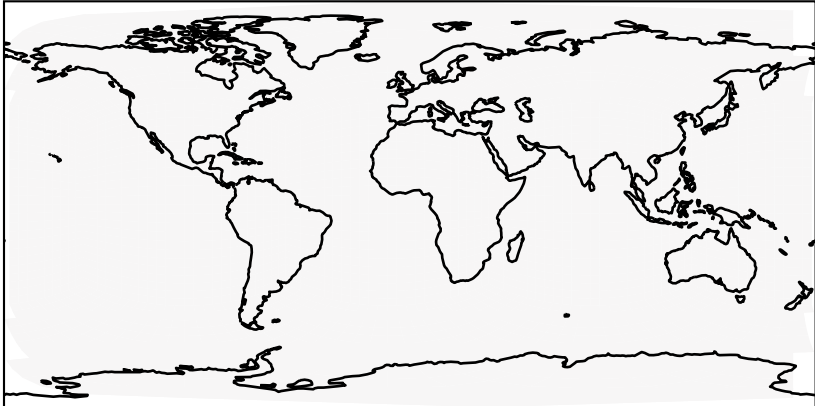
Difference
Dev - Ref, Dynamic Range



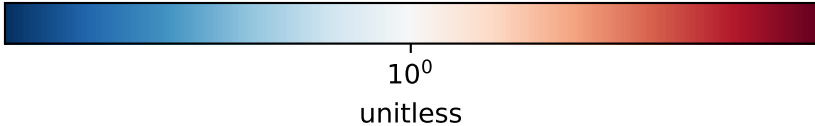
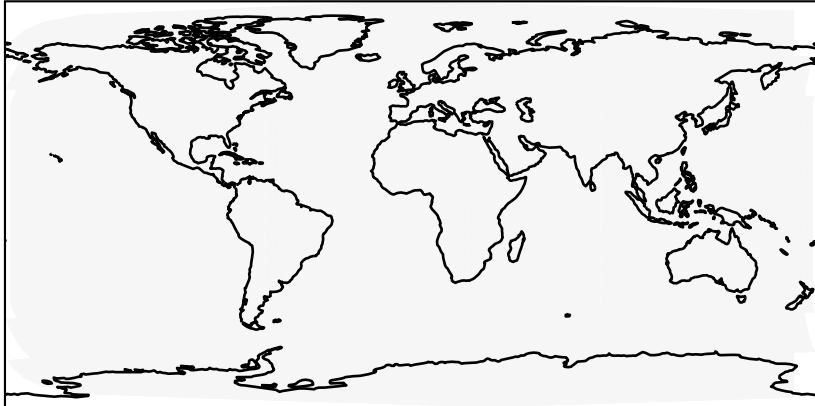
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

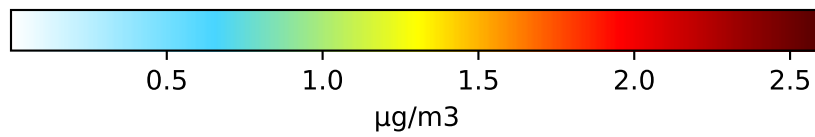
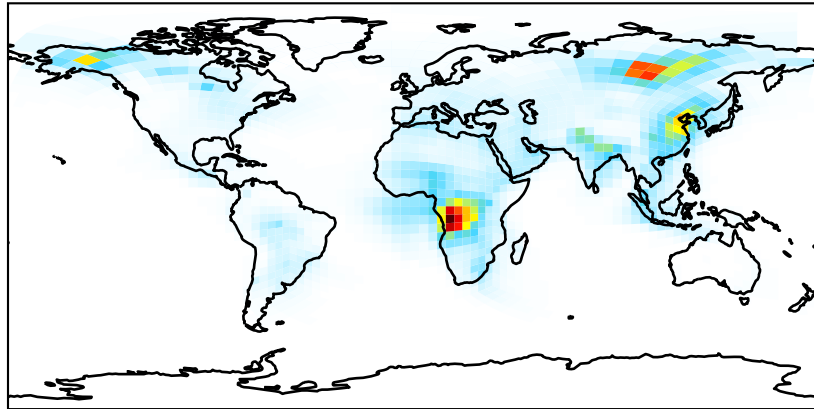


Ratio
Dev/Ref, Fixed Range

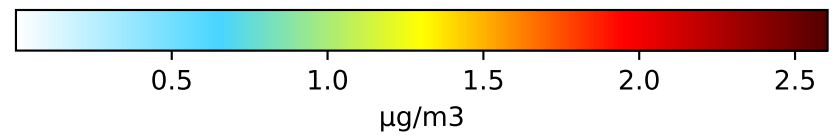
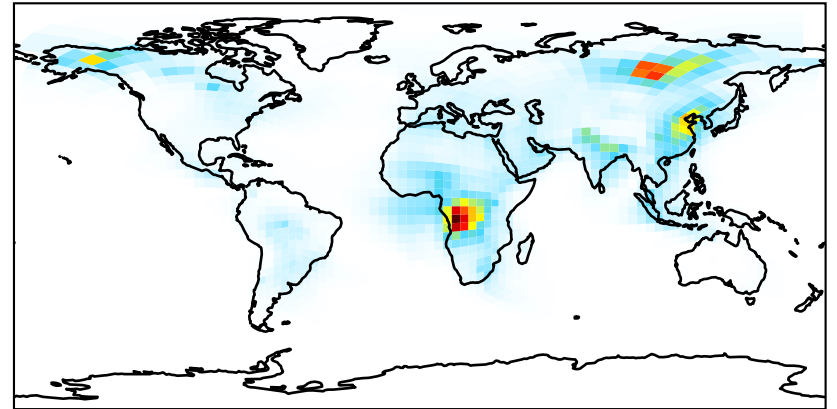


SpeciesConcVW_BCPI

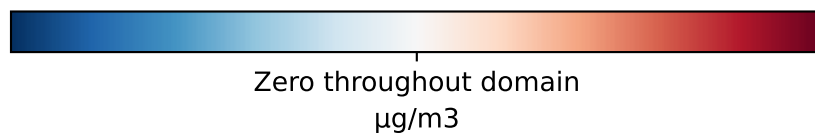
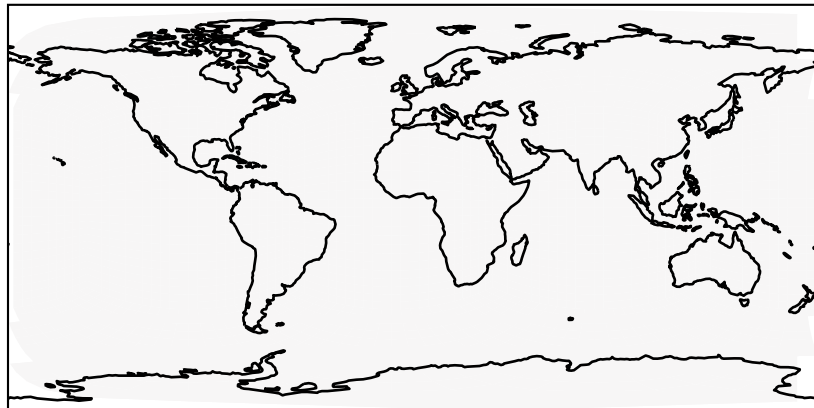
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



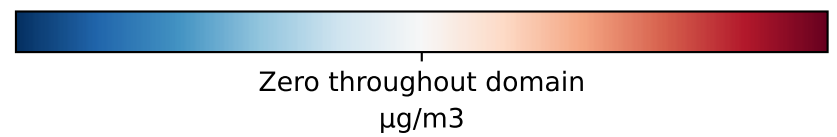
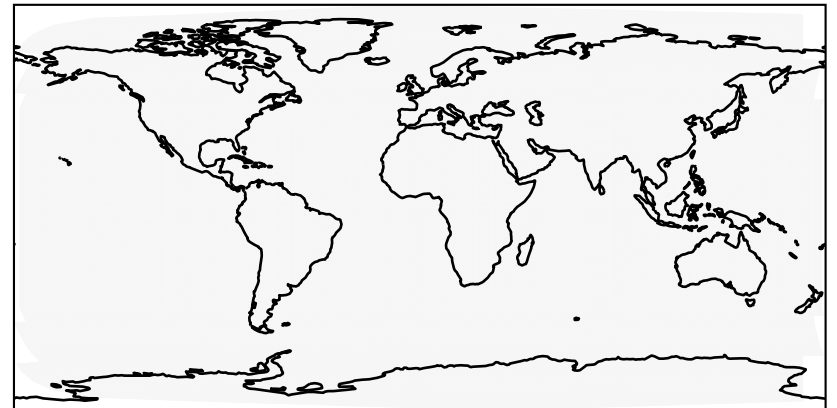
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



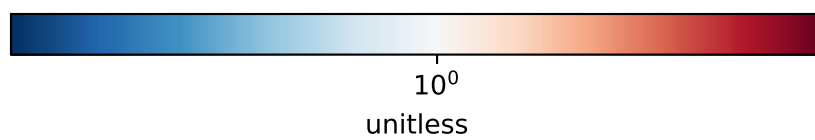
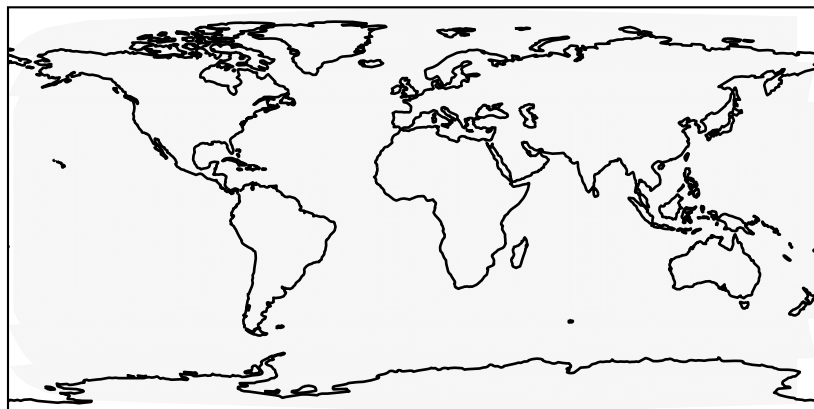
Difference
Dev - Ref, Dynamic Range



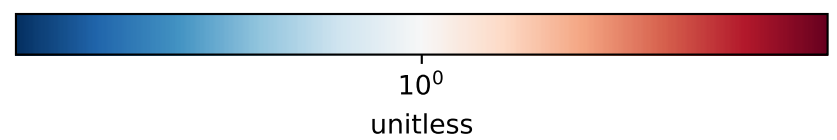
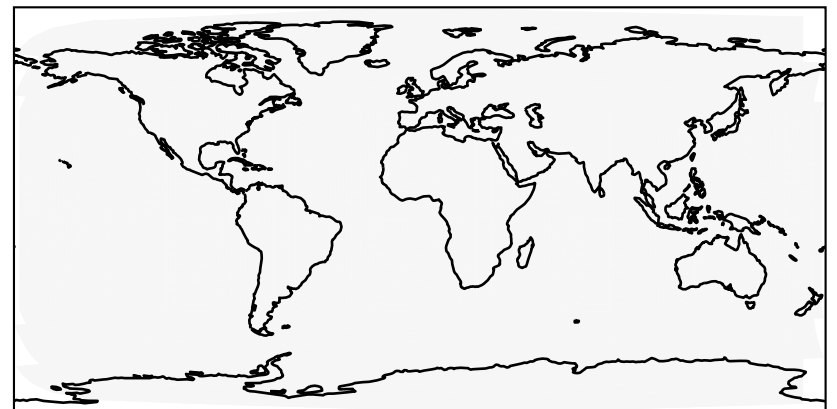
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

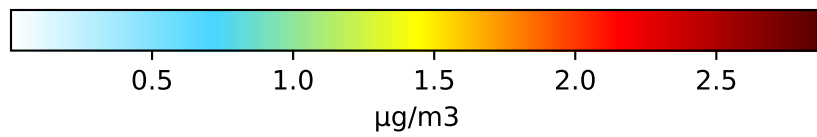
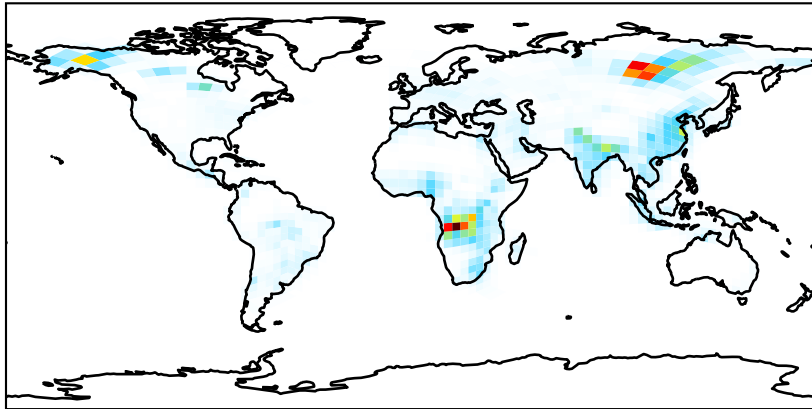


Ratio
Dev/Ref, Fixed Range

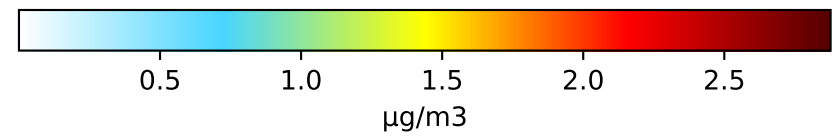
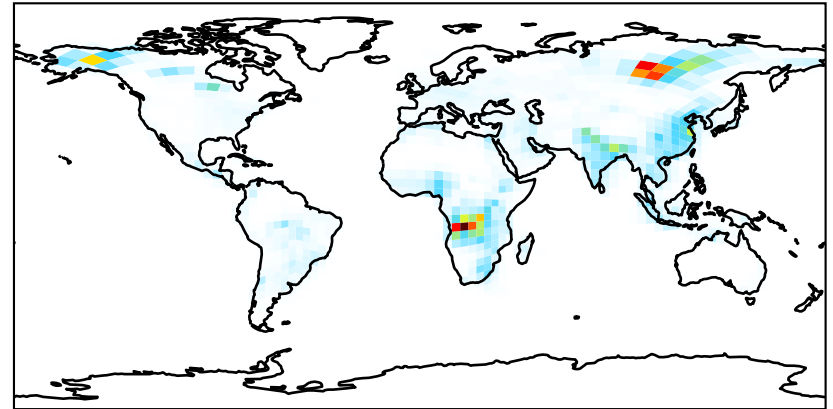


SpeciesConcVW_BCPO

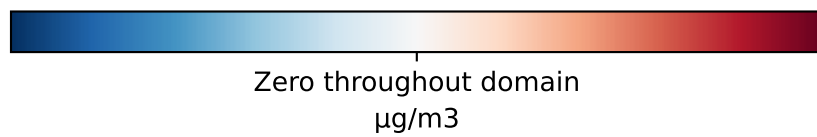
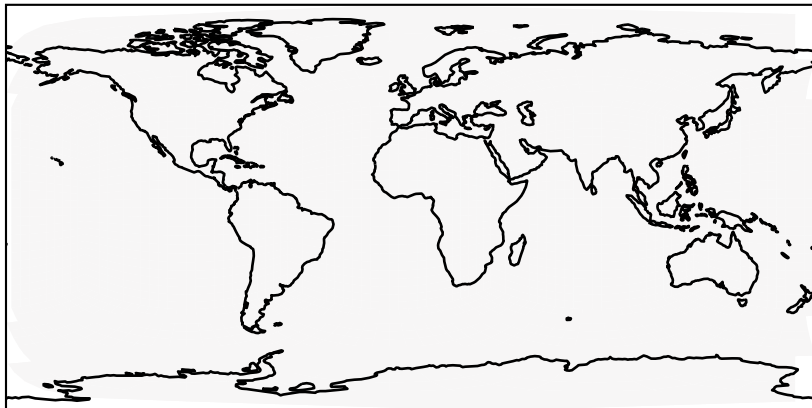
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



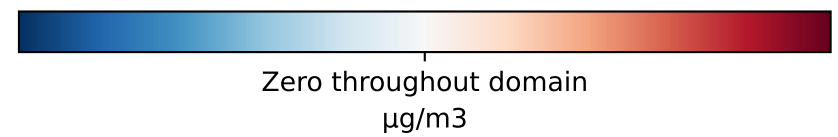
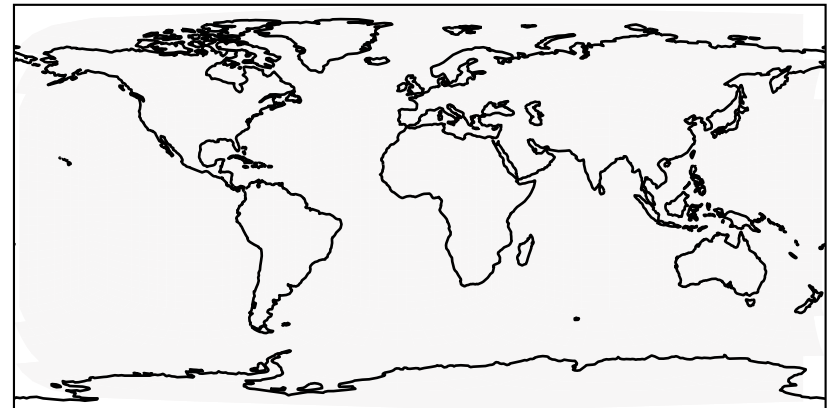
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



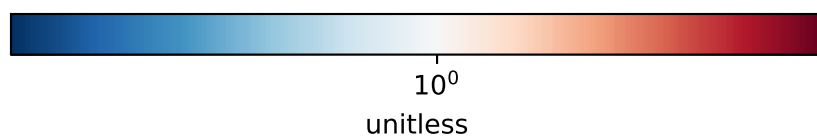
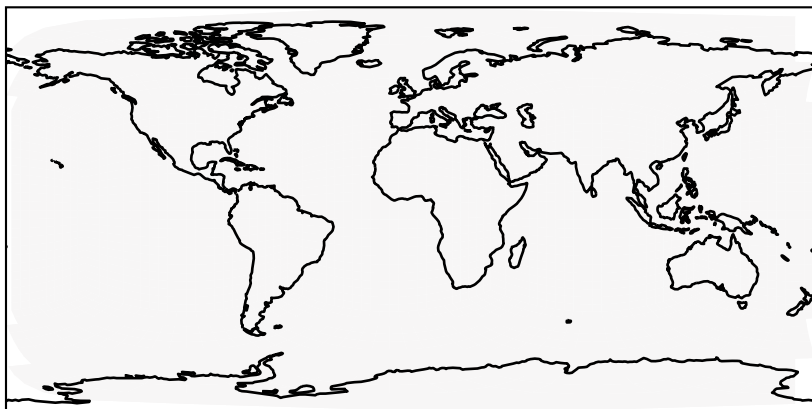
Difference
Dev - Ref, Dynamic Range



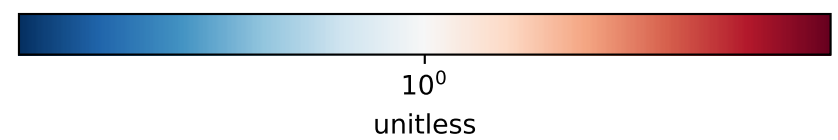
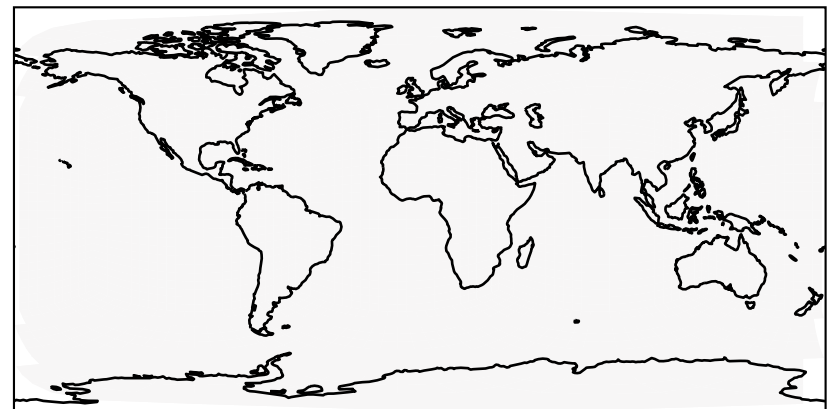
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

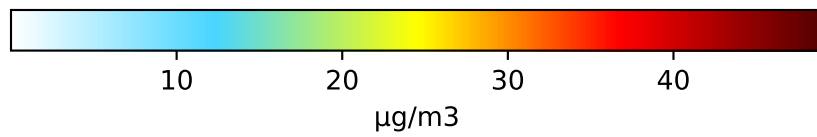
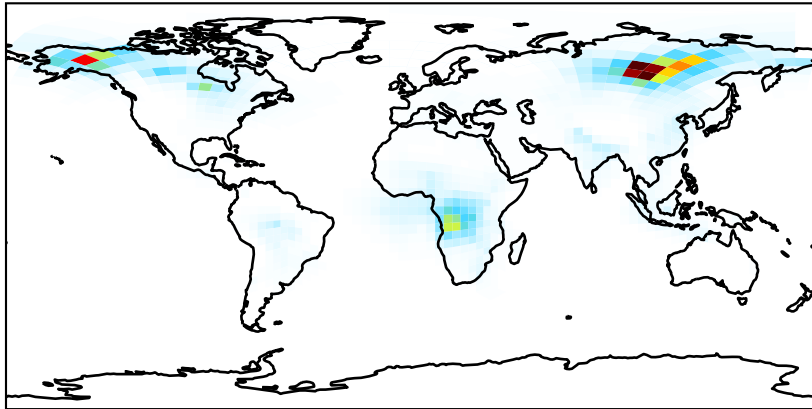


Ratio
Dev/Ref, Fixed Range

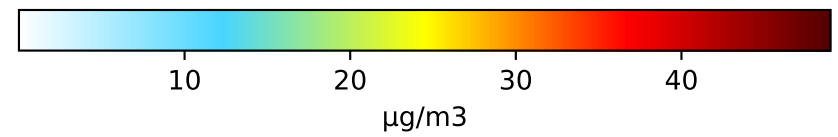
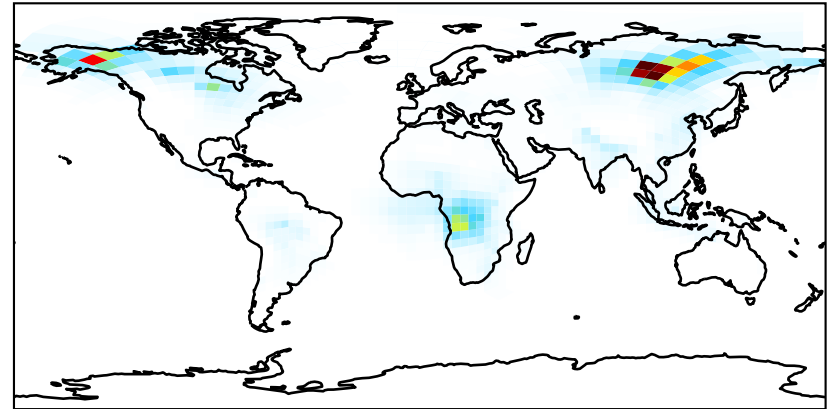


SpeciesConcVV_OCPI

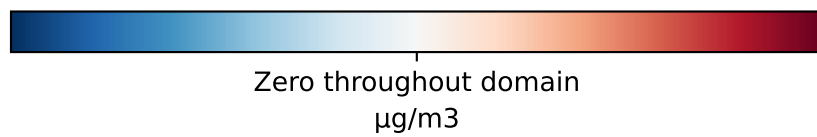
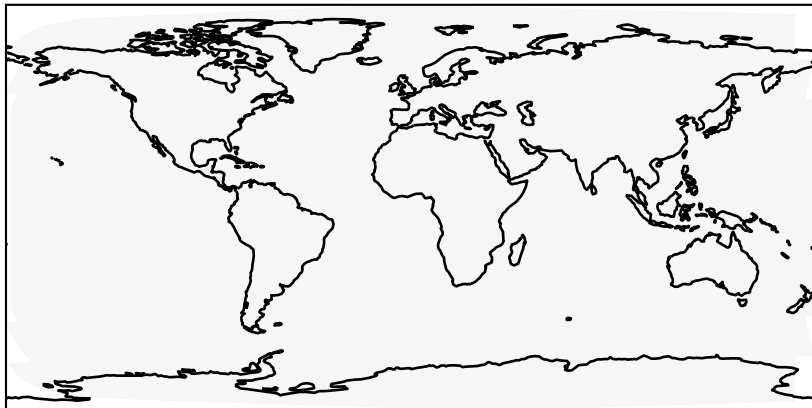
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



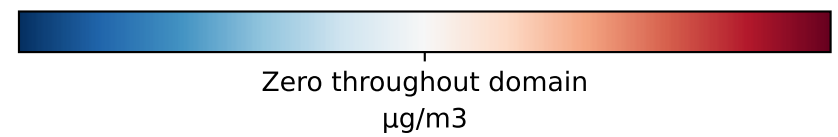
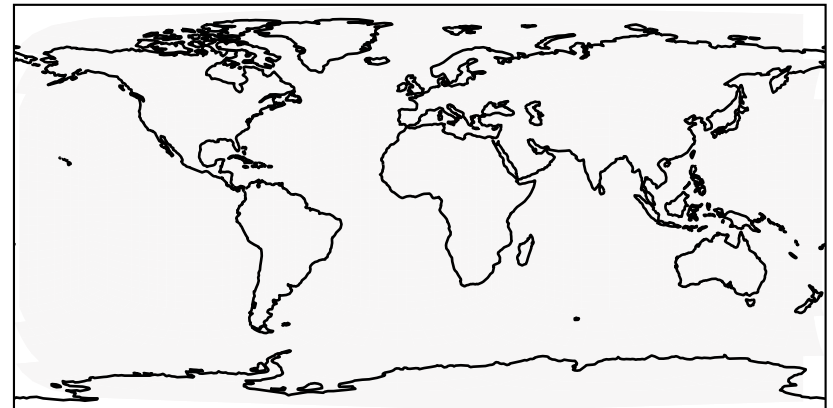
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



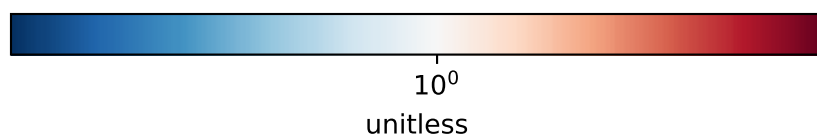
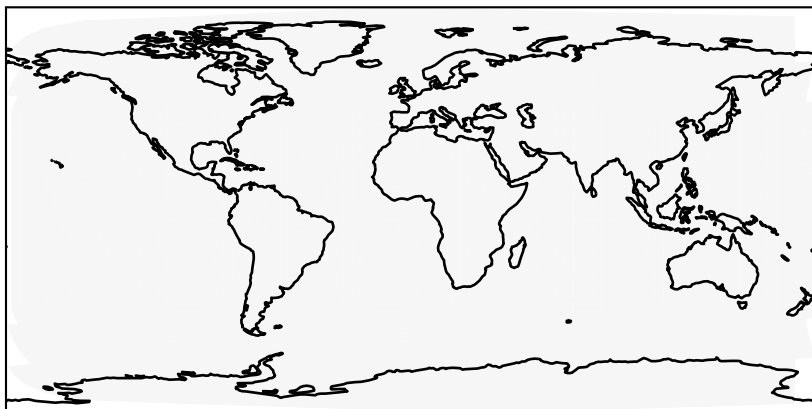
Difference
Dev - Ref, Dynamic Range



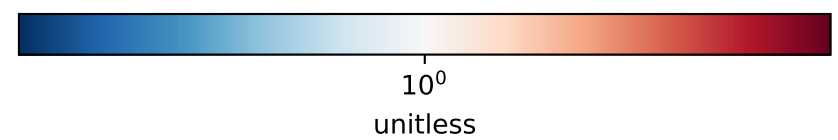
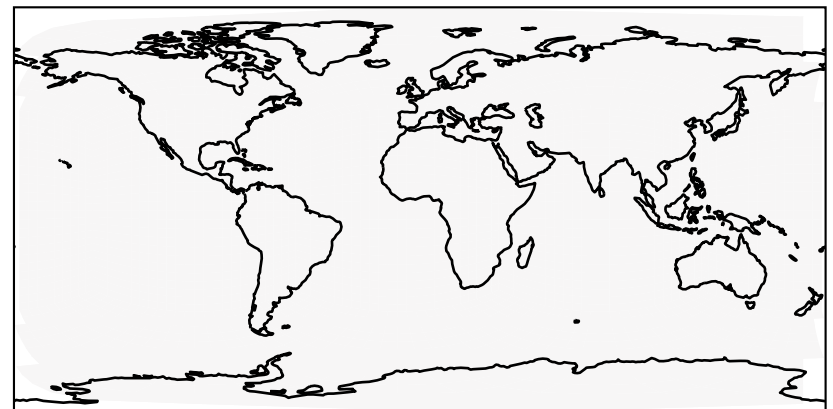
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

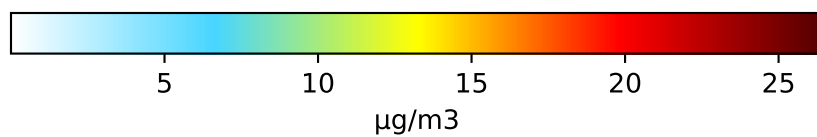
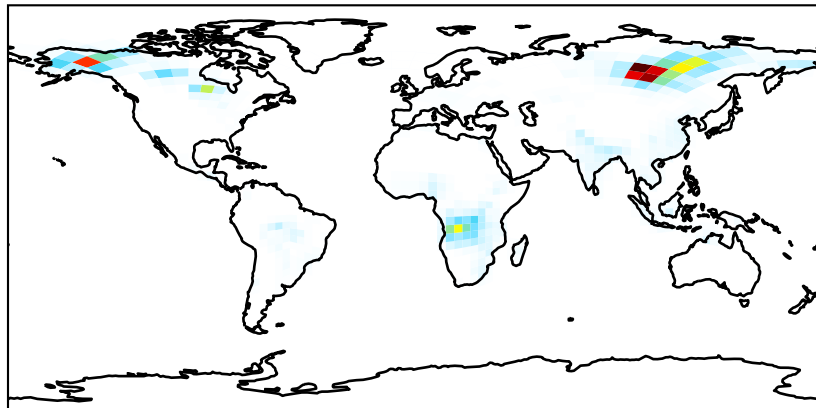


Ratio
Dev/Ref, Fixed Range

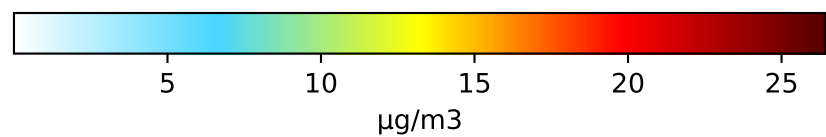
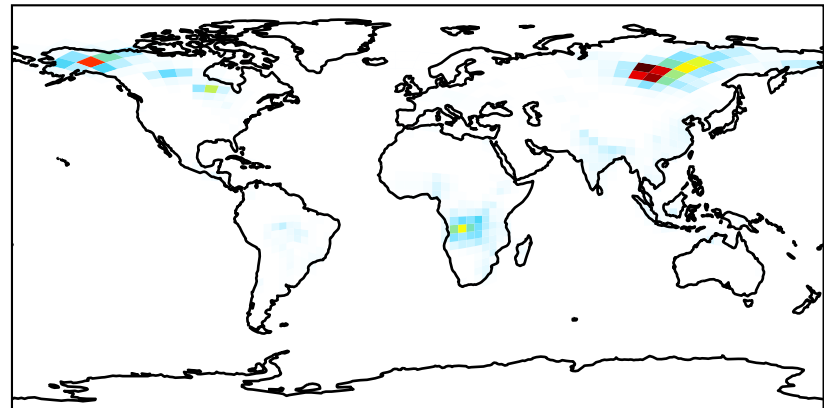


SpeciesConcVV_OCPO

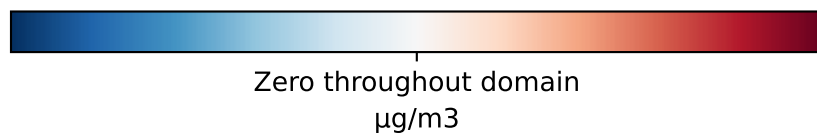
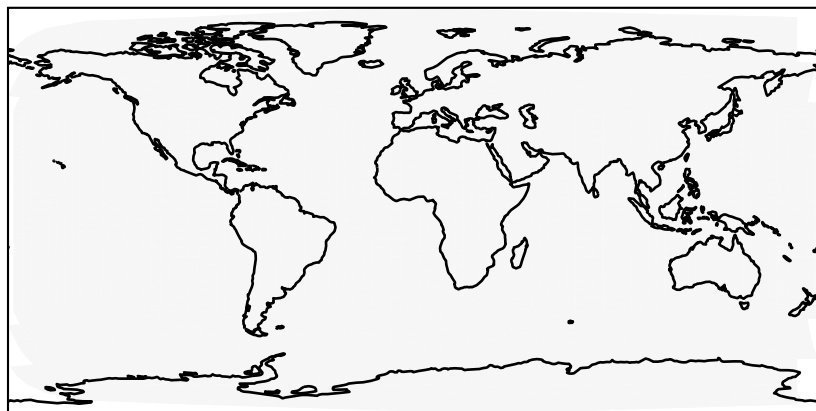
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



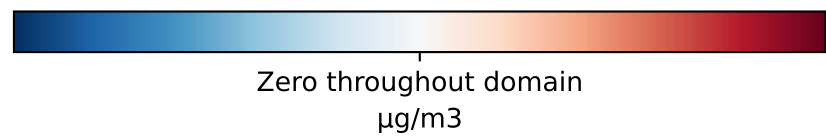
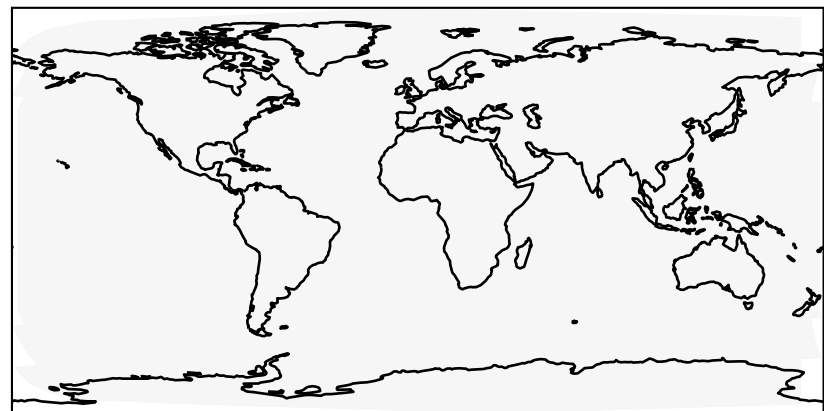
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



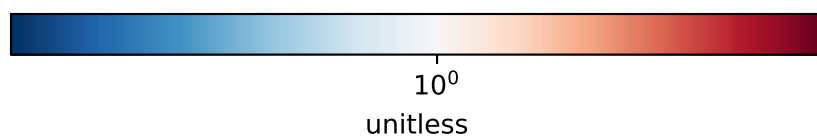
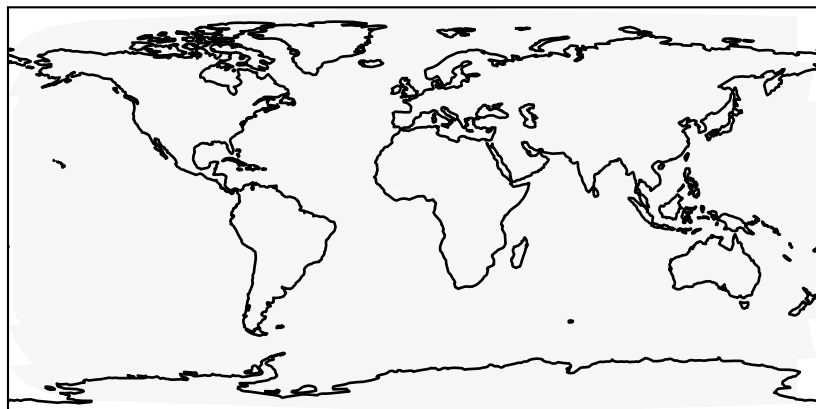
Difference
Dev - Ref, Dynamic Range



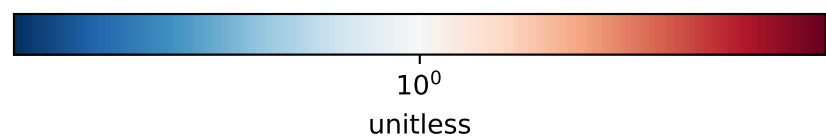
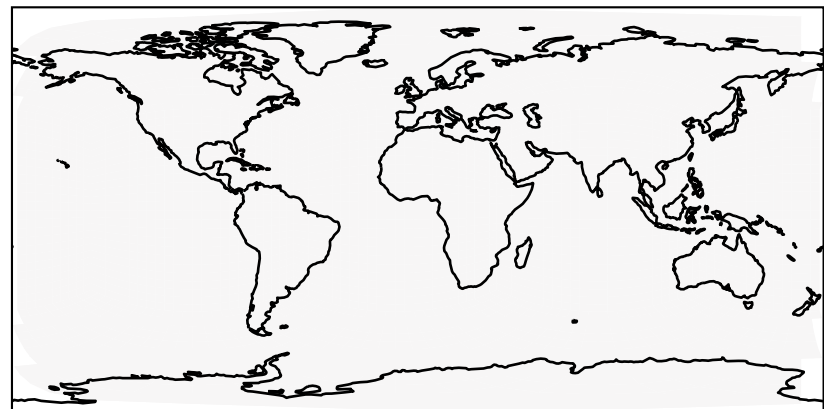
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

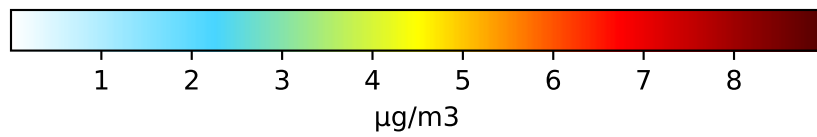
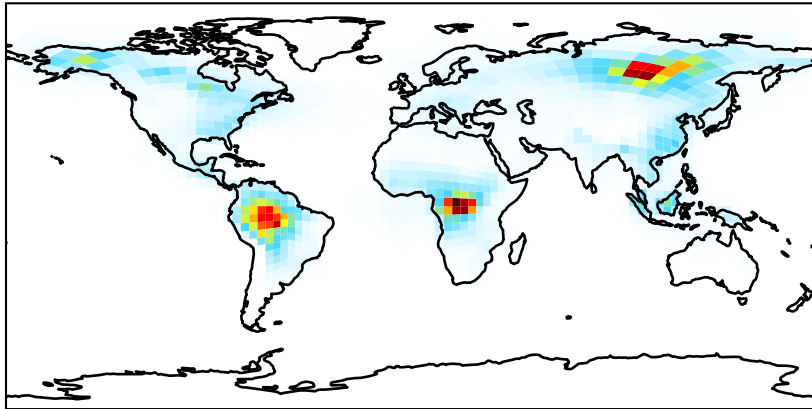


Ratio
Dev/Ref, Fixed Range

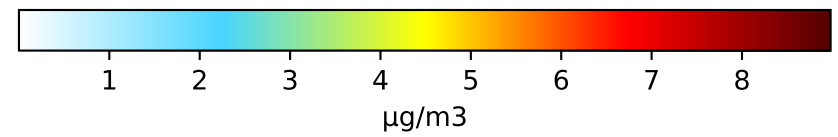
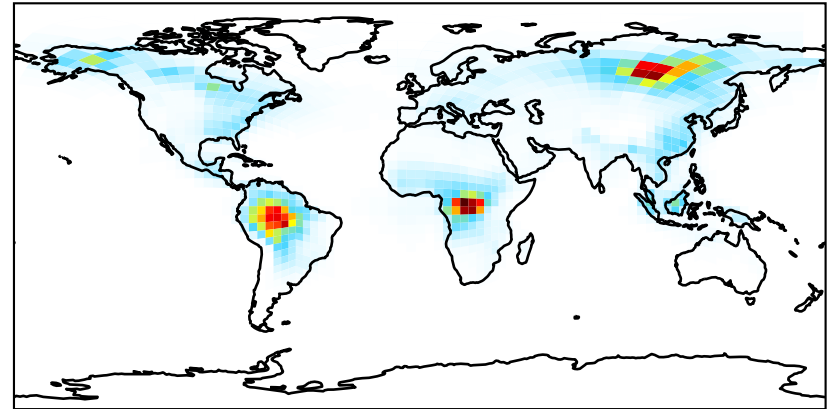


SpeciesConcVV_Complex_SOA

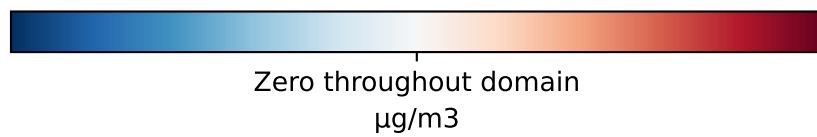
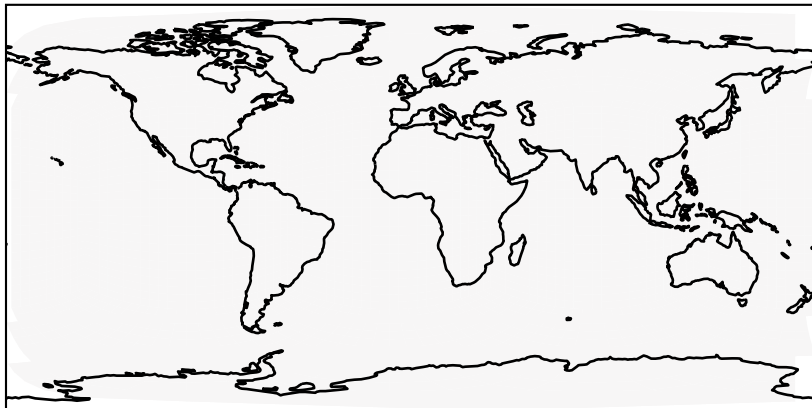
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



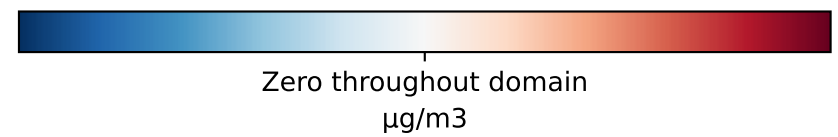
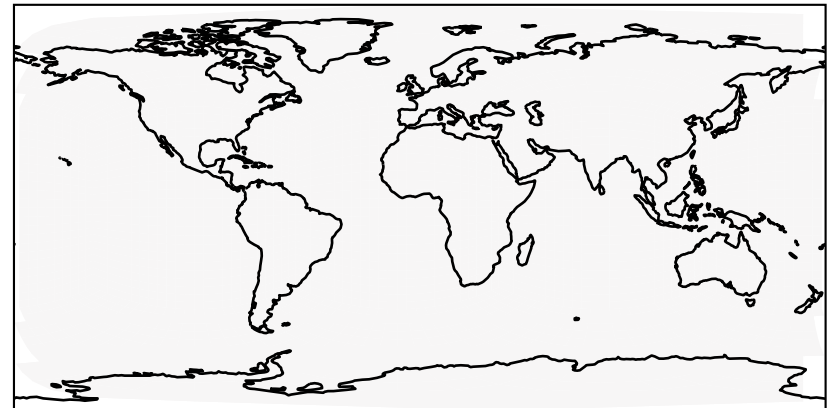
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



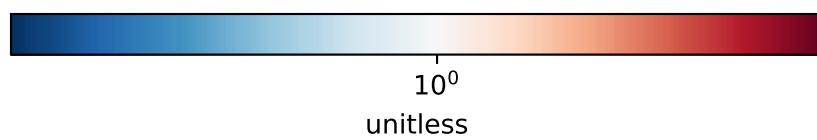
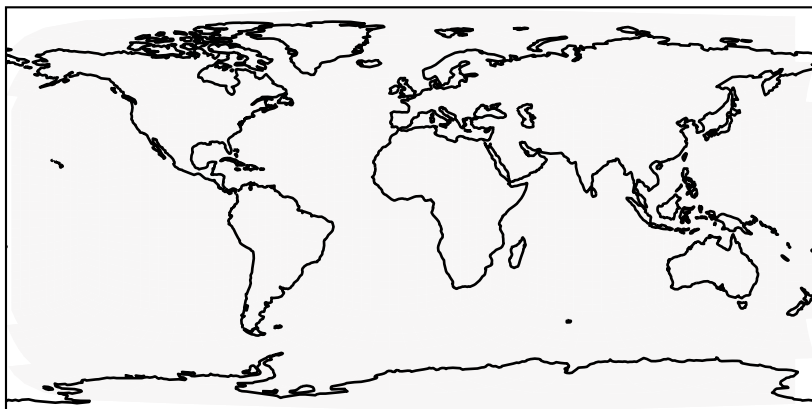
Difference
Dev - Ref, Dynamic Range



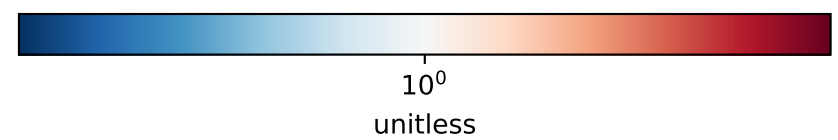
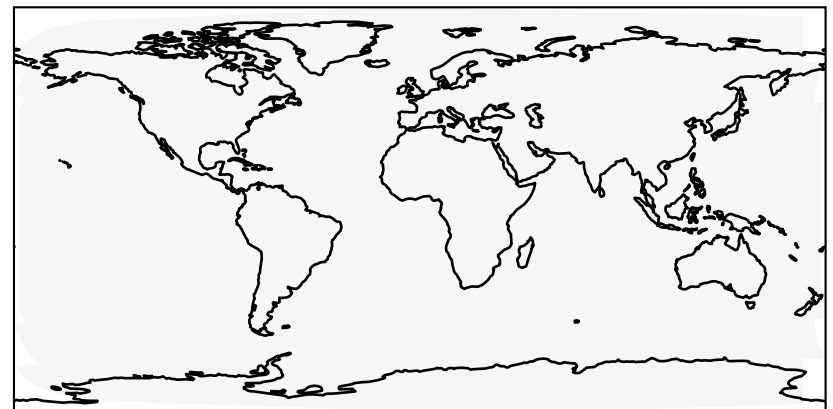
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

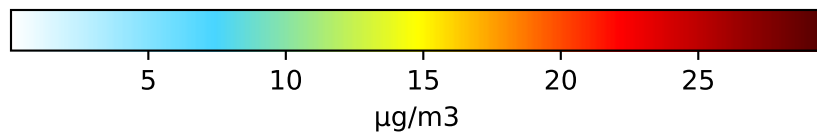
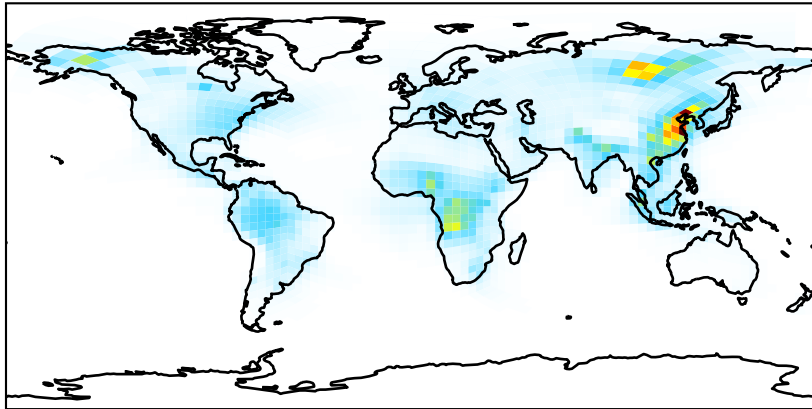


Ratio
Dev/Ref, Fixed Range

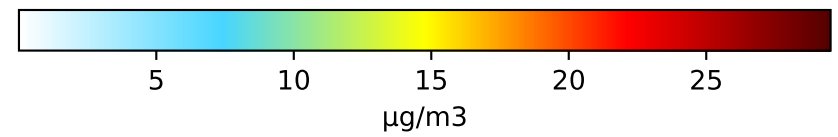
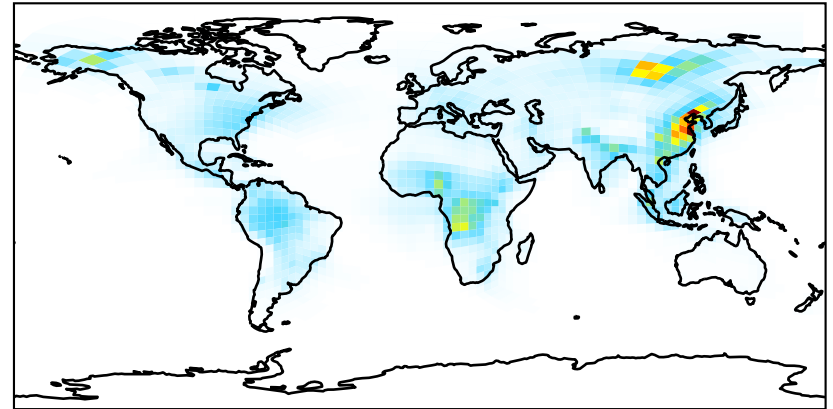


SpeciesConcVV_Simple_SOA

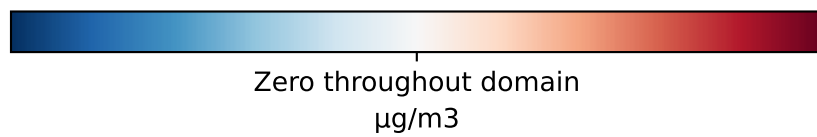
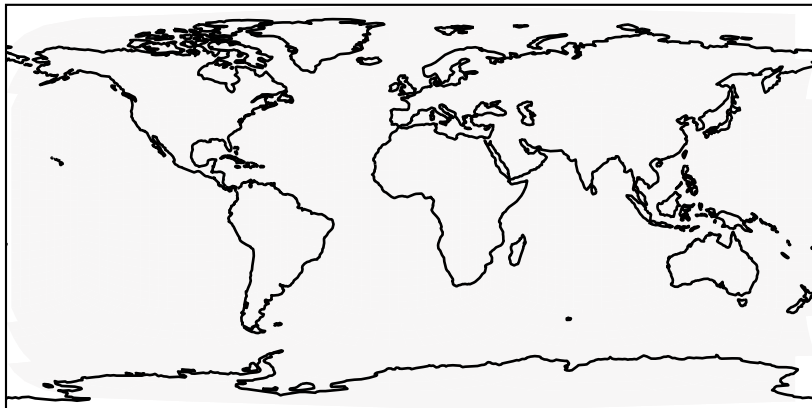
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



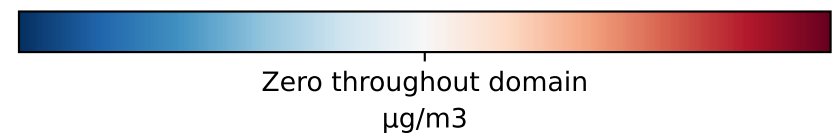
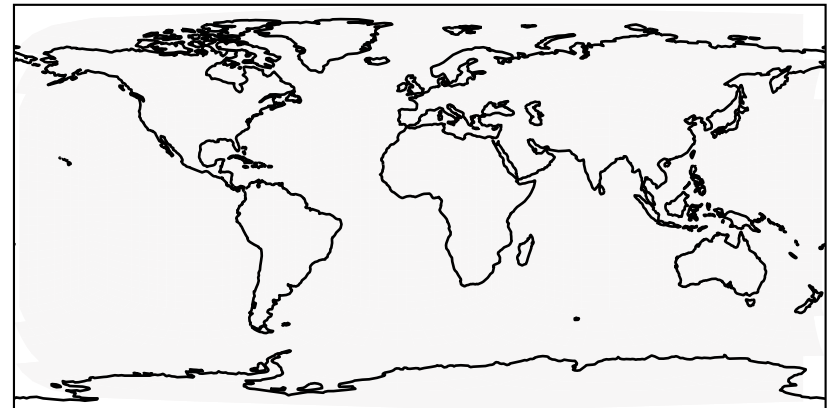
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



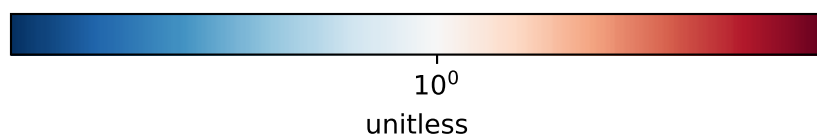
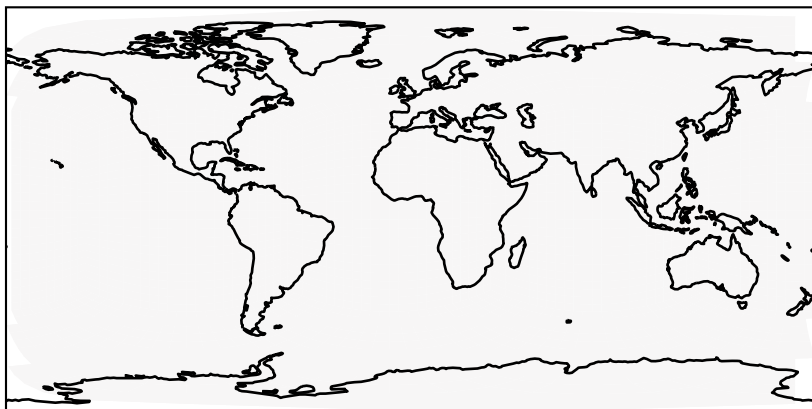
Difference
Dev - Ref, Dynamic Range



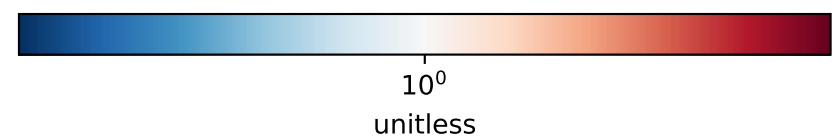
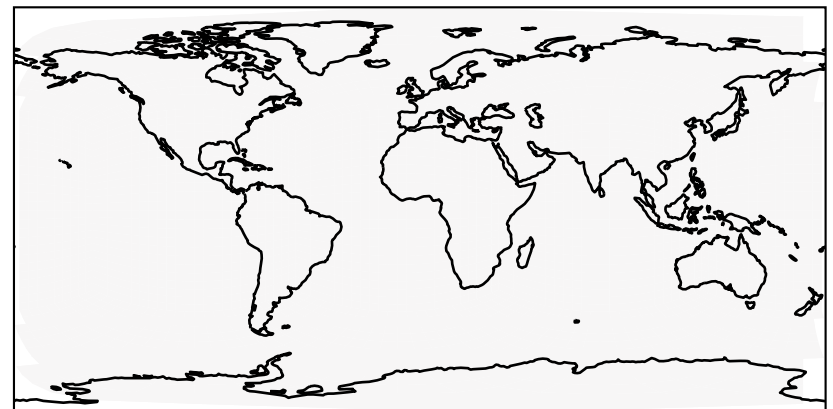
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

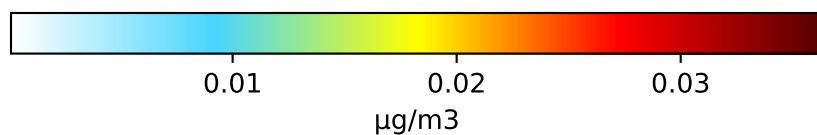
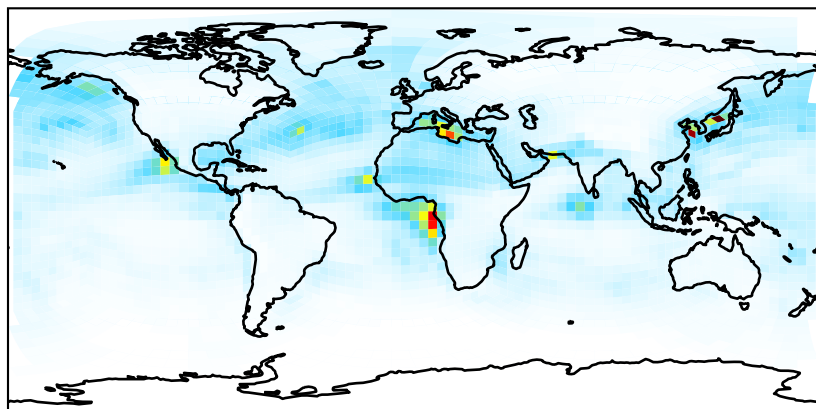


Ratio
Dev/Ref, Fixed Range

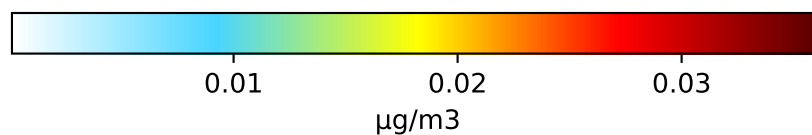
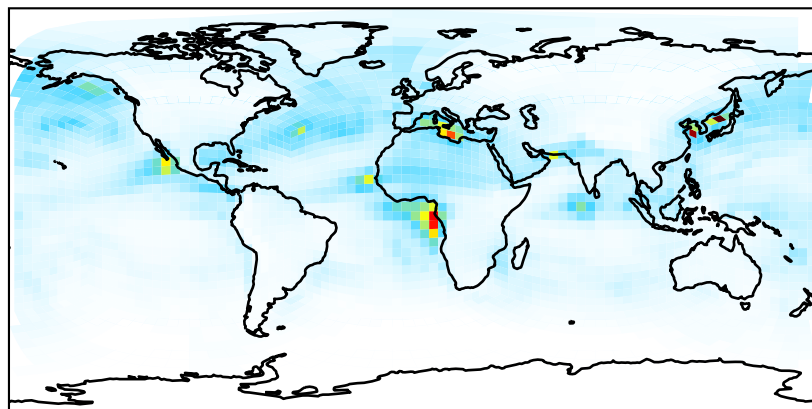


SpeciesConcVV_AERI

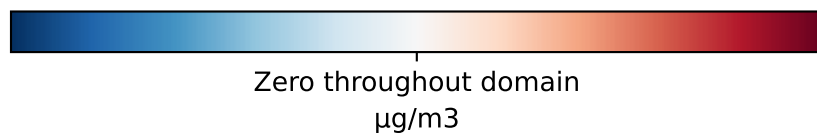
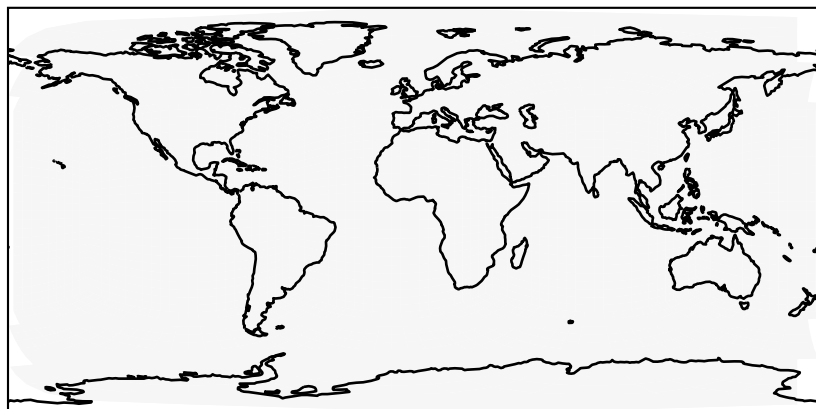
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



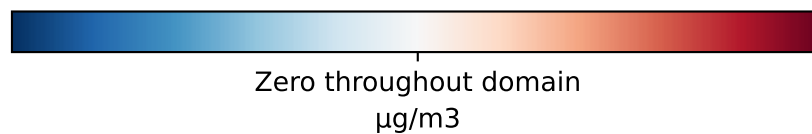
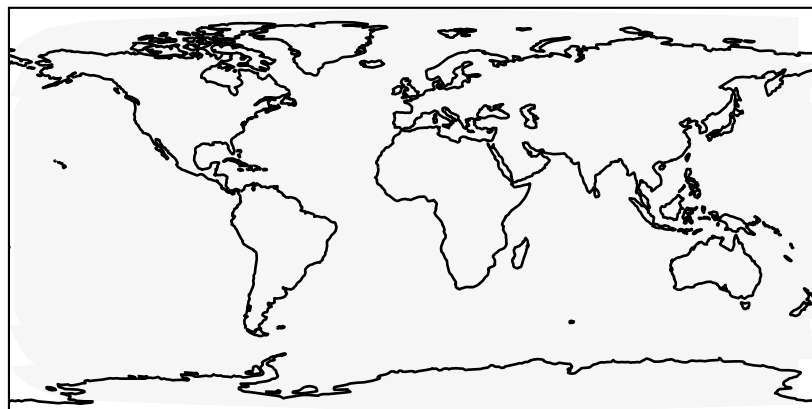
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



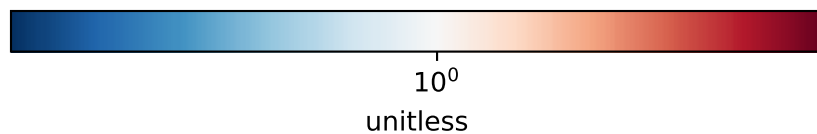
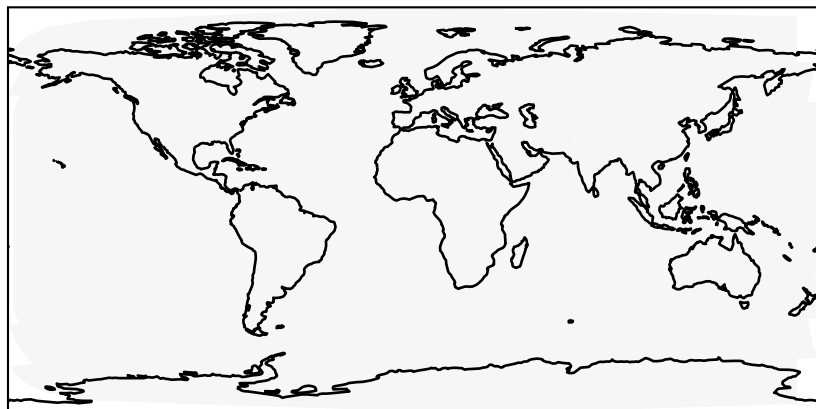
Difference
Dev - Ref, Dynamic Range



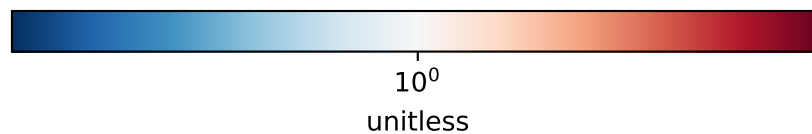
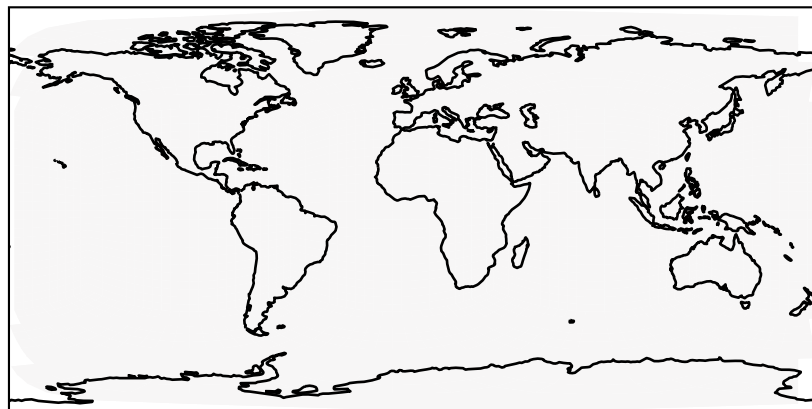
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

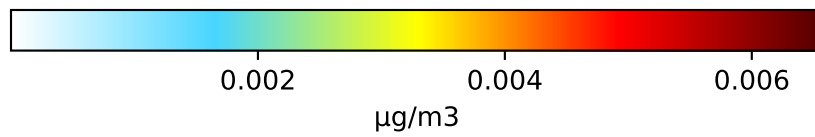
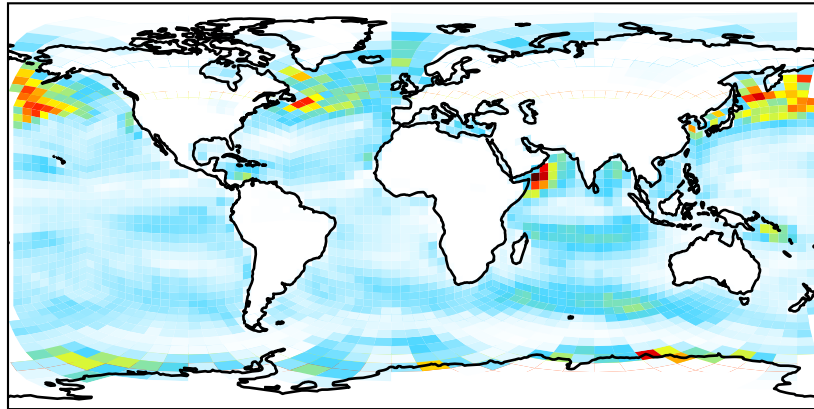


Ratio
Dev/Ref, Fixed Range

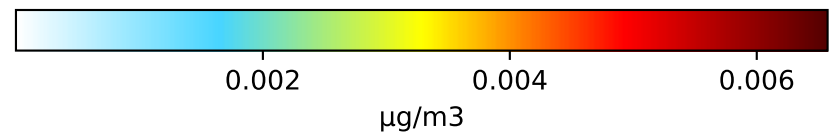
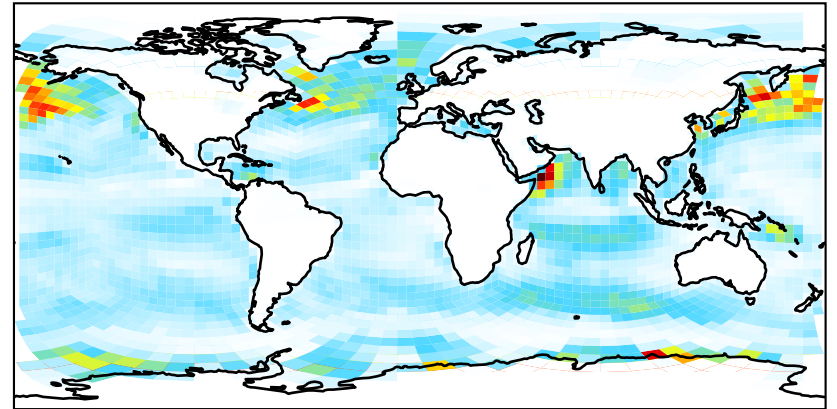


SpeciesConcVW_BrSALA

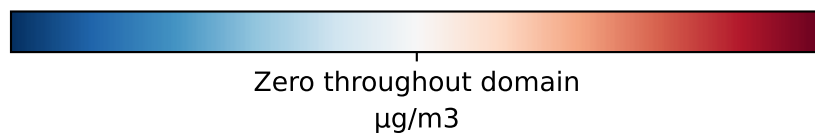
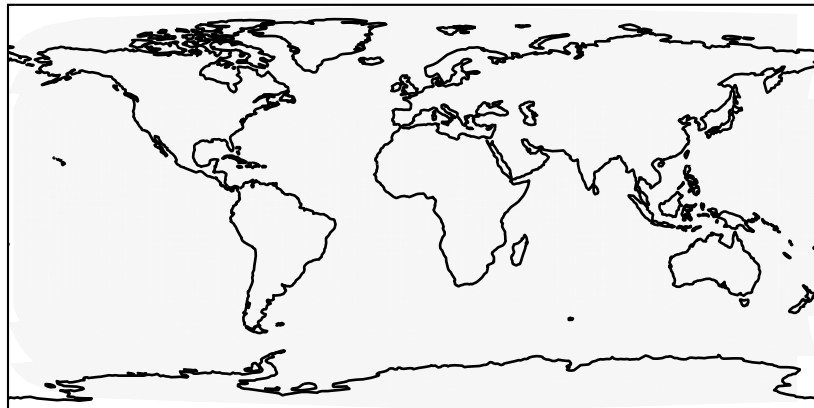
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



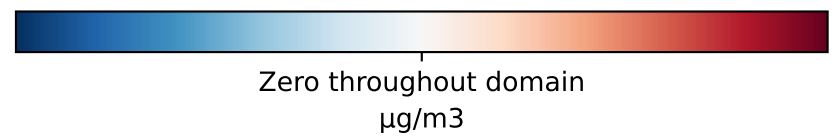
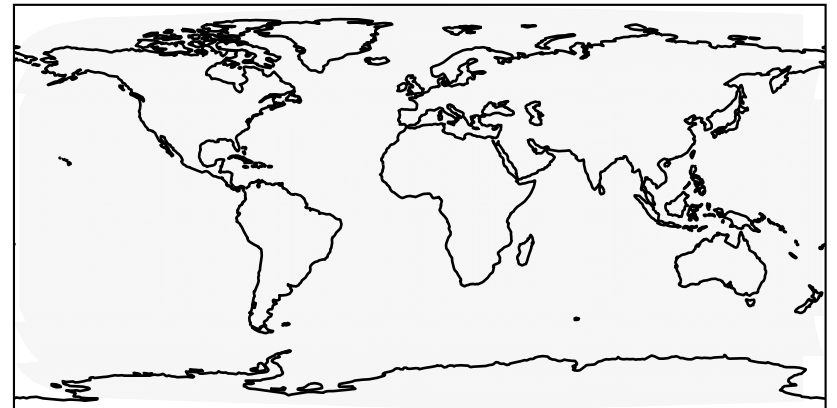
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



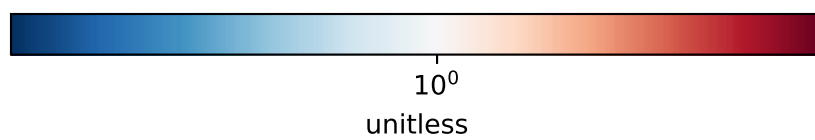
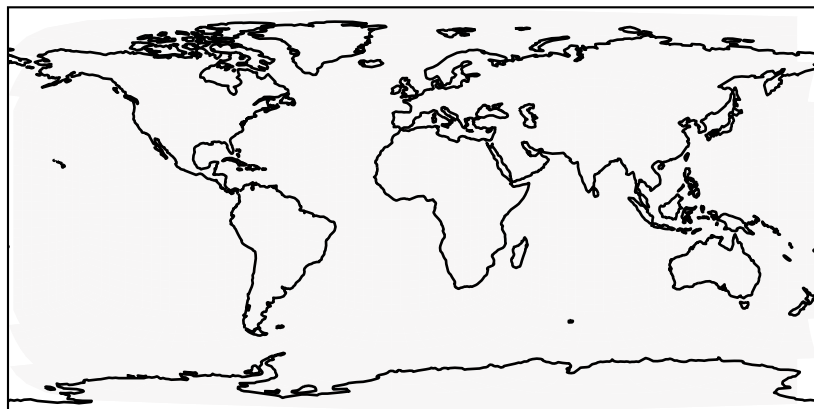
Difference
Dev - Ref, Dynamic Range



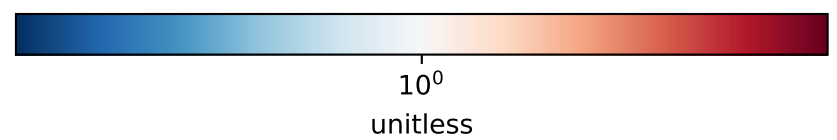
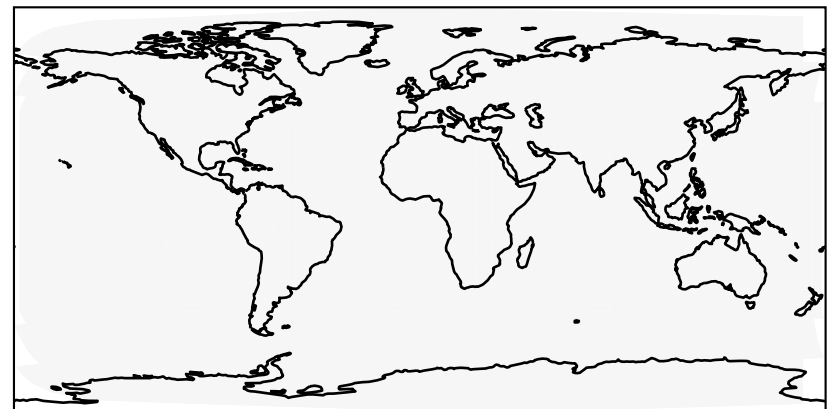
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

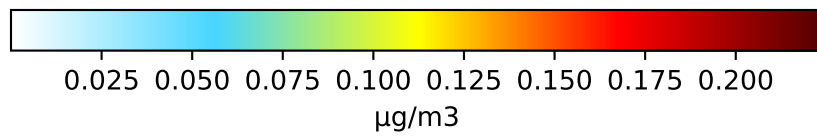
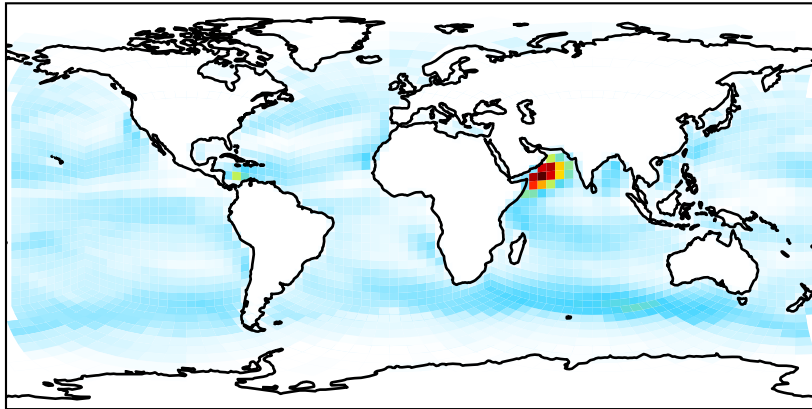


Ratio
Dev/Ref, Fixed Range

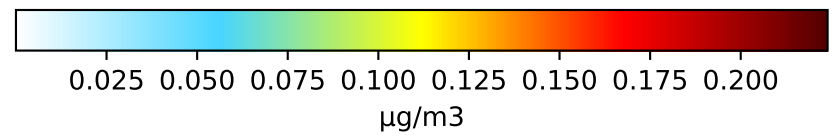
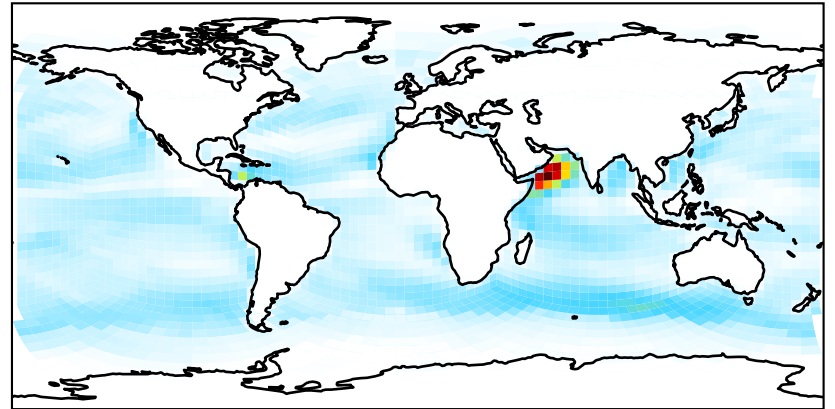


SpeciesConcVW_BrSALC

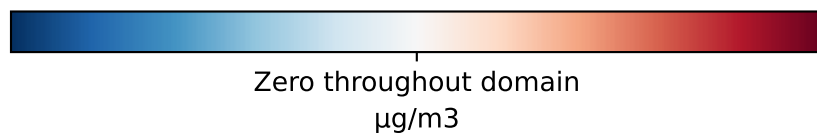
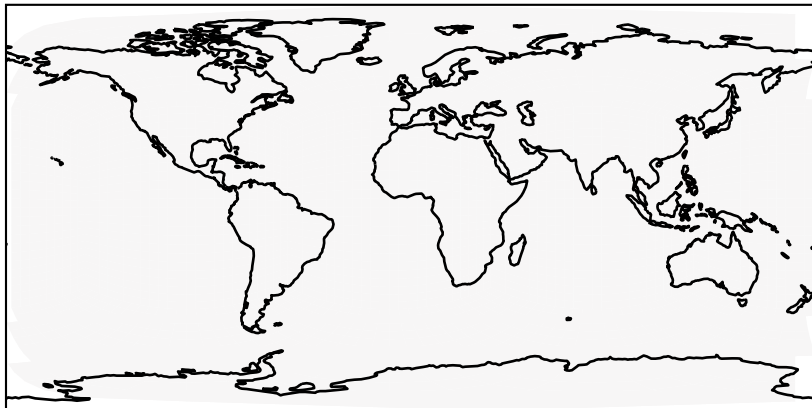
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



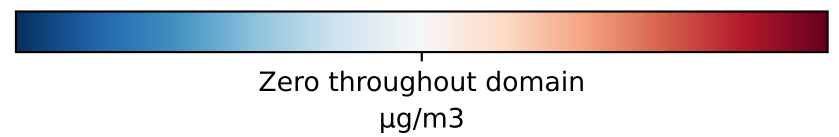
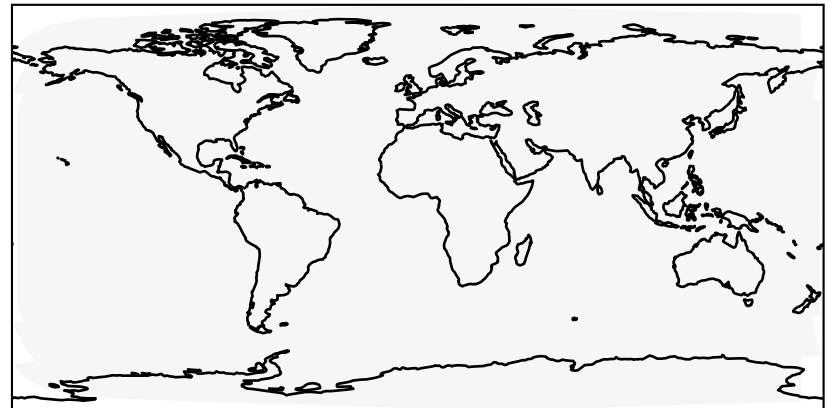
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



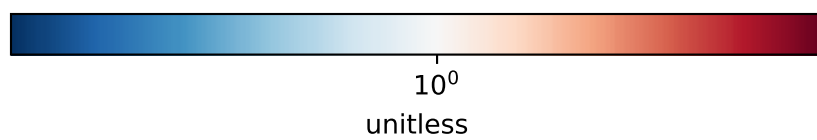
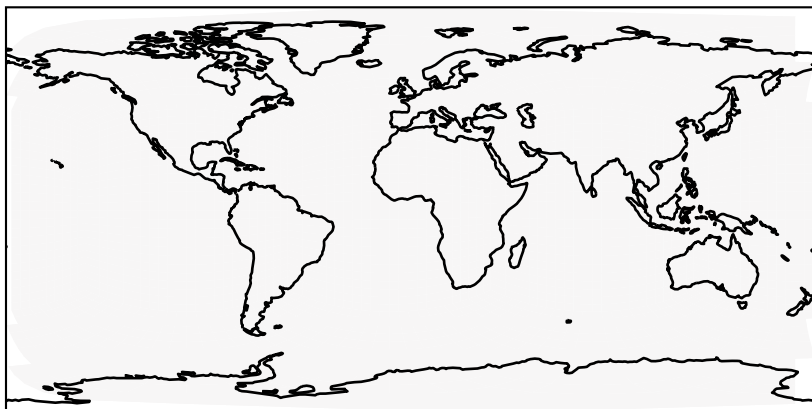
Difference
Dev - Ref, Dynamic Range



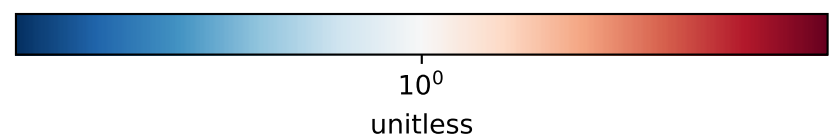
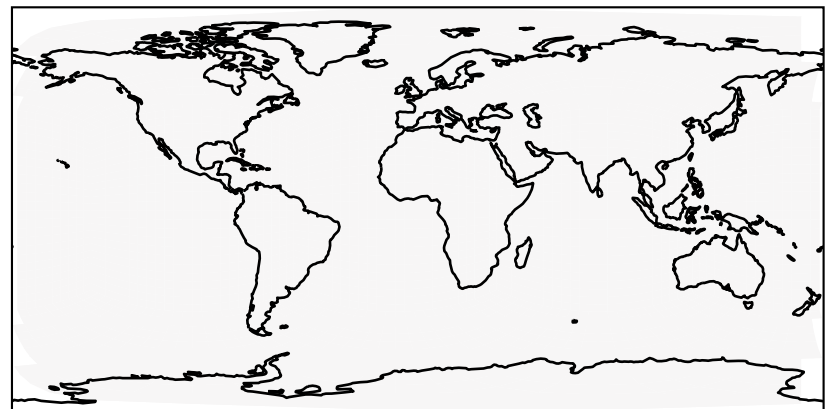
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

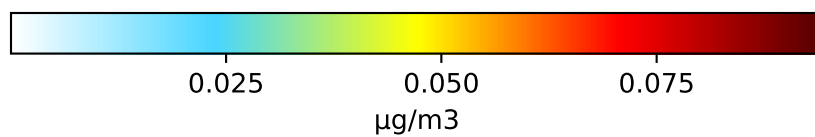
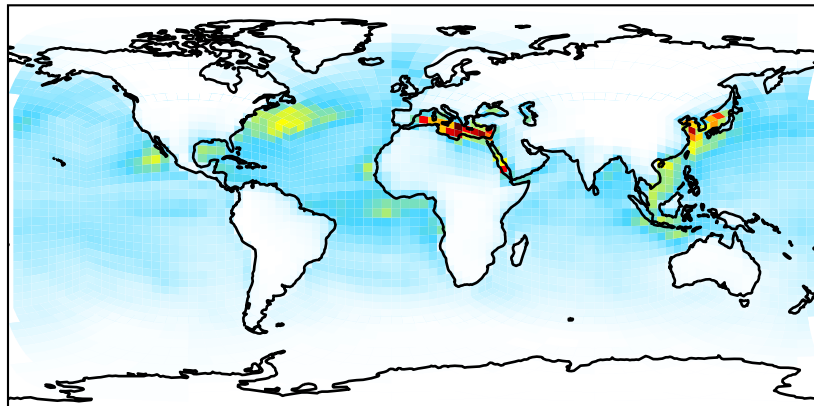


Ratio
Dev/Ref, Fixed Range

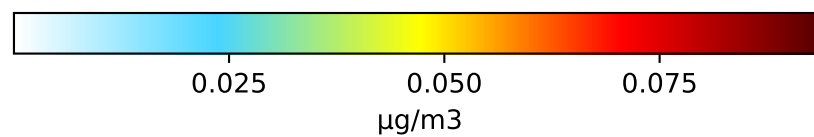
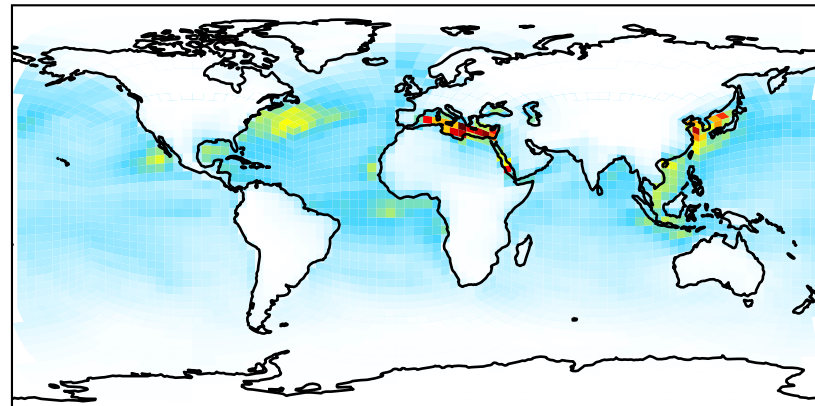


SpeciesConcVV_ISALA

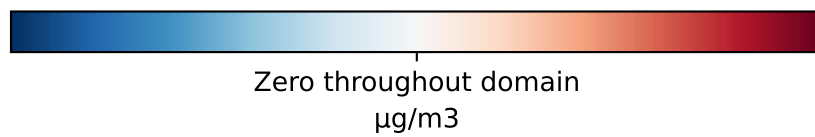
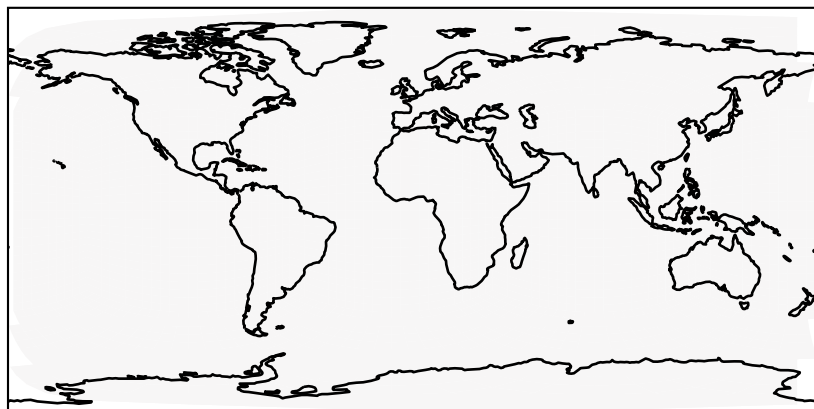
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



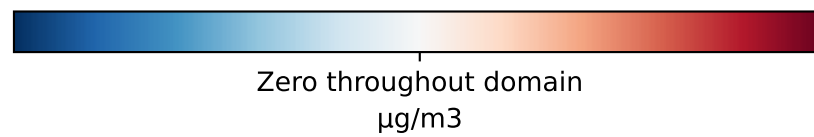
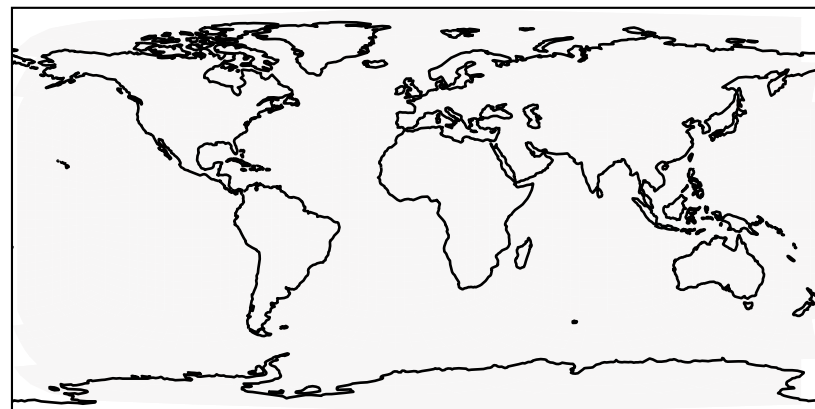
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



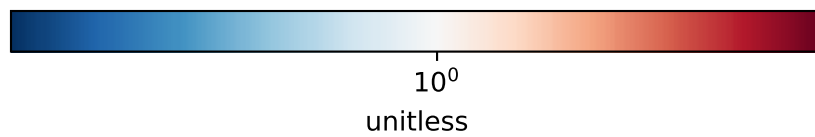
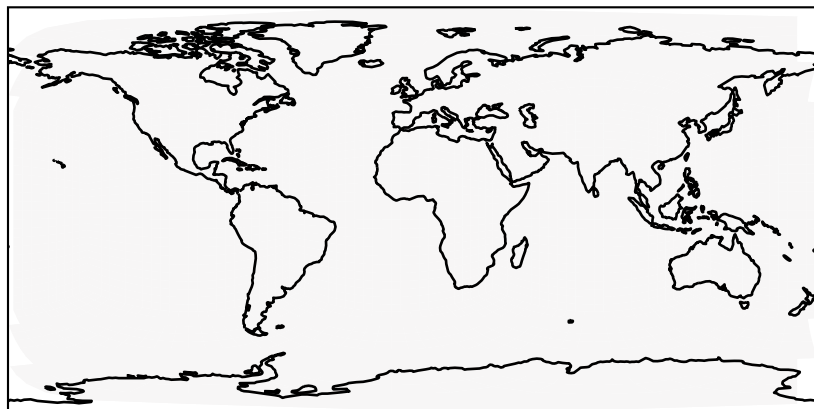
Difference
Dev - Ref, Dynamic Range



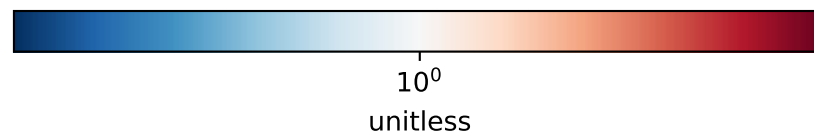
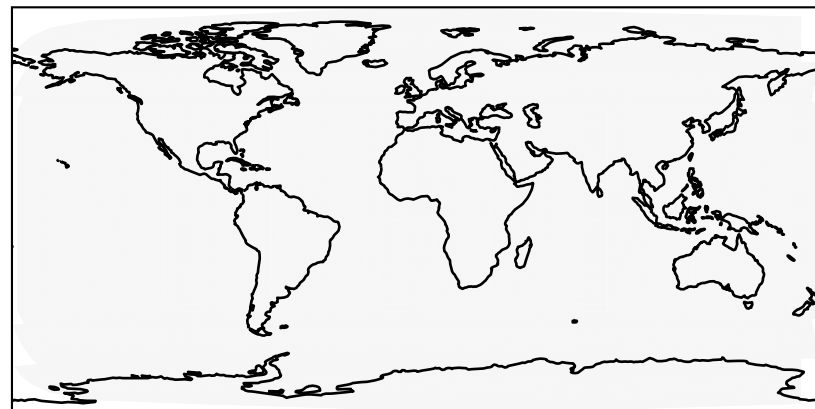
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

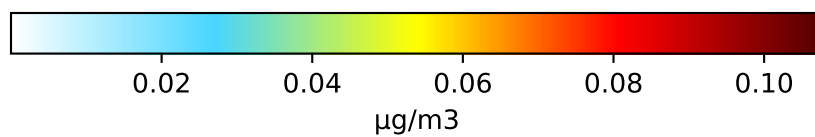
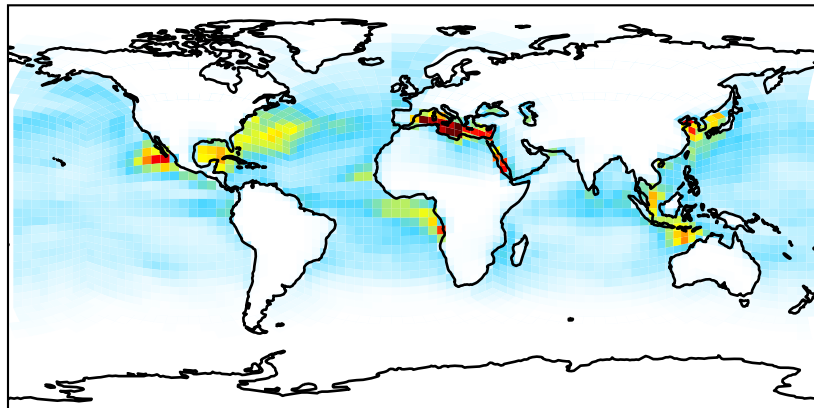


Ratio
Dev/Ref, Fixed Range

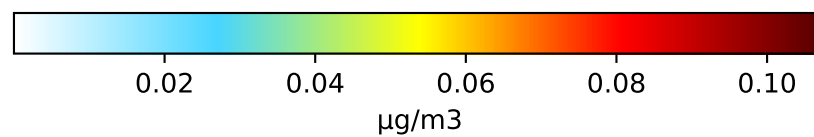
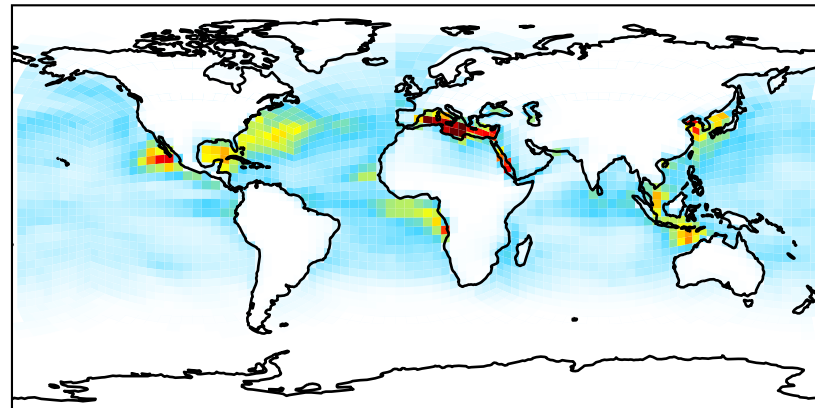


SpeciesConcVV_ISALC

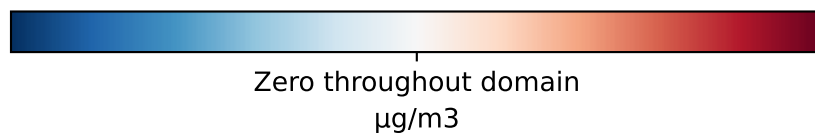
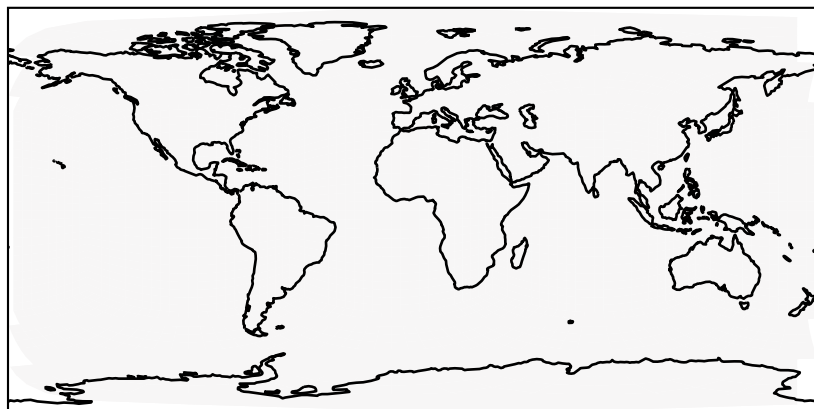
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



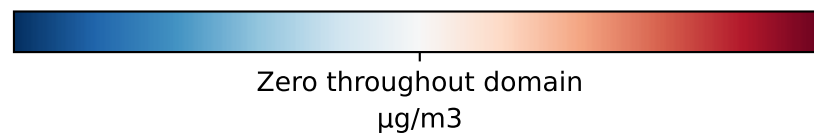
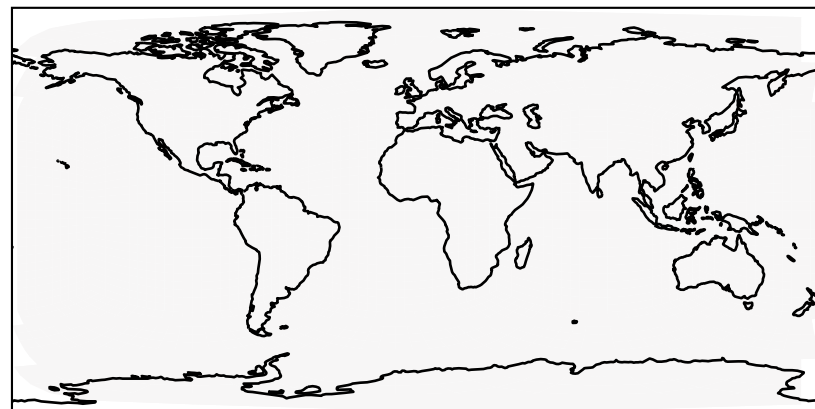
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



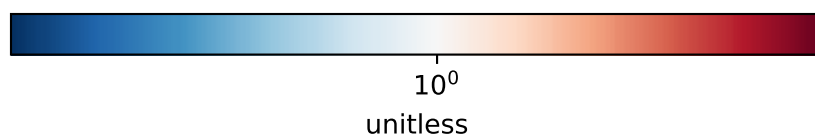
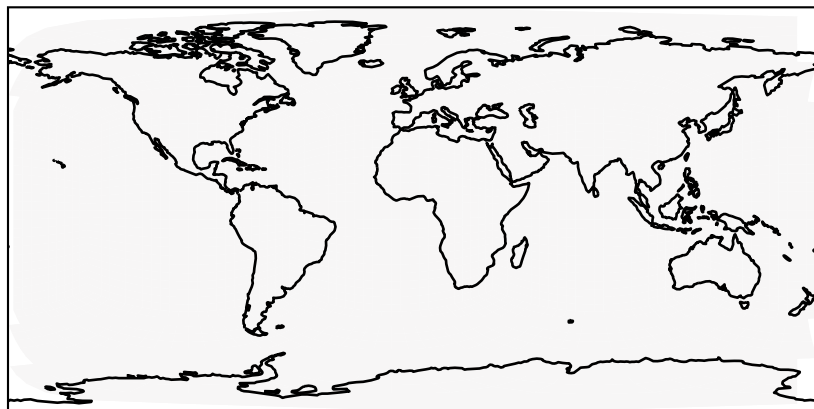
Difference
Dev - Ref, Dynamic Range



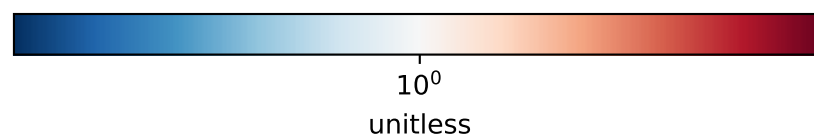
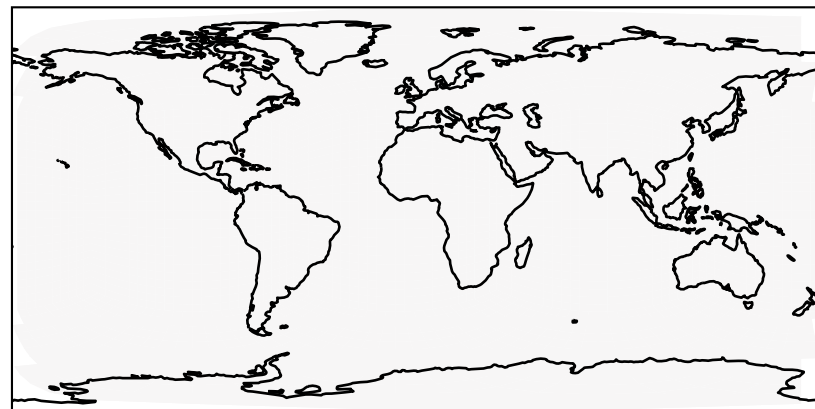
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

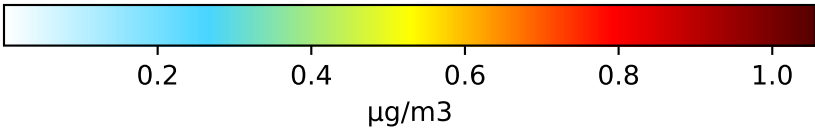
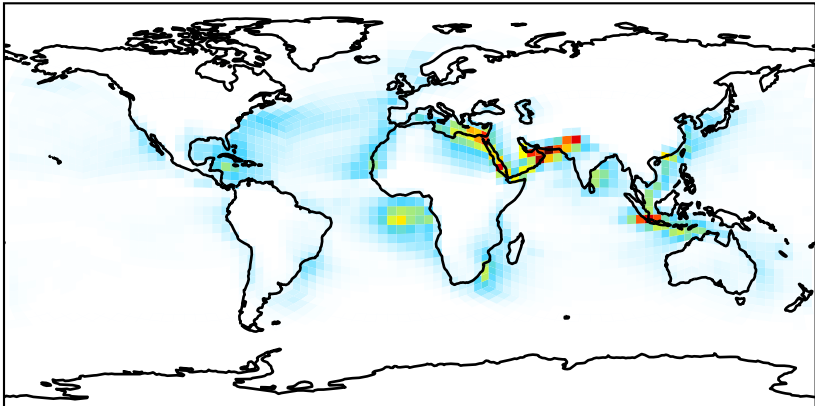


Ratio
Dev/Ref, Fixed Range

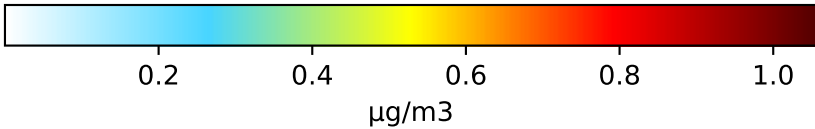
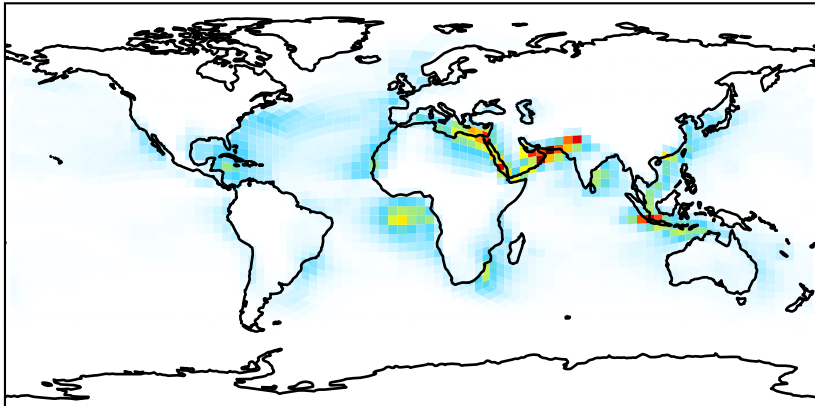


SpeciesConcVV_NITs

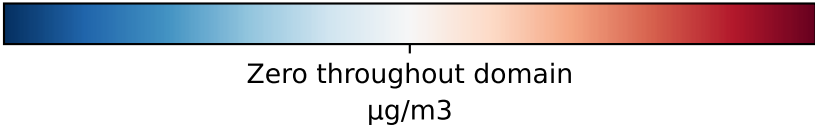
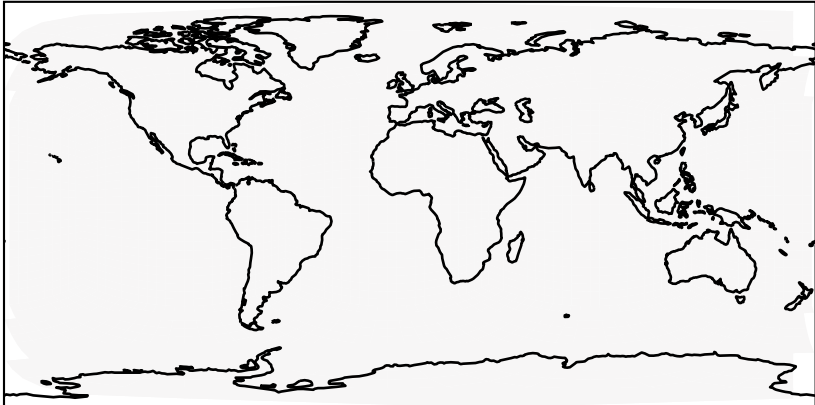
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



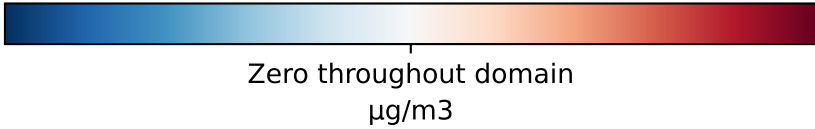
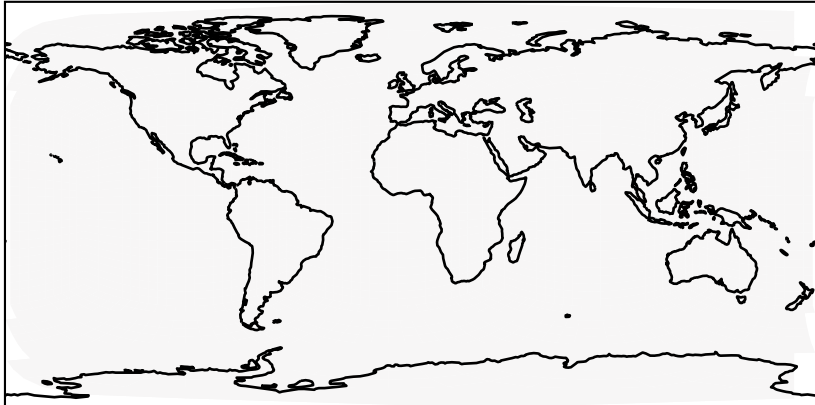
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



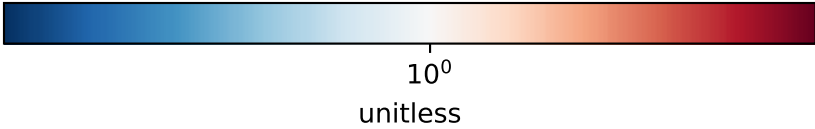
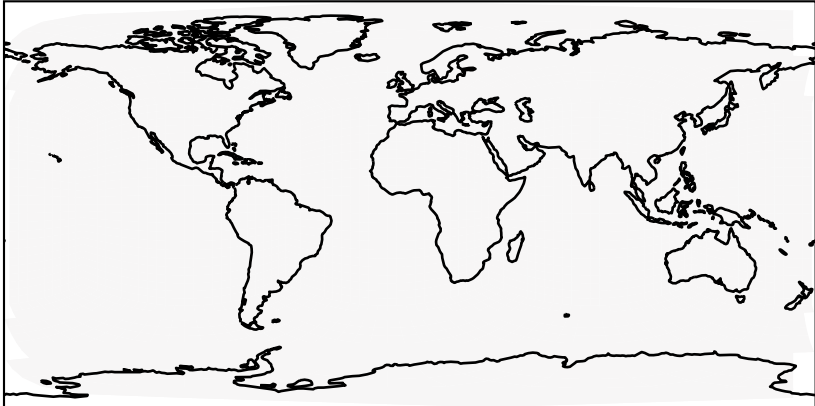
Difference
Dev - Ref, Dynamic Range



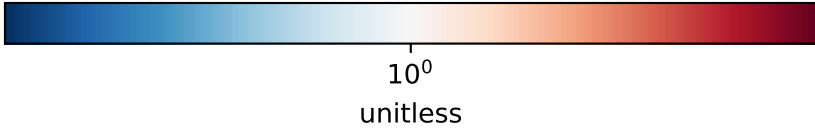
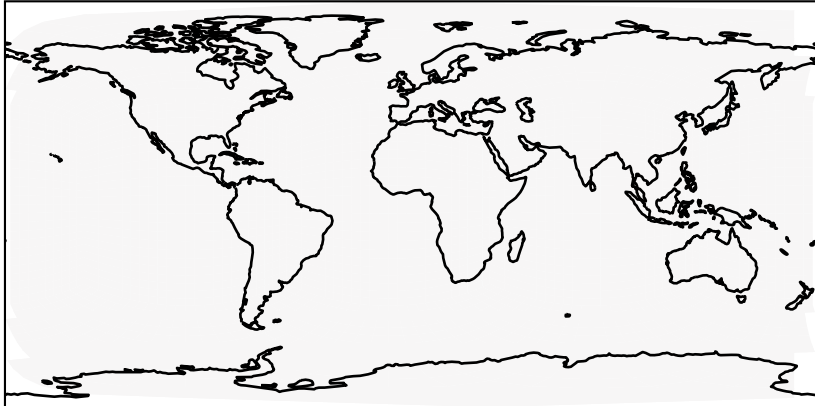
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

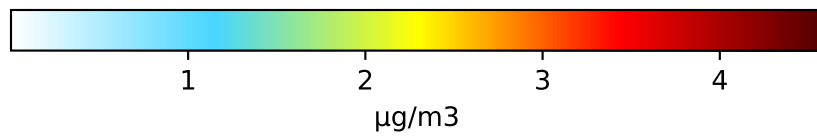
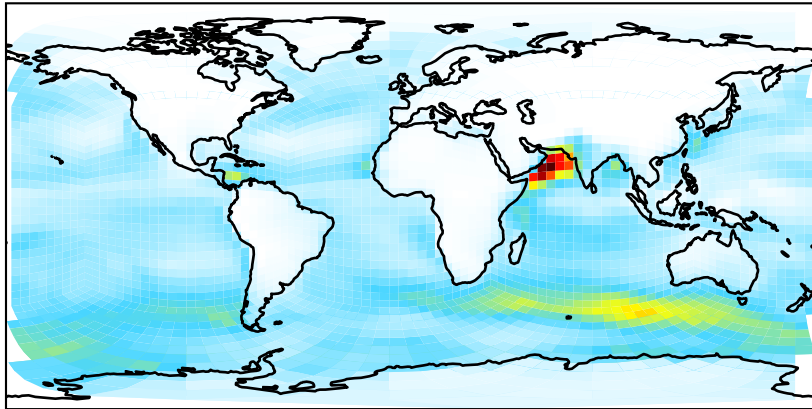


Ratio
Dev/Ref, Fixed Range

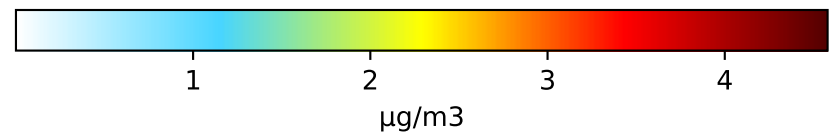
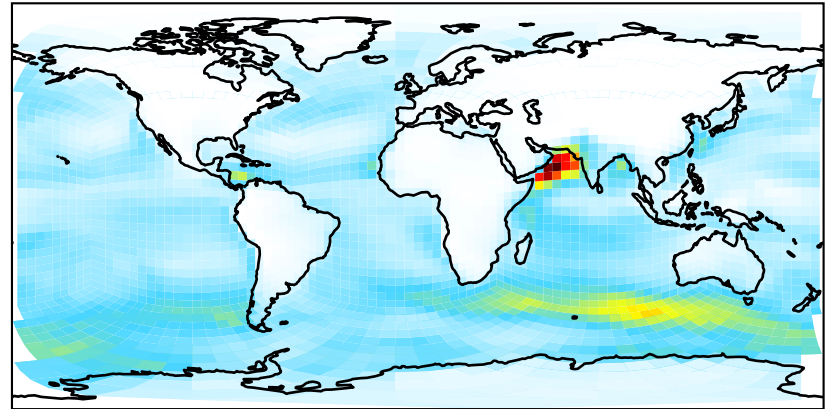


SpeciesConcVV_SALA

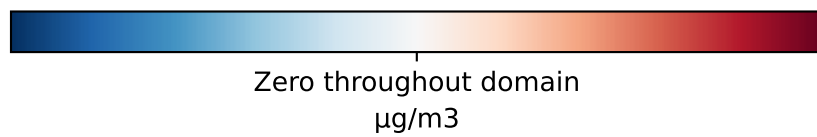
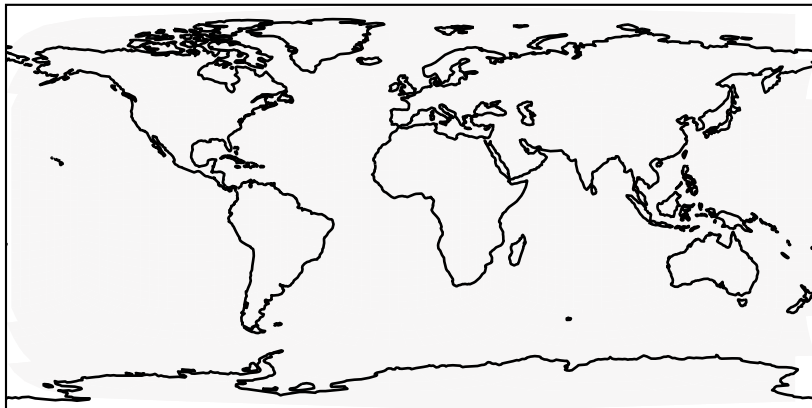
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



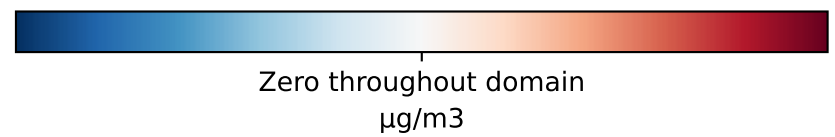
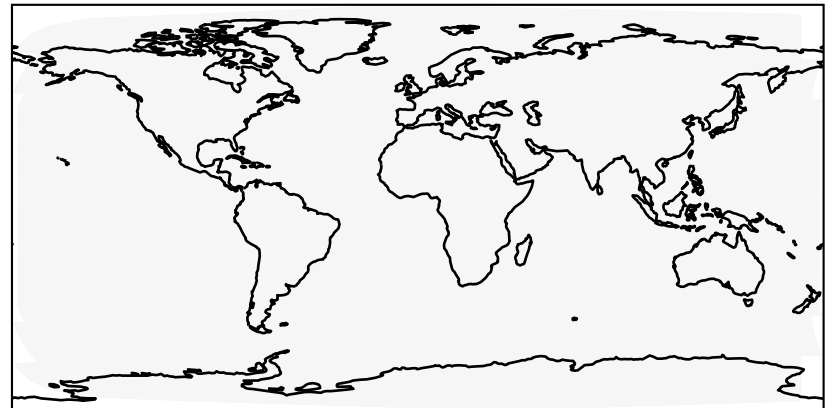
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



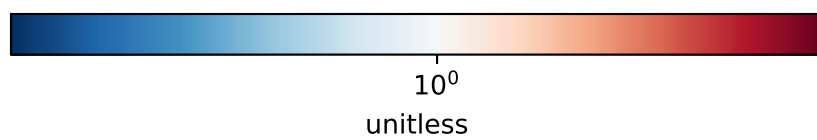
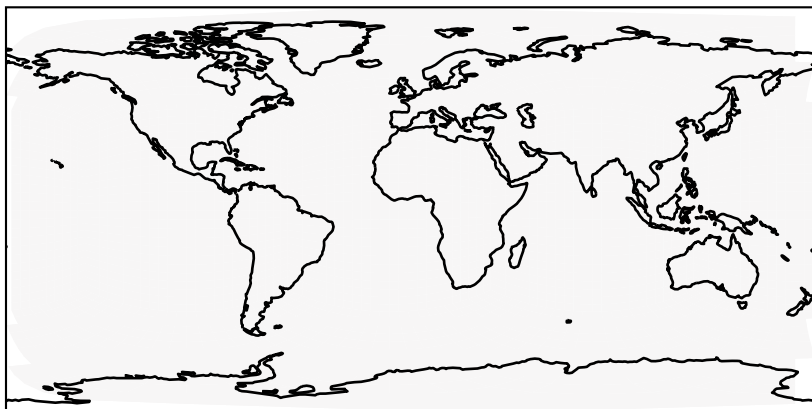
Difference
Dev - Ref, Dynamic Range



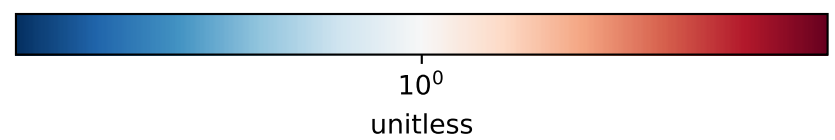
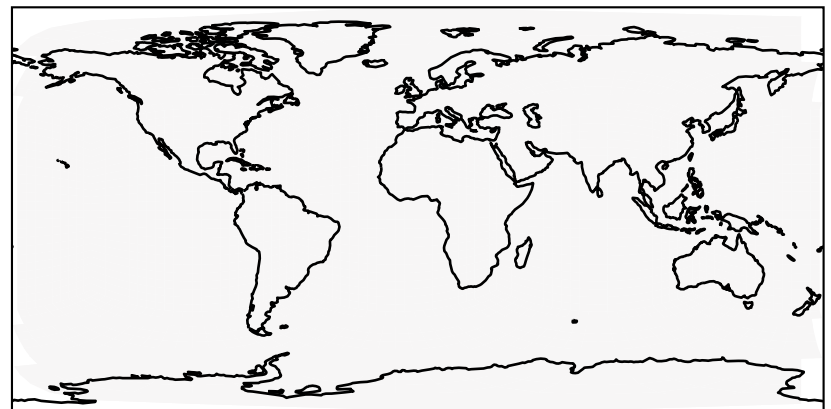
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

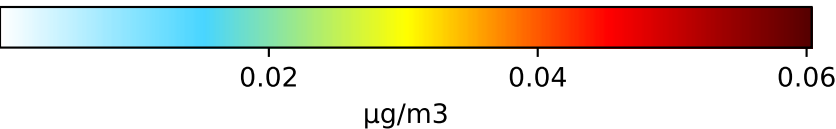
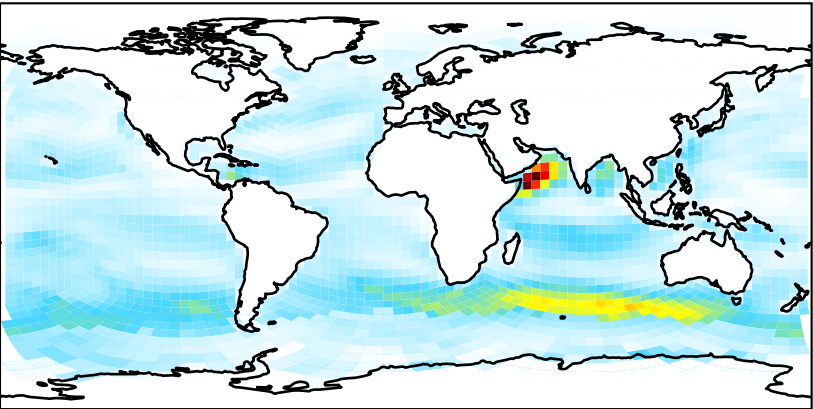


Ratio
Dev/Ref, Fixed Range

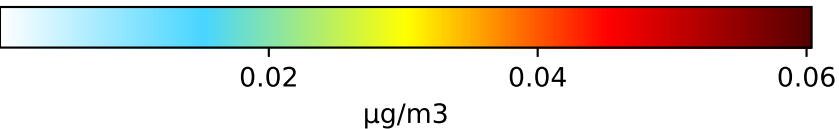
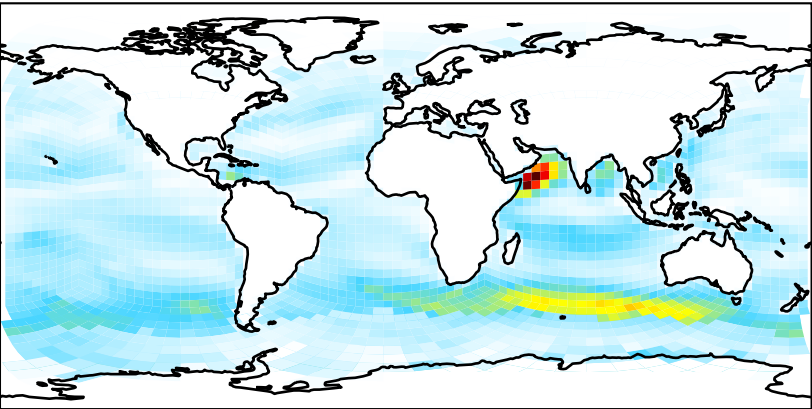


SpeciesConcVV_SALAAAL

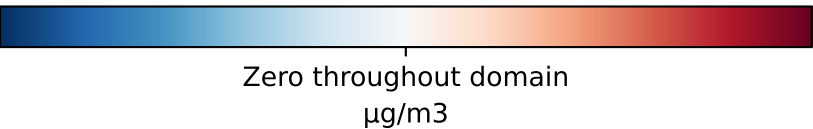
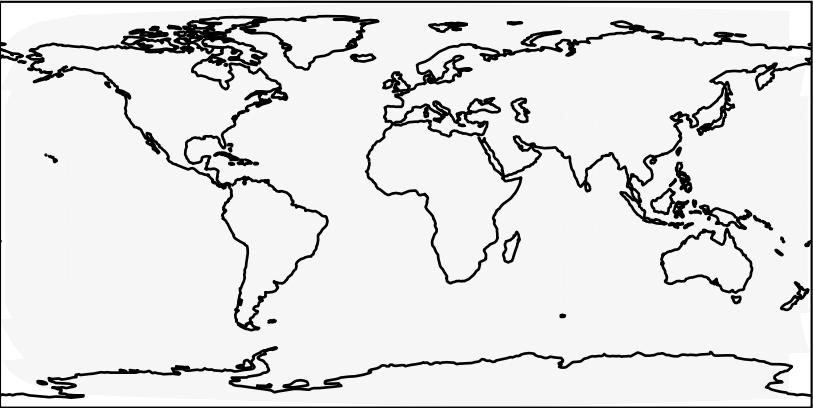
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



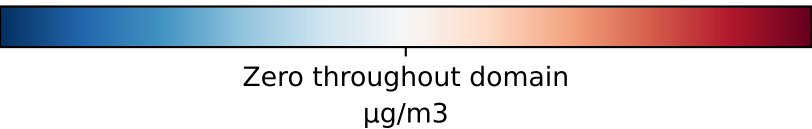
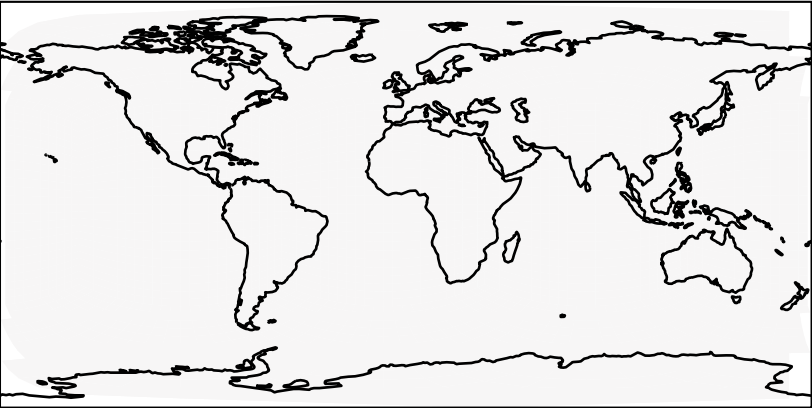
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



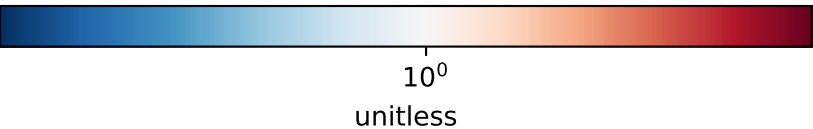
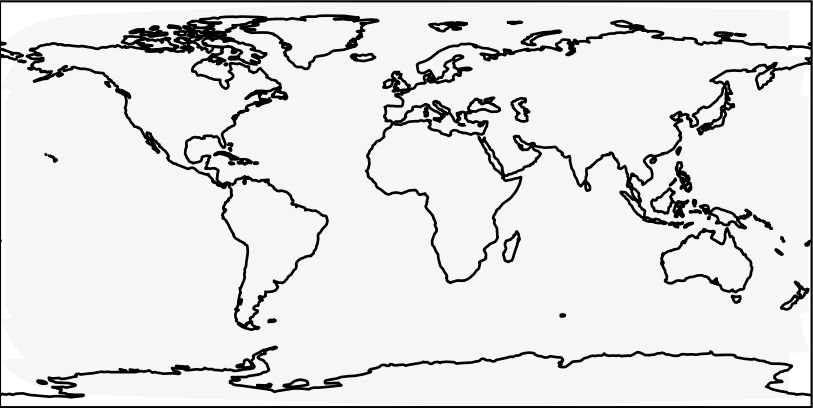
Difference
Dev - Ref, Dynamic Range



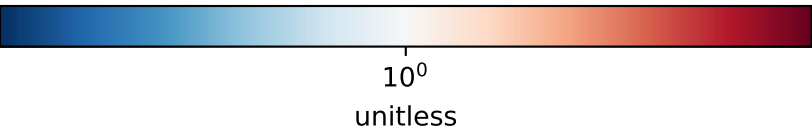
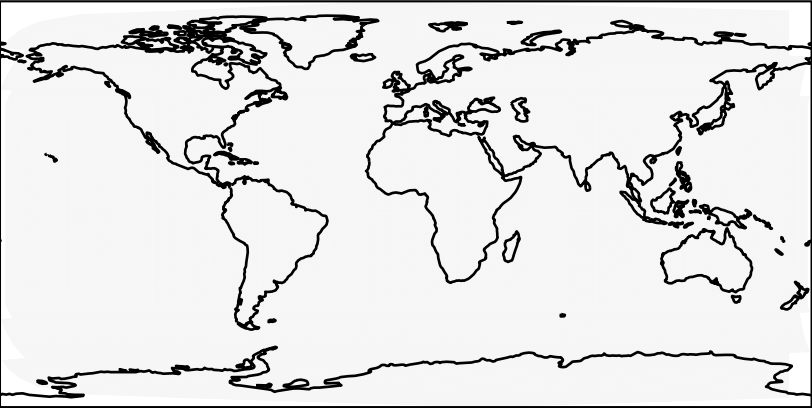
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

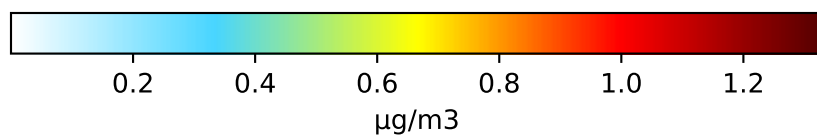
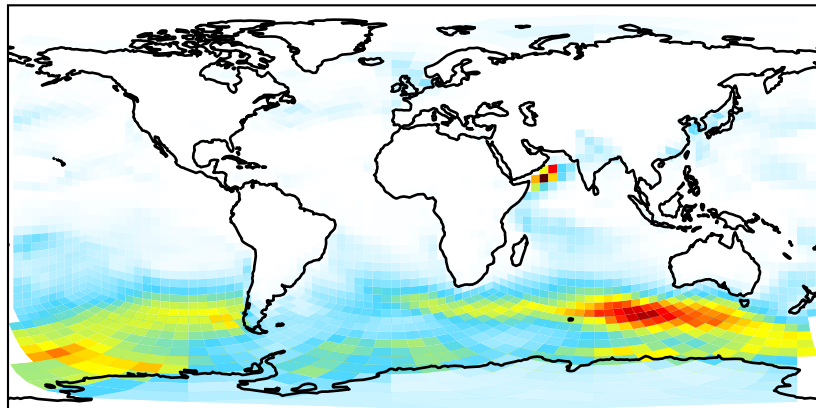


Ratio
Dev/Ref, Fixed Range

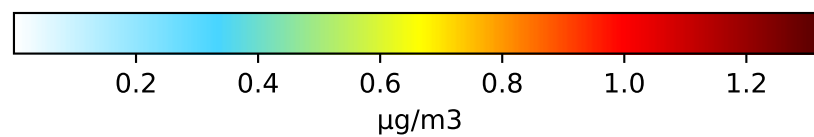
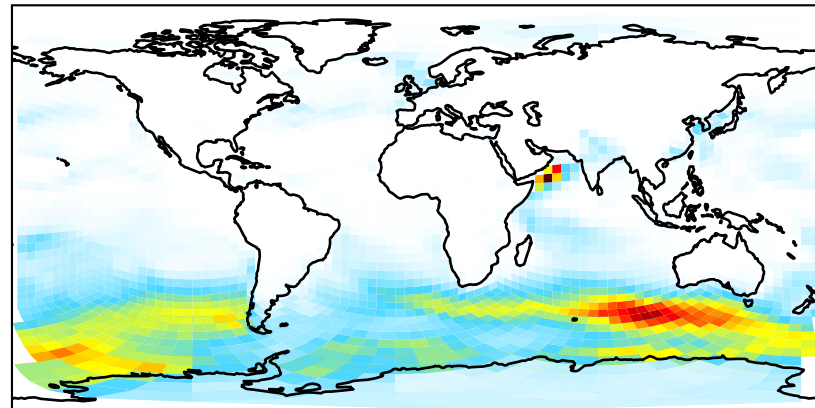


SpeciesConcVV_SALACL

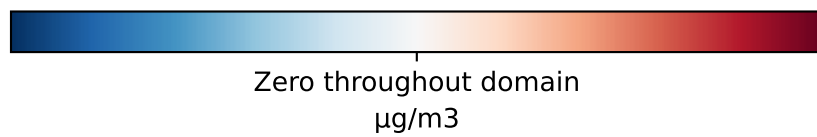
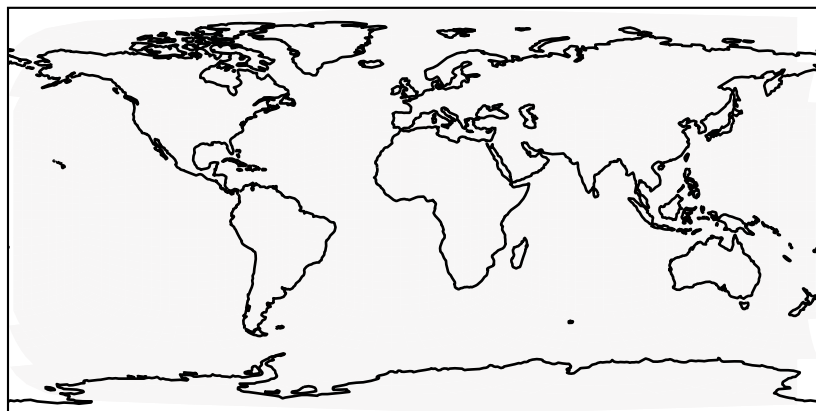
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



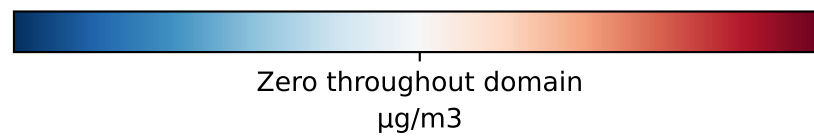
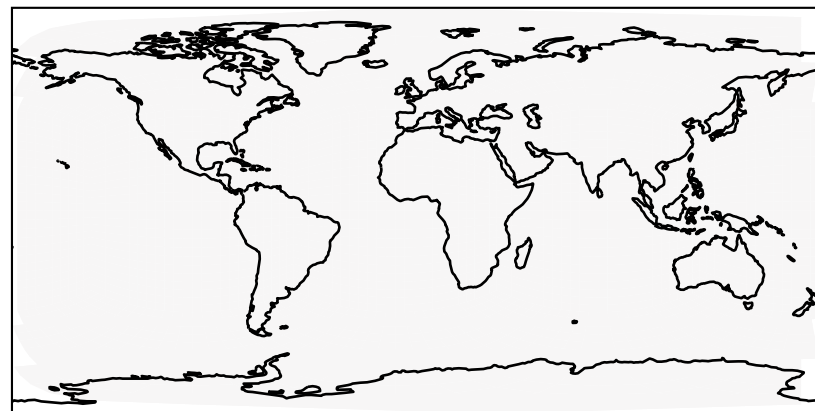
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



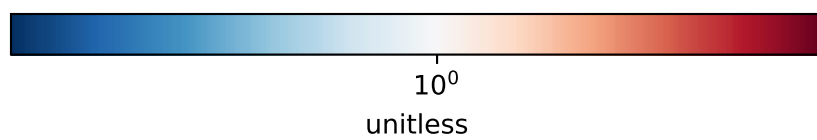
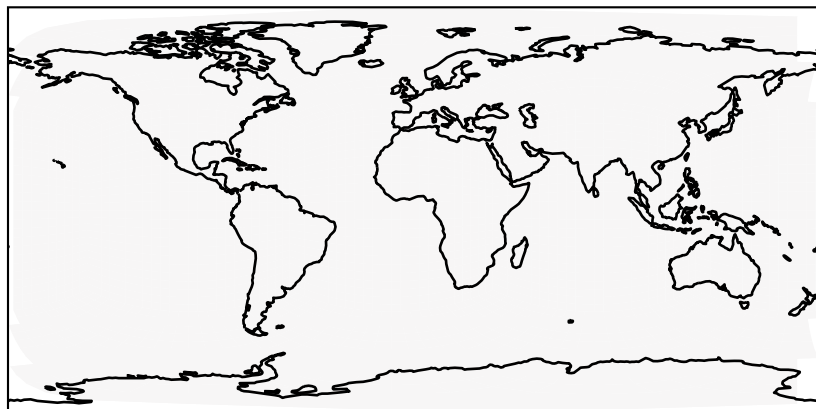
Difference
Dev - Ref, Dynamic Range



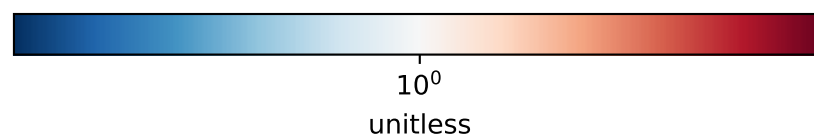
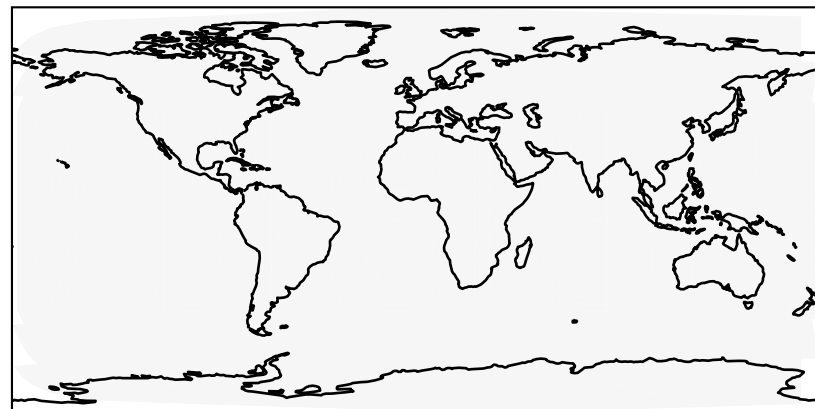
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

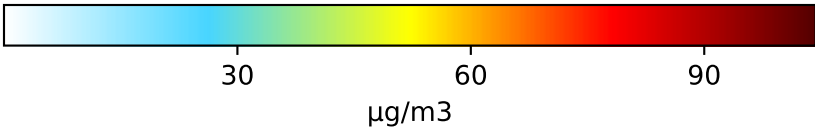
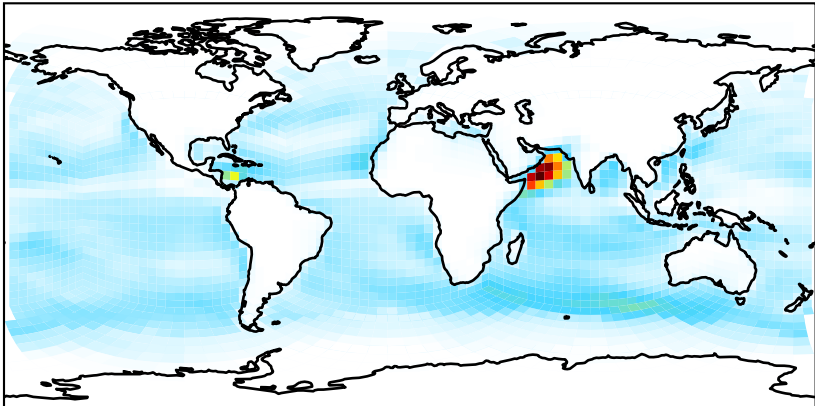


Ratio
Dev/Ref, Fixed Range

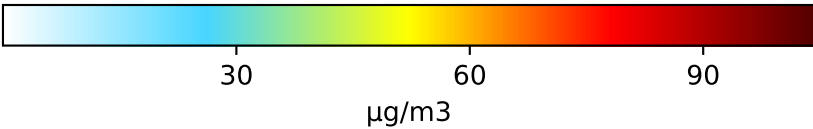
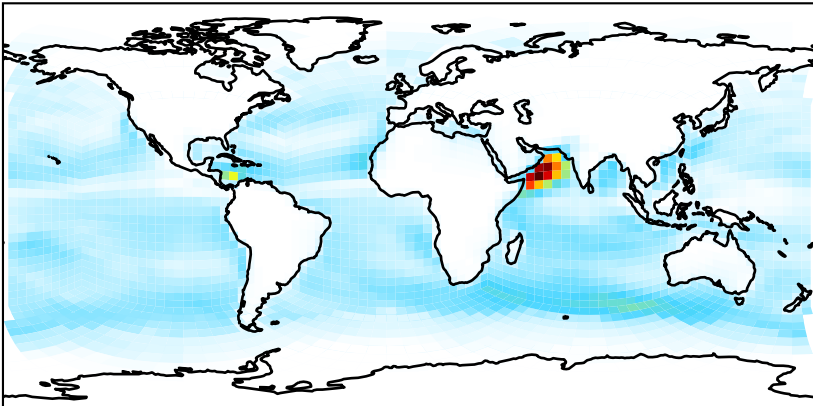


SpeciesConcVV_SALC

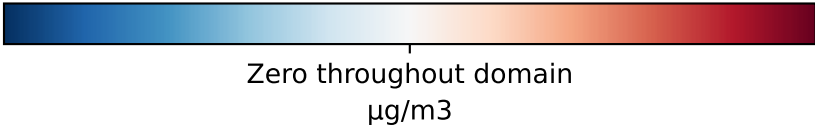
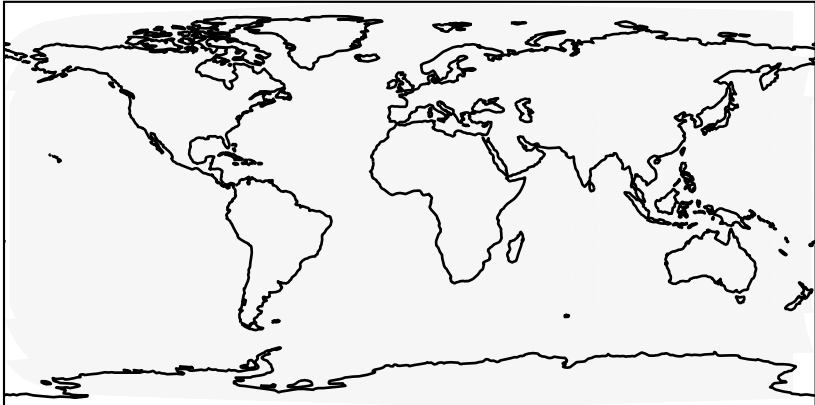
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



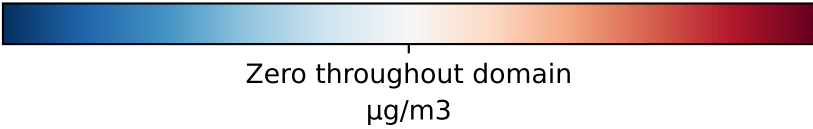
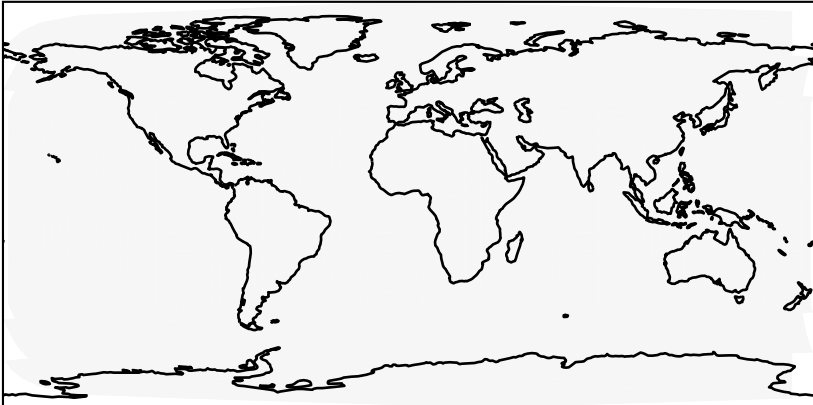
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



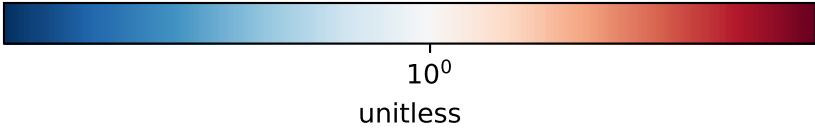
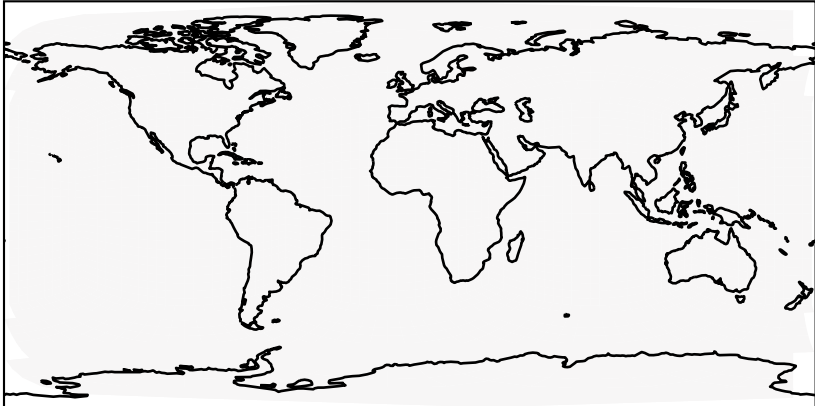
Difference
Dev - Ref, Dynamic Range



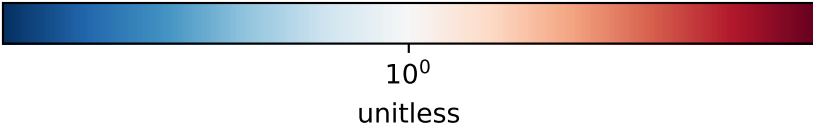
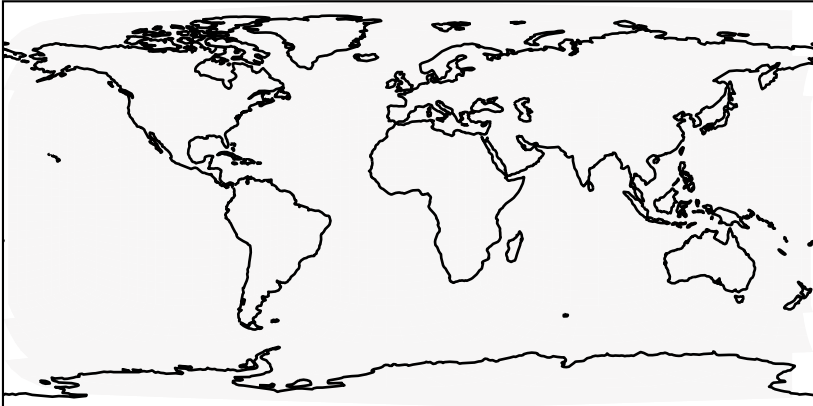
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

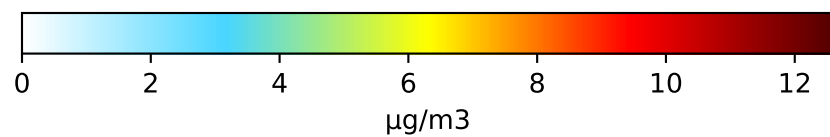
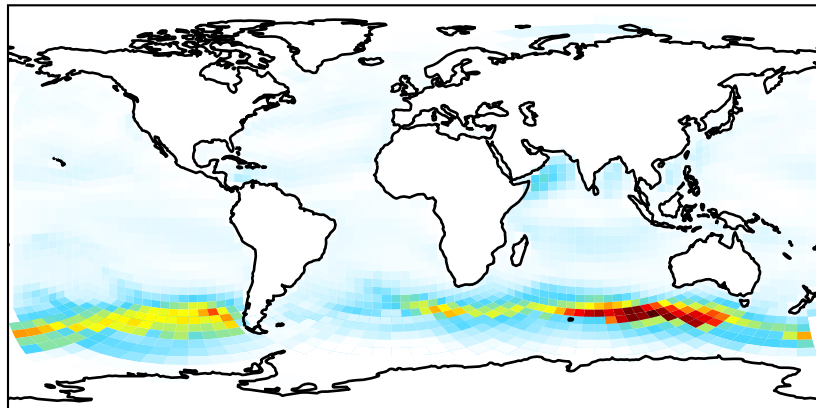


Ratio
Dev/Ref, Fixed Range

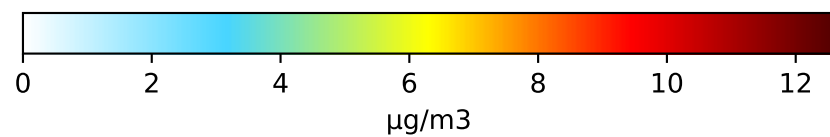
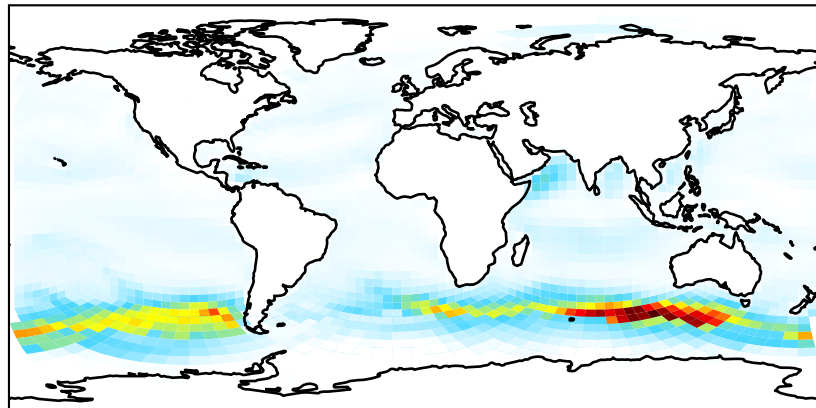


SpeciesConcVV_SALCAL

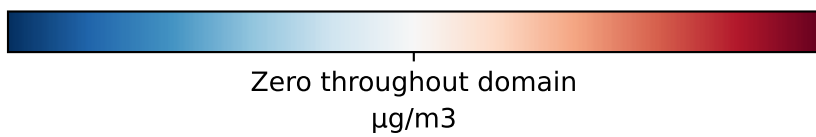
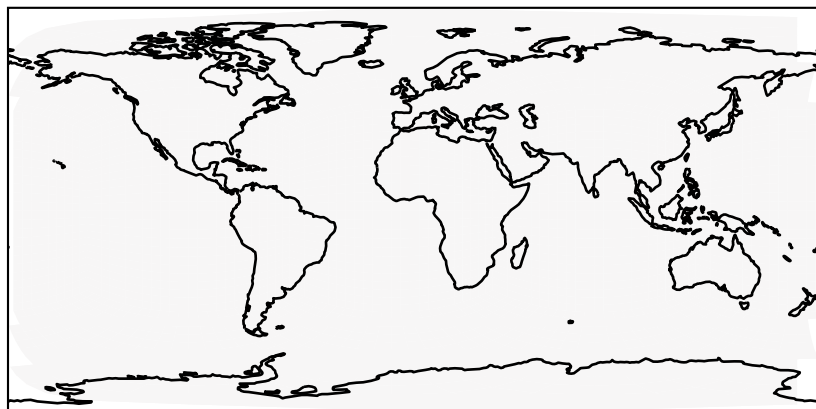
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24

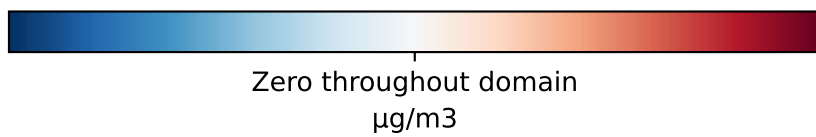
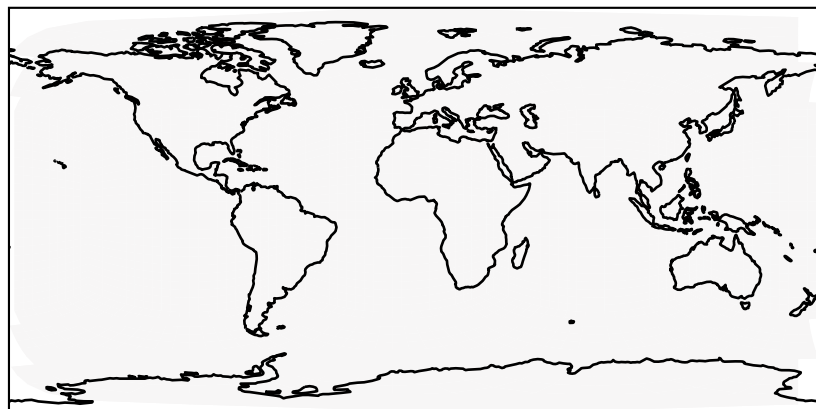


Difference
Dev - Ref, Dynamic Range



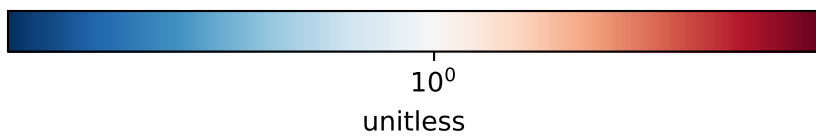
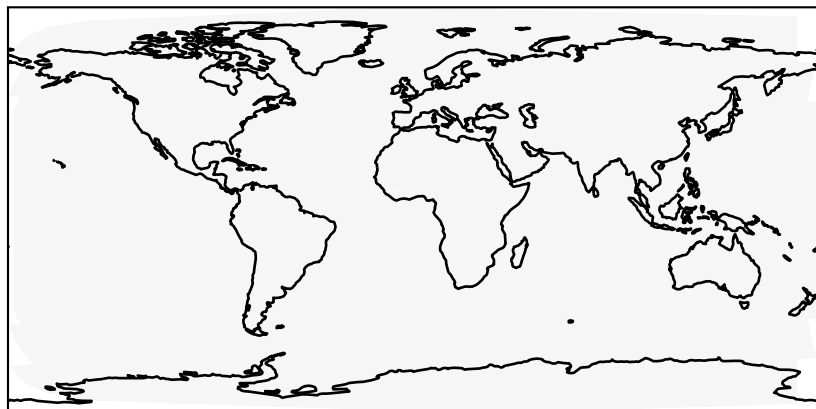
Zero throughout domain
 $\mu\text{g}/\text{m}^3$

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



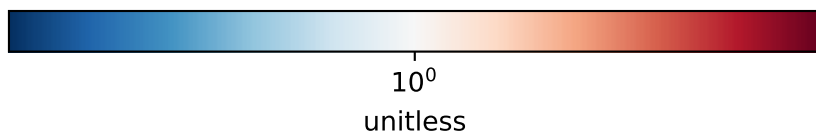
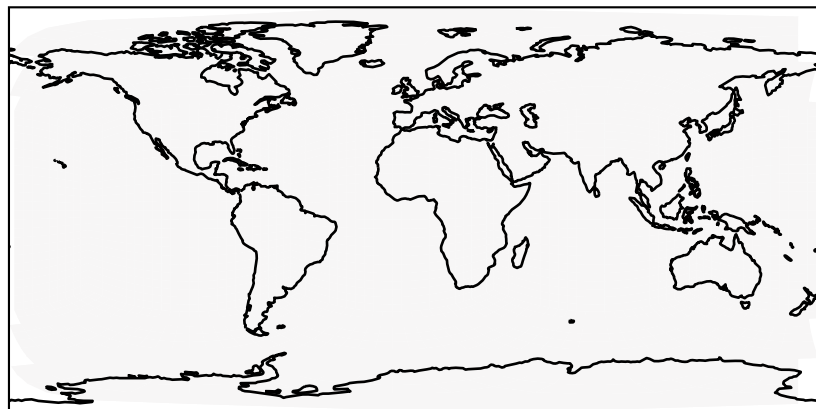
Zero throughout domain
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



10^0
unitless

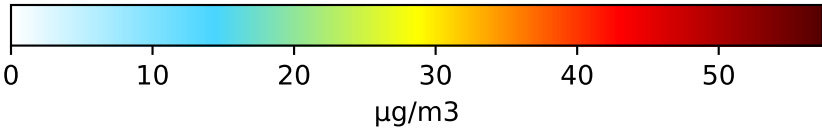
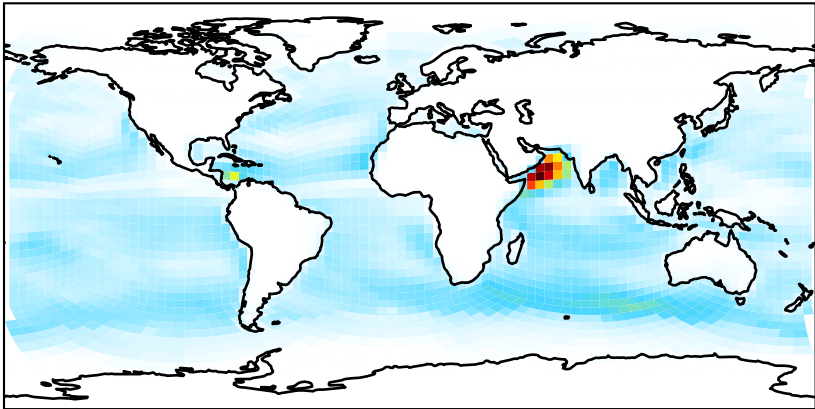
Ratio
Dev/Ref, Fixed Range



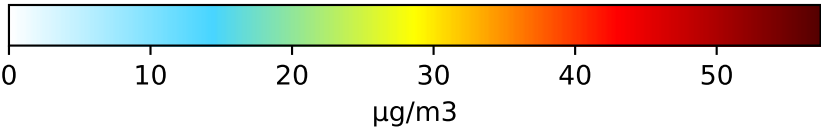
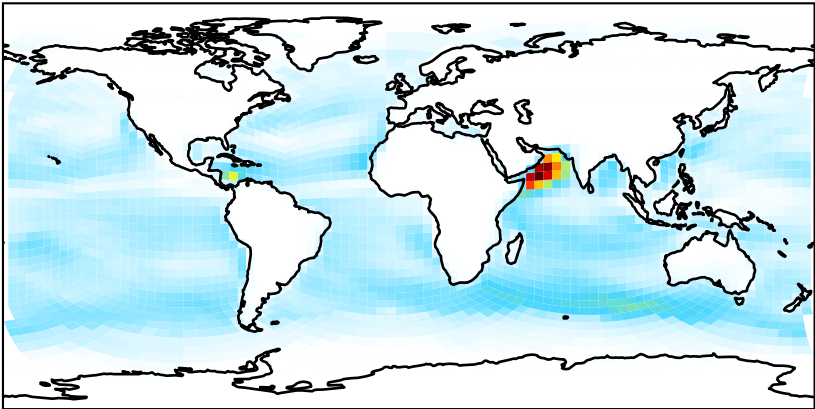
10^0
unitless

SpeciesConcVV_SALCCL

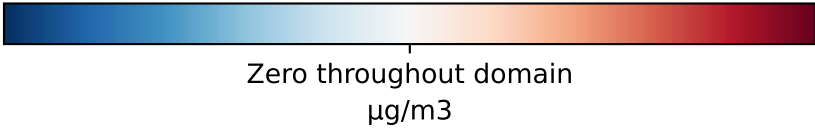
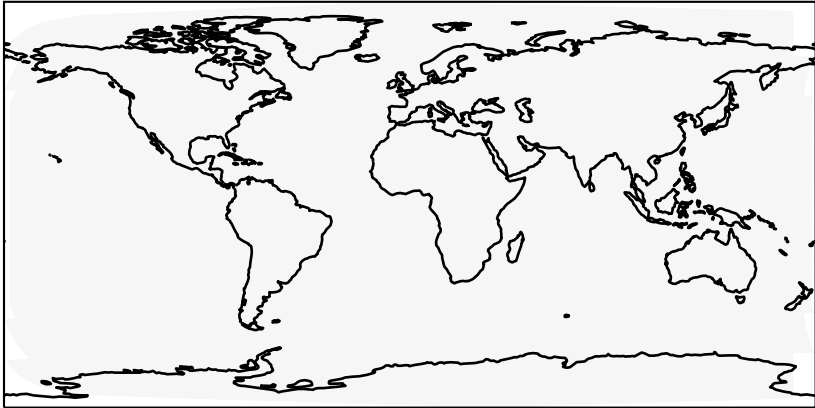
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



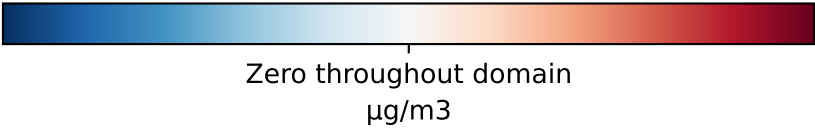
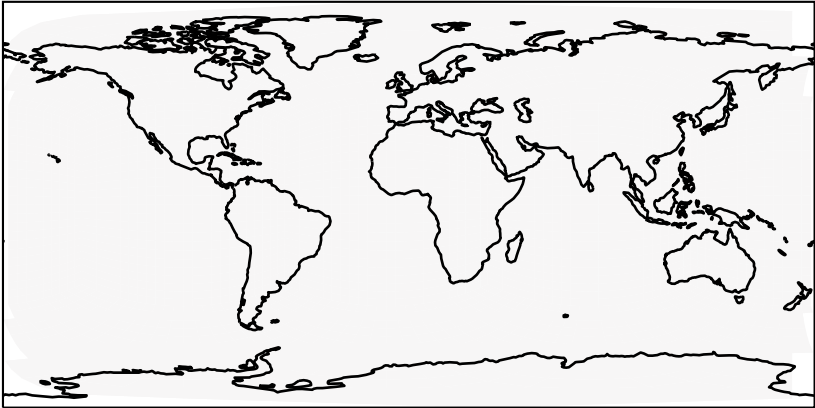
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



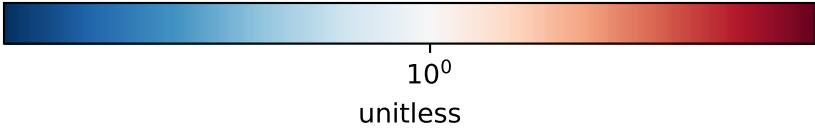
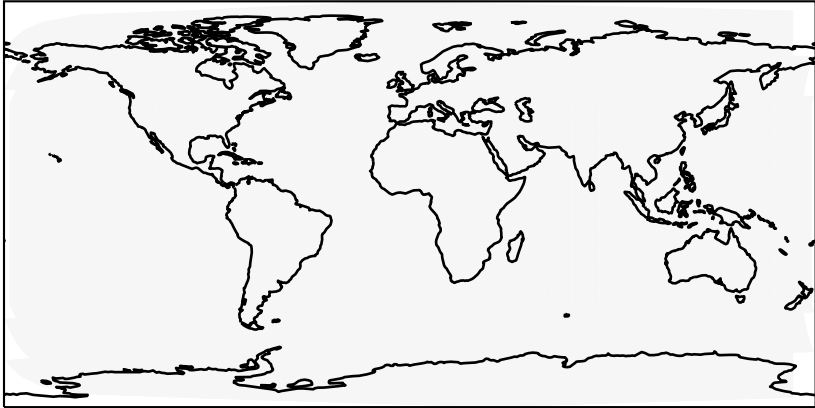
Difference
Dev - Ref, Dynamic Range



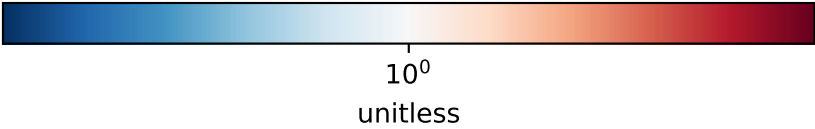
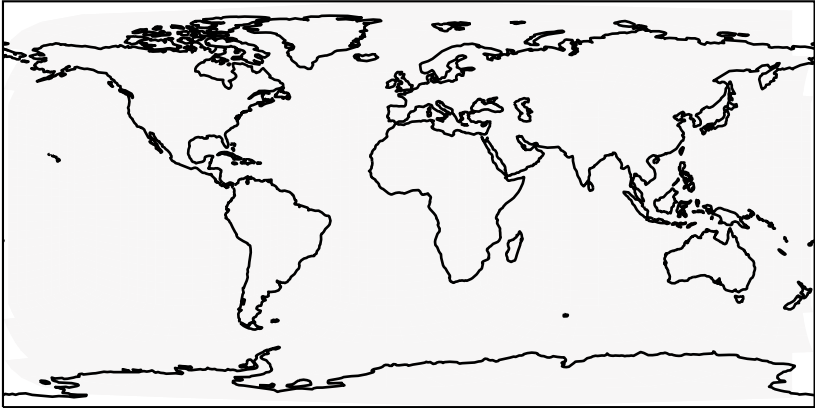
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

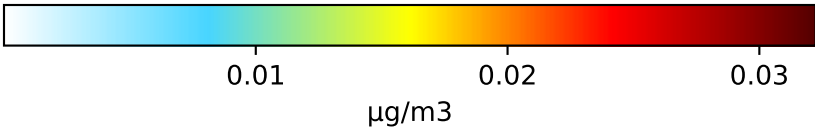
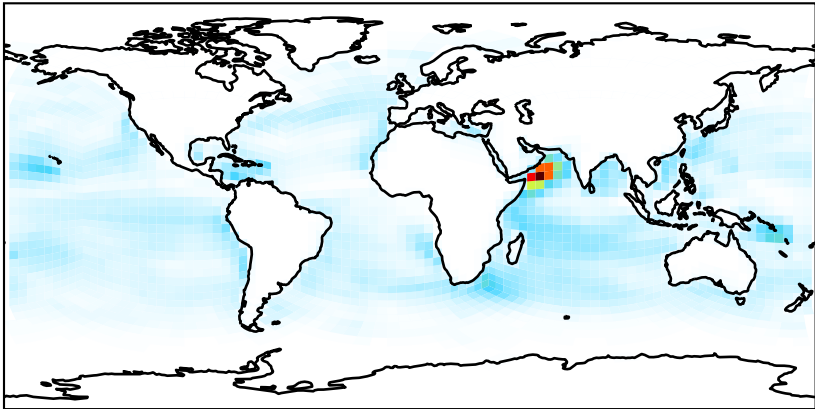


Ratio
Dev/Ref, Fixed Range

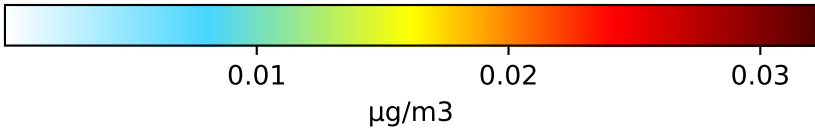
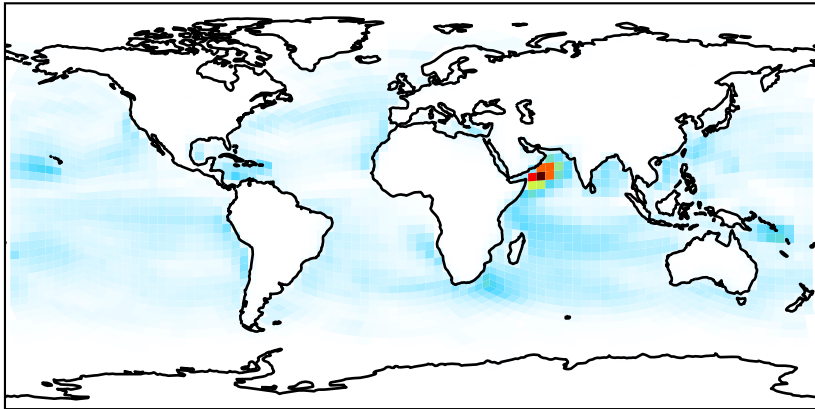


SpeciesConcVV_S04s

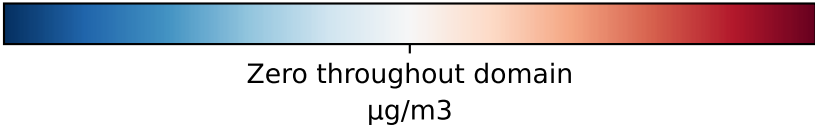
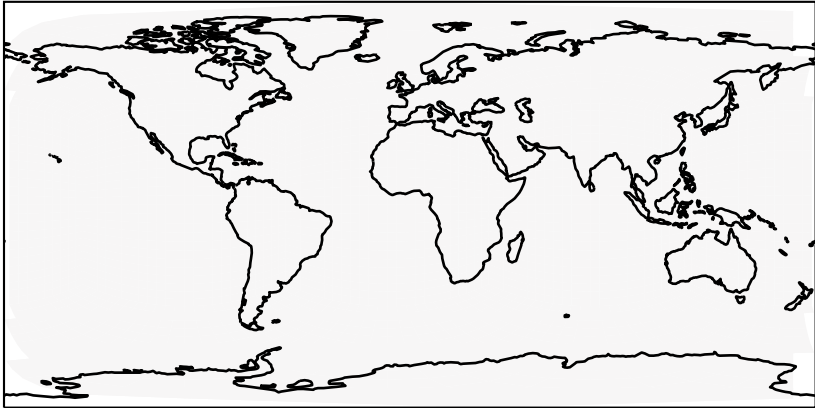
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



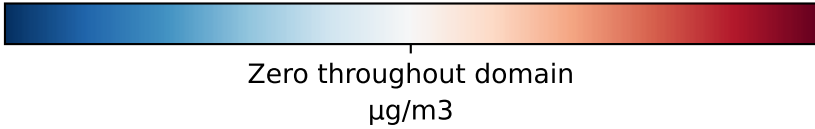
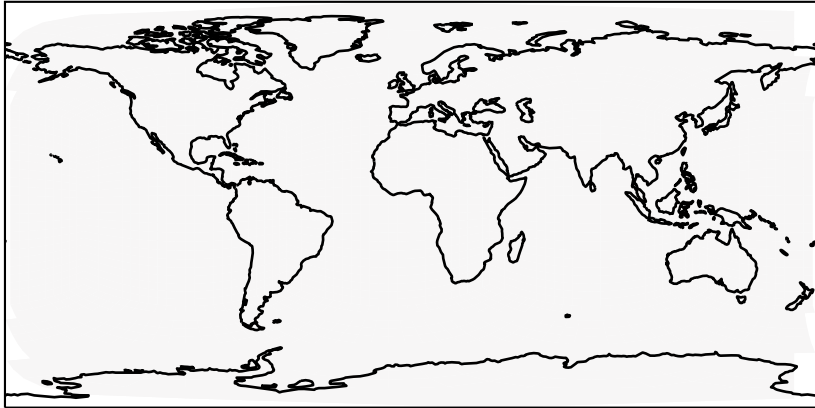
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



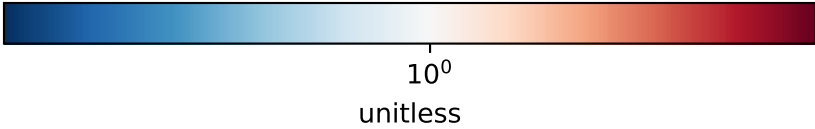
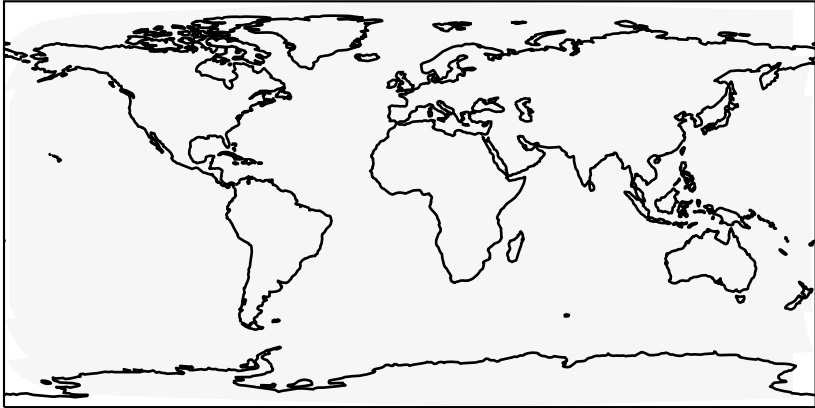
Difference
Dev - Ref, Dynamic Range



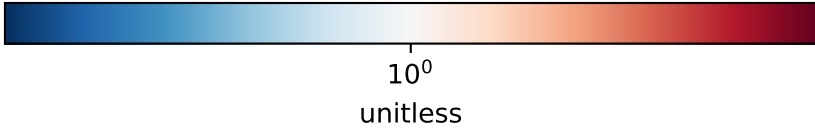
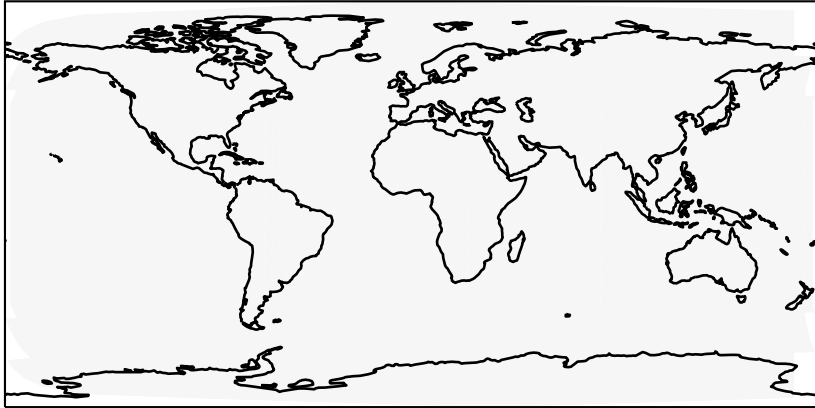
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

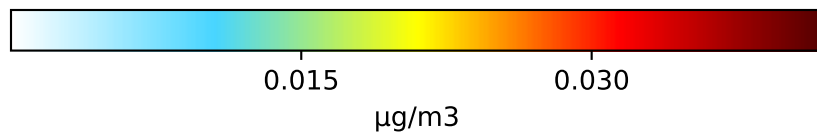
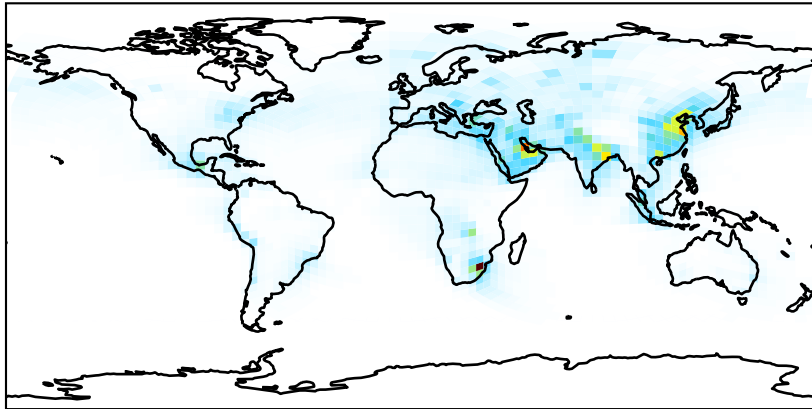


Ratio
Dev/Ref, Fixed Range

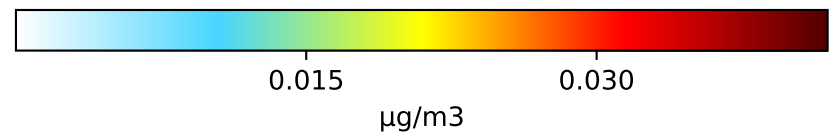
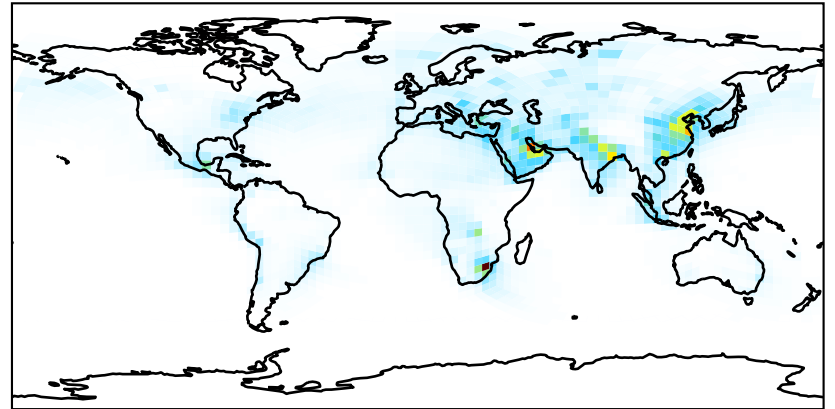


SpeciesConcVV_pFe

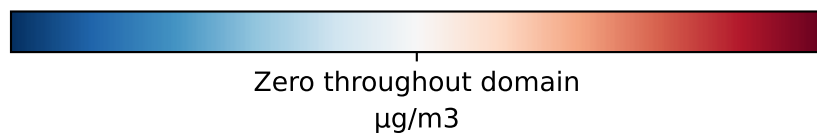
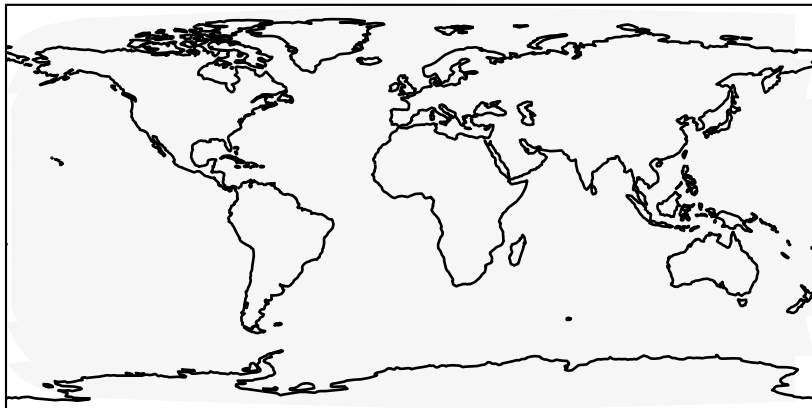
gchp-c24-1Mon-14.2.0-alpha.8 (Ref)
c24



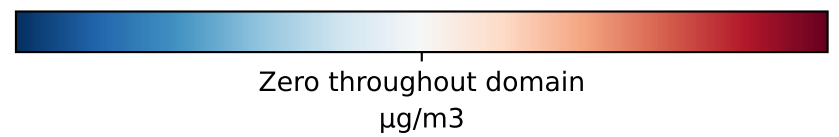
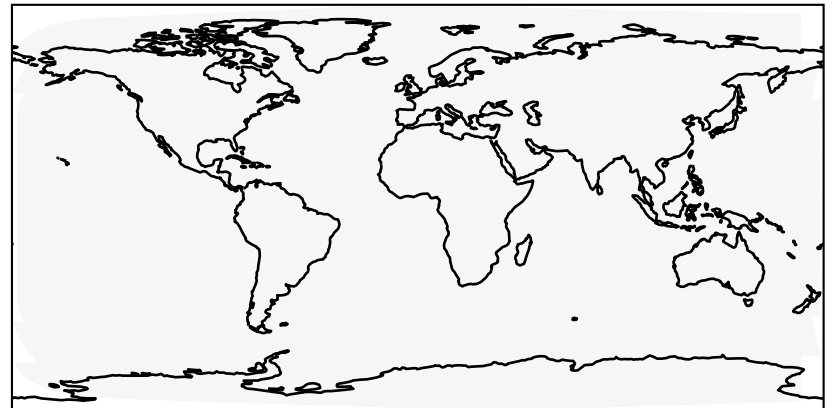
gchp-c24-1Mon-14.2.0-alpha.9 (Dev)
c24



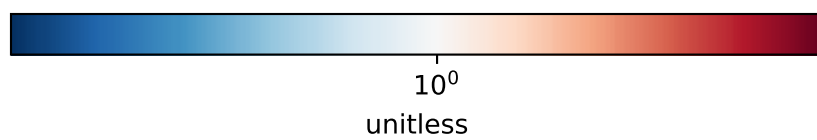
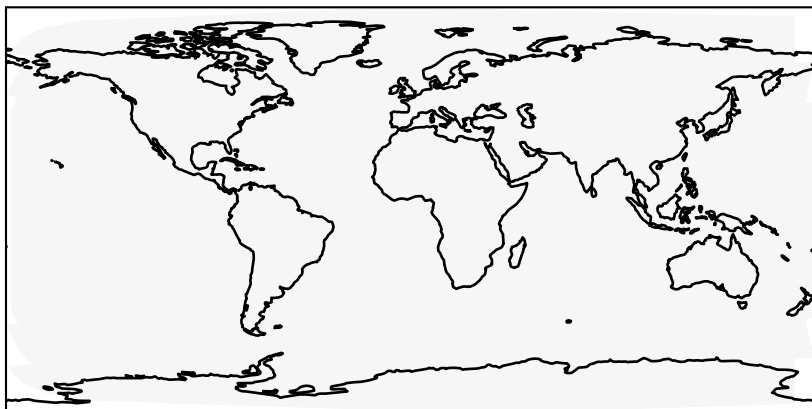
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

