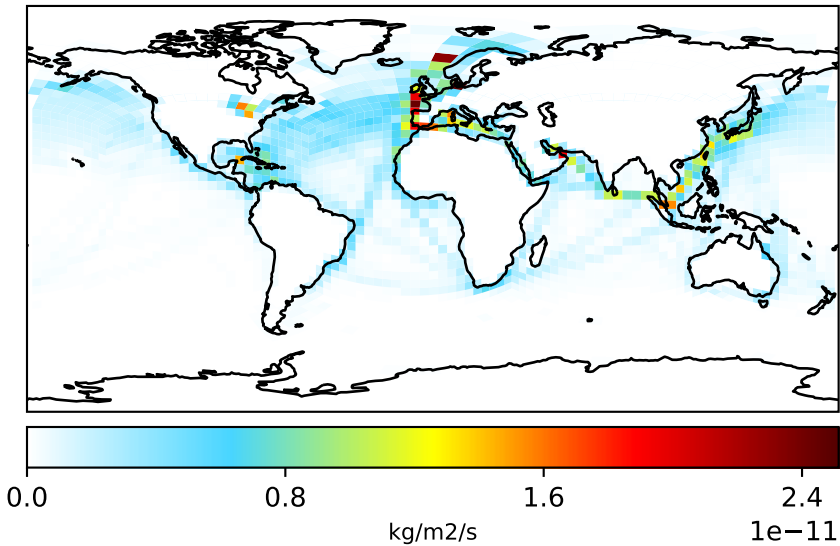
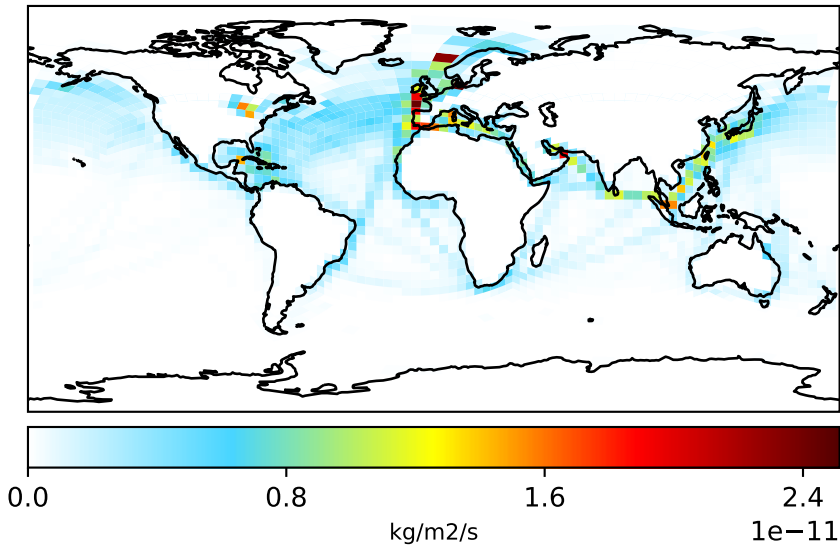


EmisHNO3_Ship

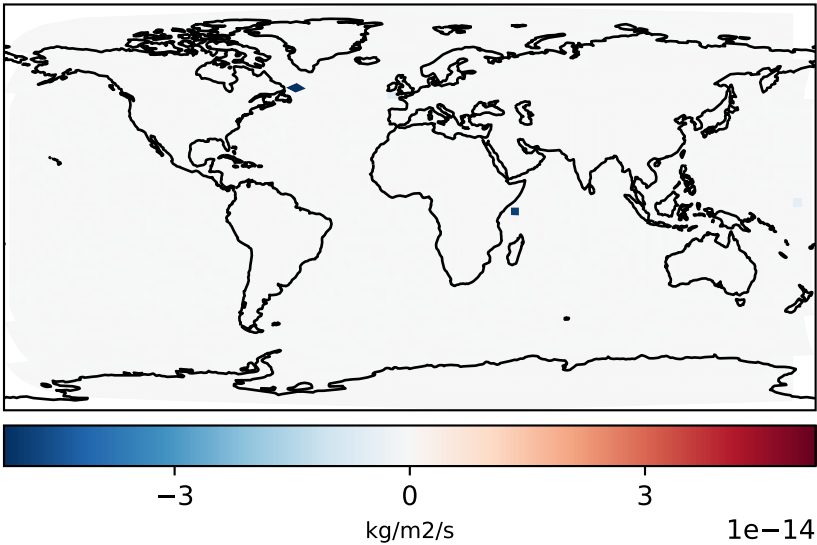
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



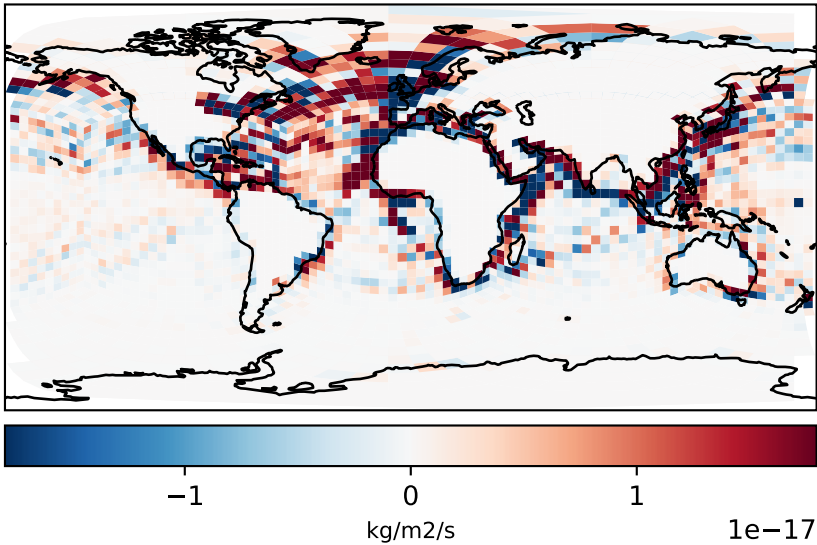
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



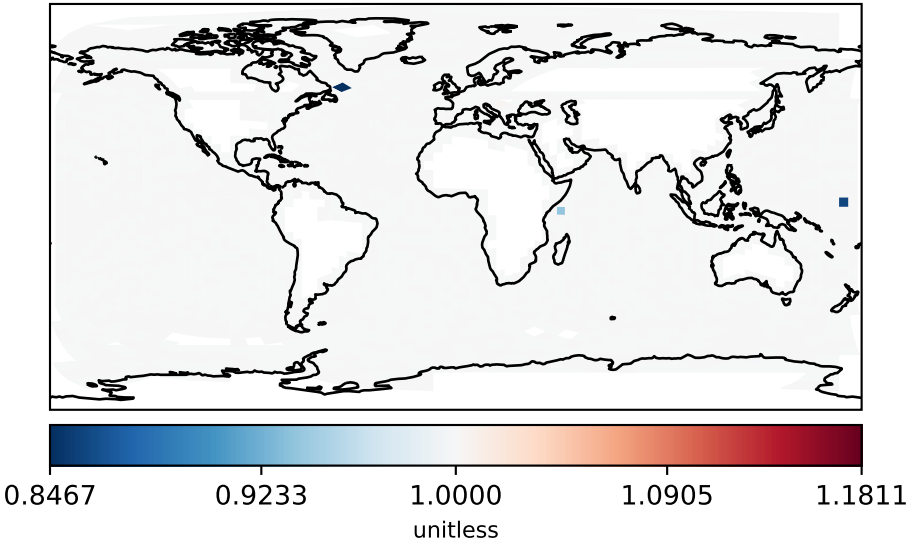
Difference
Dev - Ref, Dynamic Range



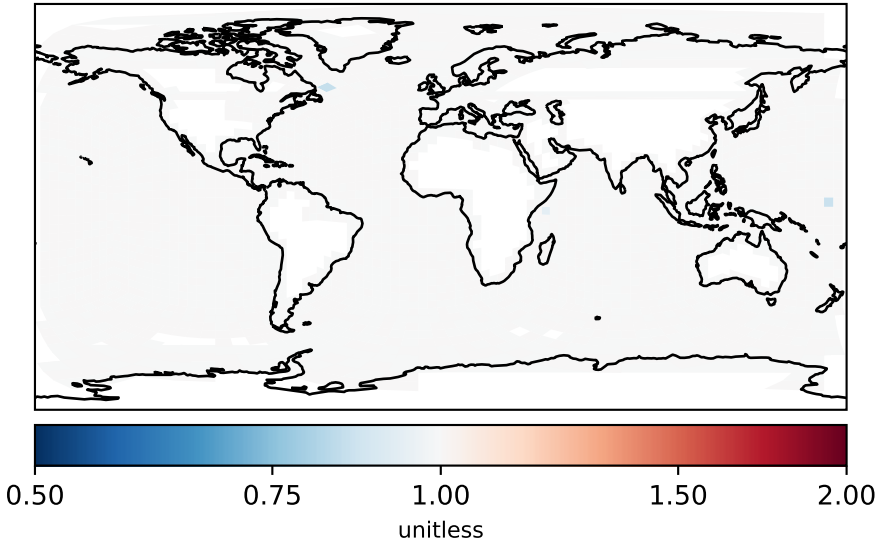
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

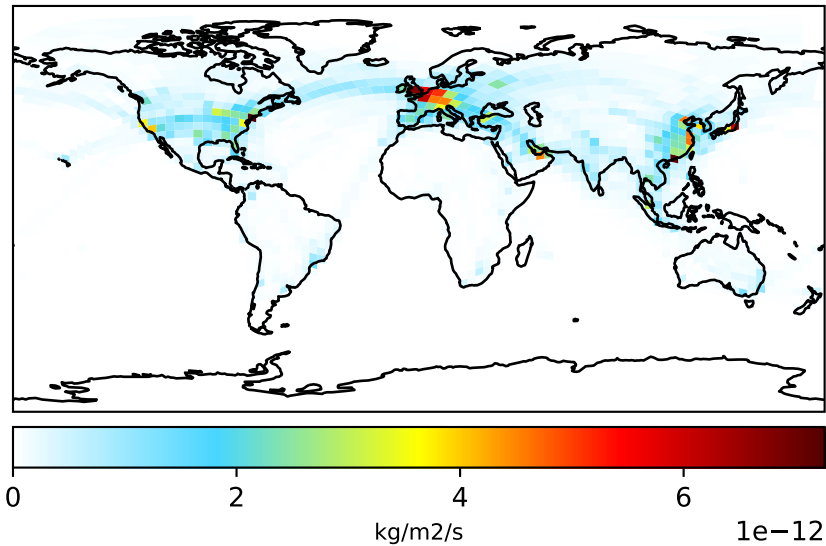


Ratio
Dev/Ref, Fixed Range

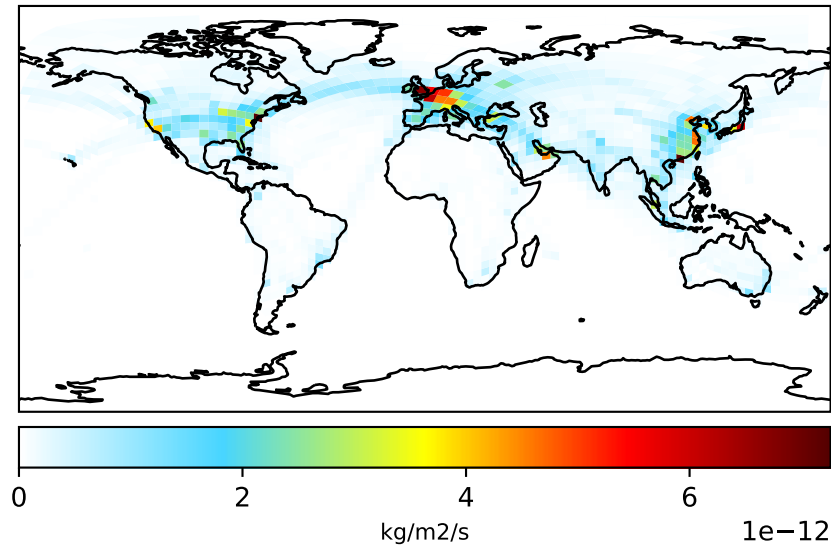


EmisNO_Aircraft

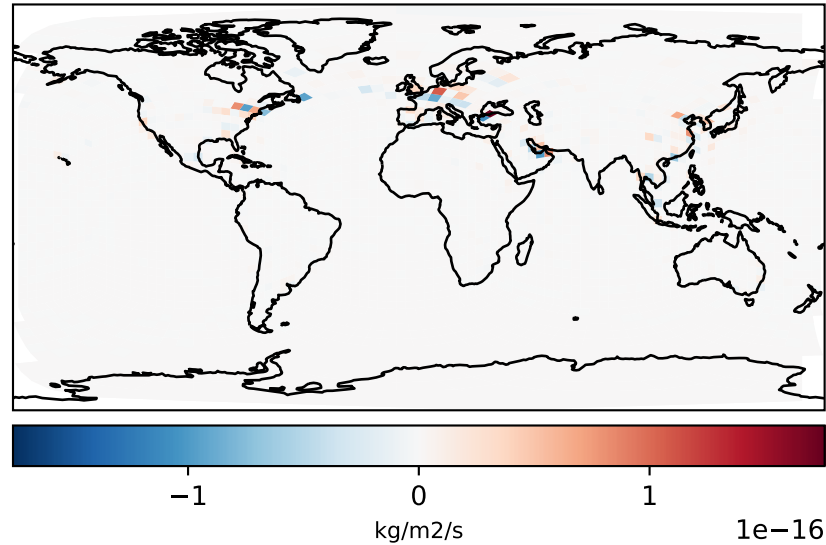
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



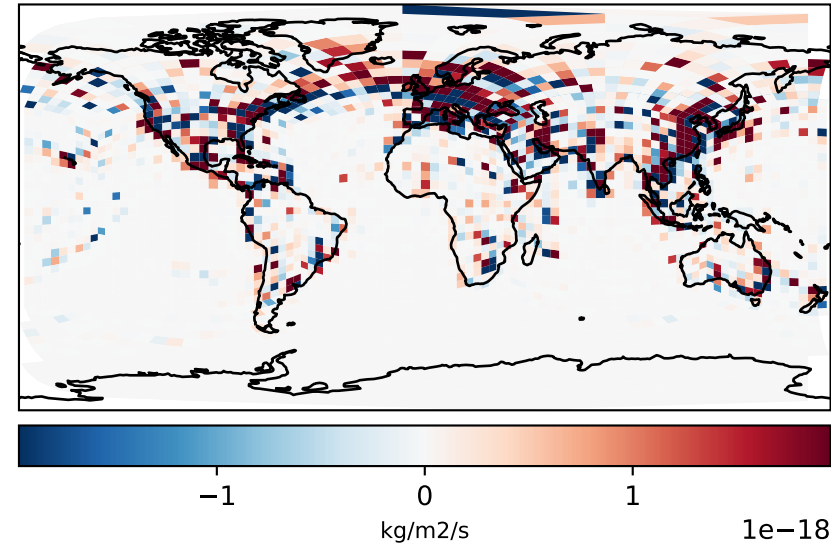
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



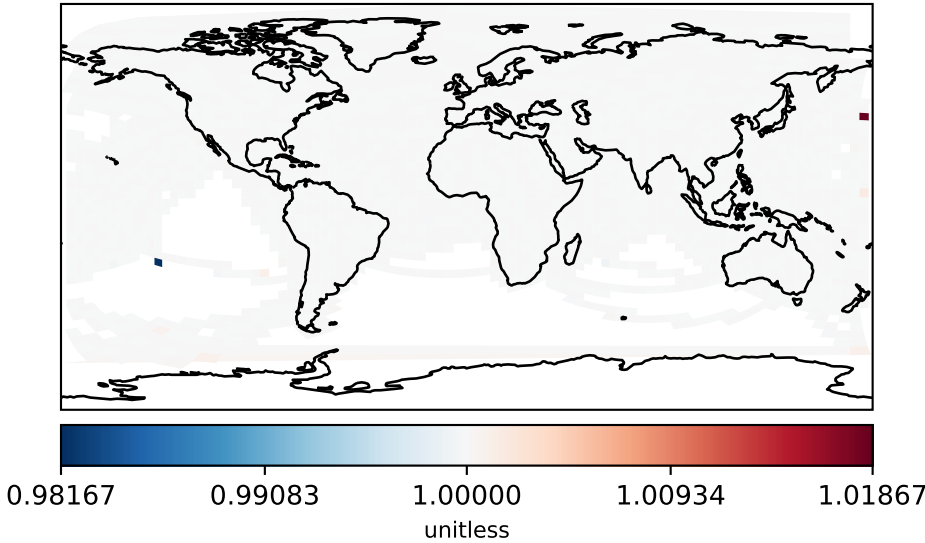
Difference
Dev - Ref, Dynamic Range



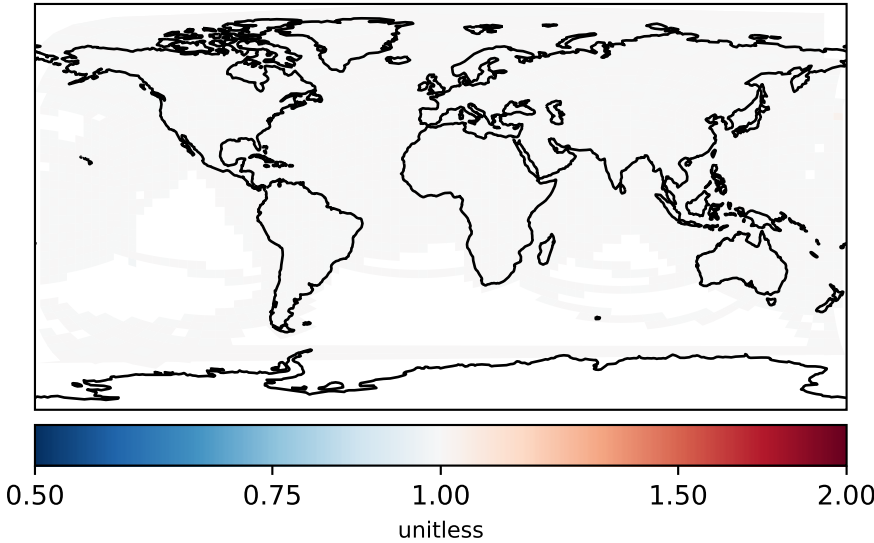
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

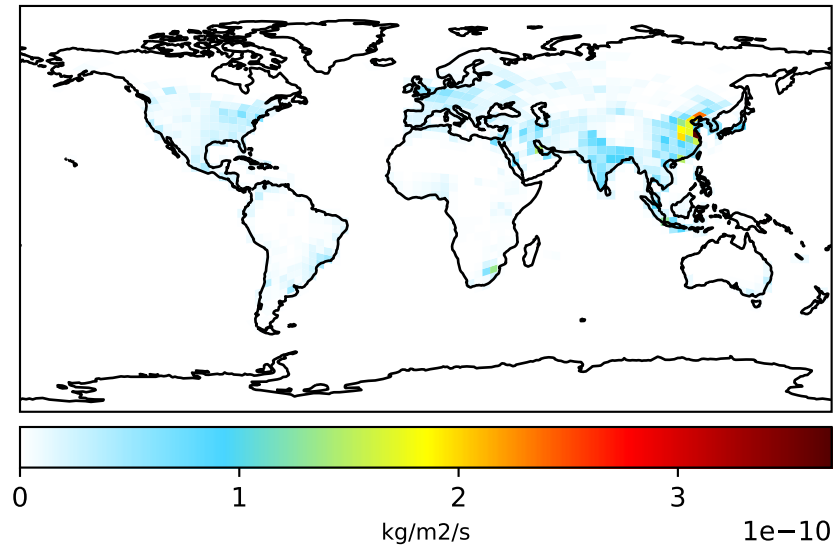


Ratio
Dev/Ref, Fixed Range

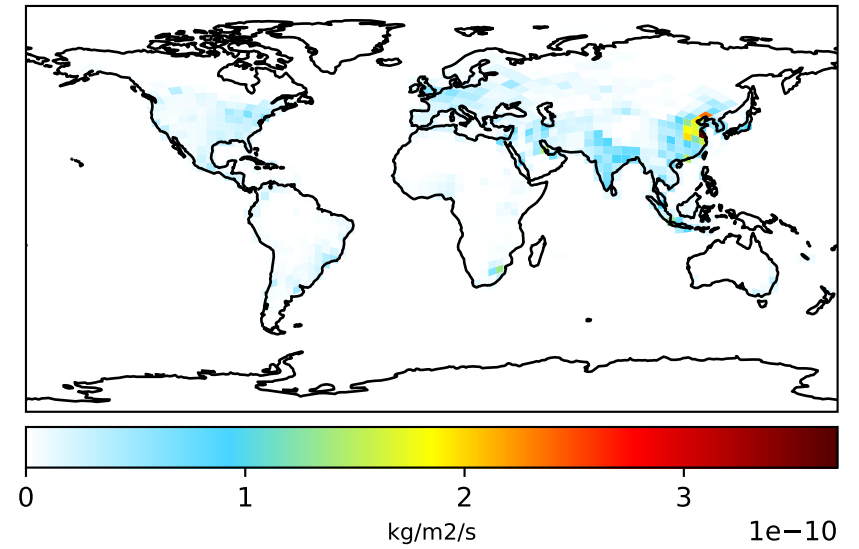


EmisNO_Anthro

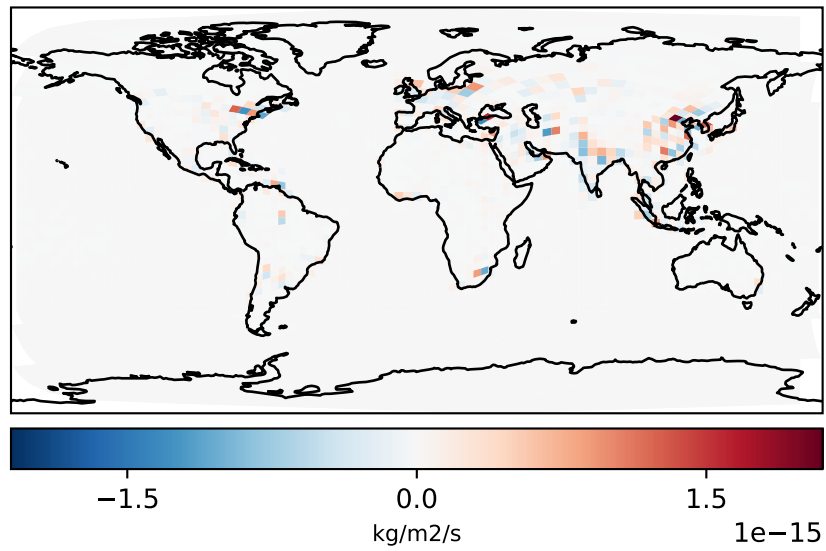
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



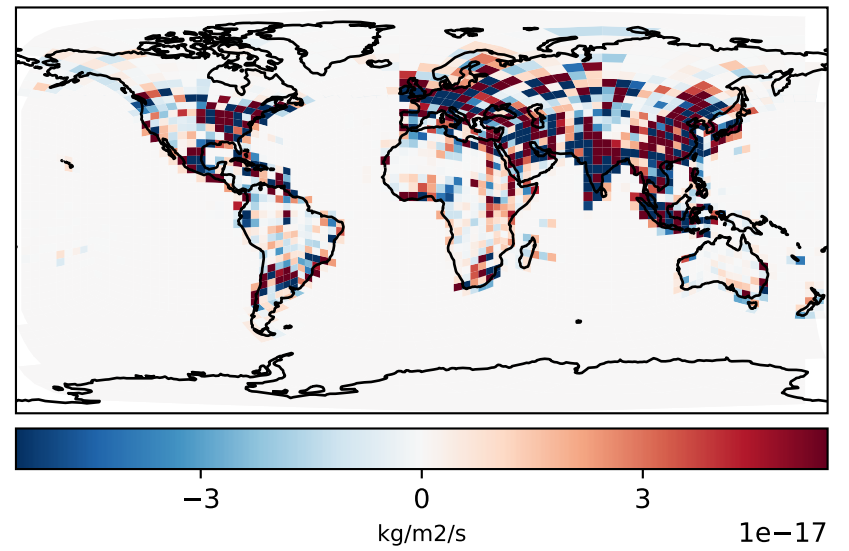
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



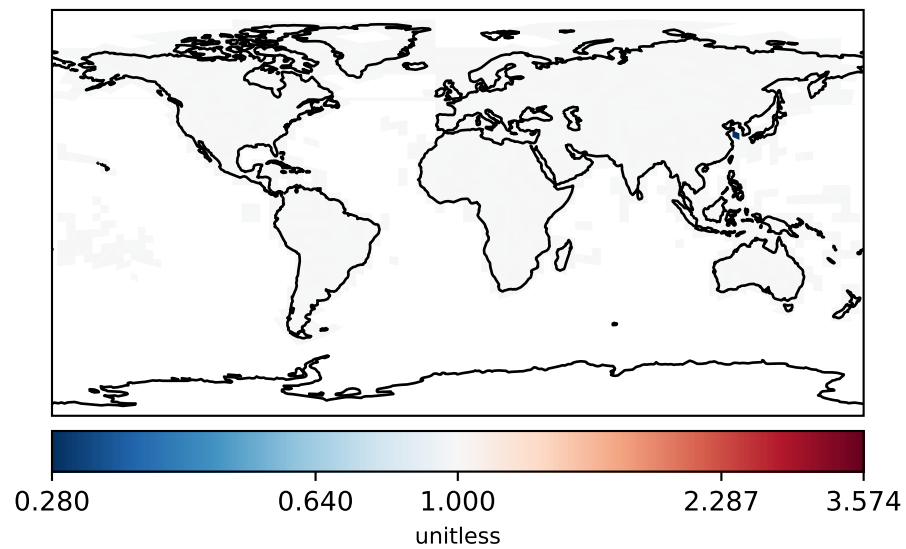
Difference
Dev - Ref, Dynamic Range



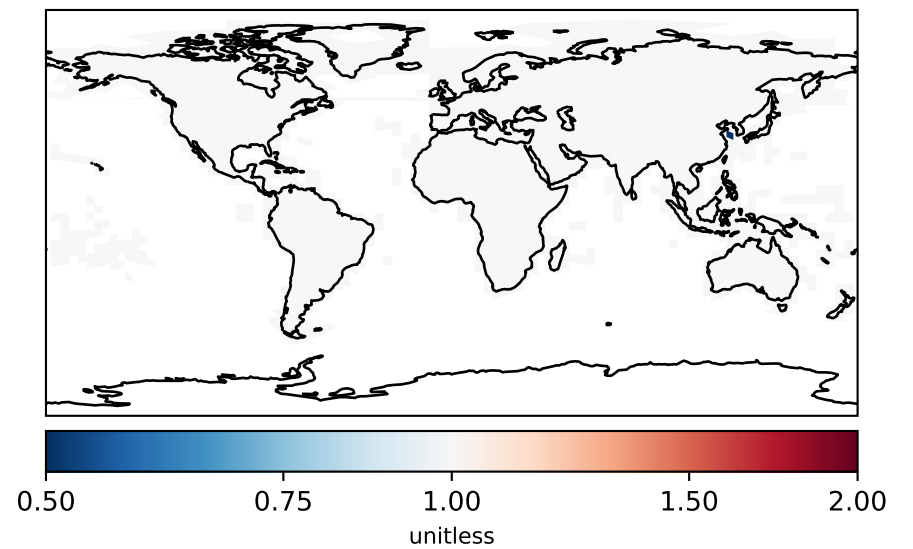
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

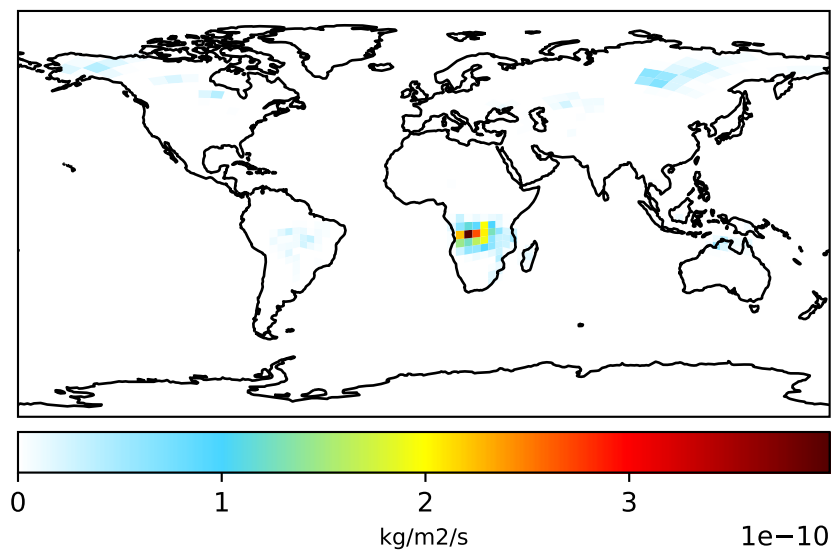


Ratio
Dev/Ref, Fixed Range

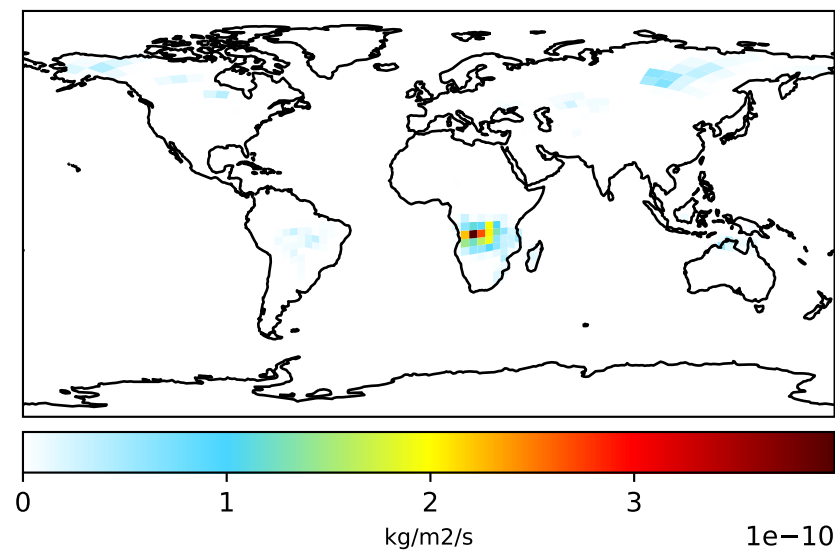


EmisNO_BioBurn

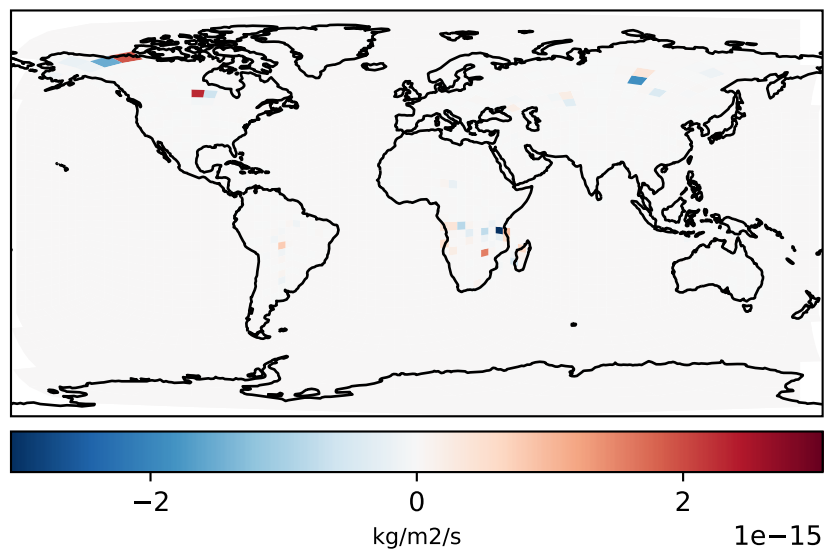
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



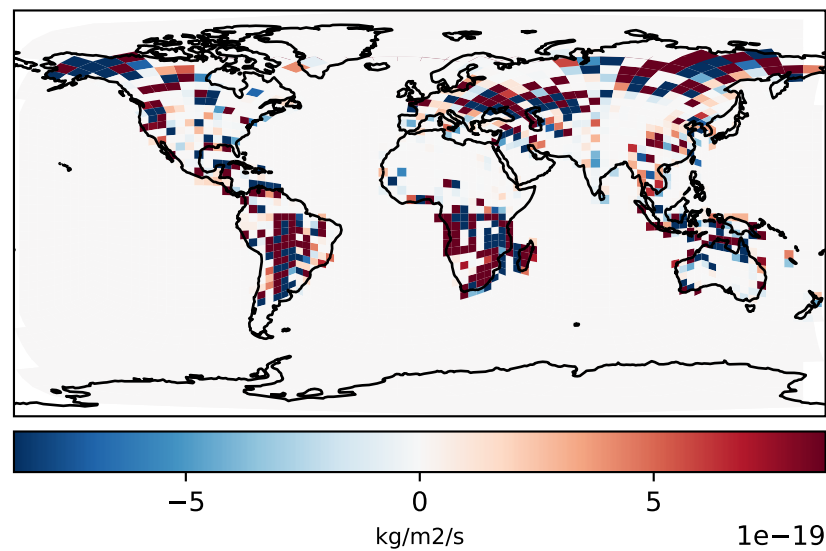
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



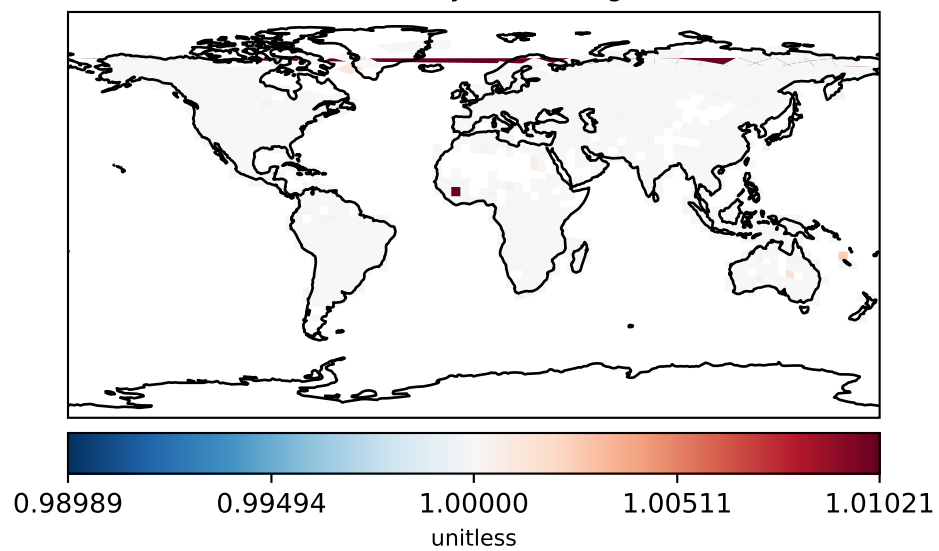
Difference
Dev - Ref, Dynamic Range



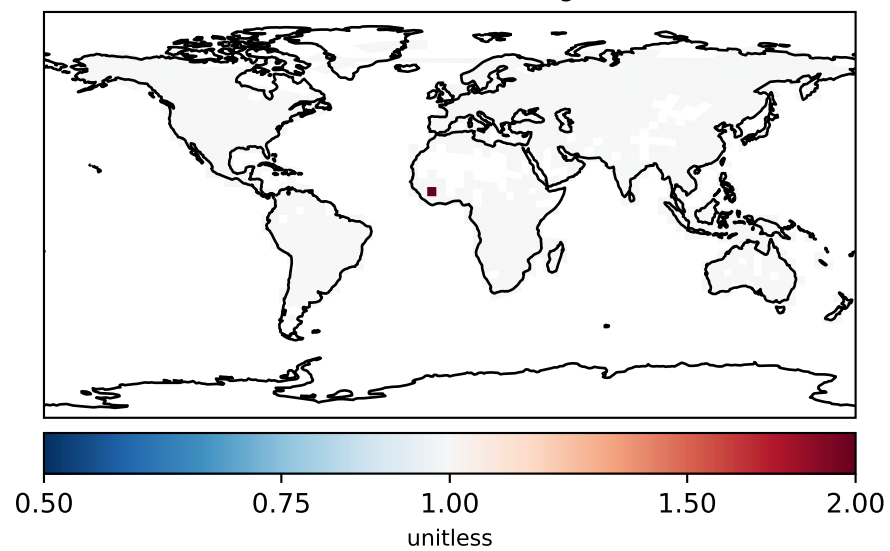
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

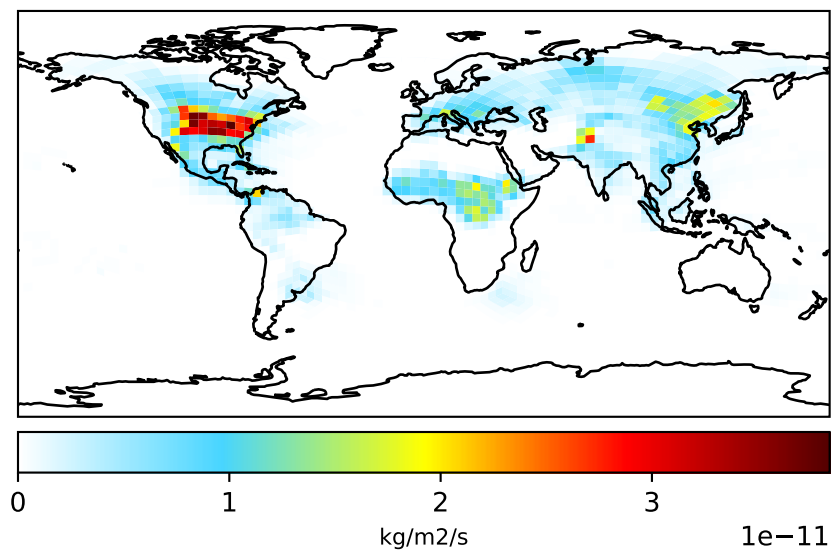


Ratio
Dev/Ref, Fixed Range

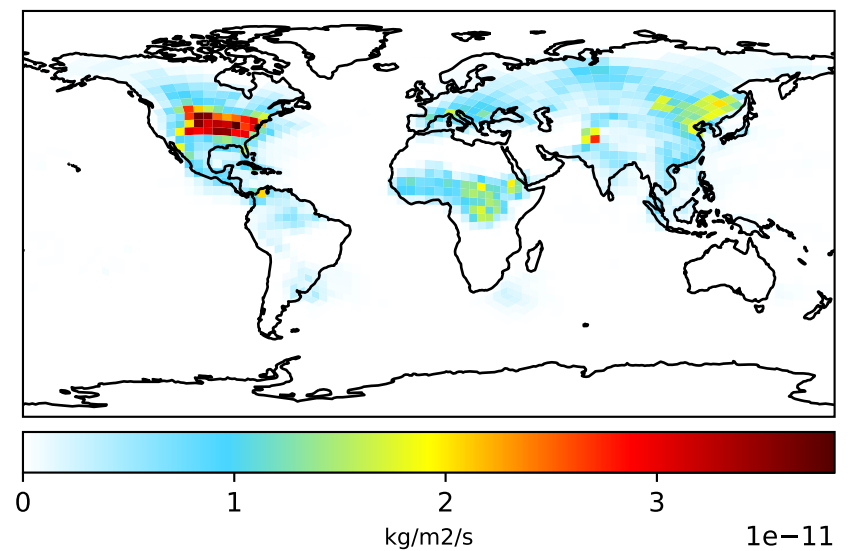


EmisNO_Lightning

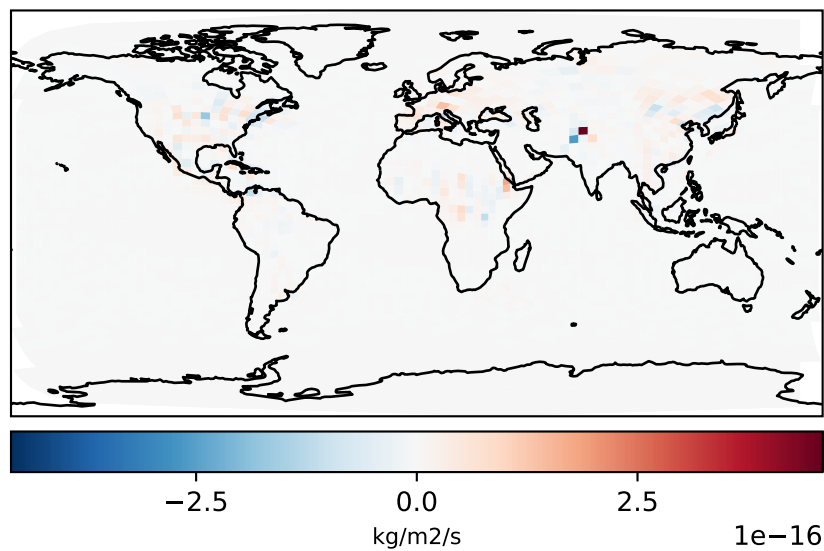
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



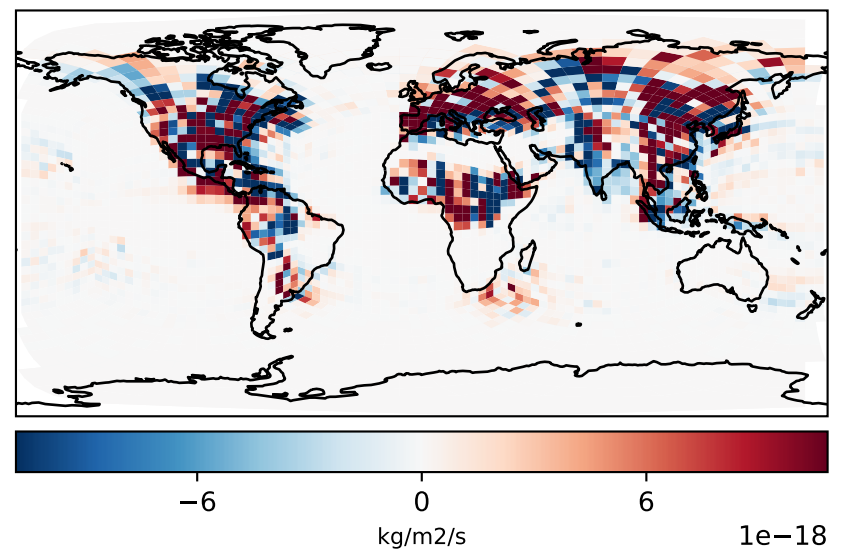
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



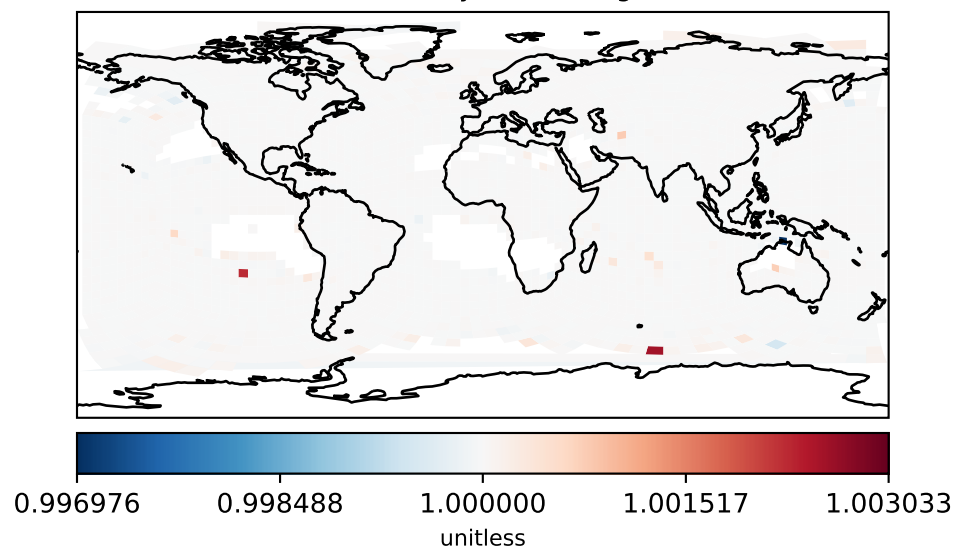
Difference
Dev - Ref, Dynamic Range



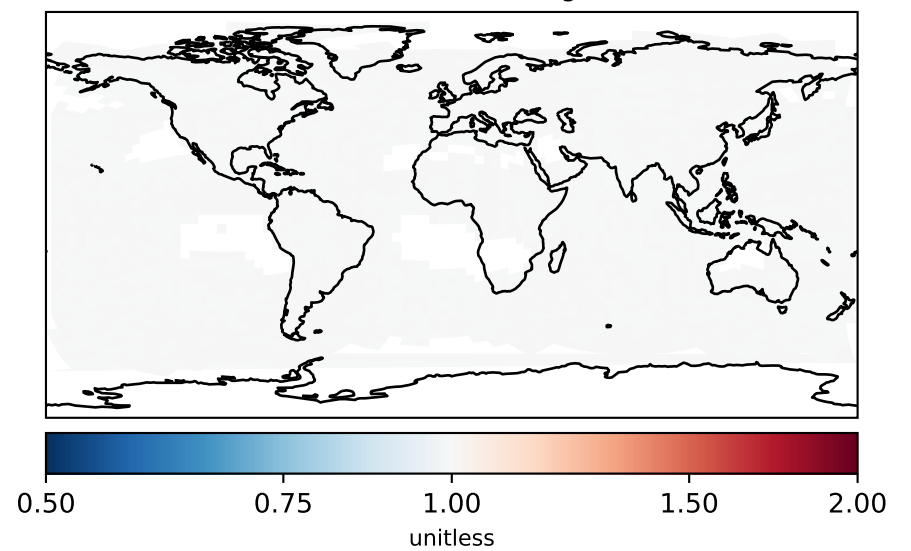
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

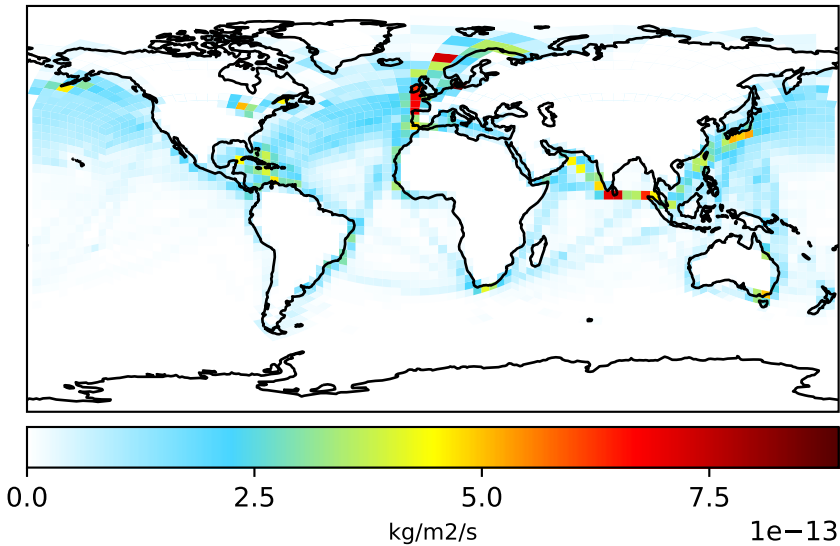


Ratio
Dev/Ref, Fixed Range

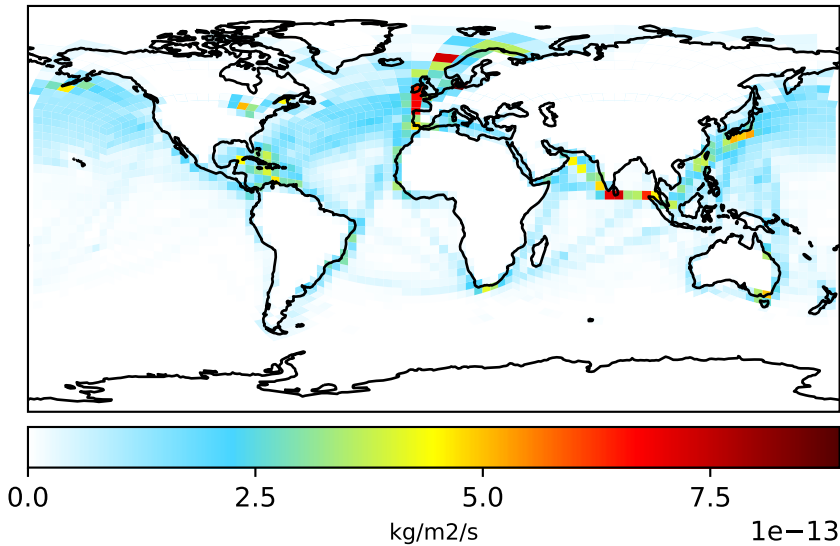


EmisNO_Ship

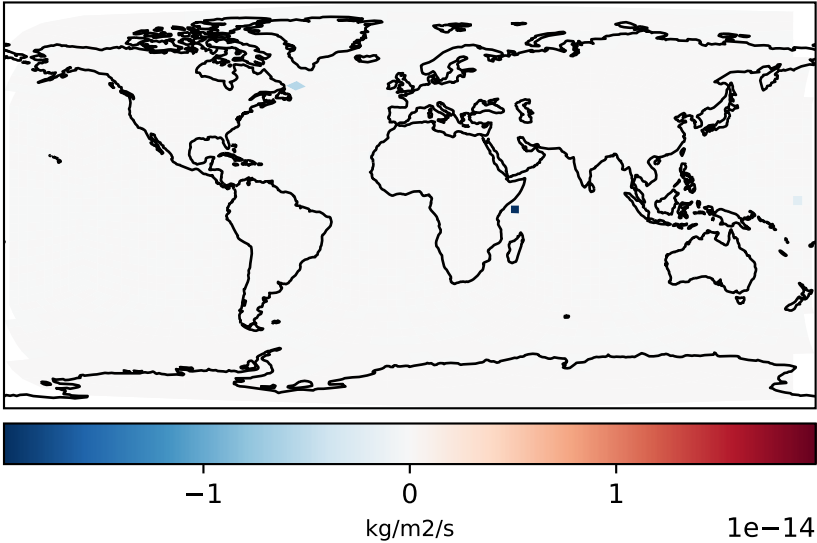
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



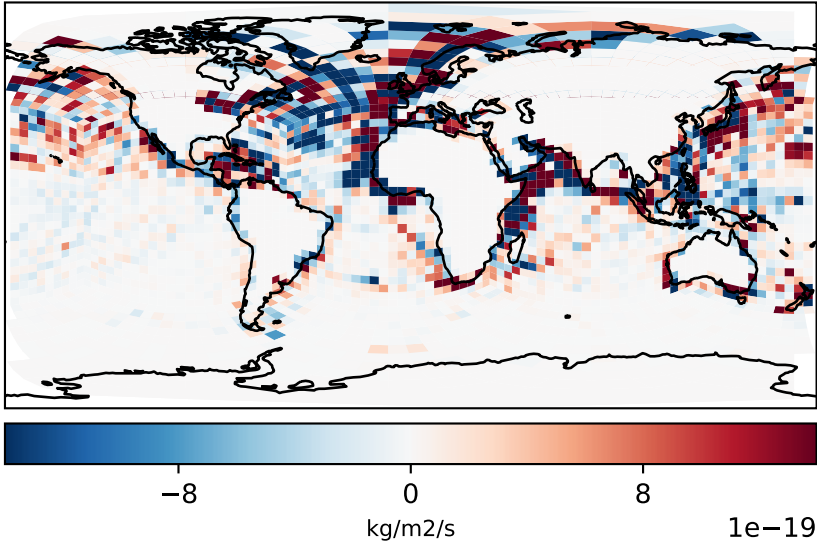
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



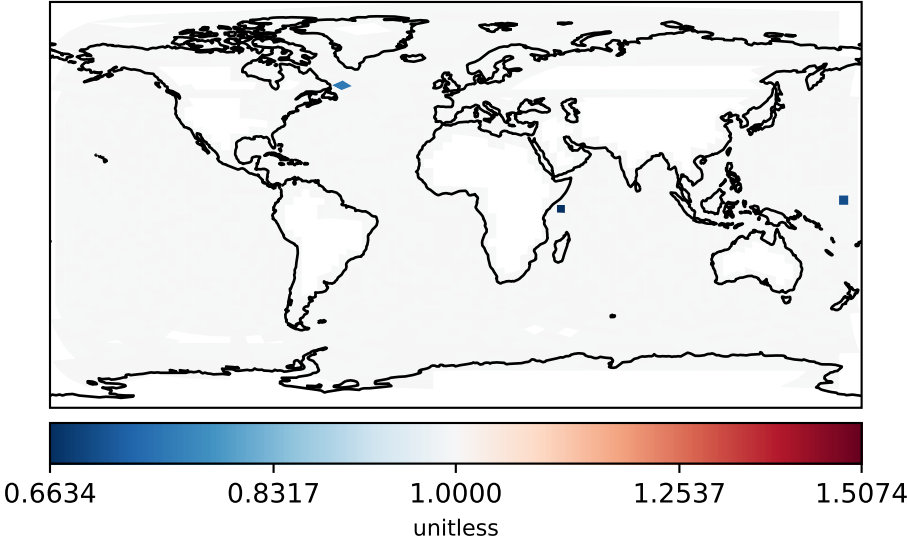
Difference
Dev - Ref, Dynamic Range



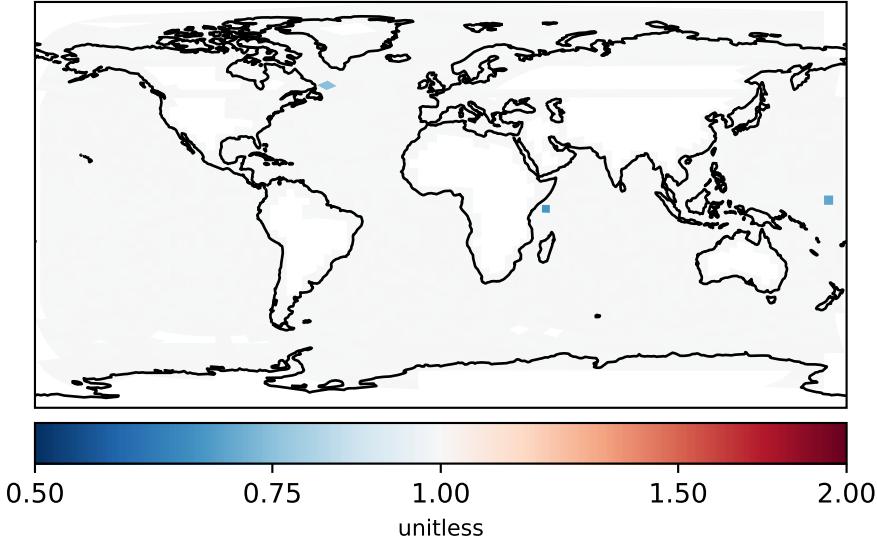
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

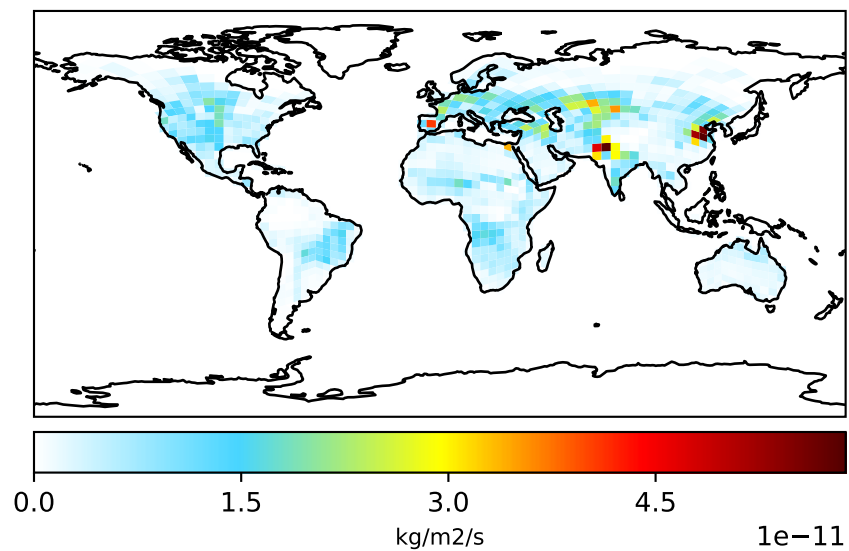


Ratio
Dev/Ref, Fixed Range

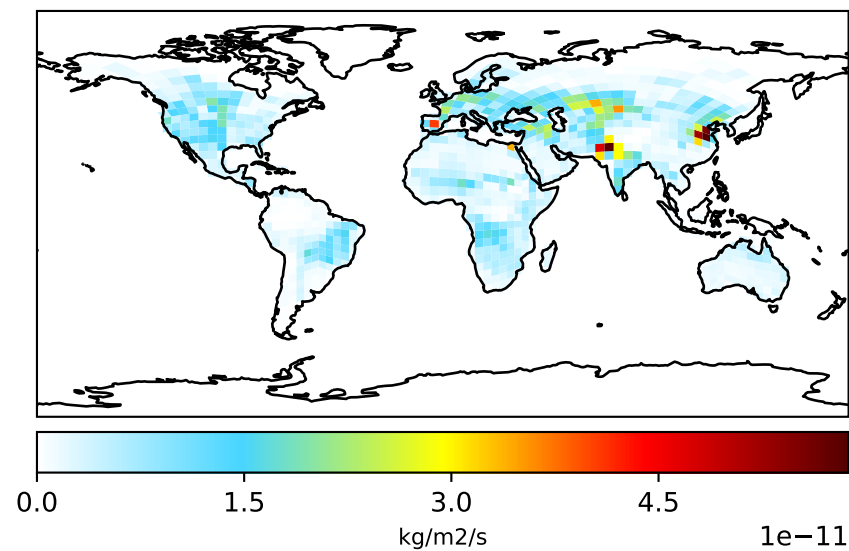


EmisNO_Soil

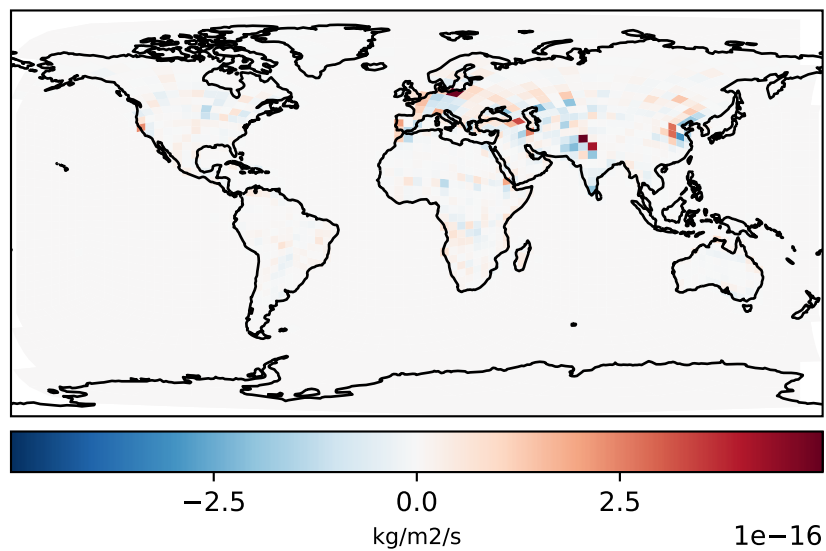
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



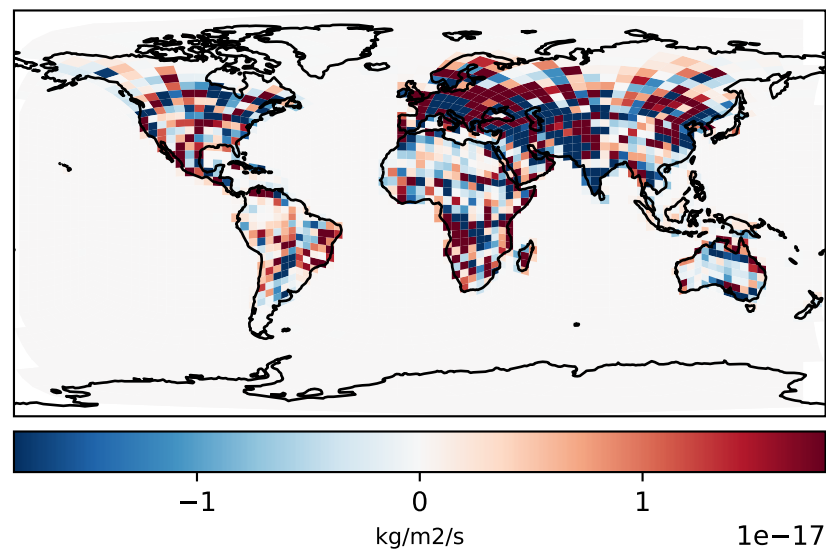
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



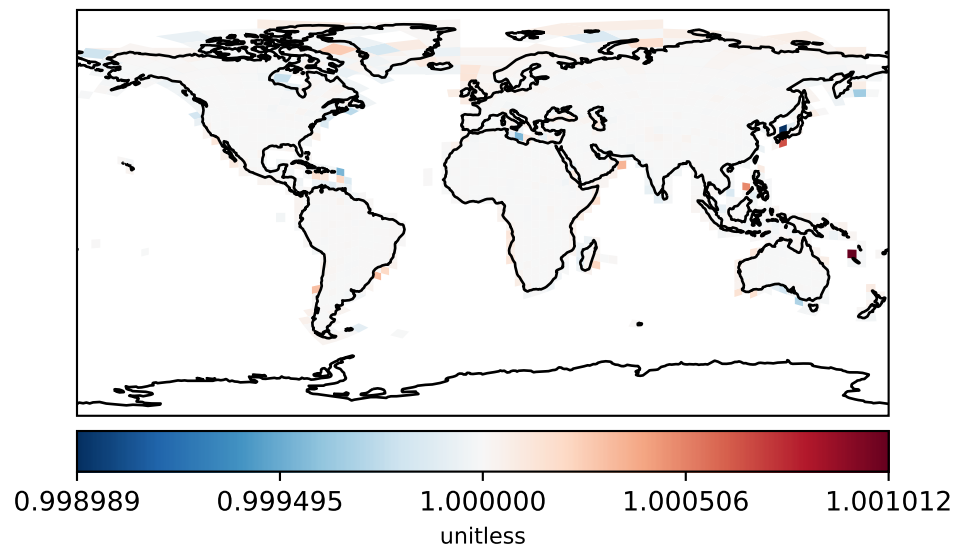
Difference
Dev - Ref, Dynamic Range



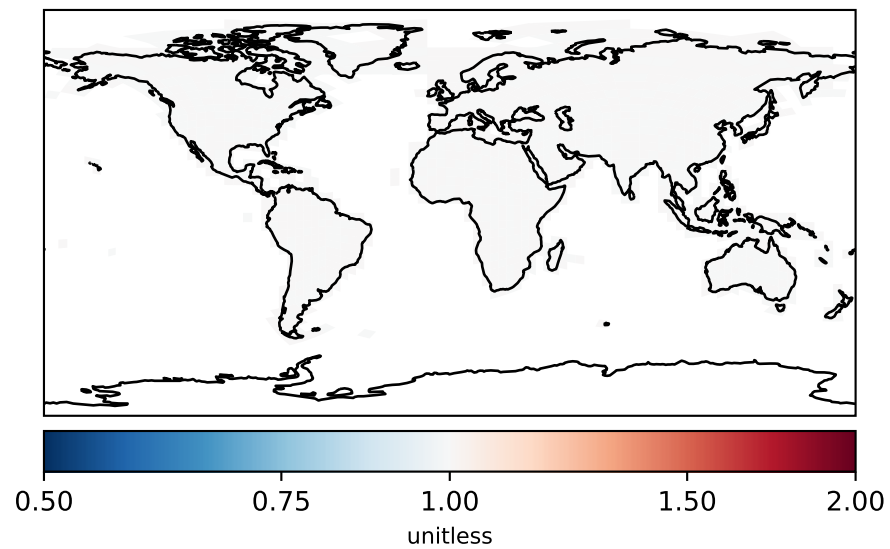
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

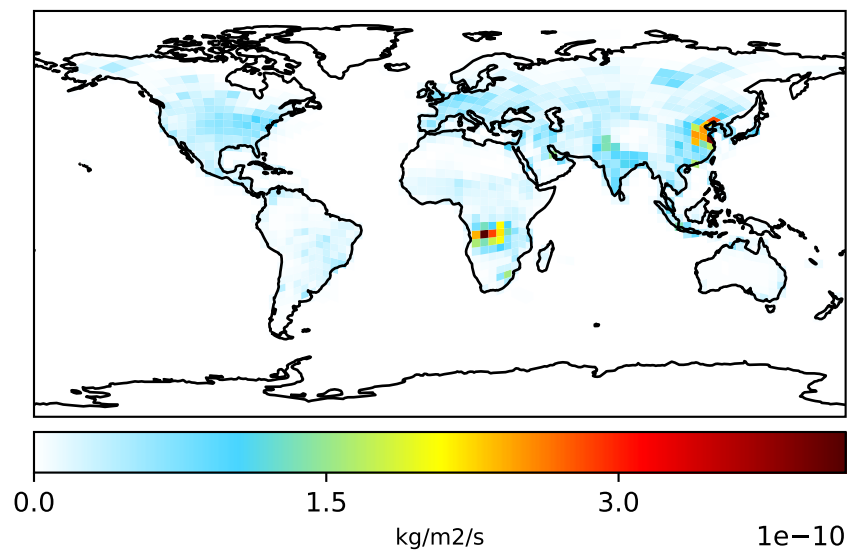


Ratio
Dev/Ref, Fixed Range

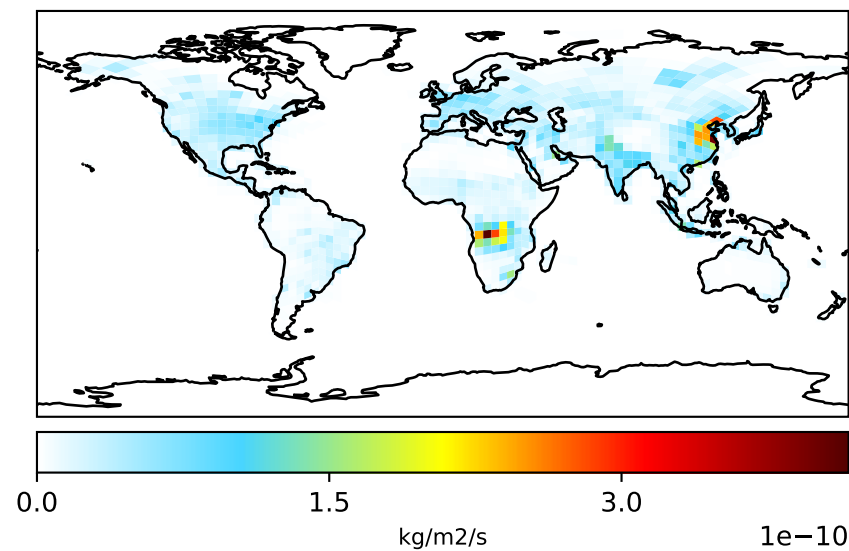


EmisNO_Total

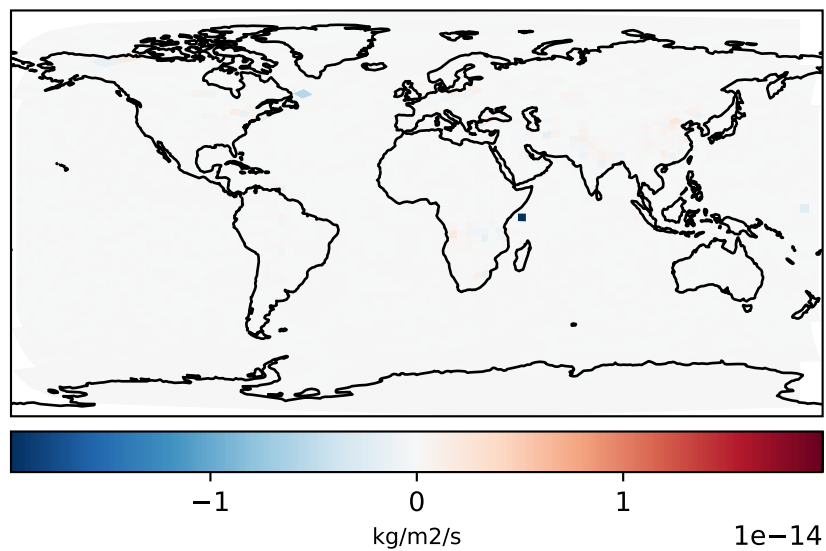
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



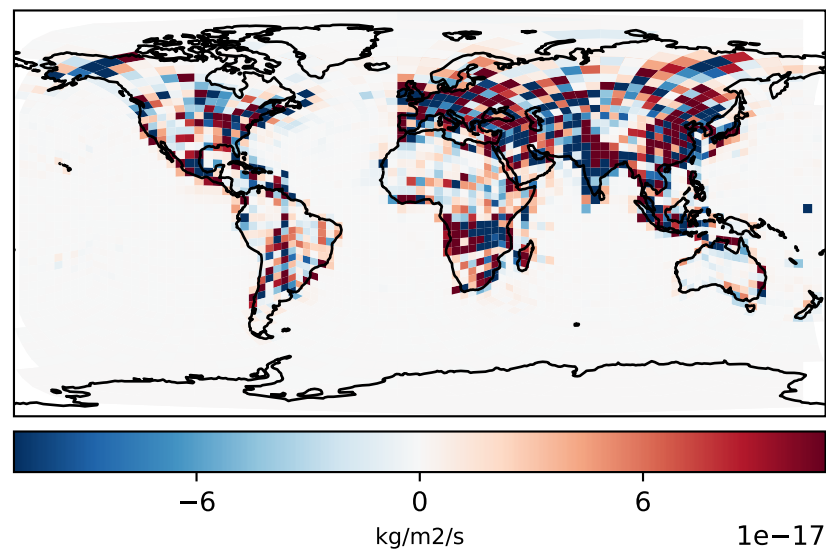
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



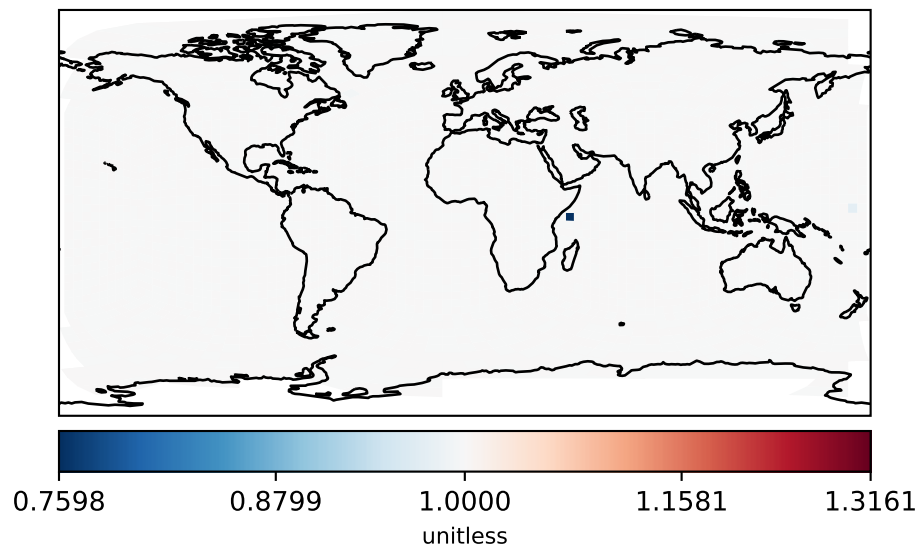
Difference
Dev - Ref, Dynamic Range



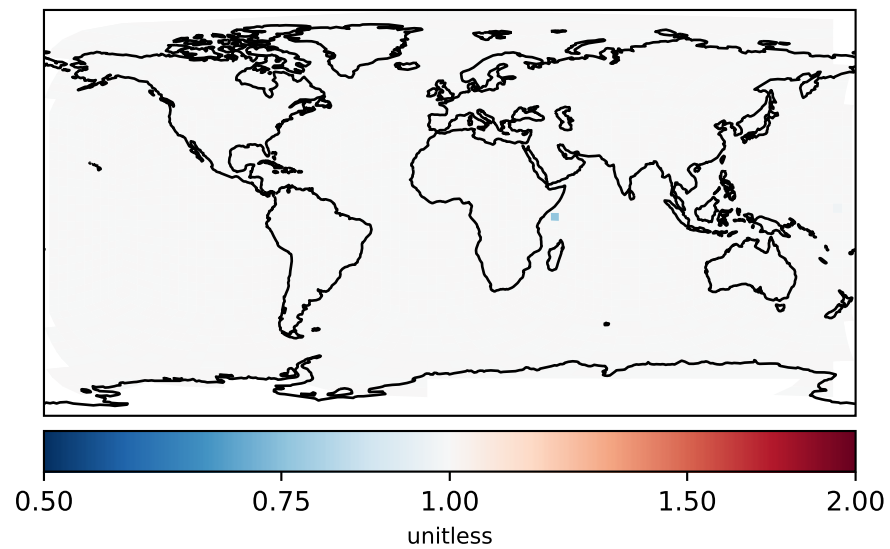
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

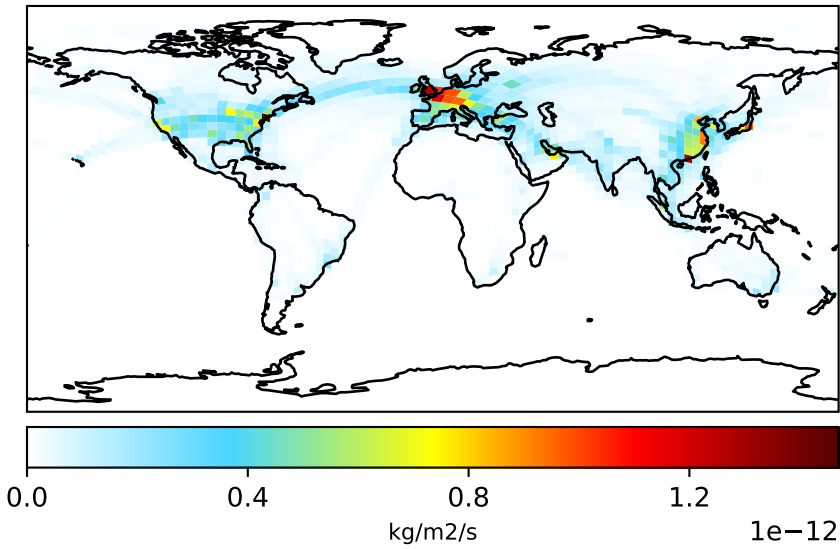


Ratio
Dev/Ref, Fixed Range

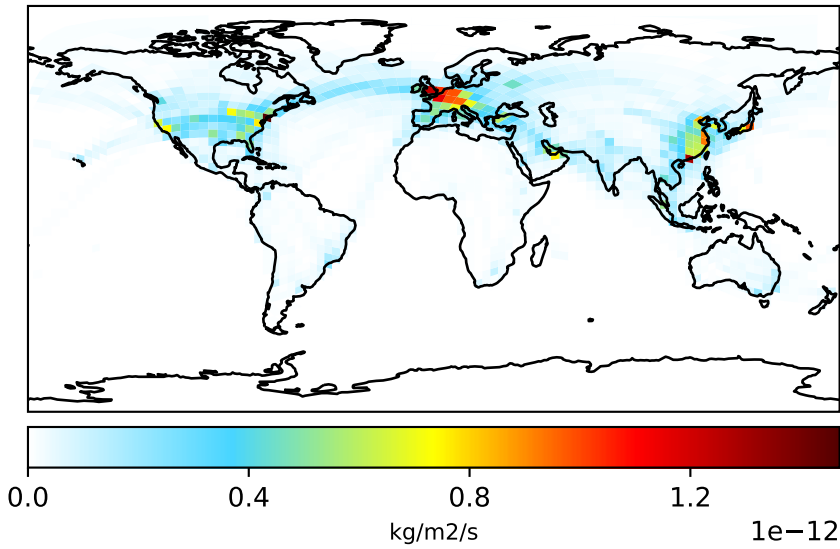


EmisNO2_Aircraft

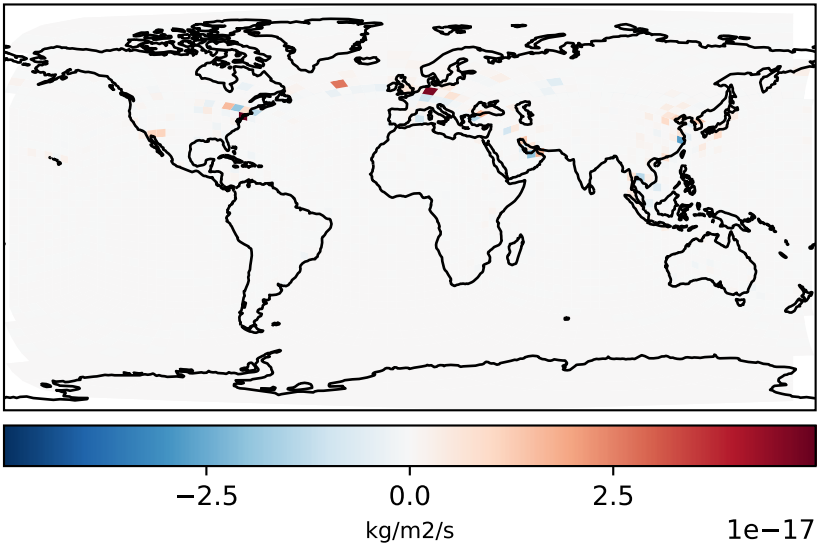
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



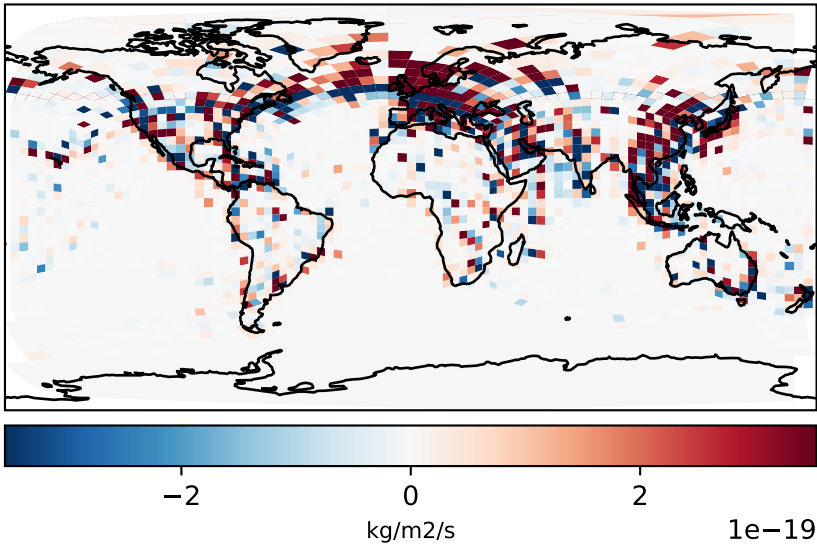
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



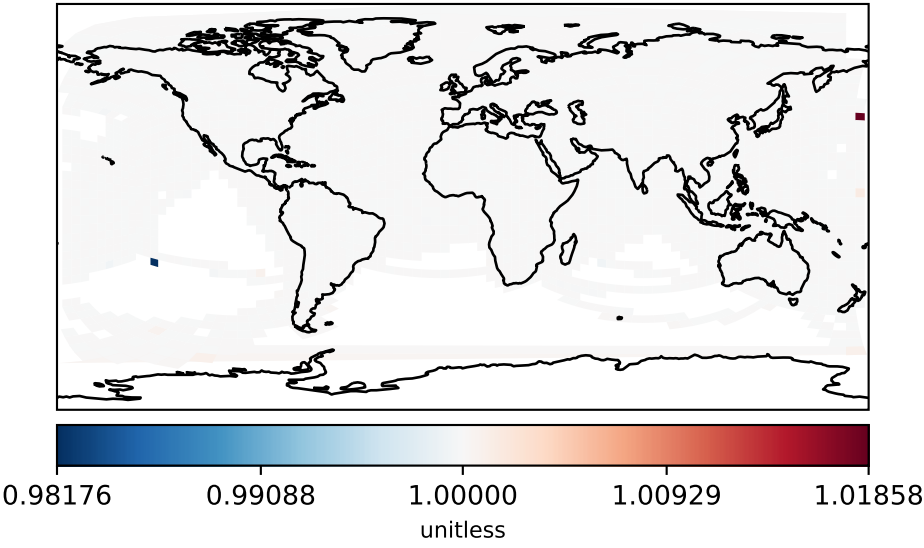
Difference
Dev - Ref, Dynamic Range



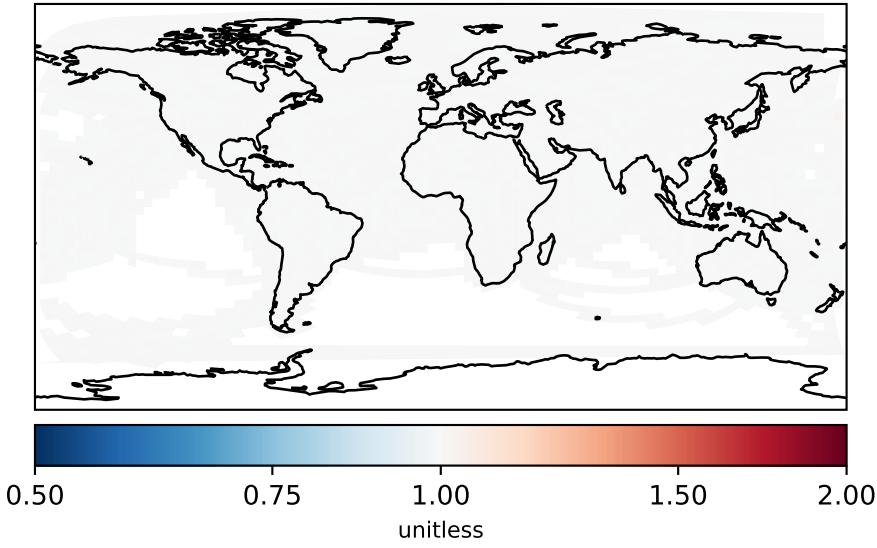
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

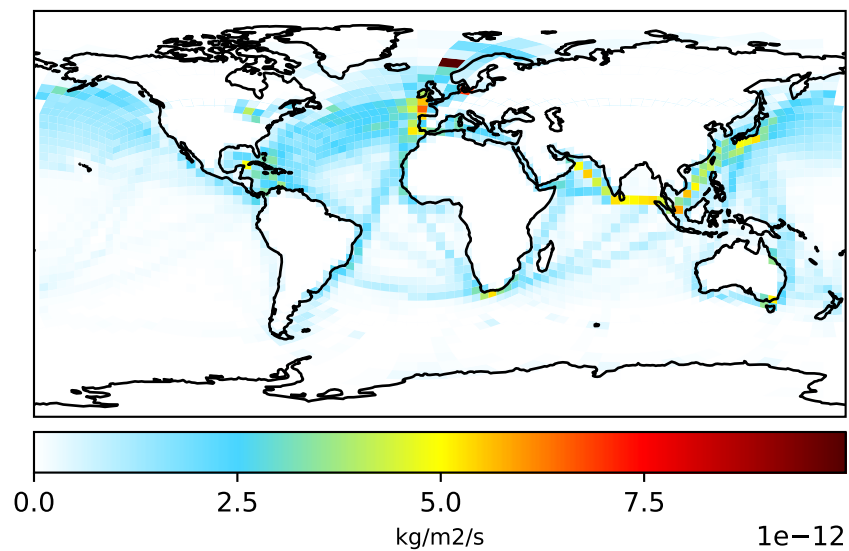


Ratio
Dev/Ref, Fixed Range

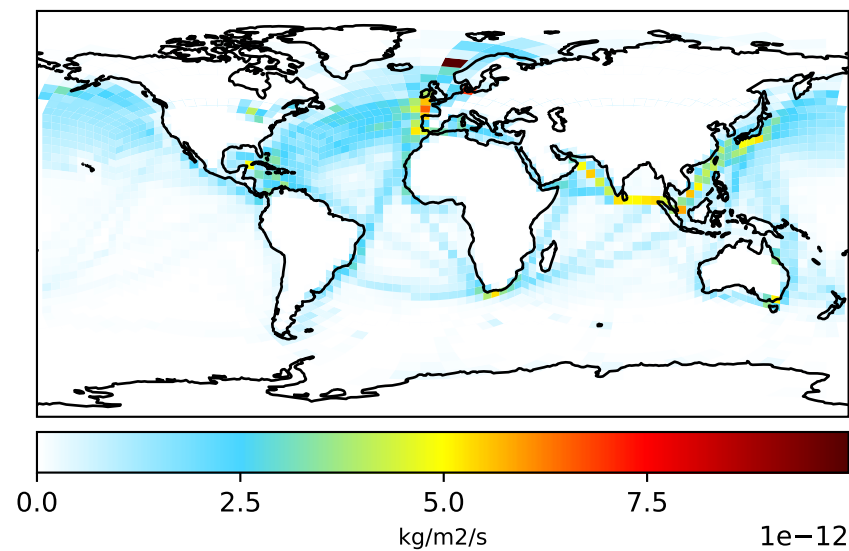


EmisNO2_Ship

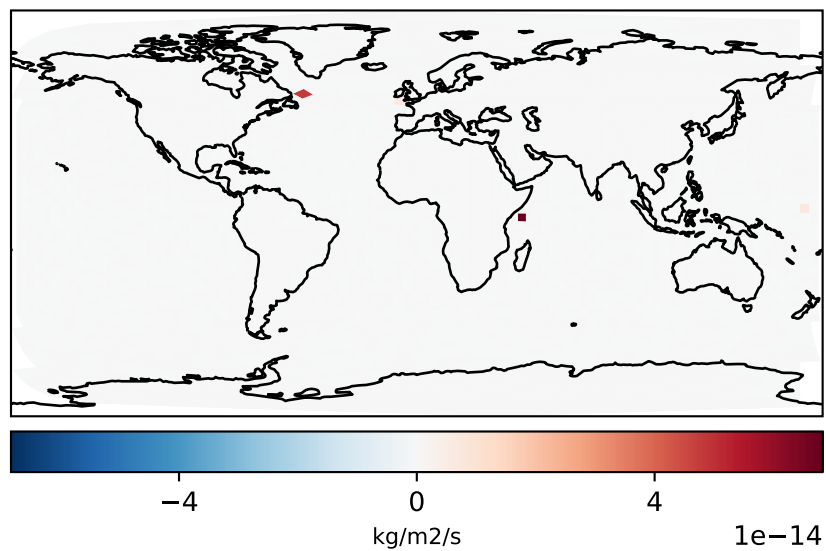
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



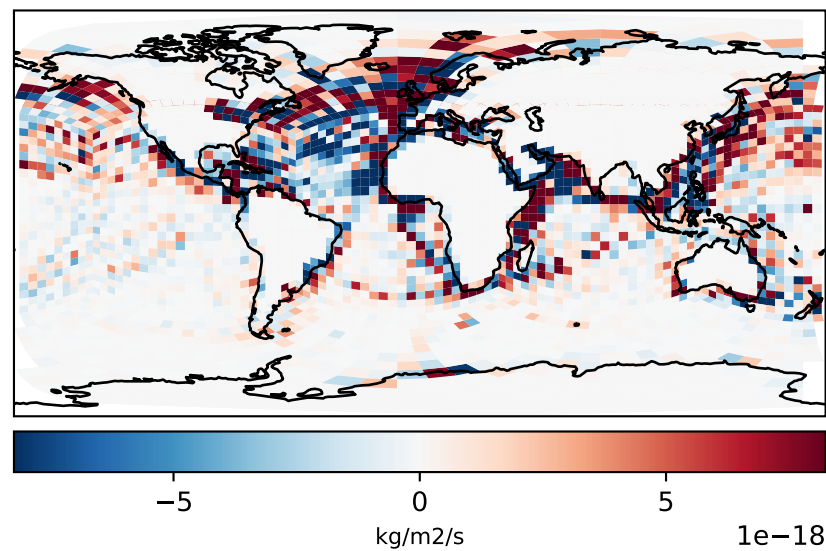
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



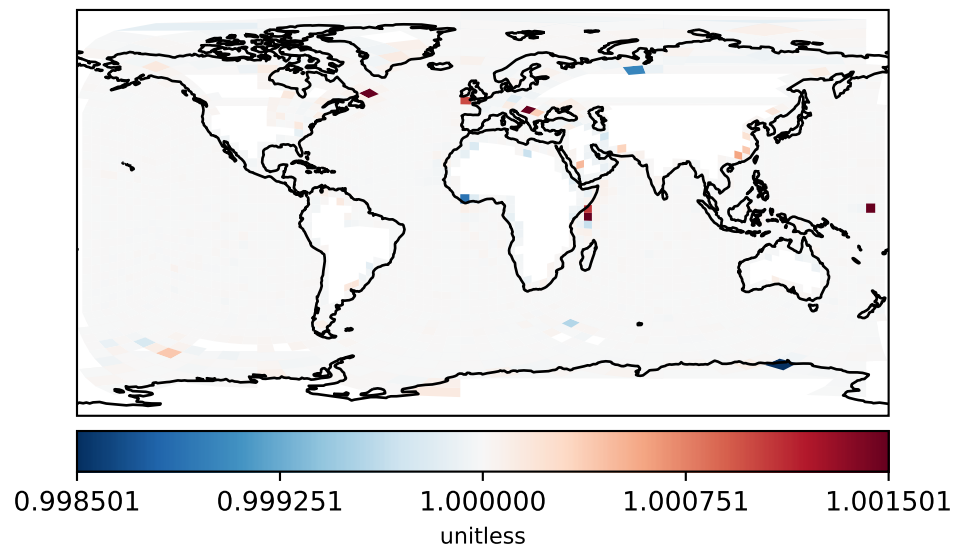
Difference
Dev - Ref, Dynamic Range



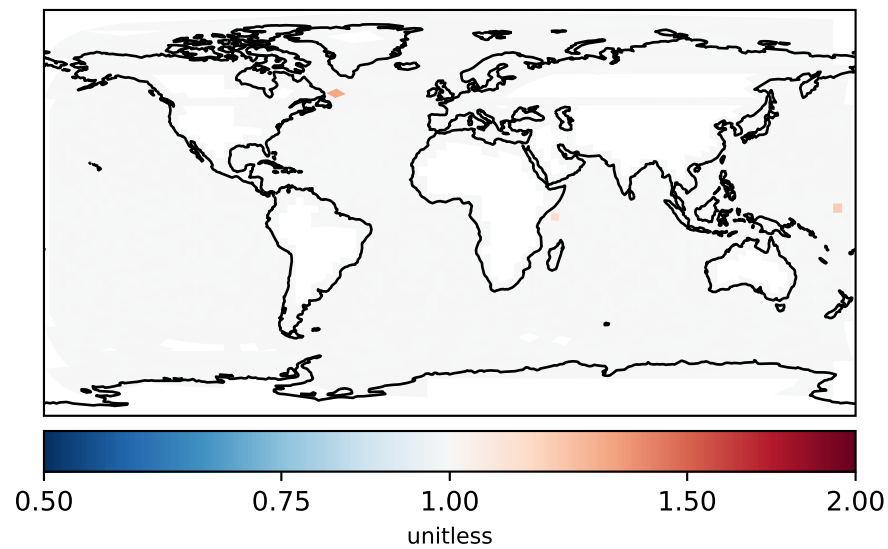
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

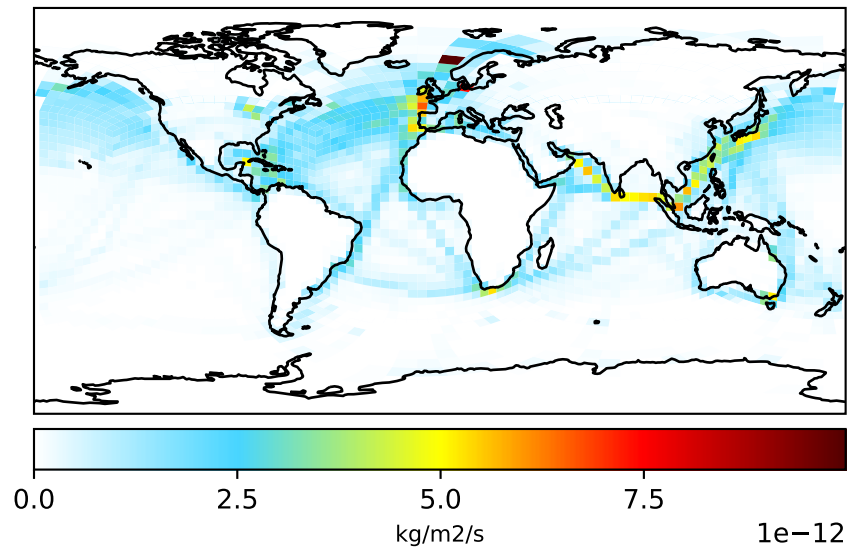


Ratio
Dev/Ref, Fixed Range

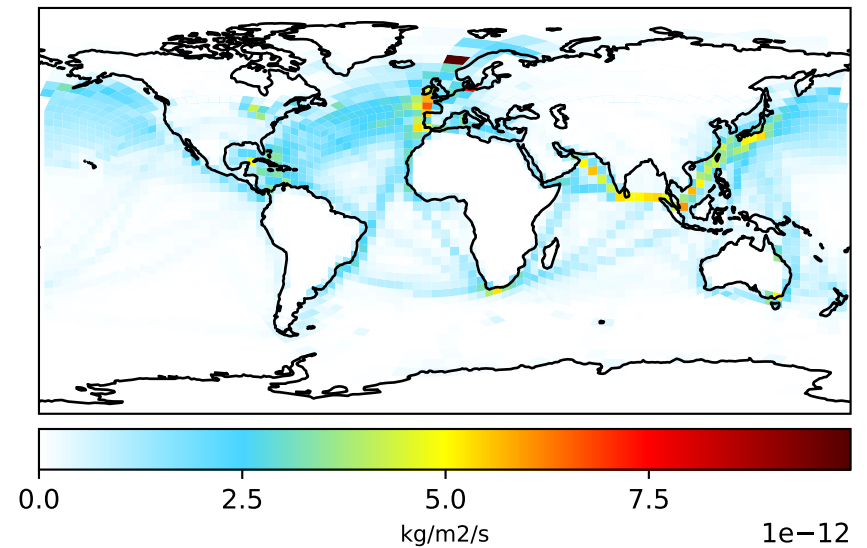


EmisNO2_Total

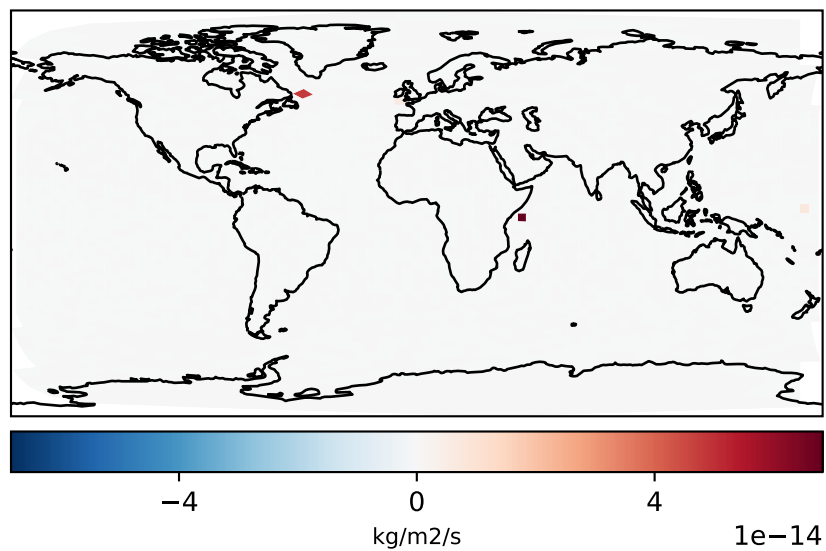
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



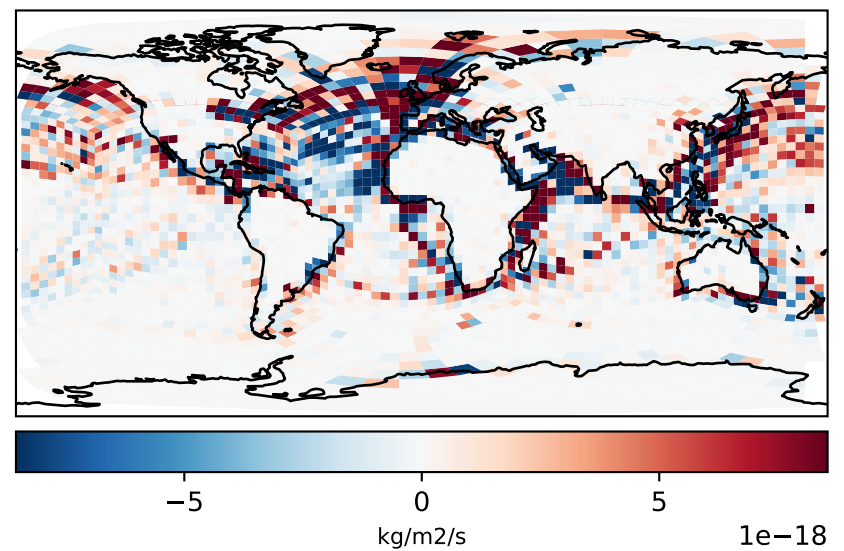
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



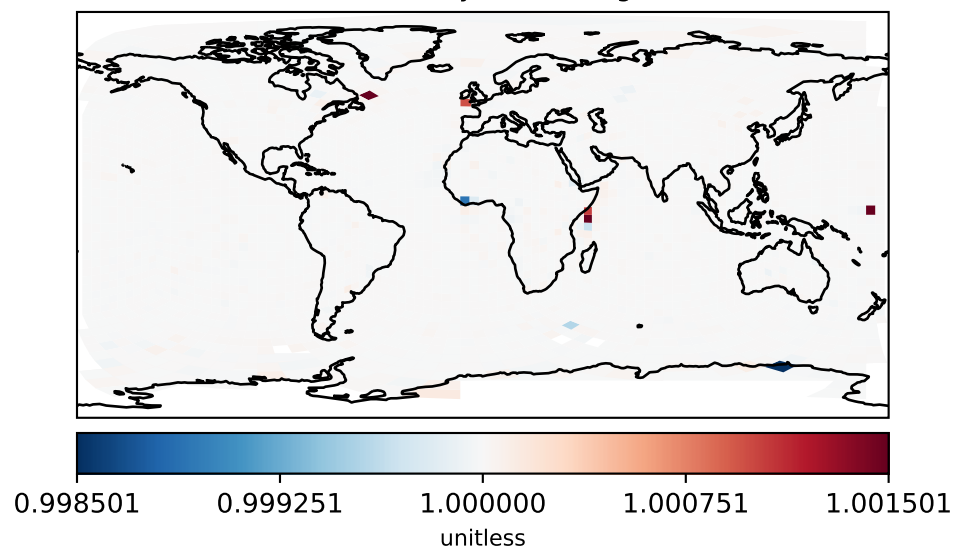
Difference
Dev - Ref, Dynamic Range



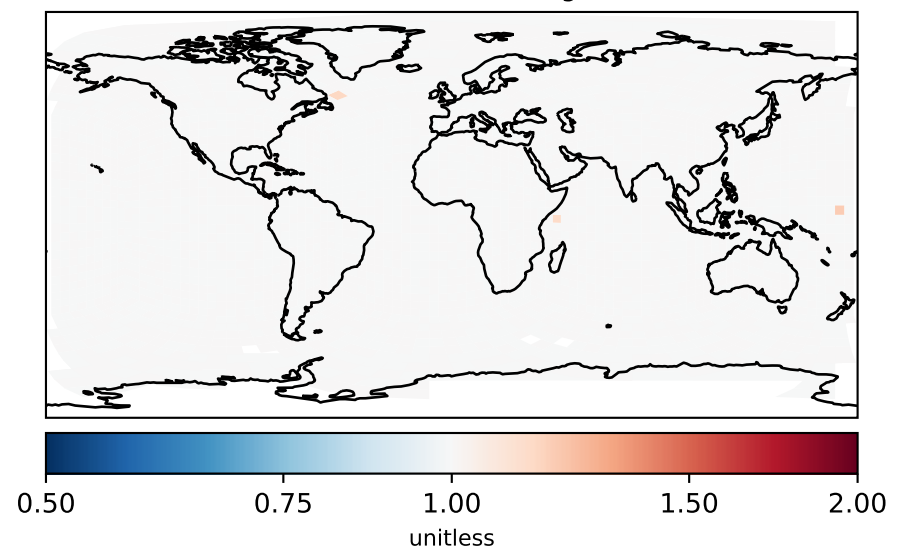
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

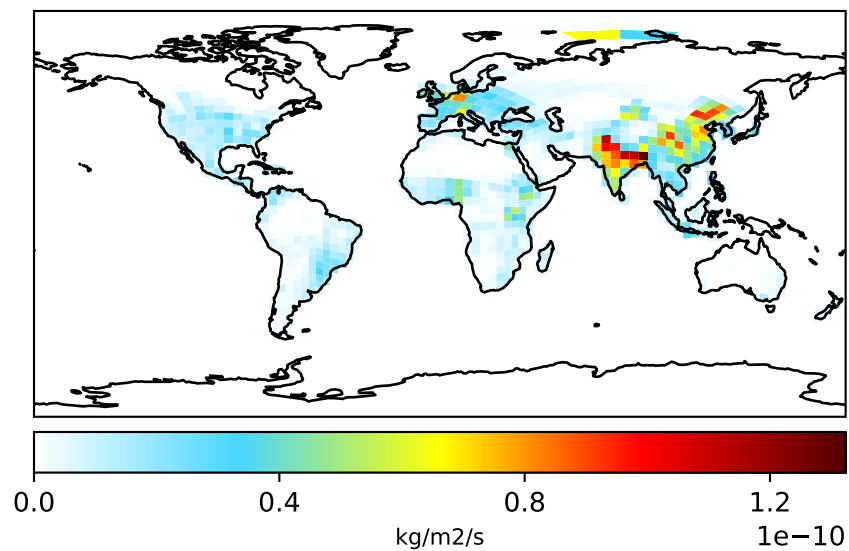


Ratio
Dev/Ref, Fixed Range

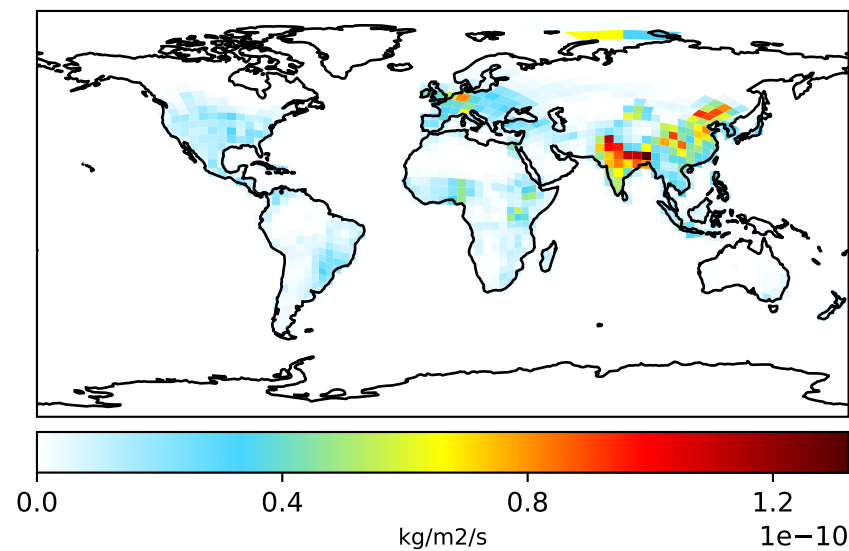


EmisNH3_Anthro

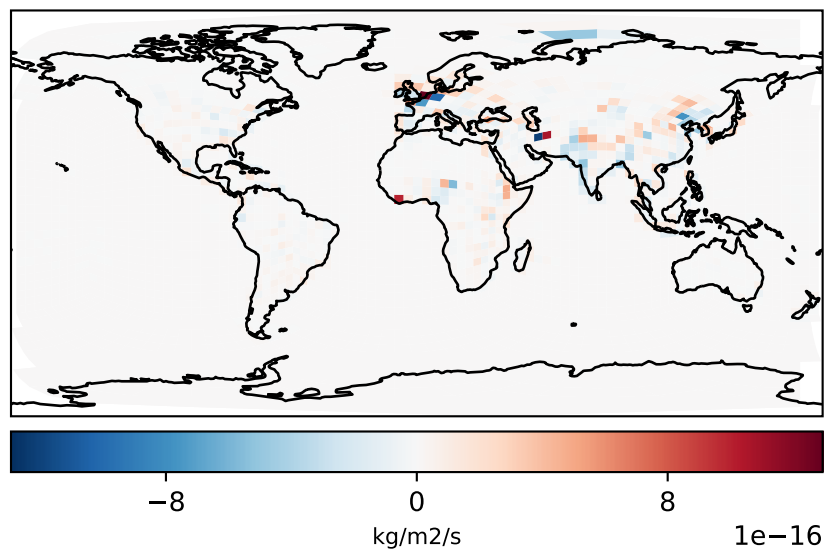
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



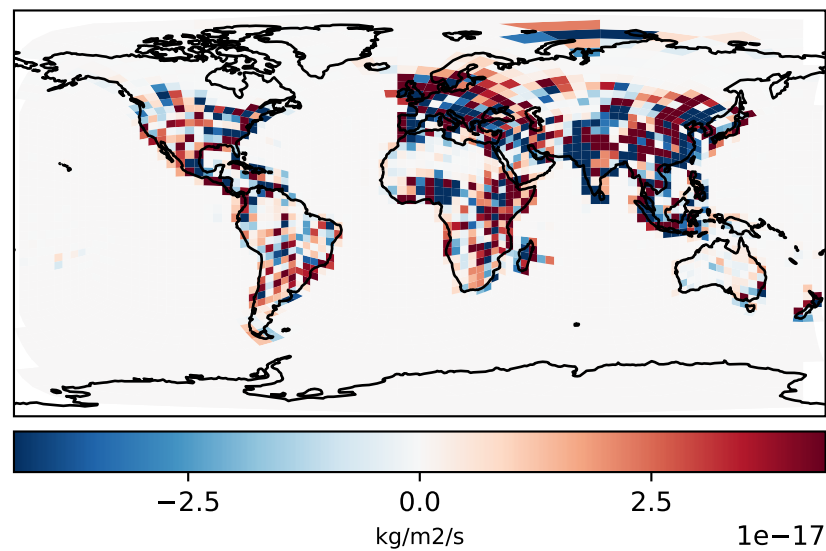
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



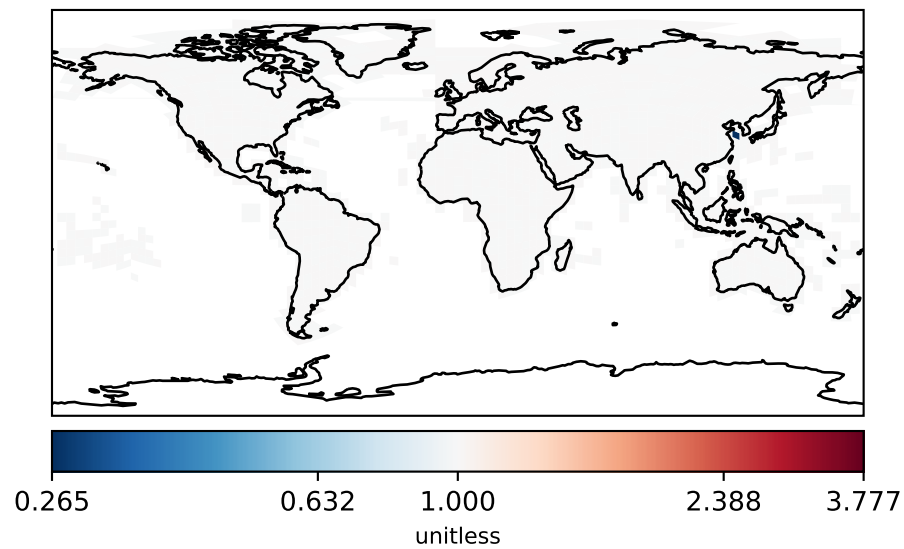
Difference
Dev - Ref, Dynamic Range



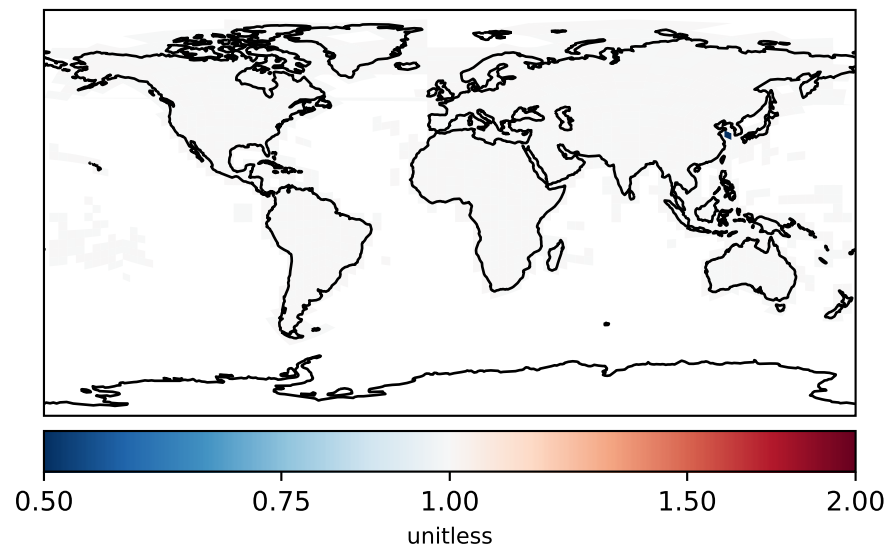
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

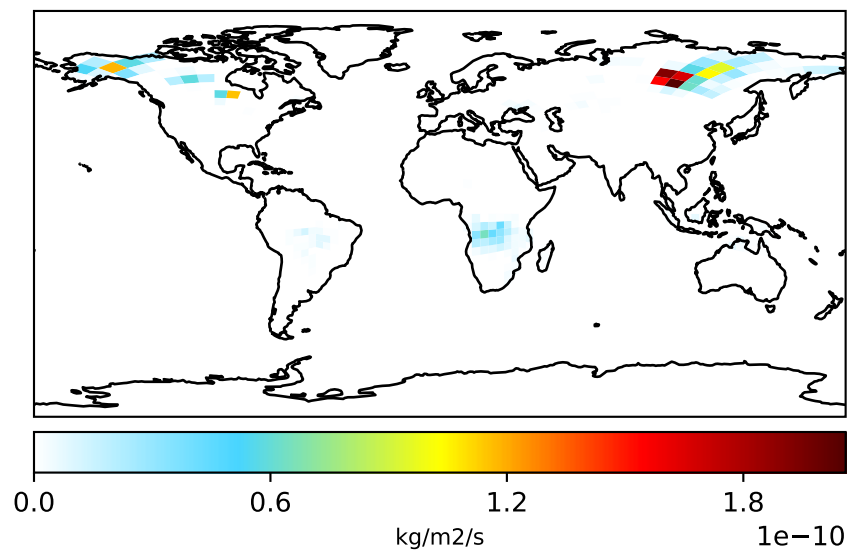


Ratio
Dev/Ref, Fixed Range

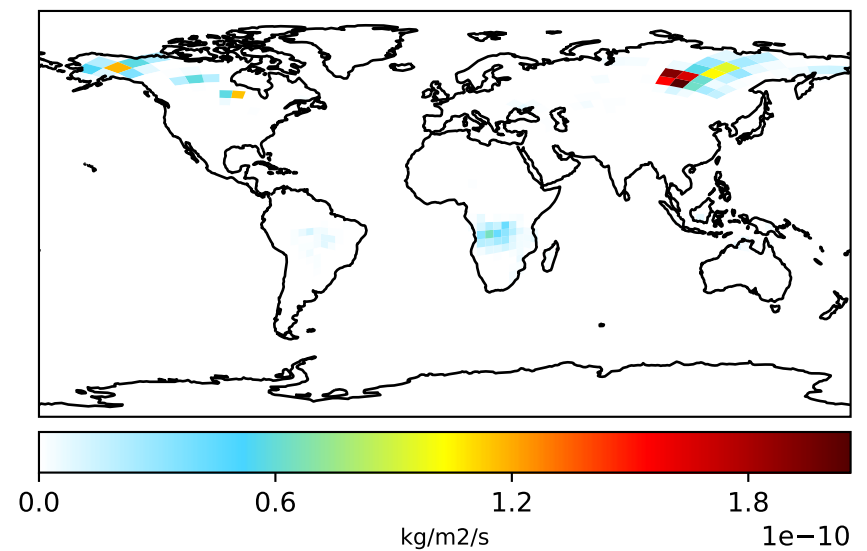


EmisNH3_BioBurn

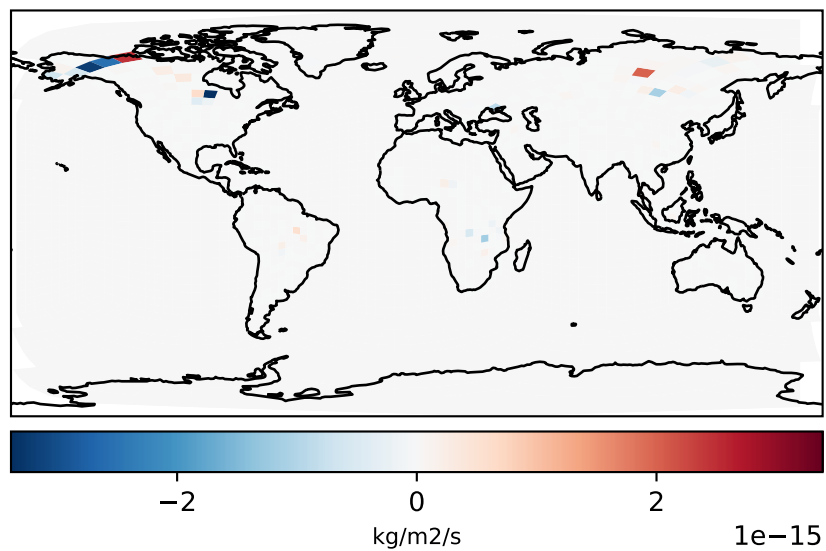
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



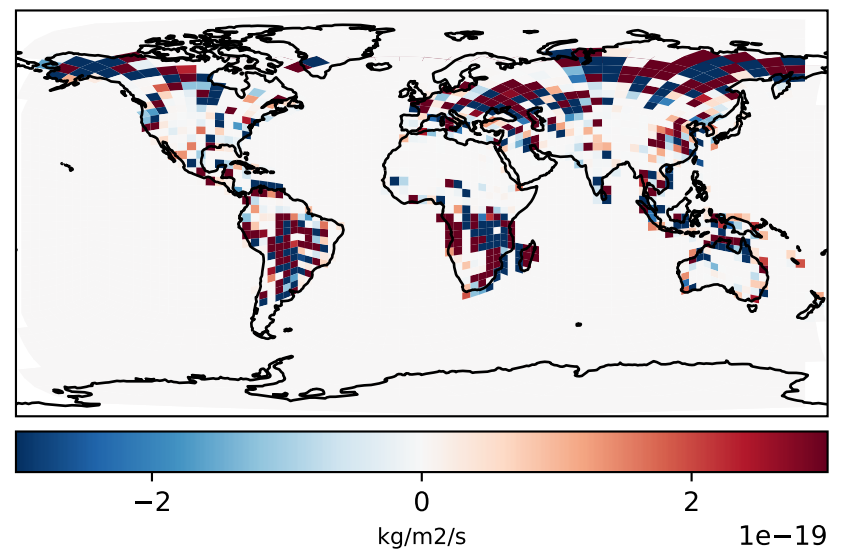
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



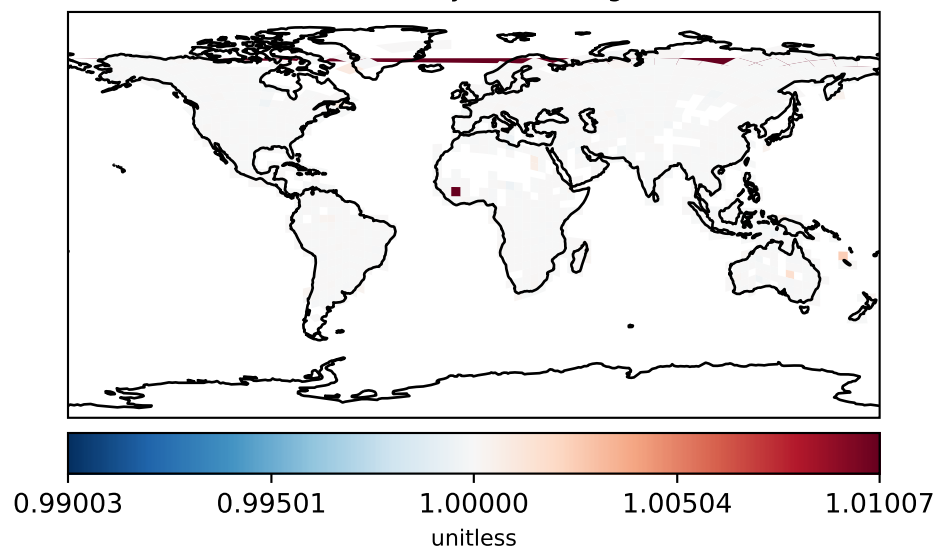
Difference
Dev - Ref, Dynamic Range



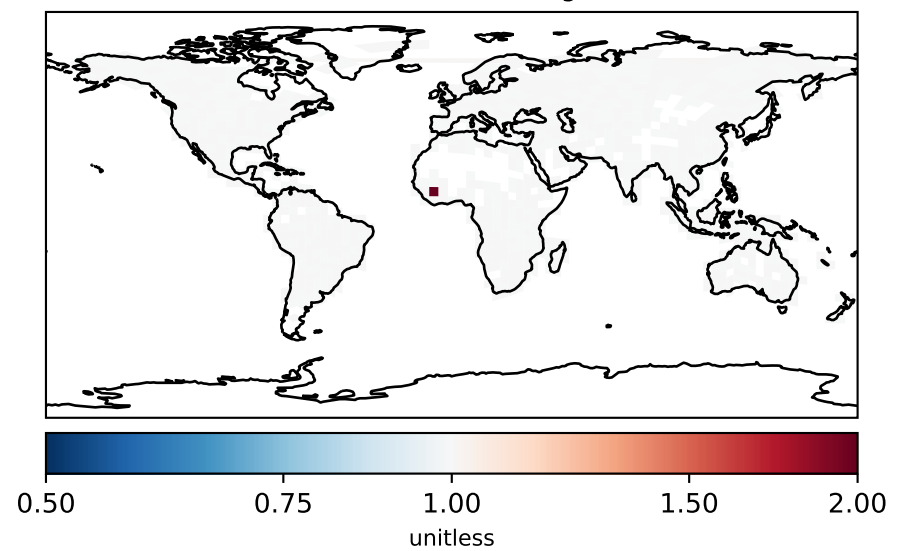
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

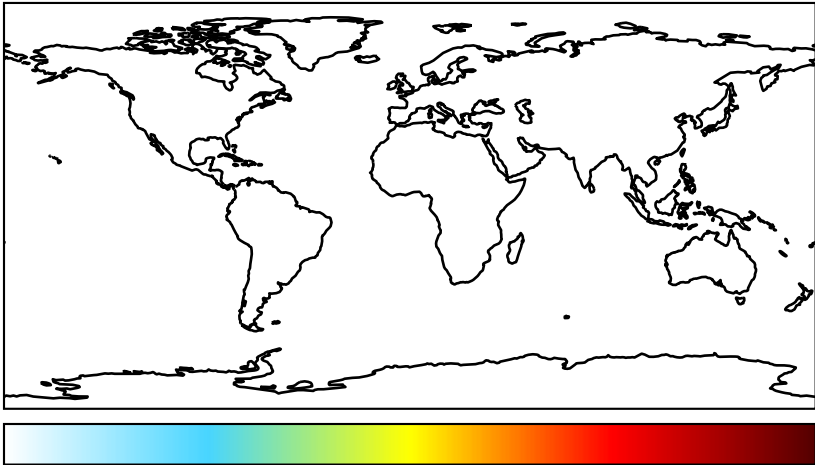


Ratio
Dev/Ref, Fixed Range



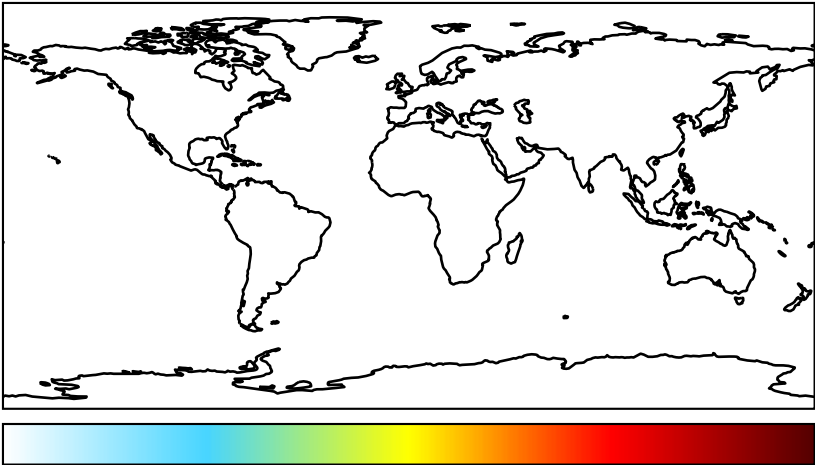
EmisNH3_Natural

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



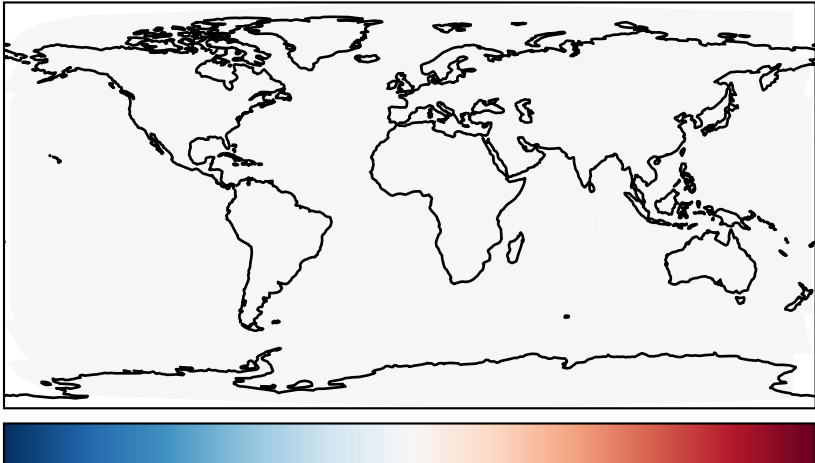
Zero throughout domain
kg/m2/s

gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



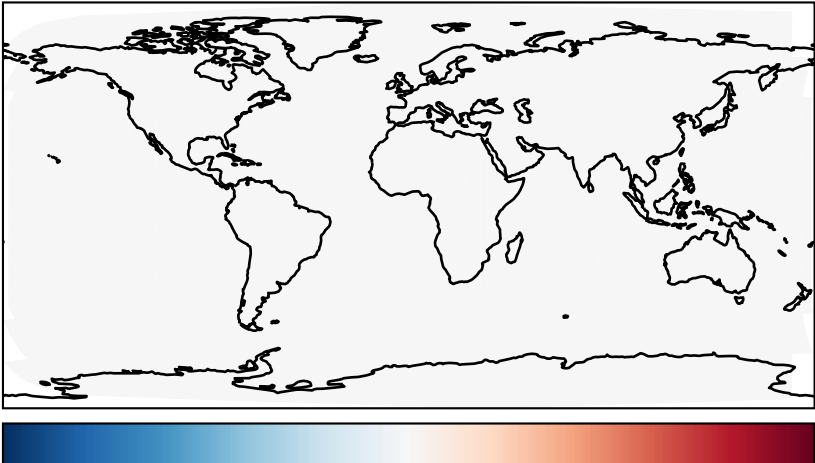
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



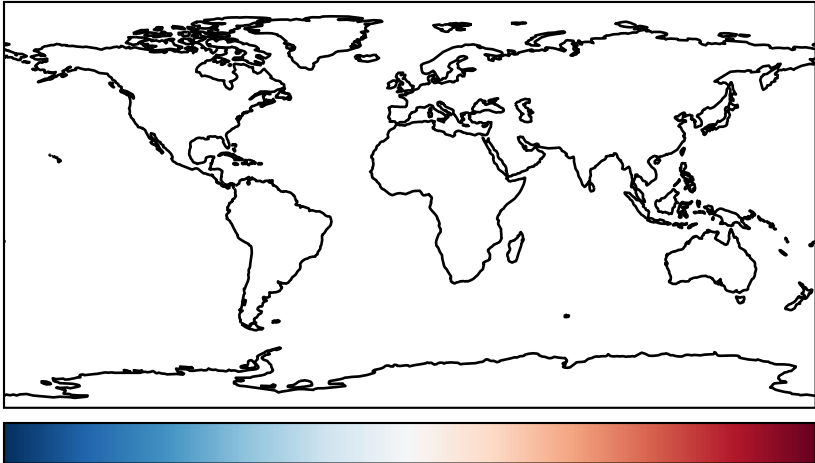
Zero throughout domain
kg/m2/s

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



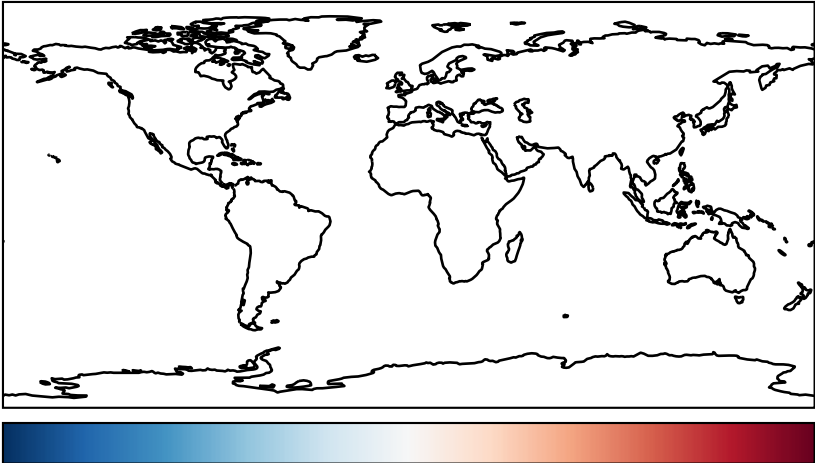
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

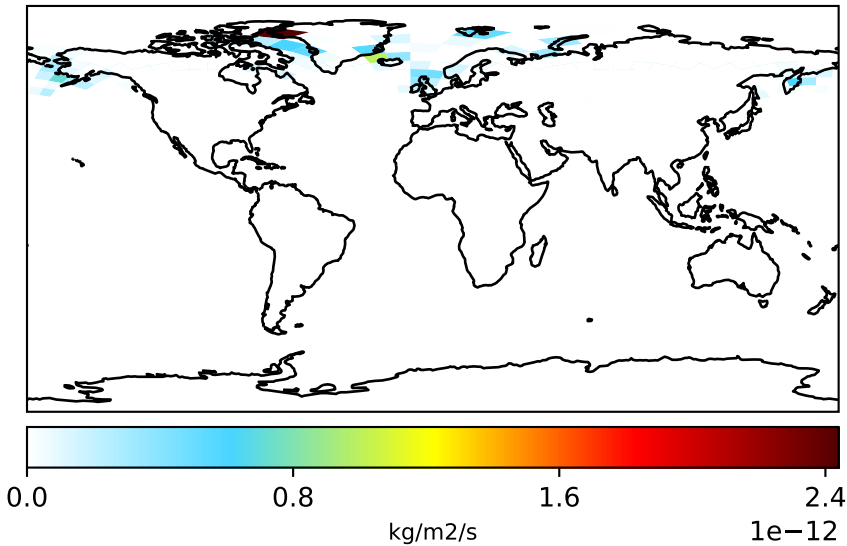
Ratio
Dev/Ref, Fixed Range



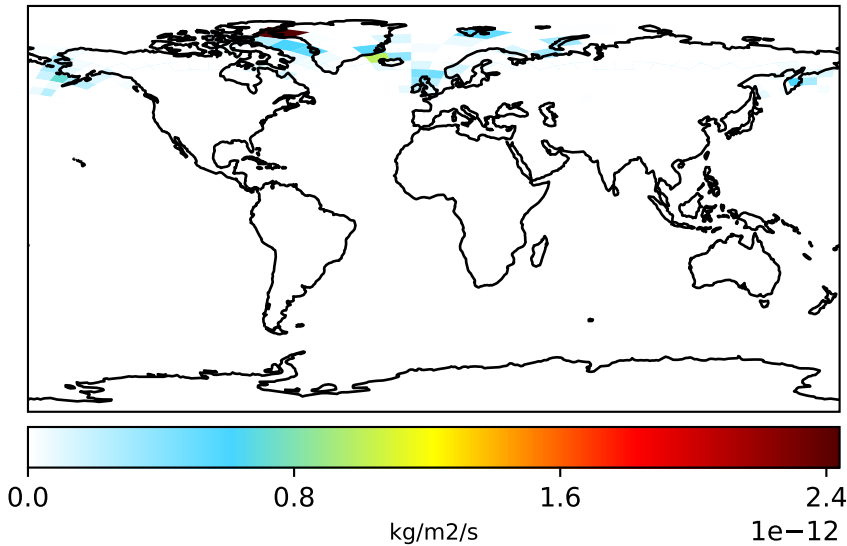
Undefined throughout domain
unitless

EmisNH3_Seabirds

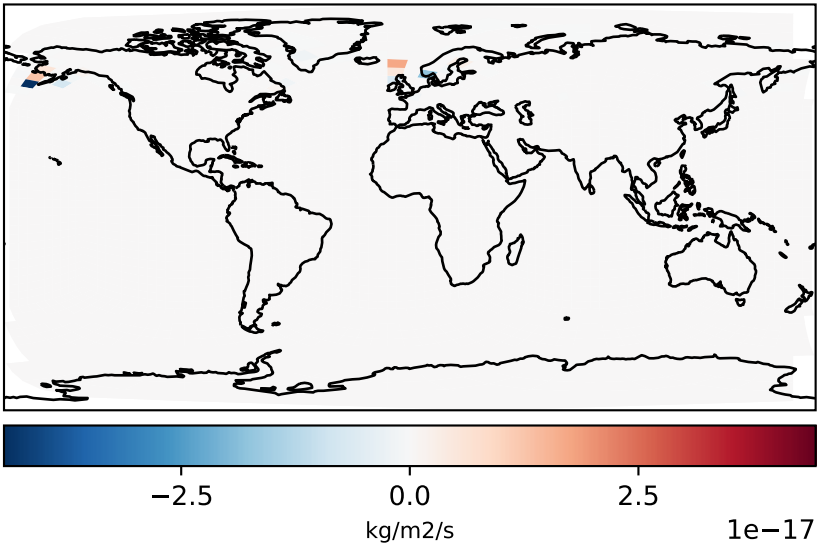
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



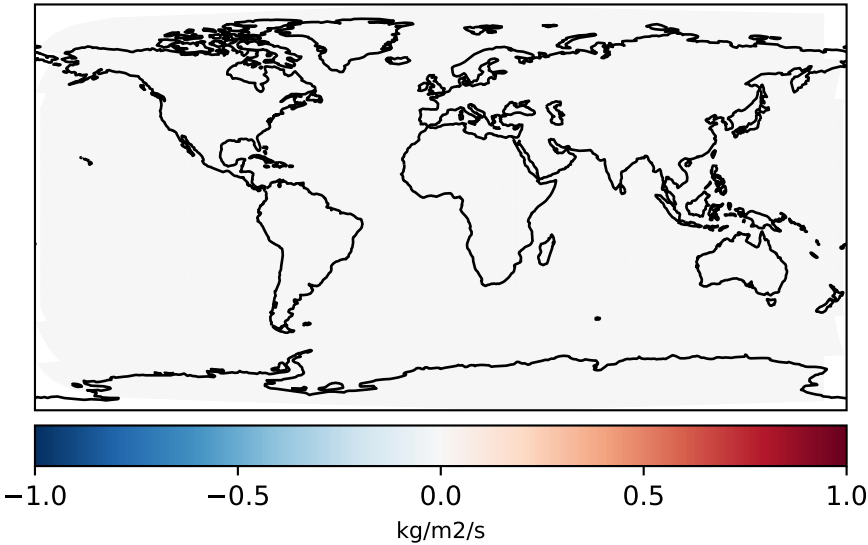
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



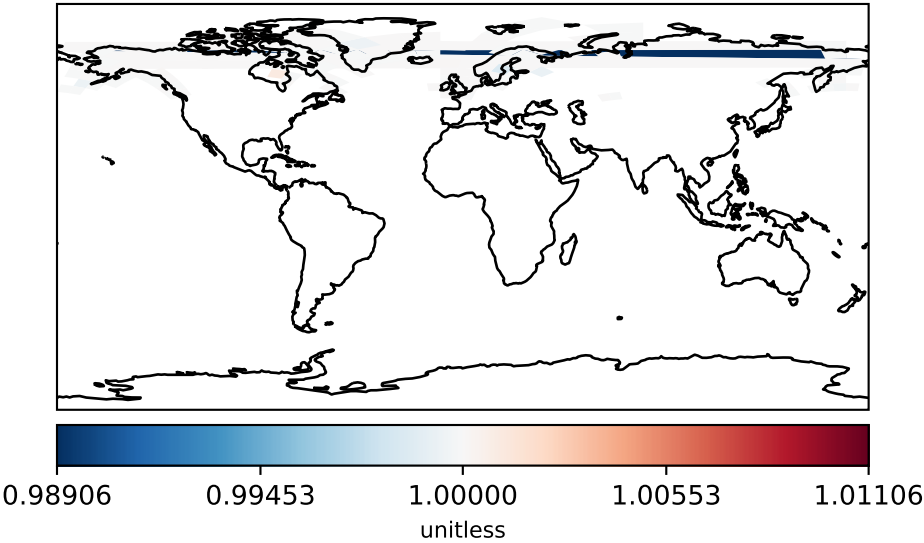
Difference
Dev - Ref, Dynamic Range



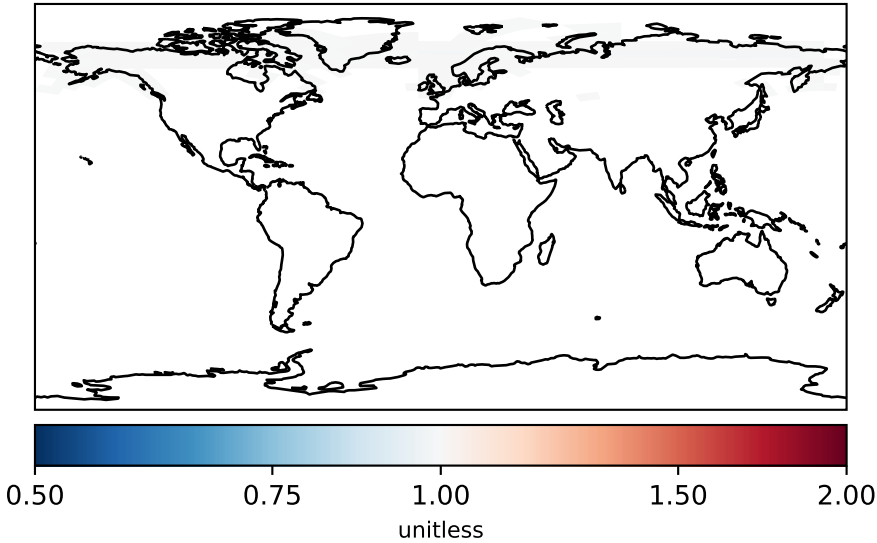
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

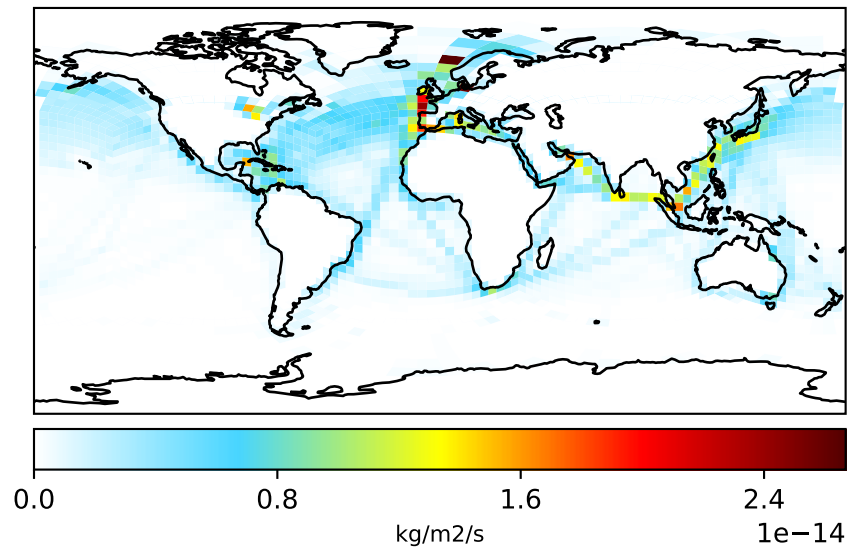


Ratio
Dev/Ref, Fixed Range

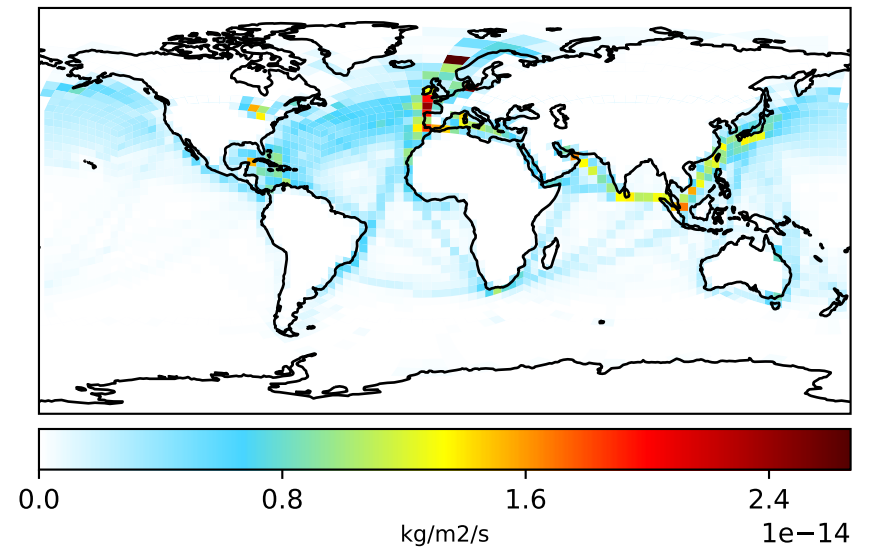


EmisNH3_Ship

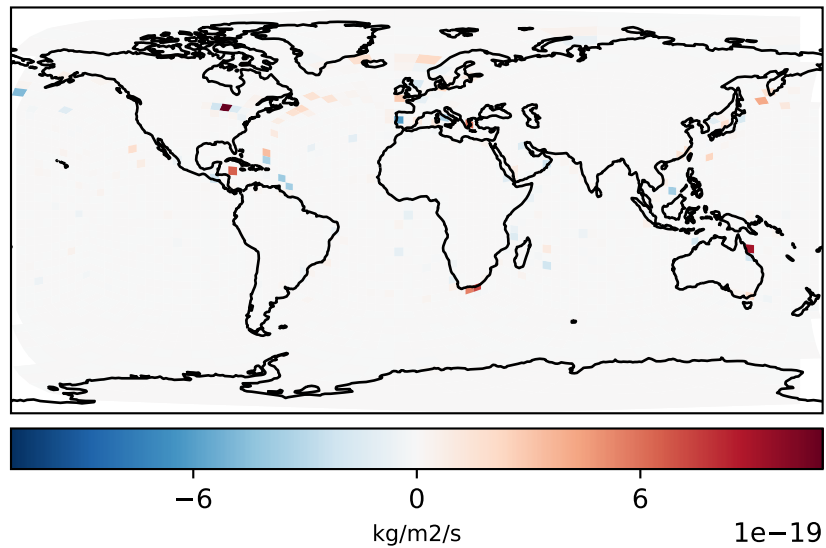
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



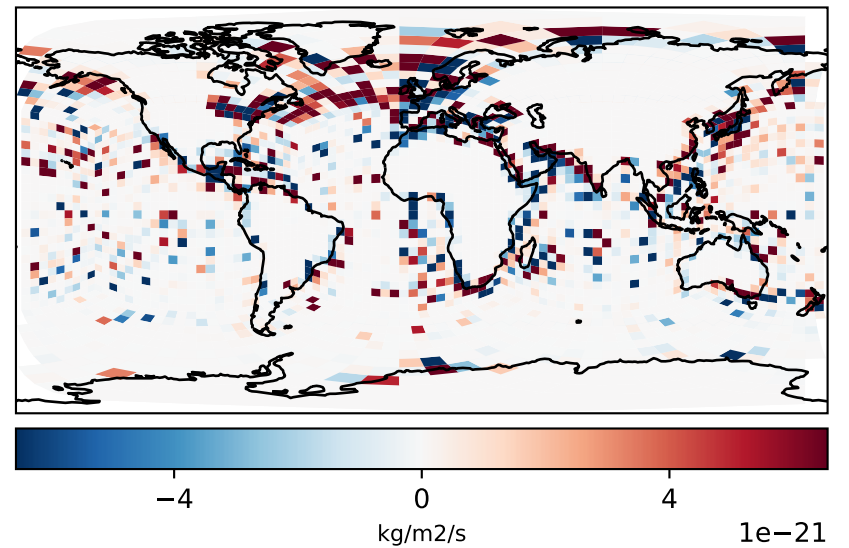
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



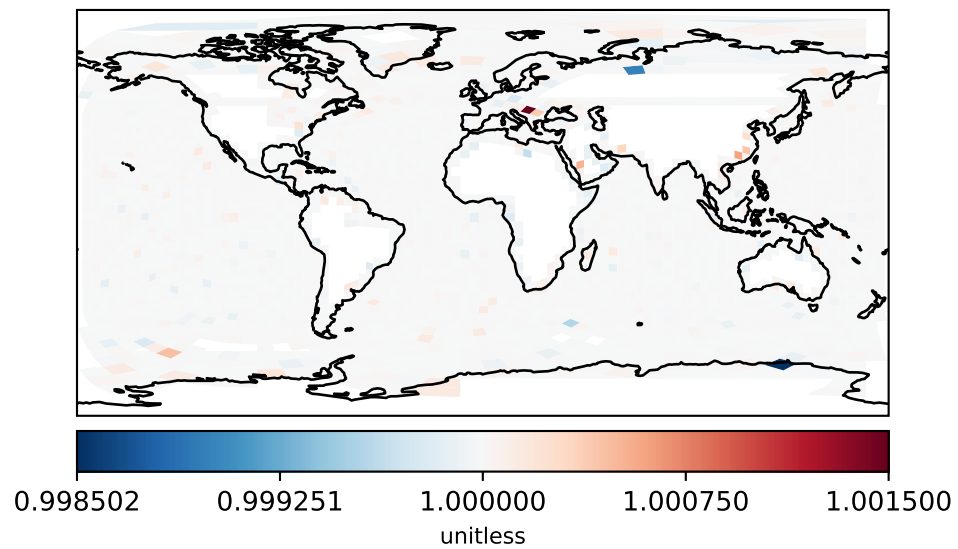
Difference
Dev - Ref, Dynamic Range



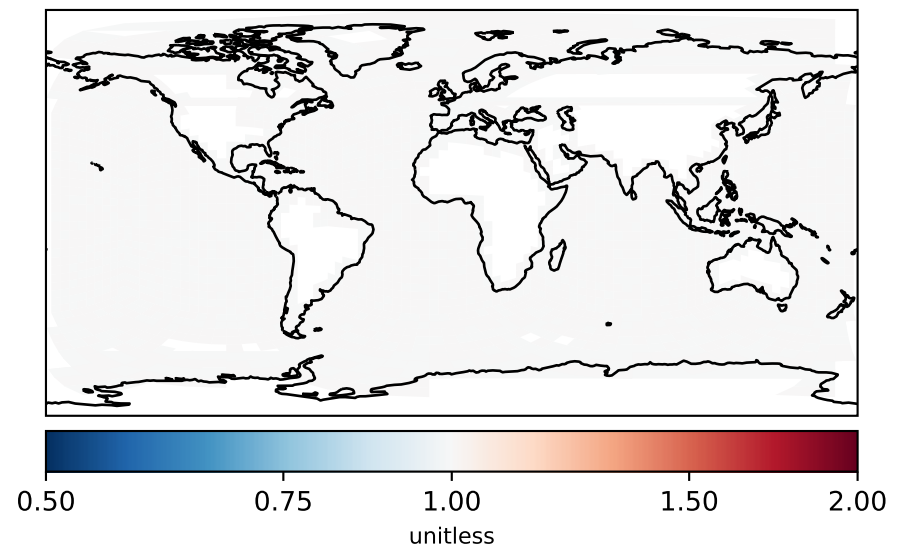
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

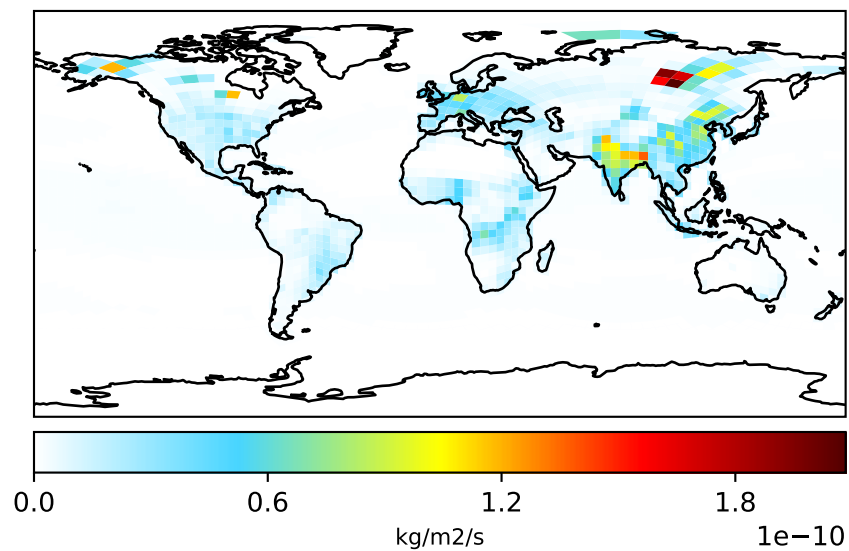


Ratio
Dev/Ref, Fixed Range

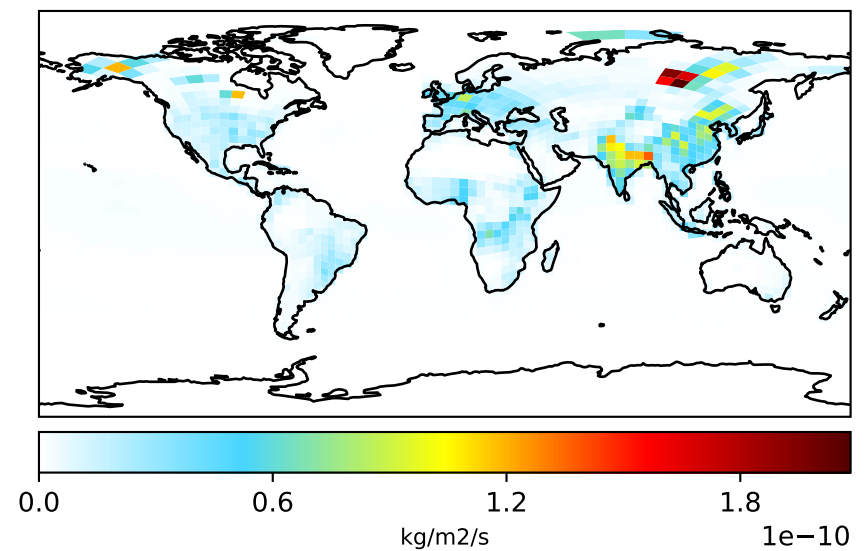


EmisNH3_Total

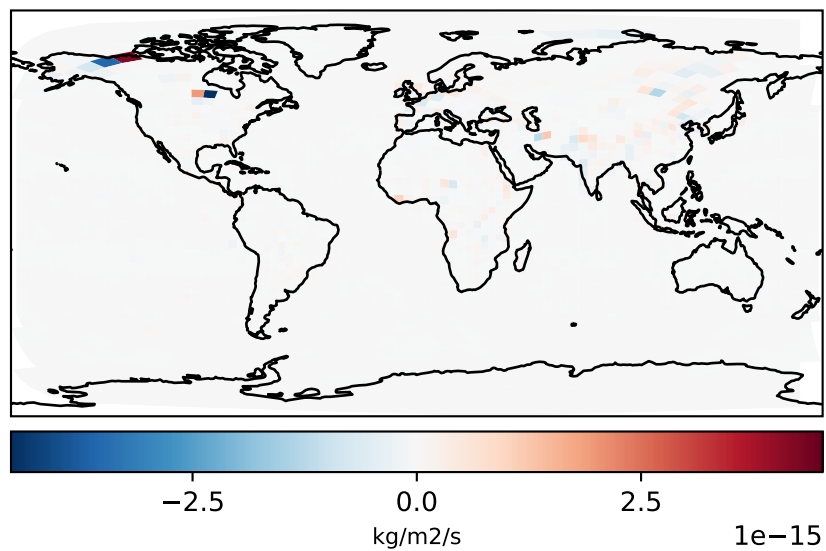
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



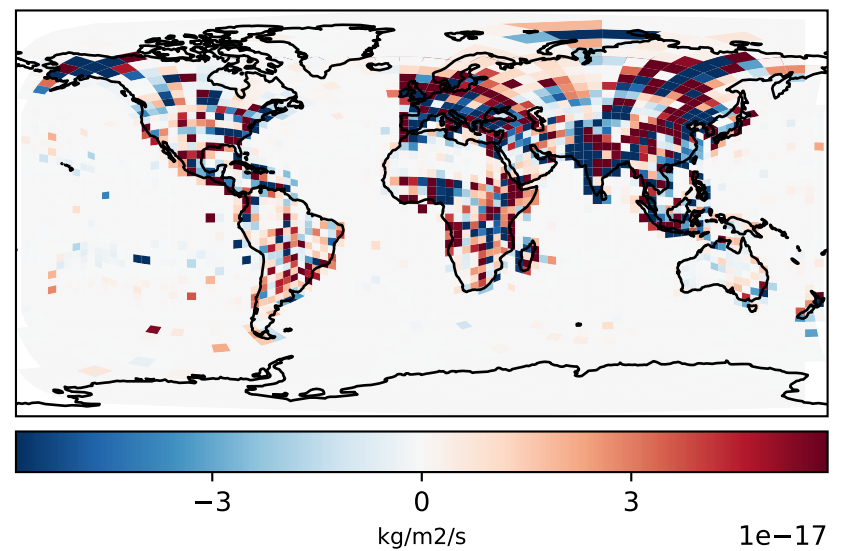
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



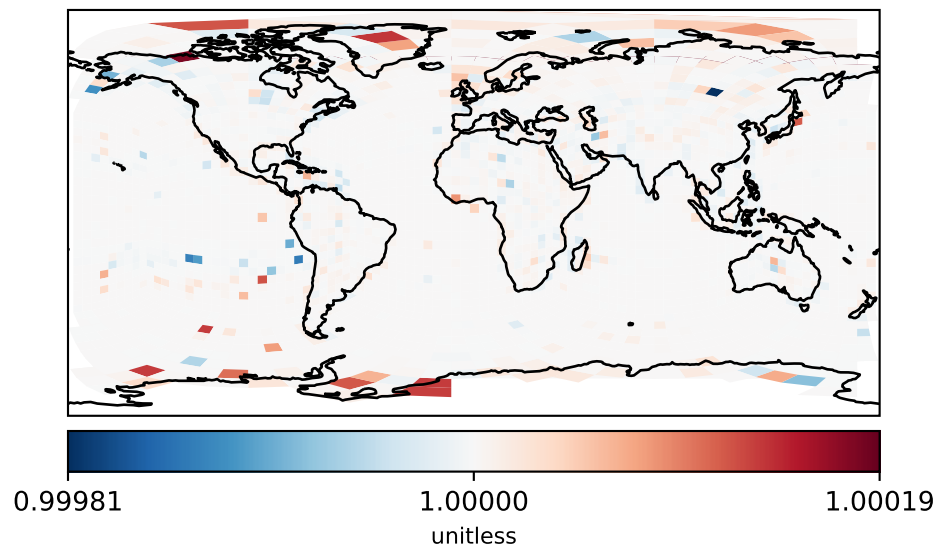
Difference
Dev - Ref, Dynamic Range



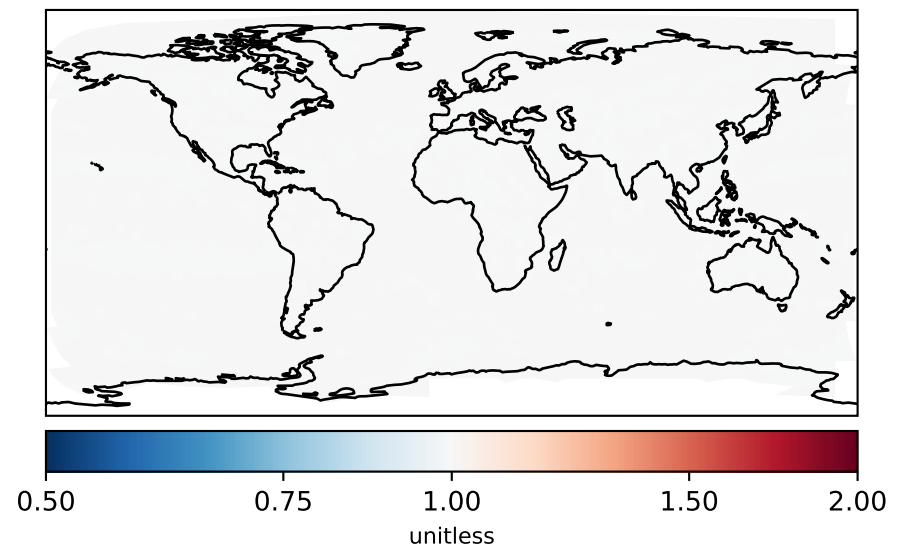
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

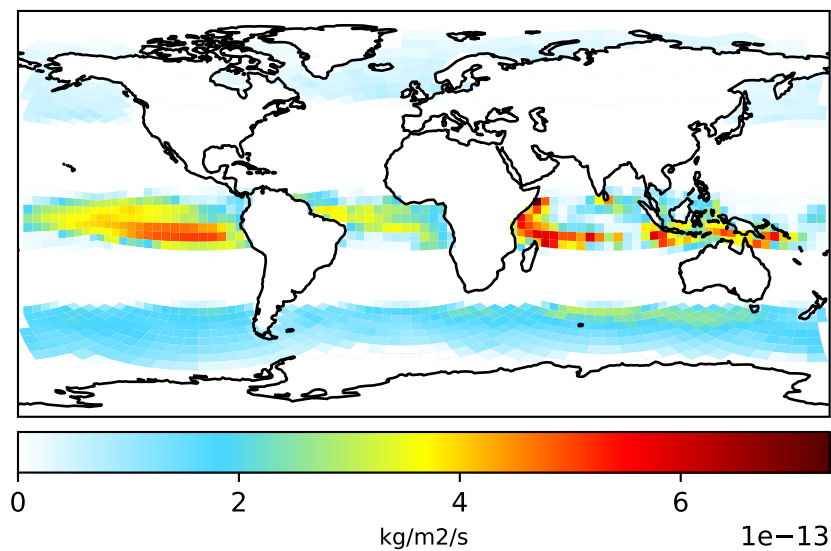


Ratio
Dev/Ref, Fixed Range

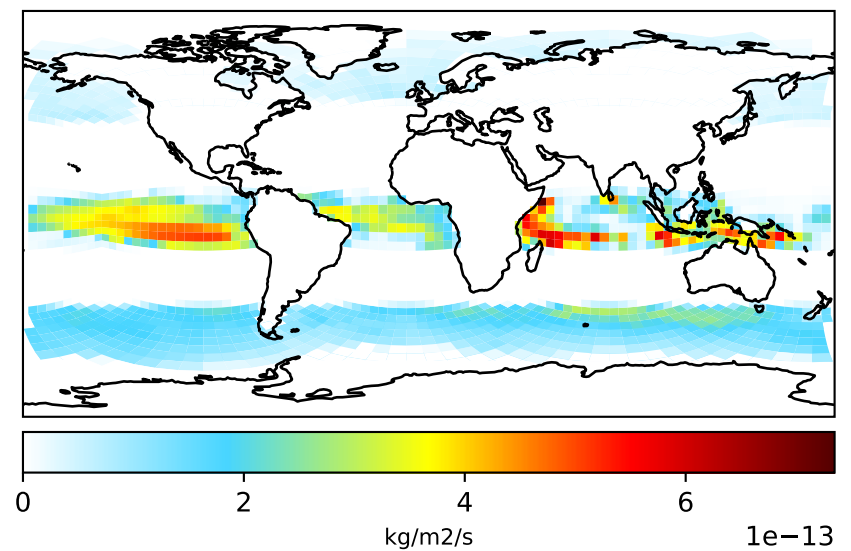


EmisMEN03_Ocean

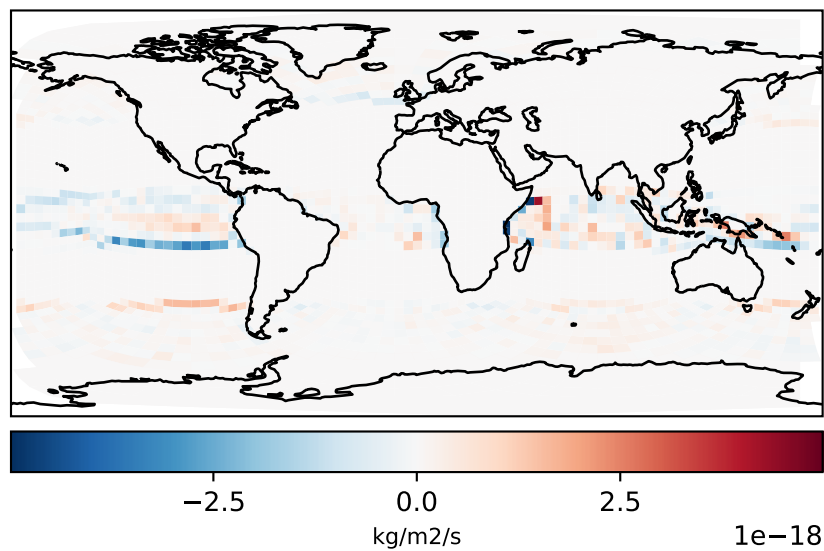
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



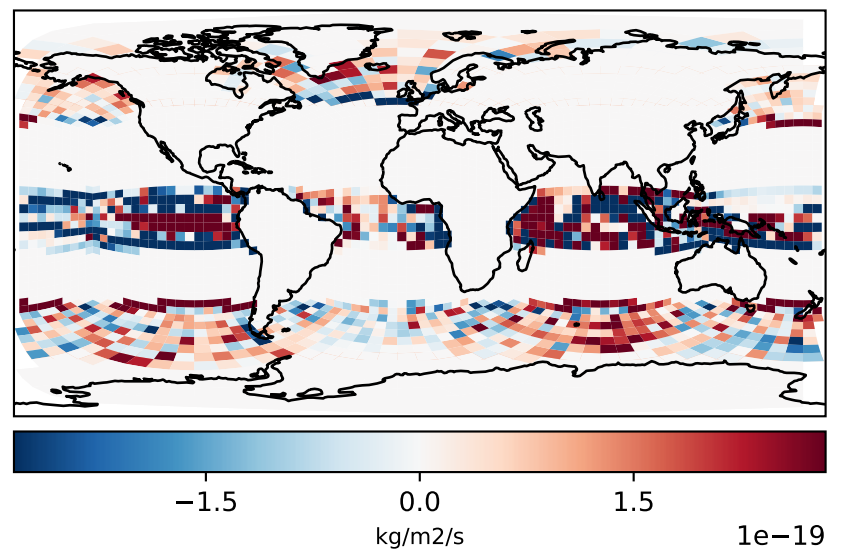
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



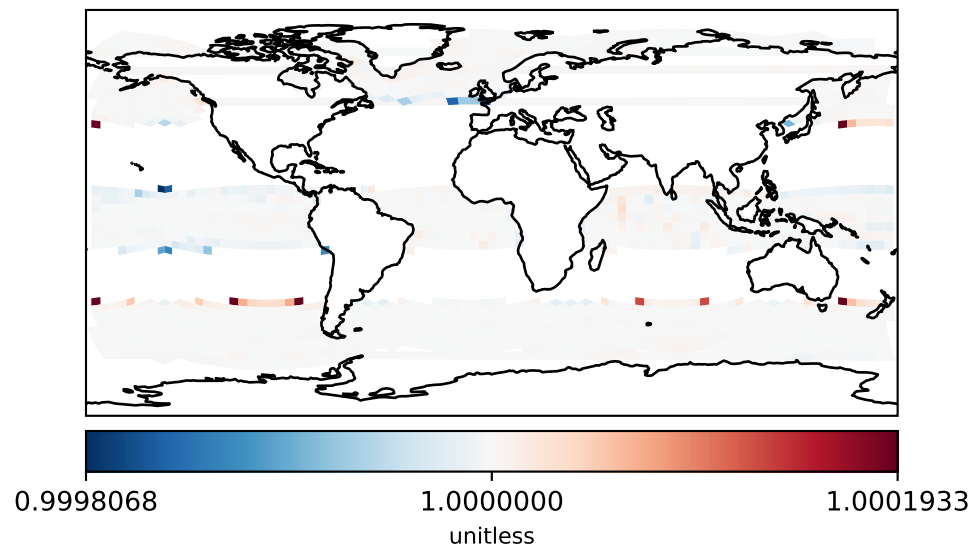
Difference
Dev - Ref, Dynamic Range



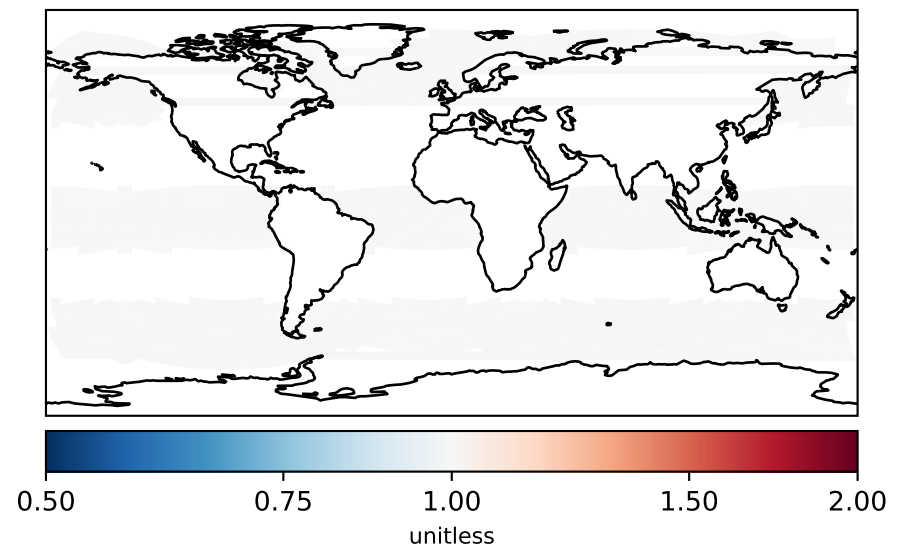
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

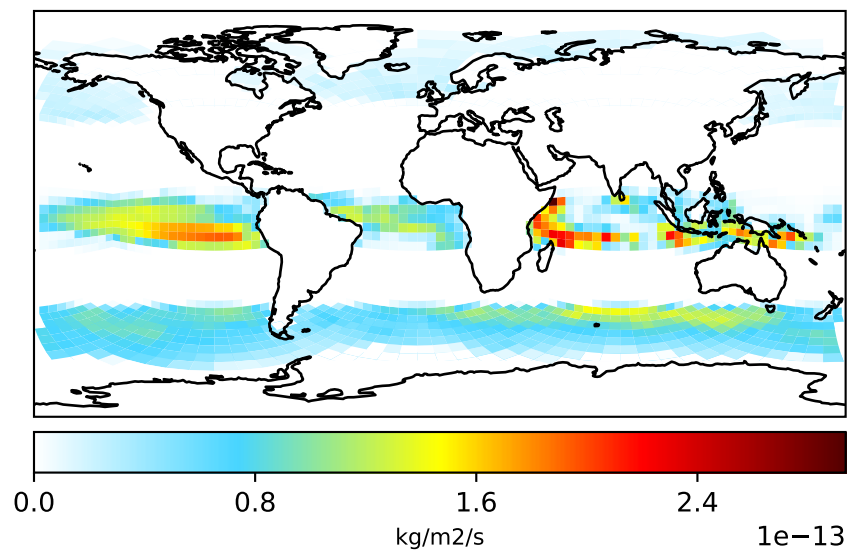


Ratio
Dev/Ref, Fixed Range

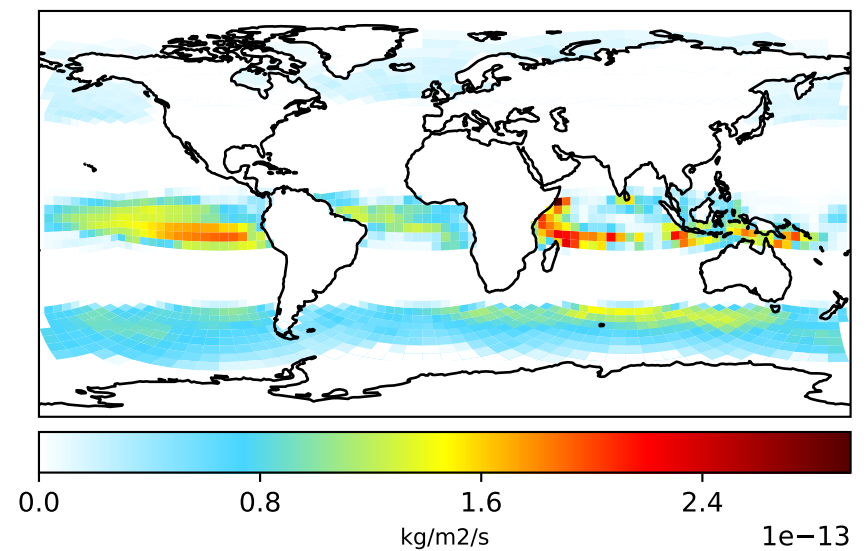


EmisETNO3_Ocean

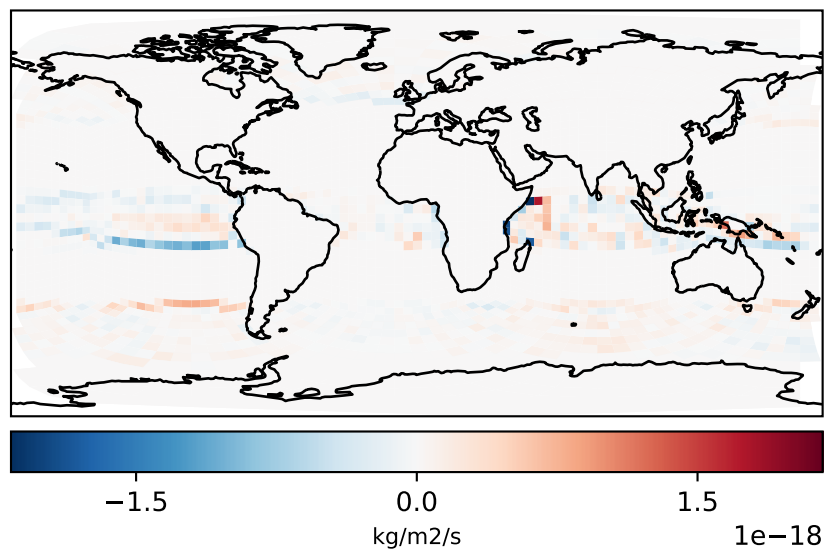
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



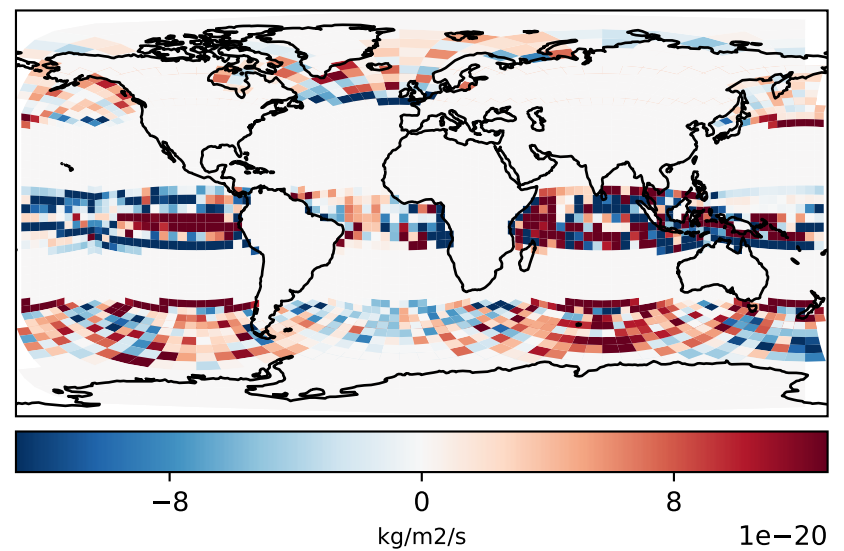
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



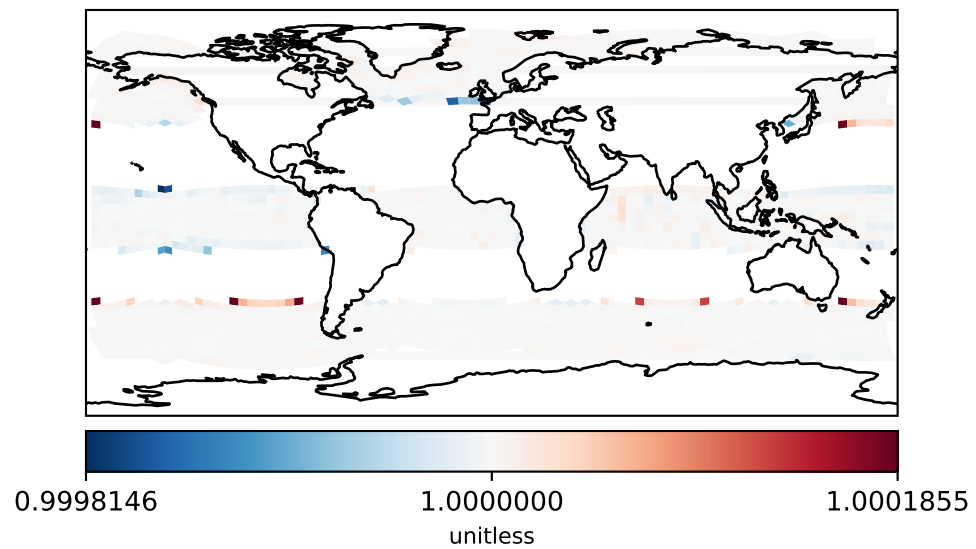
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

