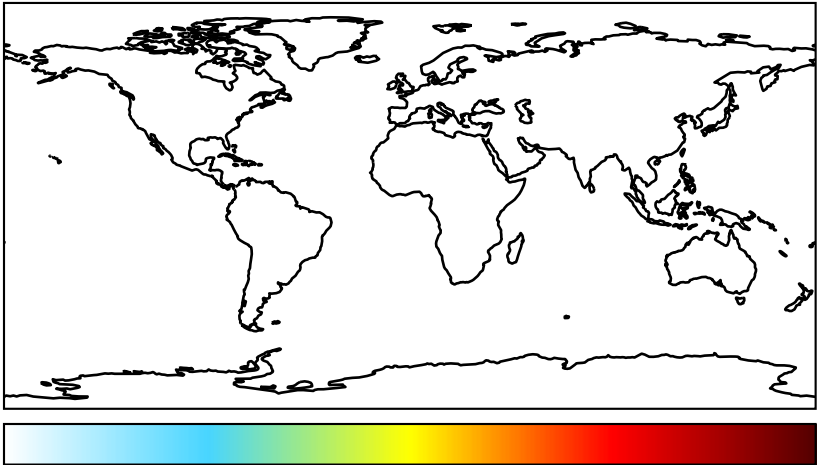
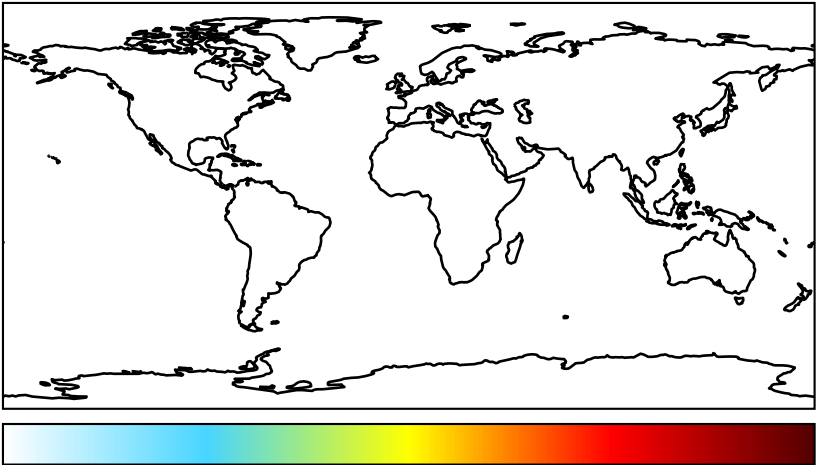


EmisALD2_Ship

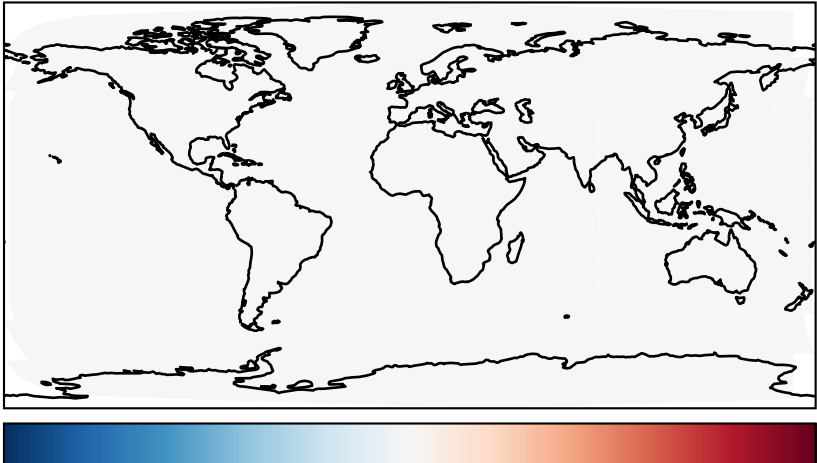
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



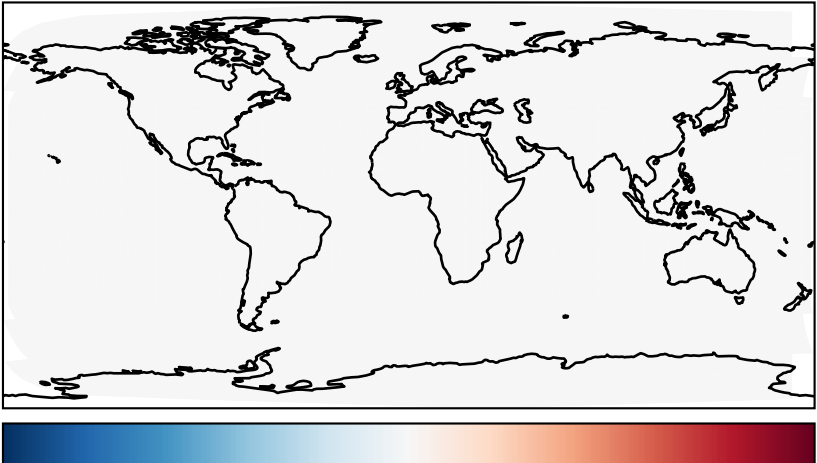
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



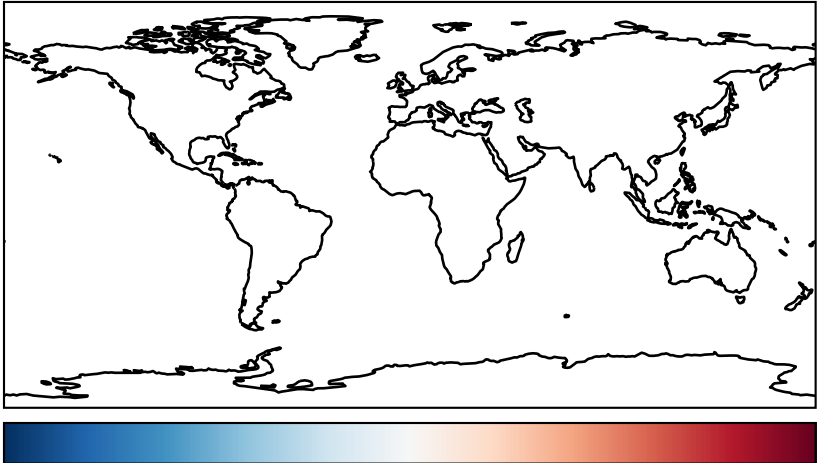
Difference
Dev - Ref, Dynamic Range



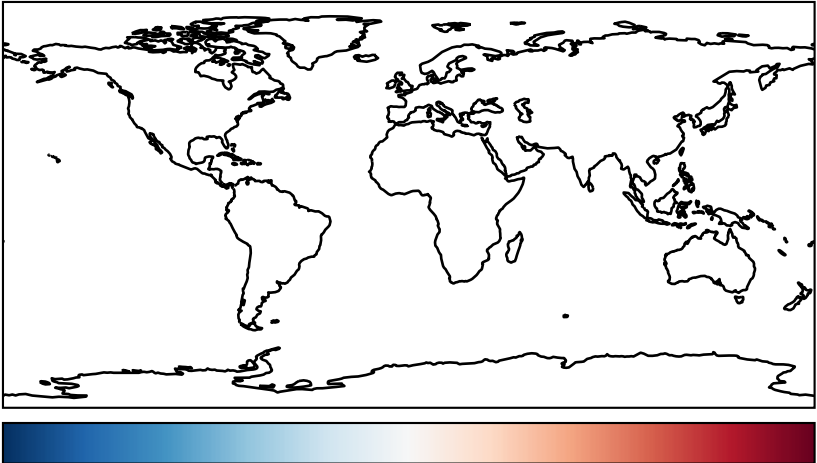
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

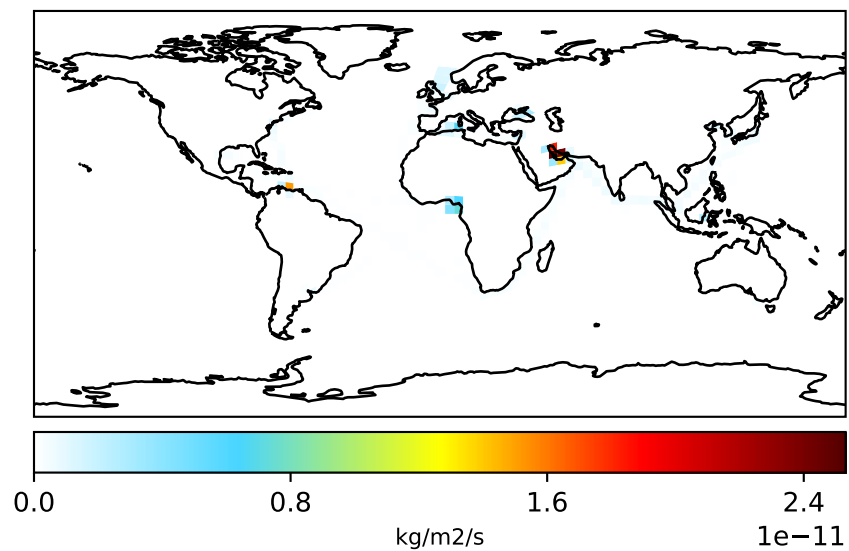


Ratio
Dev/Ref, Fixed Range

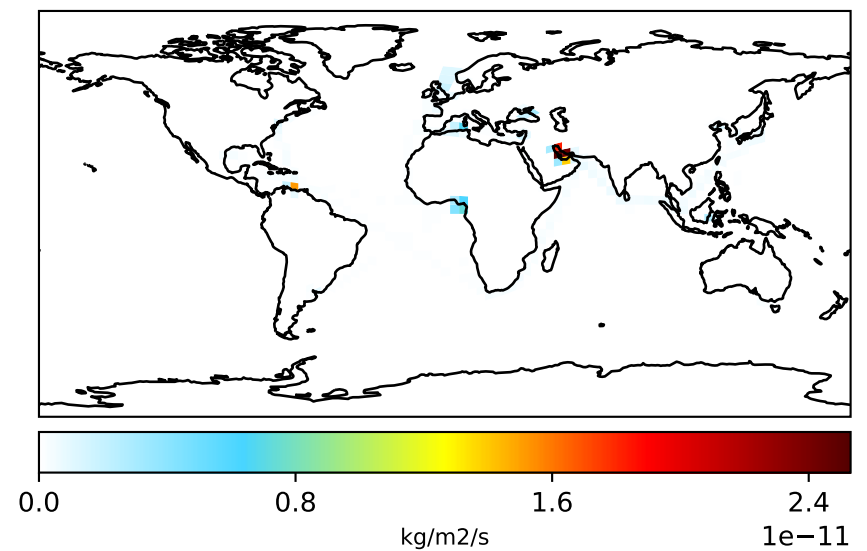


EmisALK4_Ship

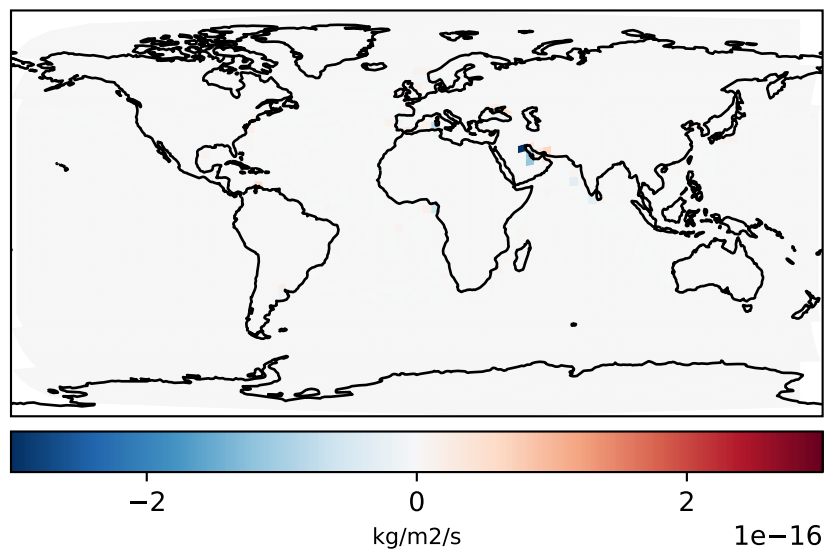
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



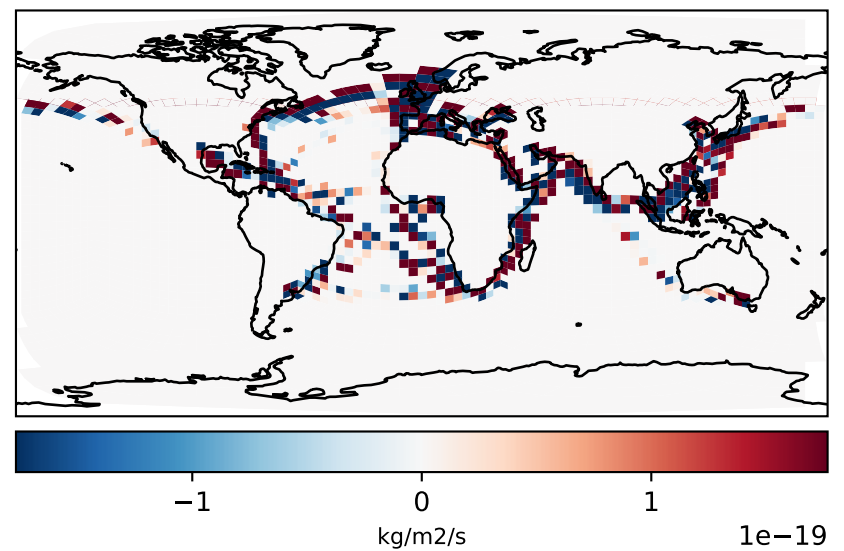
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



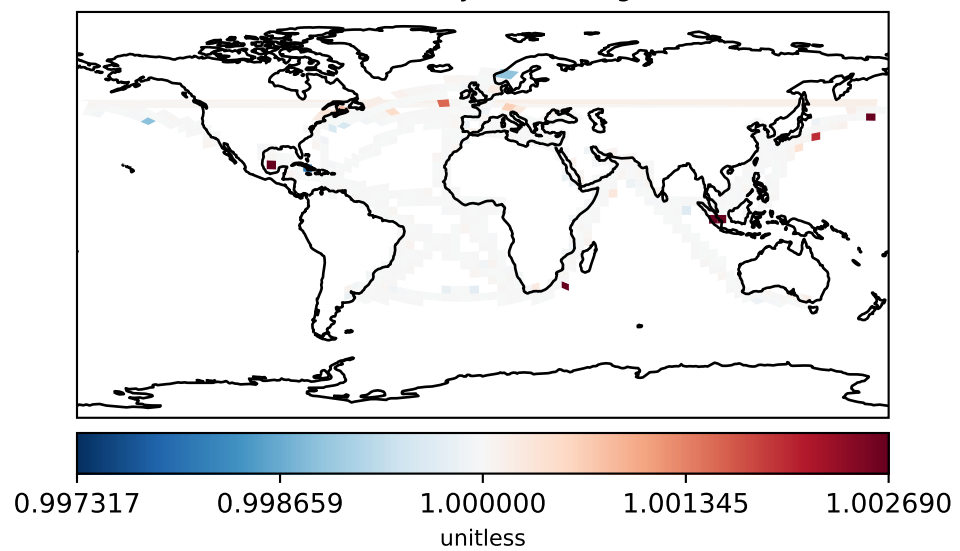
Difference
Dev - Ref, Dynamic Range



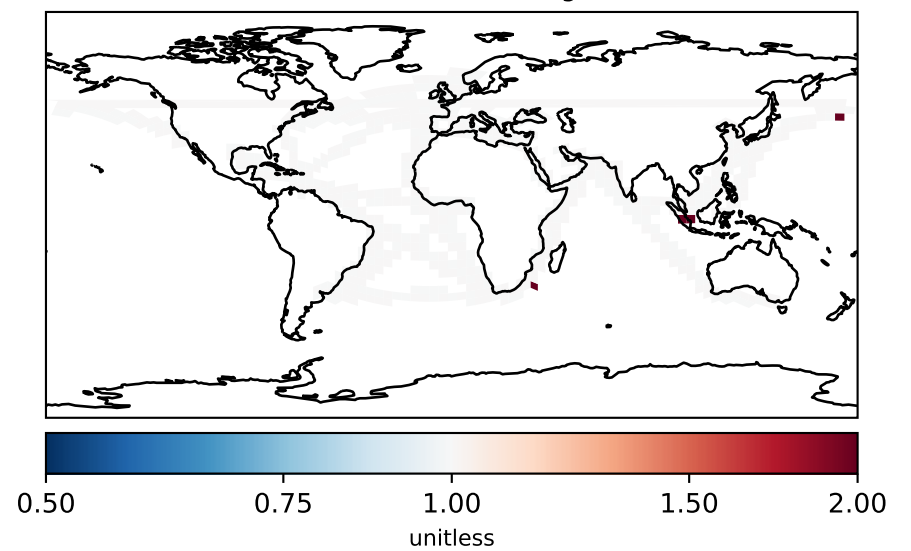
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

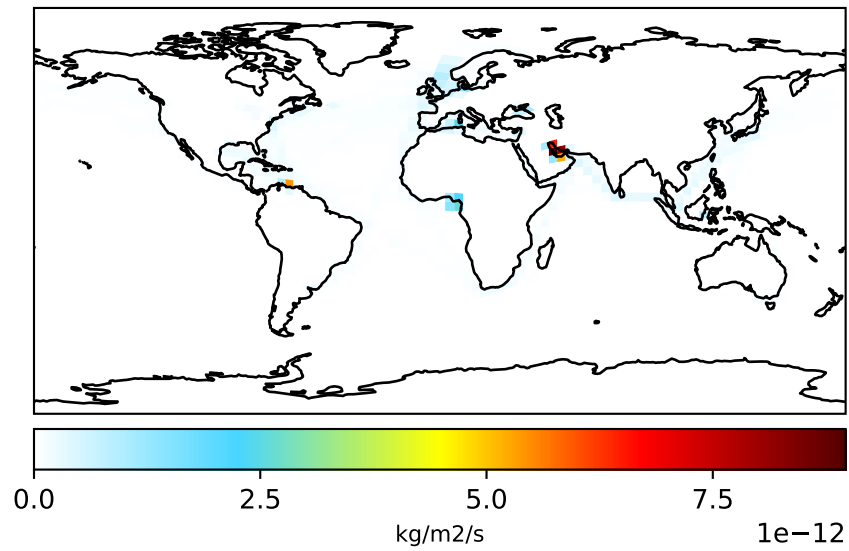


Ratio
Dev/Ref, Fixed Range

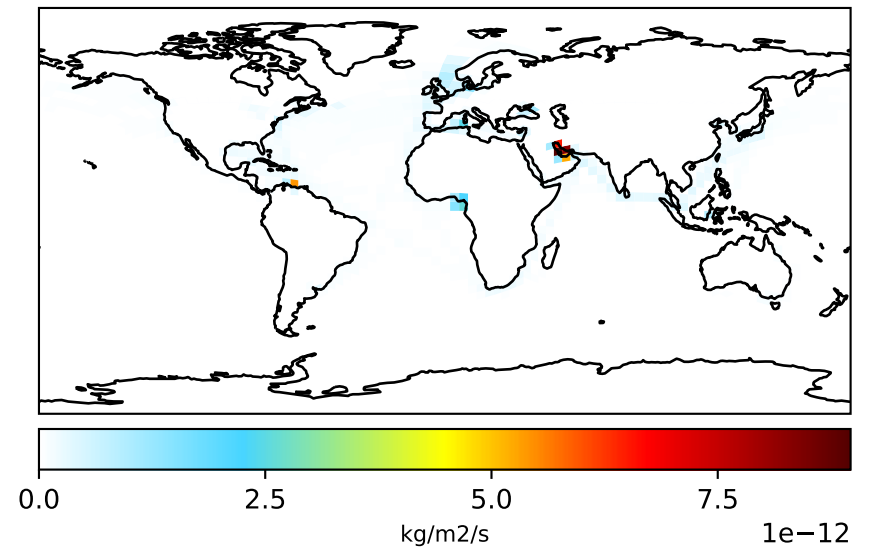


EmisALK6_Ship

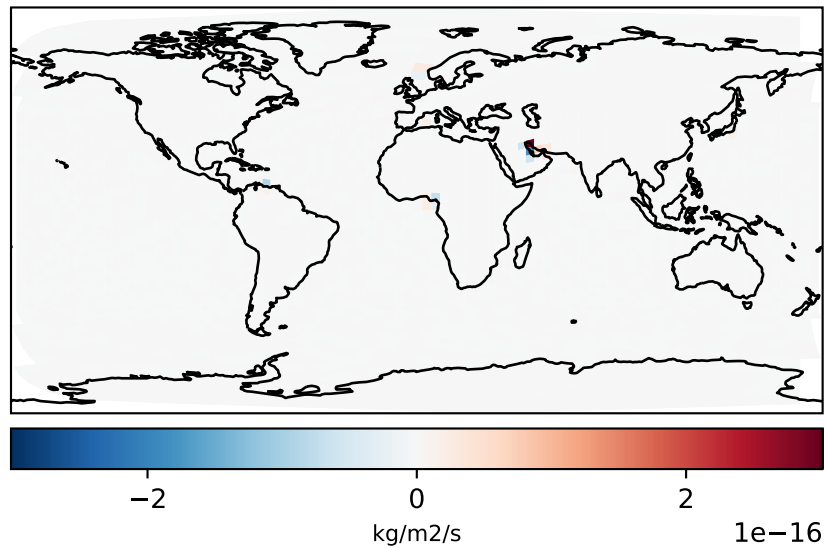
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



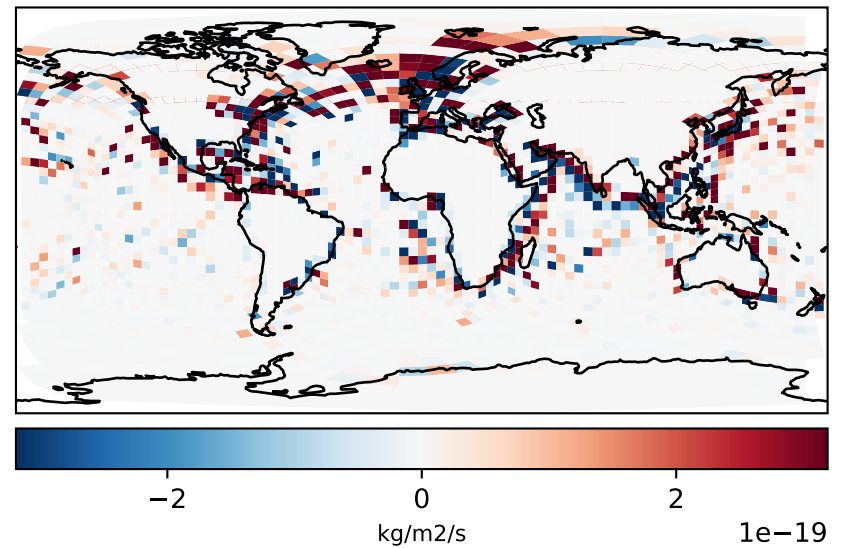
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



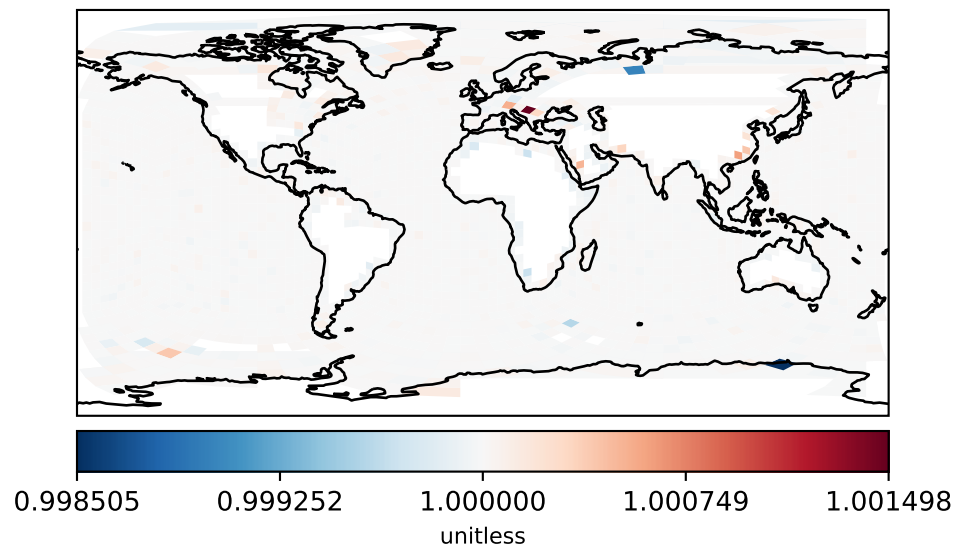
Difference
Dev - Ref, Dynamic Range



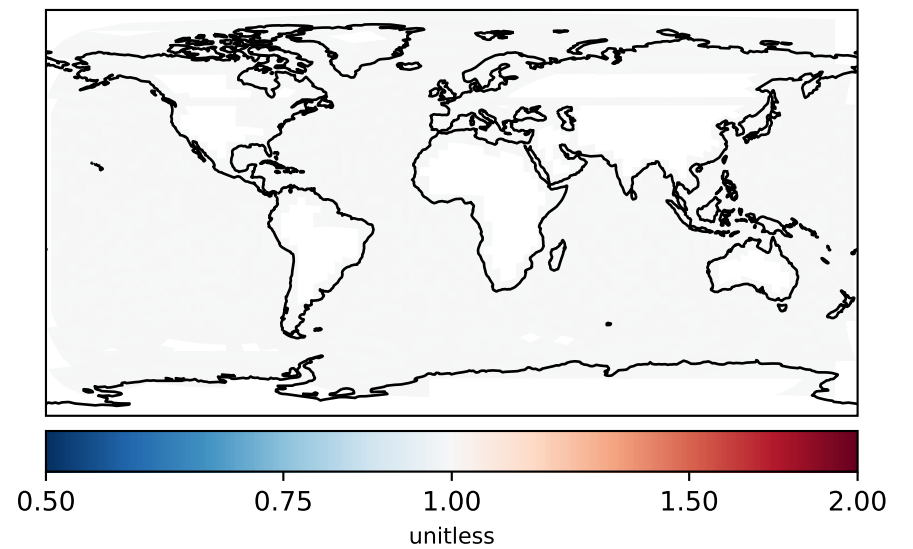
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

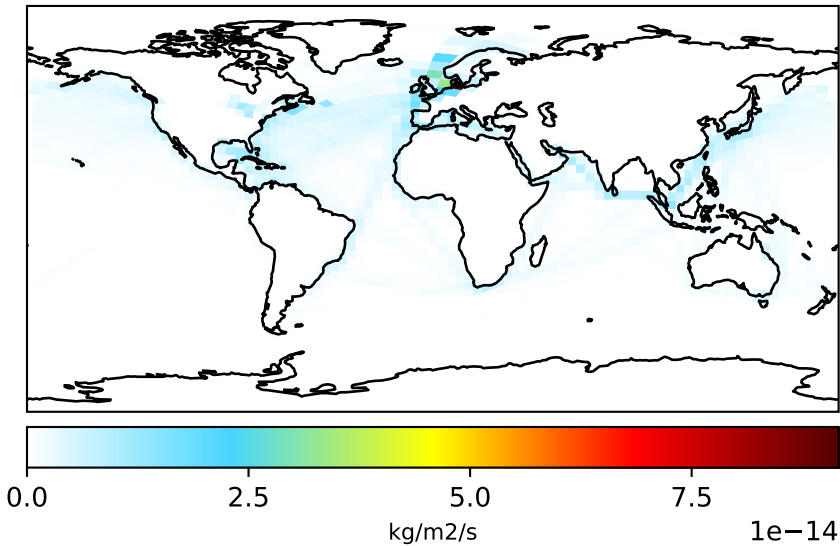


Ratio
Dev/Ref, Fixed Range

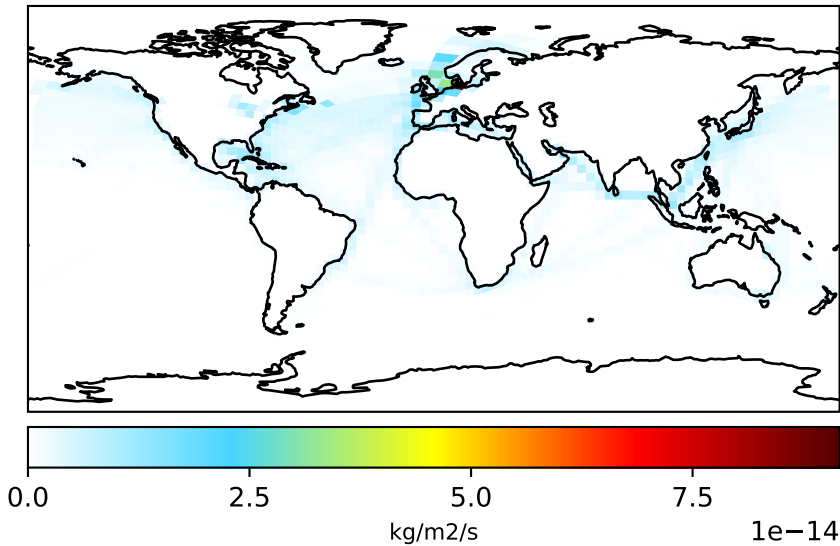


EmisBCPI_Ship

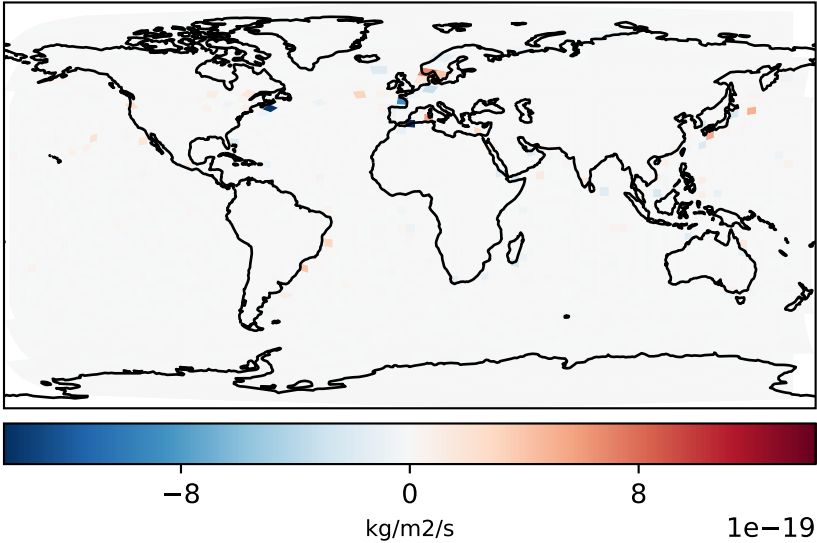
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



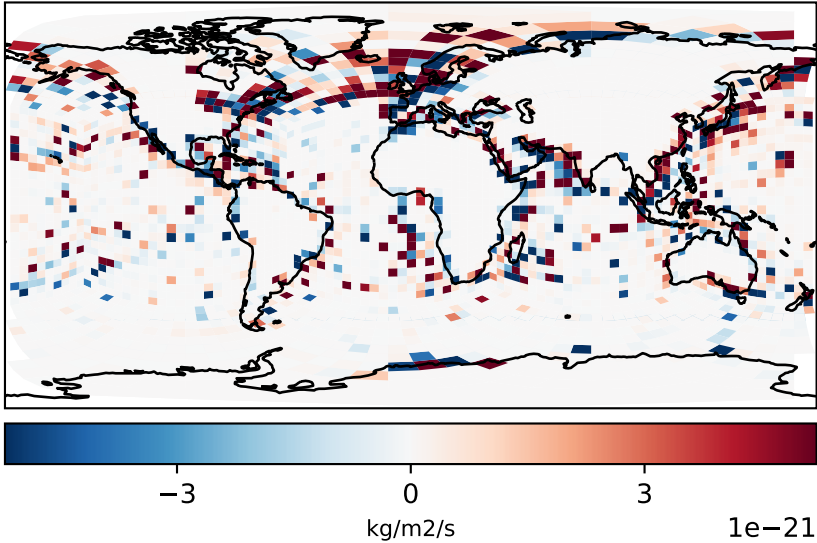
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



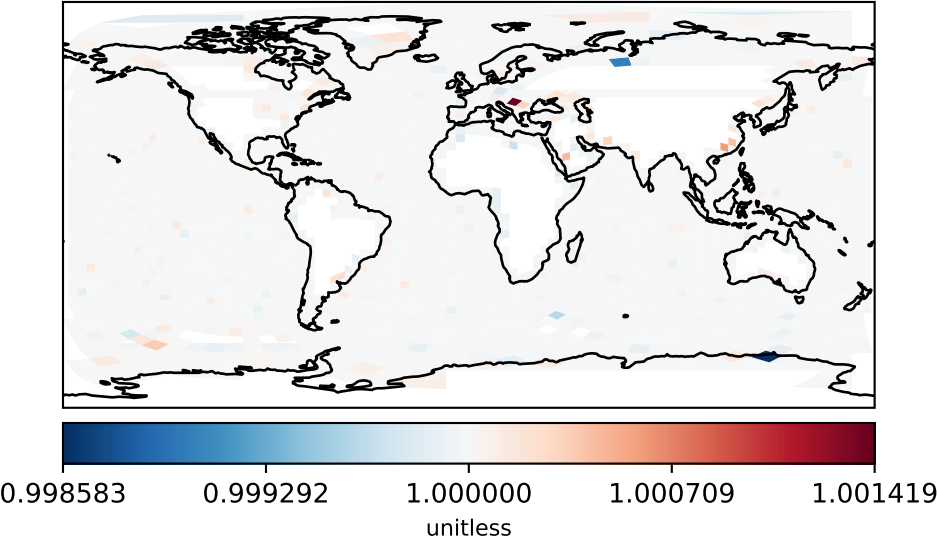
Difference
Dev - Ref, Dynamic Range



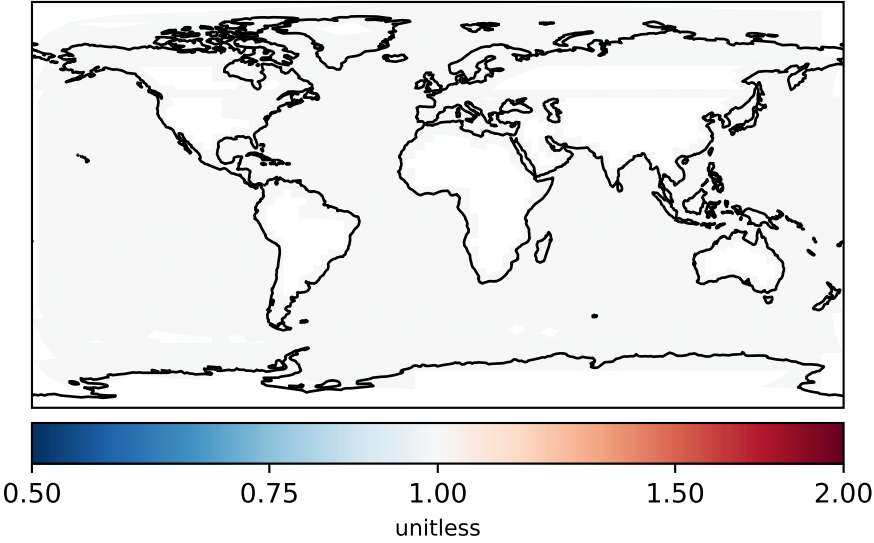
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

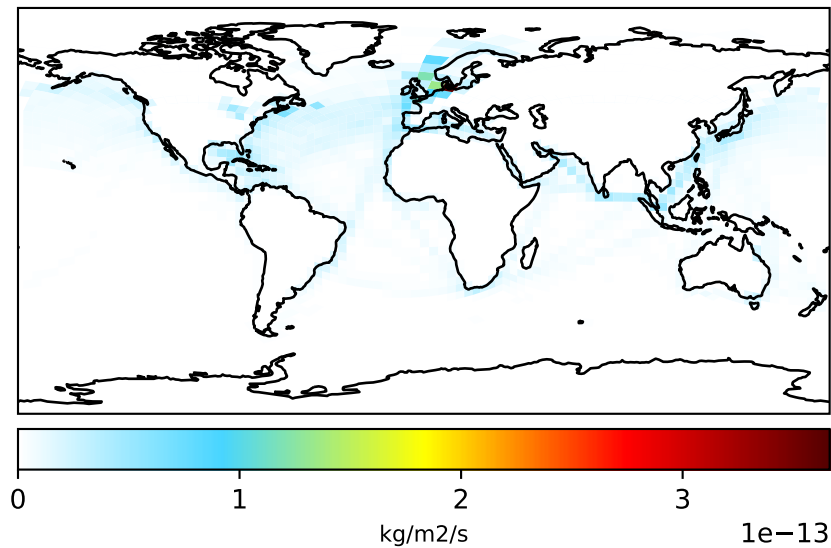


Ratio
Dev/Ref, Fixed Range

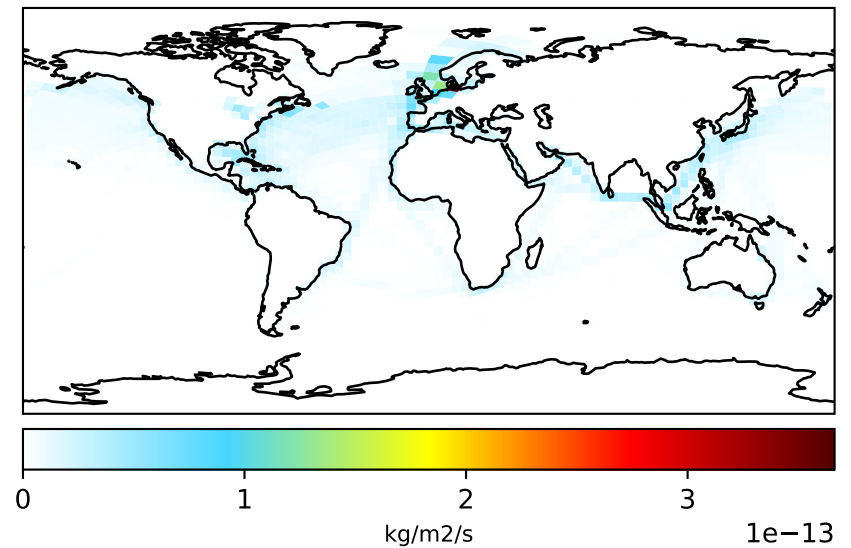


EmisBCPO_Ship

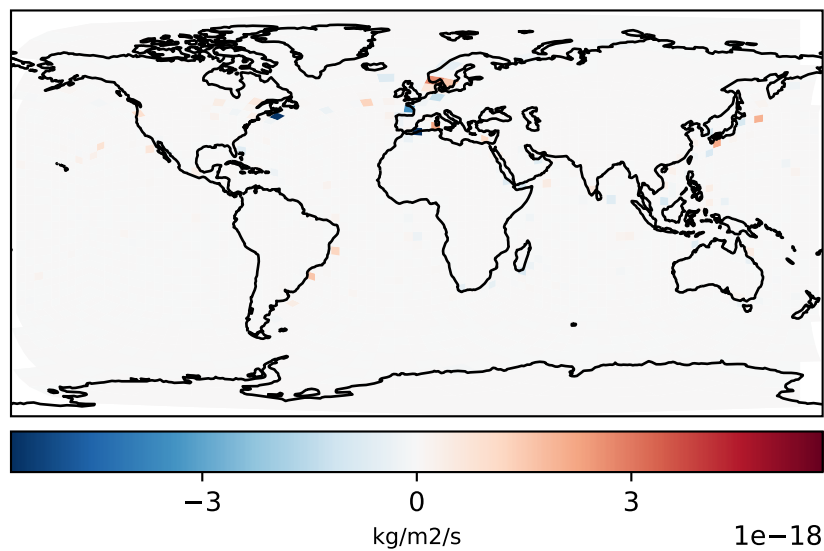
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



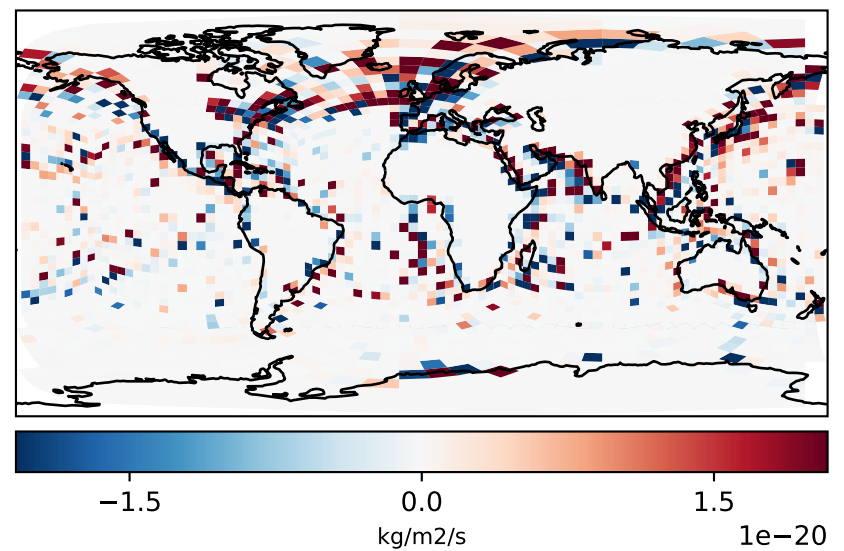
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



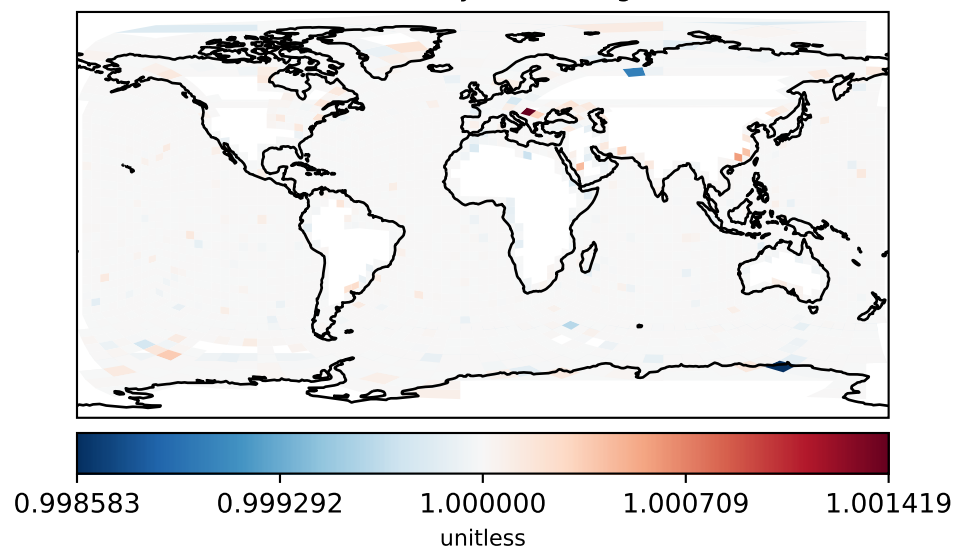
Difference
Dev - Ref, Dynamic Range



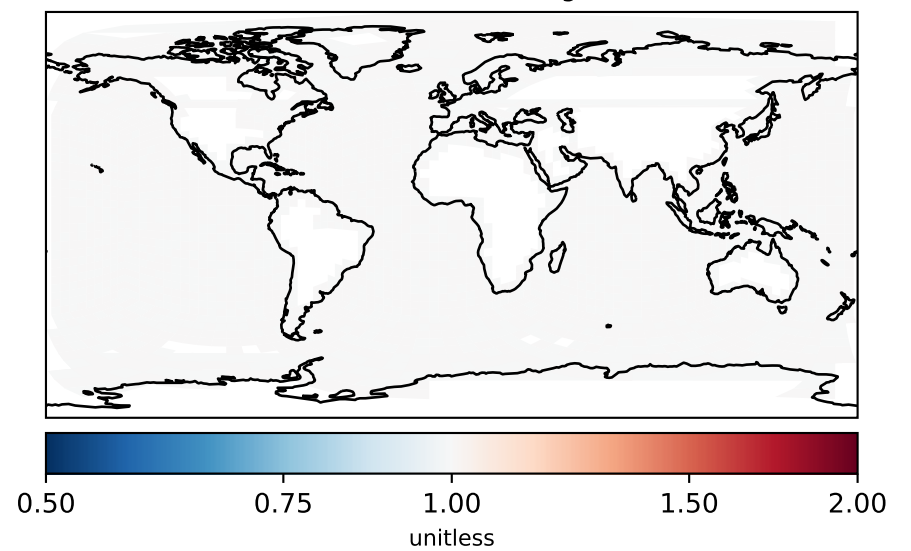
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

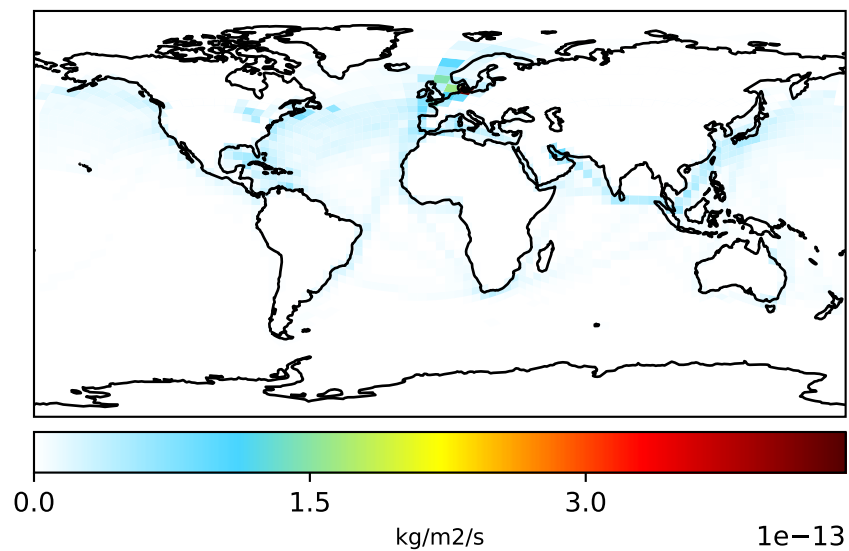


Ratio
Dev/Ref, Fixed Range

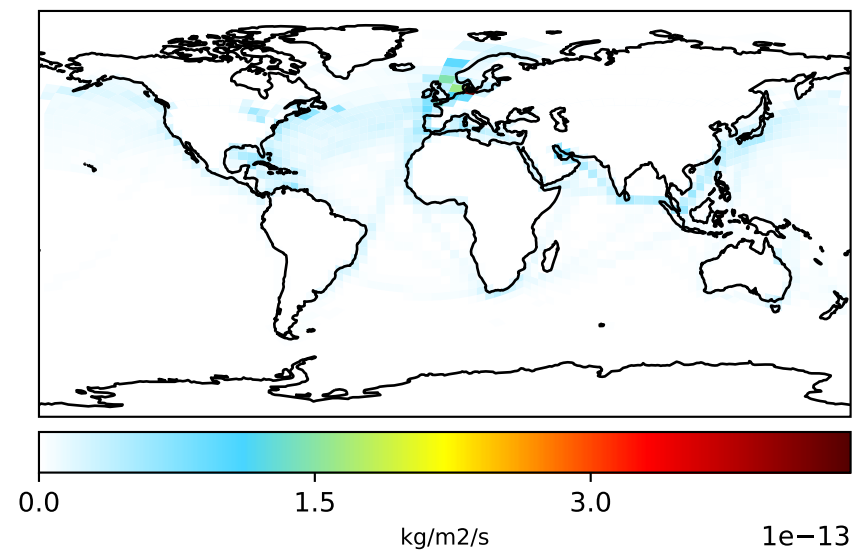


EmisBENZ_Ship

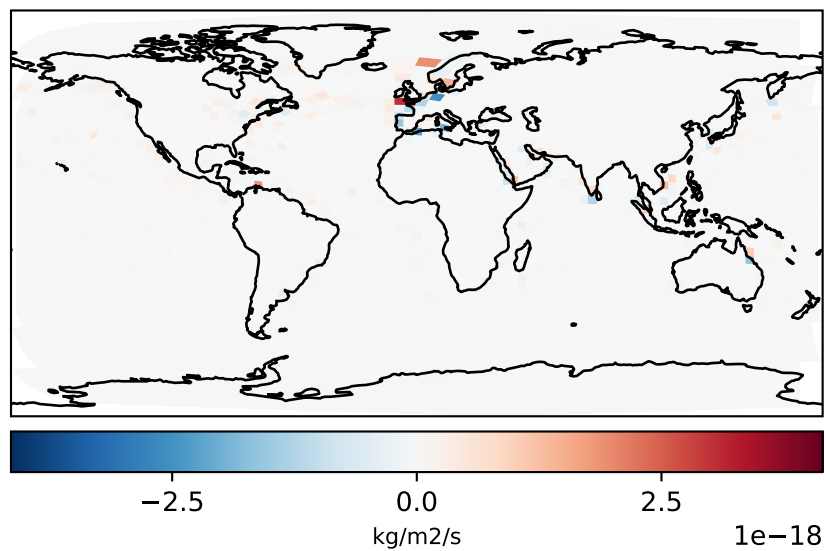
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



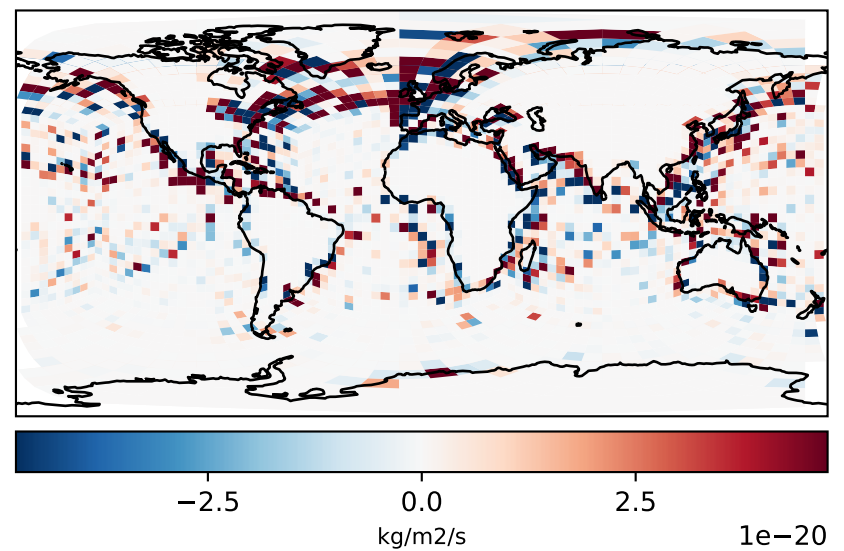
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



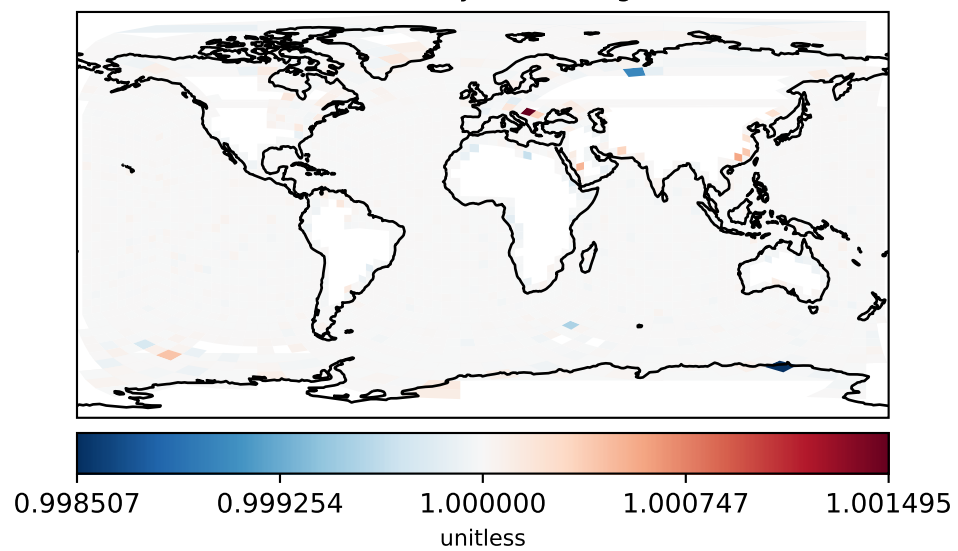
Difference
Dev - Ref, Dynamic Range



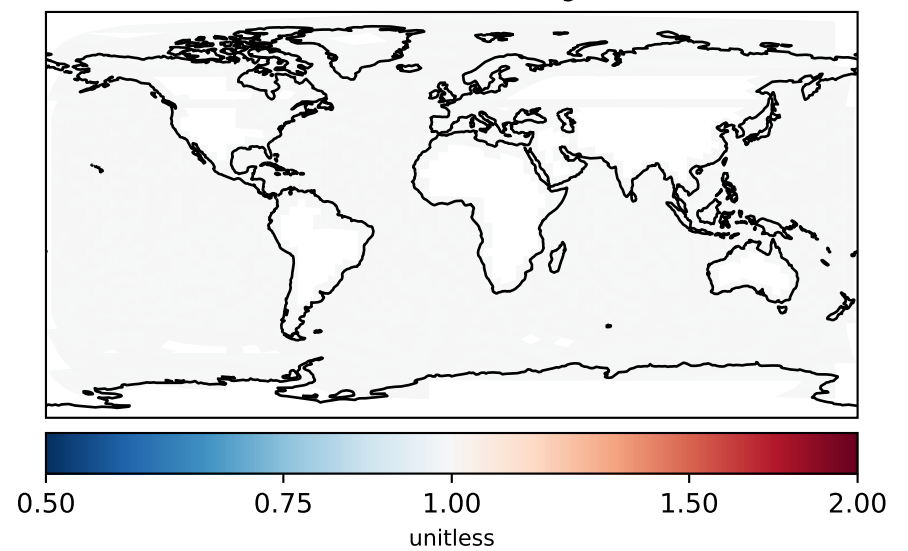
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

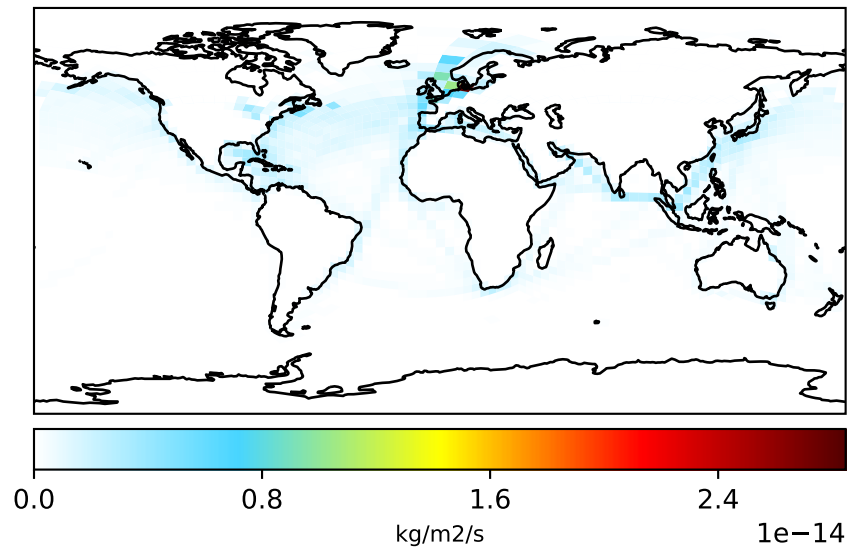


Ratio
Dev/Ref, Fixed Range

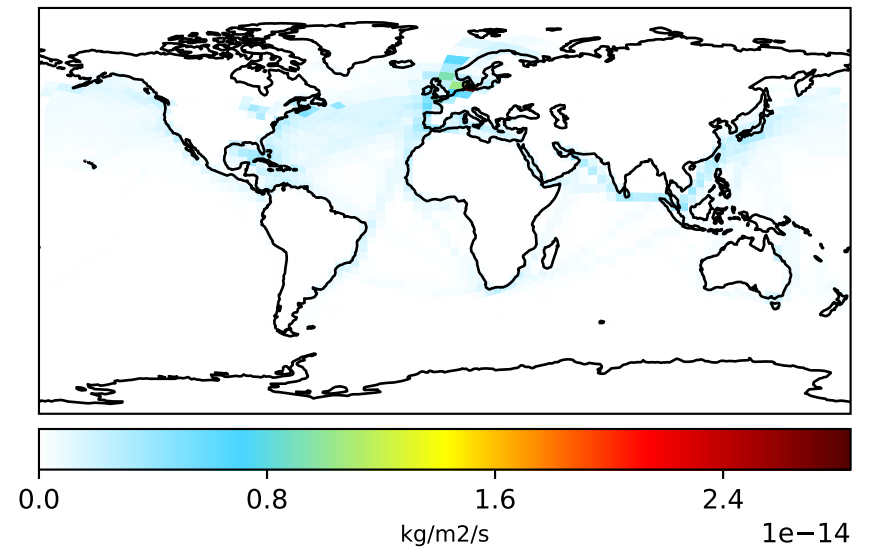


EmisC2H2_Ship

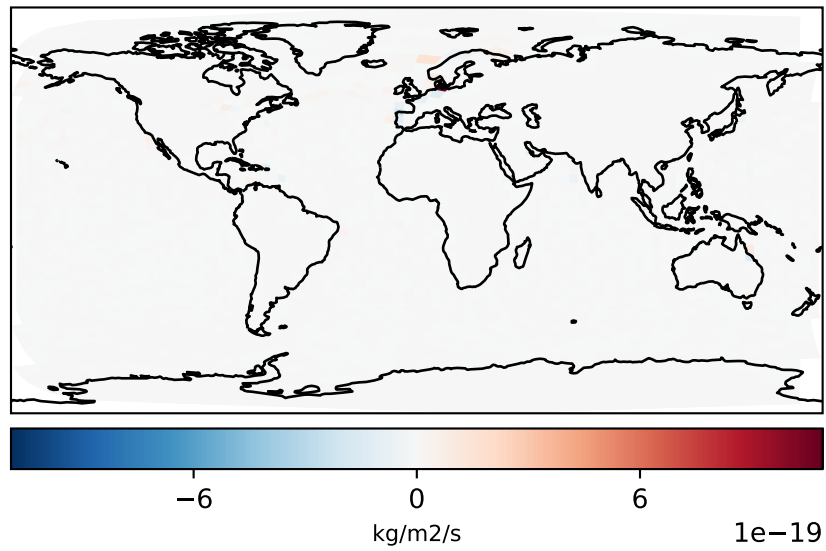
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



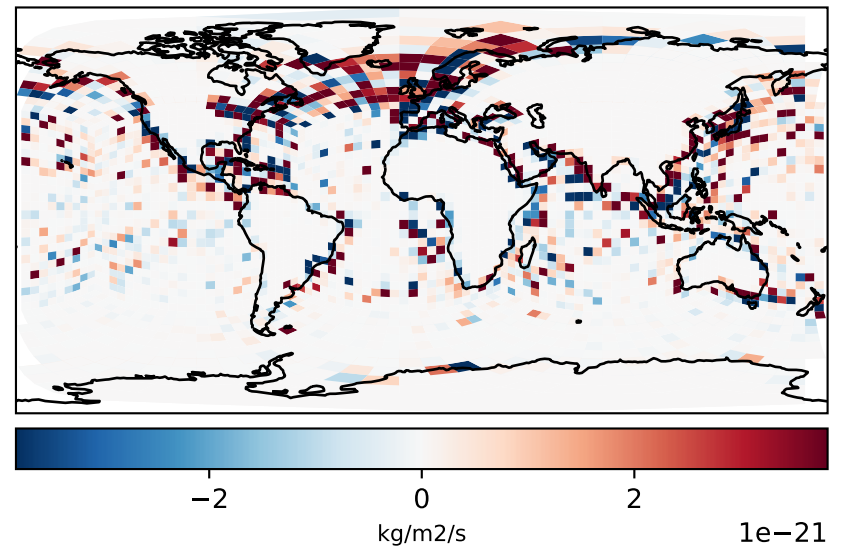
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



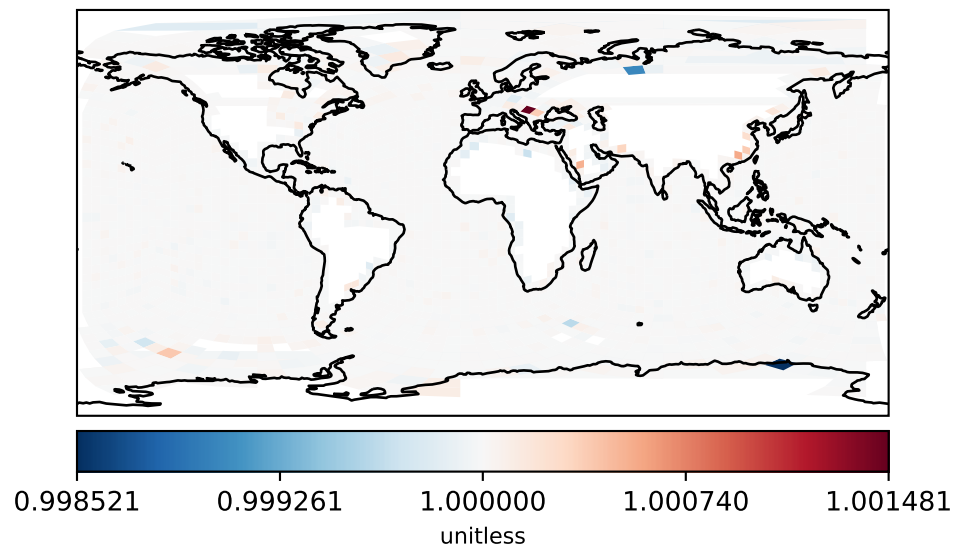
Difference
Dev - Ref, Dynamic Range



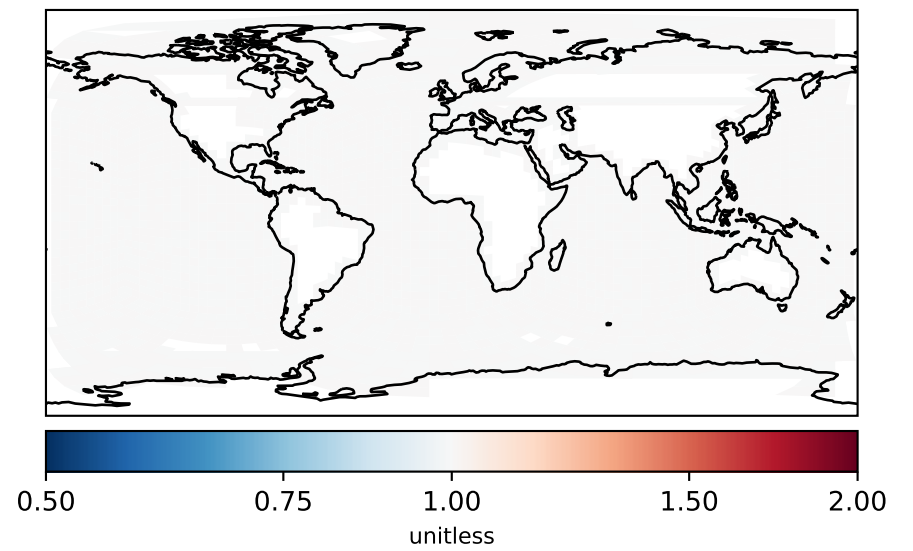
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

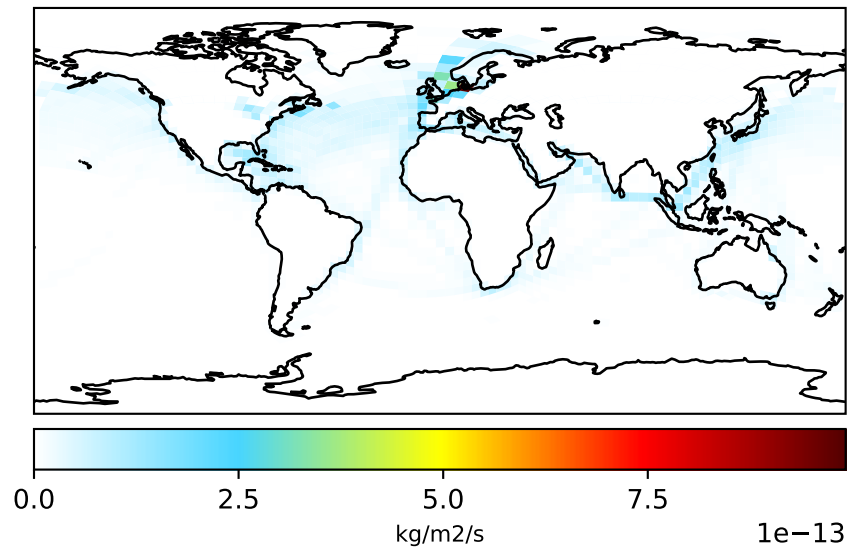


Ratio
Dev/Ref, Fixed Range

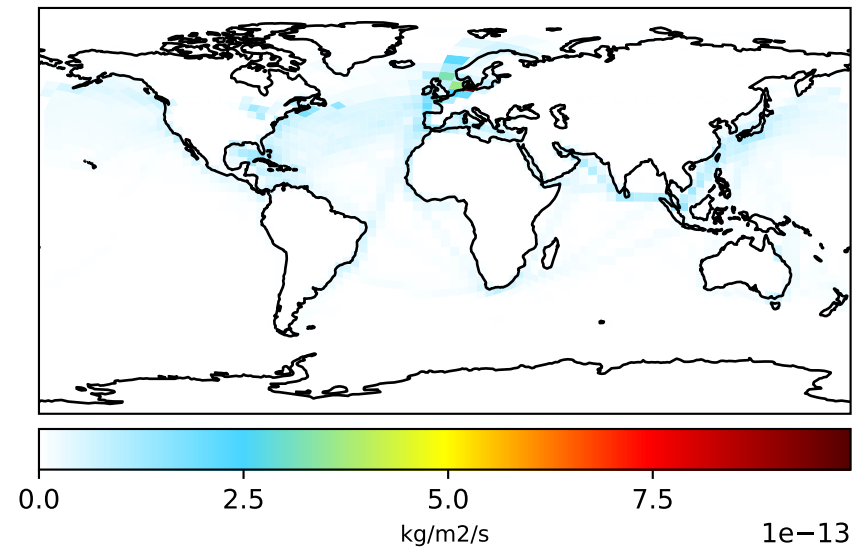


EmisC2H4_Ship

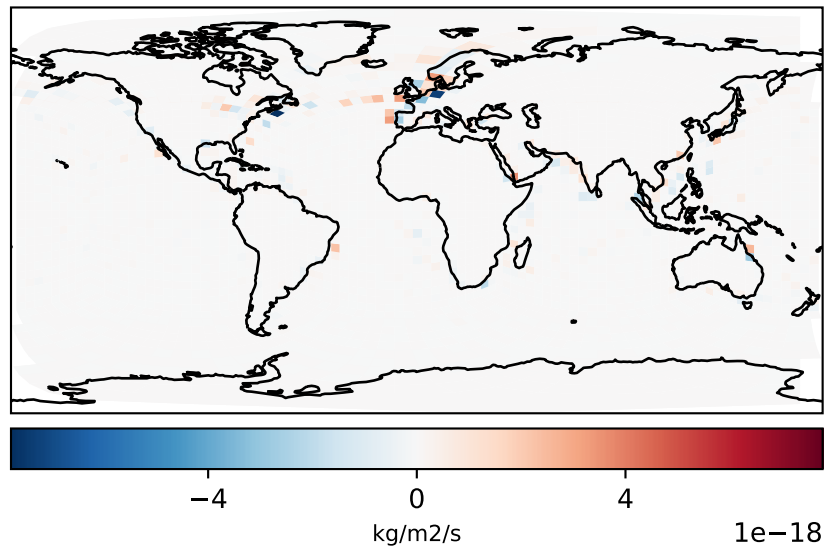
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



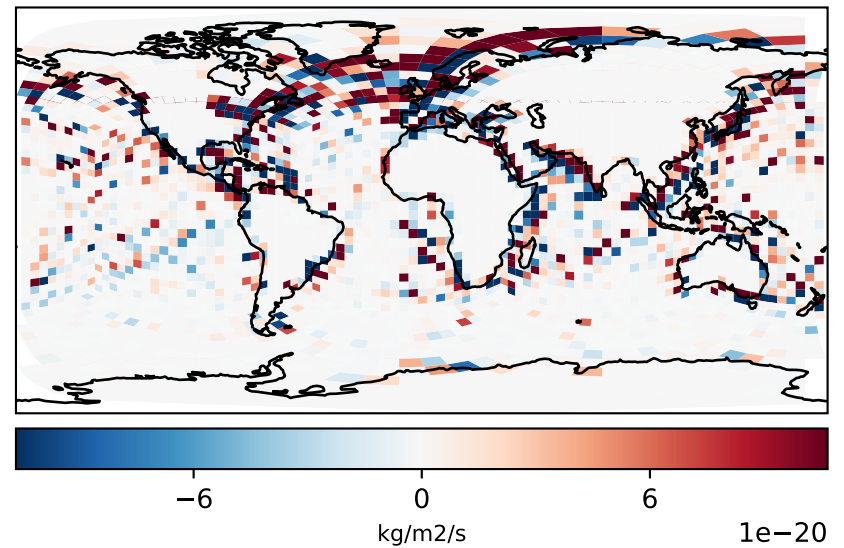
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



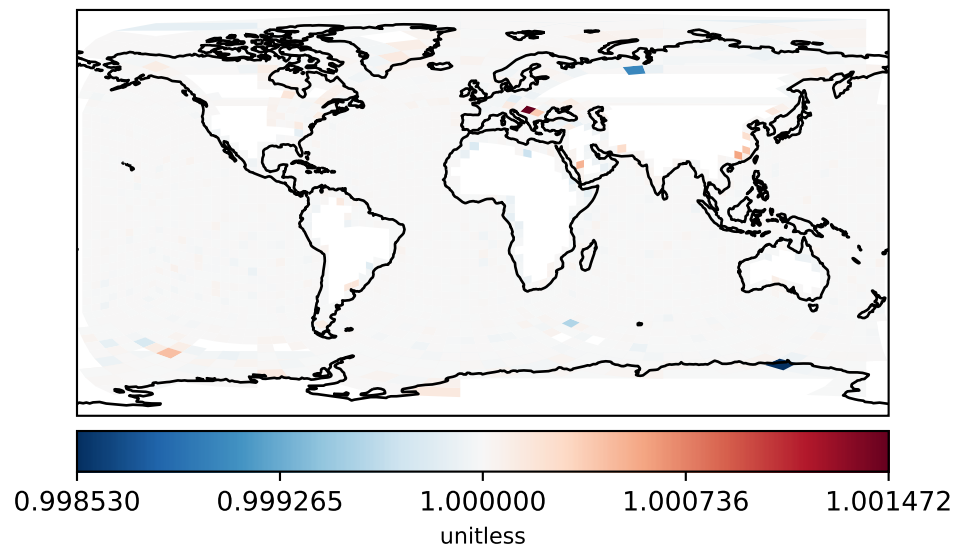
Difference
Dev - Ref, Dynamic Range



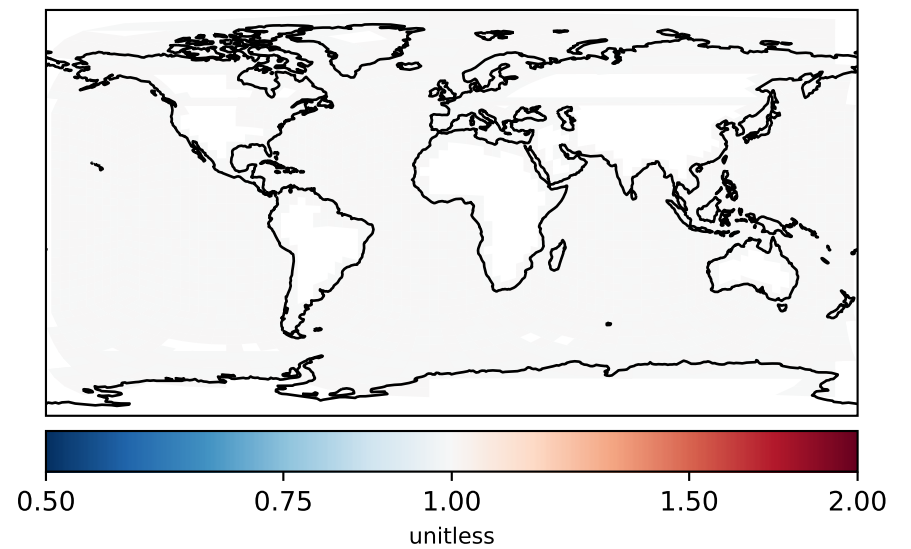
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

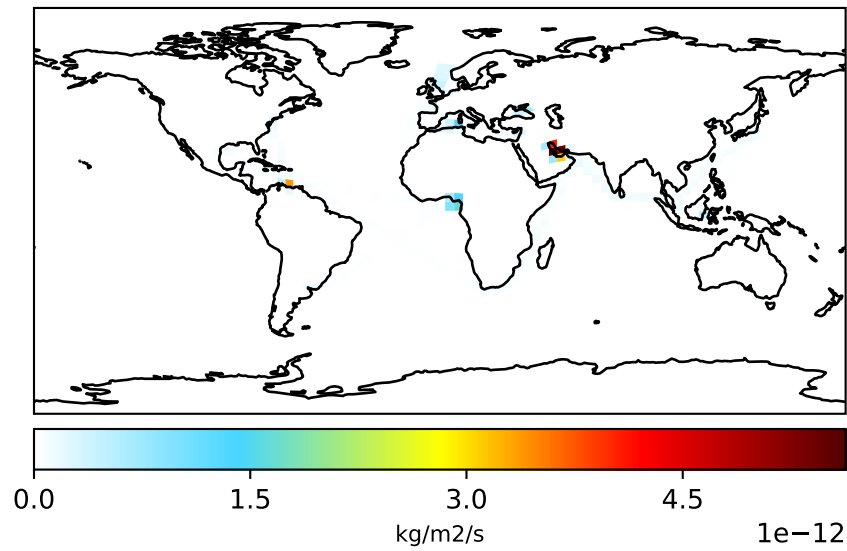


Ratio
Dev/Ref, Fixed Range

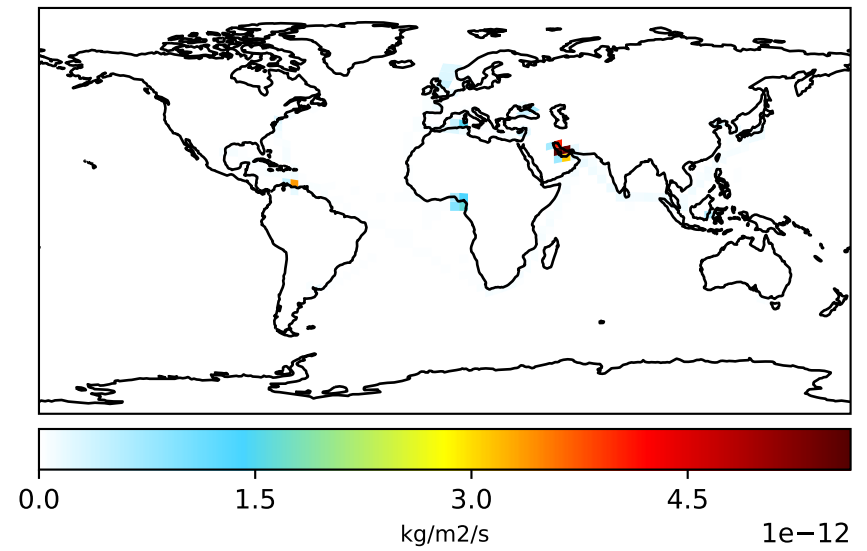


EmisC2H6_Ship

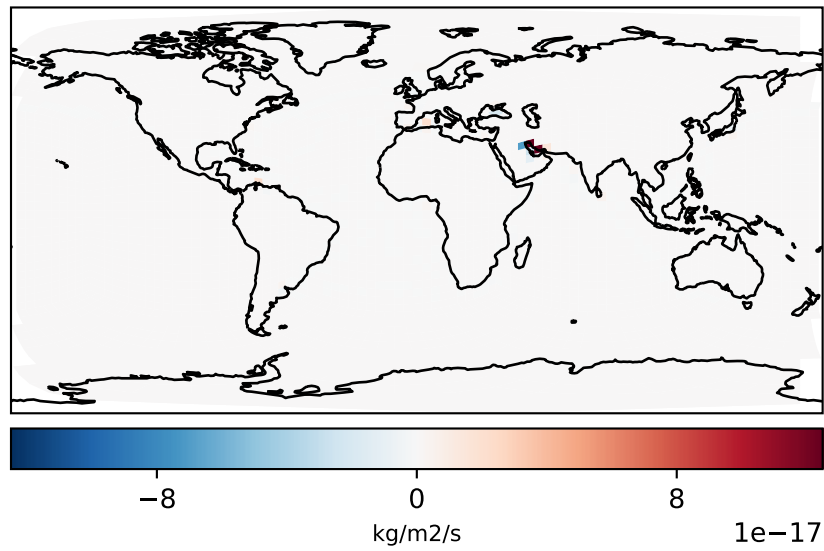
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



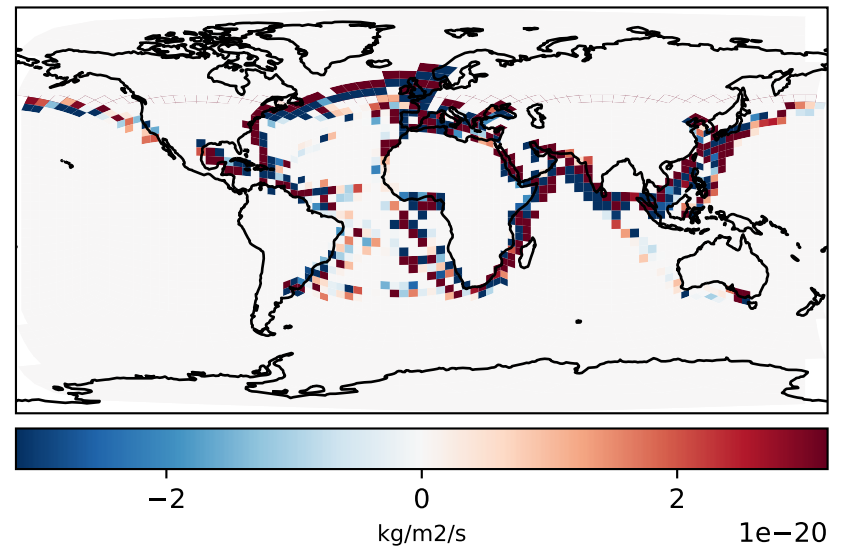
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



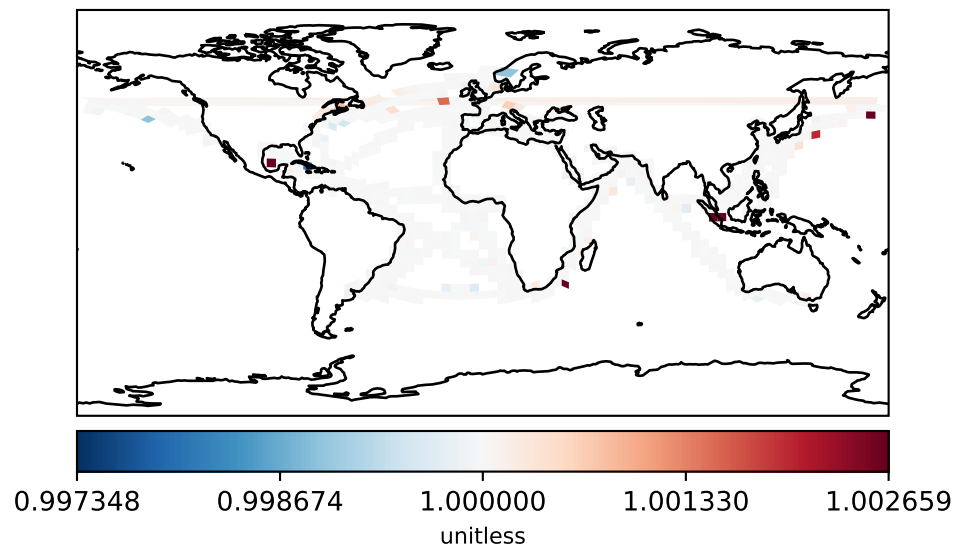
Difference
Dev - Ref, Dynamic Range



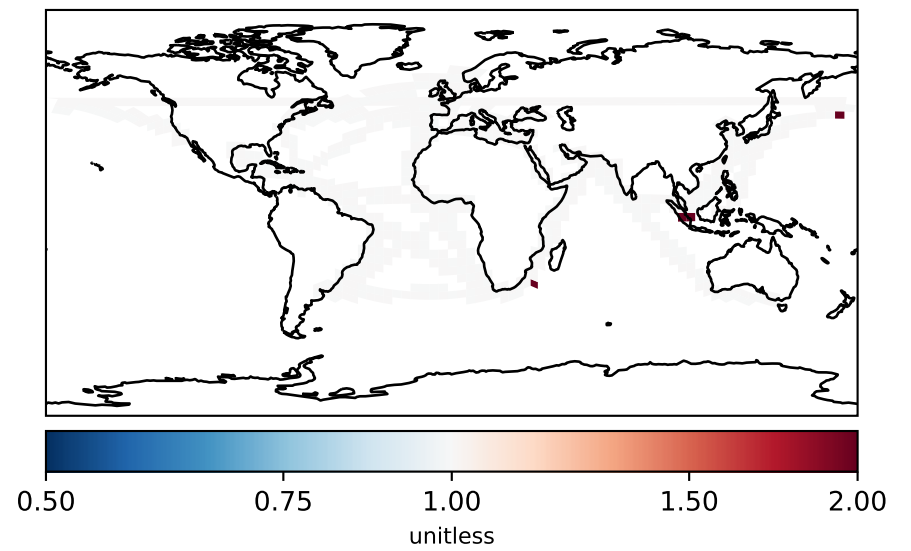
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

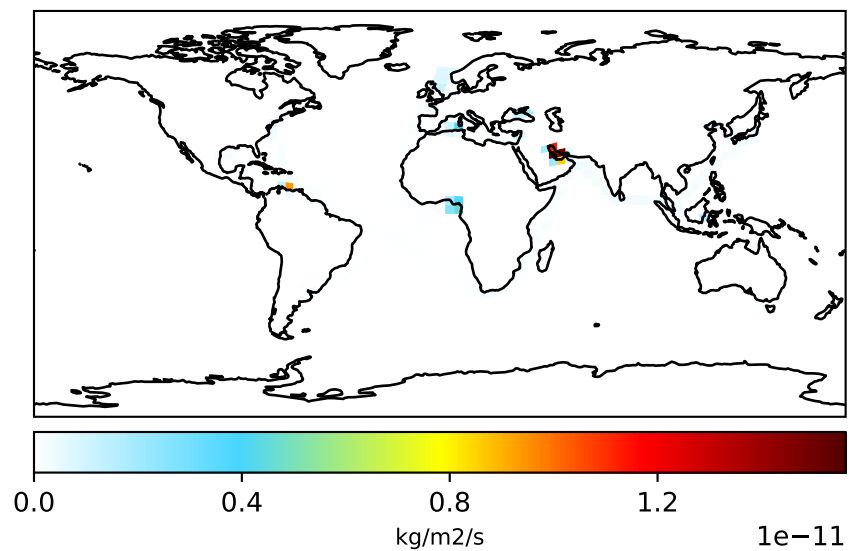


Ratio
Dev/Ref, Fixed Range

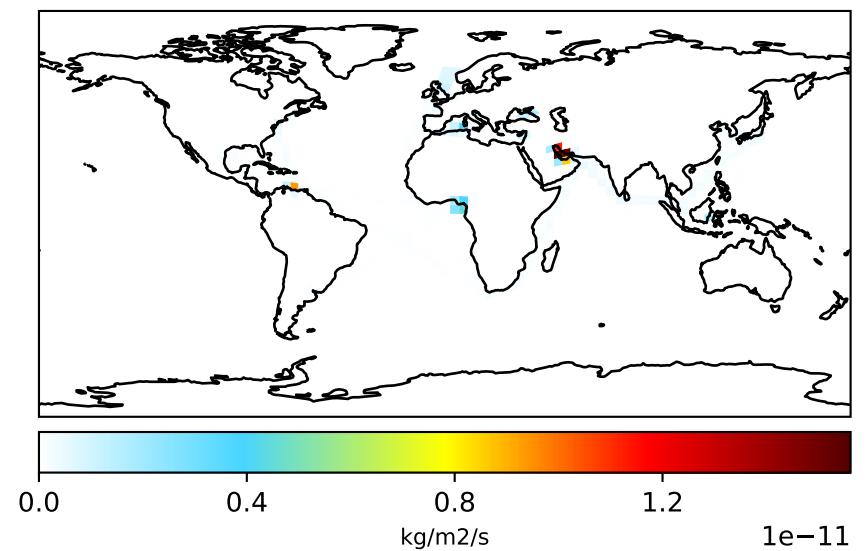


EmisC3H8_Ship

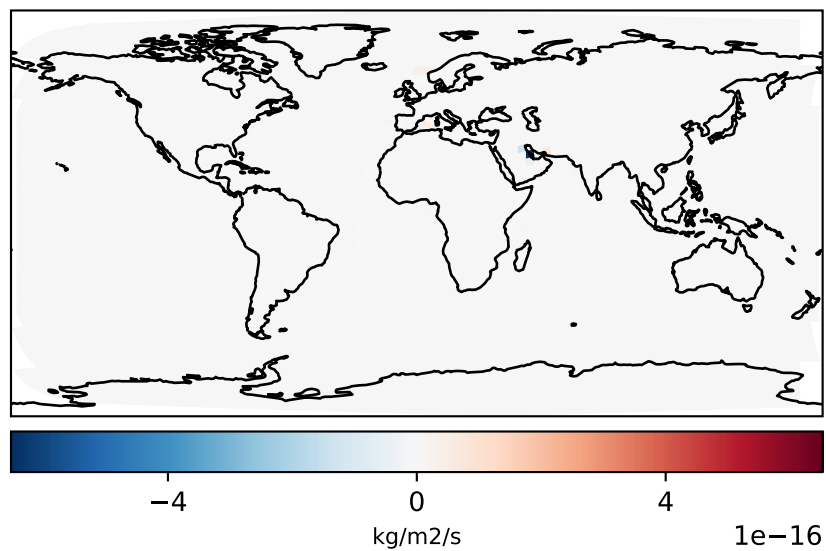
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



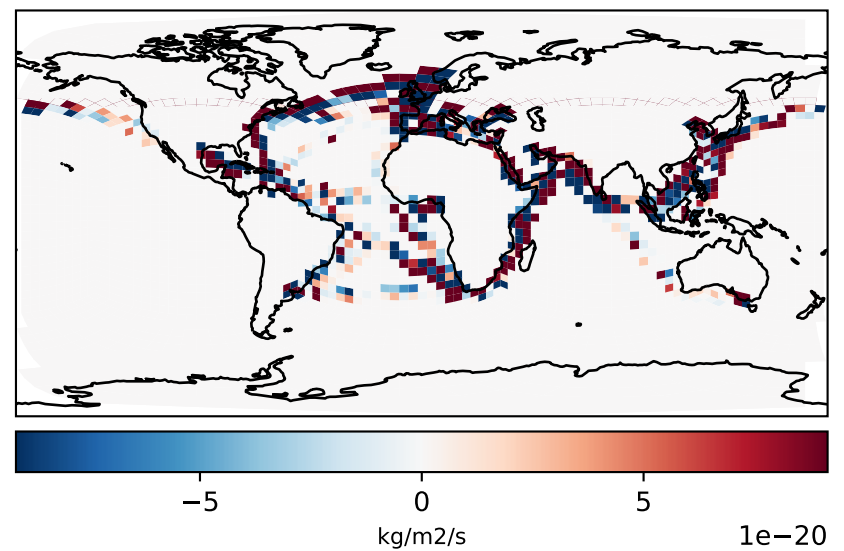
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



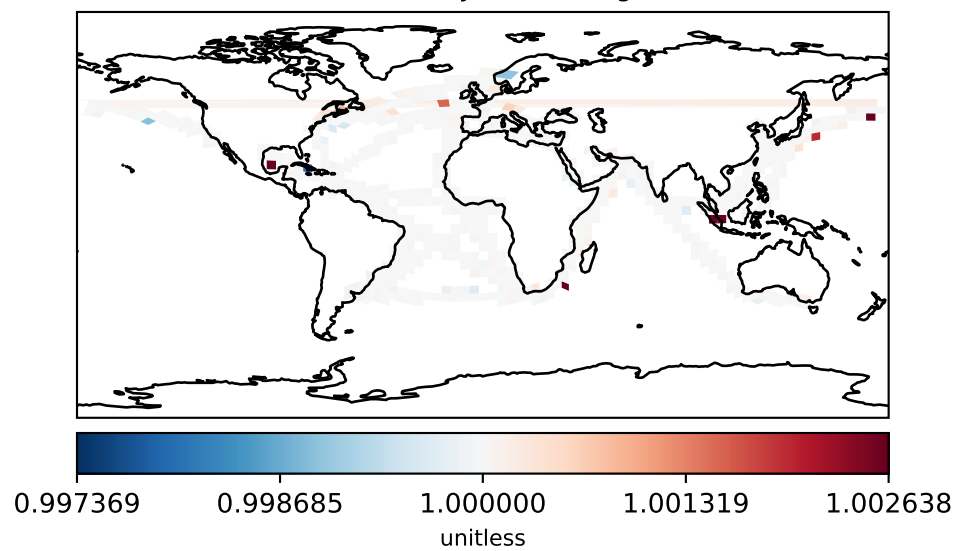
Difference
Dev - Ref, Dynamic Range



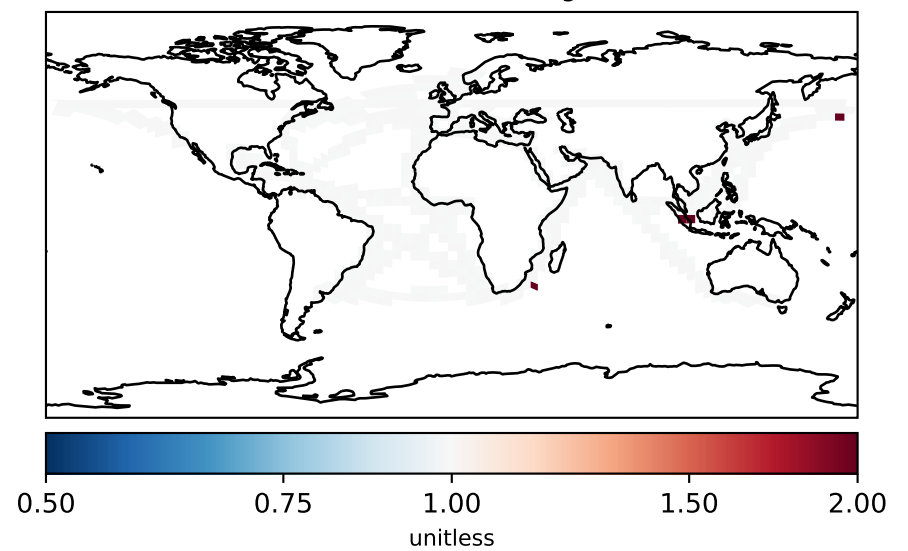
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

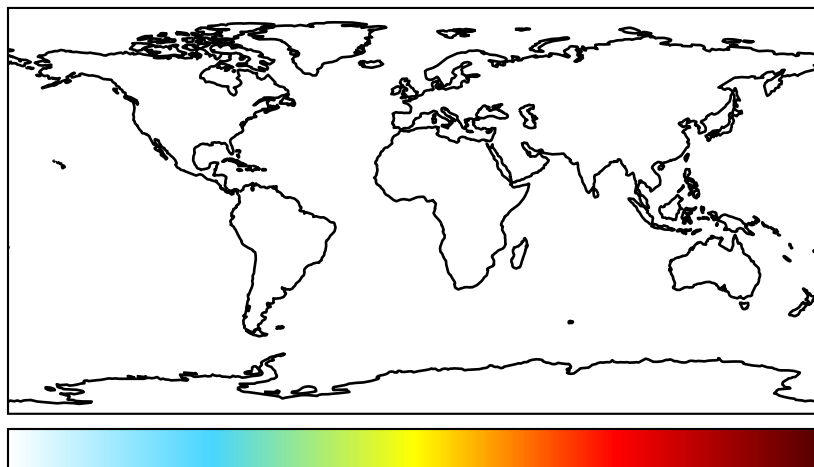


Ratio
Dev/Ref, Fixed Range



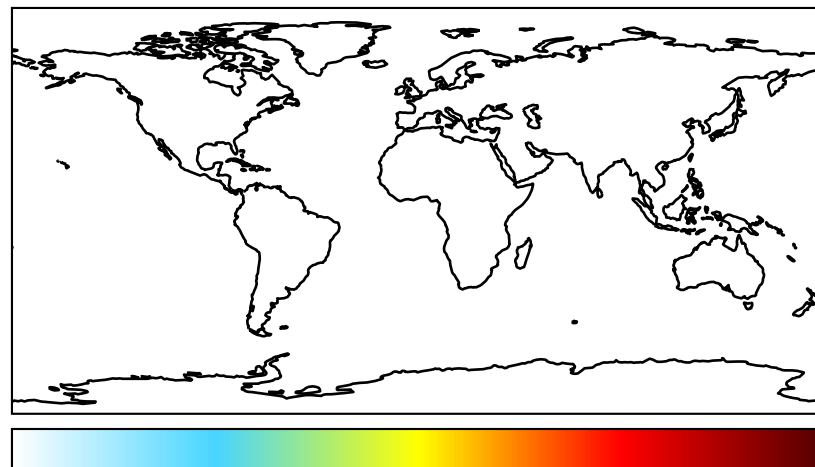
EmisCH2O_Ship

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



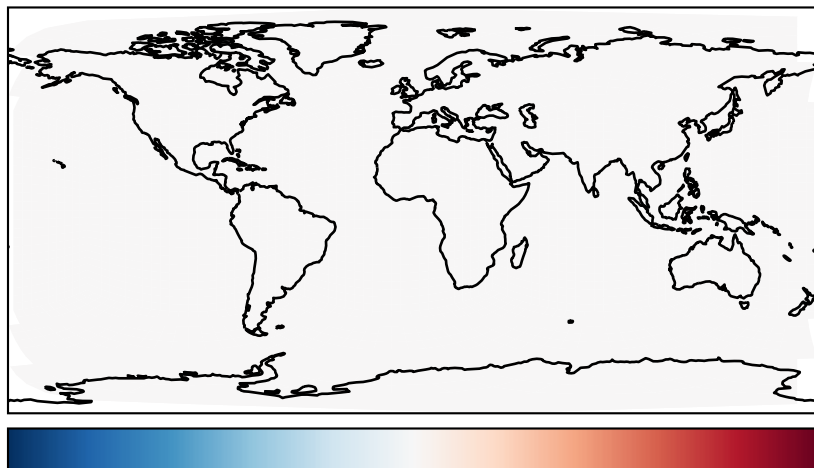
Zero throughout domain
kg/m2/s

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



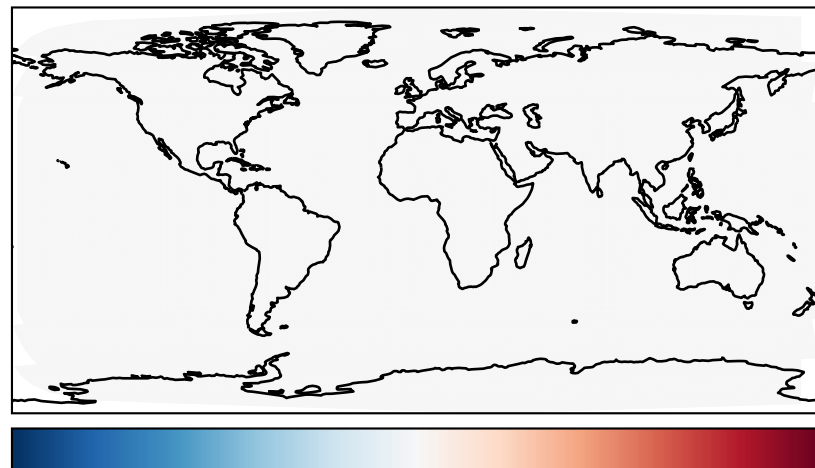
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



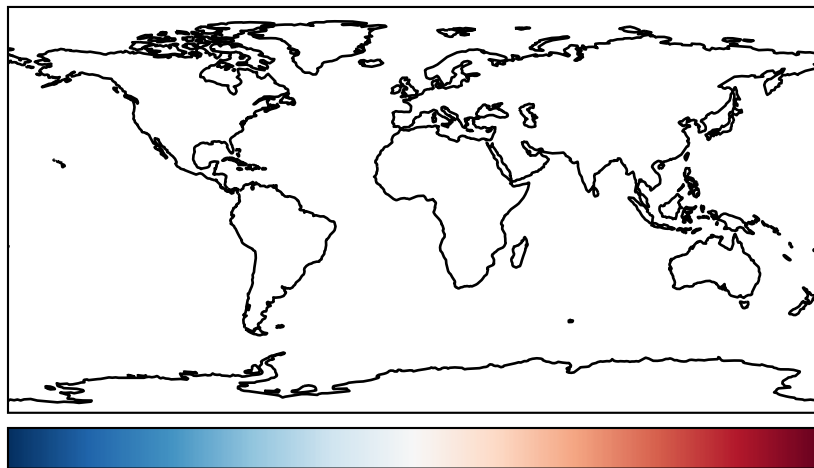
Zero throughout domain
kg/m2/s

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



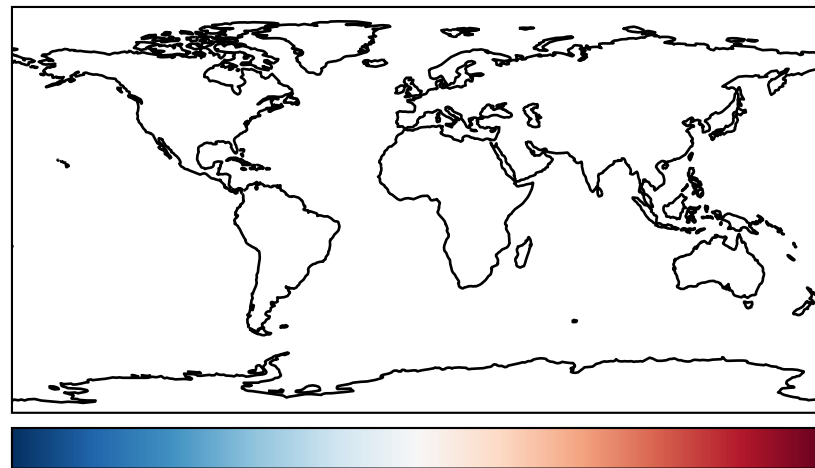
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

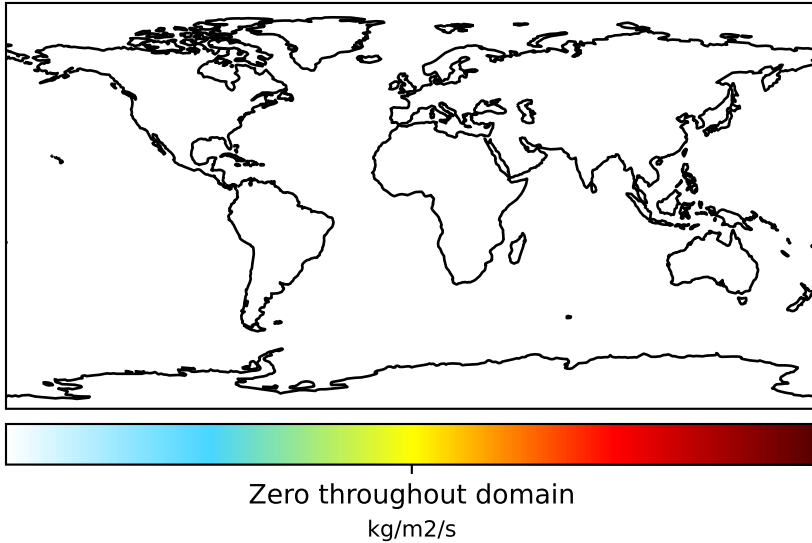
Ratio
Dev/Ref, Fixed Range



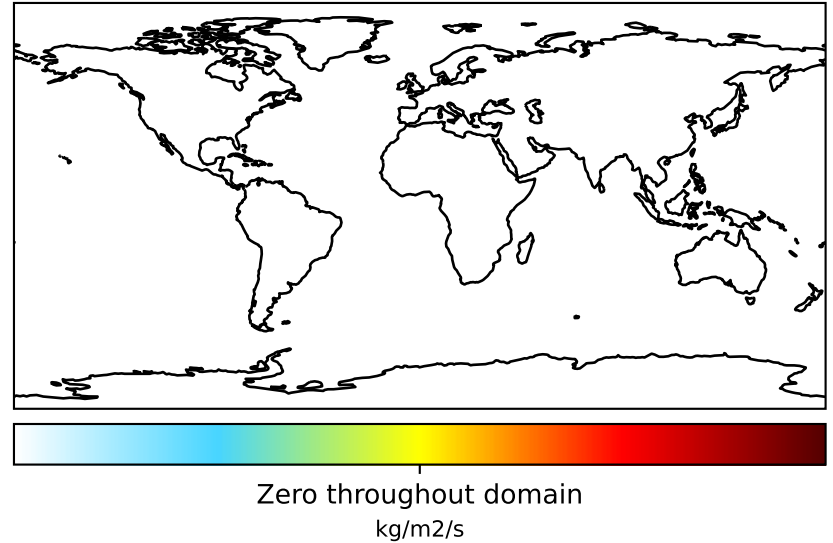
Undefined throughout domain
unitless

EmisCO2_Ship

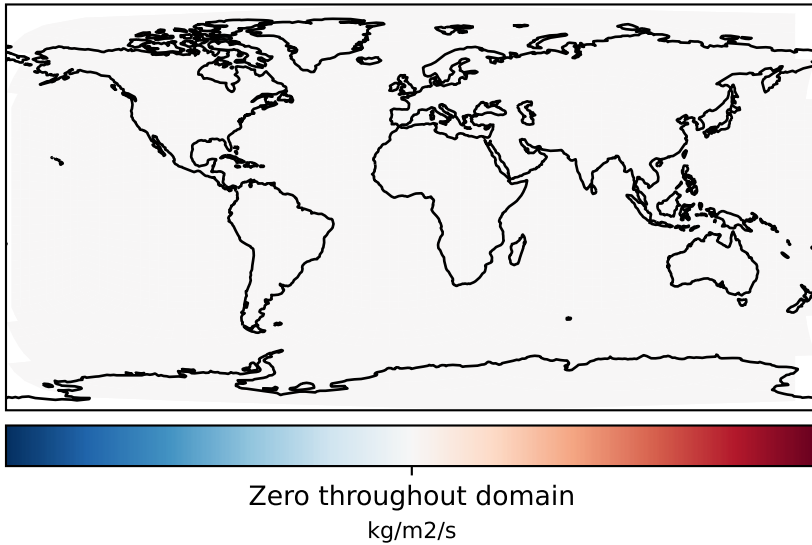
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



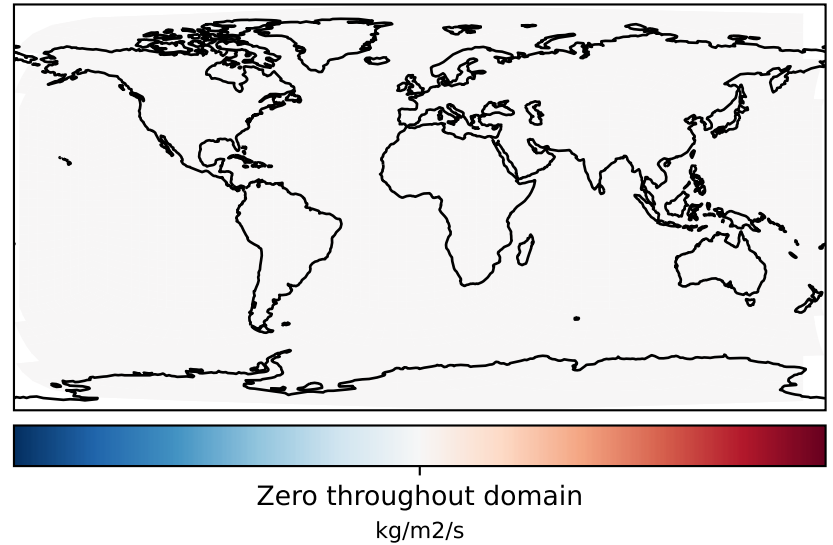
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



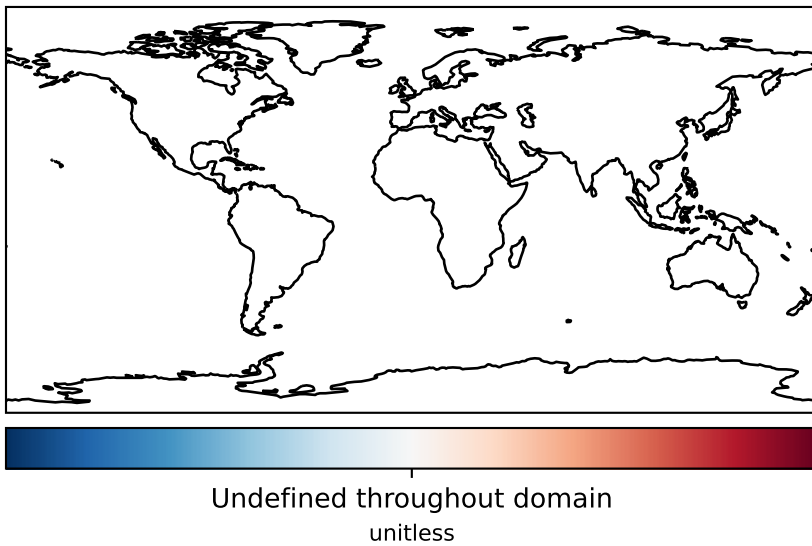
Difference
Dev - Ref, Dynamic Range



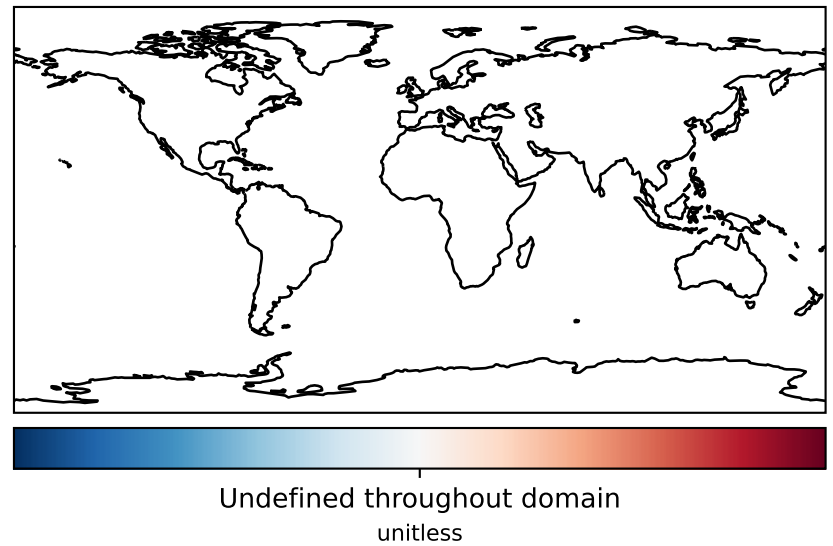
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

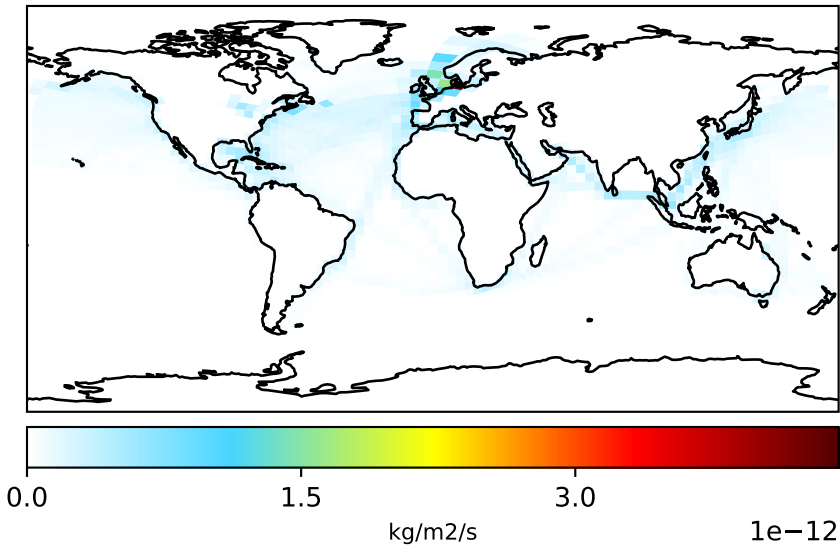


Ratio
Dev/Ref, Fixed Range

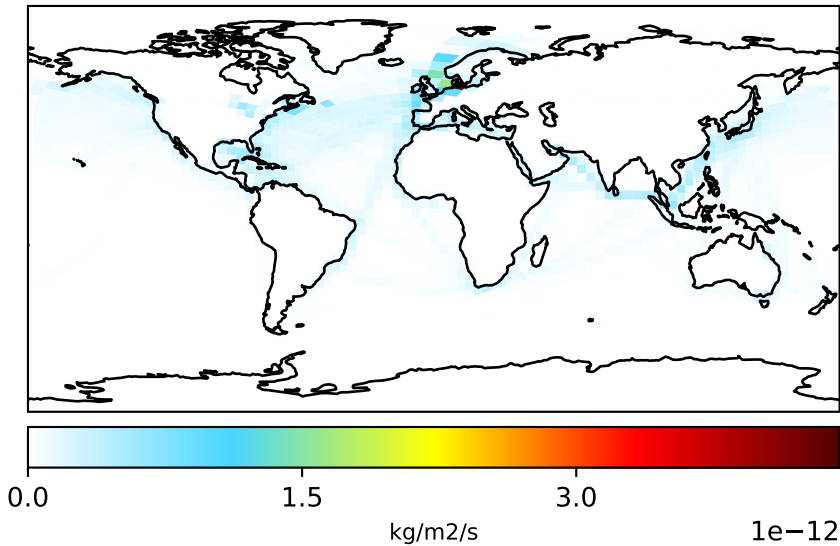


EmisCO_Ship

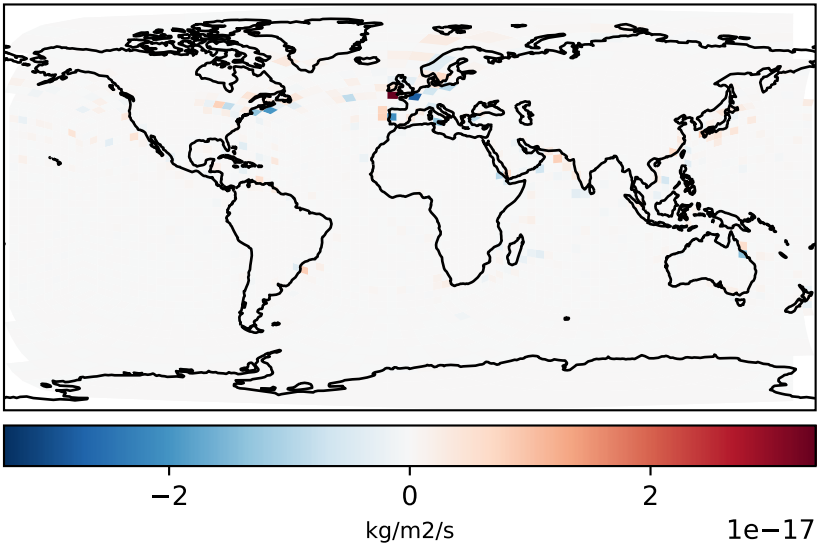
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



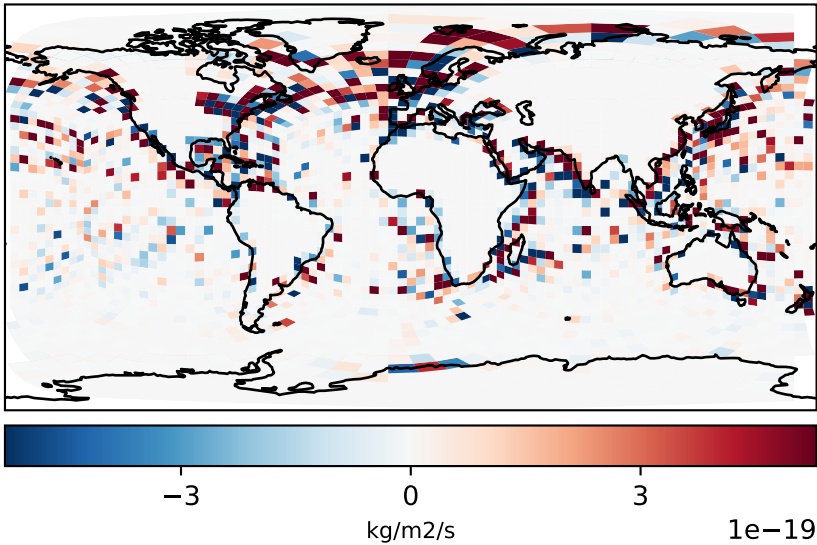
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



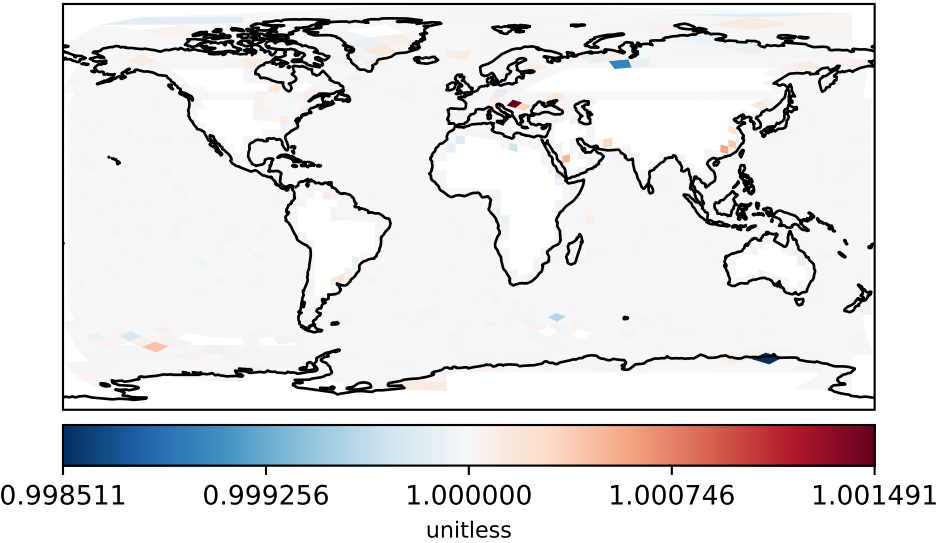
Difference
Dev - Ref, Dynamic Range



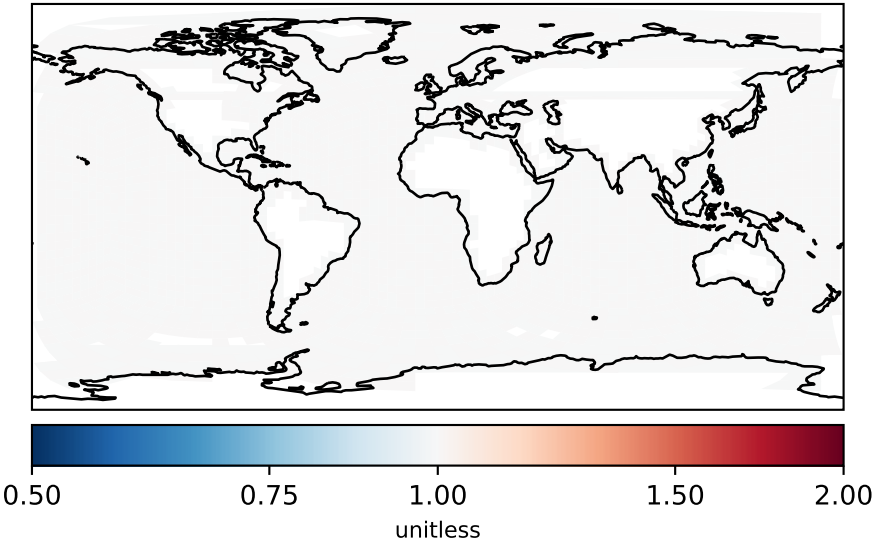
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

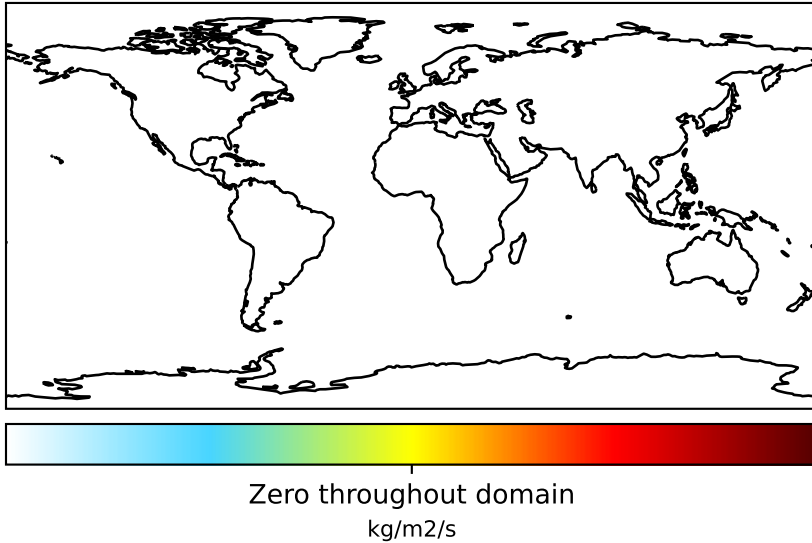


Ratio
Dev/Ref, Fixed Range

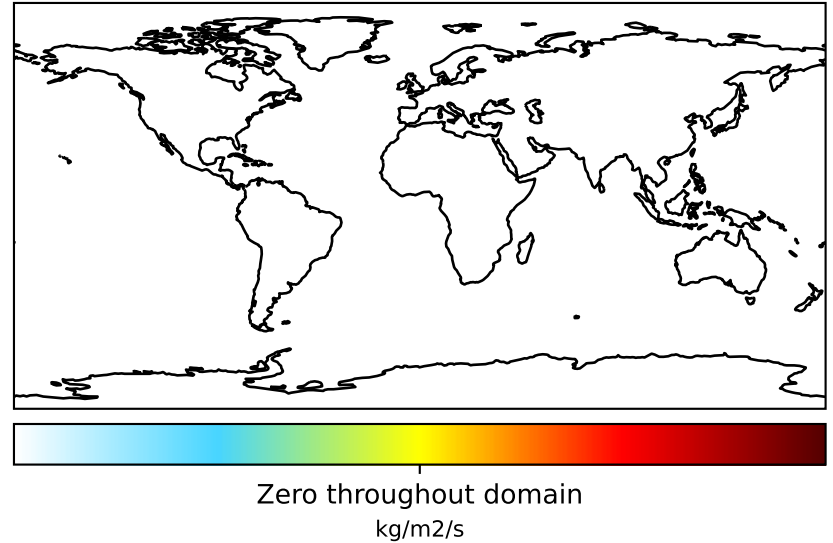


EmisEOH_Ship

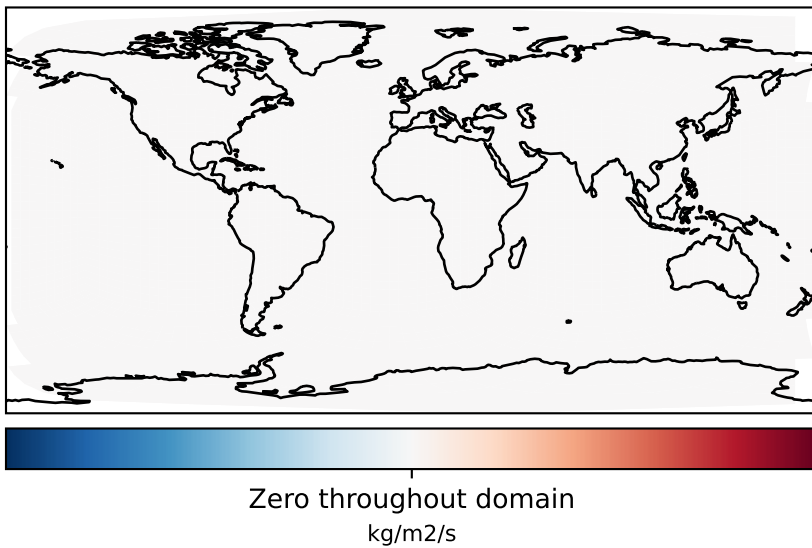
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



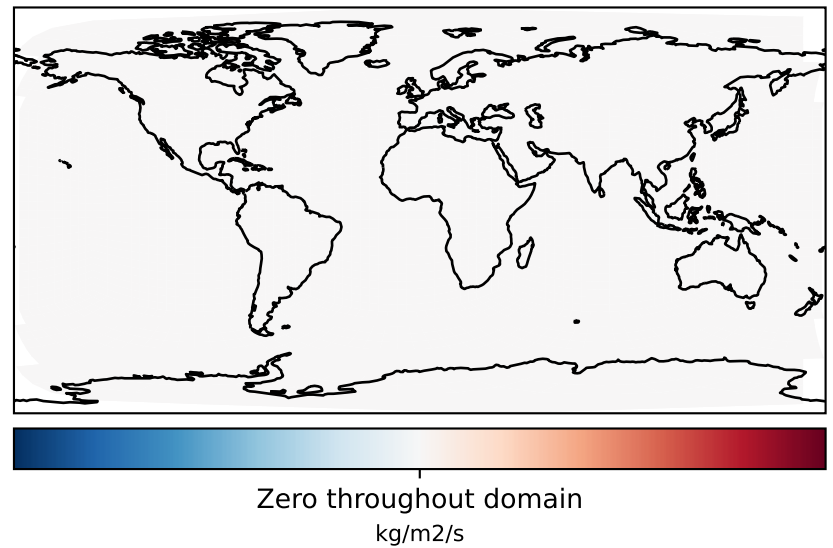
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



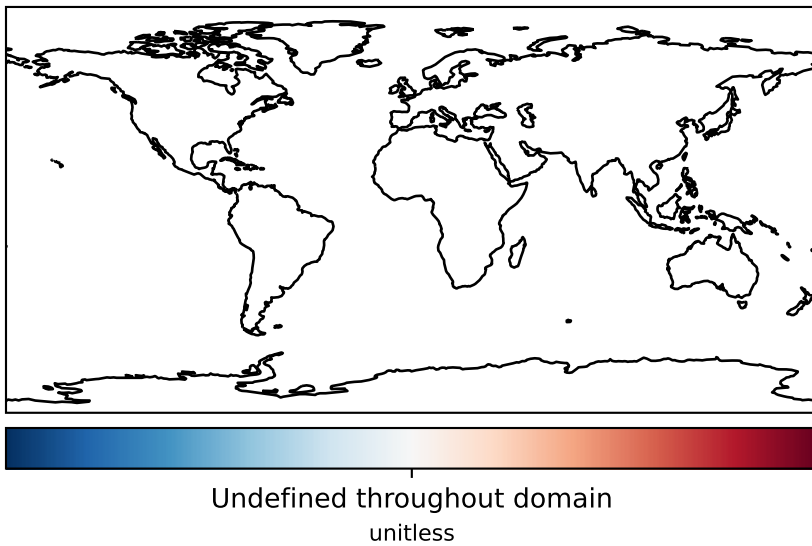
Difference
Dev - Ref, Dynamic Range



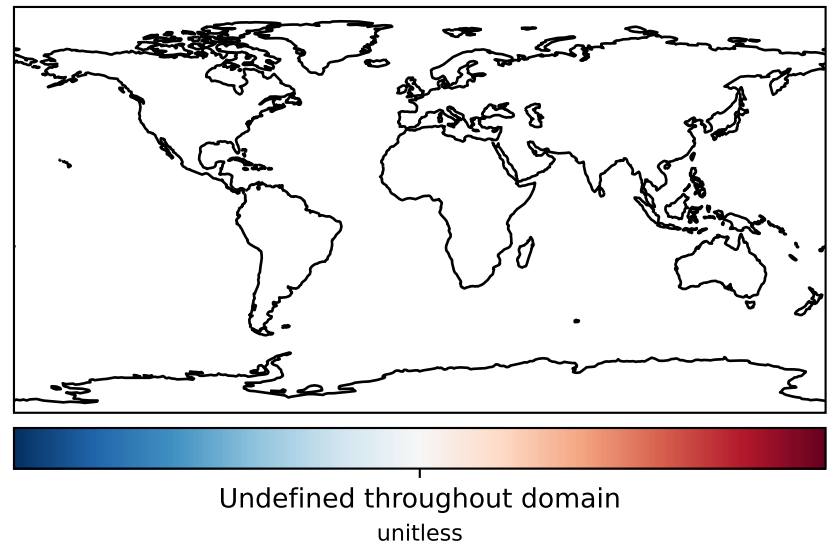
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

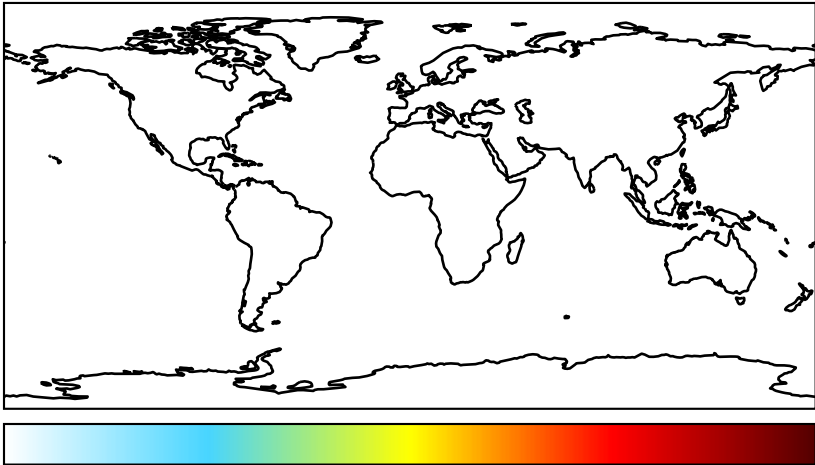


Ratio
Dev/Ref, Fixed Range



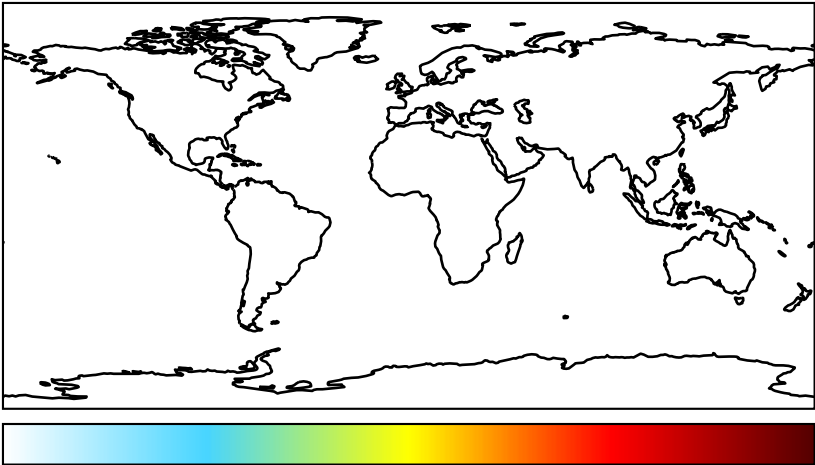
EmisHCOOH_Ship

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



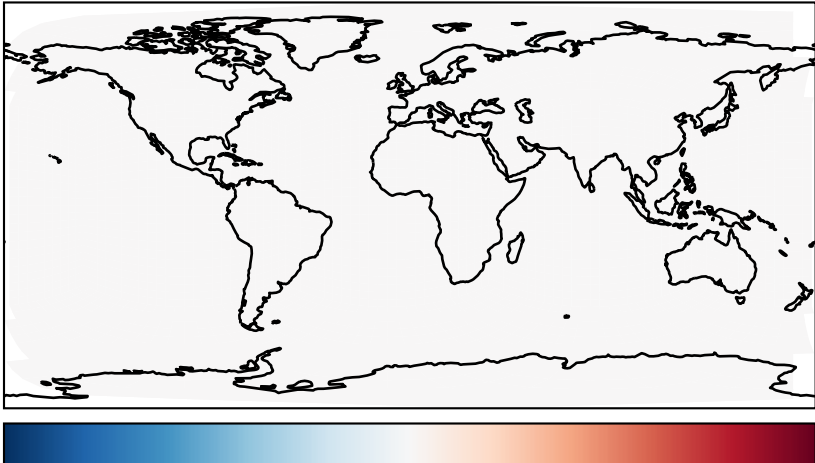
Zero throughout domain
kg/m2/s

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



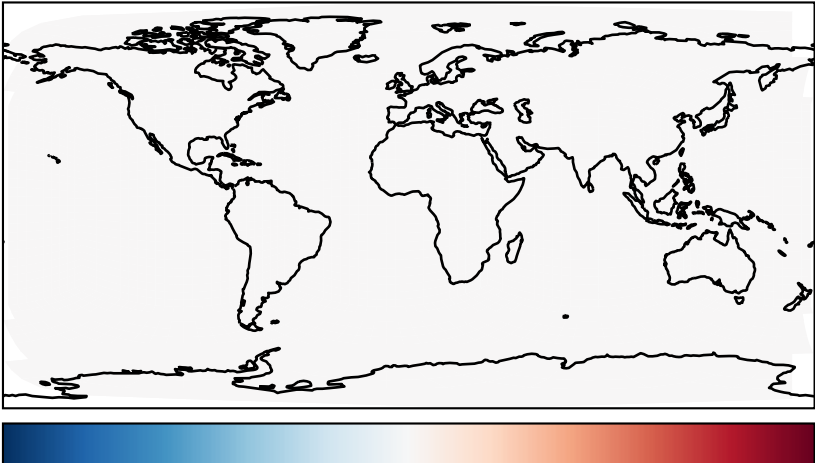
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



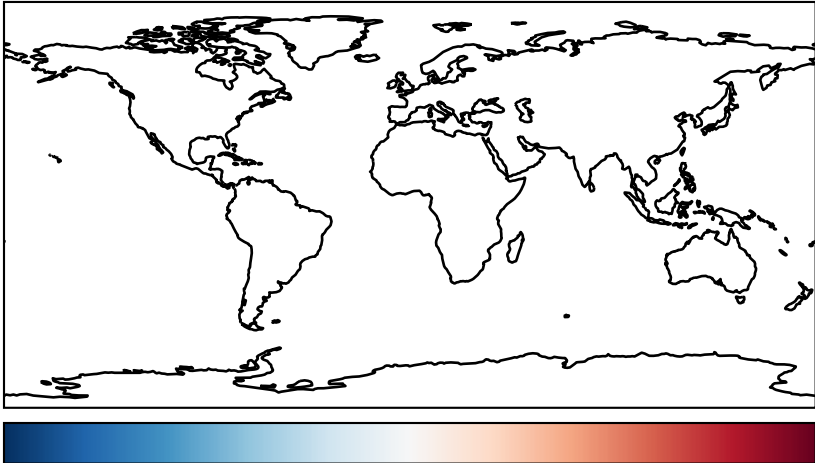
Zero throughout domain
kg/m2/s

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



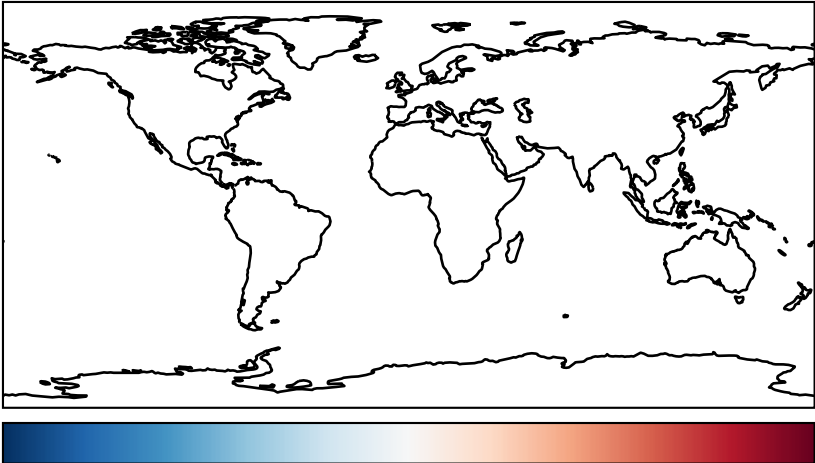
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

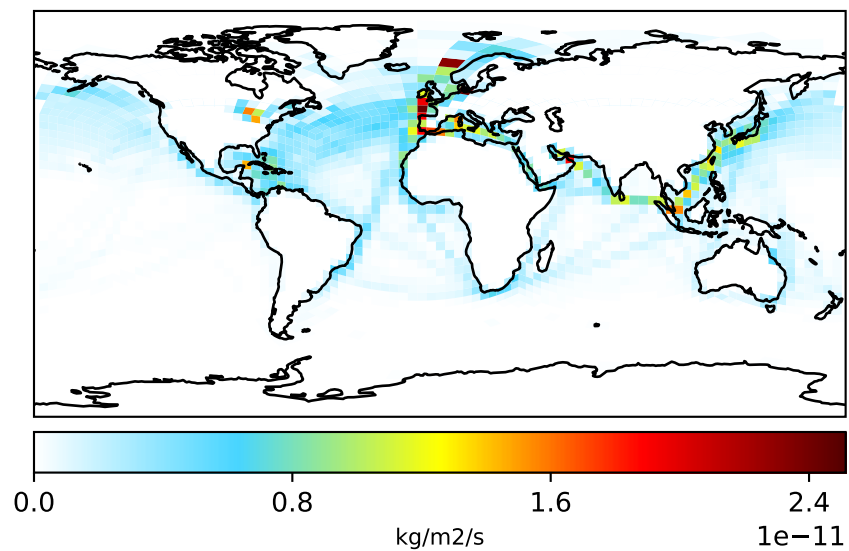
Ratio
Dev/Ref, Fixed Range



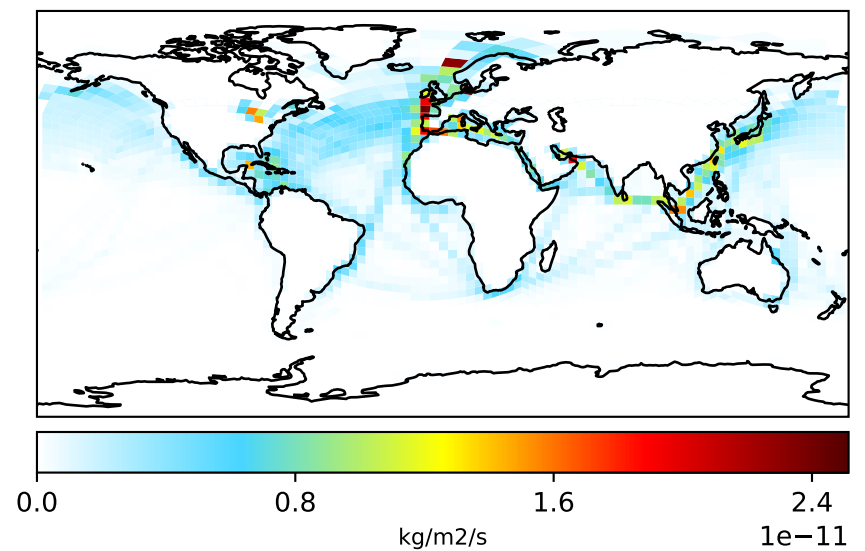
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unitless

EmisHNO3_Ship

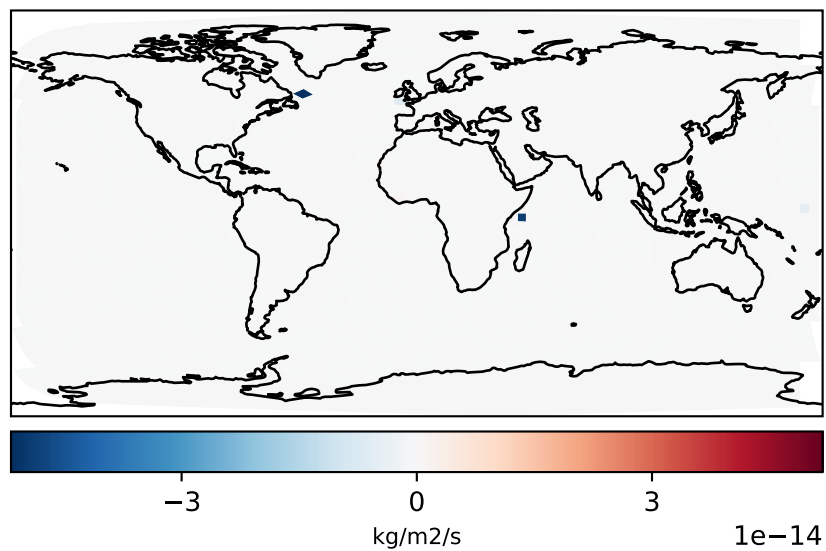
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



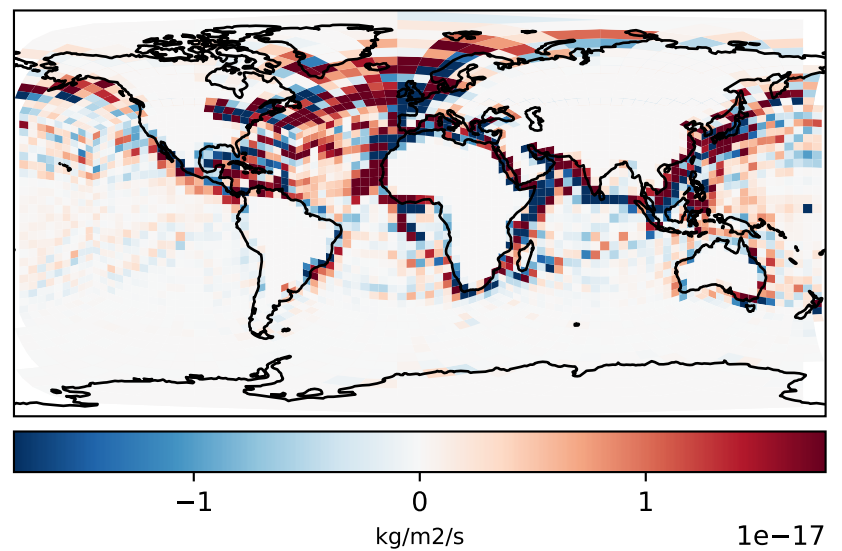
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



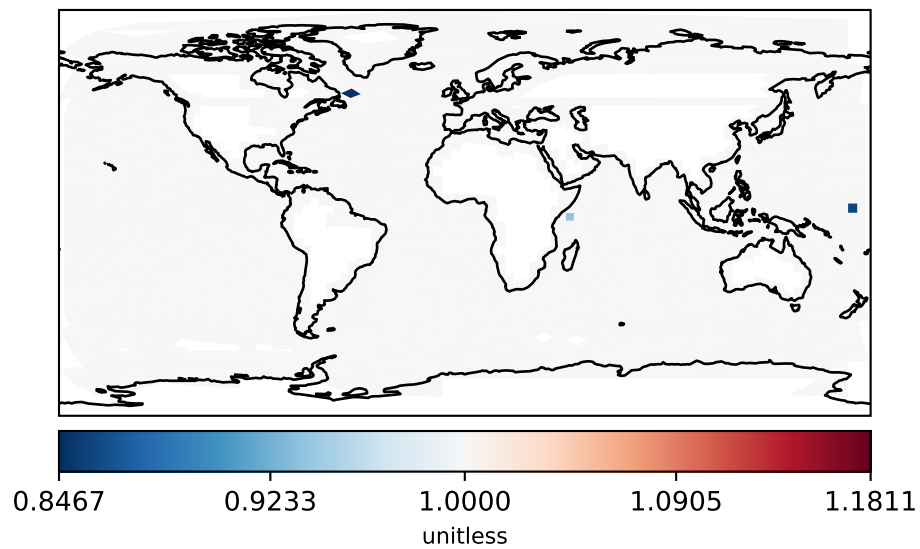
Difference
Dev - Ref, Dynamic Range



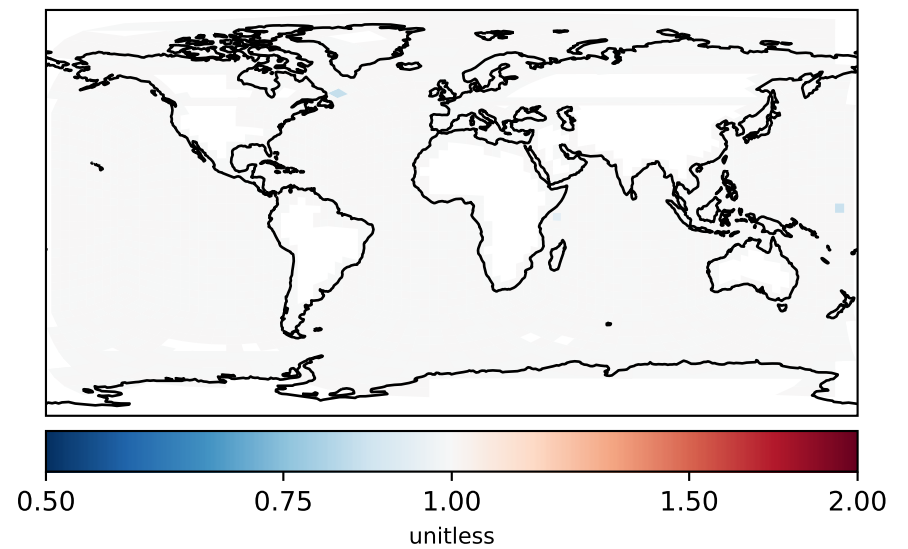
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

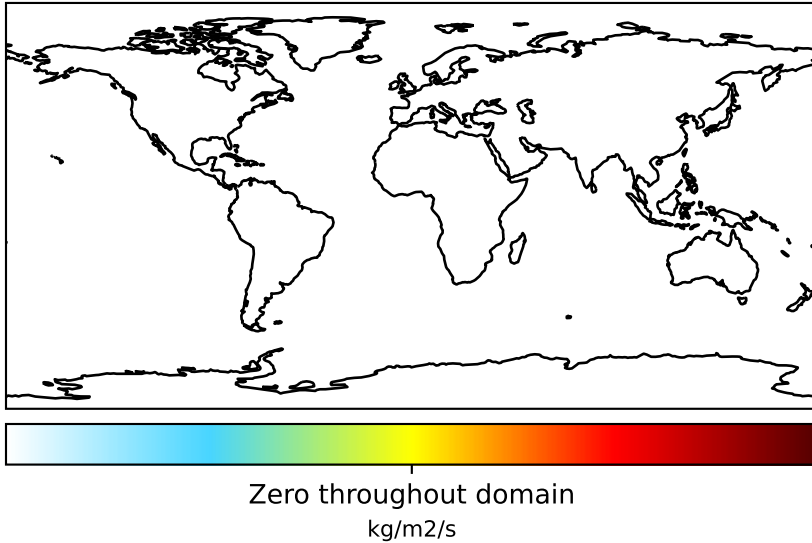


Ratio
Dev/Ref, Fixed Range

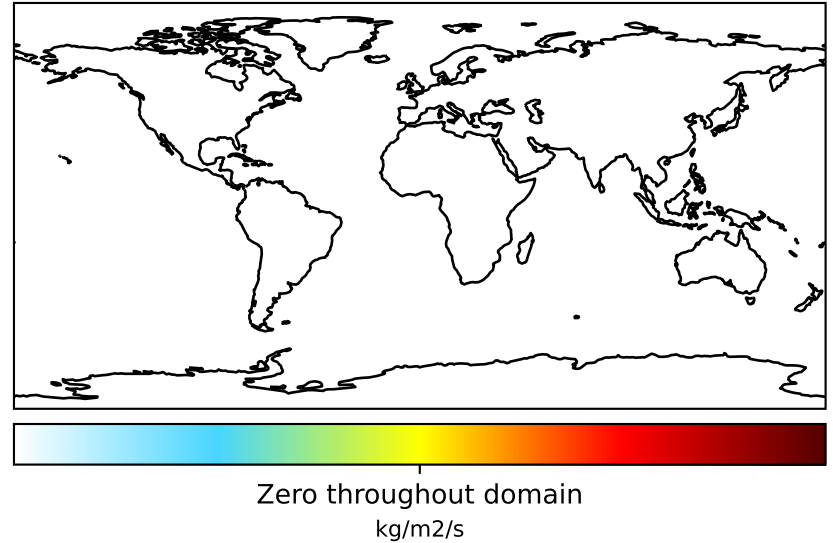


EmisMEK_Ship

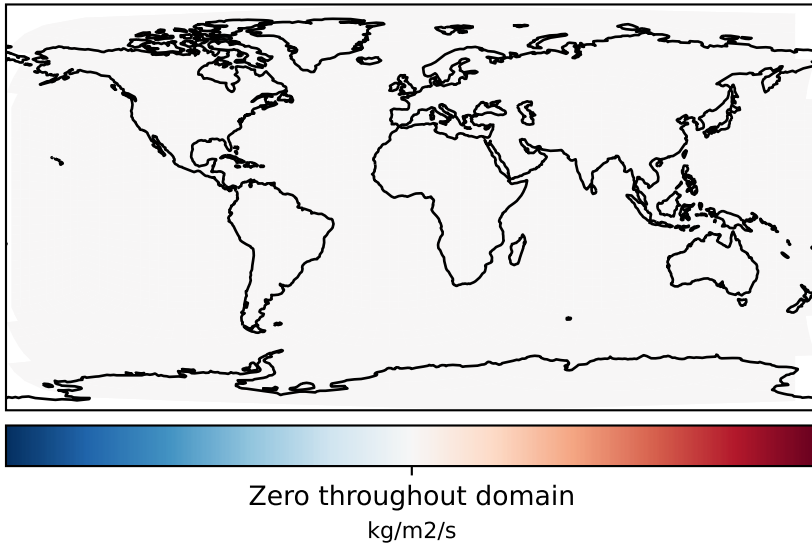
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



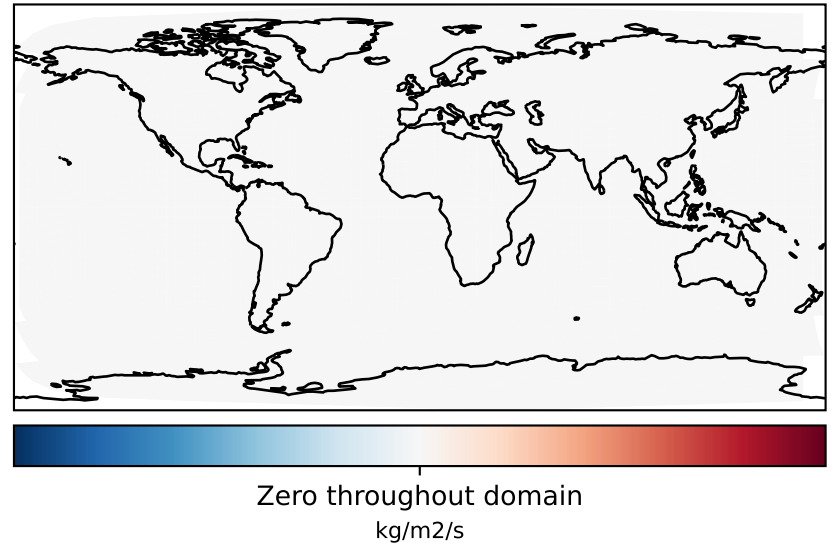
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



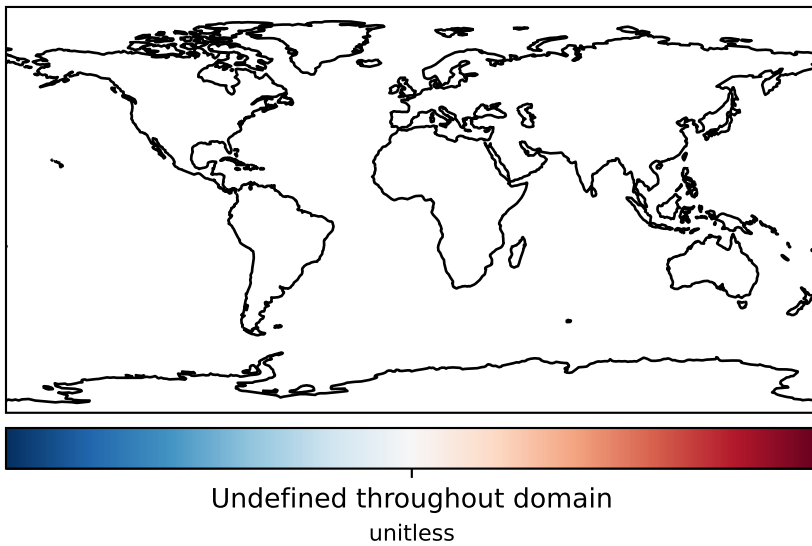
Difference
Dev - Ref, Dynamic Range



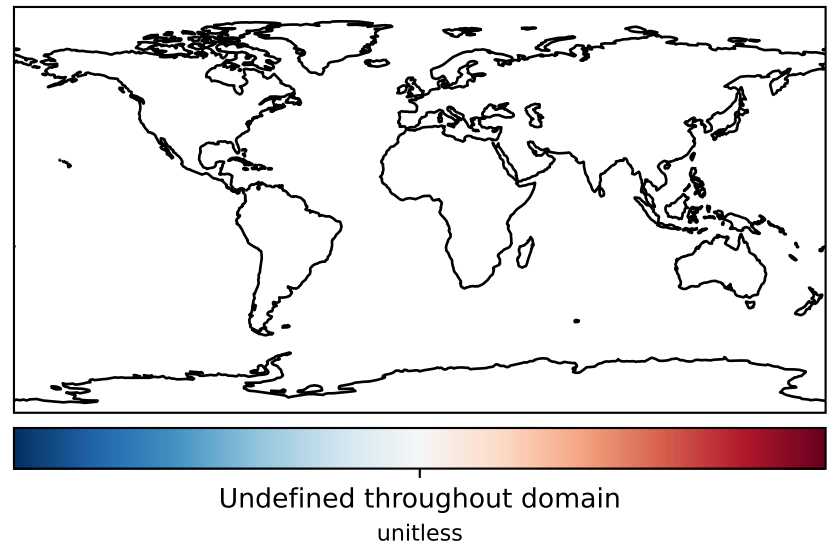
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

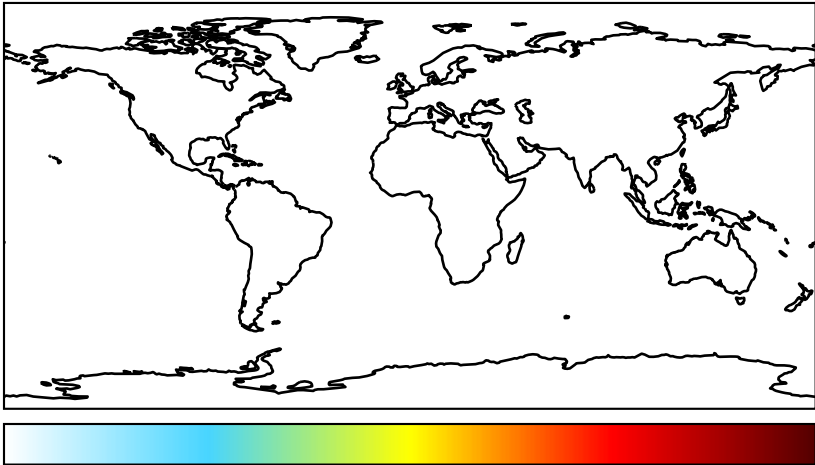


Ratio
Dev/Ref, Fixed Range

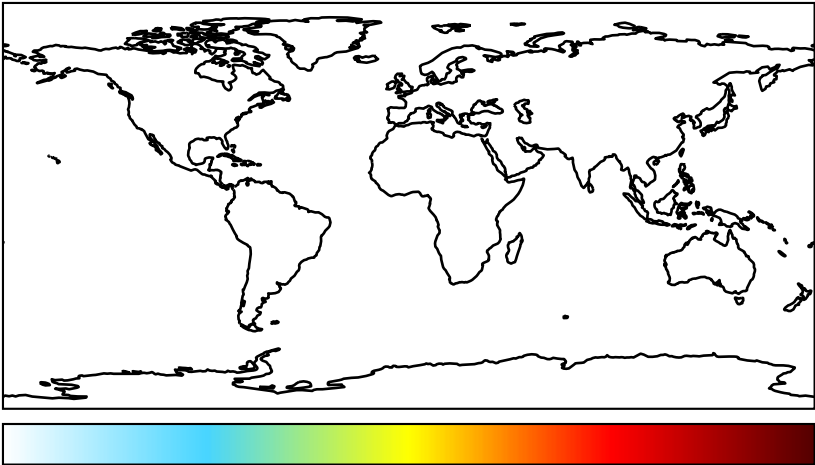


EmisMOH_Ship

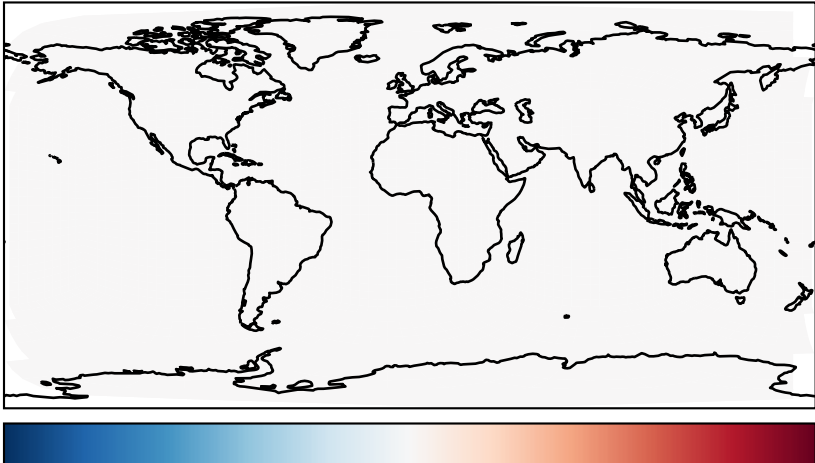
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



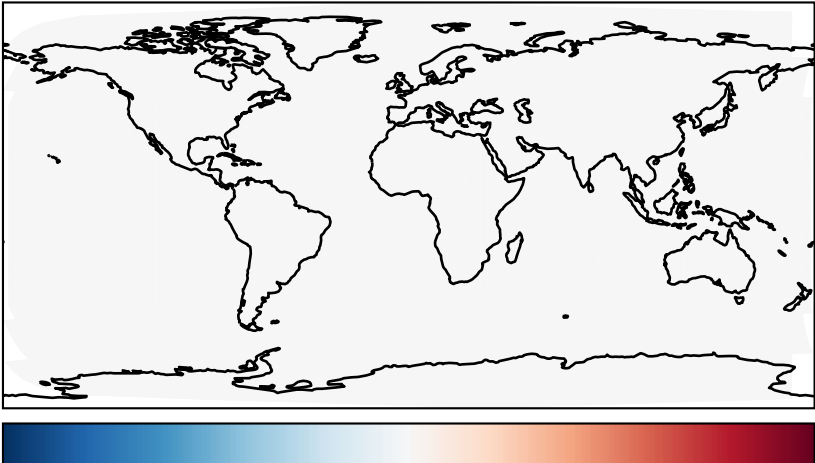
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



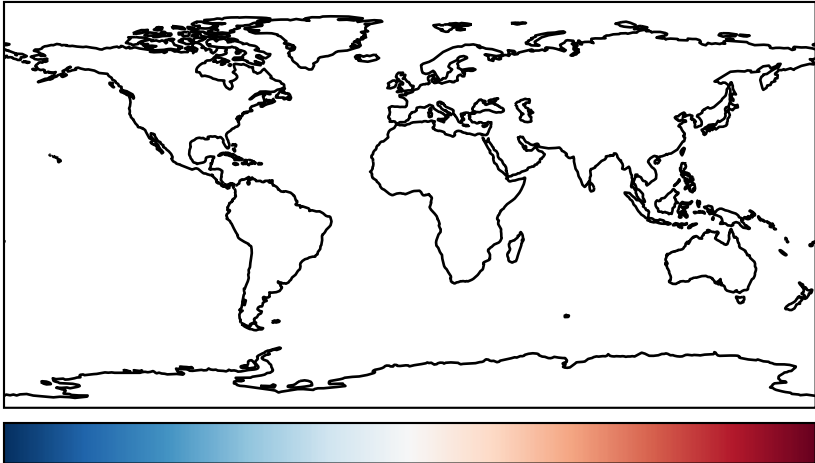
Difference
Dev - Ref, Dynamic Range



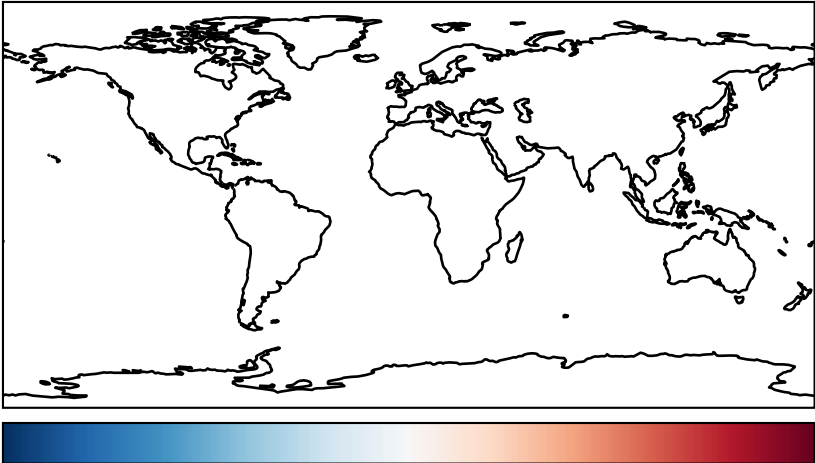
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

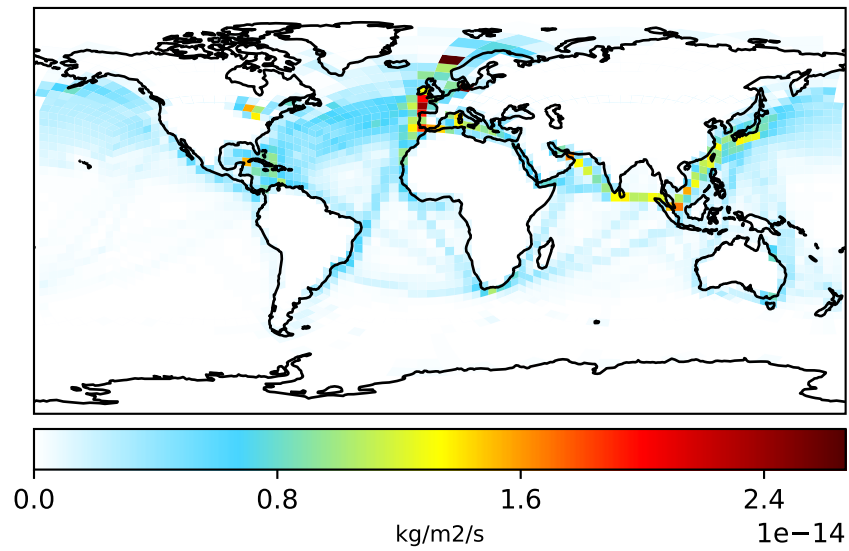


Ratio
Dev/Ref, Fixed Range

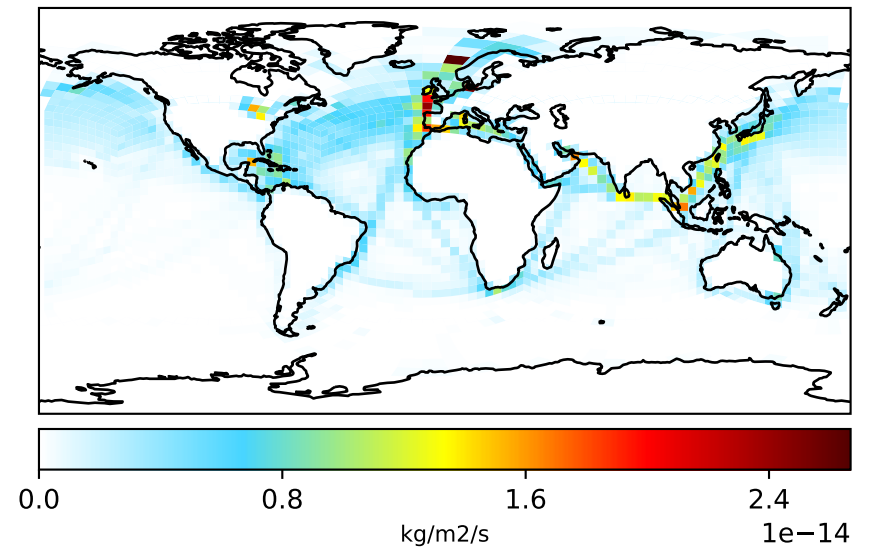


EmisNH3_Ship

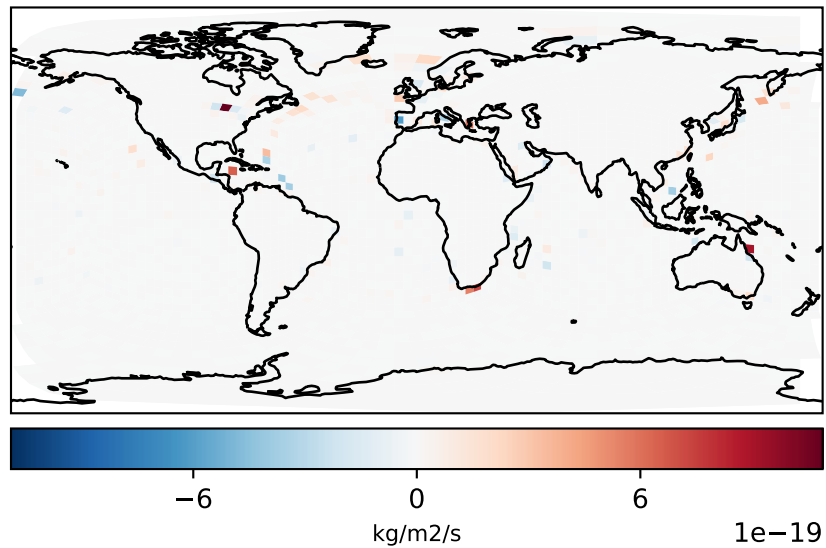
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



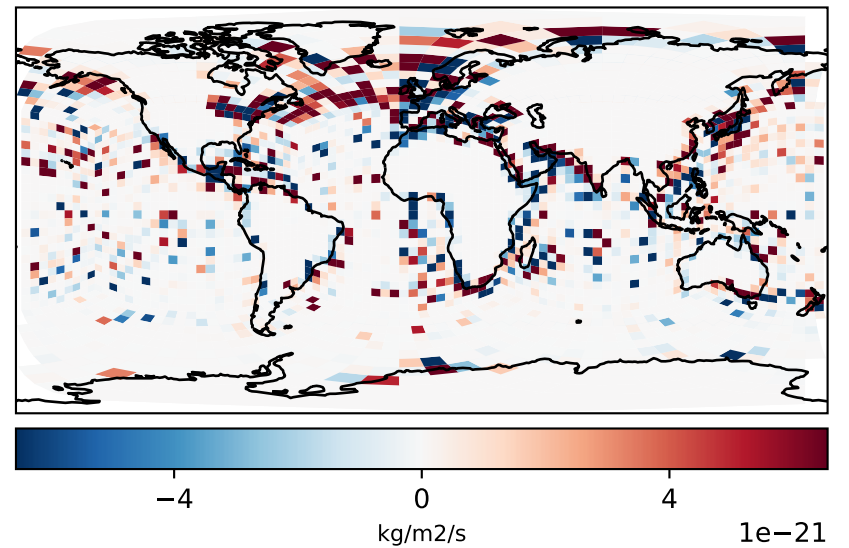
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



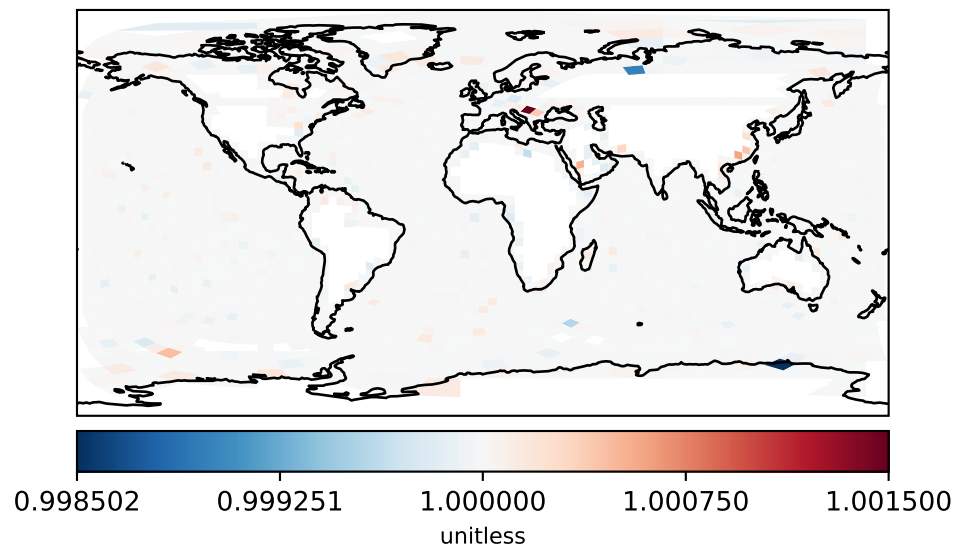
Difference
Dev - Ref, Dynamic Range



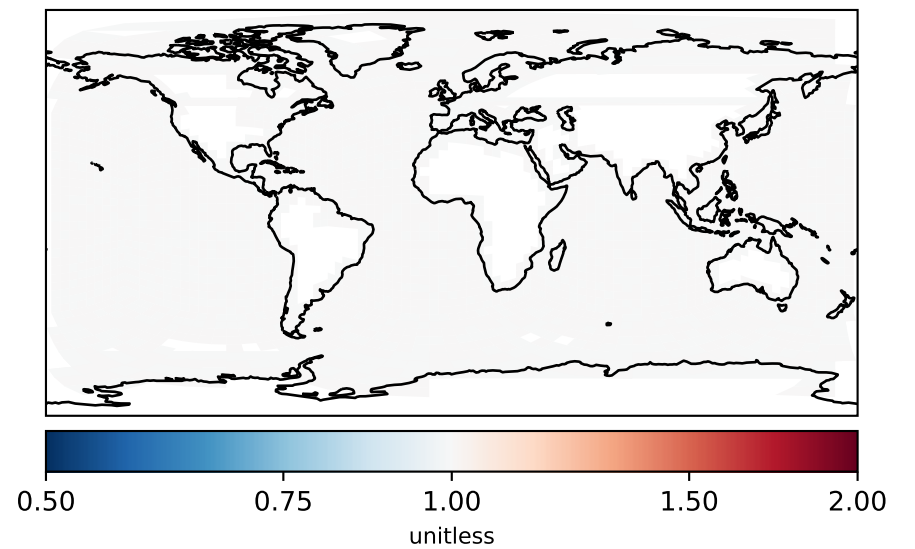
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

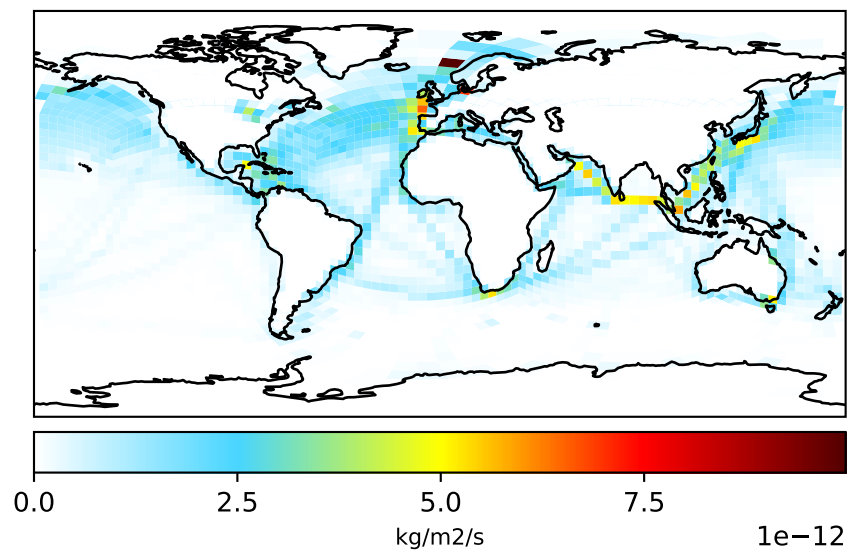


Ratio
Dev/Ref, Fixed Range

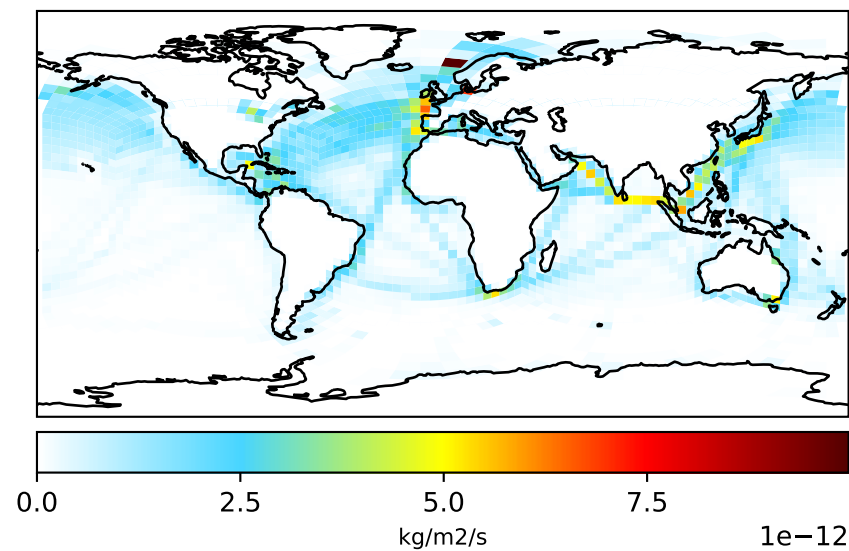


EmisNO2_Ship

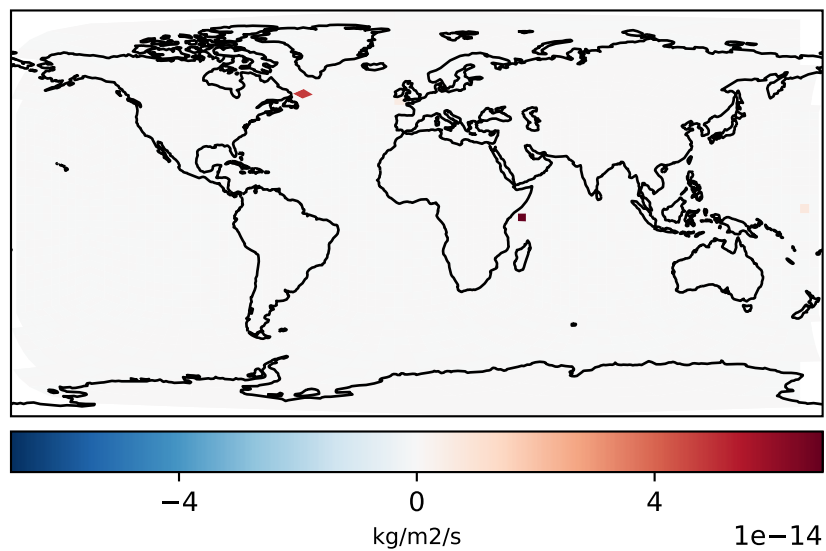
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



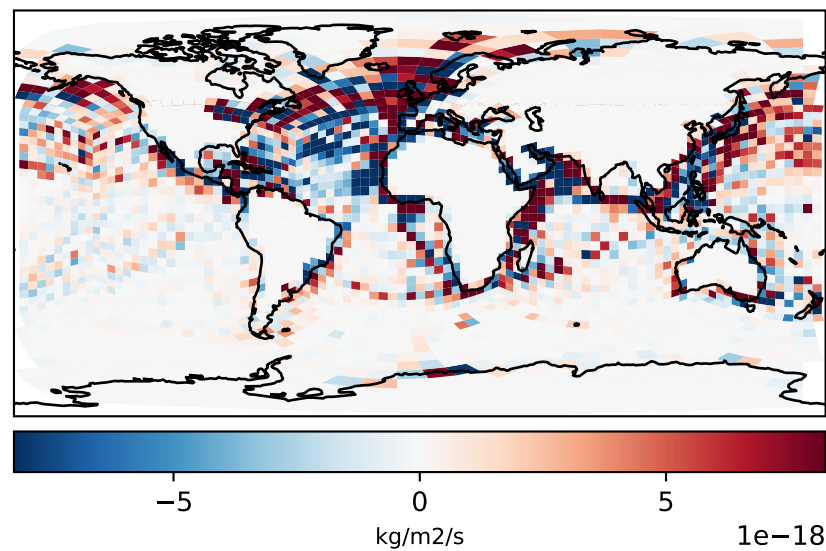
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c24



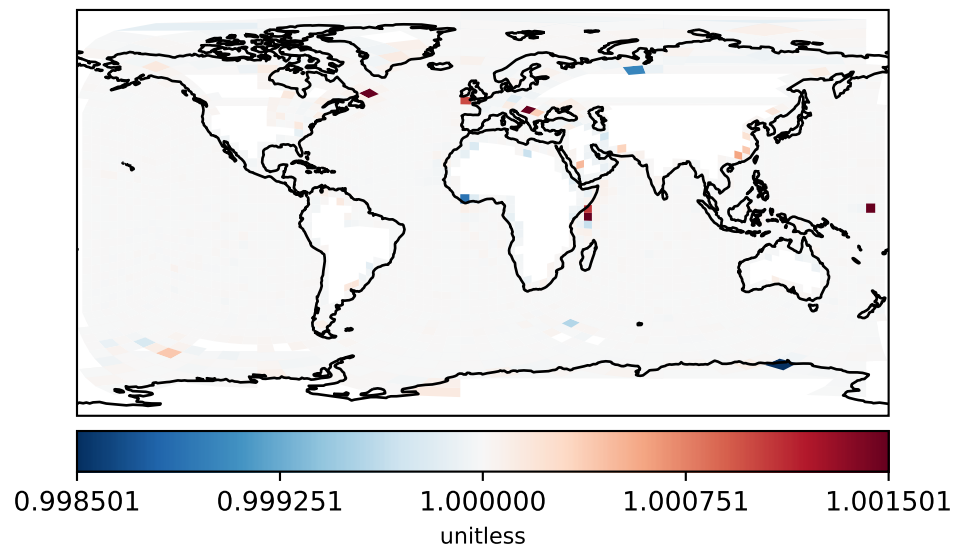
Difference
Dev - Ref, Dynamic Range



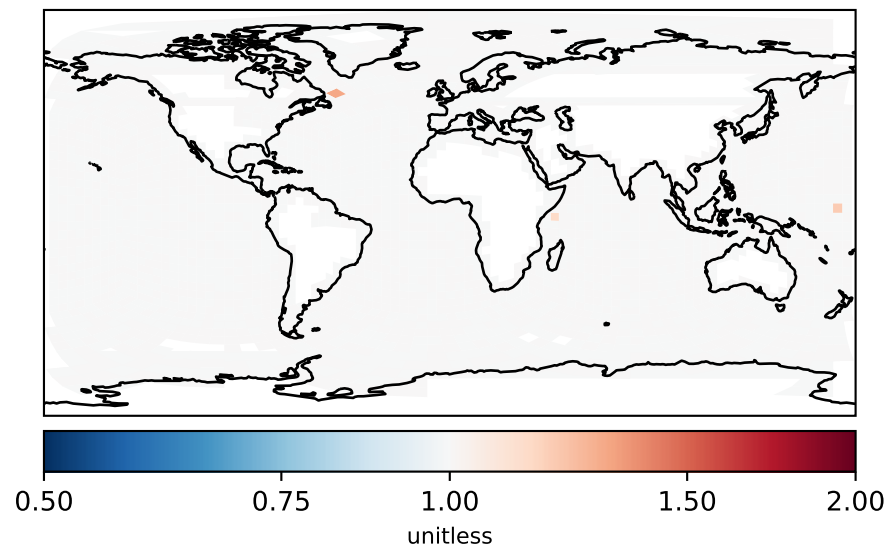
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

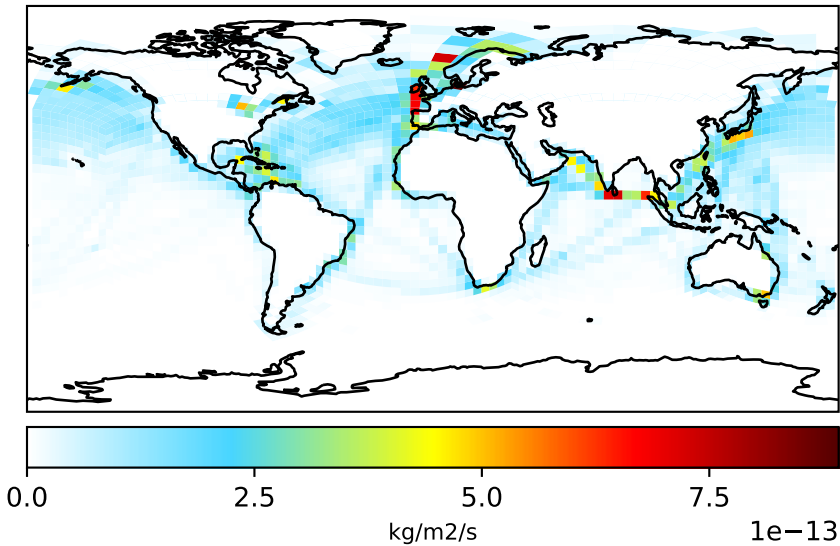


Ratio
Dev/Ref, Fixed Range

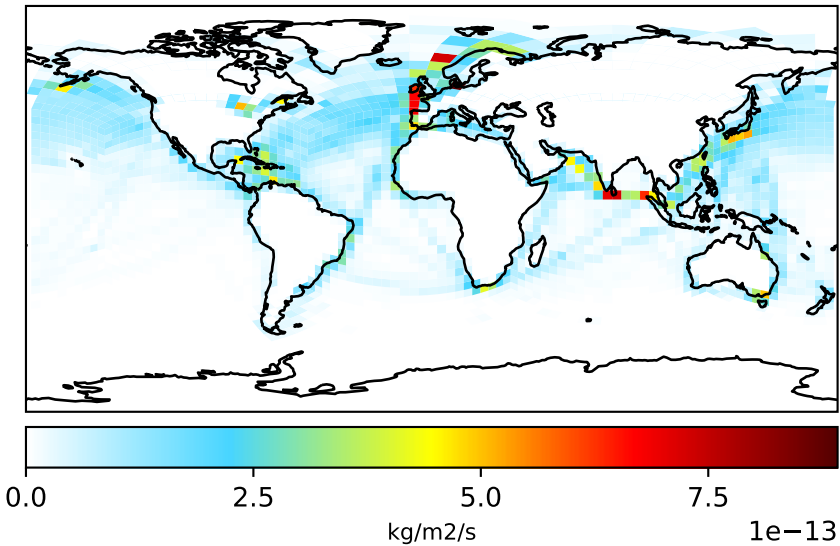


EmisNO_Ship

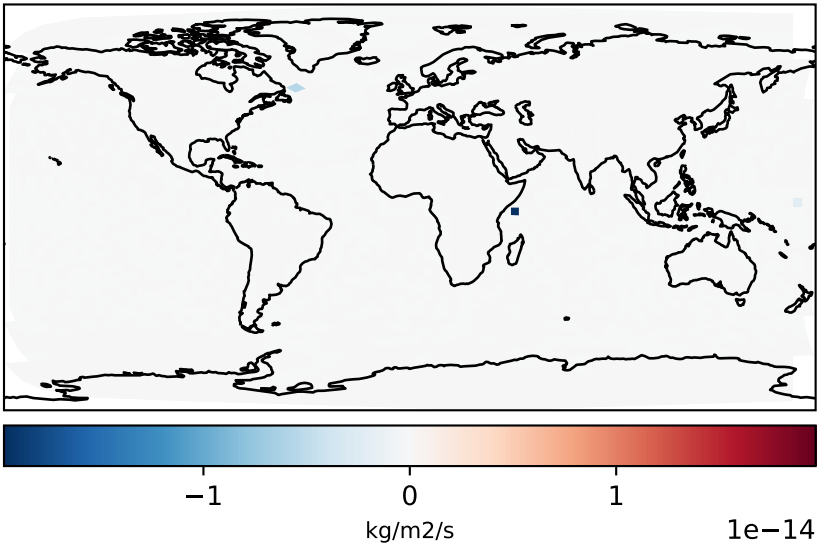
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



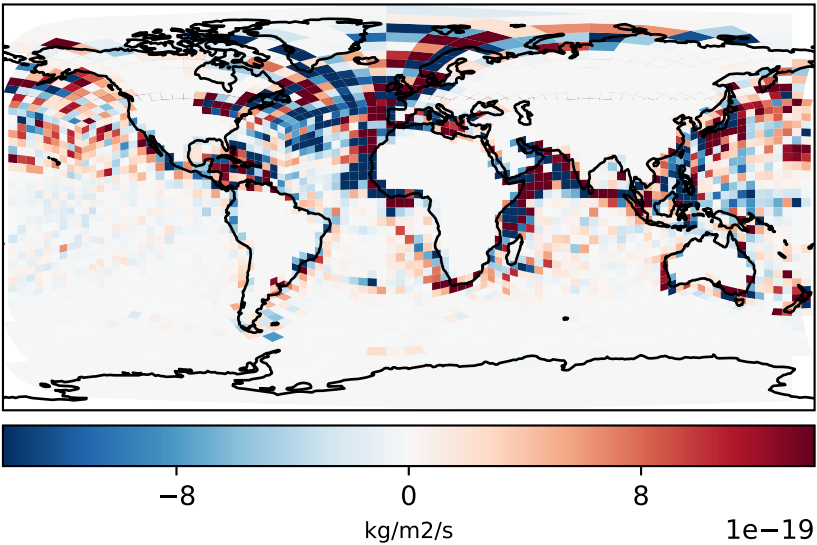
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



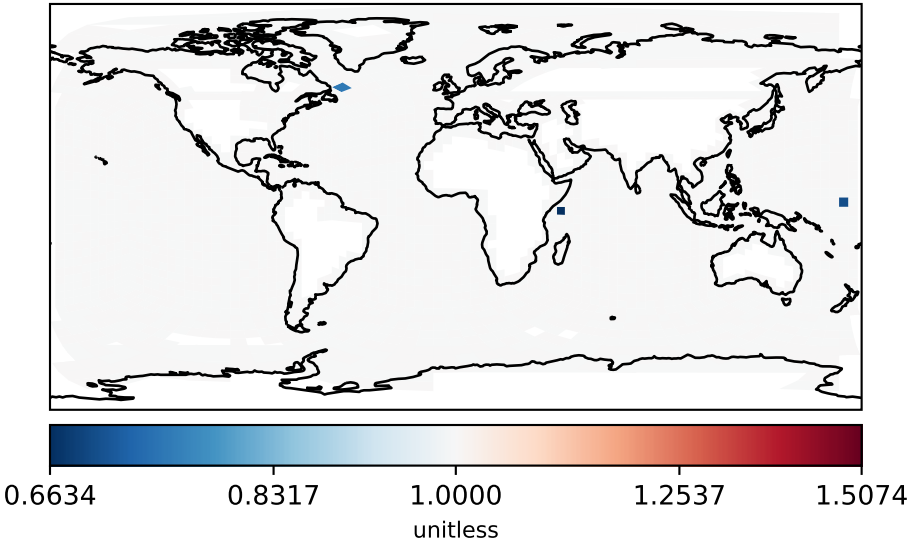
Difference
Dev - Ref, Dynamic Range



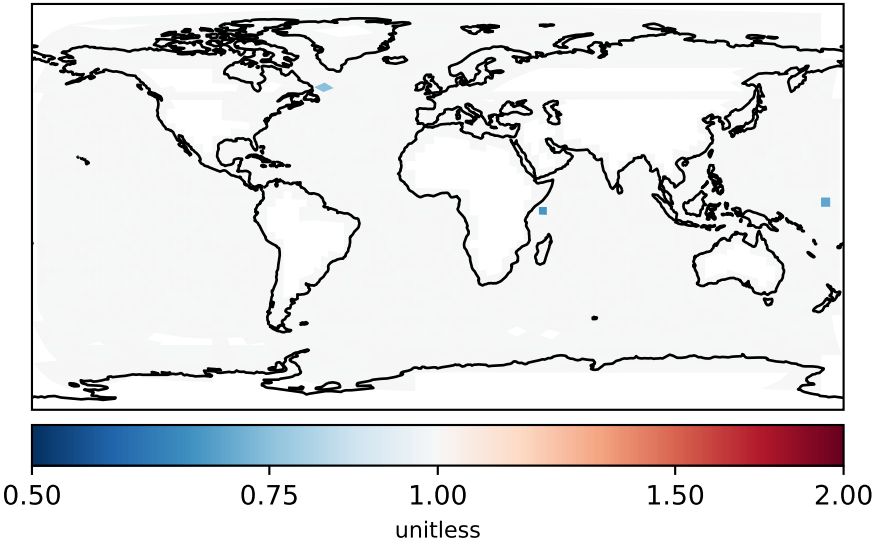
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

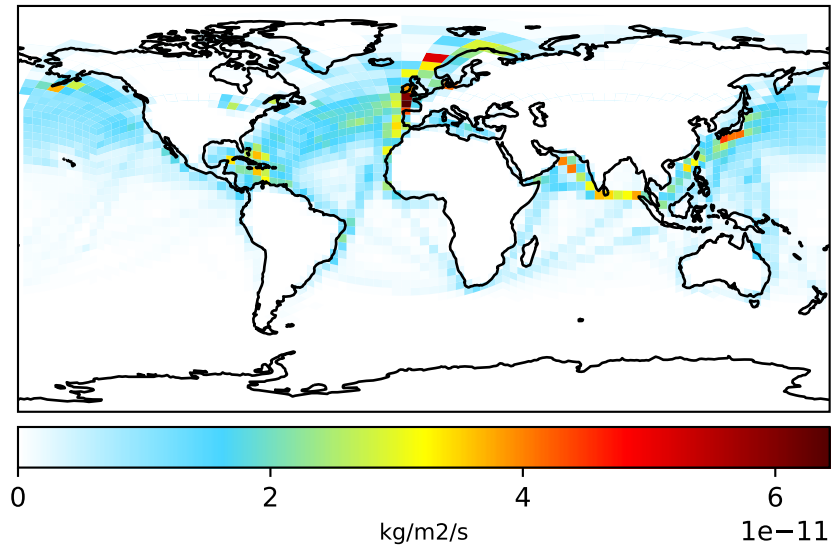


Ratio
Dev/Ref, Fixed Range

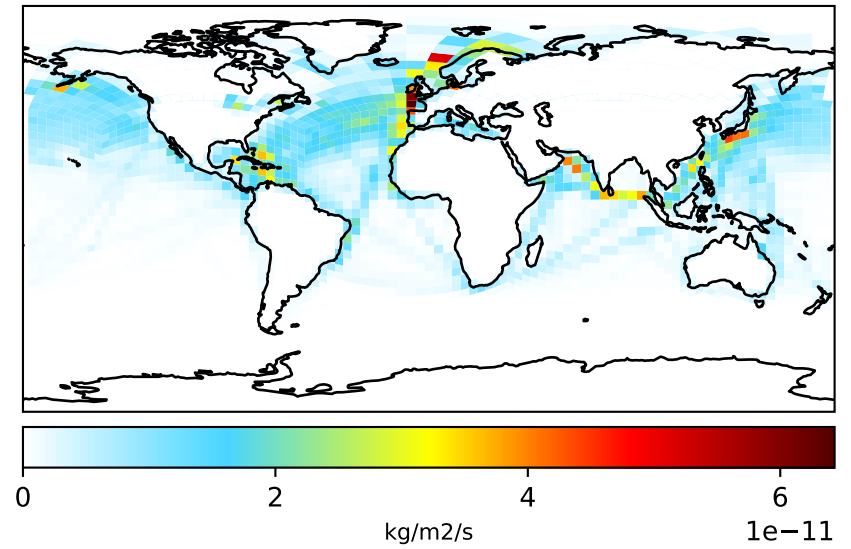


EmisO3_Ship

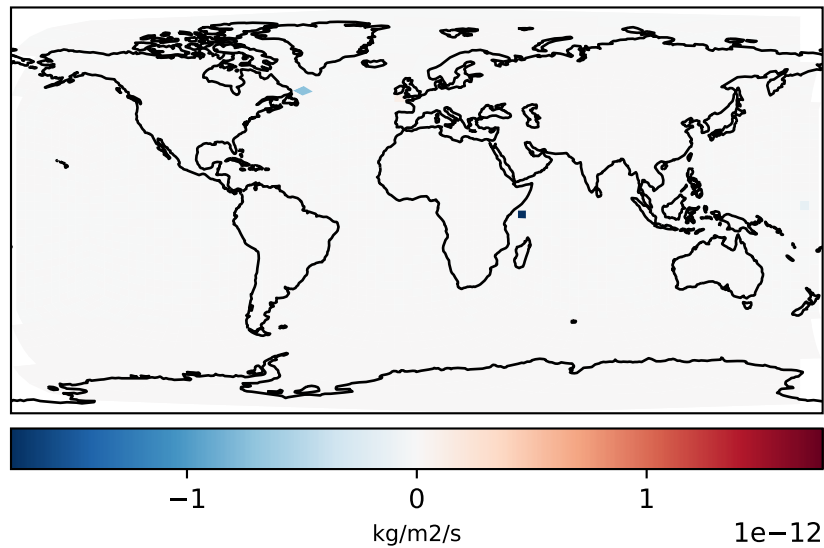
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



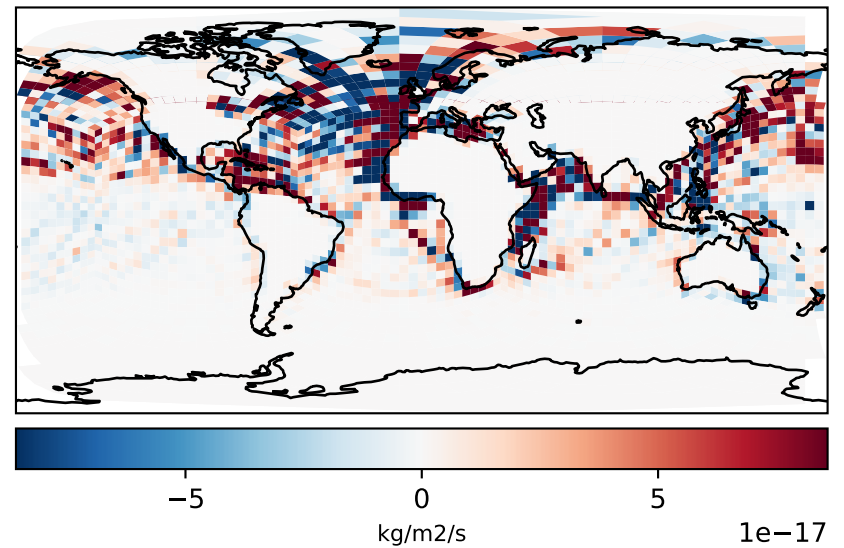
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



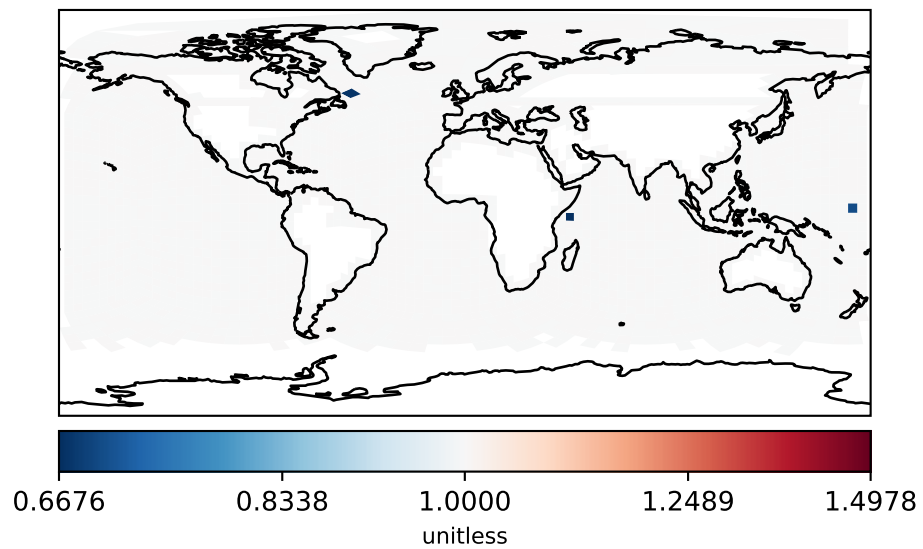
Difference
Dev - Ref, Dynamic Range



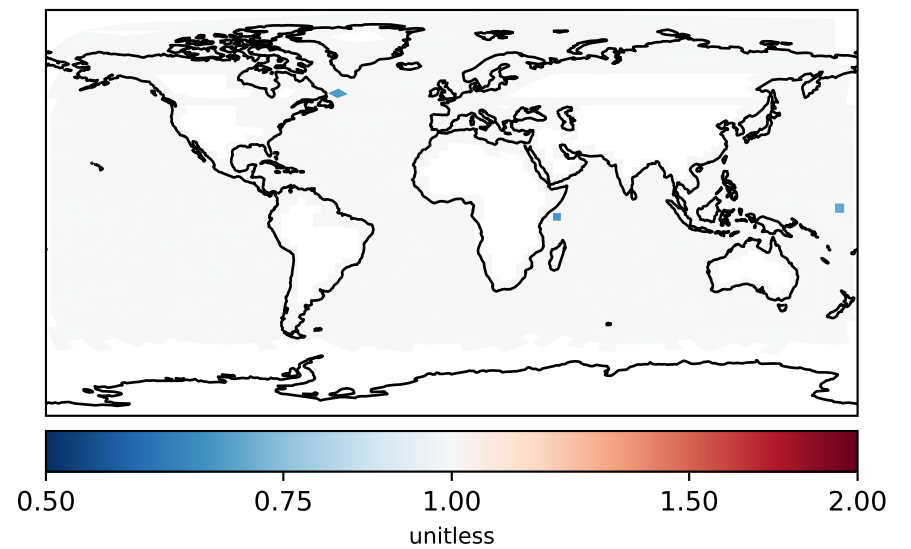
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

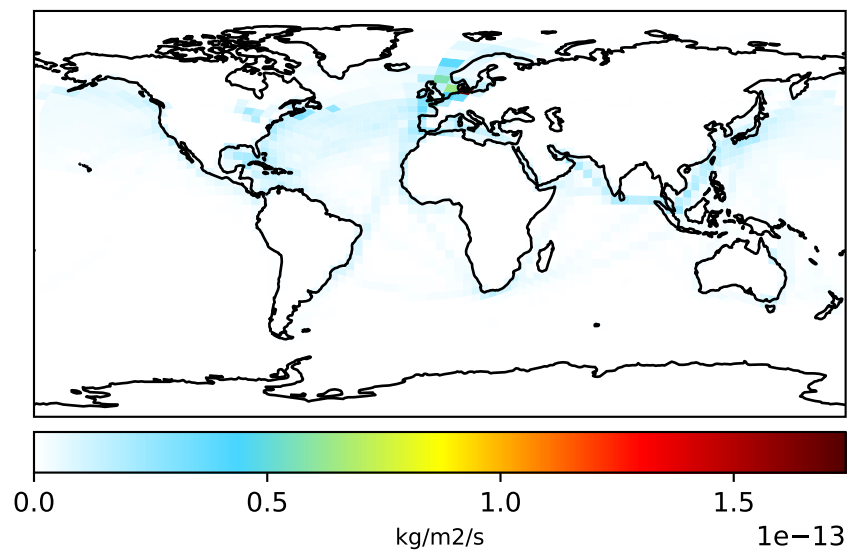


Ratio
Dev/Ref, Fixed Range

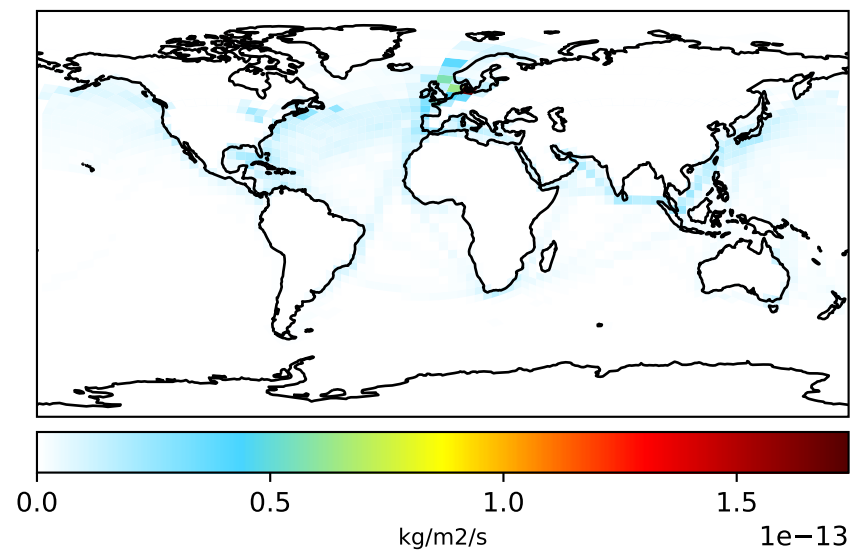


EmisOCPI_Ship

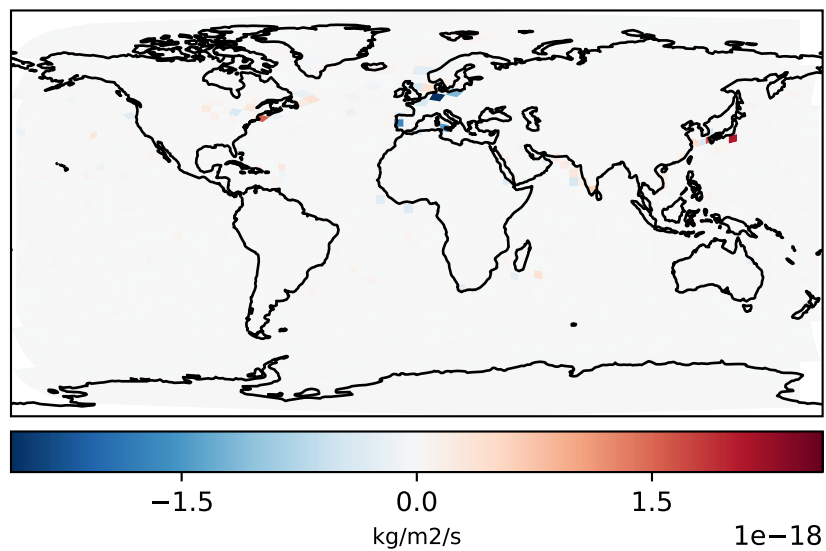
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



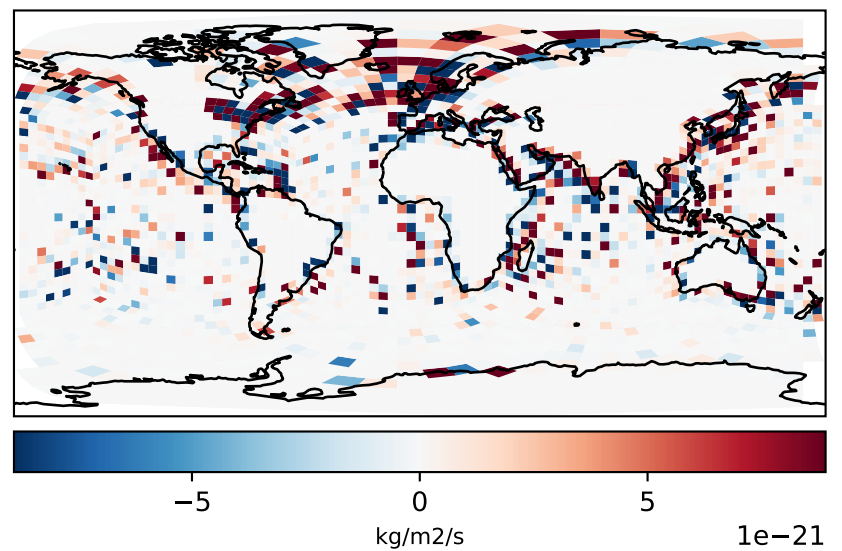
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



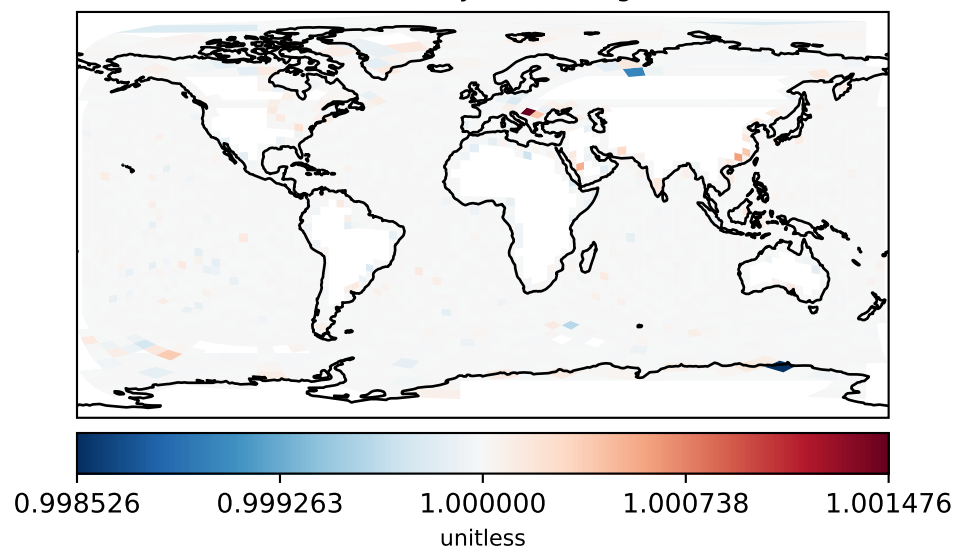
Difference
Dev - Ref, Dynamic Range



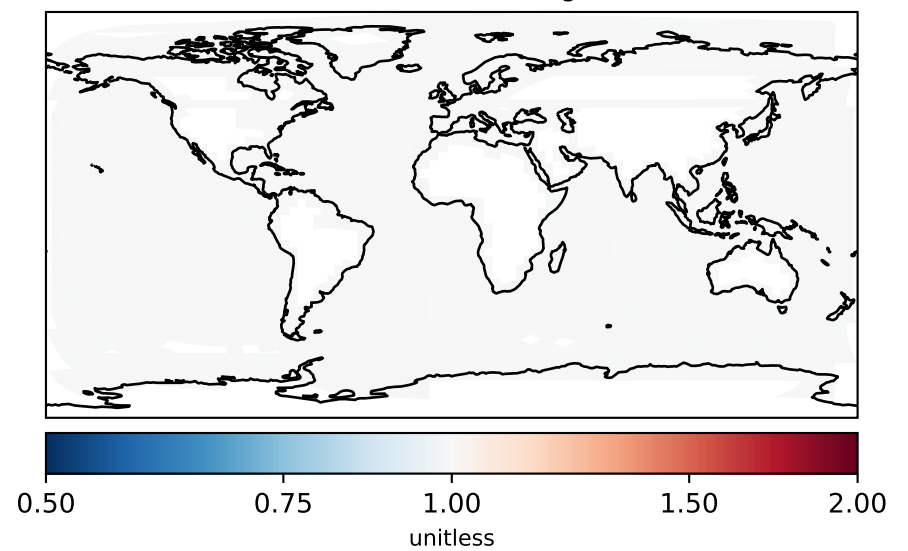
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

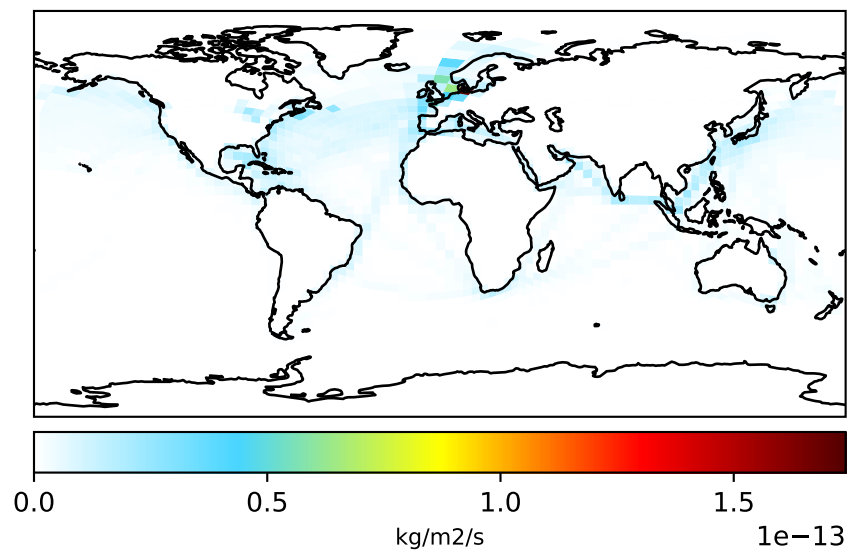


Ratio
Dev/Ref, Fixed Range

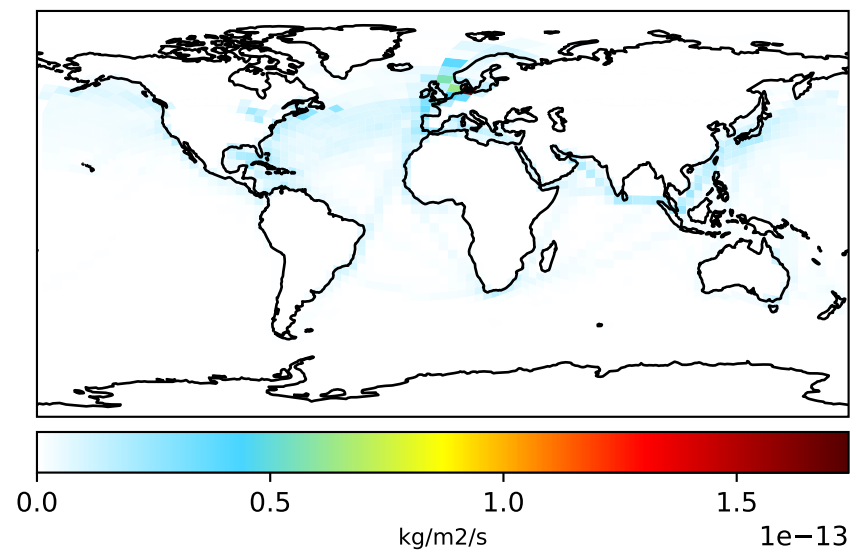


EmisOCPO_Ship

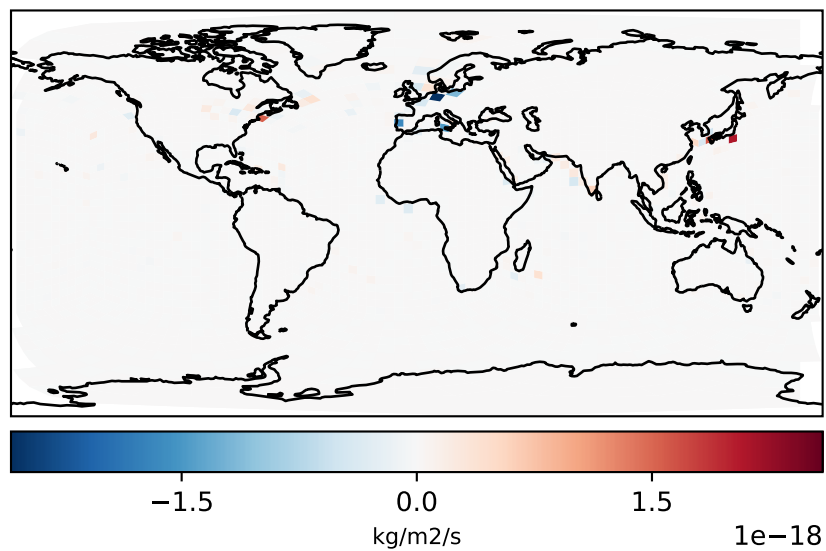
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



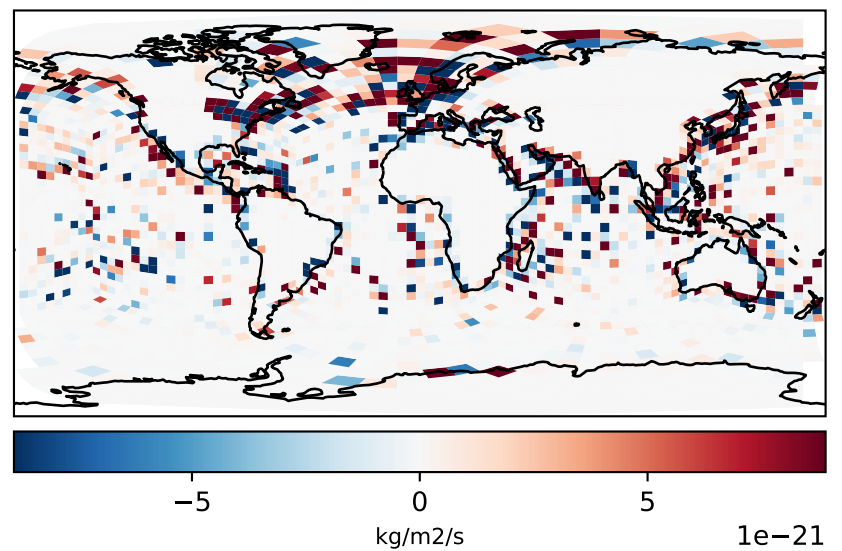
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



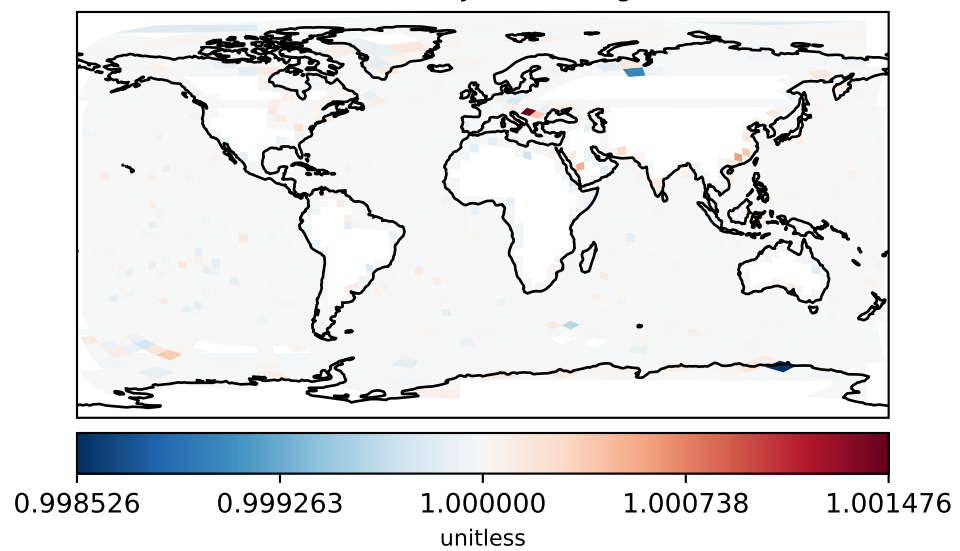
Difference
Dev - Ref, Dynamic Range



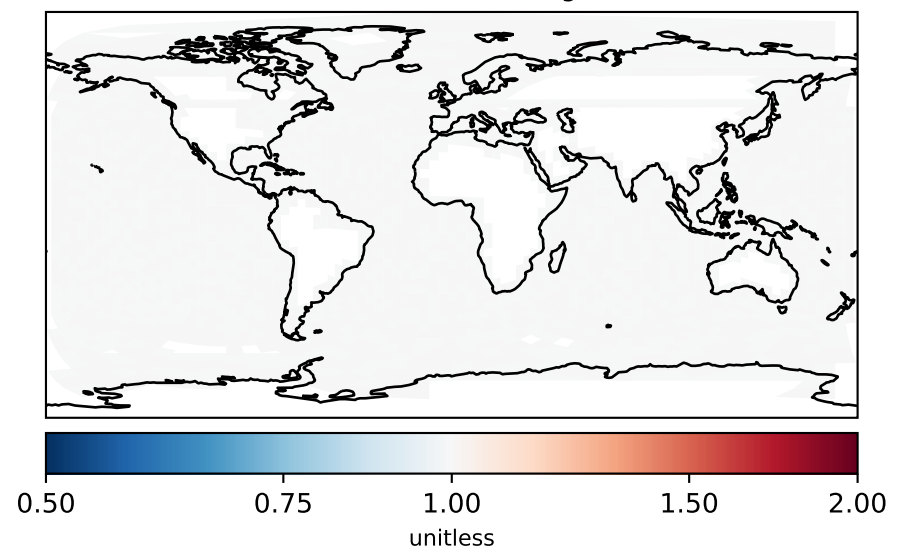
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

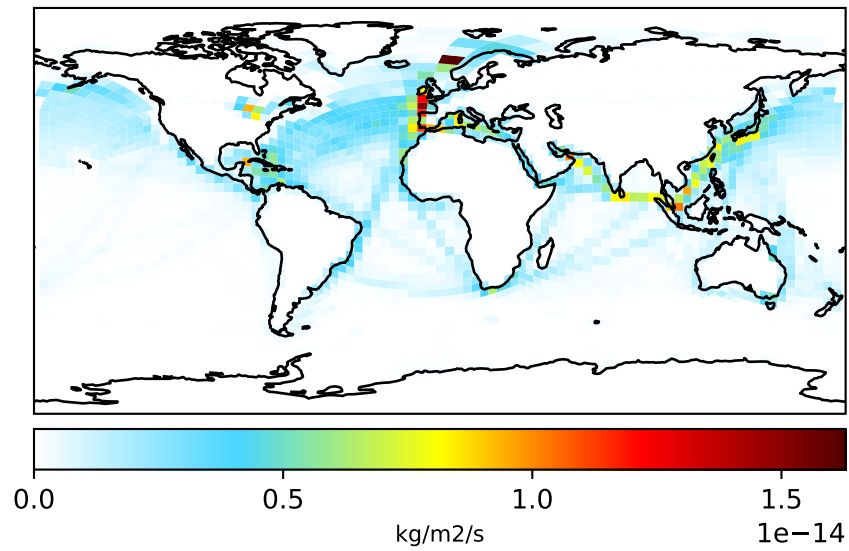


Ratio
Dev/Ref, Fixed Range

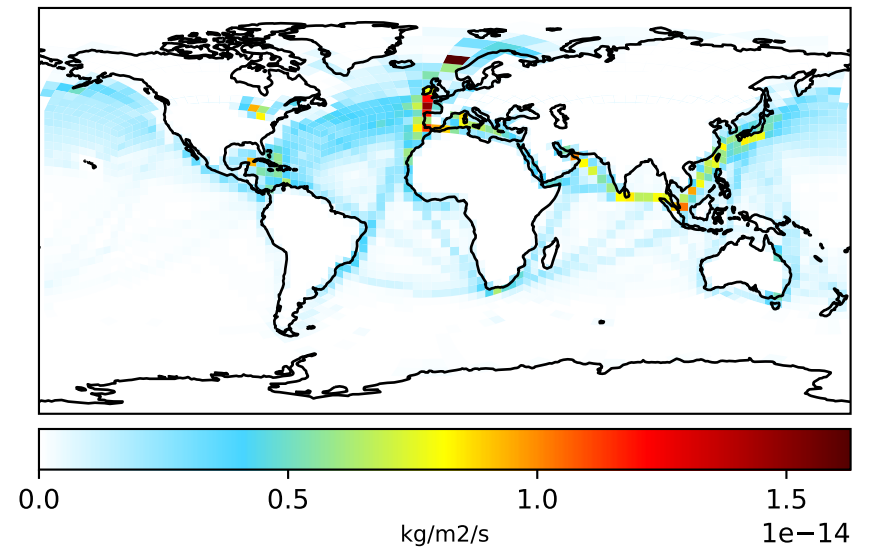


EmispFe_Ship

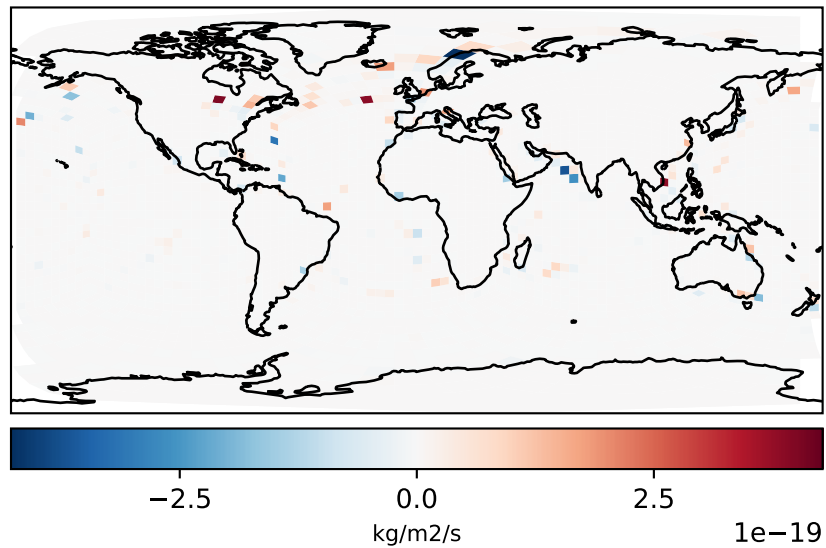
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c24



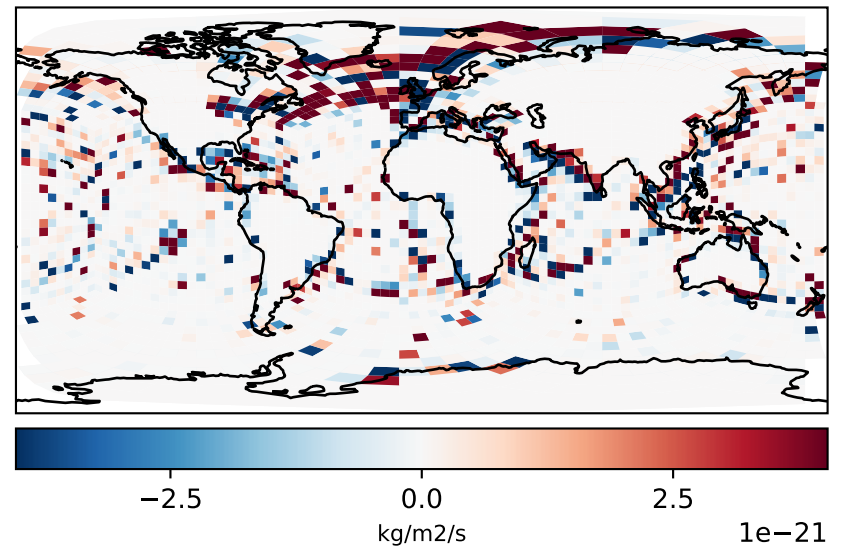
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



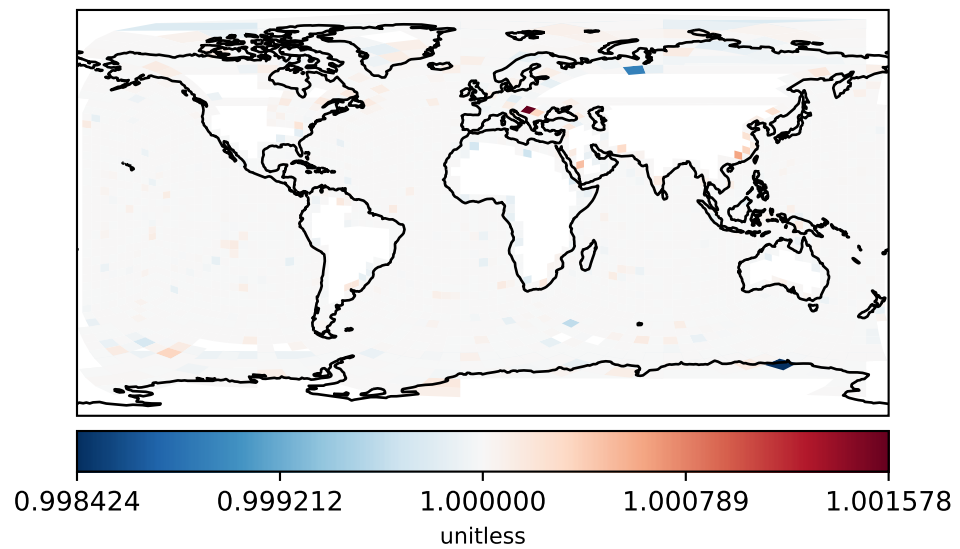
Difference
Dev - Ref, Dynamic Range



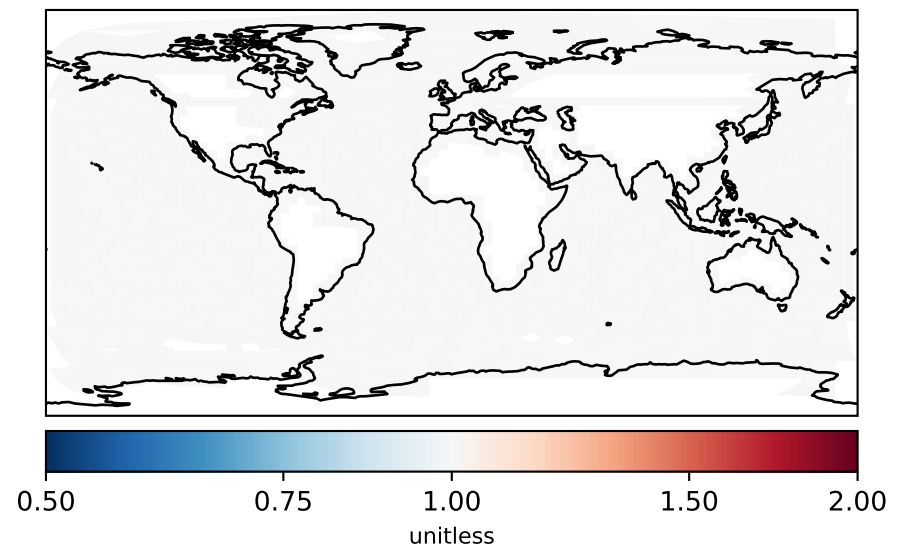
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

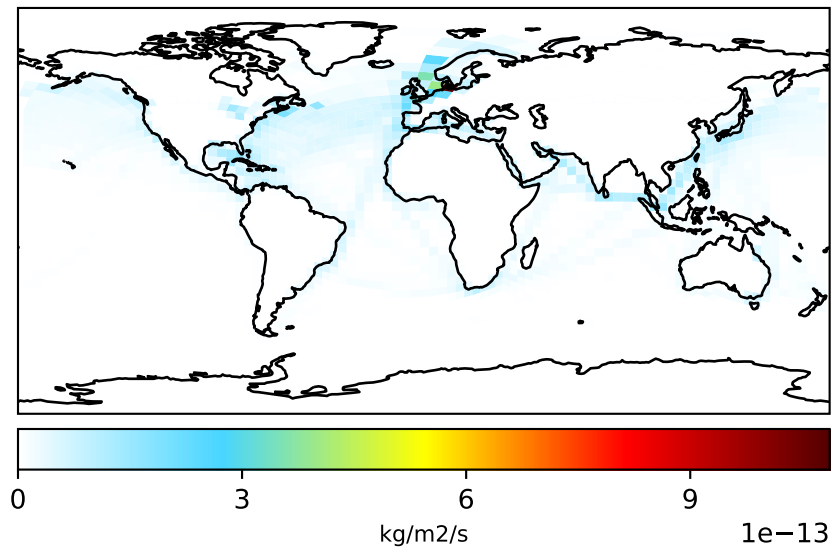


Ratio
Dev/Ref, Fixed Range

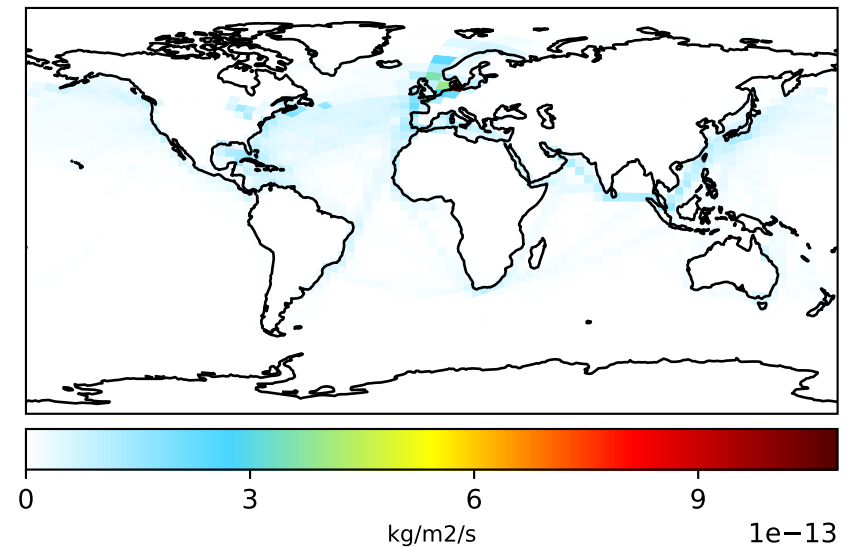


EmisPRPE_Ship

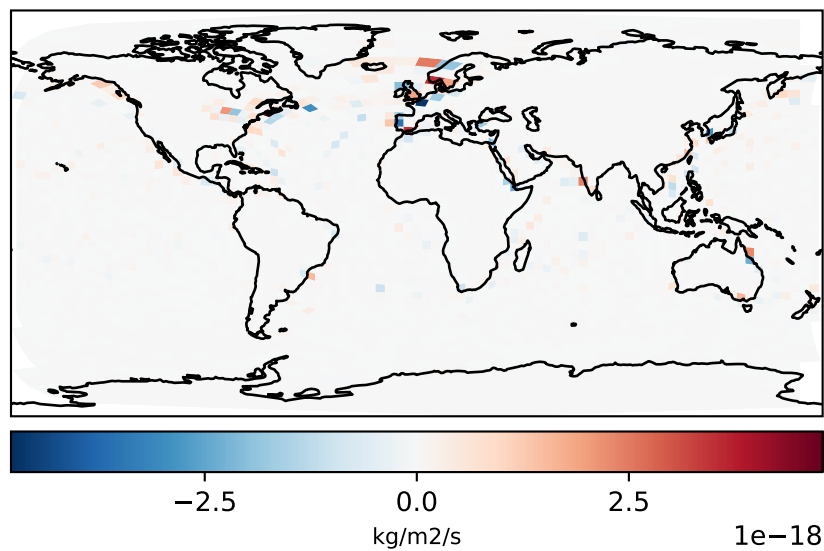
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



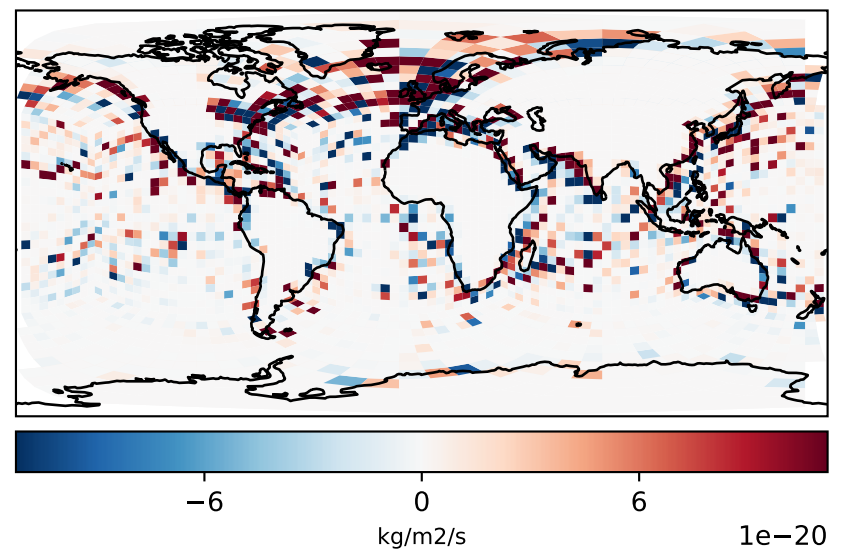
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



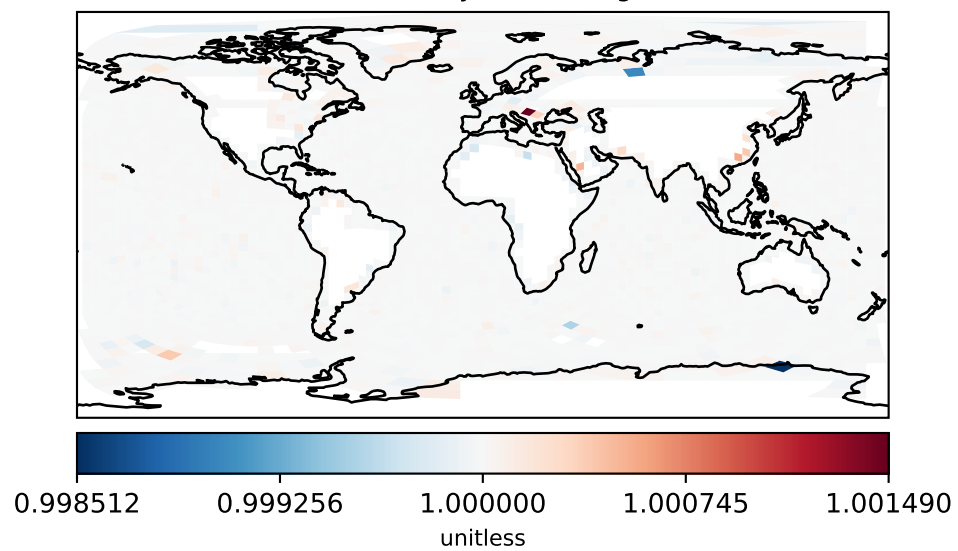
Difference
Dev - Ref, Dynamic Range



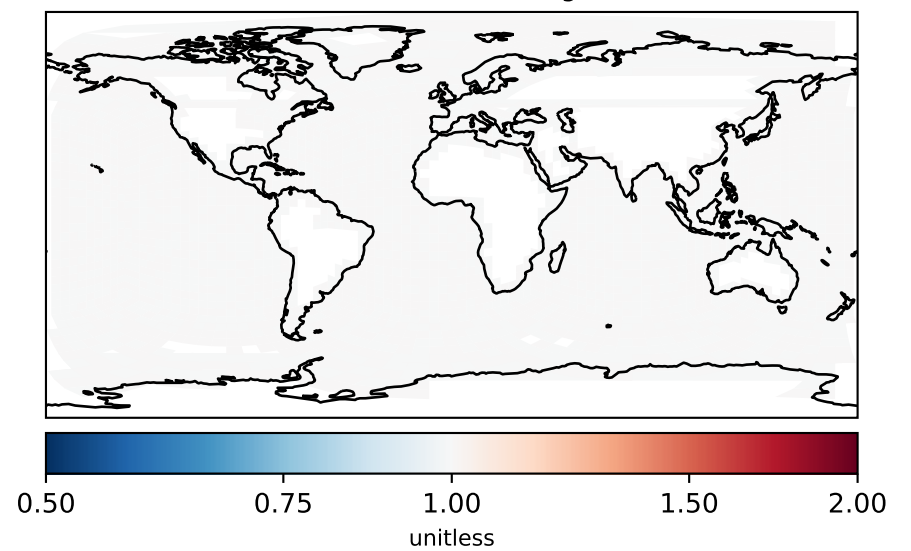
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

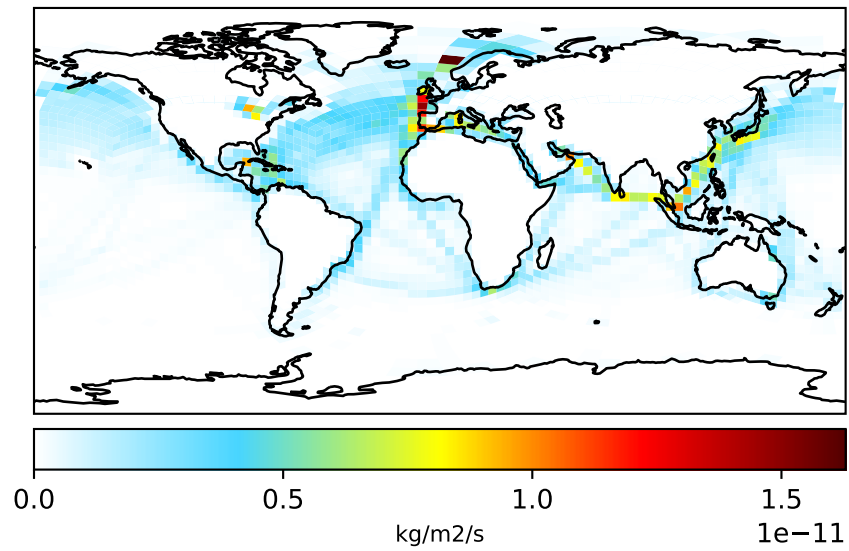


Ratio
Dev/Ref, Fixed Range

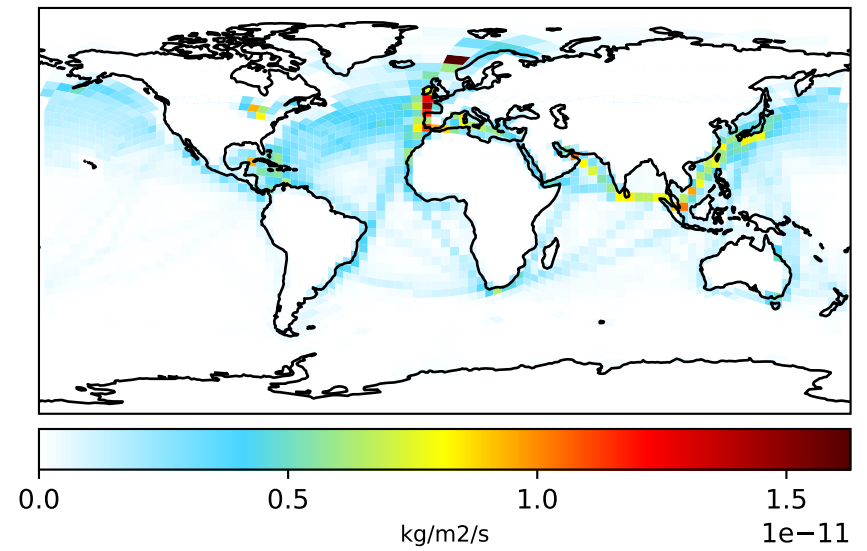


EmisSO2_Ship

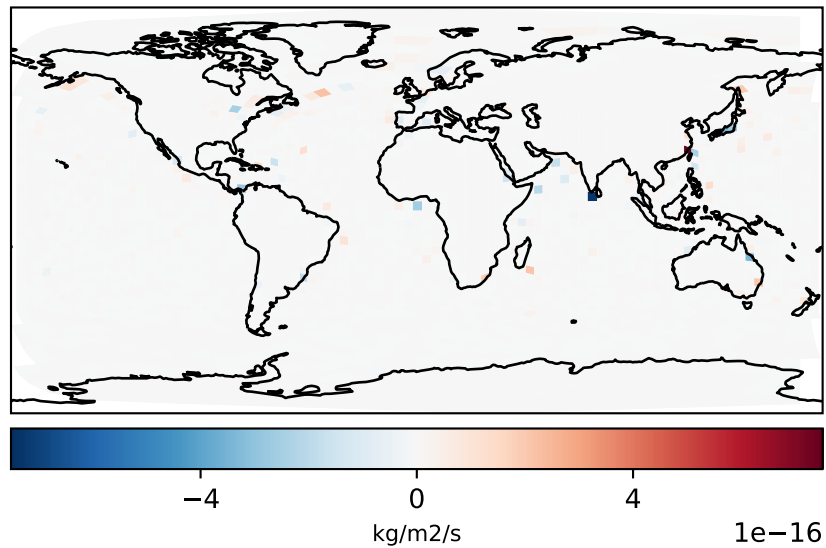
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



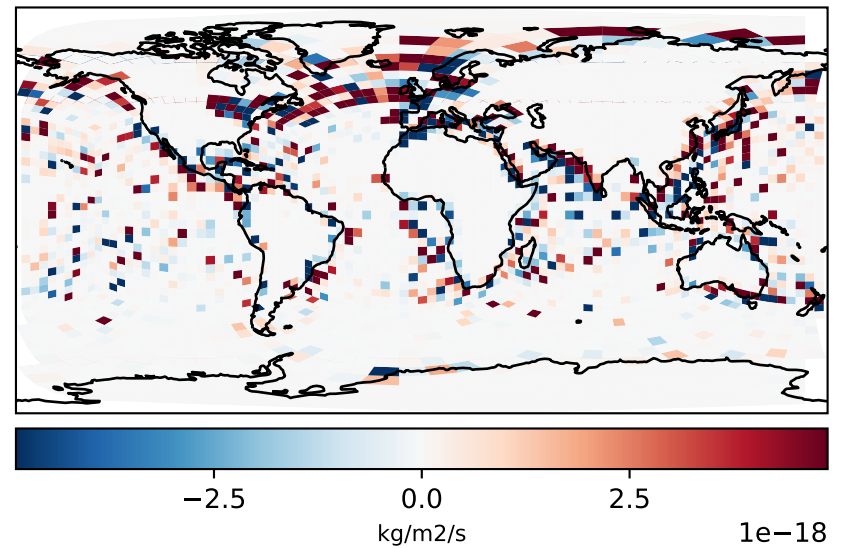
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



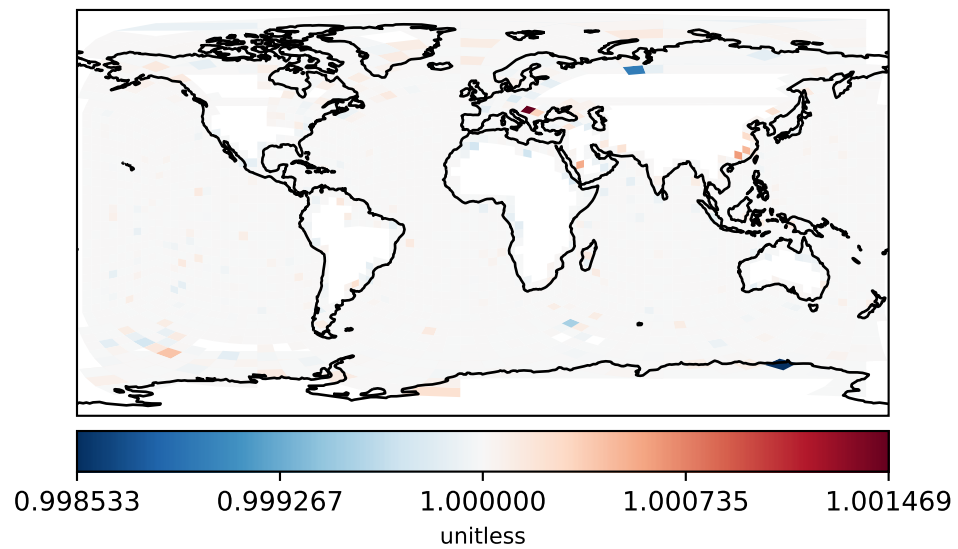
Difference
Dev - Ref, Dynamic Range



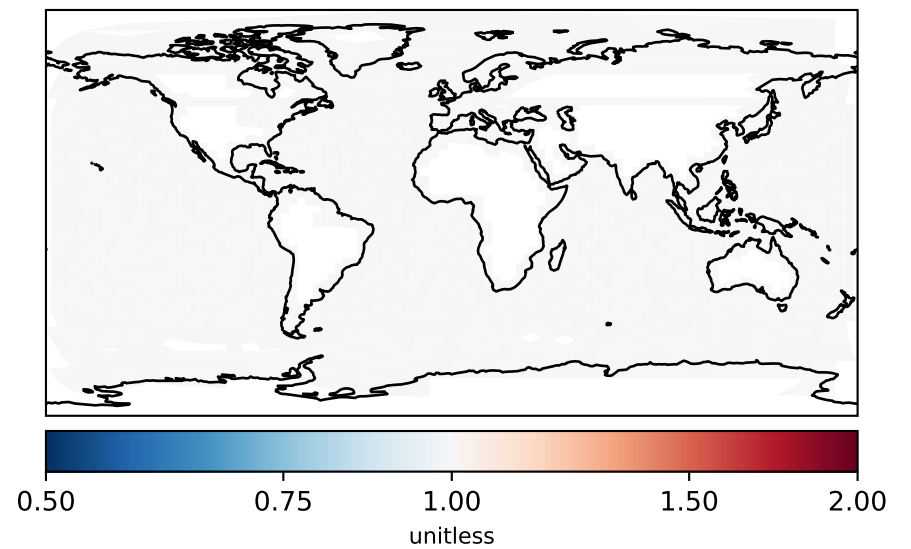
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

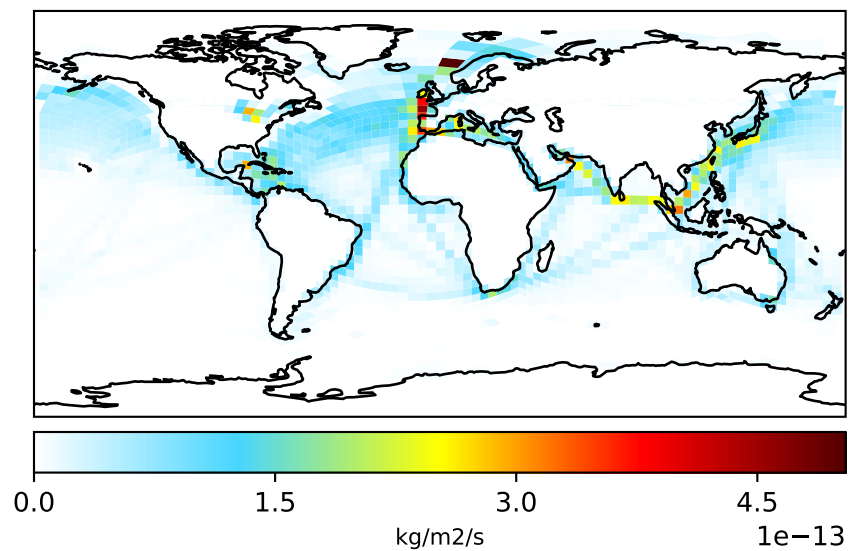


Ratio
Dev/Ref, Fixed Range

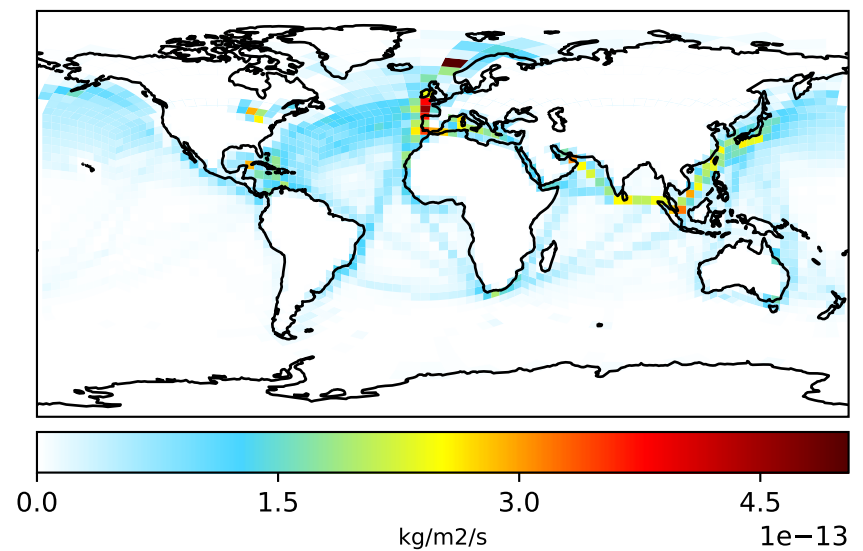


EmisSO4_Ship

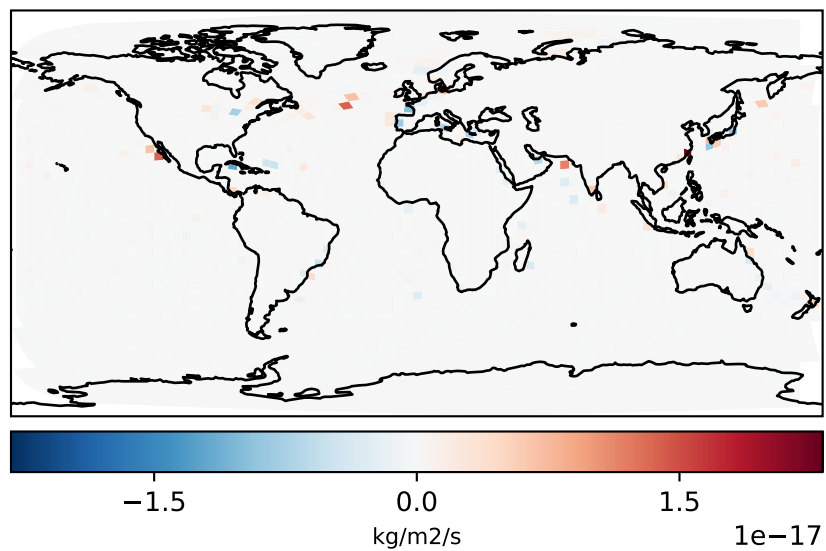
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



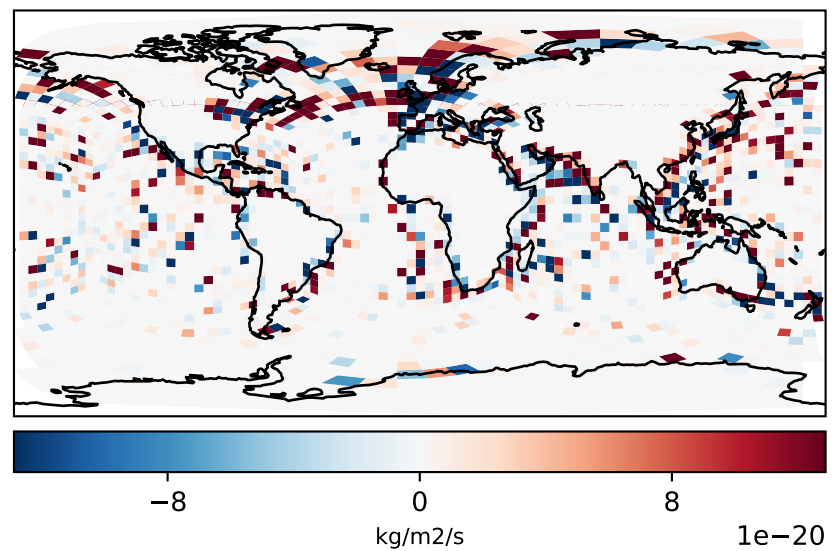
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



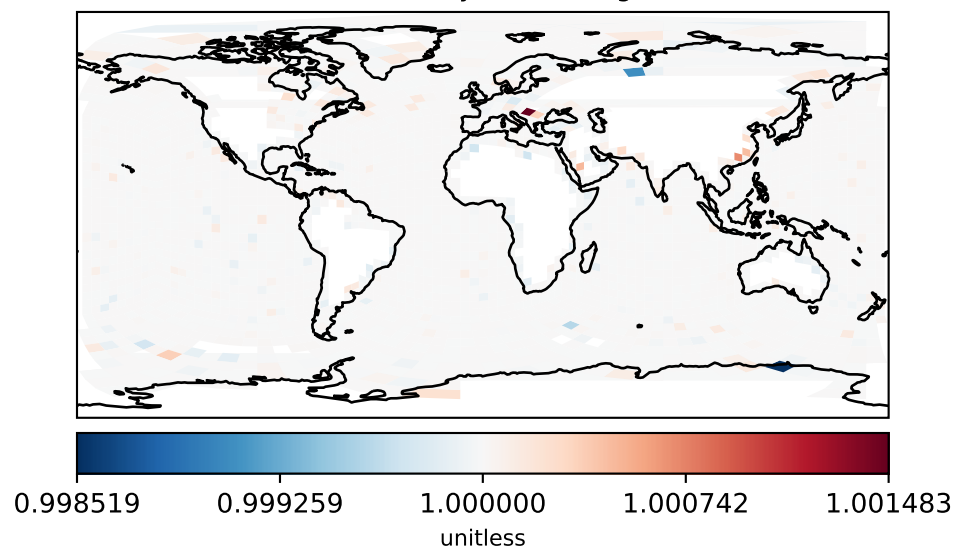
Difference
Dev - Ref, Dynamic Range



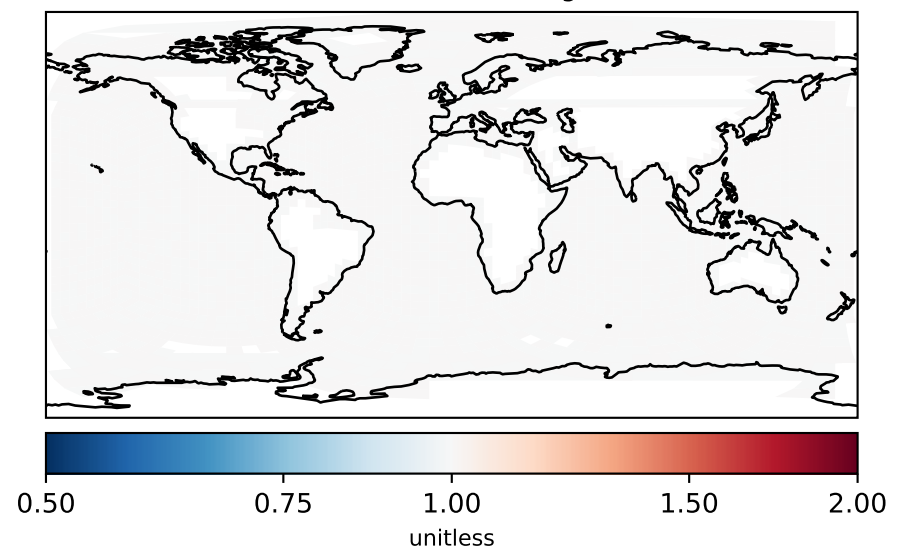
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

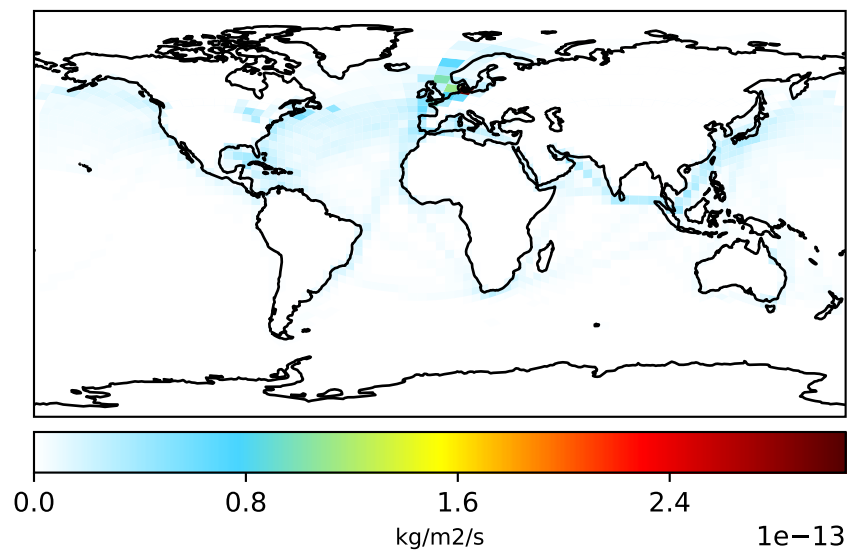


Ratio
Dev/Ref, Fixed Range

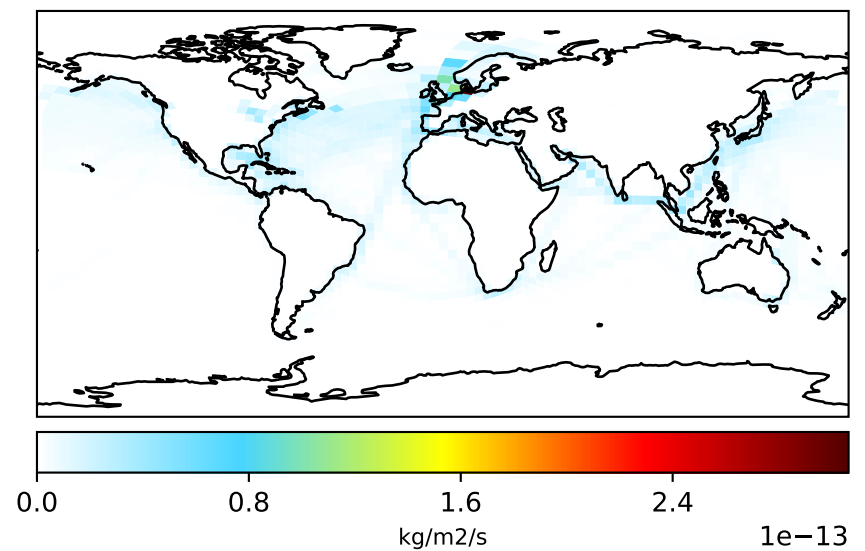


EmisSOAP_Ship

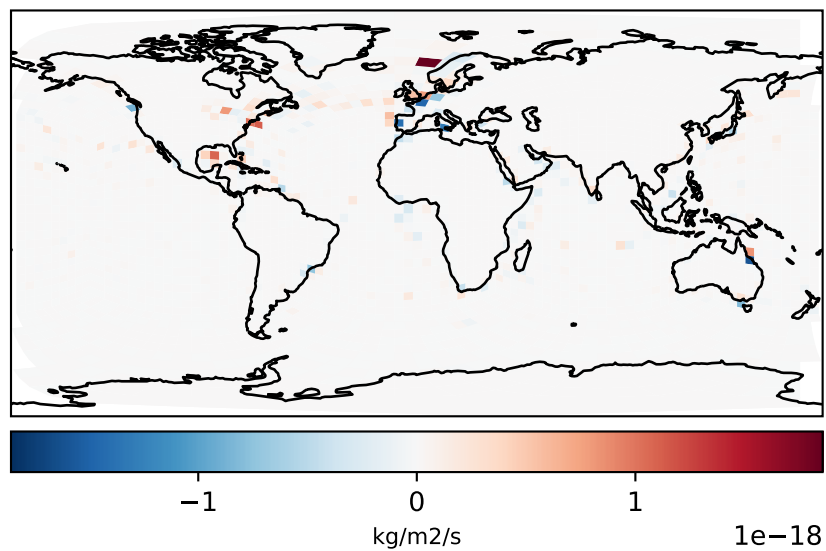
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



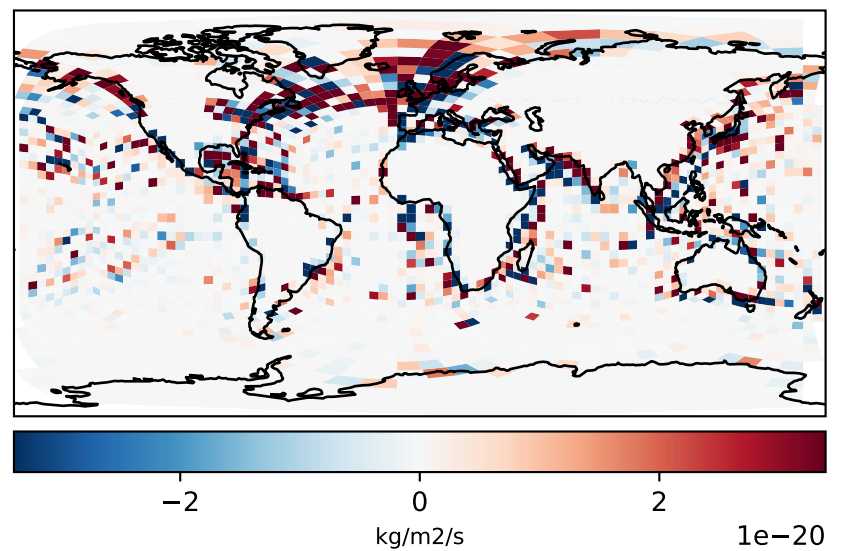
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



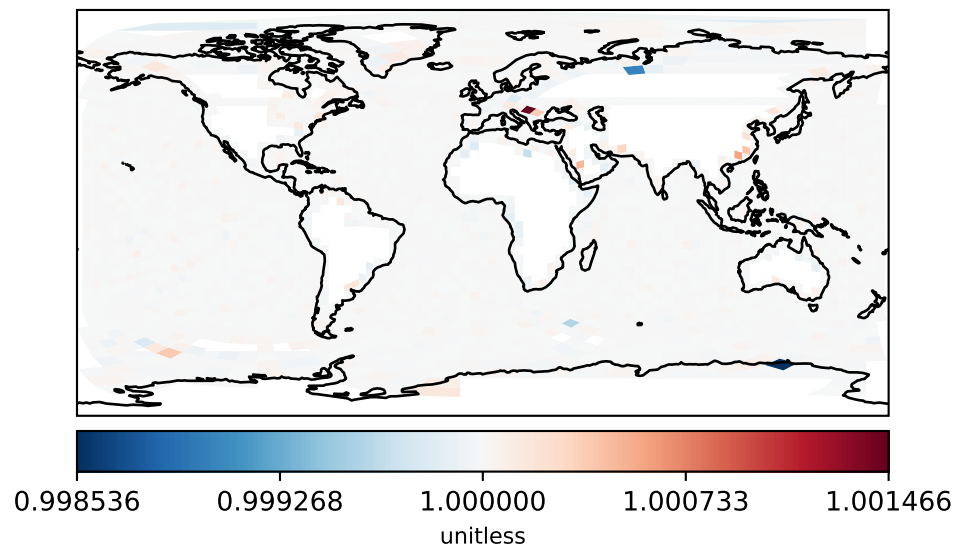
Difference
Dev - Ref, Dynamic Range



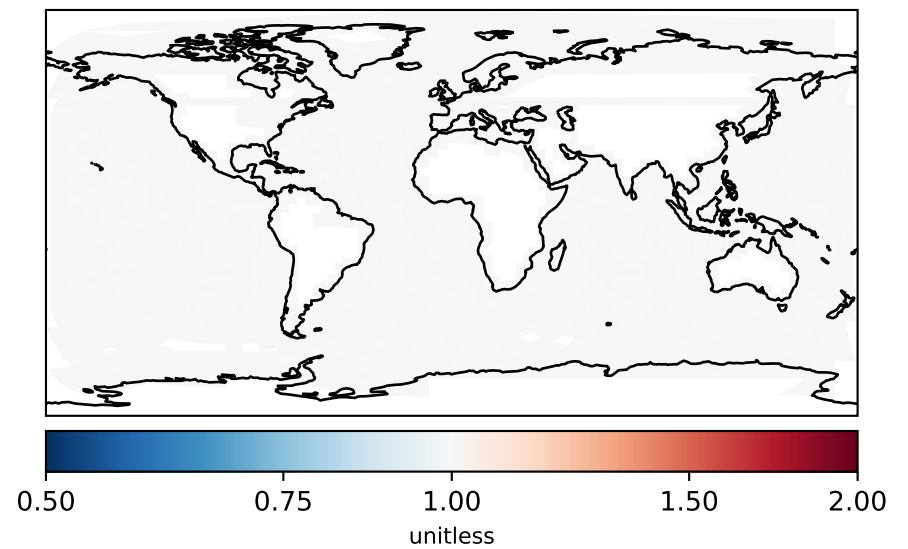
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

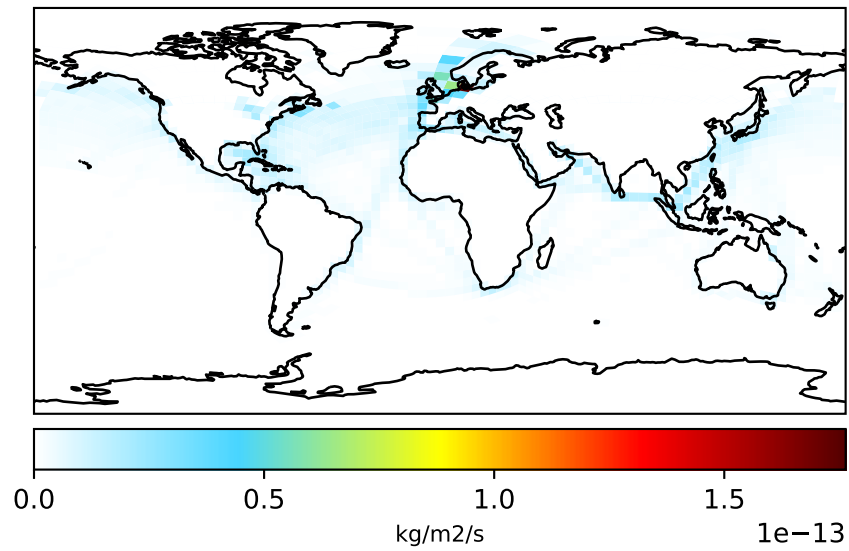


Ratio
Dev/Ref, Fixed Range

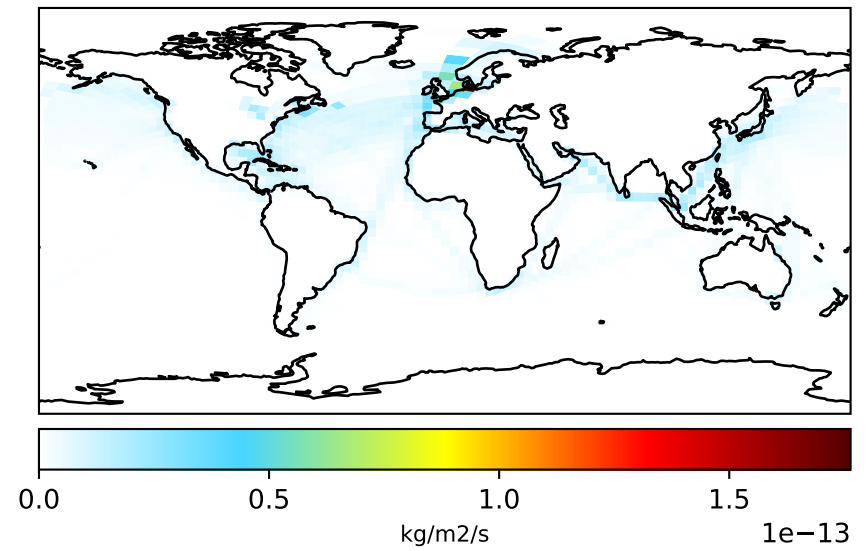


EmisTMB_Ship

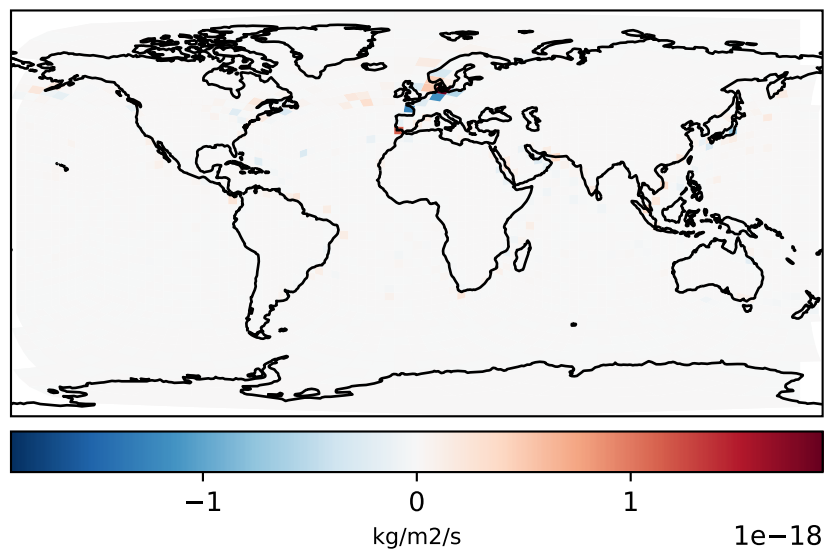
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



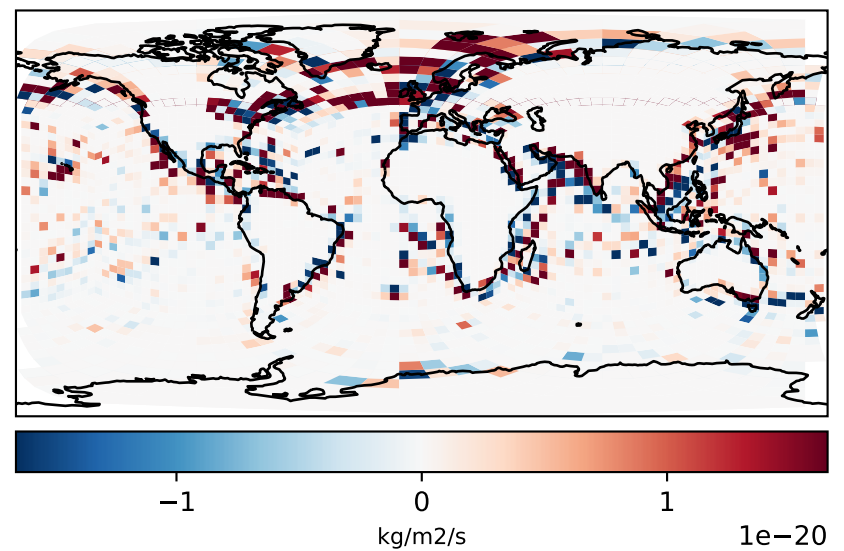
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



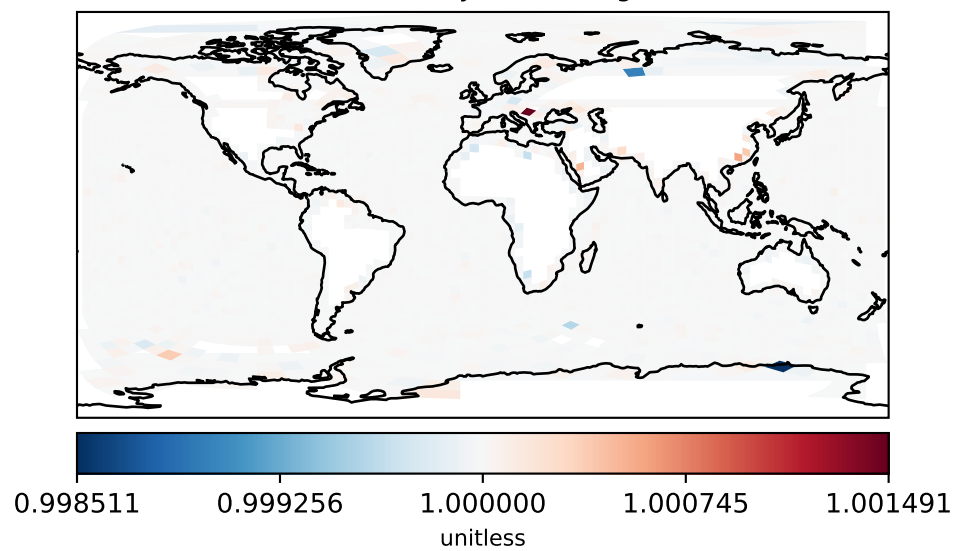
Difference
Dev - Ref, Dynamic Range



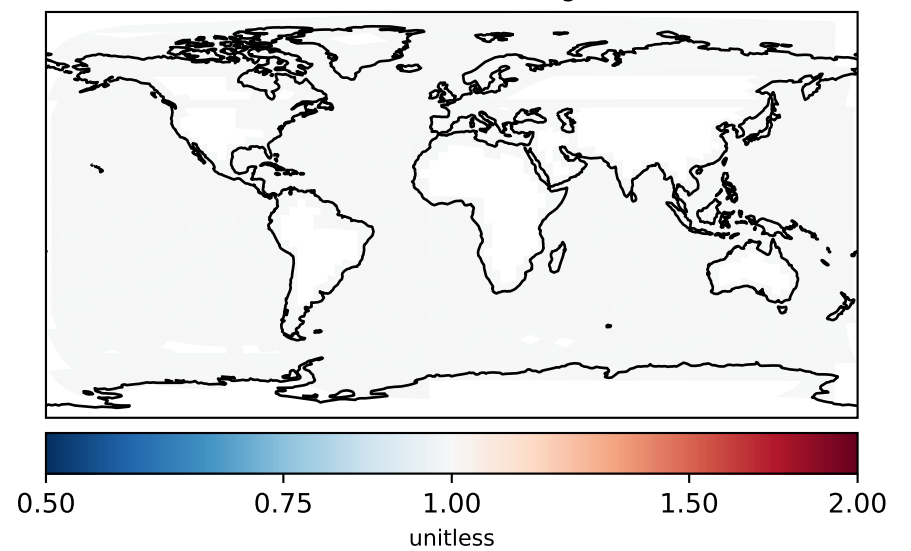
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

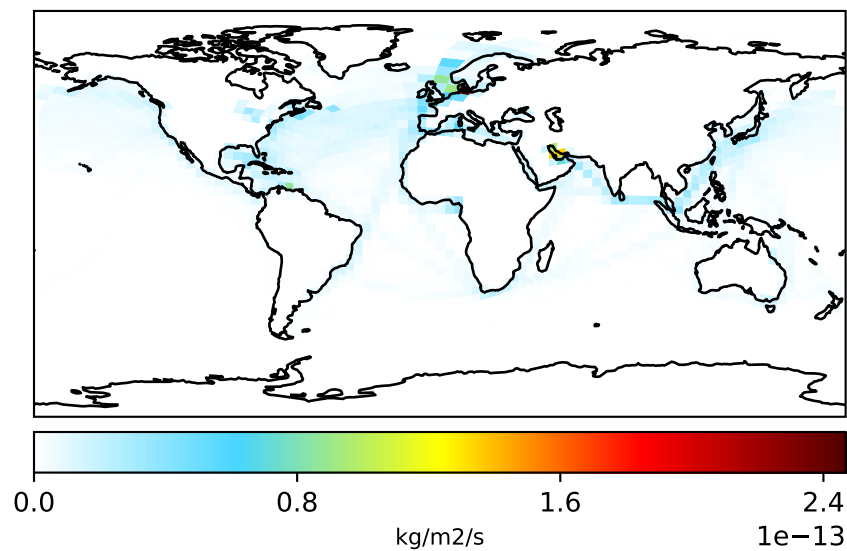


Ratio
Dev/Ref, Fixed Range

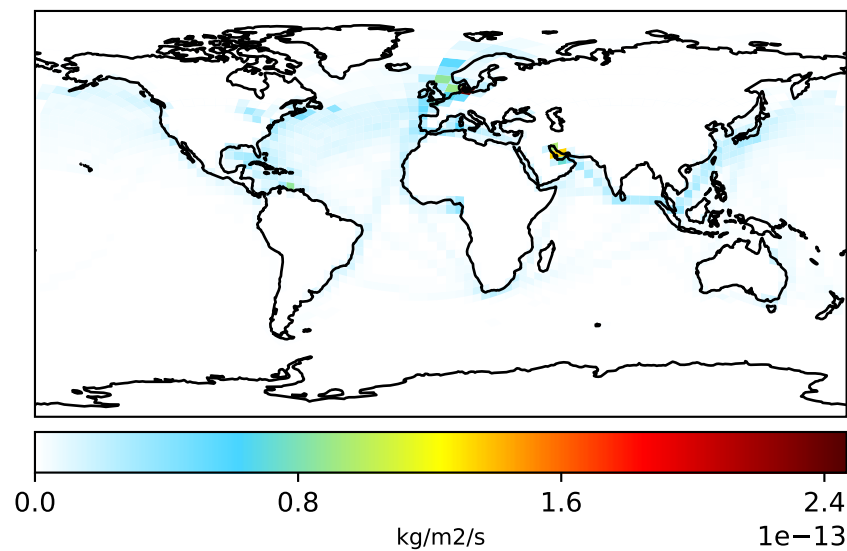


EmisTOLU_Ship

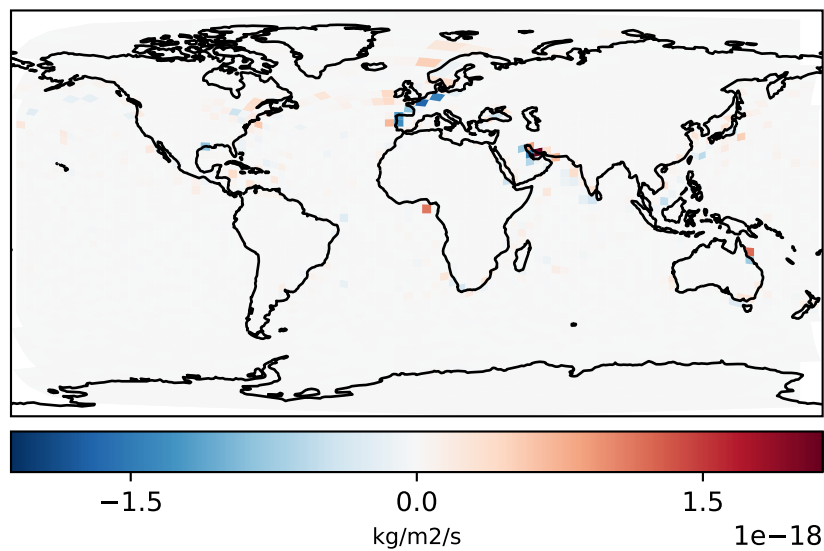
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



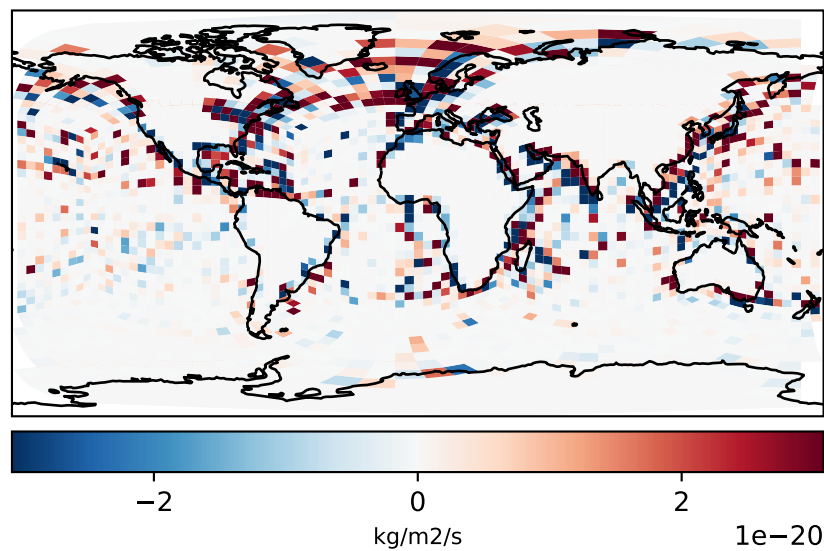
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



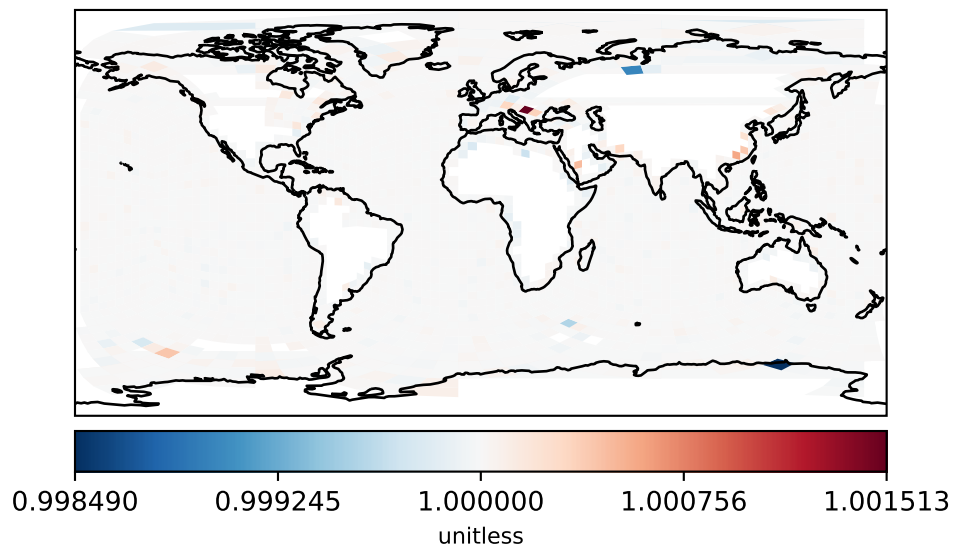
Difference
Dev - Ref, Dynamic Range



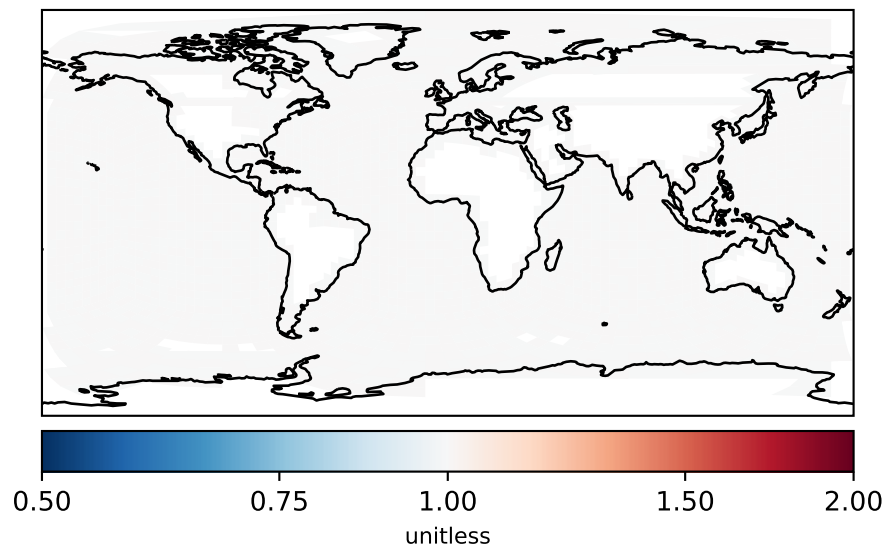
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

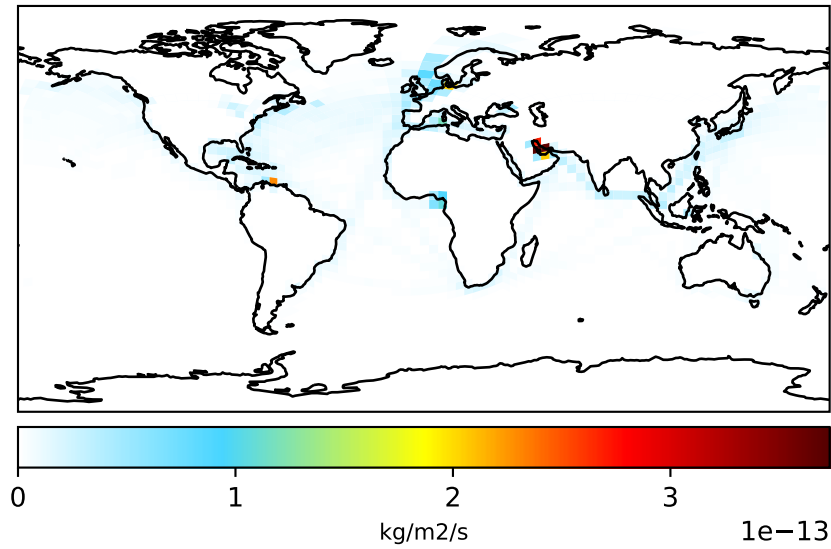


Ratio
Dev/Ref, Fixed Range

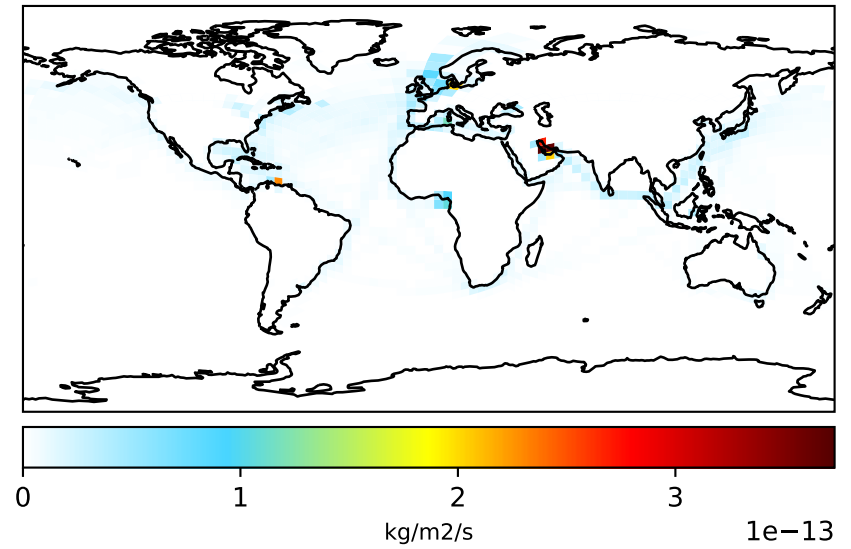


EmisXYLE_Ship

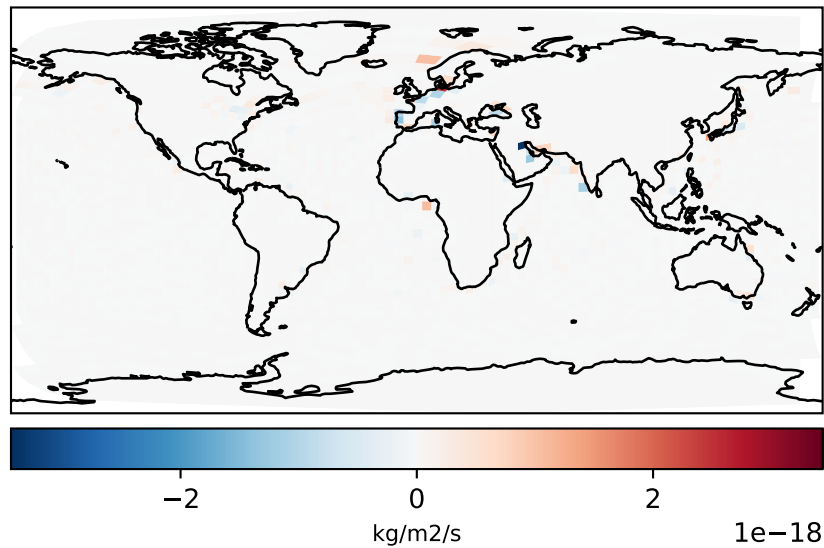
gchp-c24-1Mon-14.7.0-alpha.1 (Ref)
c24



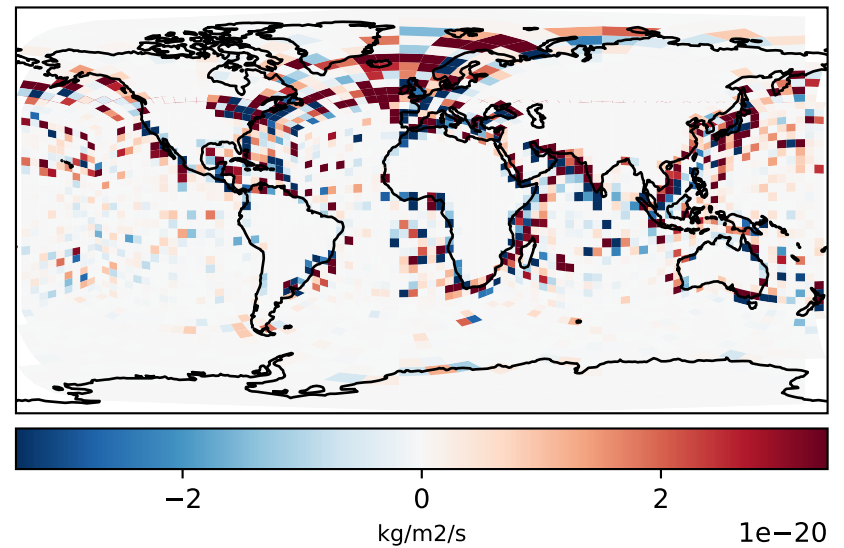
gchp-c24-1Mon-14.7.0-alpha.2 (Dev)
c24



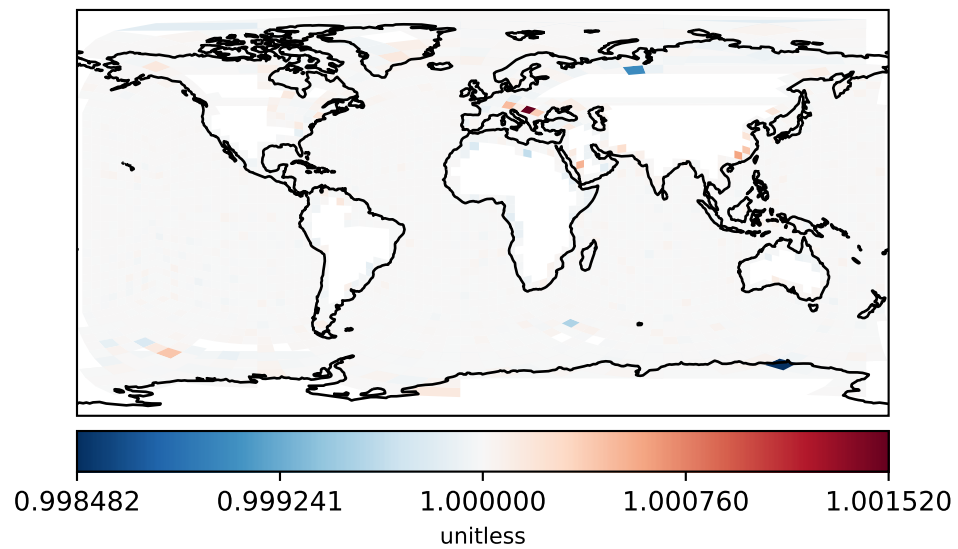
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

