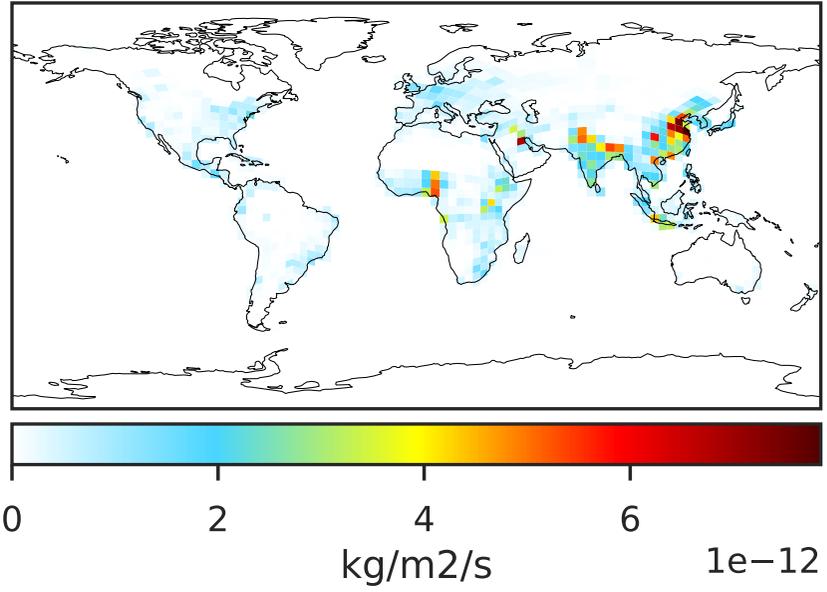
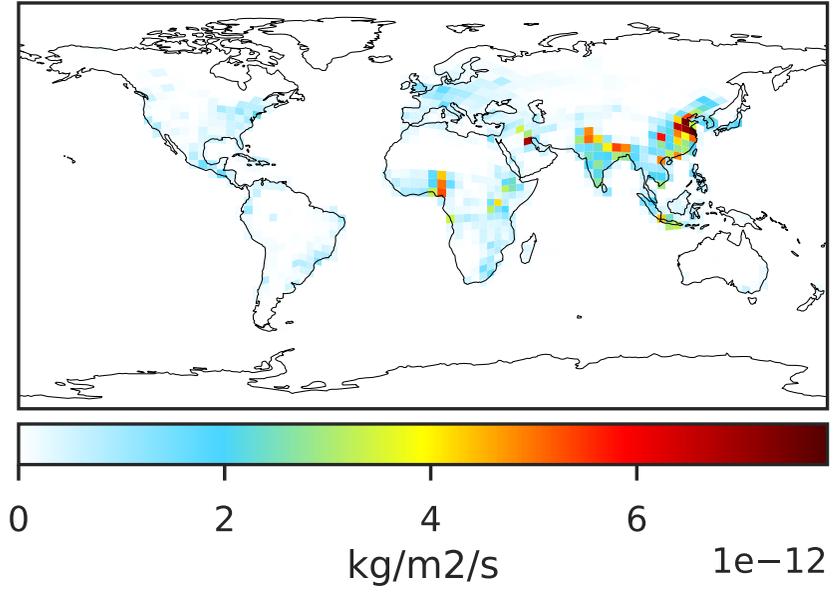


EmisEOH_Anthro

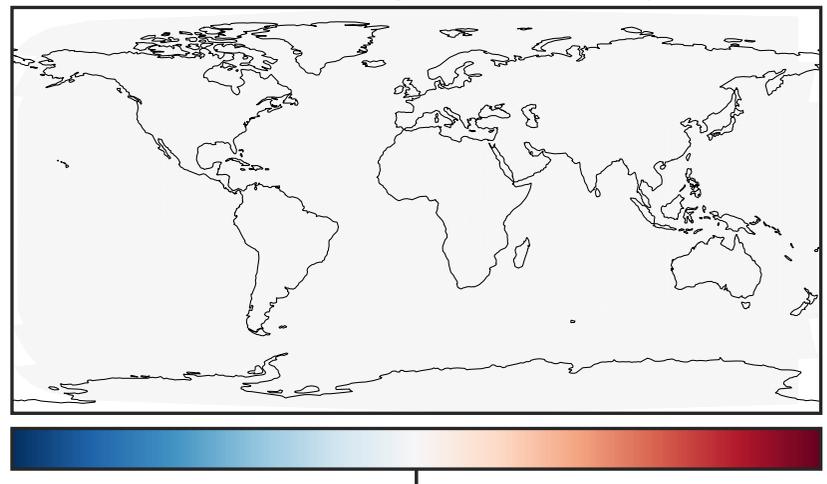
gchp-c24-1Mon-14.2.0 (Ref)
c24



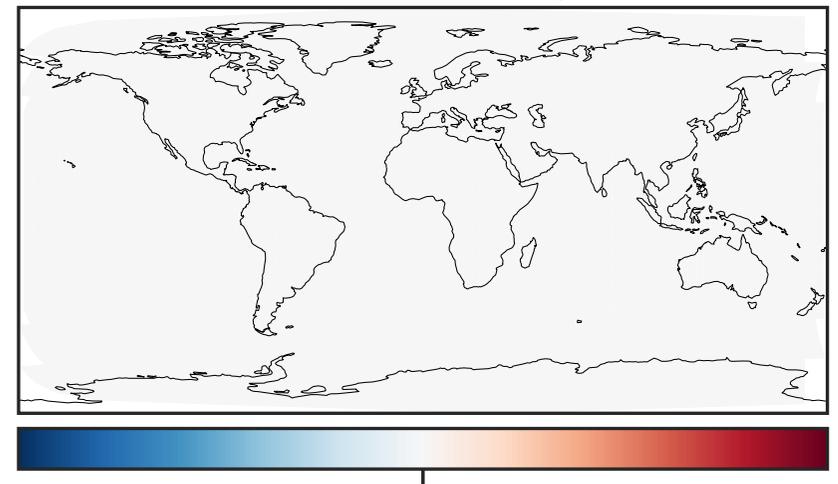
gchp-c24-1Mon-14.2.1 (Dev)
c24



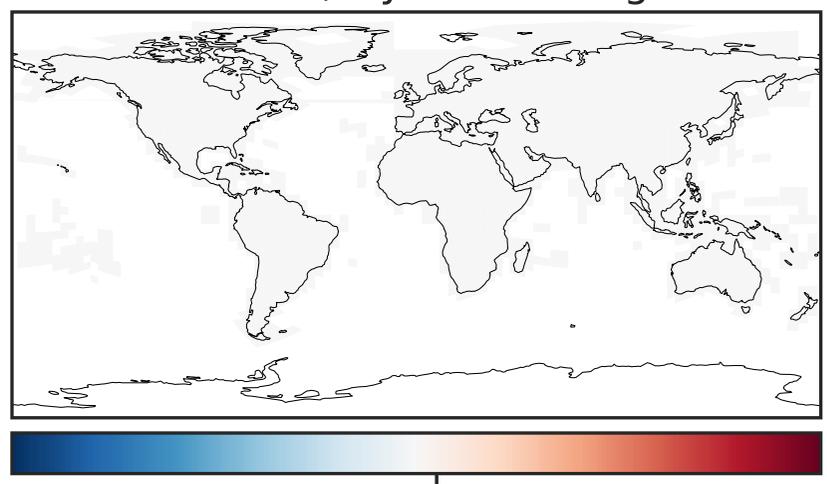
Difference
Dev - Ref, Dynamic Range



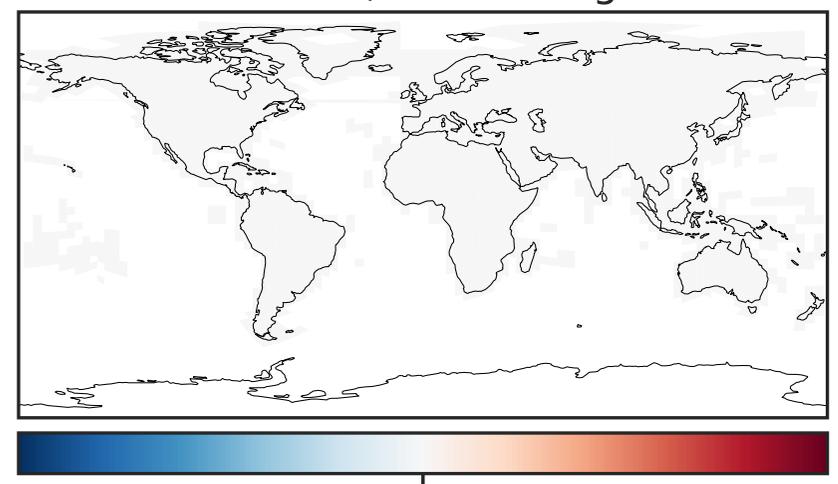
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

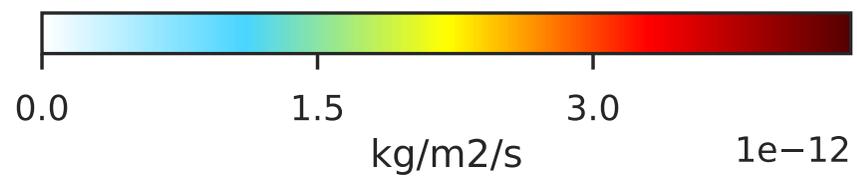
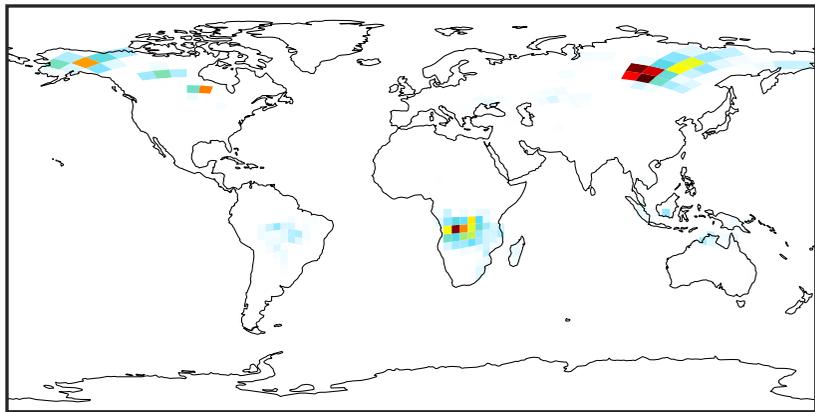


Ratio
Dev/Ref, Fixed Range

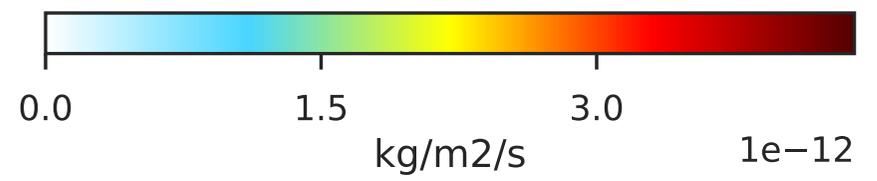
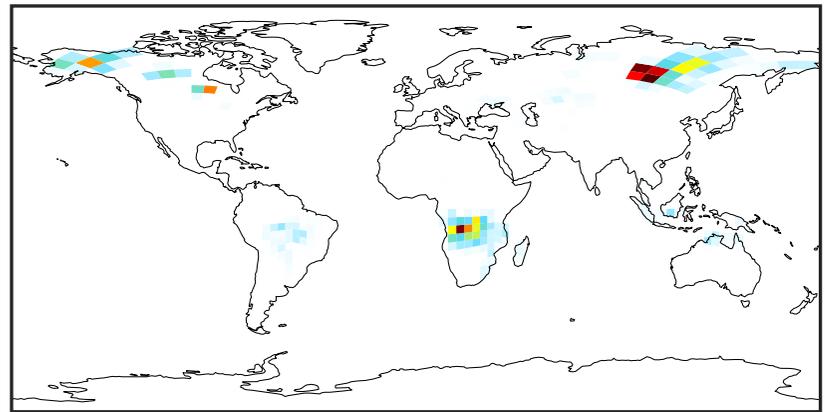


EmisEOH_BioBurn

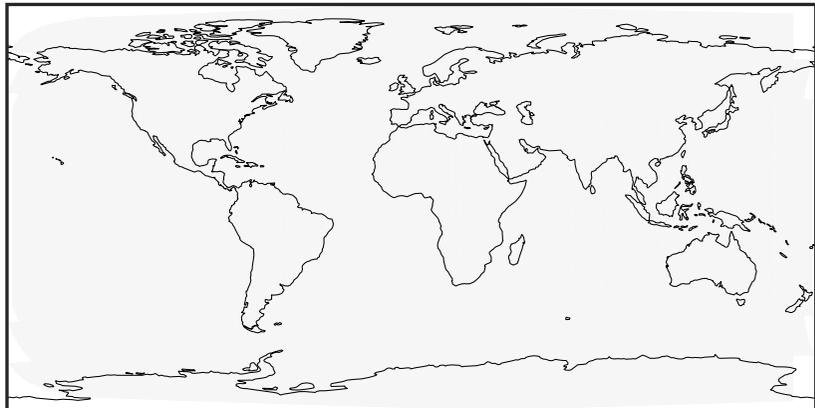
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

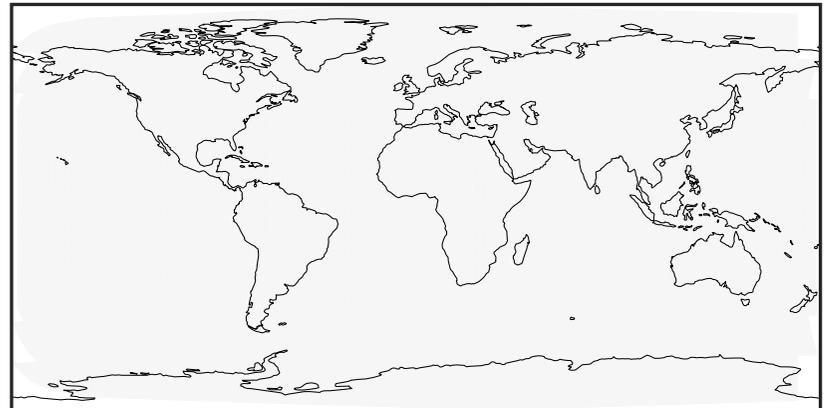


Difference
Dev - Ref, Dynamic Range



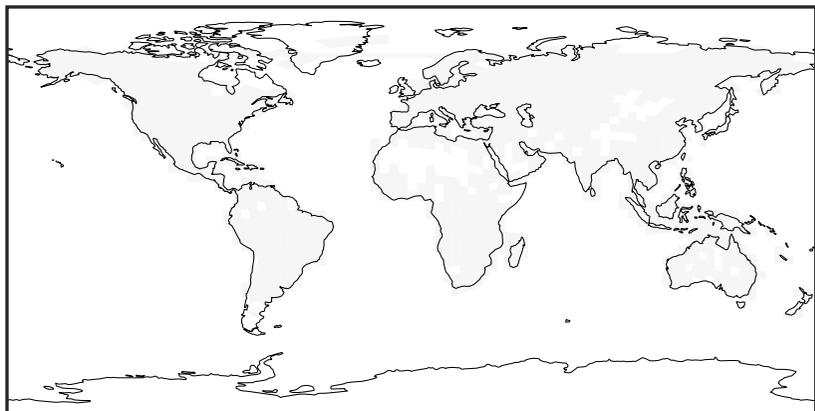
Zero throughout domain
kg/m2/s

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



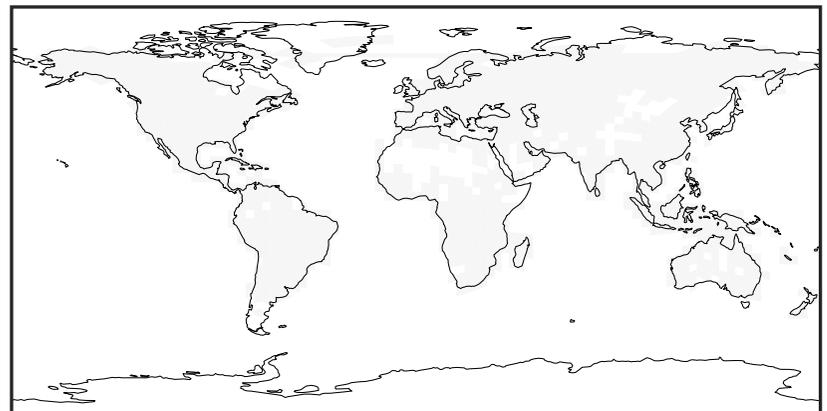
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

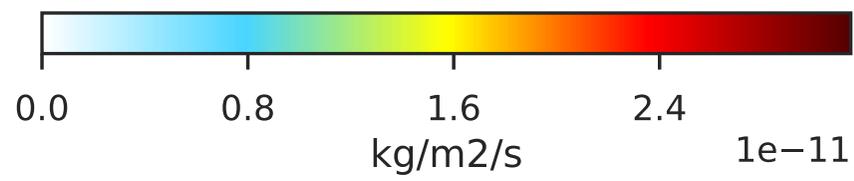
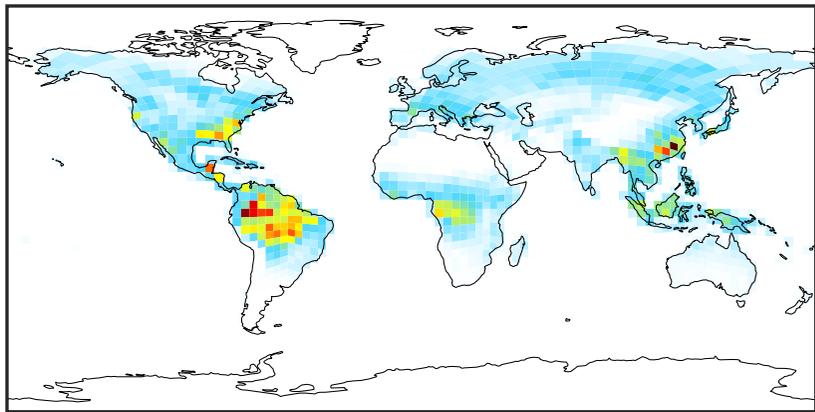
Ratio
Dev/Ref, Fixed Range



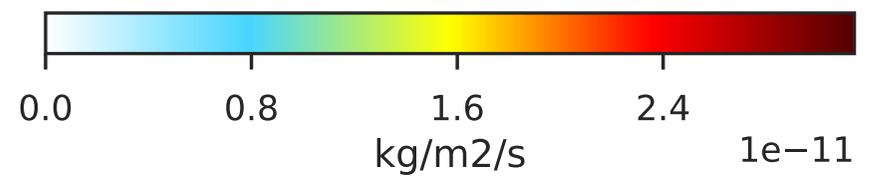
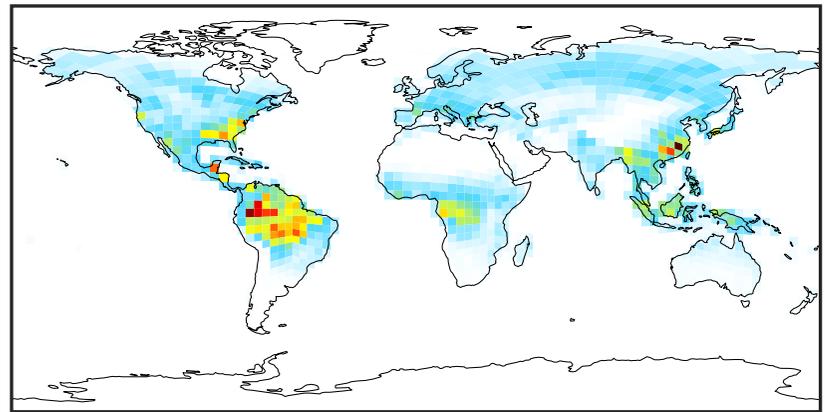
Ref and Dev equal throughout domain
unitless

EmisEOH_Biogenic

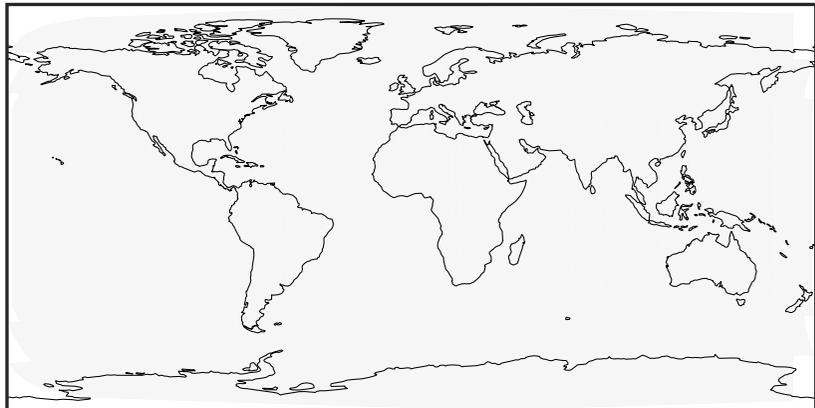
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

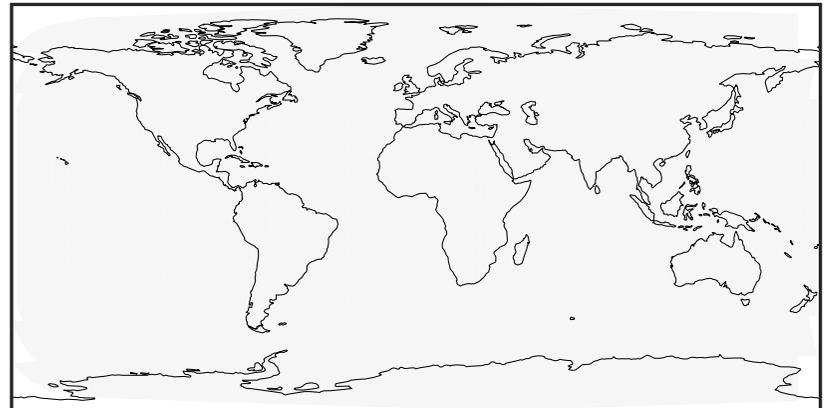


Difference
Dev - Ref, Dynamic Range



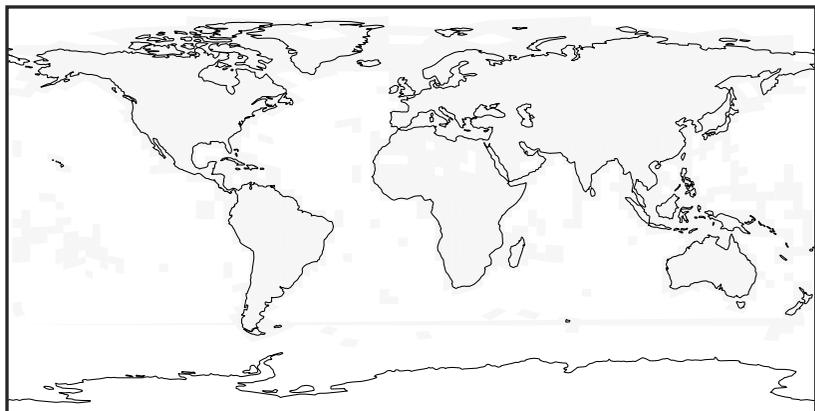
Zero throughout domain
kg/m2/s

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



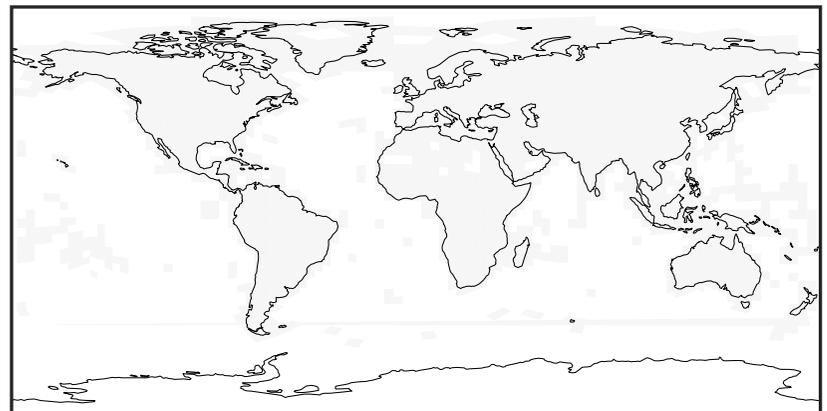
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

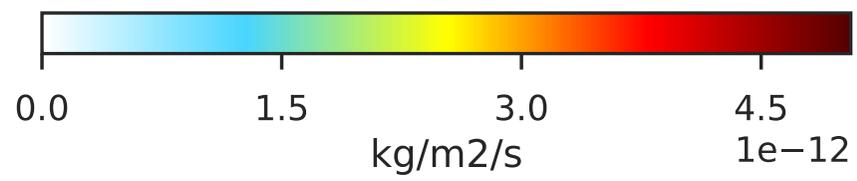
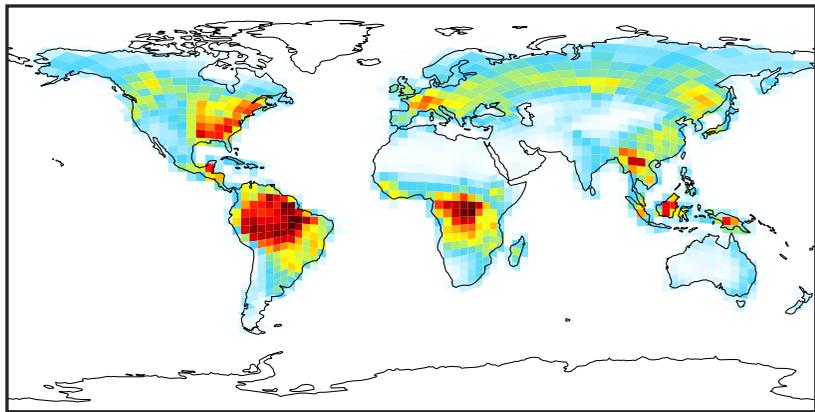
Ratio
Dev/Ref, Fixed Range



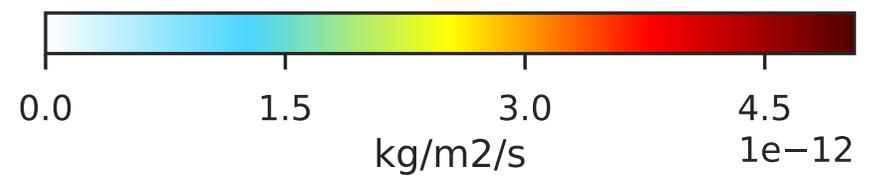
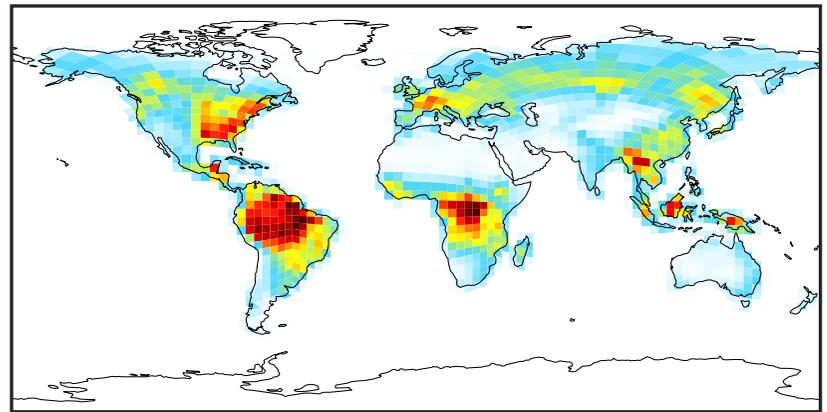
Ref and Dev equal throughout domain
unitless

EmisEOH_PlantDecay

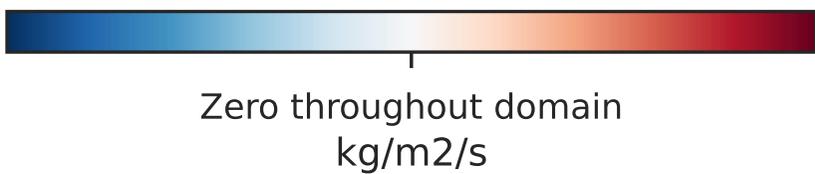
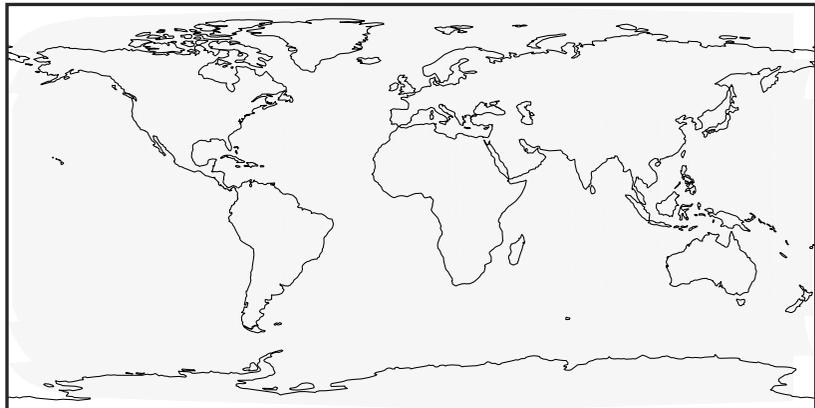
gchp-c24-1Mon-14.2.0 (Ref)
c24



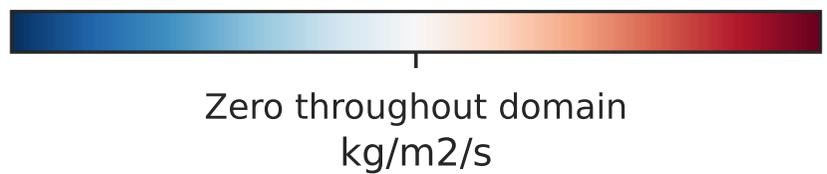
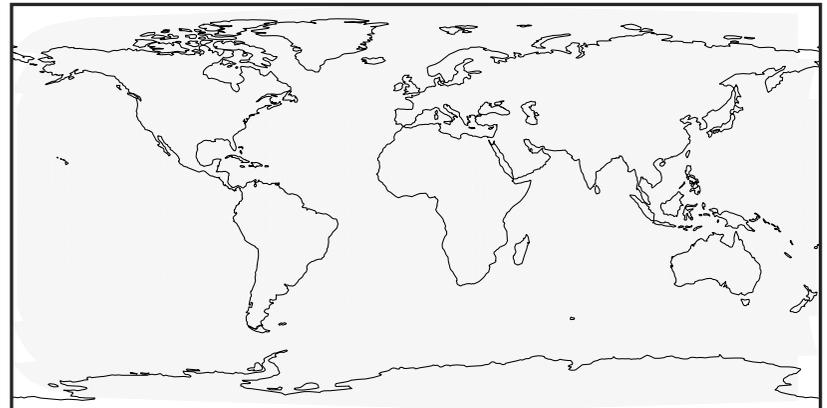
gchp-c24-1Mon-14.2.1 (Dev)
c24



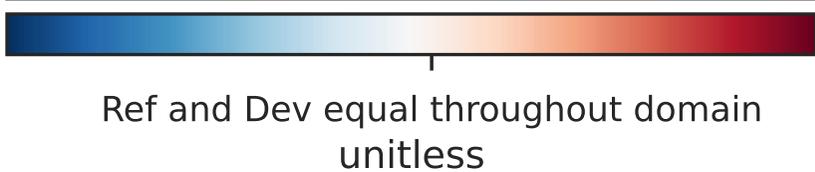
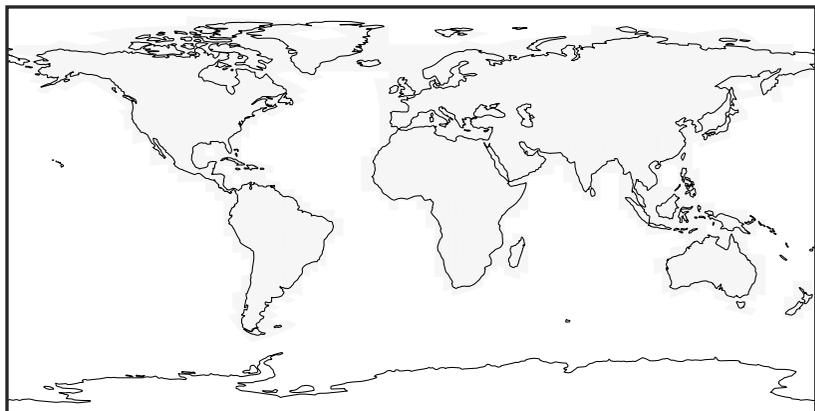
Difference
Dev - Ref, Dynamic Range



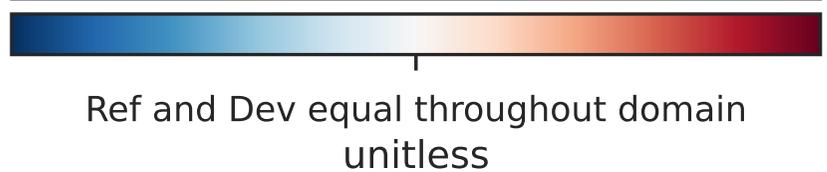
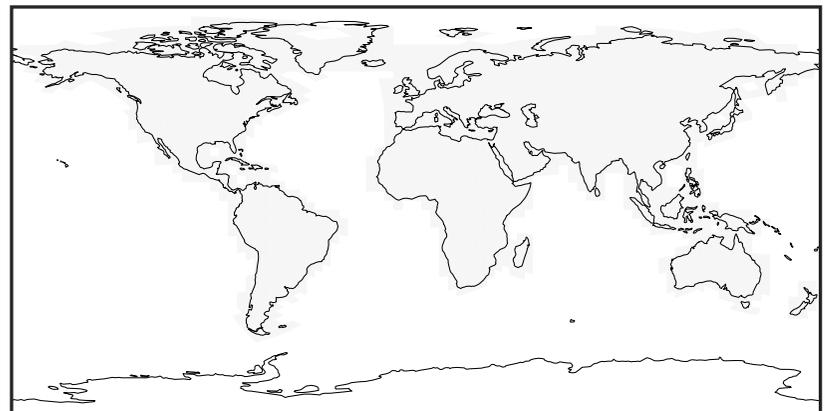
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

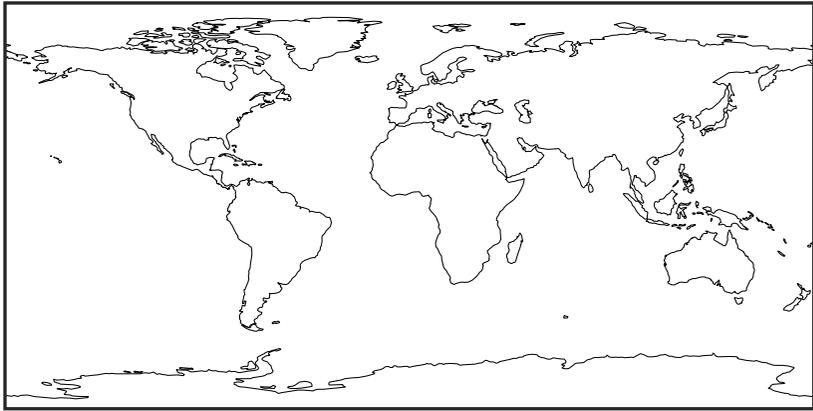


Ratio
Dev/Ref, Fixed Range



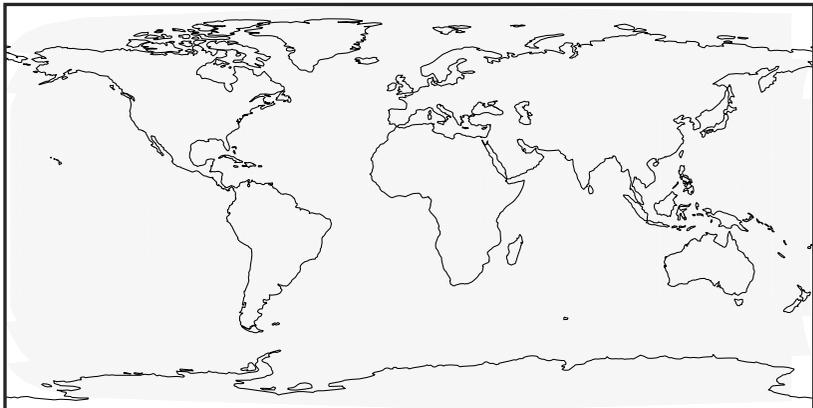
EmisEOH_Ship

gchp-c24-1Mon-14.2.0 (Ref)
c24



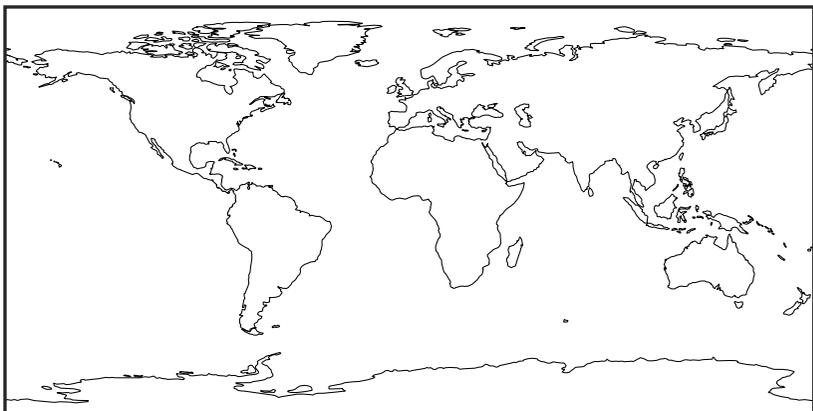
Zero throughput domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



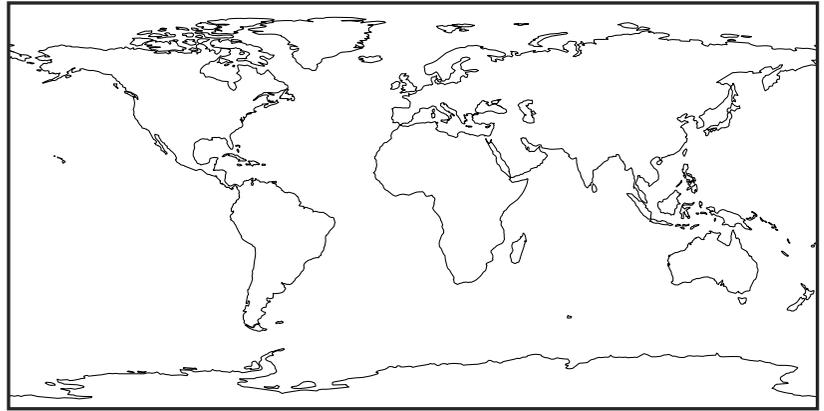
Zero throughput domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



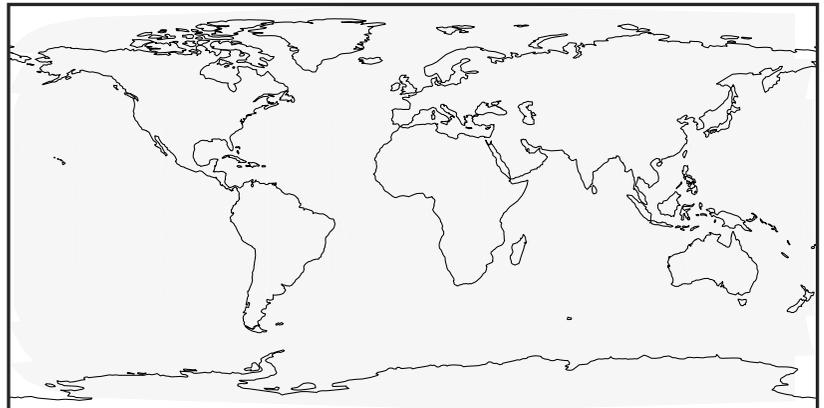
Undefined throughput domain
unitless

gchp-c24-1Mon-14.2.1 (Dev)
c24



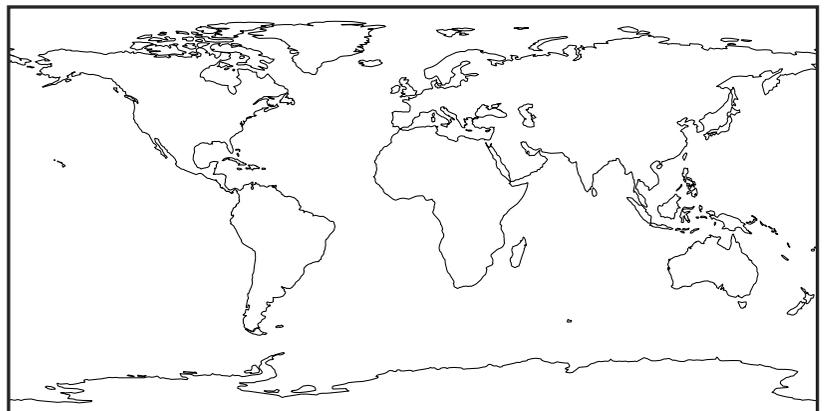
Zero throughput domain
kg/m2/s

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



Zero throughput domain
kg/m2/s

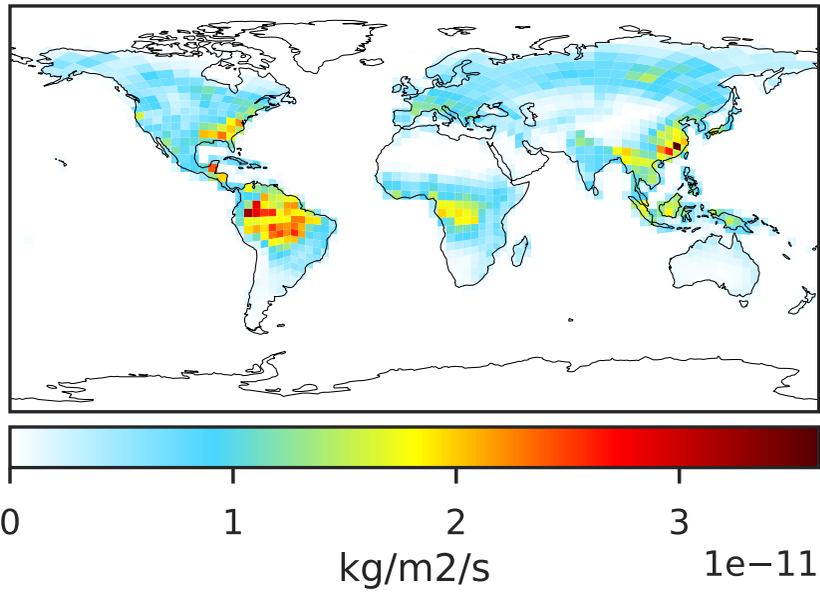
Ratio
Dev/Ref, Fixed Range



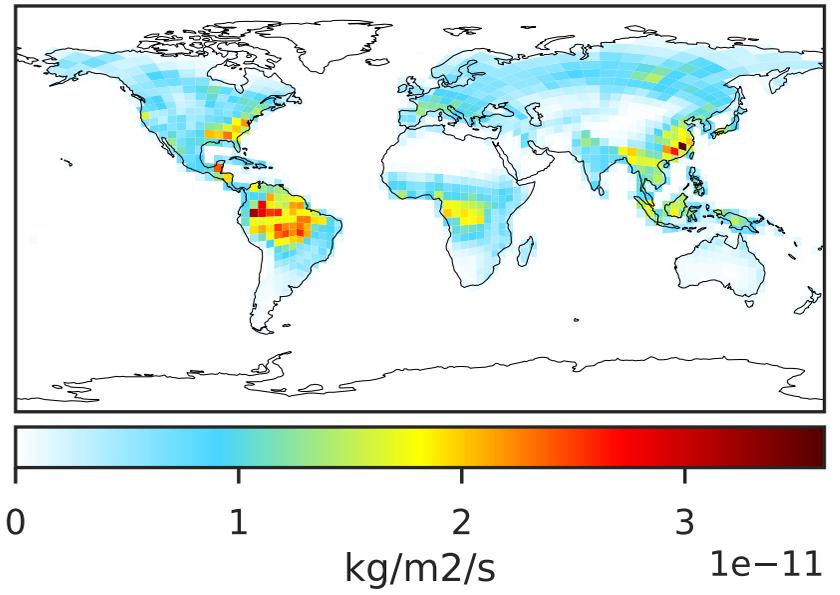
Undefined throughput domain
unitless

EmisEOH_Total

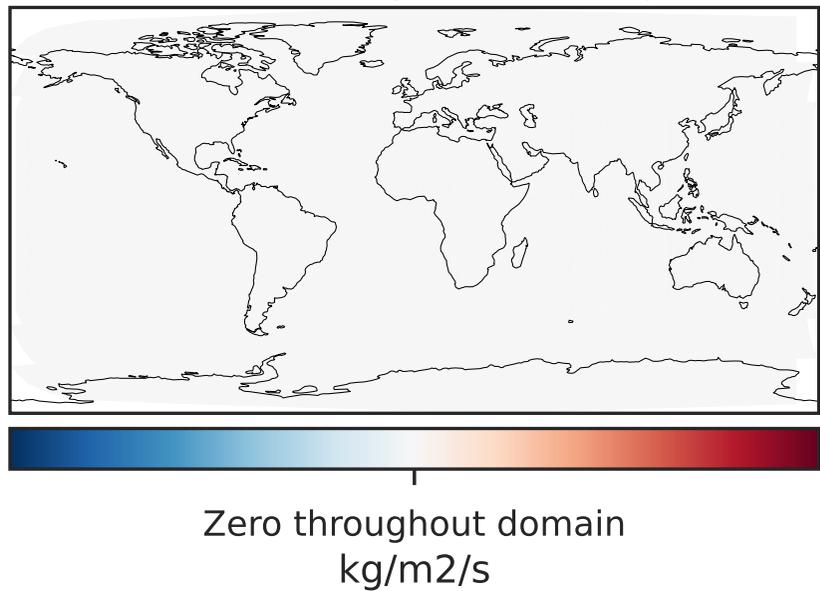
gchp-c24-1Mon-14.2.0 (Ref)
c24



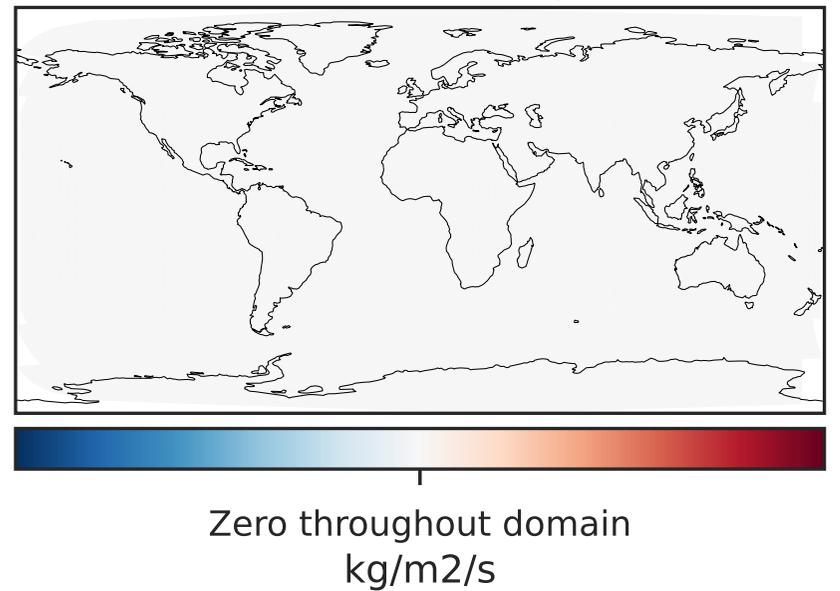
gchp-c24-1Mon-14.2.1 (Dev)
c24



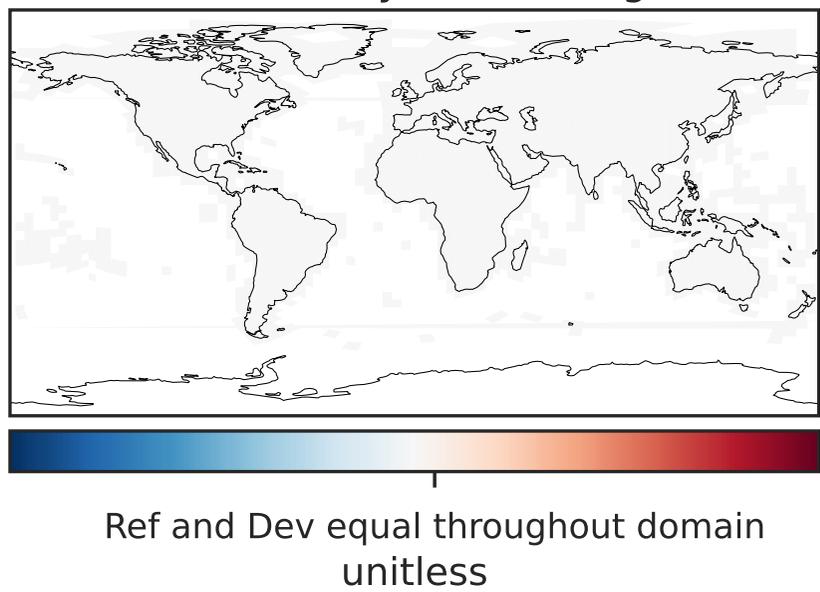
Difference
Dev - Ref, Dynamic Range



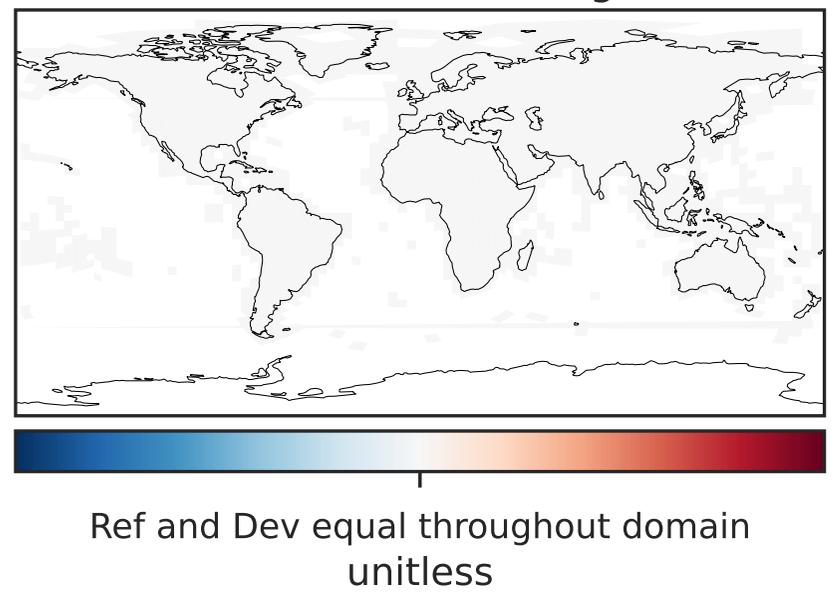
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

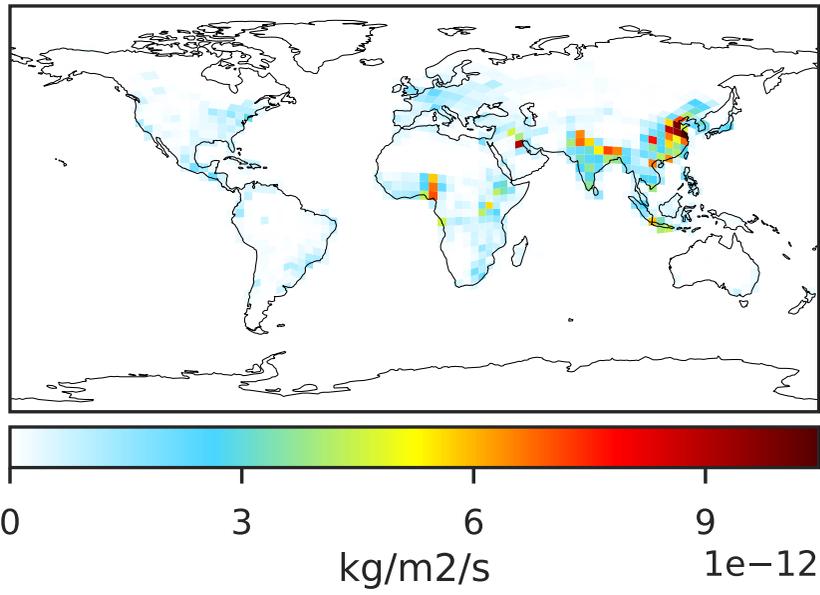


Ratio
Dev/Ref, Fixed Range

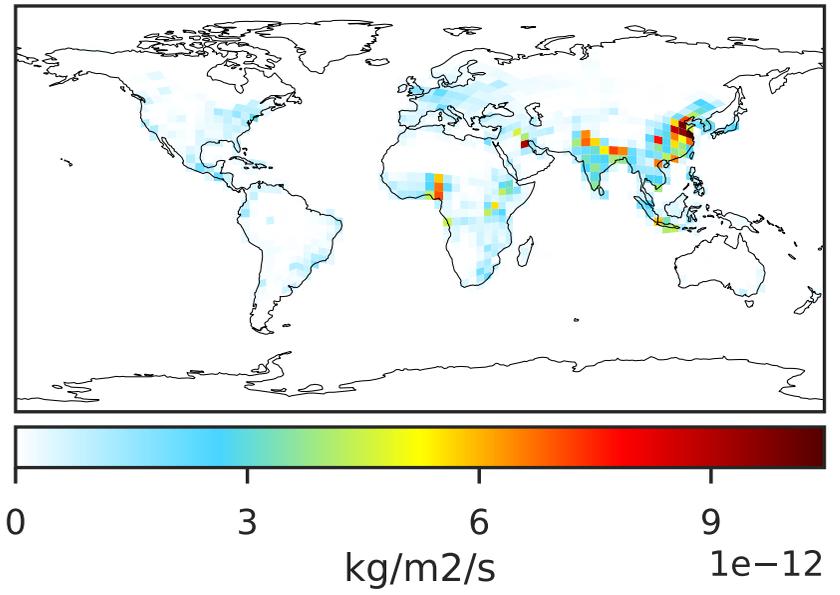


EmisMOH_Anthro

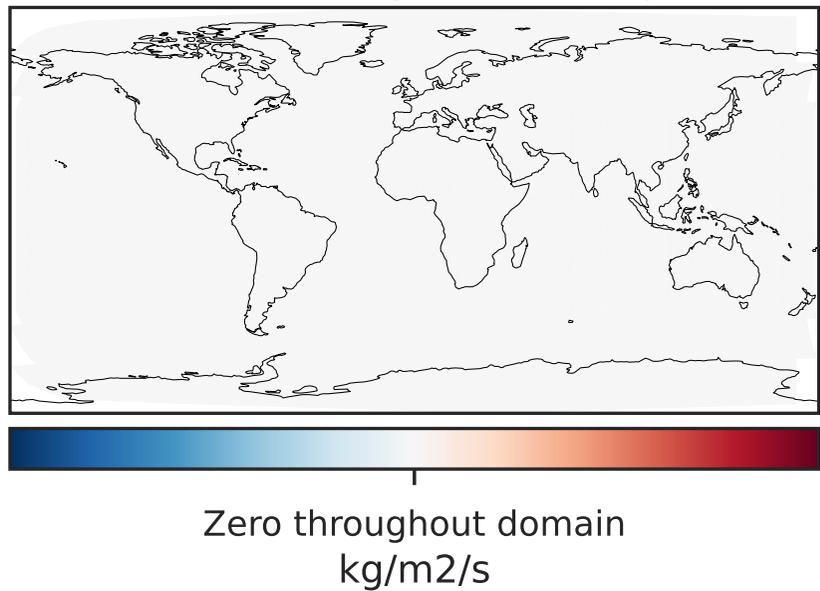
gchp-c24-1Mon-14.2.0 (Ref)
c24



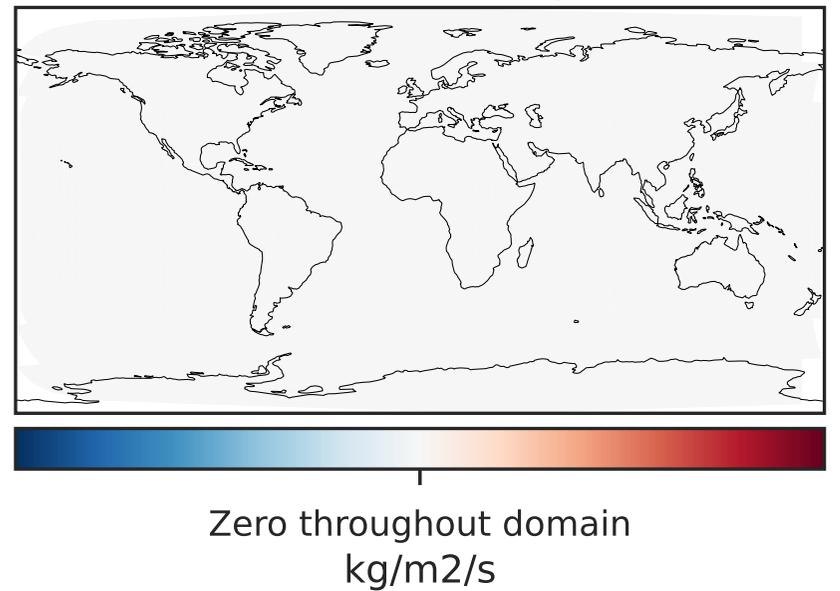
gchp-c24-1Mon-14.2.1 (Dev)
c24



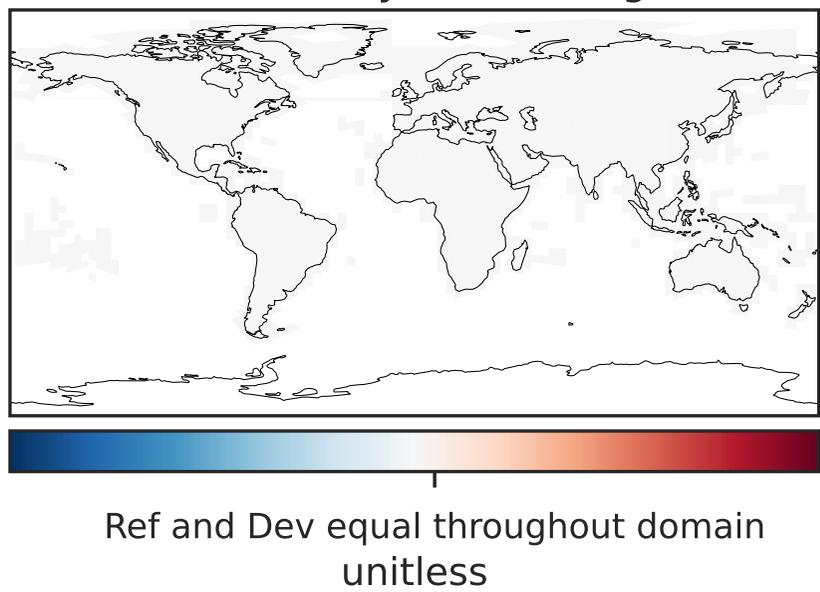
Difference
Dev - Ref, Dynamic Range



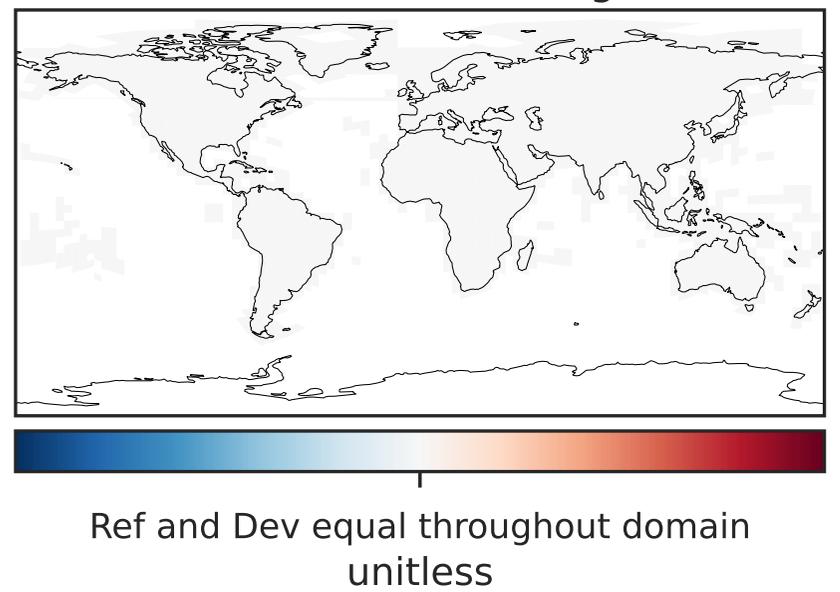
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

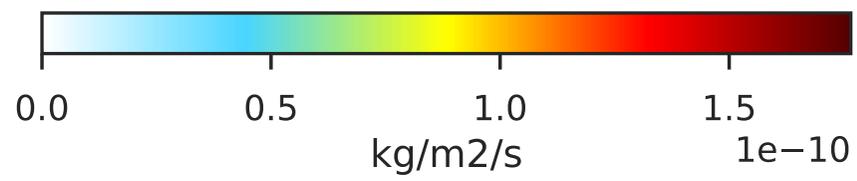
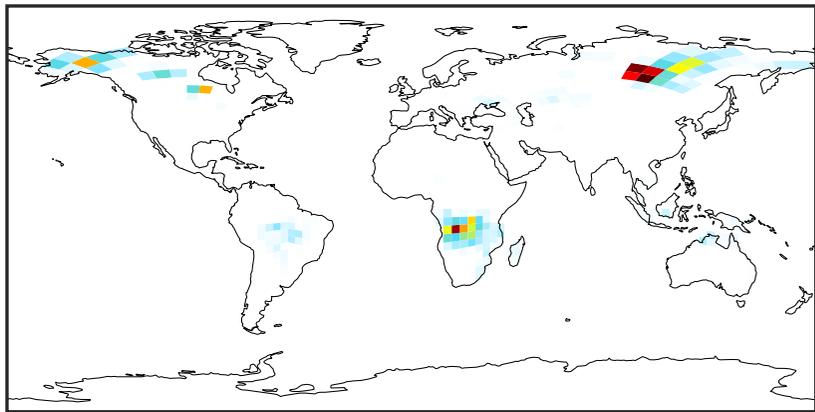


Ratio
Dev/Ref, Fixed Range

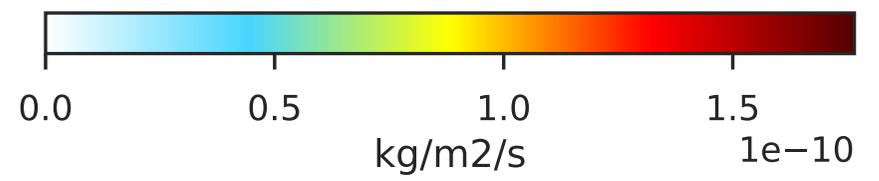
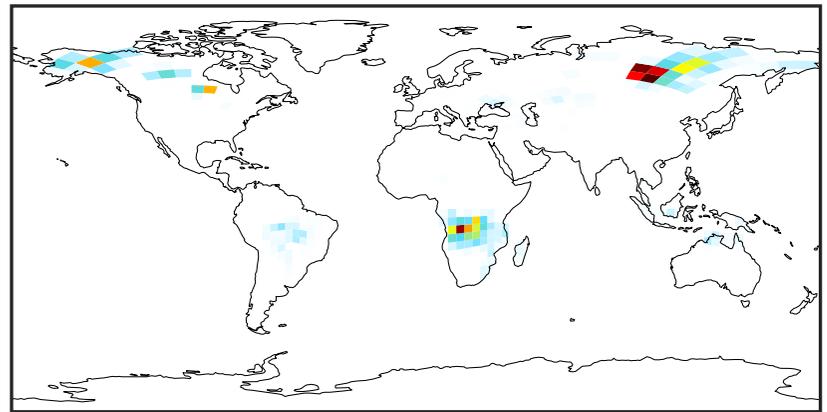


EmisMOH_BioBurn

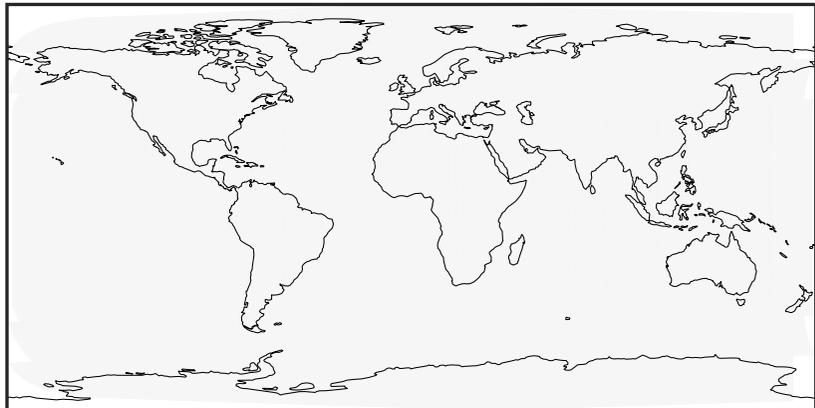
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

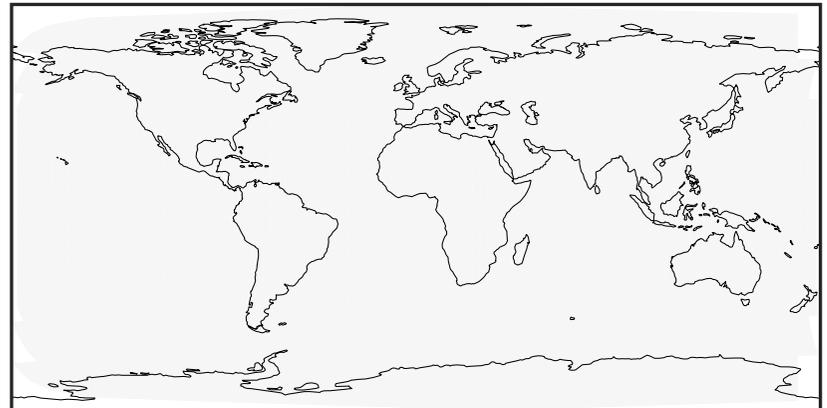


Difference
Dev - Ref, Dynamic Range



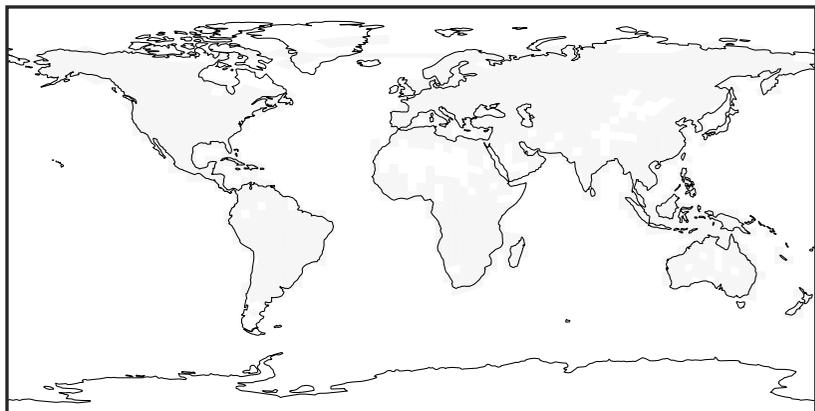
Zero throughout domain
kg/m2/s

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



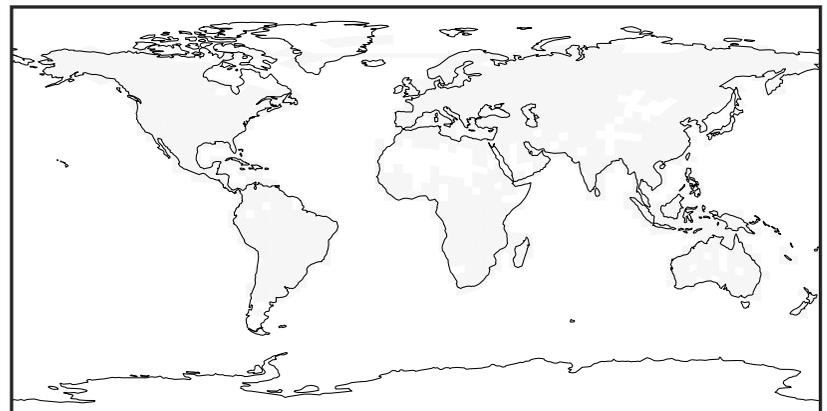
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

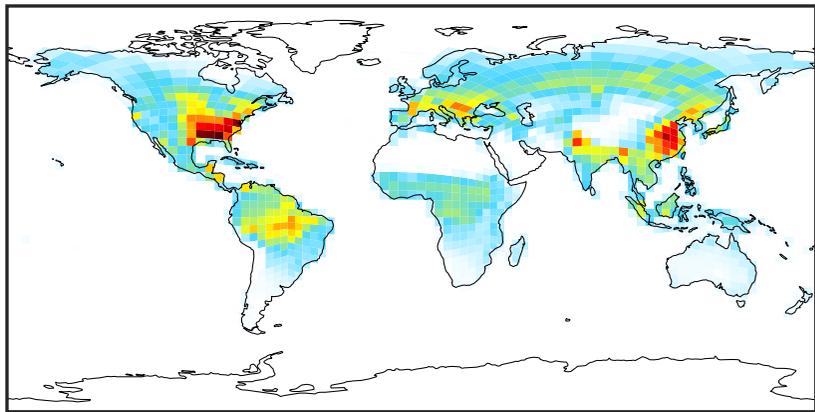
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

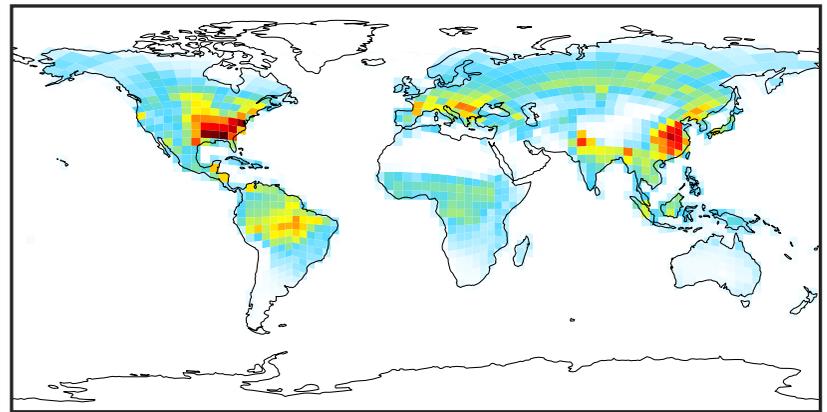
EmisMOH_Biogenic

gchp-c24-1Mon-14.2.0 (Ref)
c24



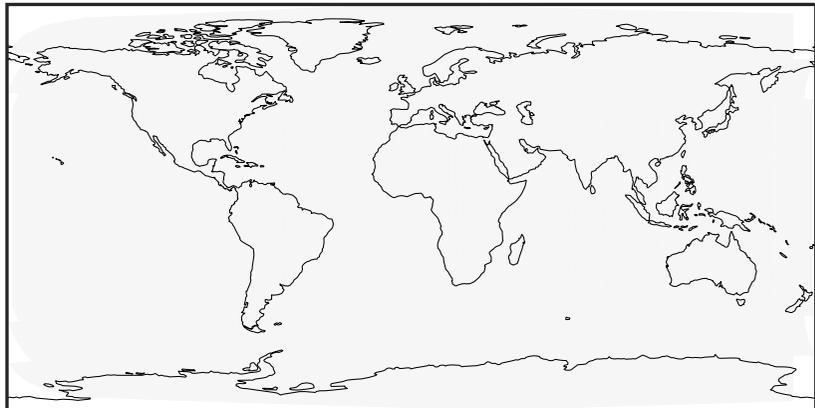
0.0 0.4 0.8 1.2
kg/m2/s 1e-10

gchp-c24-1Mon-14.2.1 (Dev)
c24



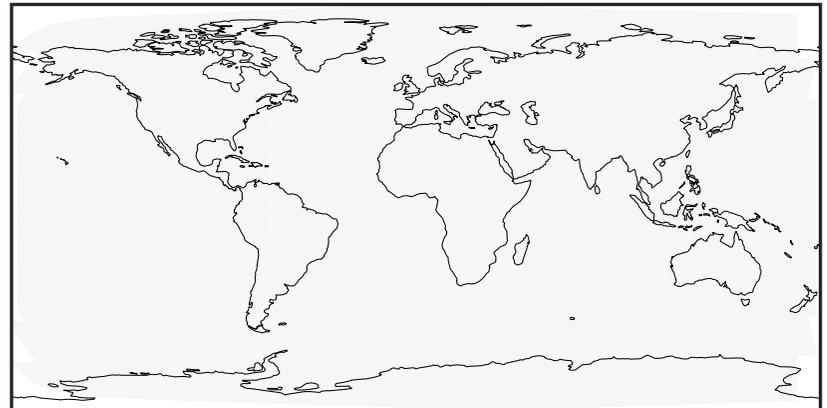
0.0 0.4 0.8 1.2
kg/m2/s 1e-10

Difference
Dev - Ref, Dynamic Range



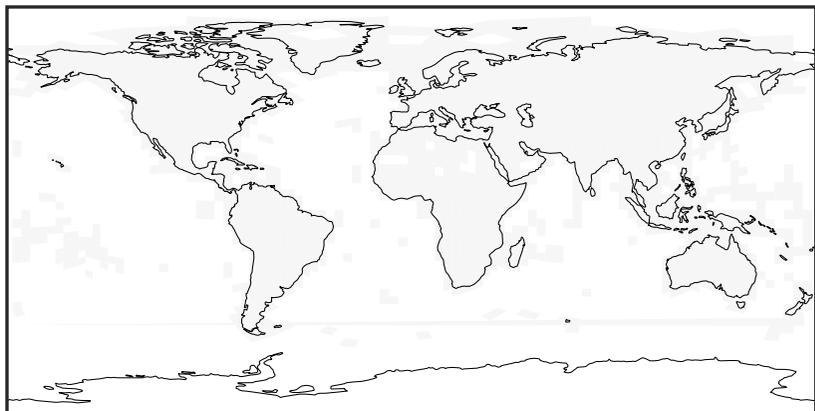
Zero throughout domain
kg/m2/s

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



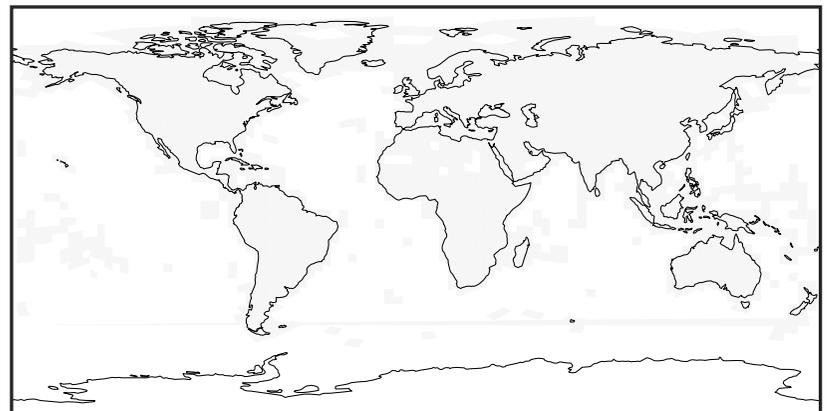
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

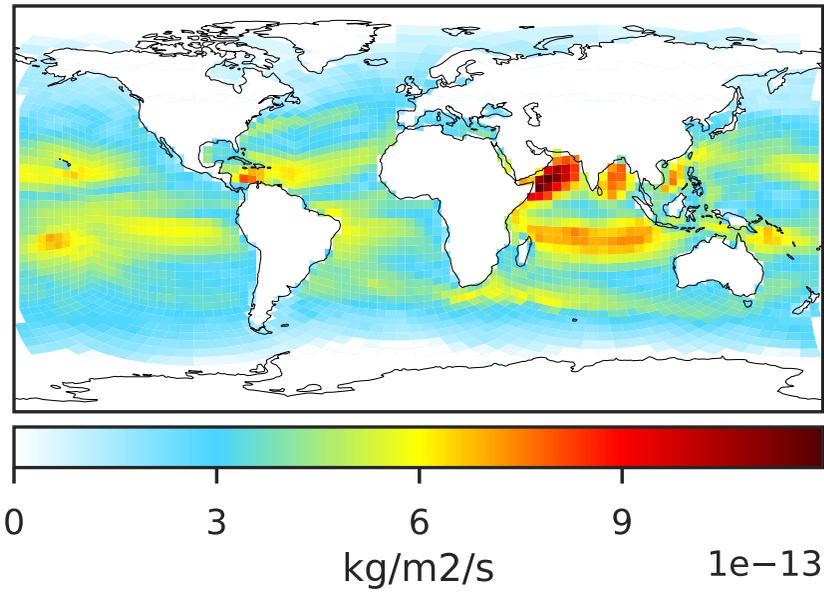
Ratio
Dev/Ref, Fixed Range



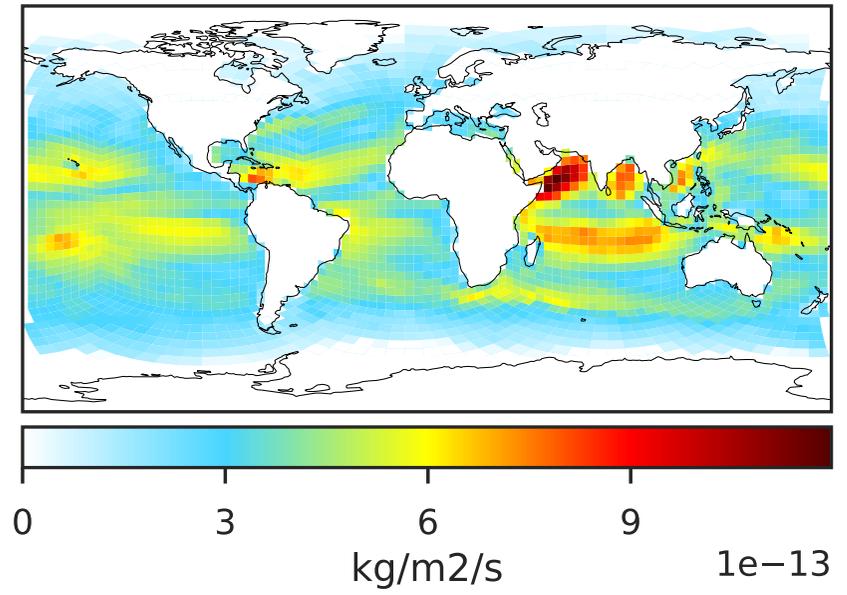
Ref and Dev equal throughout domain
unitless

EmisMOH_Ocean

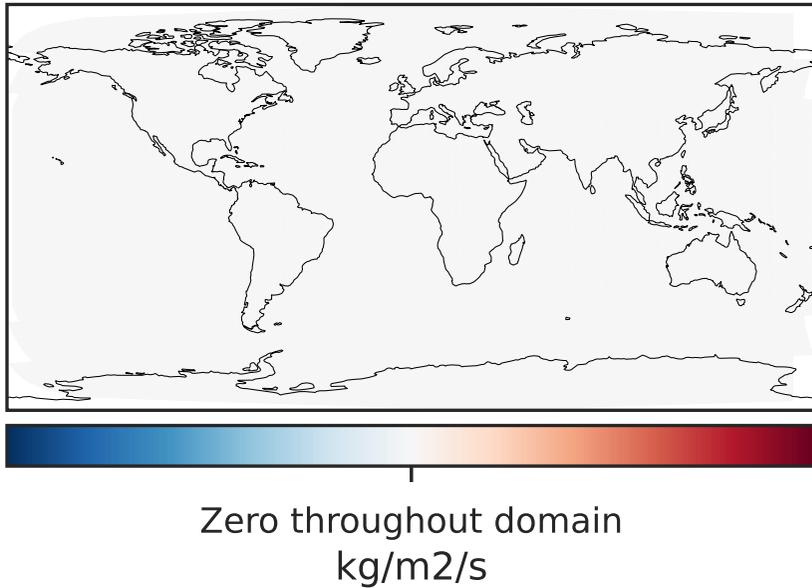
gchp-c24-1Mon-14.2.0 (Ref)
c24



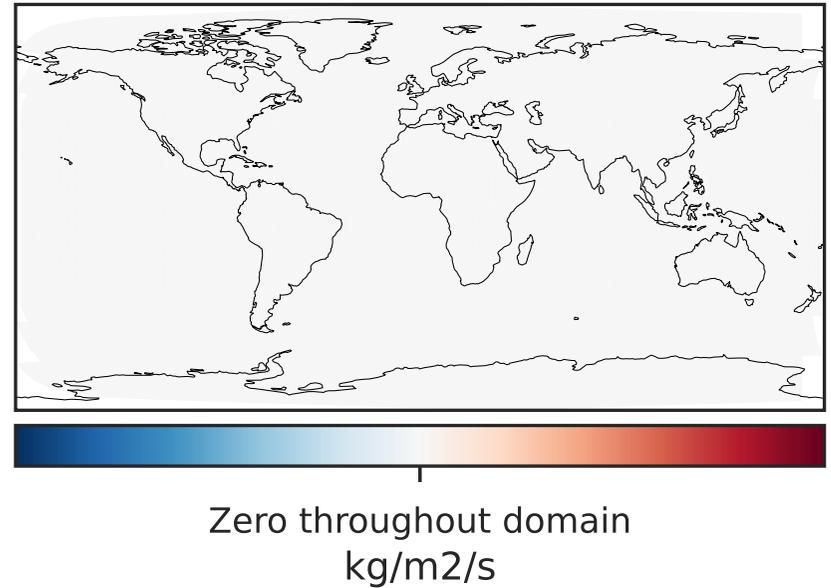
gchp-c24-1Mon-14.2.1 (Dev)
c24



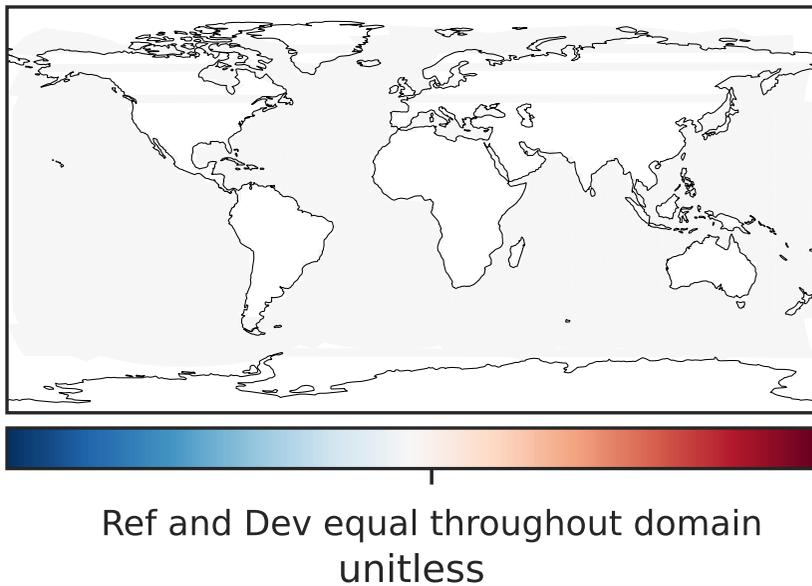
Difference
Dev - Ref, Dynamic Range



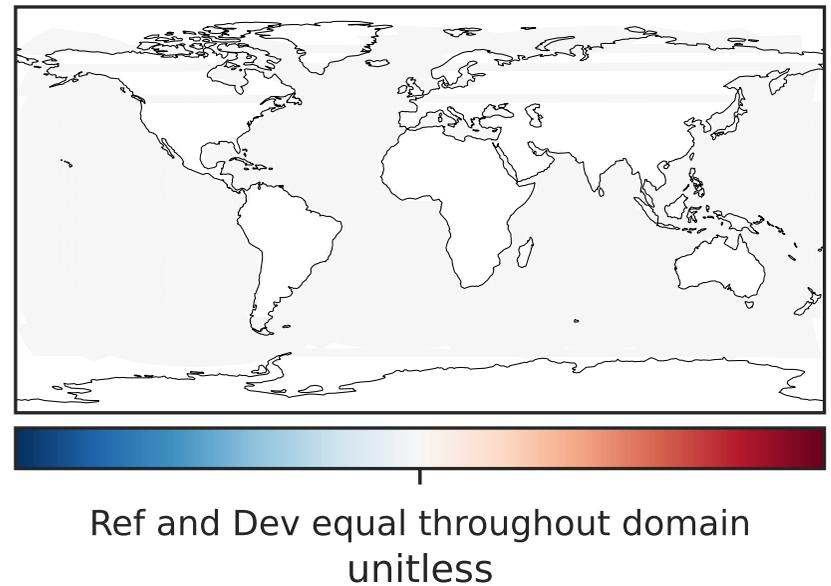
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

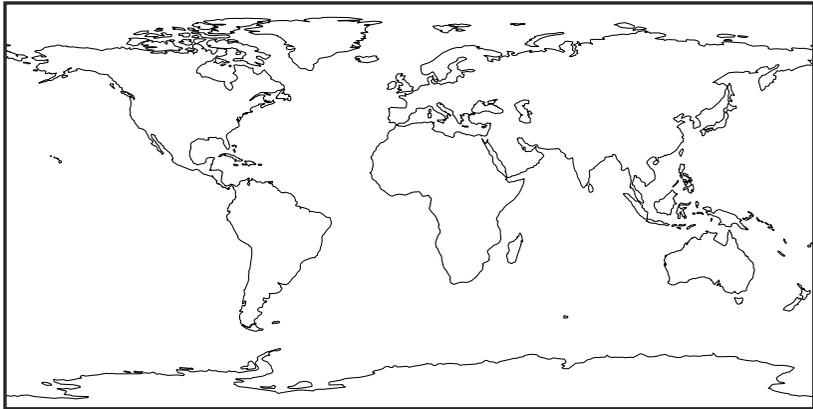


Ratio
Dev/Ref, Fixed Range



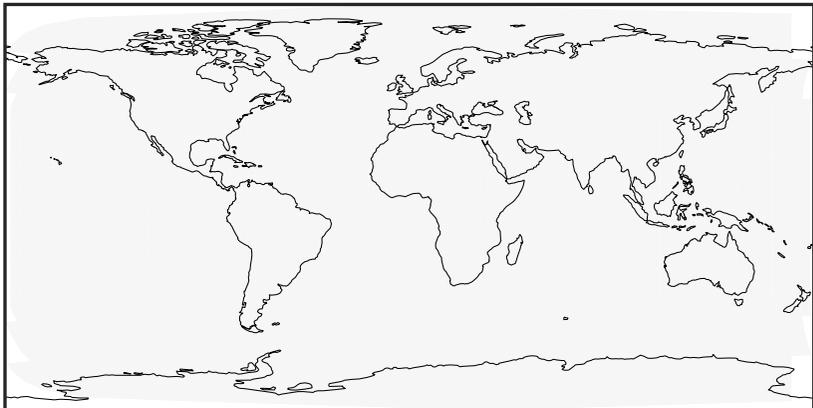
EmisMOH_Ship

gchp-c24-1Mon-14.2.0 (Ref)
c24



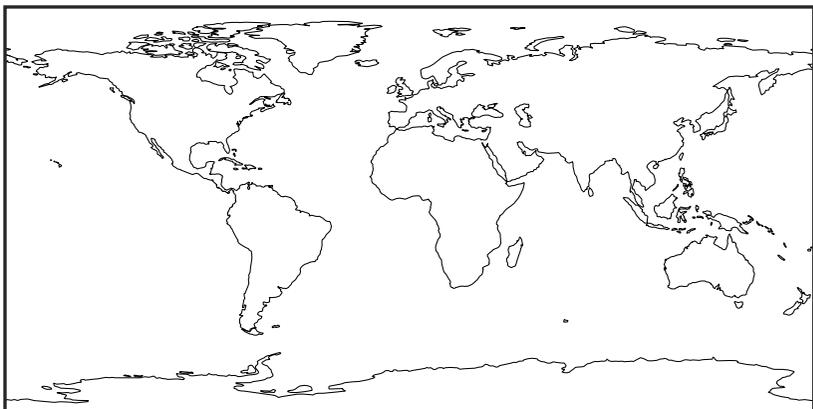
Zero throughput domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



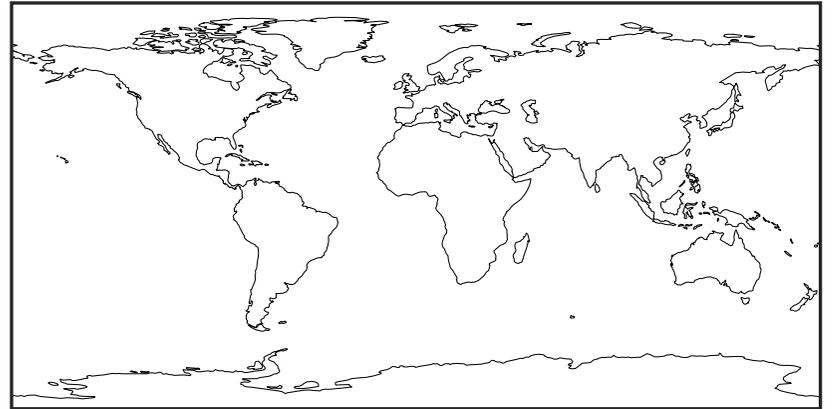
Zero throughput domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



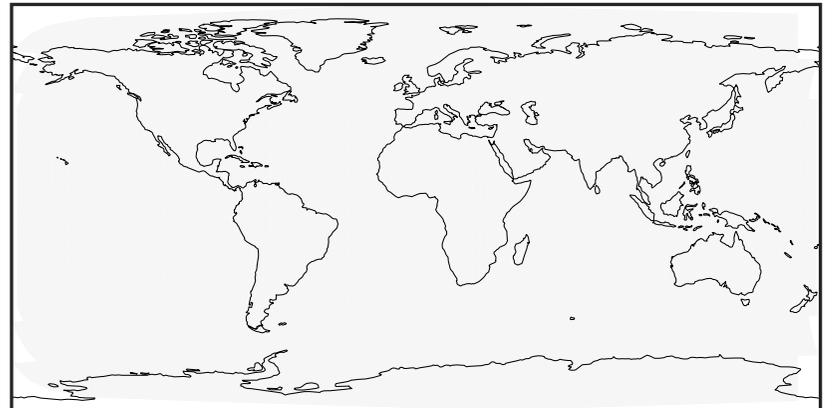
Undefined throughout domain
unitless

gchp-c24-1Mon-14.2.1 (Dev)
c24



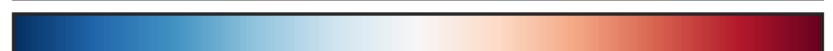
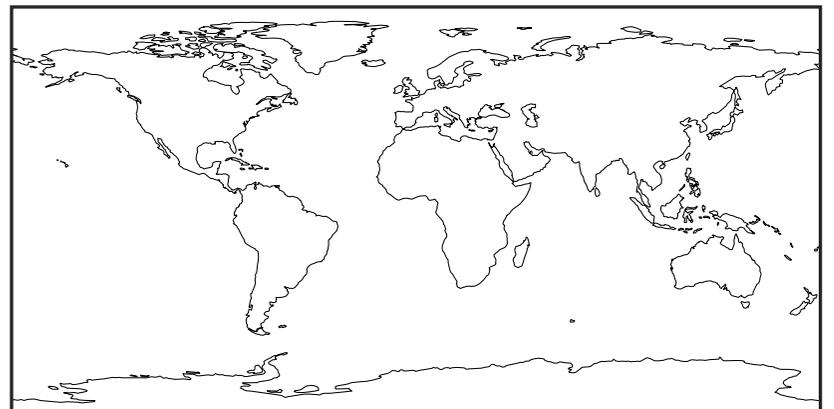
Zero throughput domain
kg/m²/s

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



Zero throughput domain
kg/m²/s

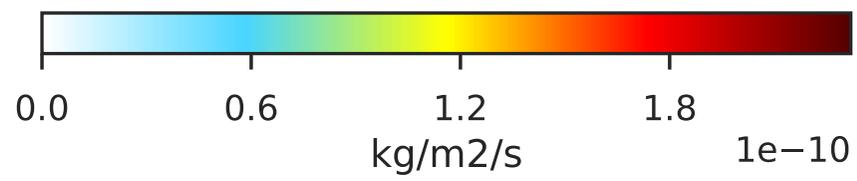
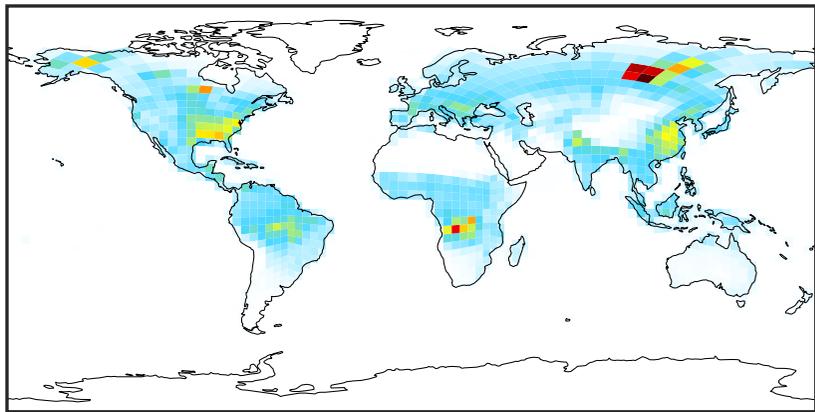
Ratio
Dev/Ref, Fixed Range



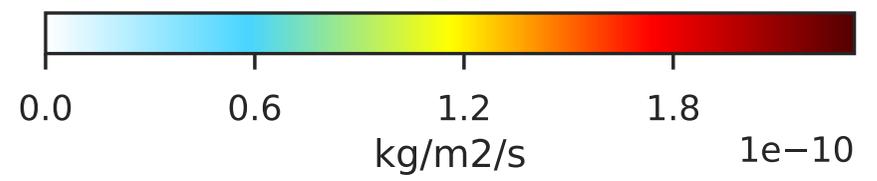
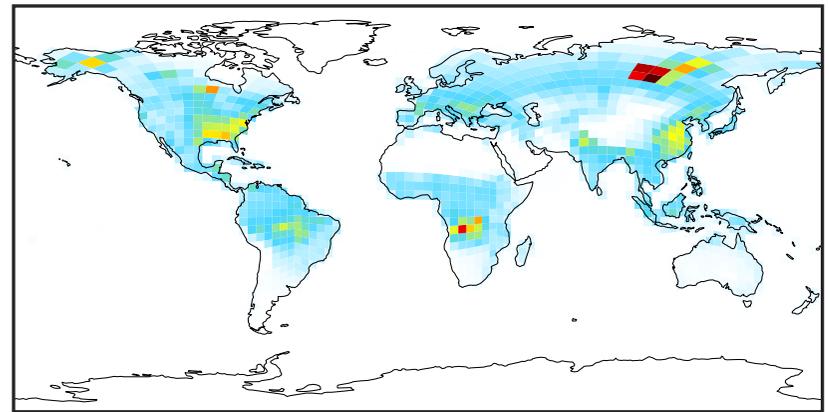
Undefined throughout domain
unitless

EmisMOH_Total

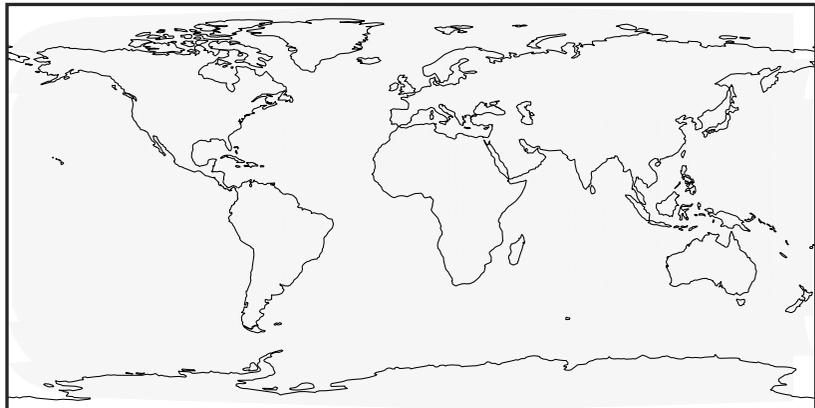
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

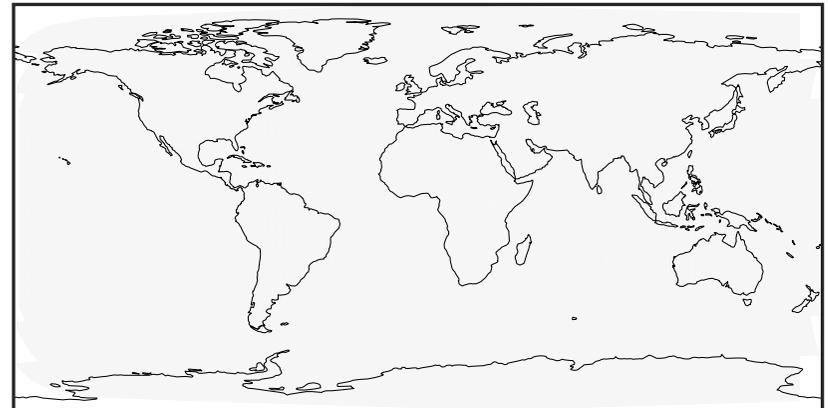


Difference
Dev - Ref, Dynamic Range



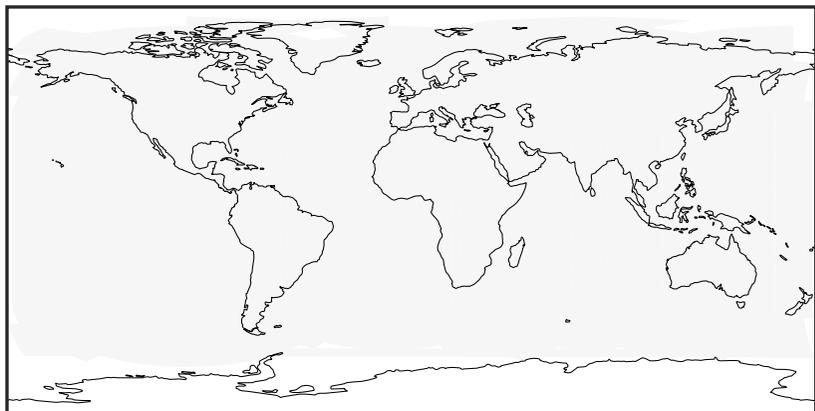
Zero throughout domain
kg/m2/s

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



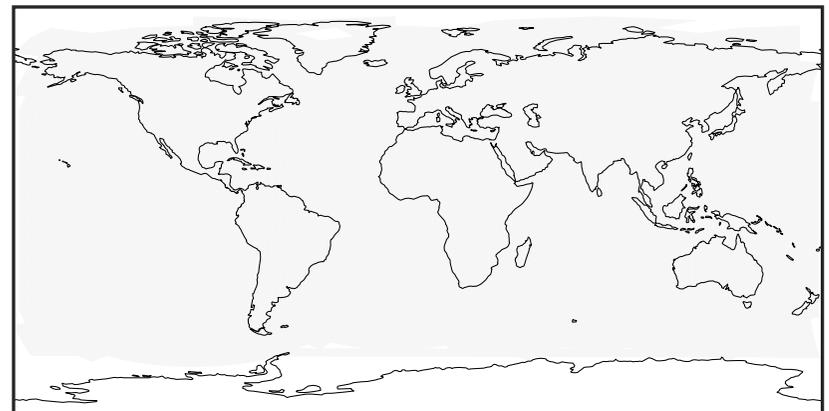
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



1
unitless

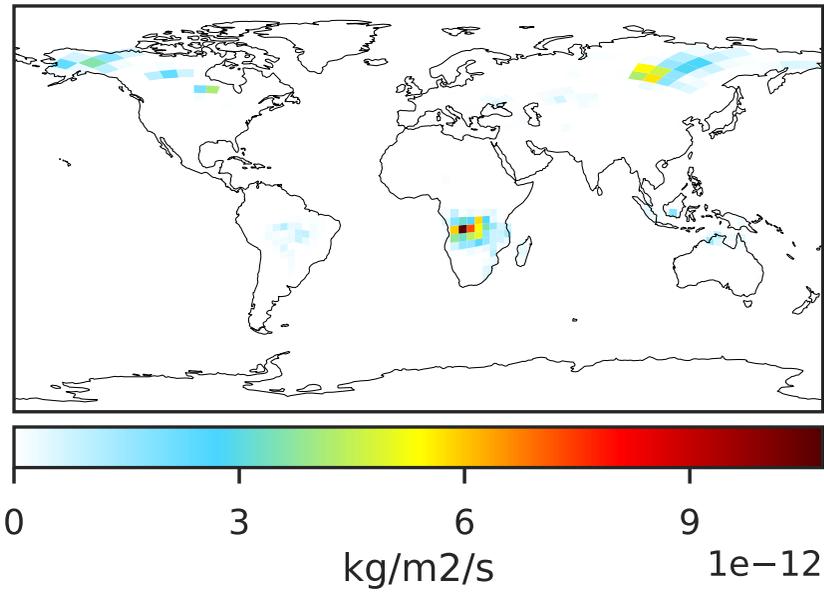
Ratio
Dev/Ref, Fixed Range



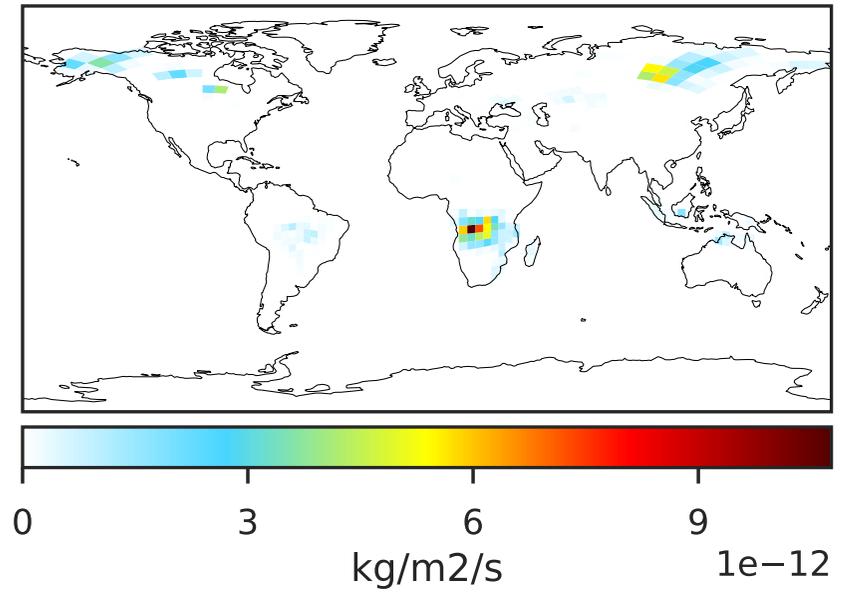
0.50 0.75 1.00 1.50 2.00
unitless

EmisISOP_BioBurn

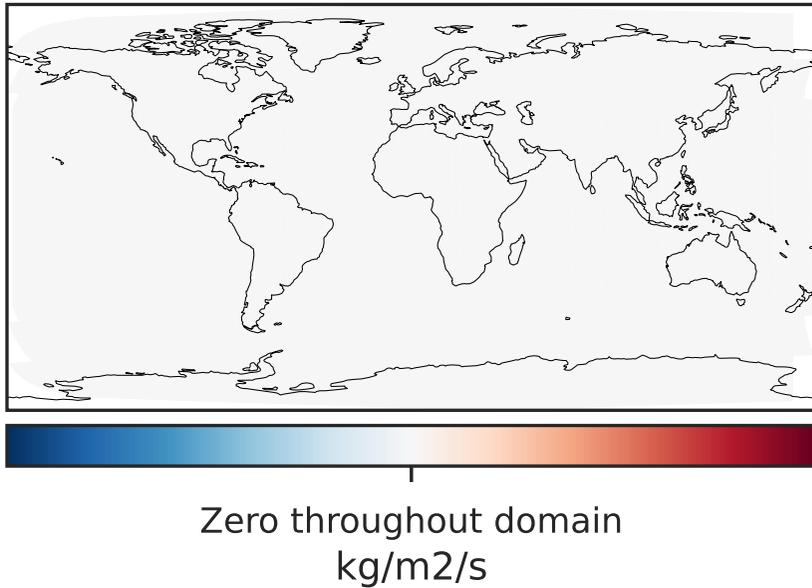
gchp-c24-1Mon-14.2.0 (Ref)
c24



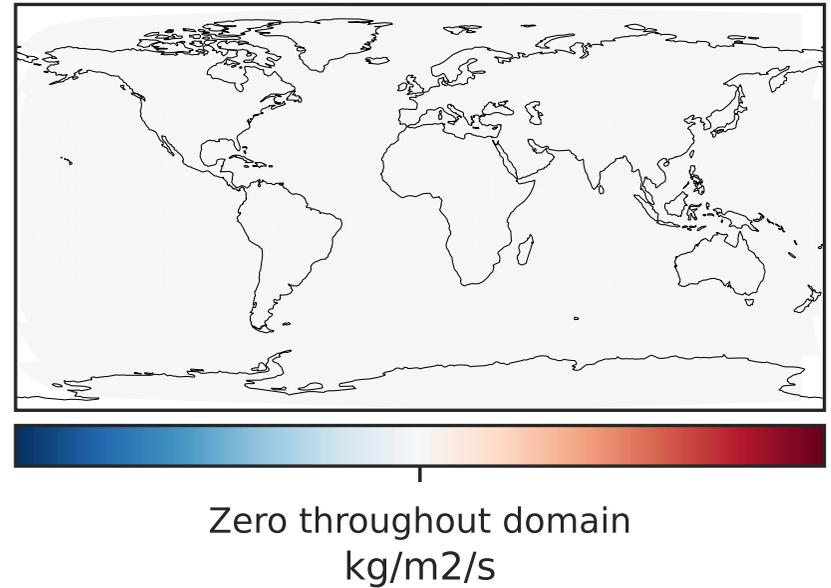
gchp-c24-1Mon-14.2.1 (Dev)
c24



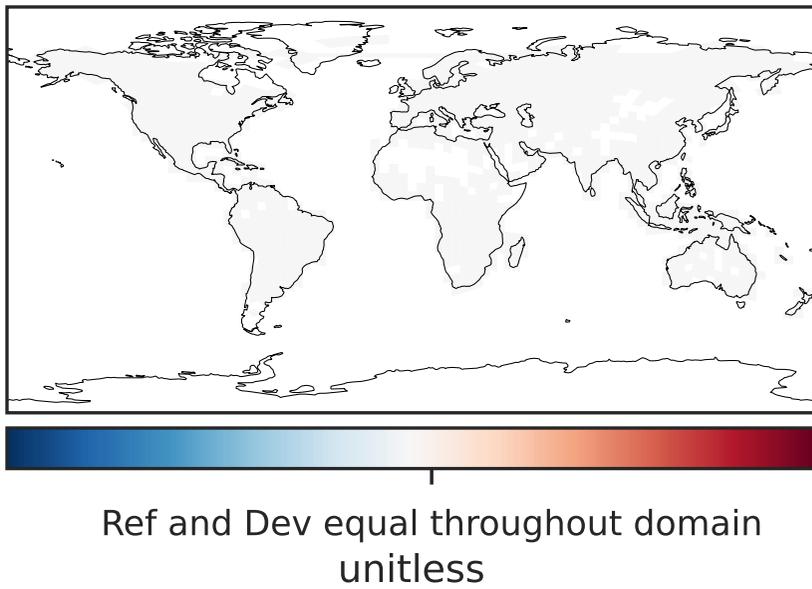
Difference
Dev - Ref, Dynamic Range



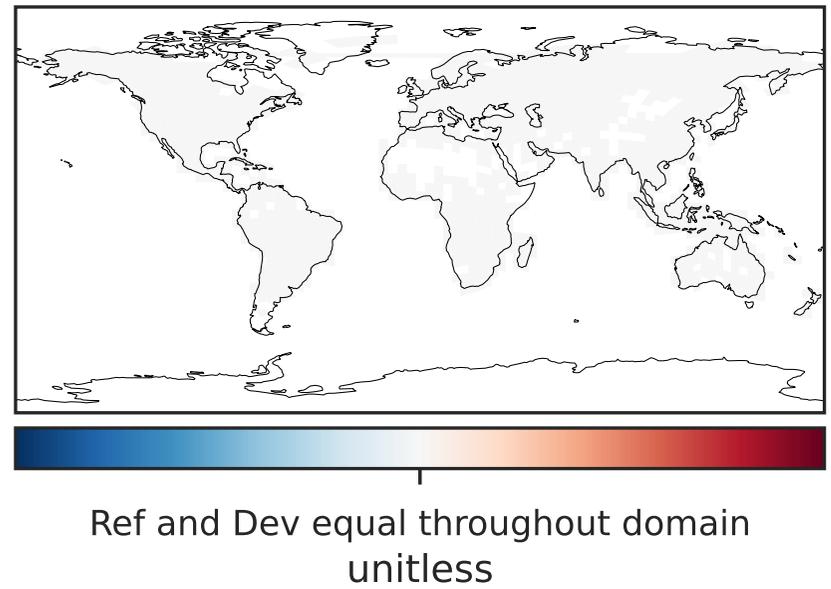
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

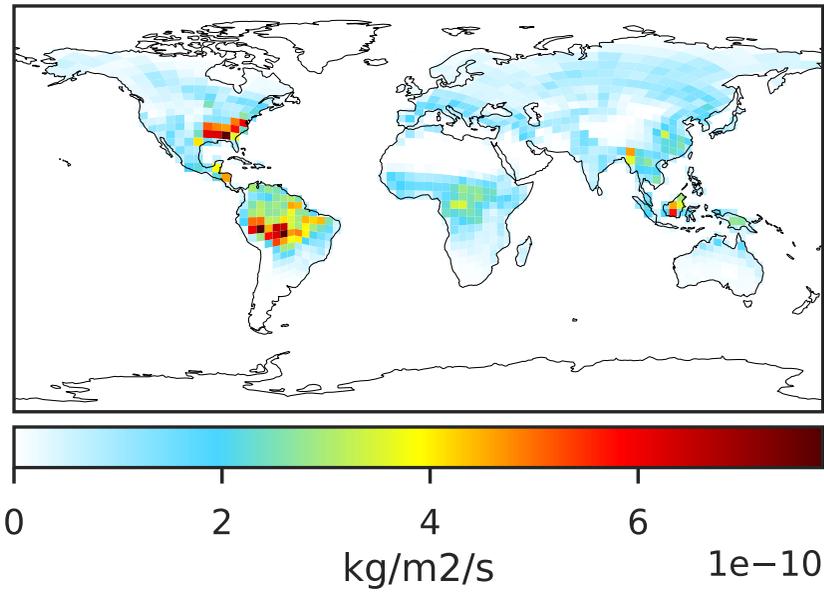


Ratio
Dev/Ref, Fixed Range

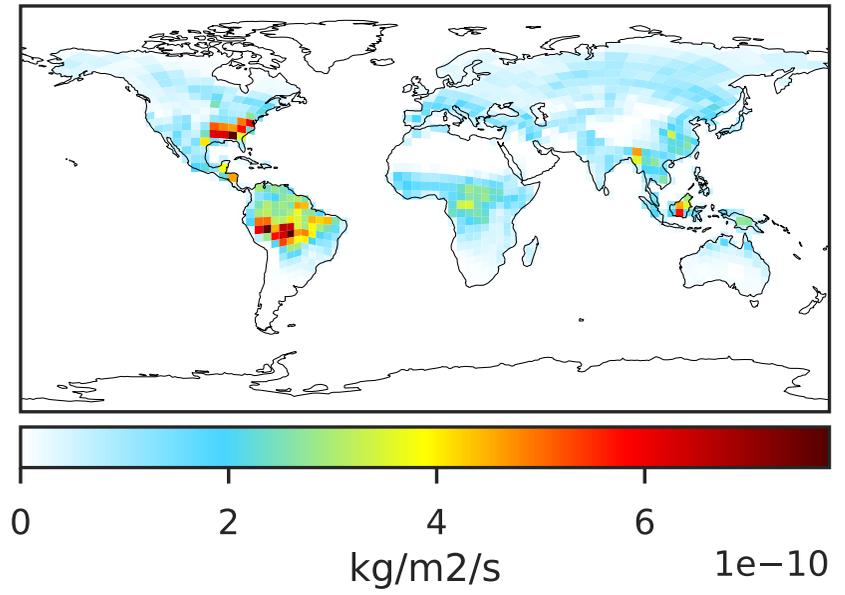


EmisSOP_Biogenic

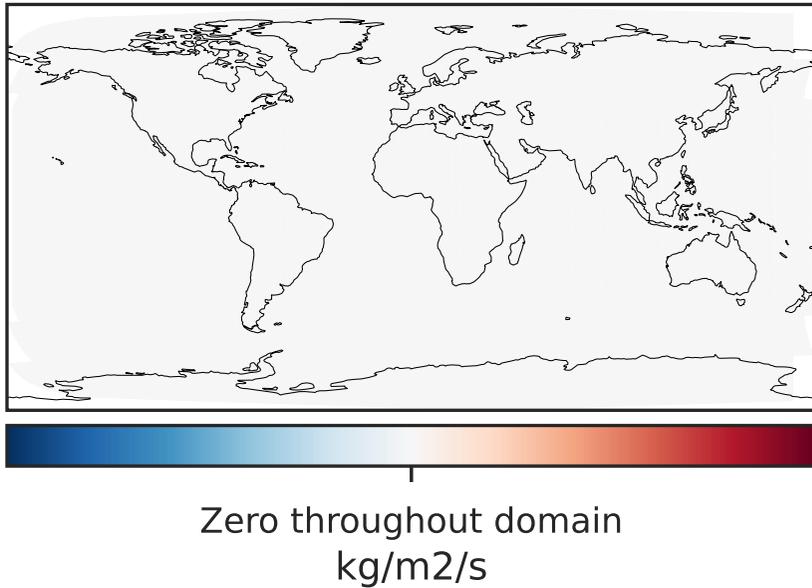
gchp-c24-1Mon-14.2.0 (Ref)
c24



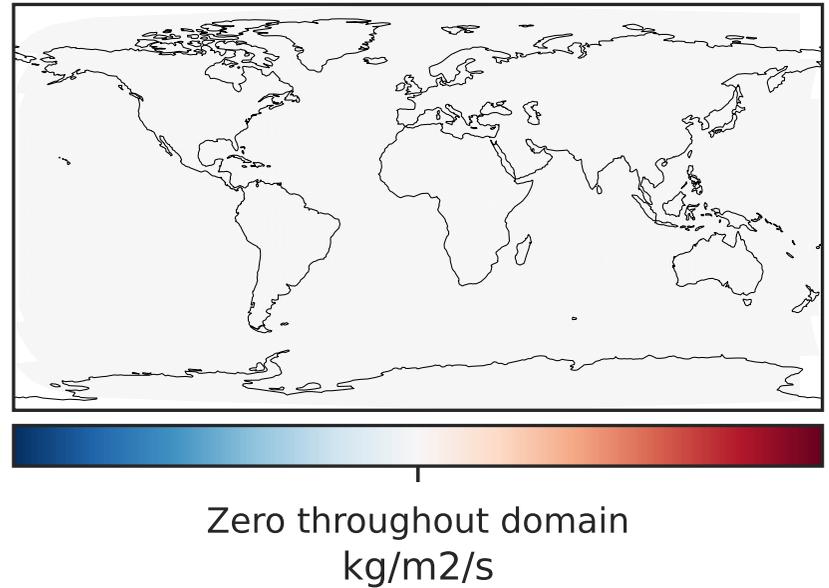
gchp-c24-1Mon-14.2.1 (Dev)
c24



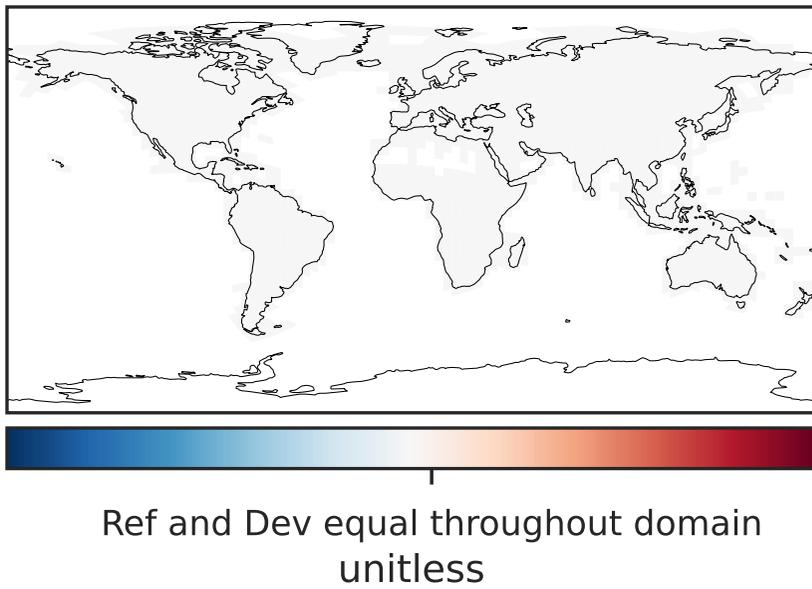
Difference
Dev - Ref, Dynamic Range



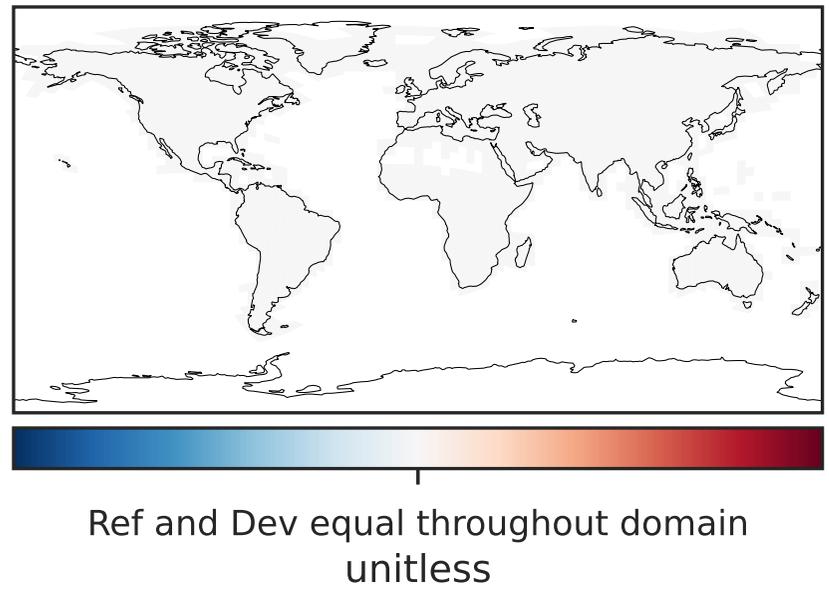
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

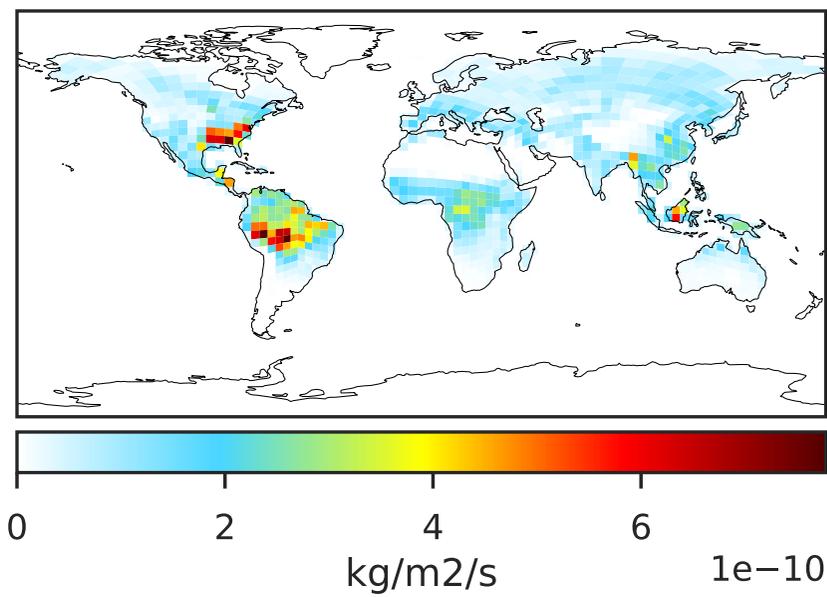


Ratio
Dev/Ref, Fixed Range

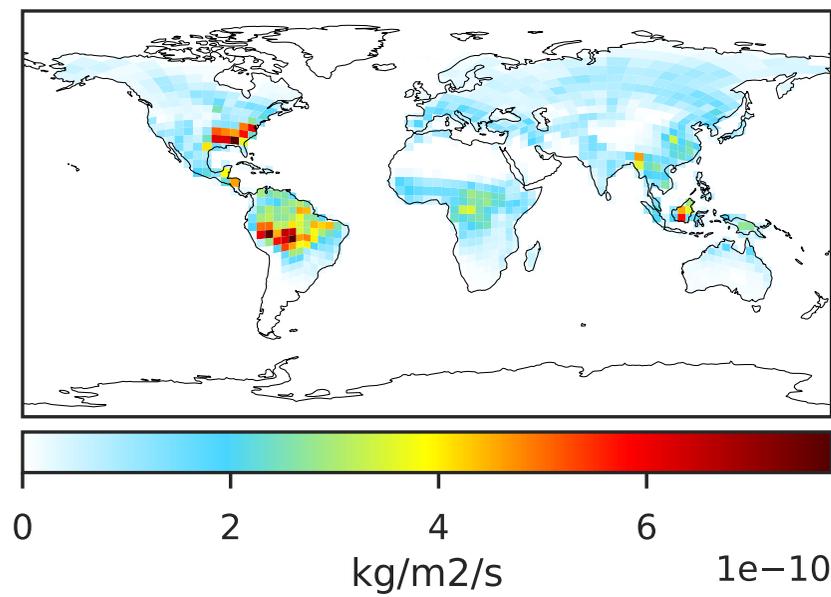


EmisISOP_Total

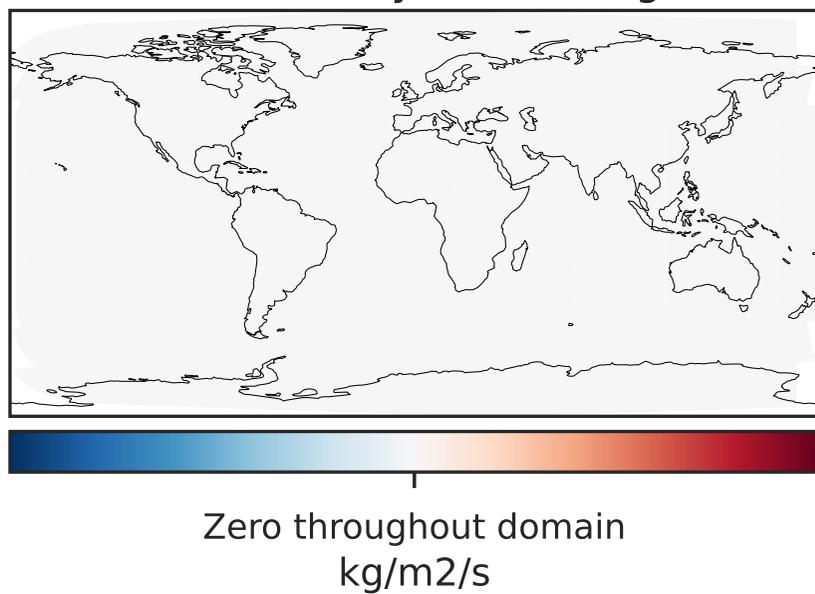
gchp-c24-1Mon-14.2.0 (Ref)
c24



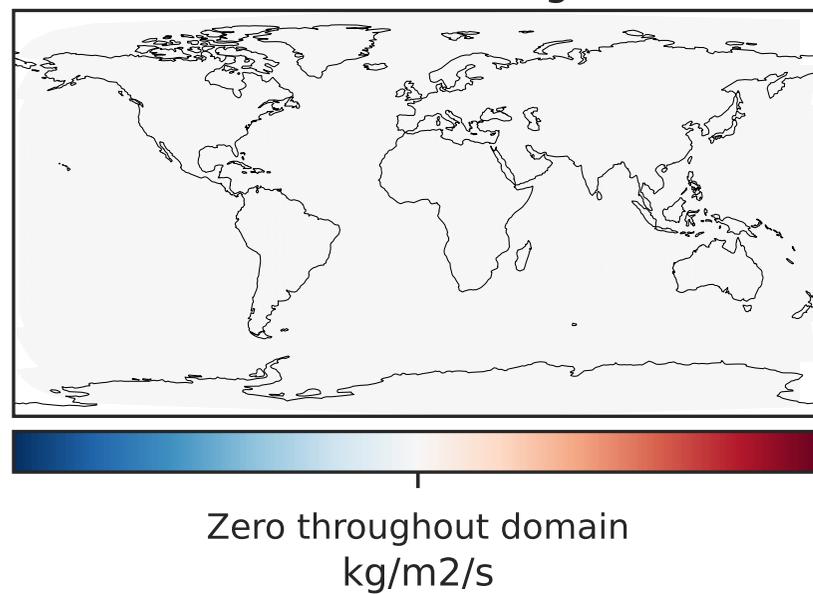
gchp-c24-1Mon-14.2.1 (Dev)
c24



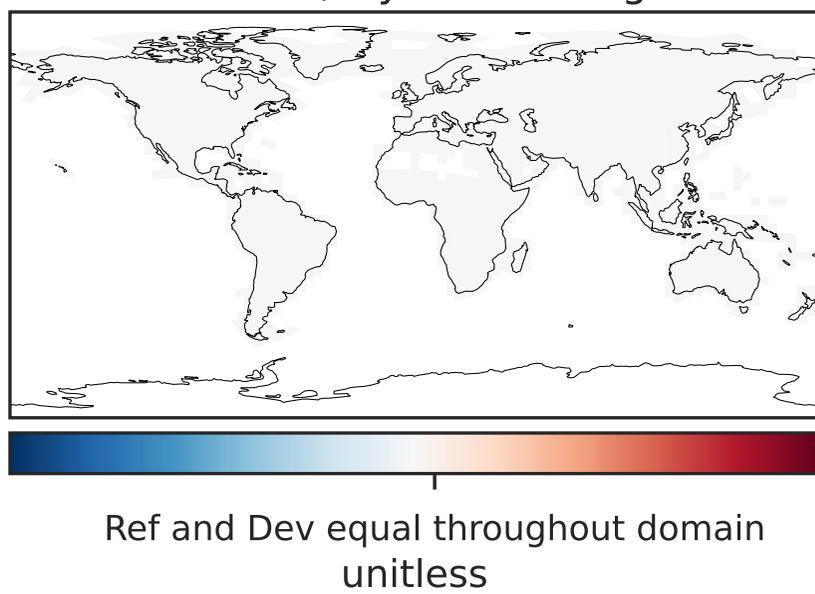
Difference
Dev - Ref, Dynamic Range



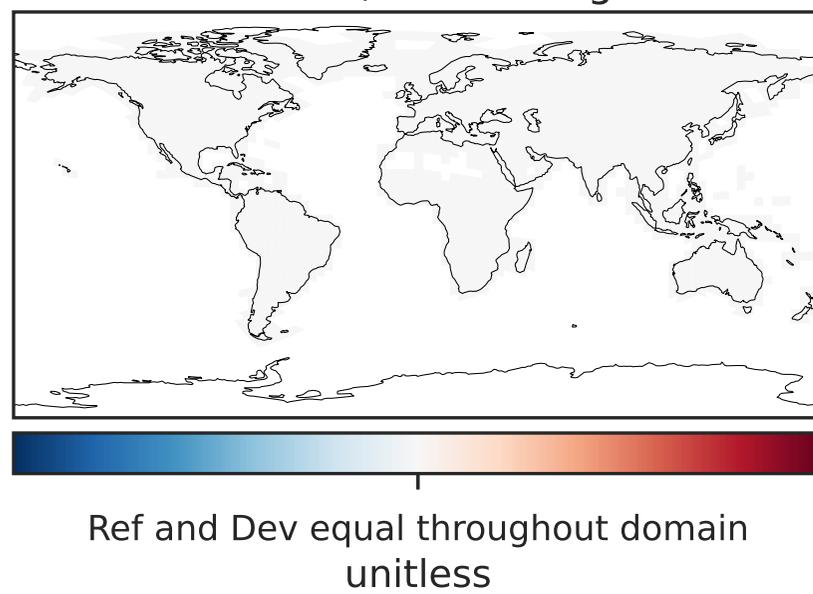
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

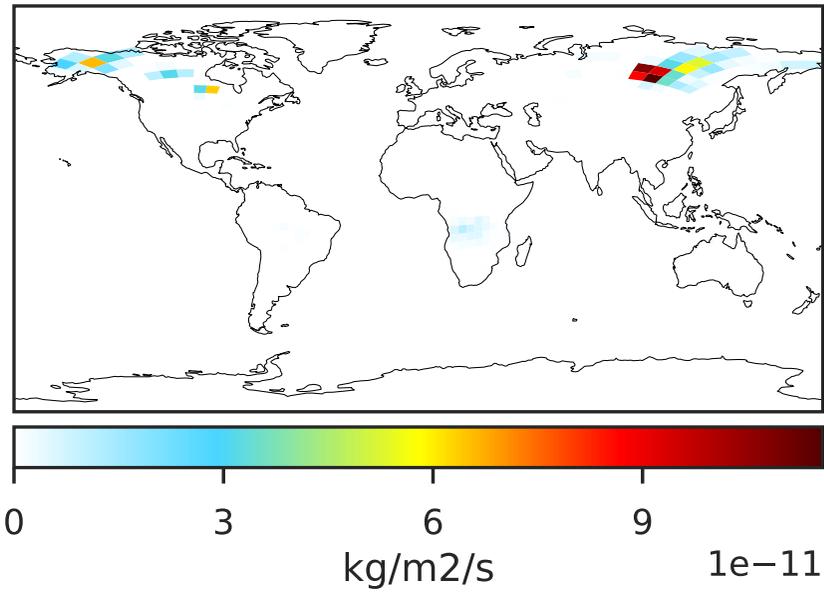


Ratio
Dev/Ref, Fixed Range

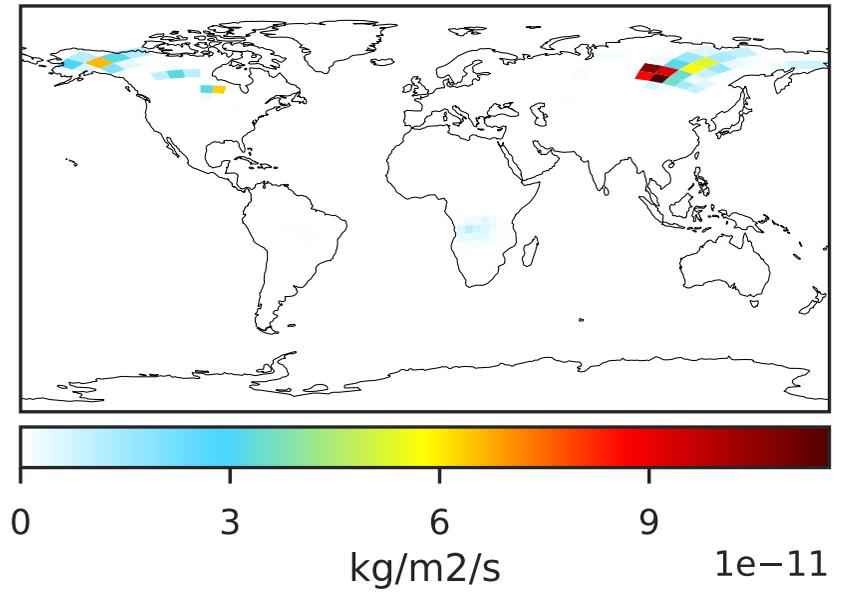


EmisMTPA_BioBurn

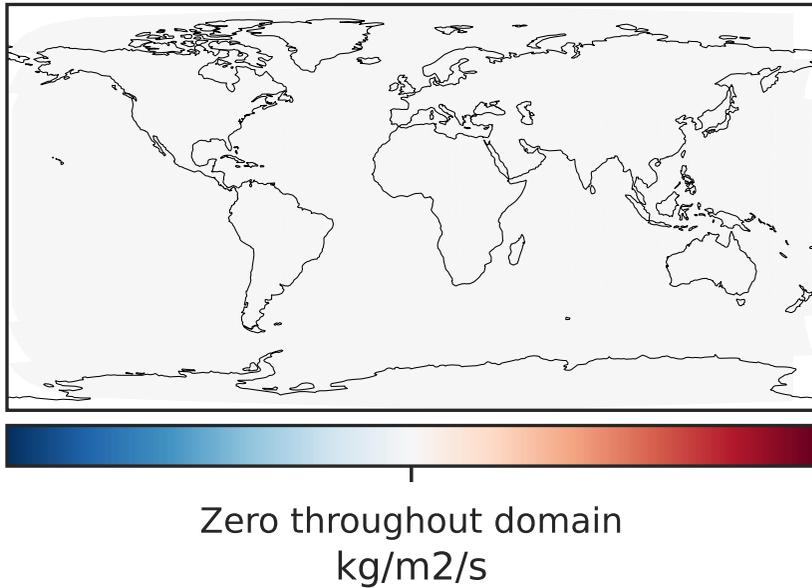
gchp-c24-1Mon-14.2.0 (Ref)
c24



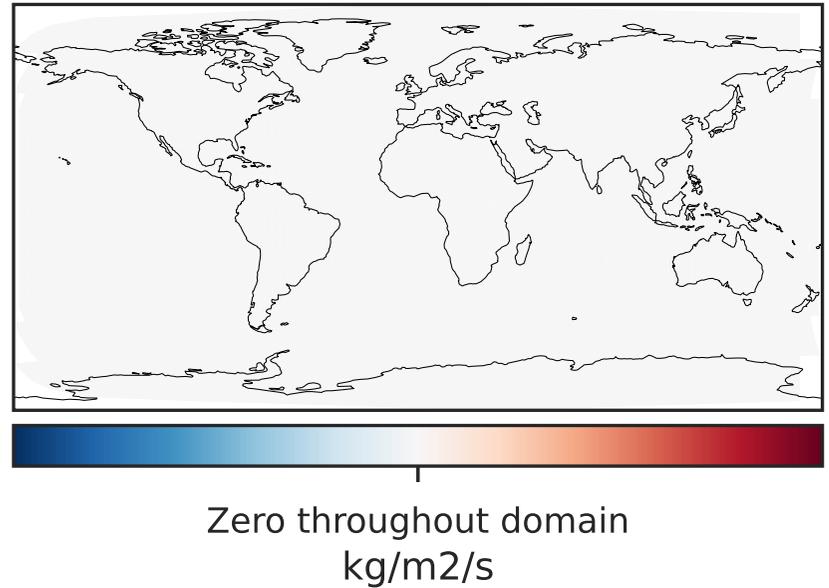
gchp-c24-1Mon-14.2.1 (Dev)
c24



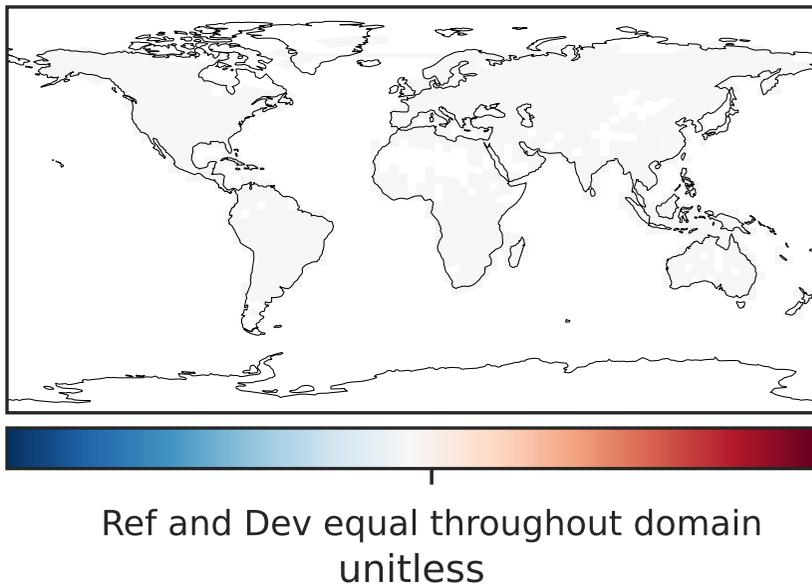
Difference
Dev - Ref, Dynamic Range



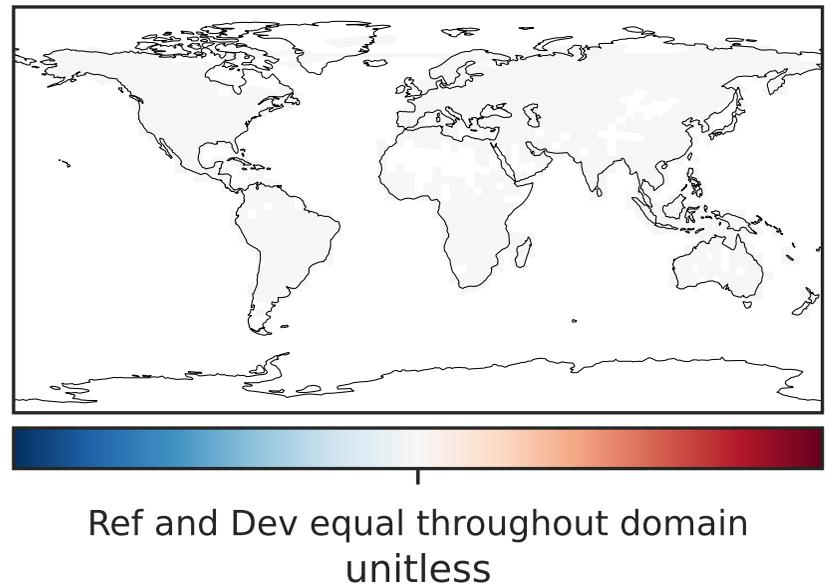
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

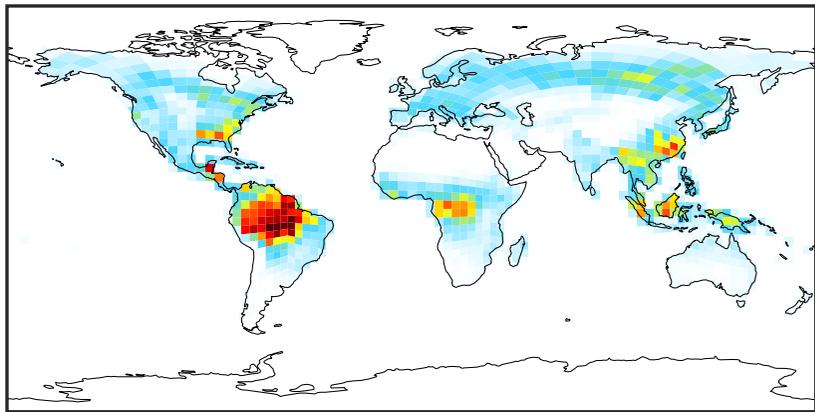


Ratio
Dev/Ref, Fixed Range



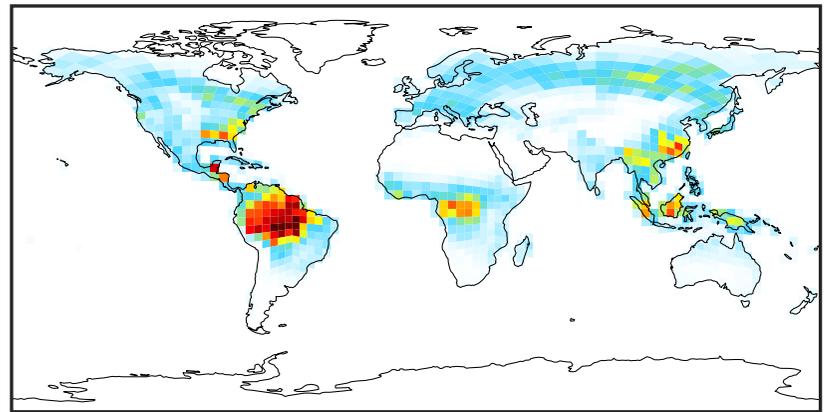
EmisMTPA_Biogenic

gchp-c24-1Mon-14.2.0 (Ref)
c24



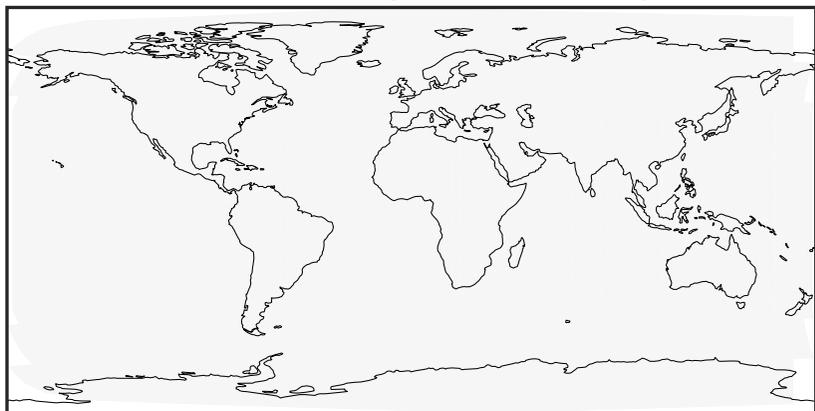
0.0 0.4 0.8 1.2
kg/m²/s 1e-10

gchp-c24-1Mon-14.2.1 (Dev)
c24



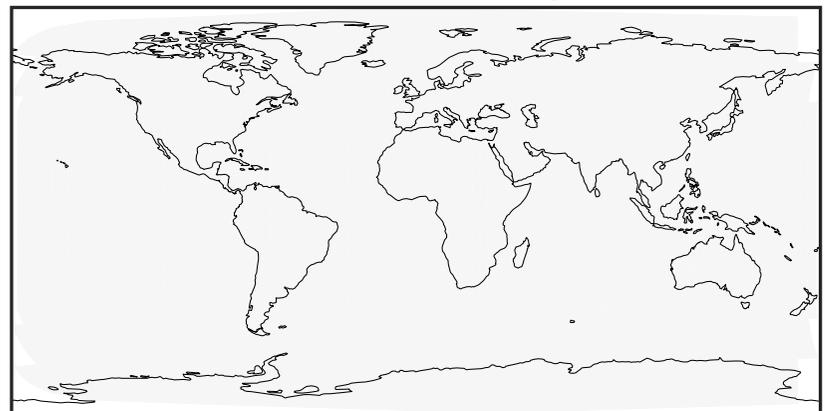
0.0 0.4 0.8 1.2
kg/m²/s 1e-10

Difference
Dev - Ref, Dynamic Range



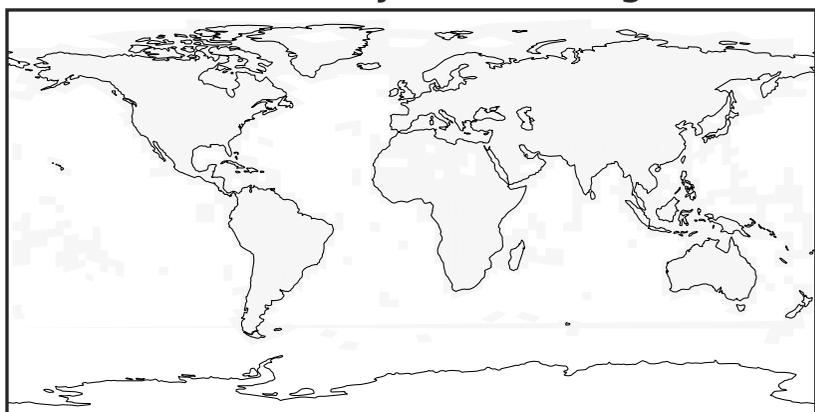
Zero throughout domain
kg/m²/s

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



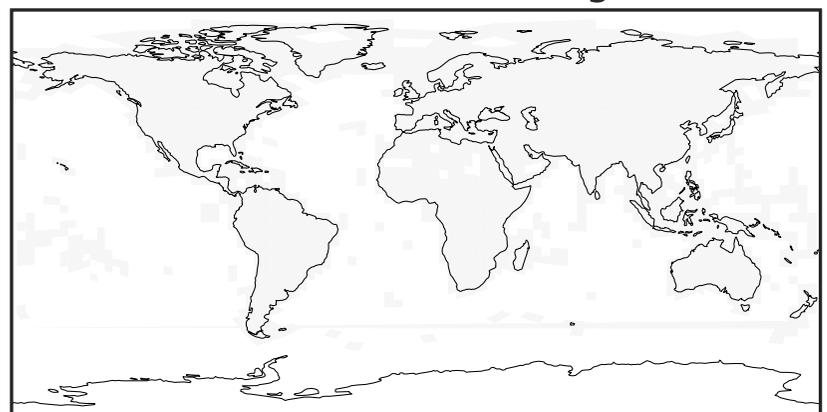
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

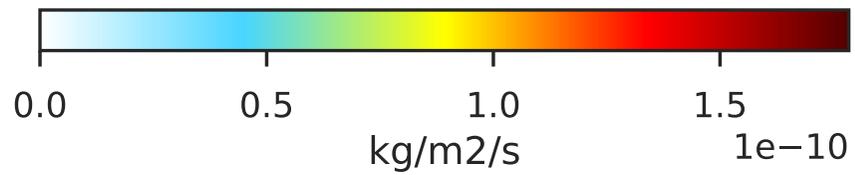
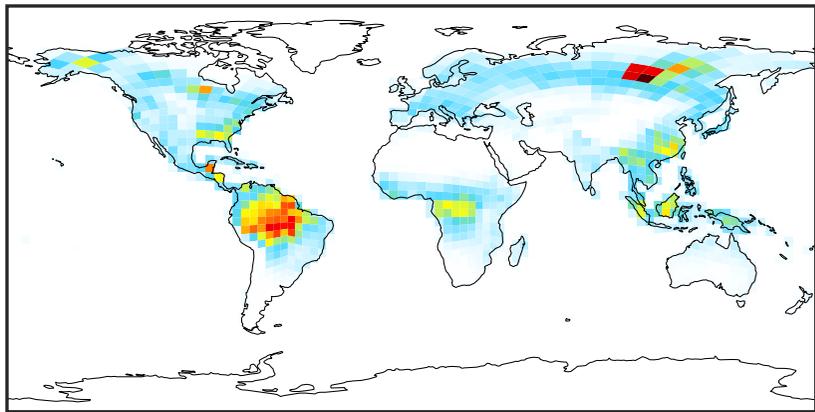
Ratio
Dev/Ref, Fixed Range



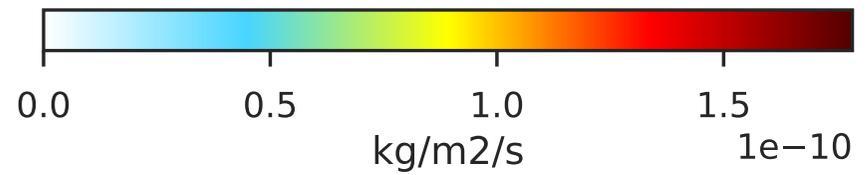
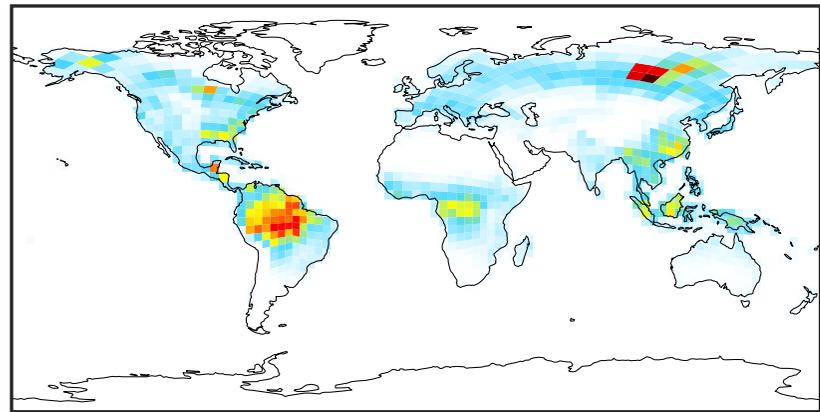
Ref and Dev equal throughout domain
unitless

EmisMTPA_Total

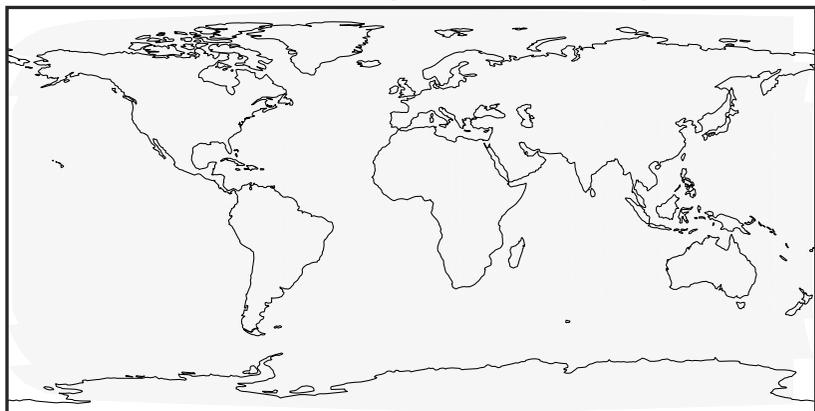
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

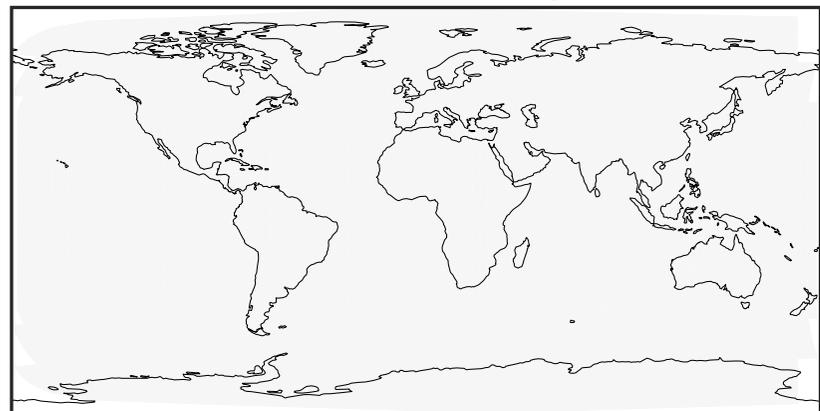


Difference
Dev - Ref, Dynamic Range



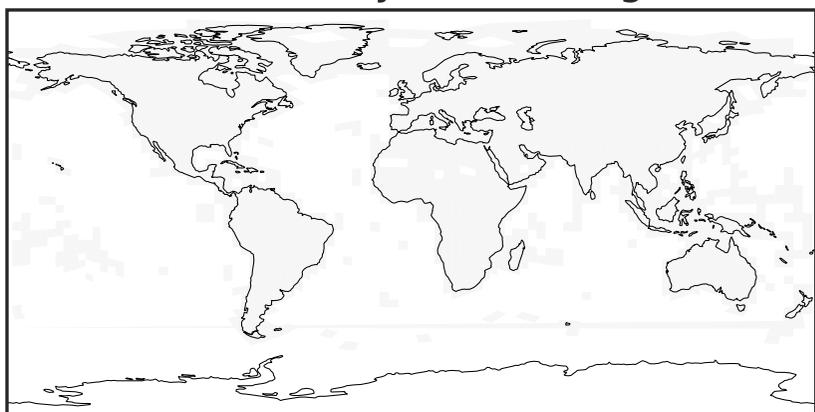
Zero throughout domain
kg/m2/s

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



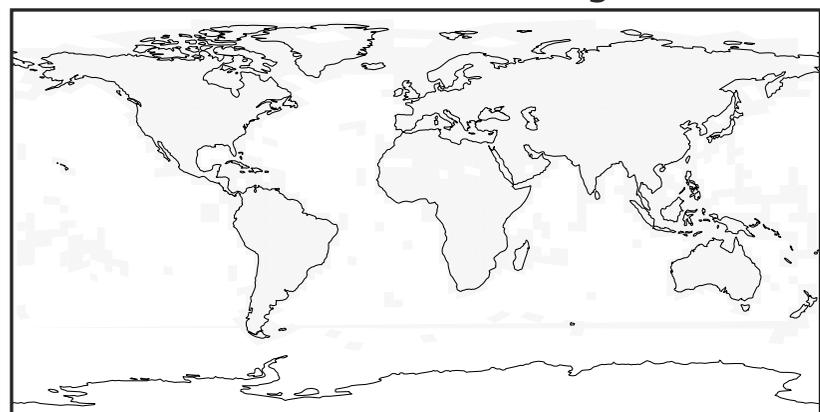
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

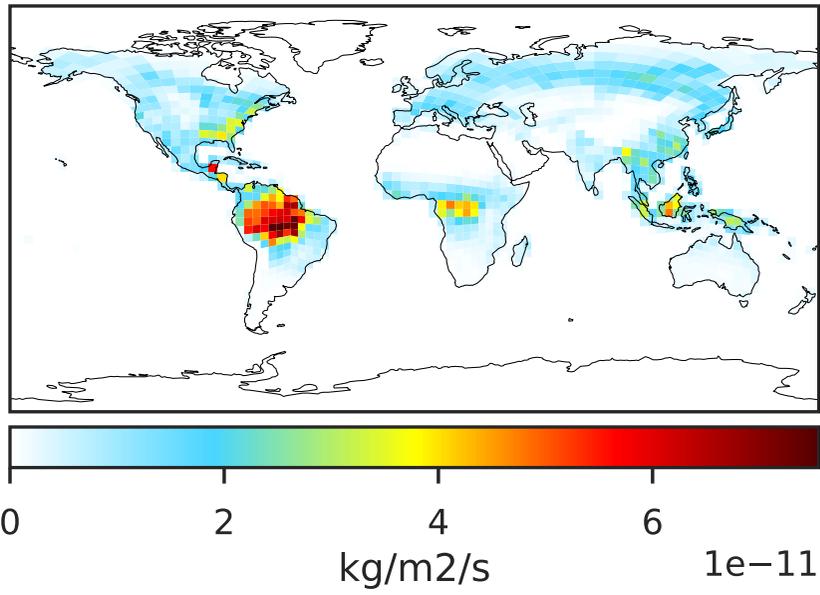
Ratio
Dev/Ref, Fixed Range



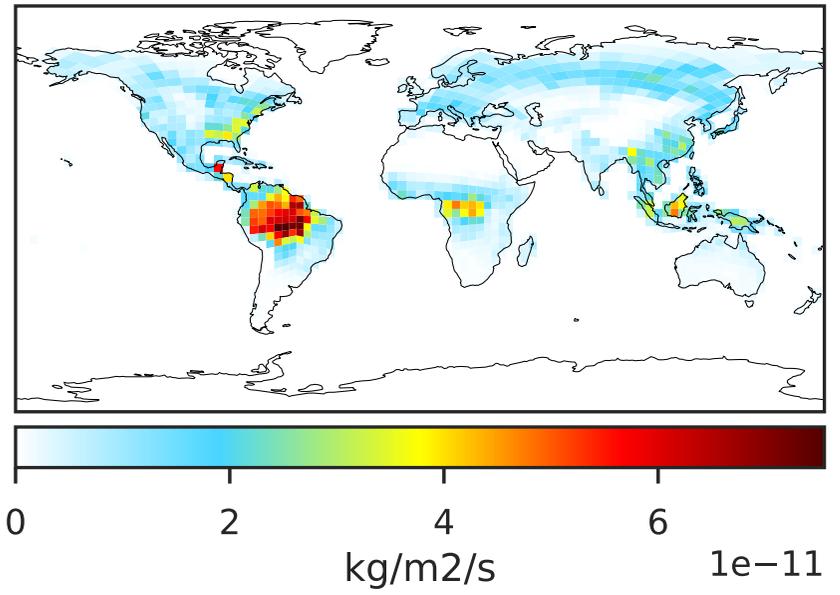
Ref and Dev equal throughout domain
unitless

EmisMTPO_Biogenic

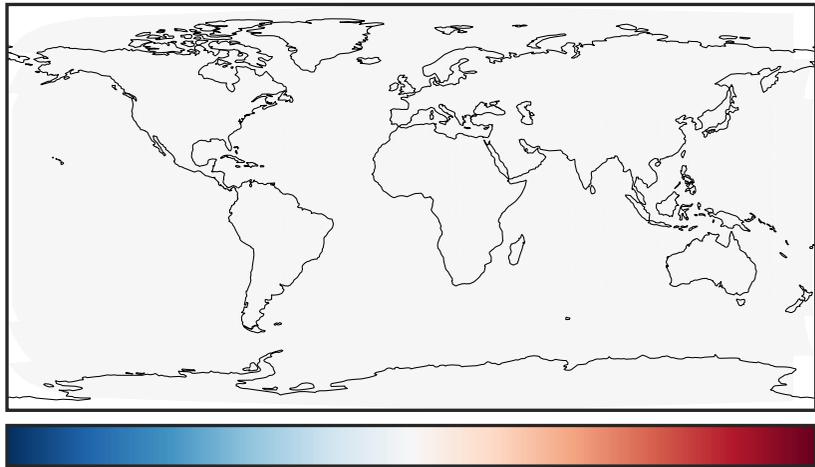
gchp-c24-1Mon-14.2.0 (Ref)
c24



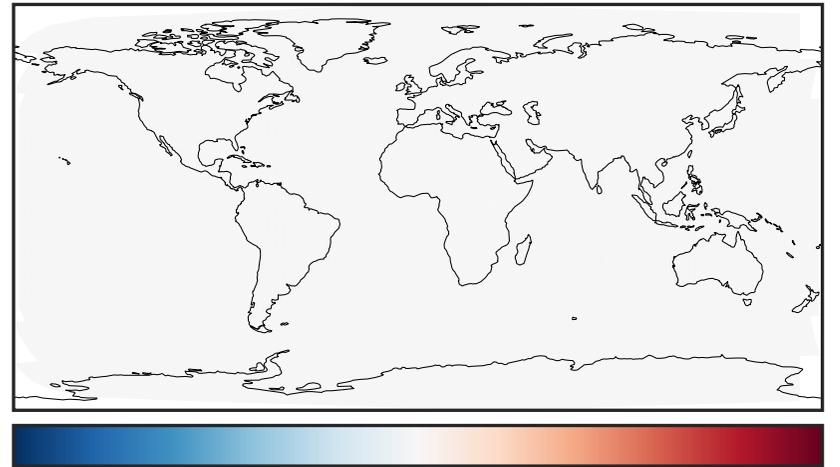
gchp-c24-1Mon-14.2.1 (Dev)
c24



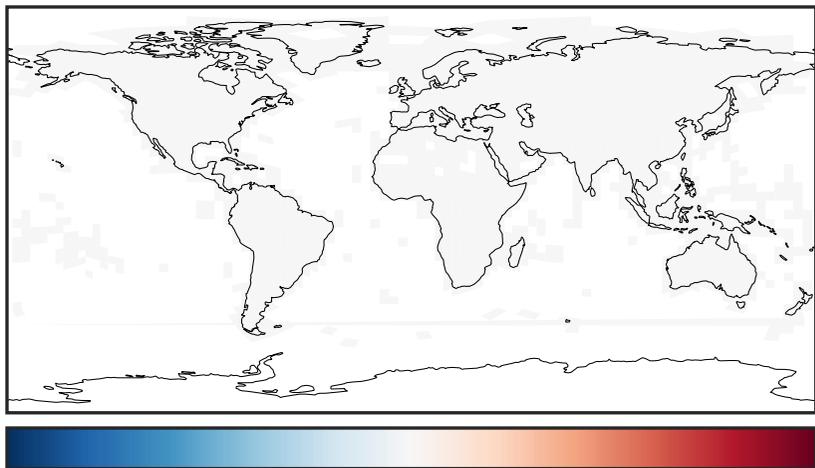
Difference
Dev - Ref, Dynamic Range



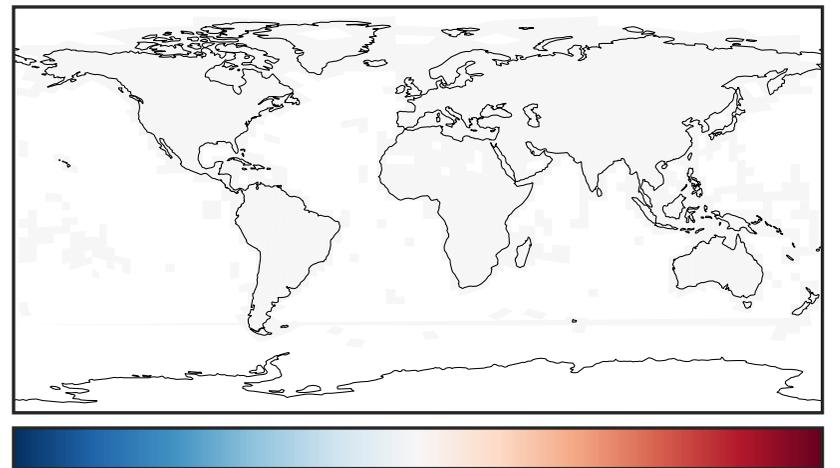
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

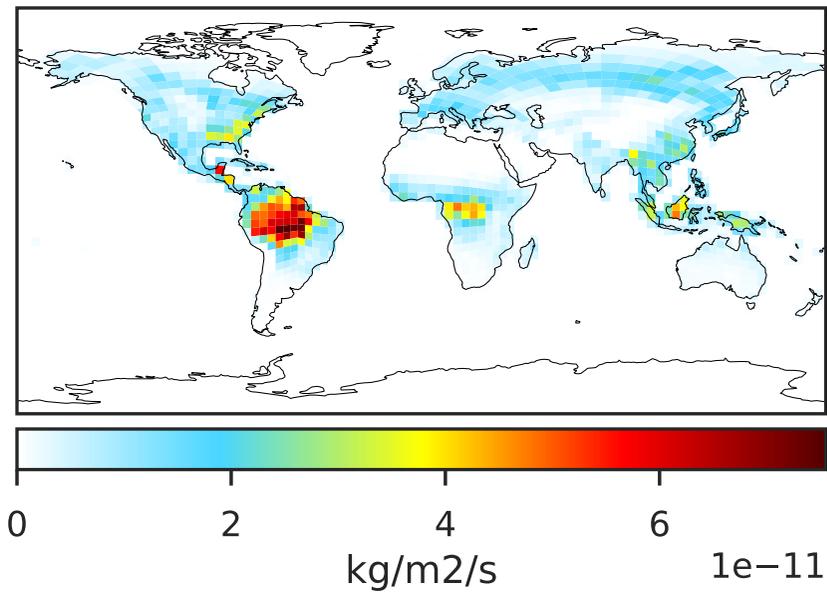


Ratio
Dev/Ref, Fixed Range

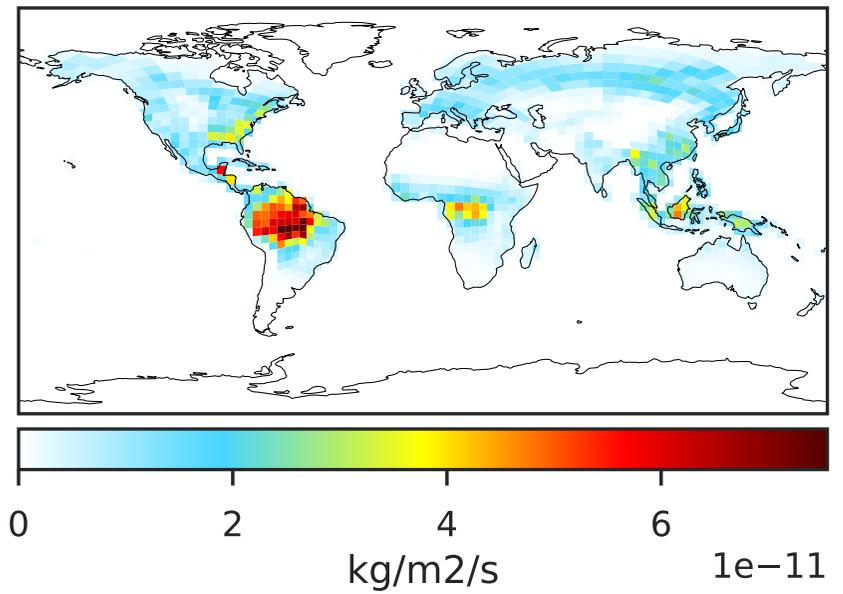


EmisMTPO_Total

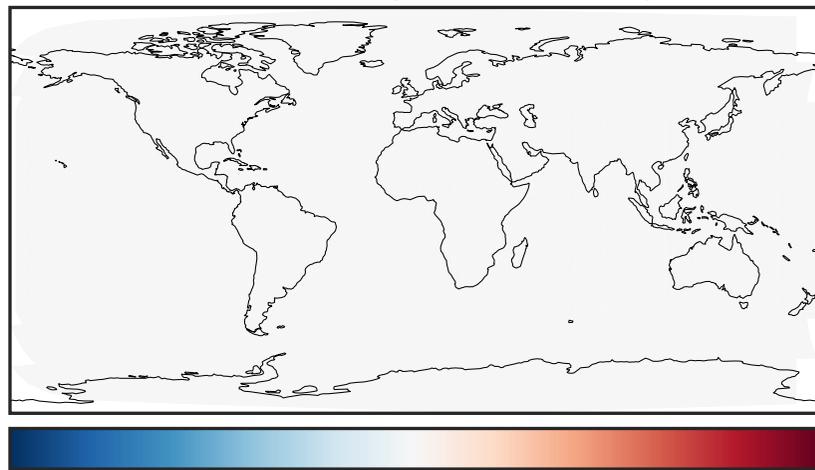
gchp-c24-1Mon-14.2.0 (Ref)
c24



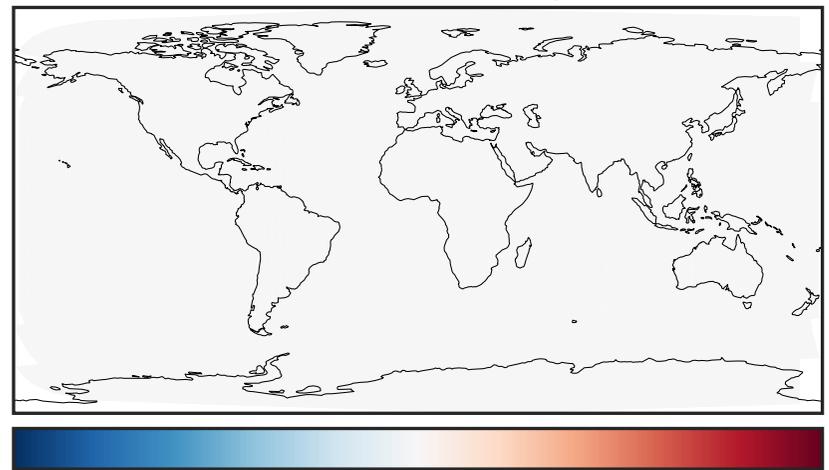
gchp-c24-1Mon-14.2.1 (Dev)
c24



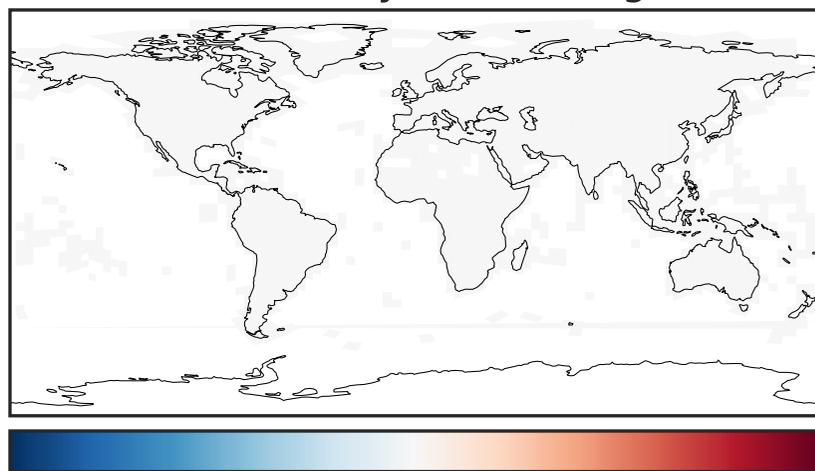
Difference
Dev - Ref, Dynamic Range



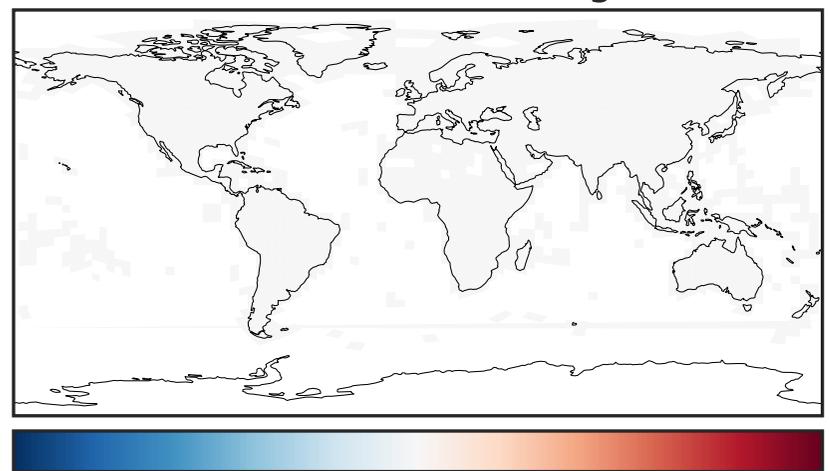
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

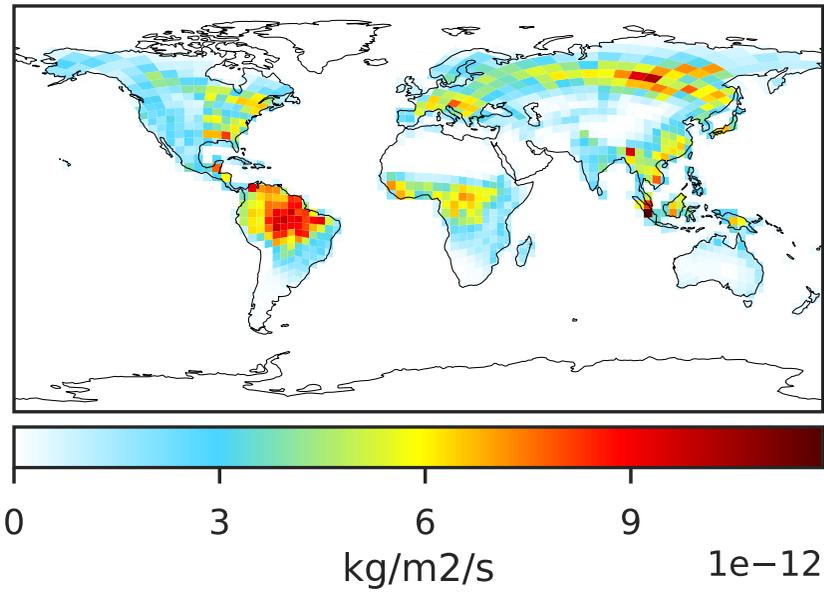


Ratio
Dev/Ref, Fixed Range

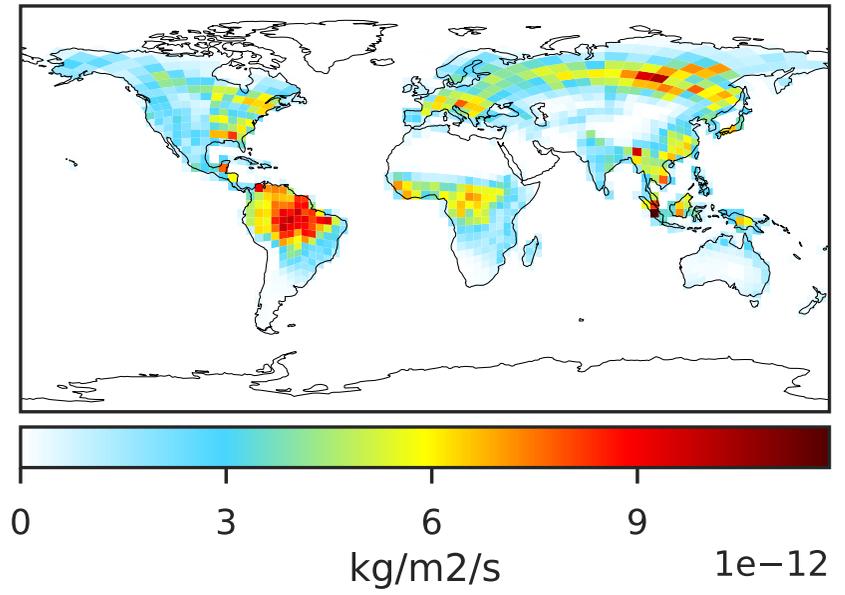


EmisLIMO_Biogenic

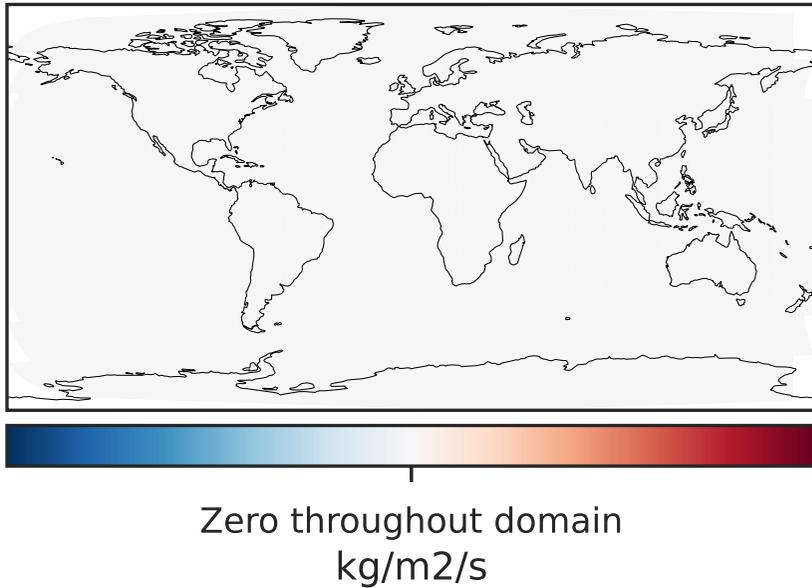
gchp-c24-1Mon-14.2.0 (Ref)
c24



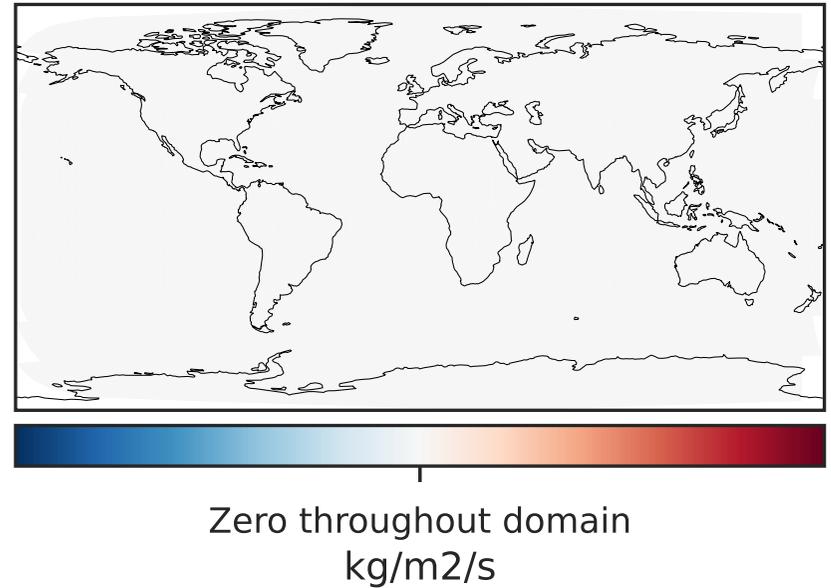
gchp-c24-1Mon-14.2.1 (Dev)
c24



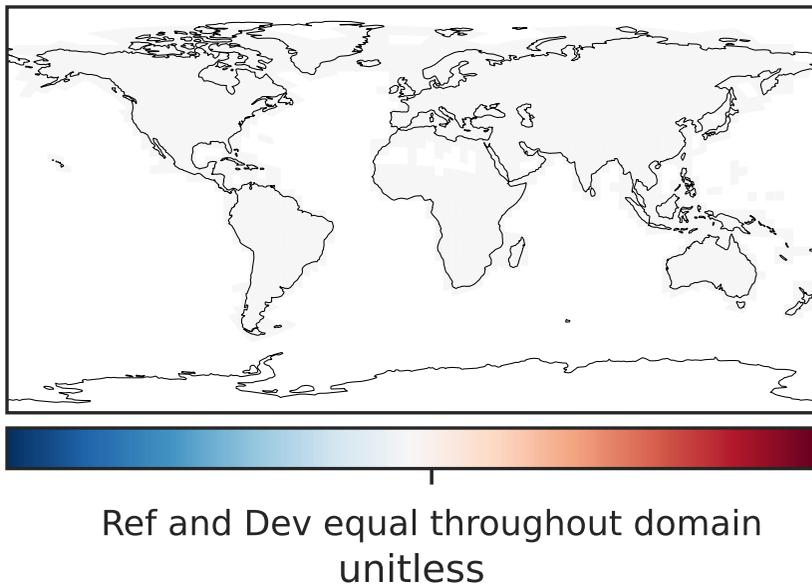
Difference
Dev - Ref, Dynamic Range



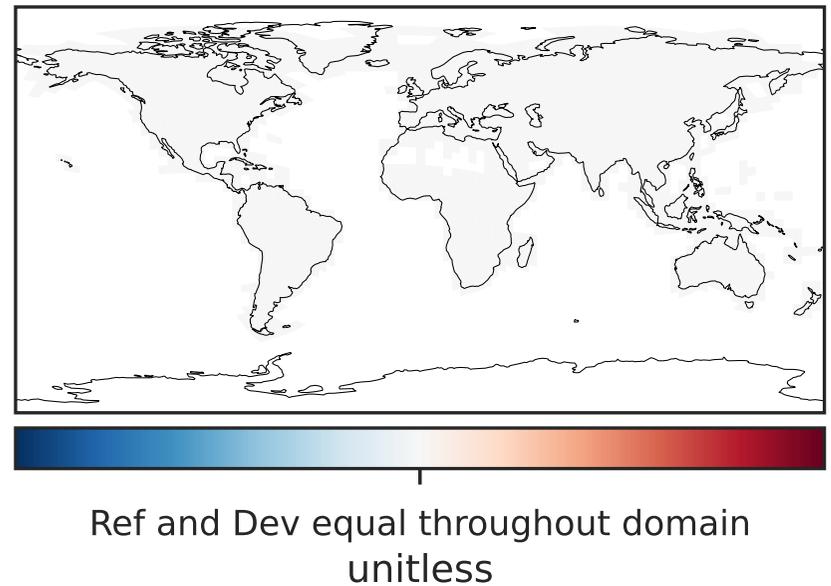
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

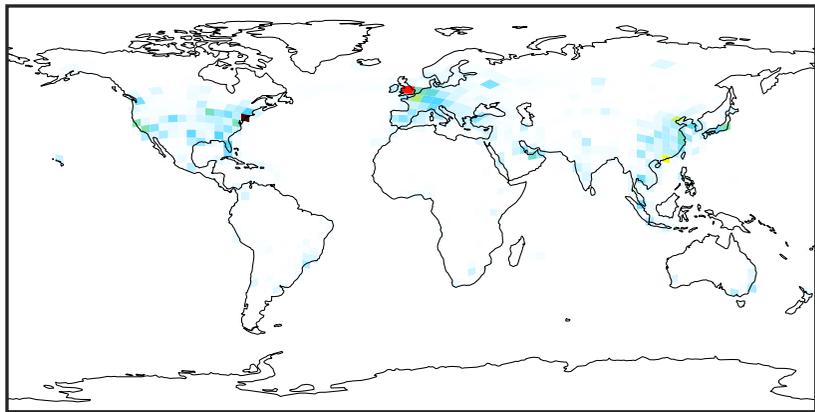


Ratio
Dev/Ref, Fixed Range



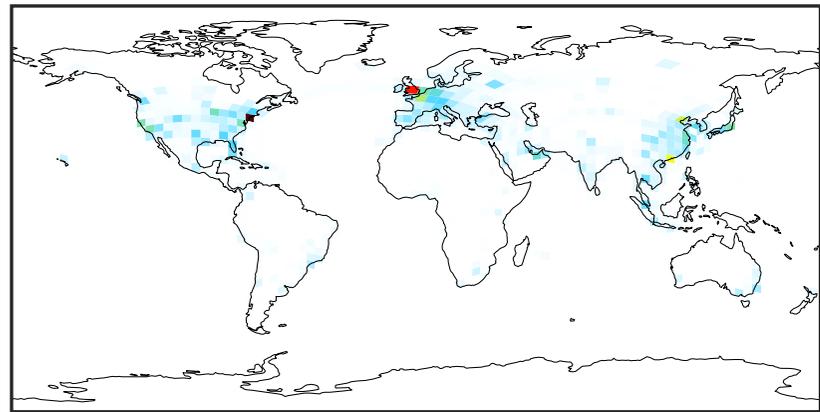
EmisALK4_Aircraft

gchp-c24-1Mon-14.2.0 (Ref)
c24



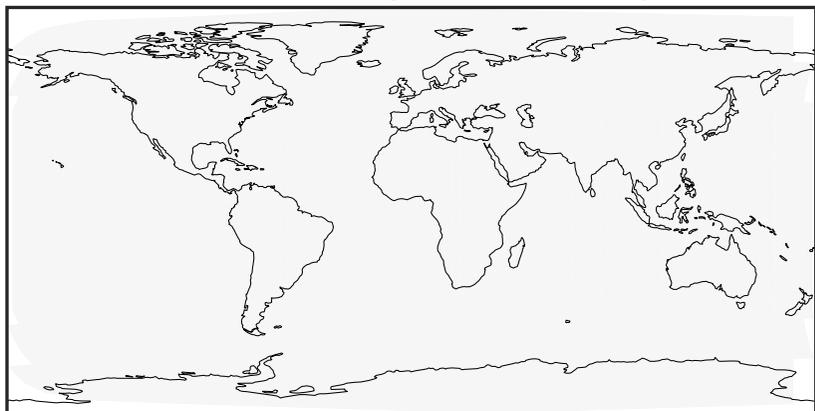
0.0 0.8 1.6 2.4 $1e-13$
kg/m2/s

gchp-c24-1Mon-14.2.1 (Dev)
c24



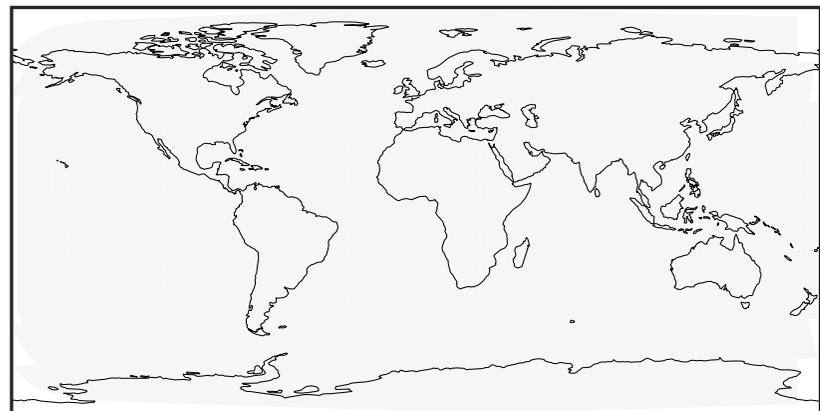
0.0 0.8 1.6 2.4 $1e-13$
kg/m2/s

Difference
Dev - Ref, Dynamic Range



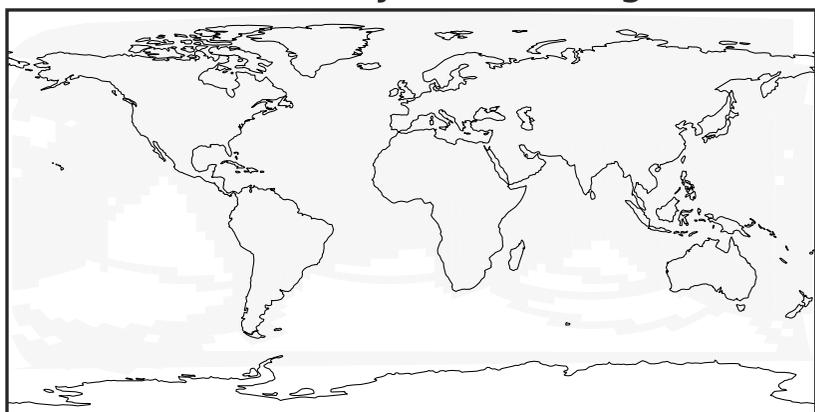
Zero throughout domain
kg/m2/s

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



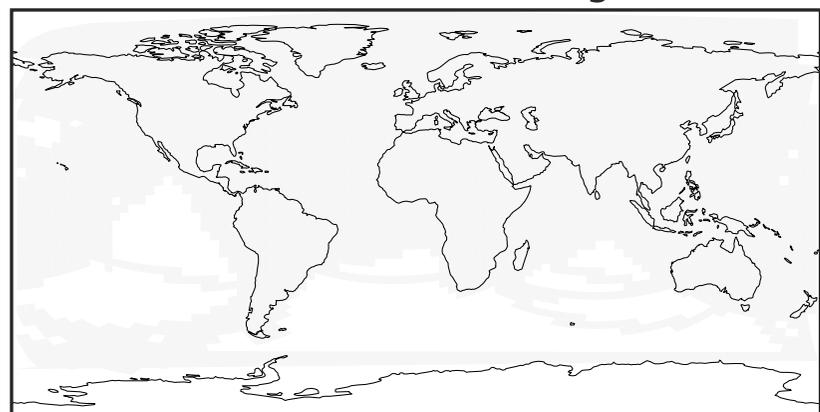
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

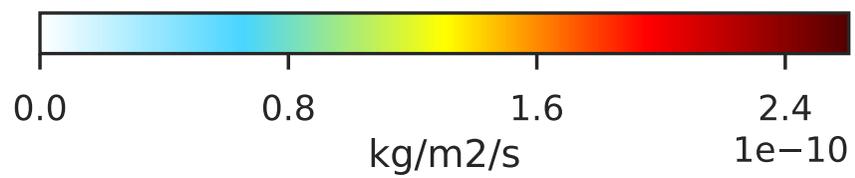
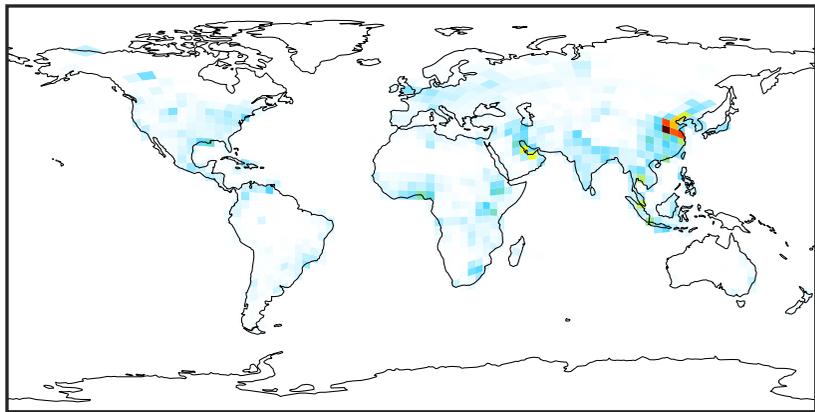
Ratio
Dev/Ref, Fixed Range



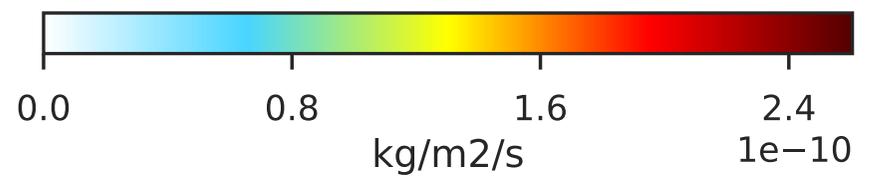
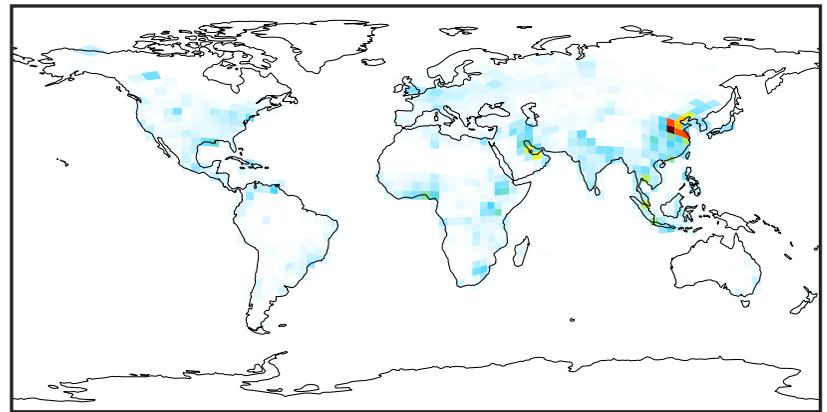
Ref and Dev equal throughout domain
unitless

EmisALK4_Anthro

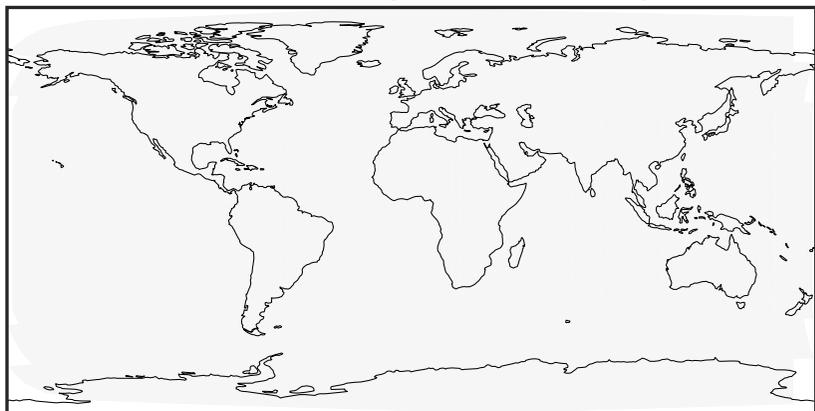
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

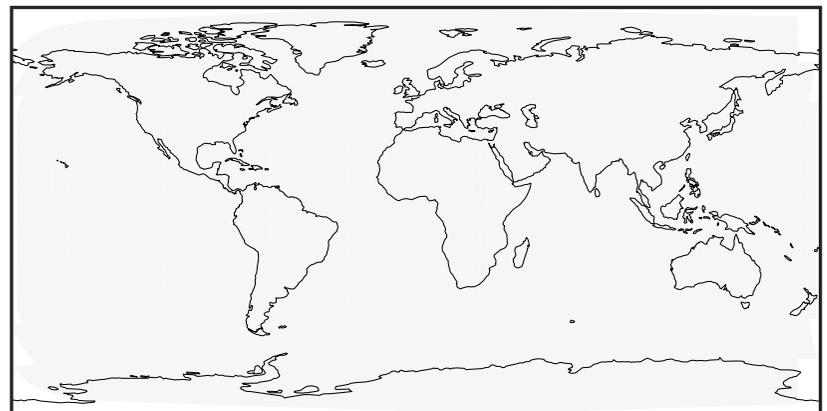


Difference
Dev - Ref, Dynamic Range



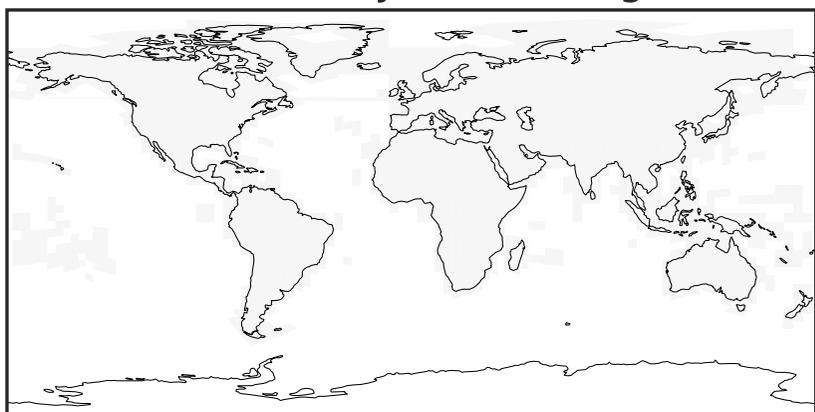
Zero throughout domain
kg/m2/s

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



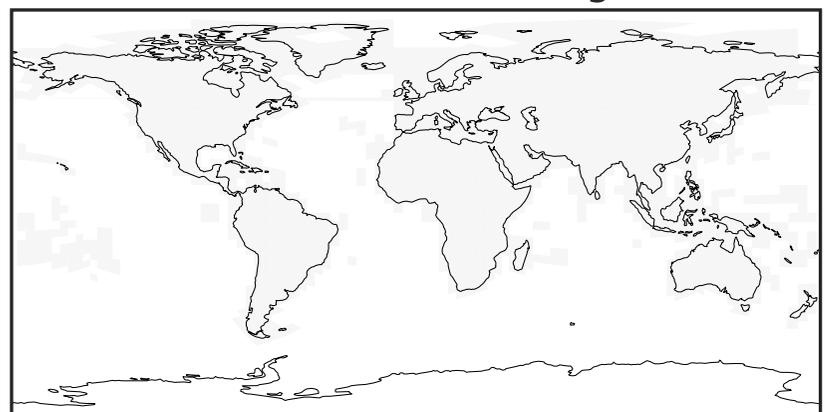
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

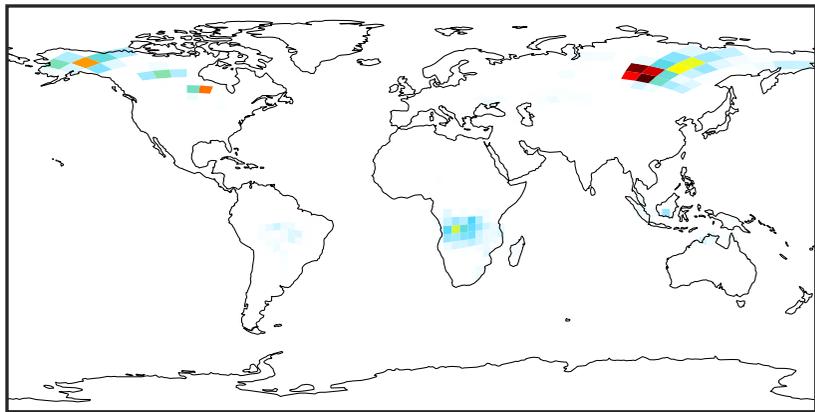
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

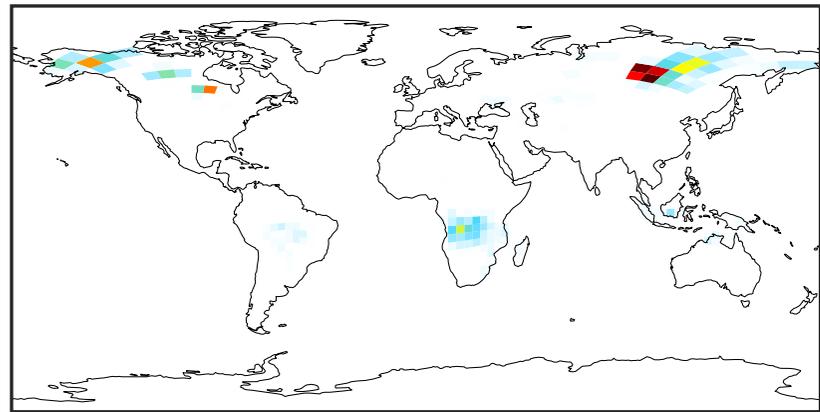
EmisALK4_BioBurn

gchp-c24-1Mon-14.2.0 (Ref)
c24



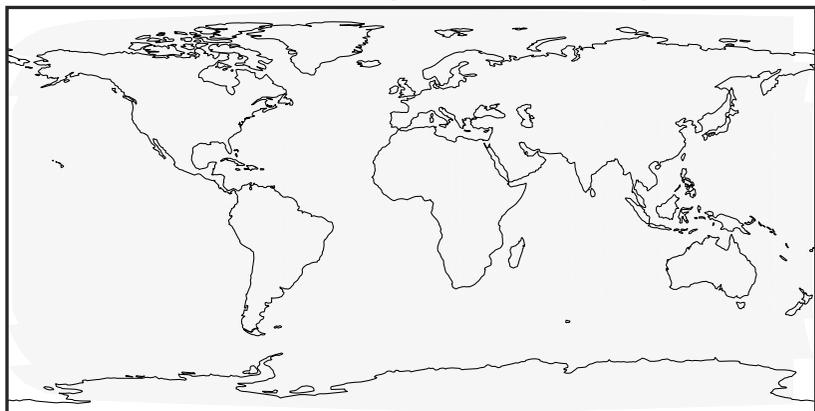
0.0 0.8 1.6 2.4
kg/m²/s 1e-11

gchp-c24-1Mon-14.2.1 (Dev)
c24



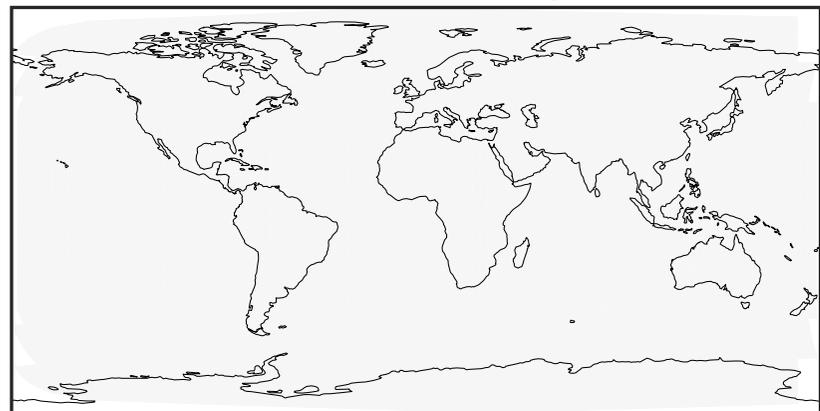
0.0 0.8 1.6 2.4
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



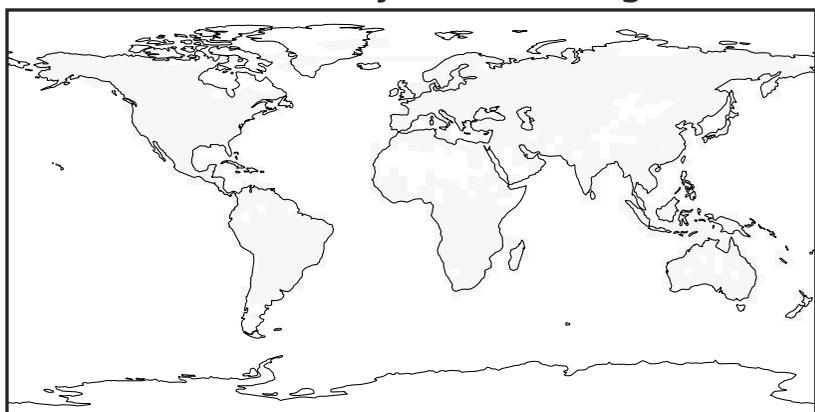
Zero throughout domain
kg/m²/s

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



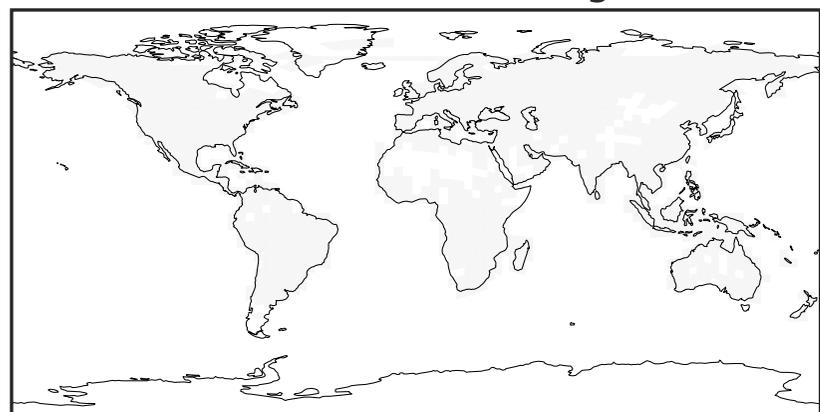
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

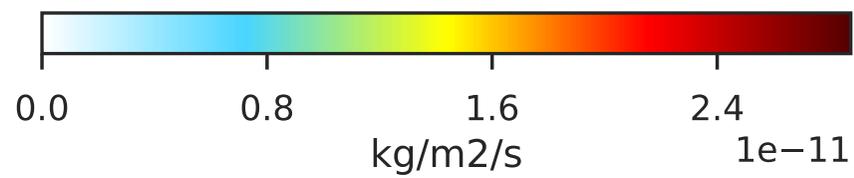
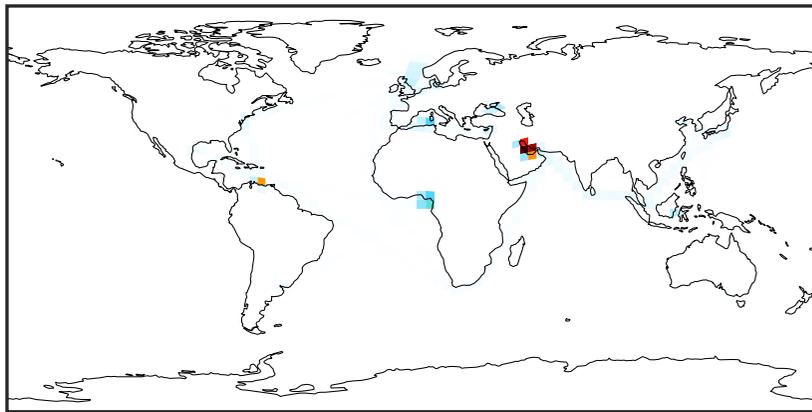
Ratio
Dev/Ref, Fixed Range



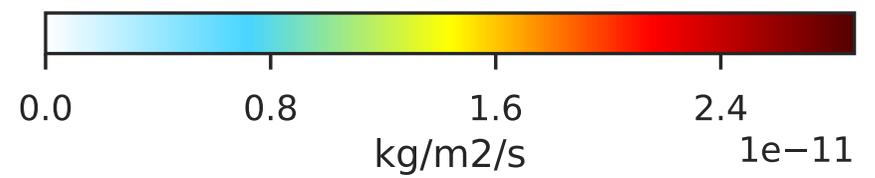
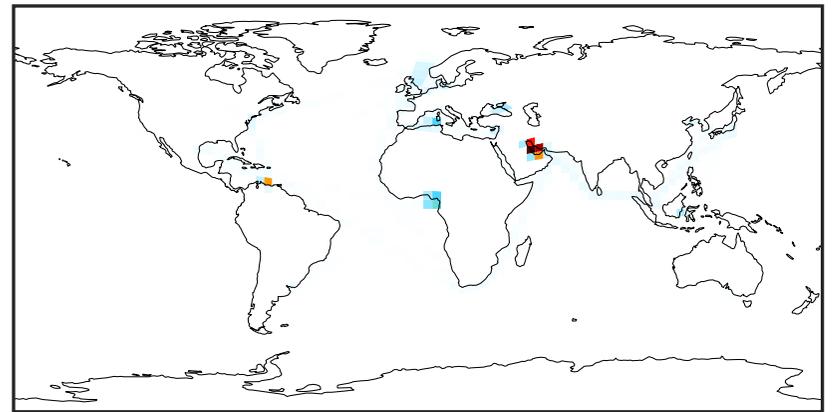
Ref and Dev equal throughout domain
unitless

EmisALK4_Ship

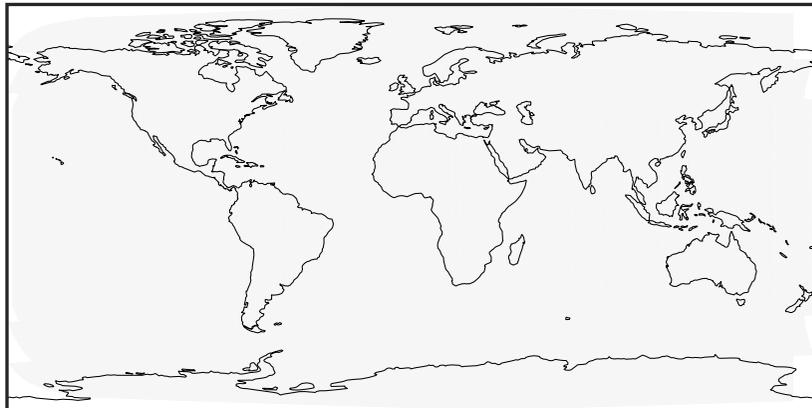
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

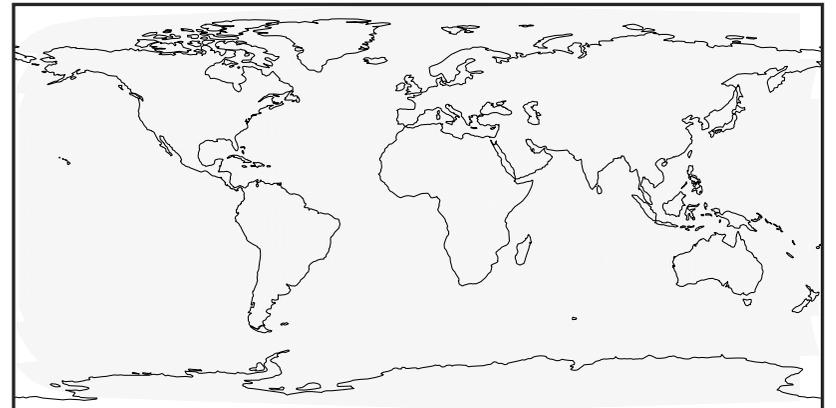


Difference
Dev - Ref, Dynamic Range



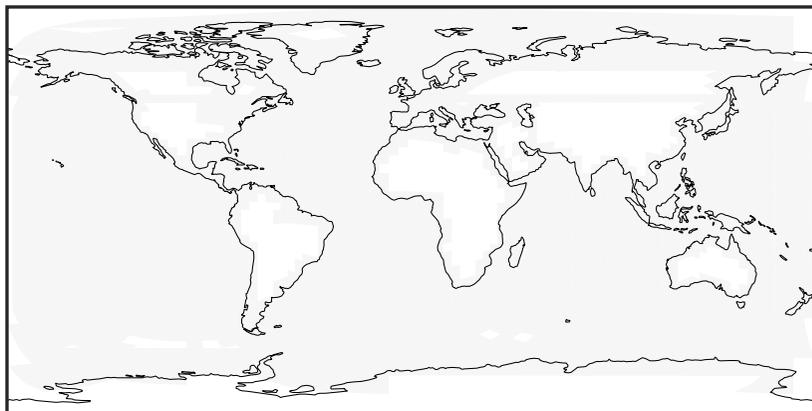
Zero throughout domain
kg/m2/s

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



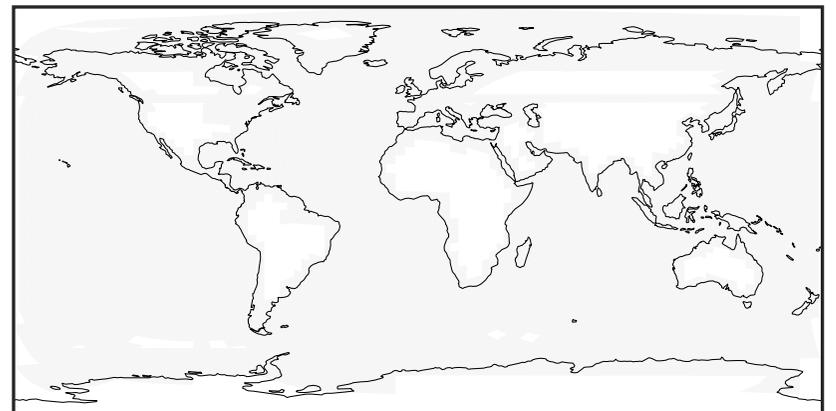
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

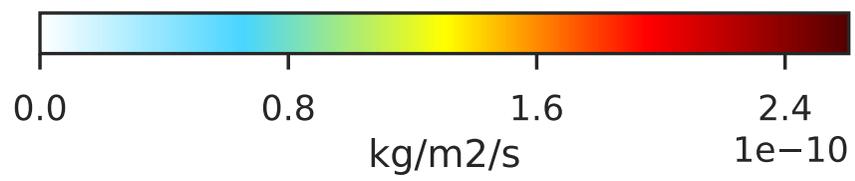
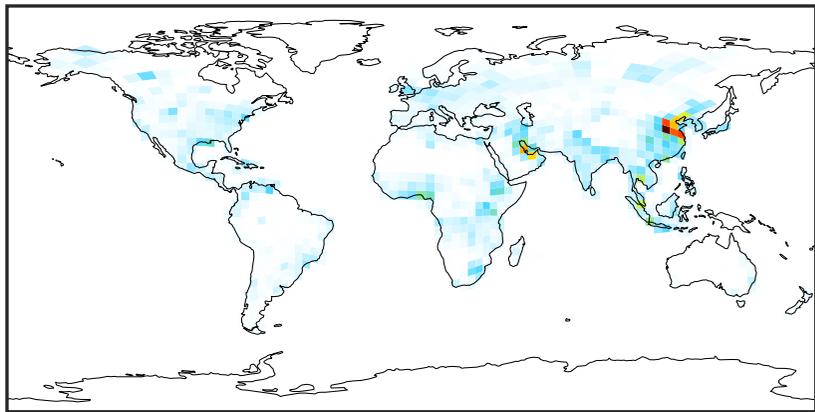
Ratio
Dev/Ref, Fixed Range



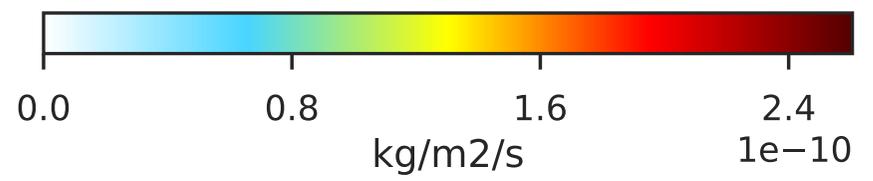
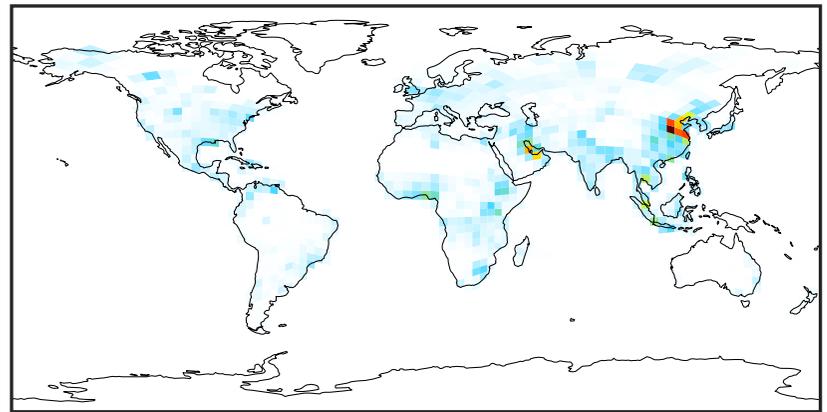
Ref and Dev equal throughout domain
unitless

EmisALK4_Total

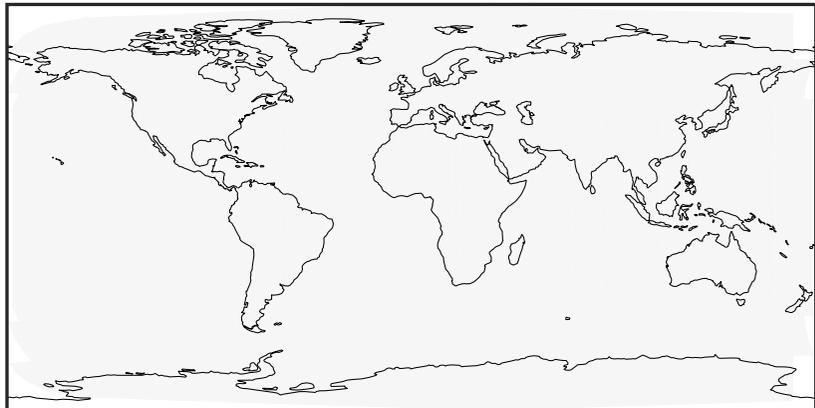
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

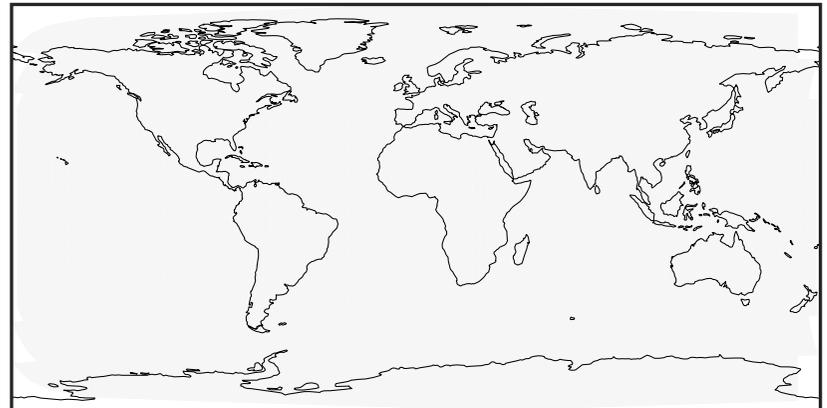


Difference
Dev - Ref, Dynamic Range



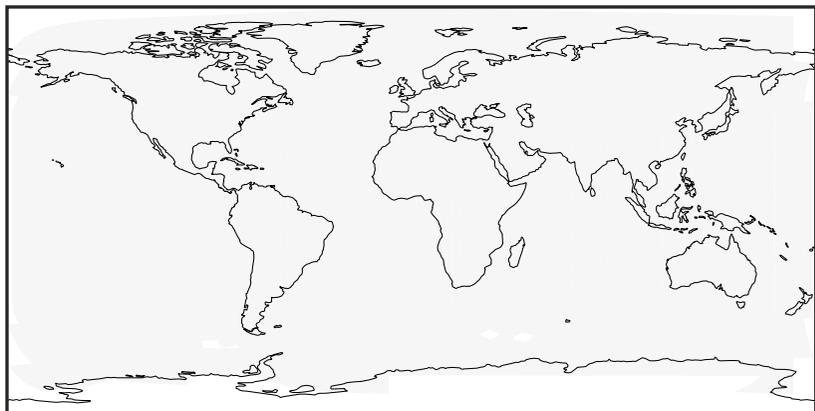
Zero throughout domain
kg/m2/s

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



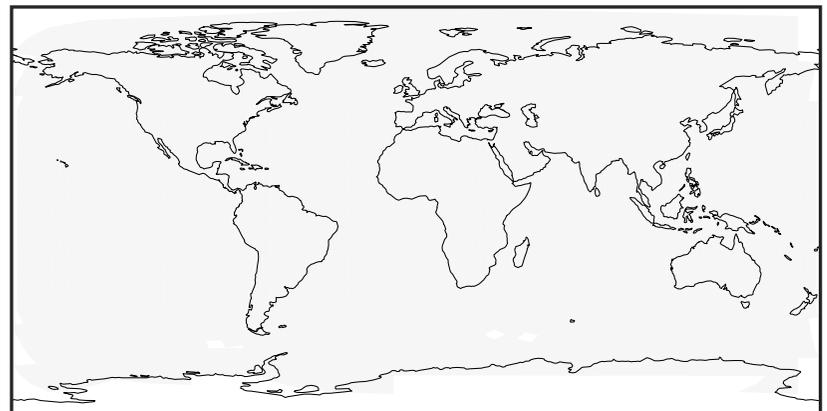
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



1
unitless

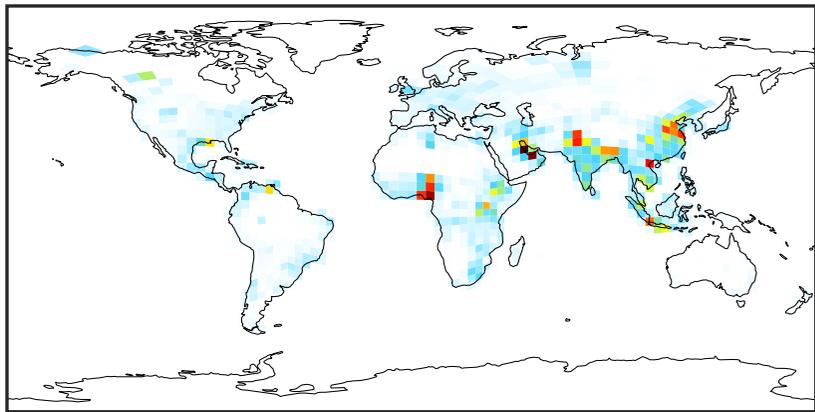
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

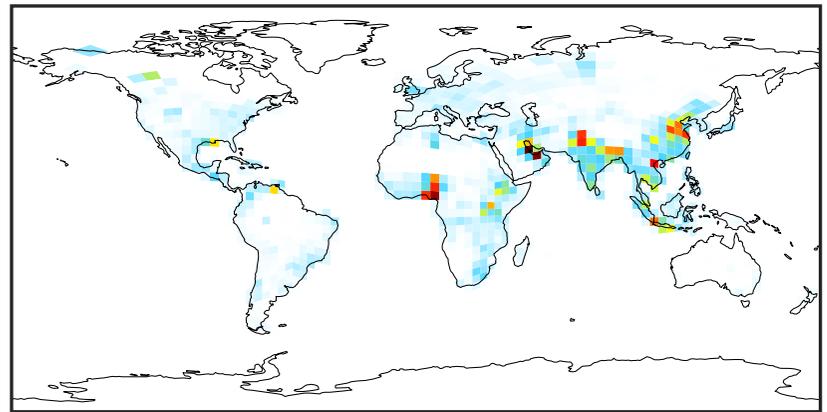
EmisBENZ_Anthro

gchp-c24-1Mon-14.2.0 (Ref)
c24



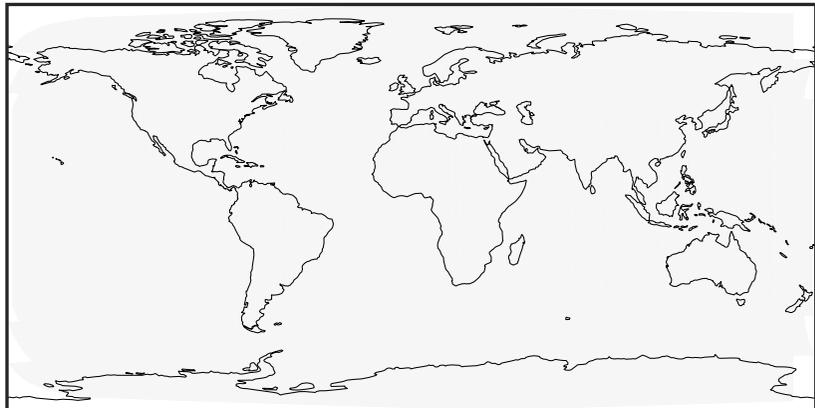
0.0 0.5 1.0 1.5
kg/m²/s 1e-11

gchp-c24-1Mon-14.2.1 (Dev)
c24



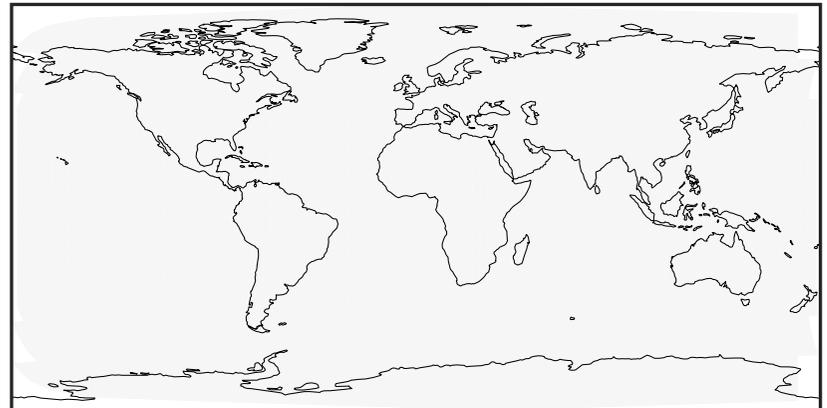
0.0 0.5 1.0 1.5
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



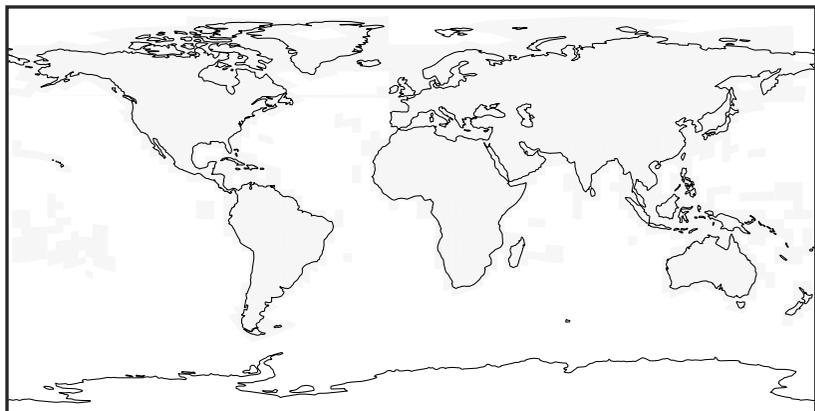
Zero throughout domain
kg/m²/s

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



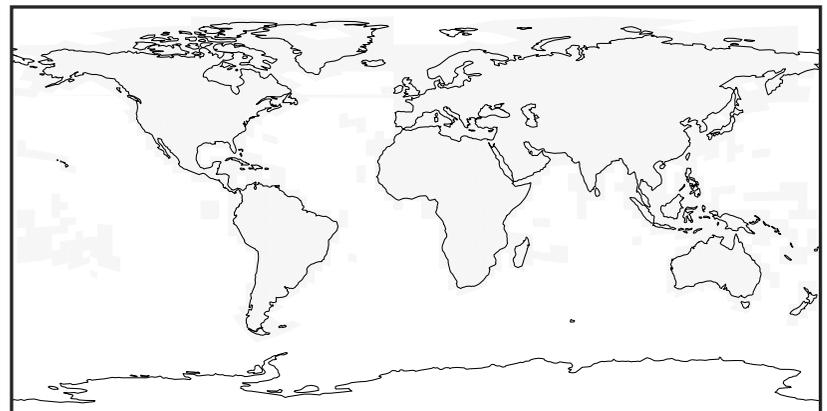
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

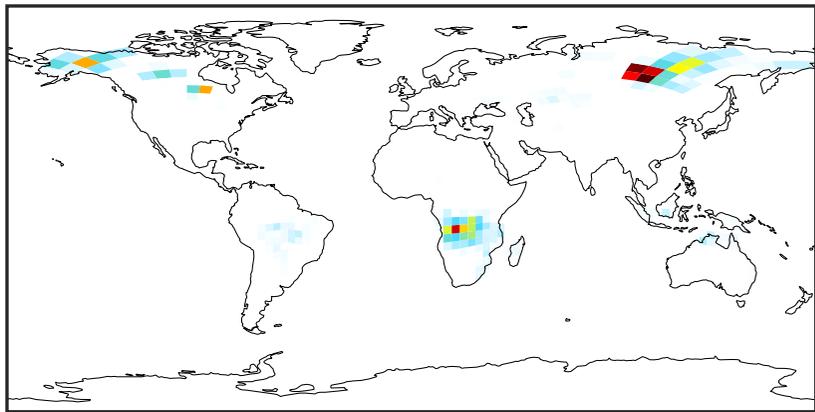
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

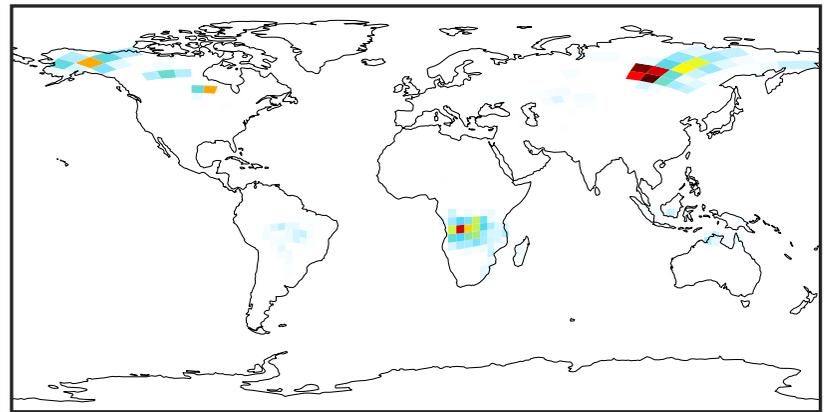
EmisBENZ_BioBurn

gchp-c24-1Mon-14.2.0 (Ref)
c24



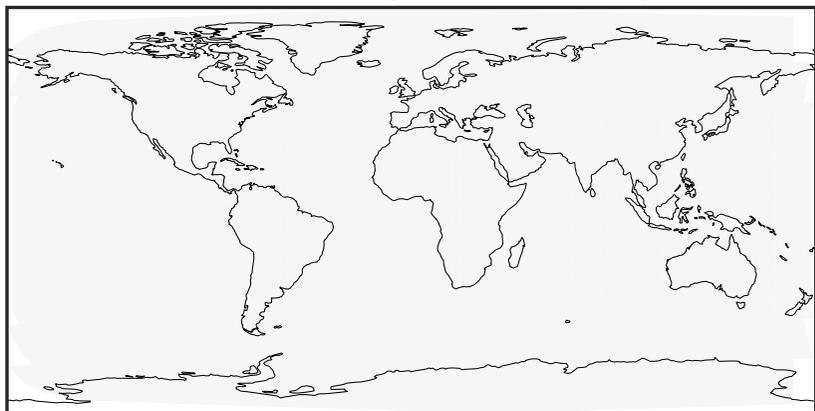
0.0 1.5 3.0 $1e-11$
kg/m²/s

gchp-c24-1Mon-14.2.1 (Dev)
c24



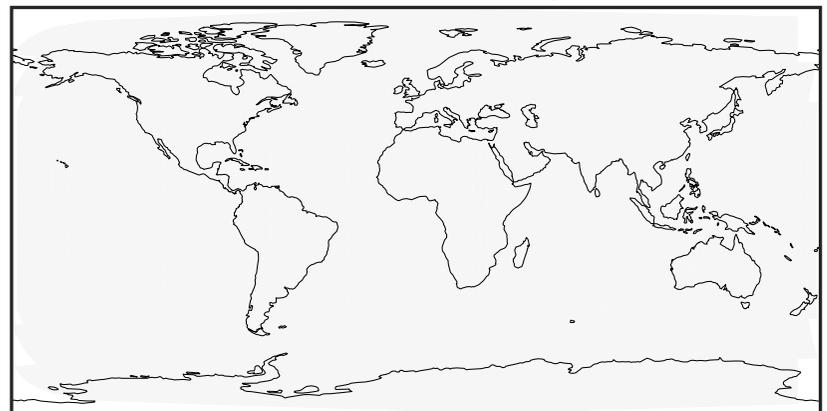
0.0 1.5 3.0 $1e-11$
kg/m²/s

Difference
Dev - Ref, Dynamic Range



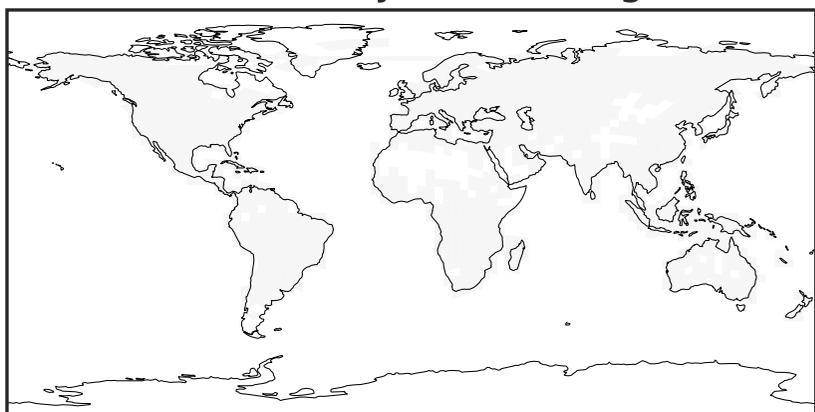
Zero throughout domain
kg/m²/s

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



Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

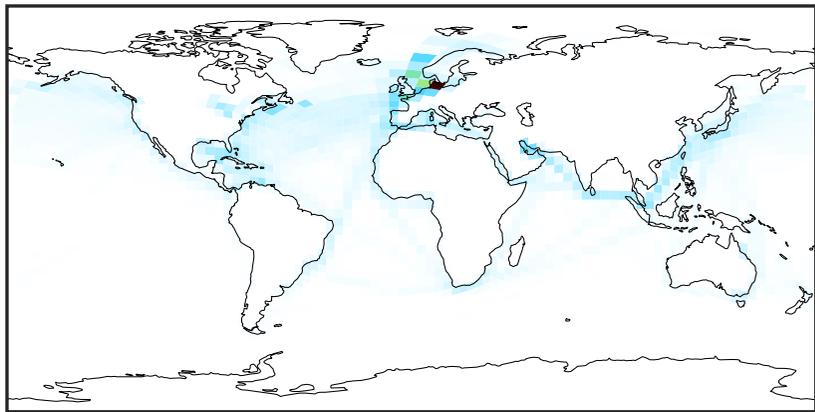
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

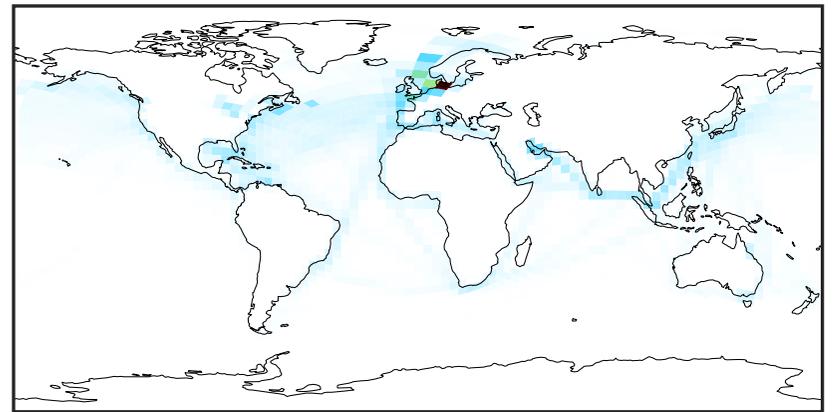
EmisBENZ_Ship

gchp-c24-1Mon-14.2.0 (Ref)
c24



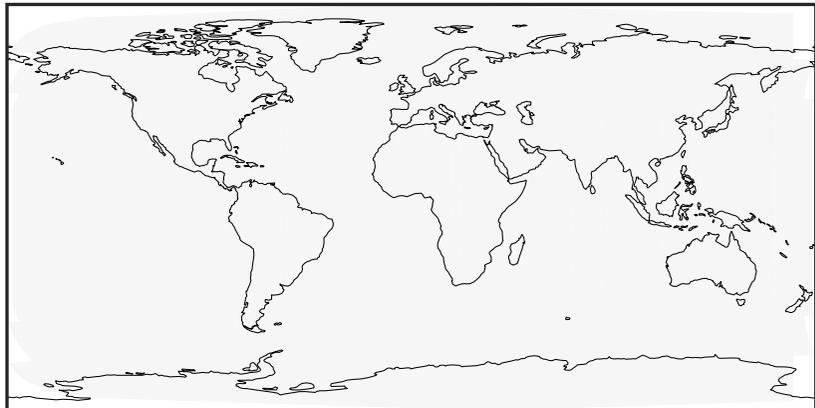
0.0 1.5 3.0 $1e-13$
kg/m²/s

gchp-c24-1Mon-14.2.1 (Dev)
c24



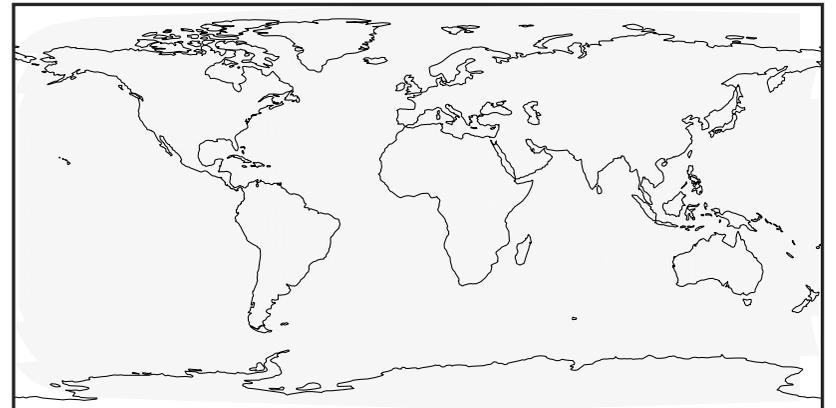
0.0 1.5 3.0 $1e-13$
kg/m²/s

Difference
Dev - Ref, Dynamic Range



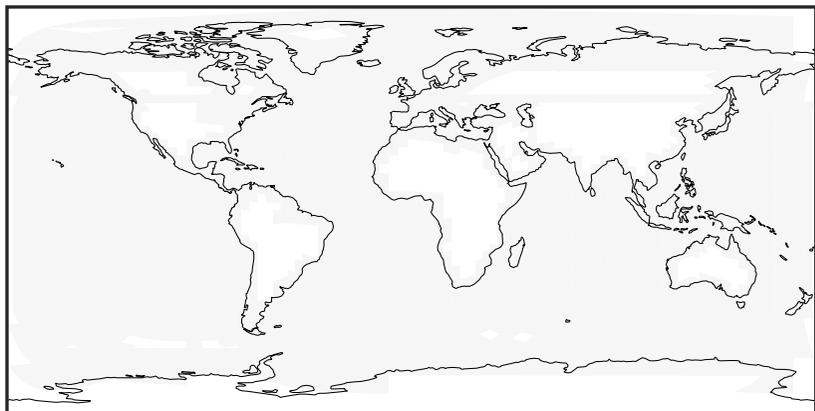
Zero throughout domain
kg/m²/s

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



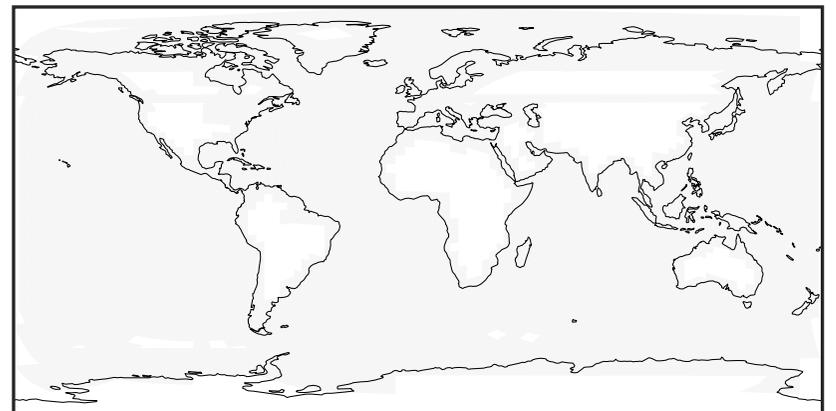
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

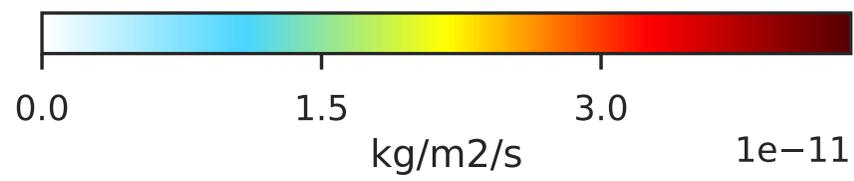
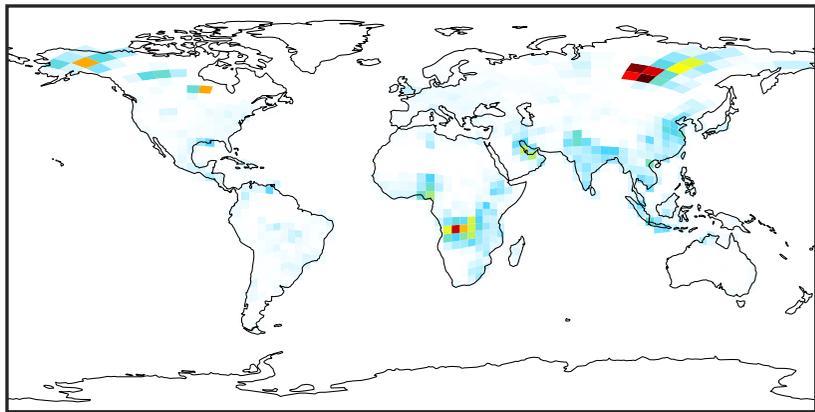
Ratio
Dev/Ref, Fixed Range



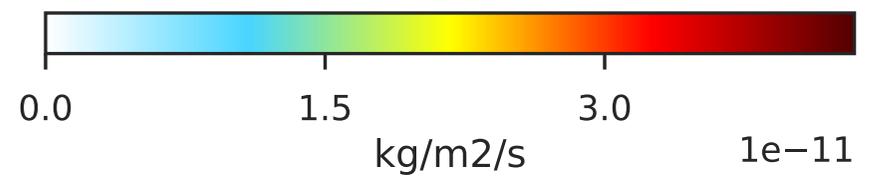
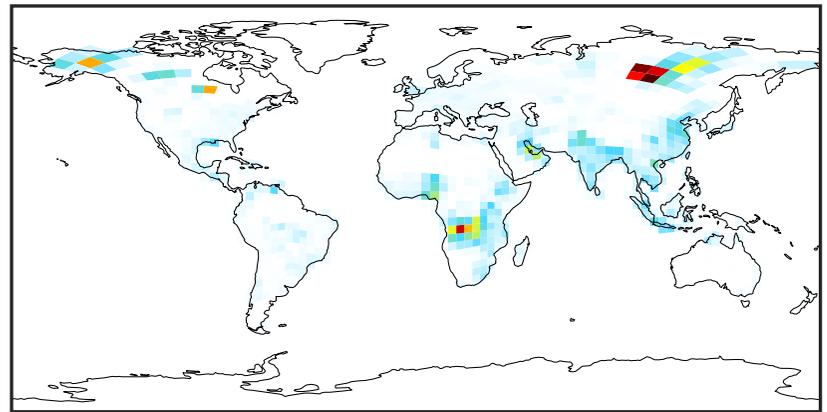
Ref and Dev equal throughout domain
unitless

EmisBENZ_Total

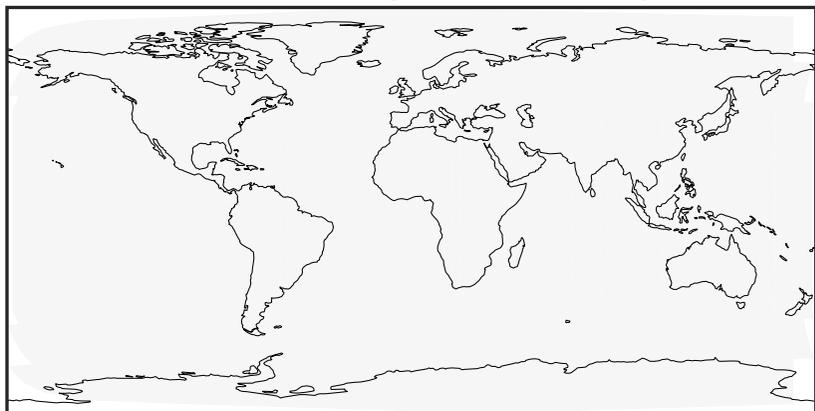
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

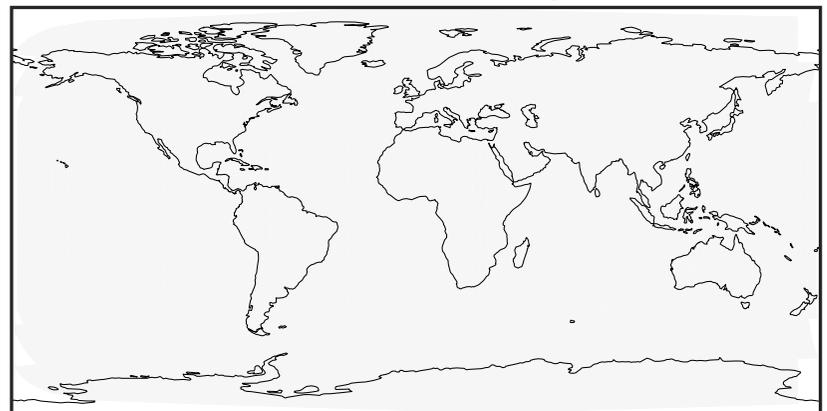


Difference
Dev - Ref, Dynamic Range



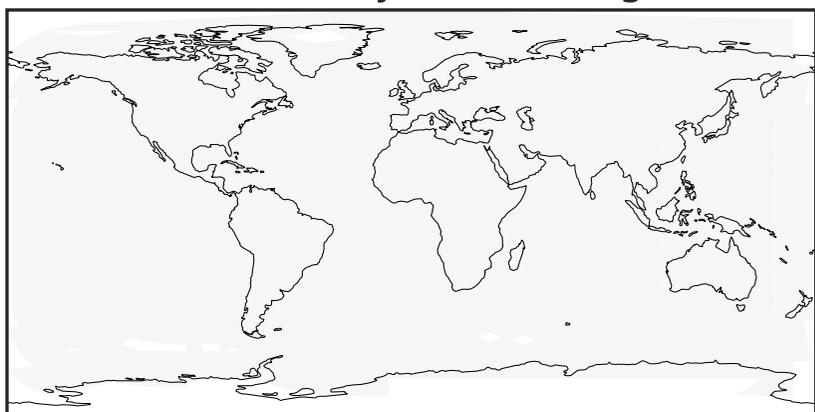
Zero throughout domain
kg/m2/s

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



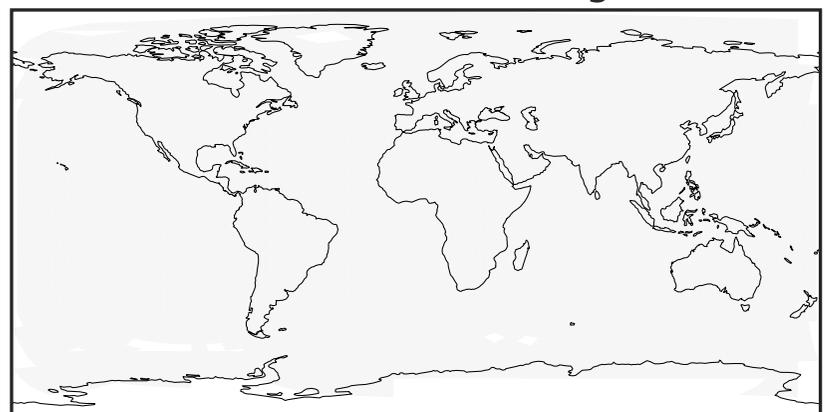
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



1
unitless

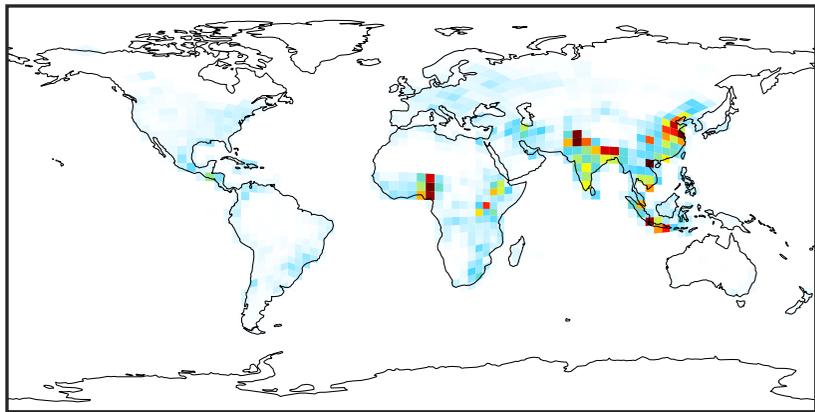
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

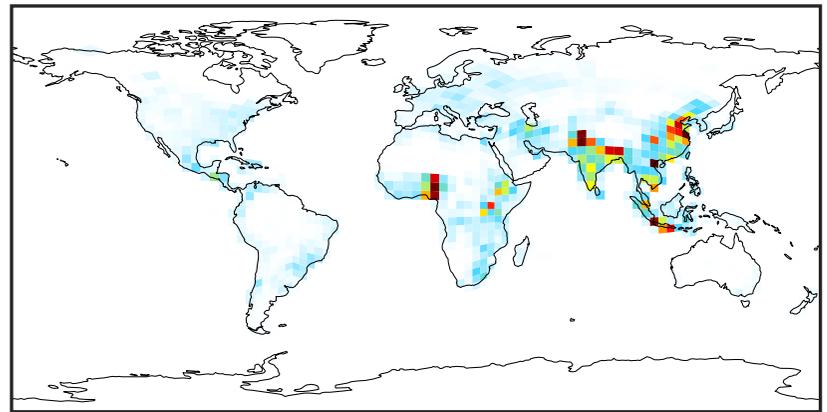
EmisC2H2_Anthro

gchp-c24-1Mon-14.2.0 (Ref)
c24



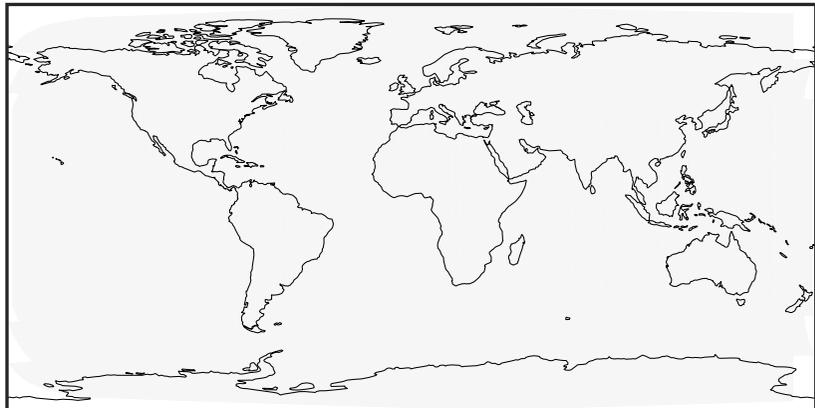
0.0 2.5 5.0 7.5
kg/m²/s 1e-12

gchp-c24-1Mon-14.2.1 (Dev)
c24



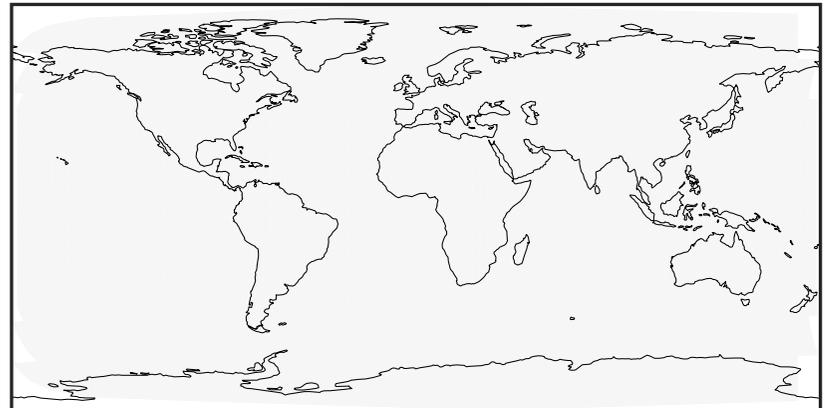
0.0 2.5 5.0 7.5
kg/m²/s 1e-12

Difference
Dev - Ref, Dynamic Range



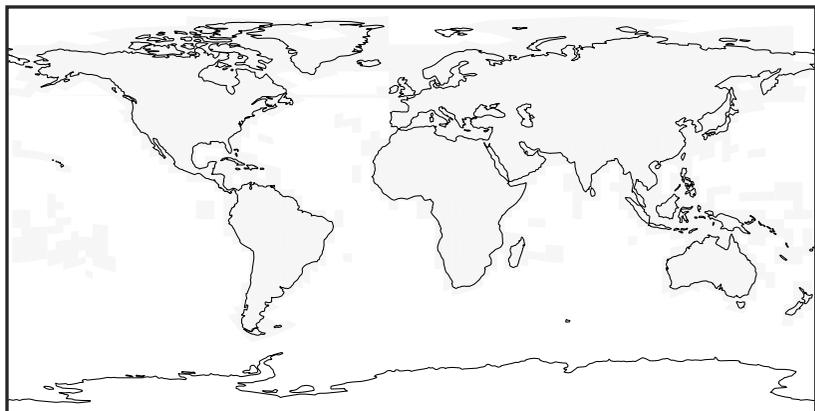
Zero throughout domain
kg/m²/s

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



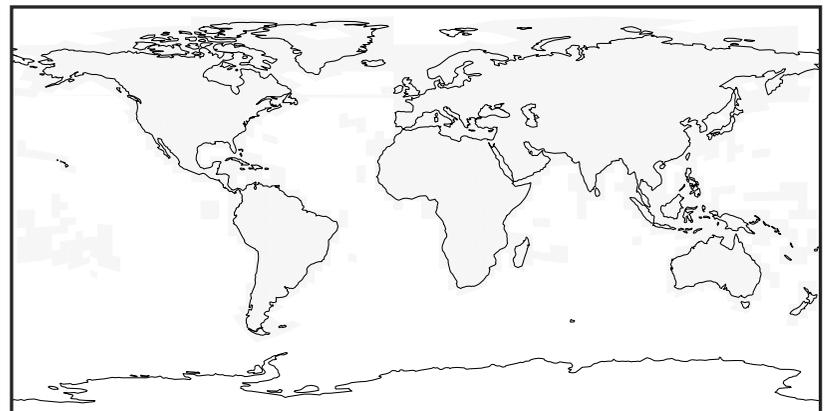
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

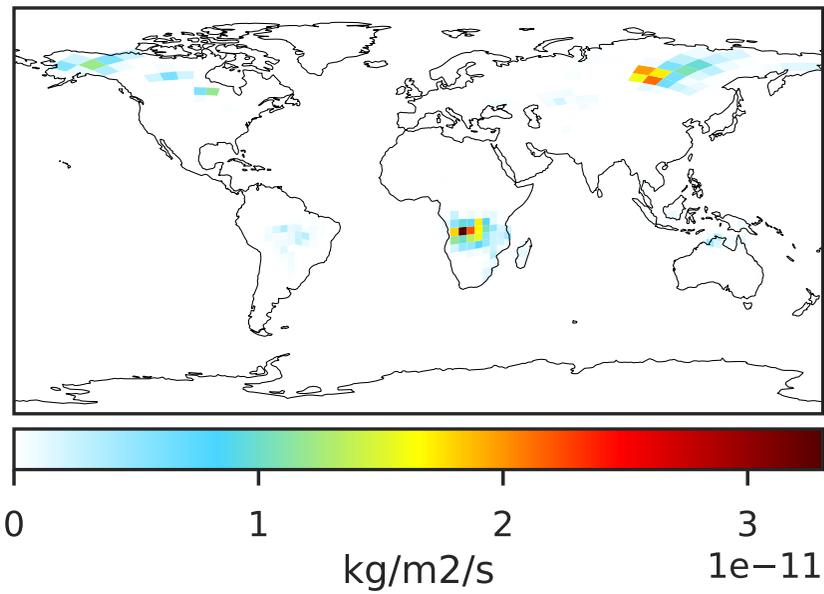
Ratio
Dev/Ref, Fixed Range



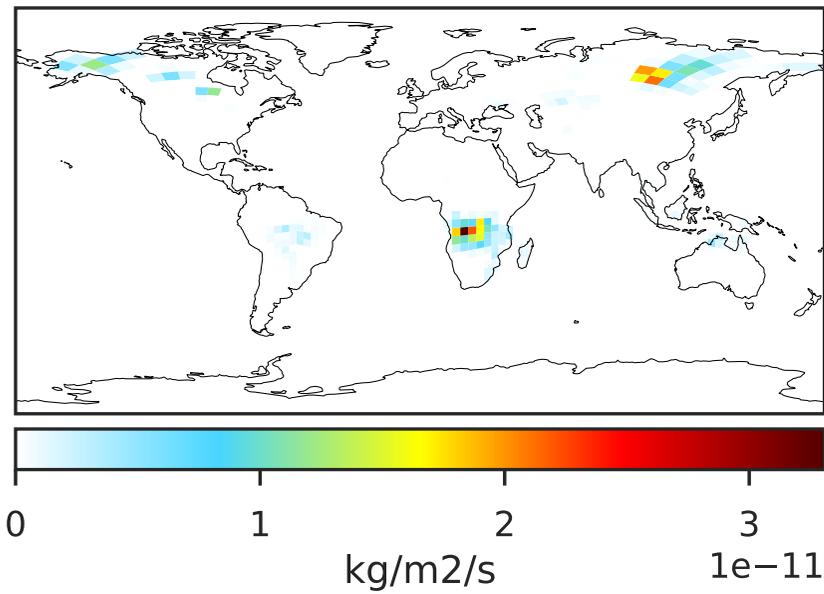
Ref and Dev equal throughout domain
unitless

EmisC2H2_BioBurn

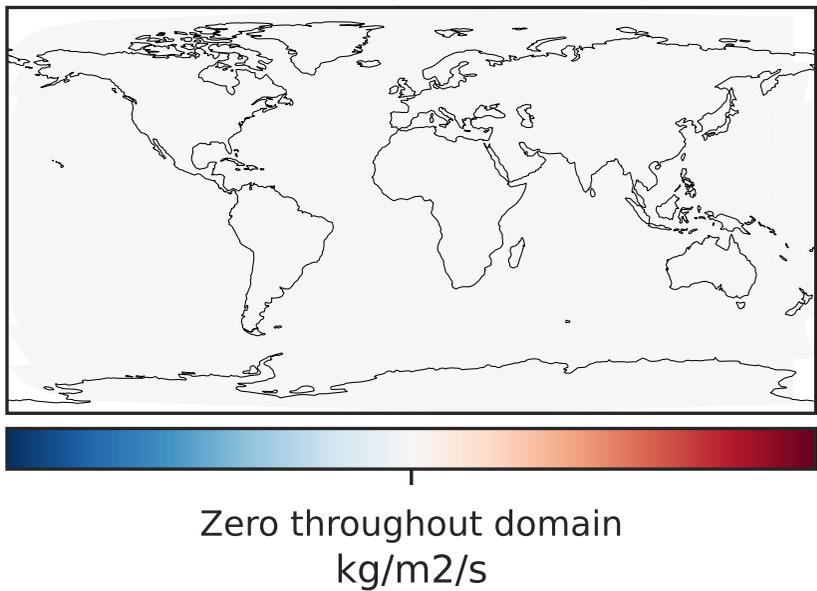
gchp-c24-1Mon-14.2.0 (Ref)
c24



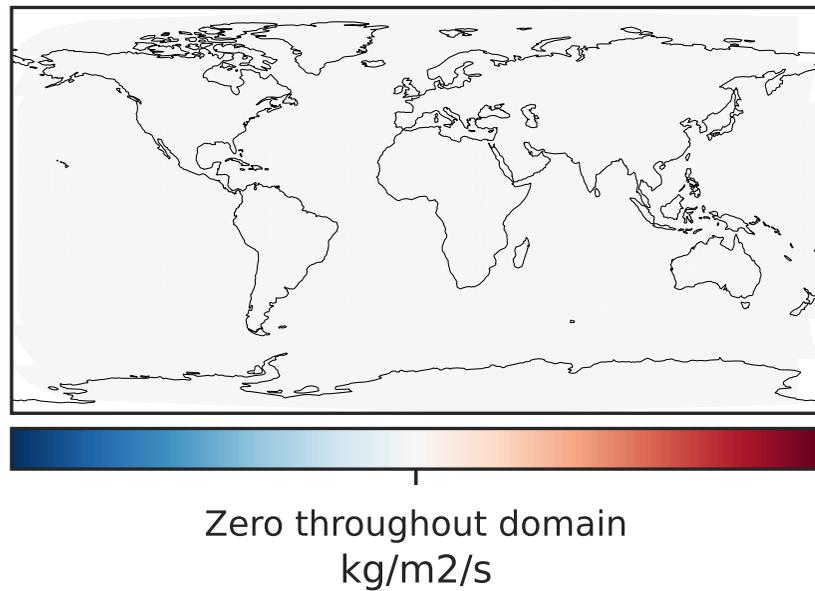
gchp-c24-1Mon-14.2.1 (Dev)
c24



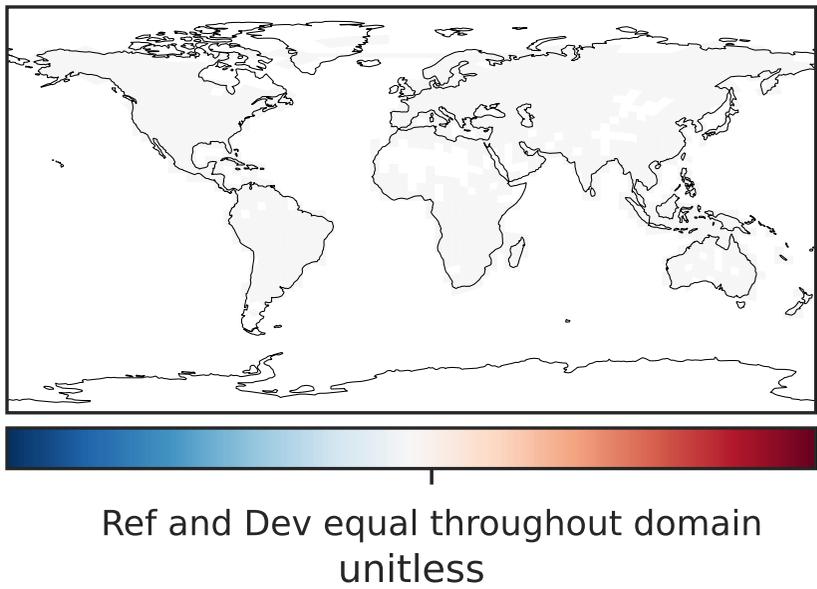
Difference
Dev - Ref, Dynamic Range



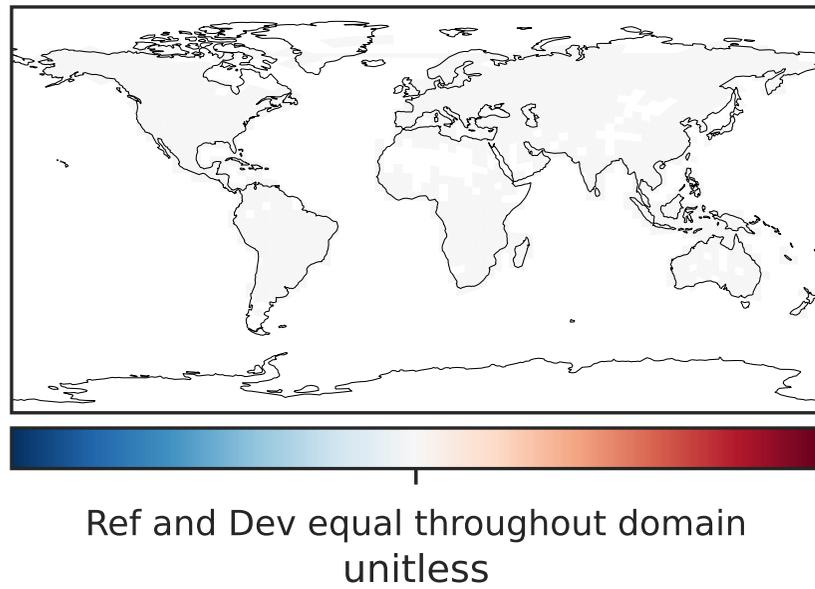
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

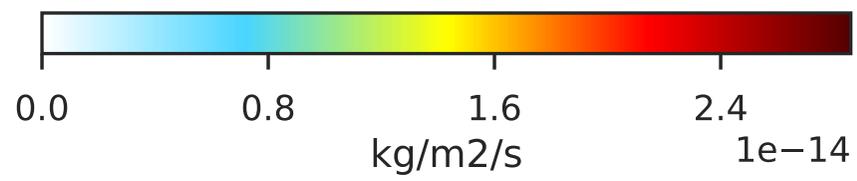
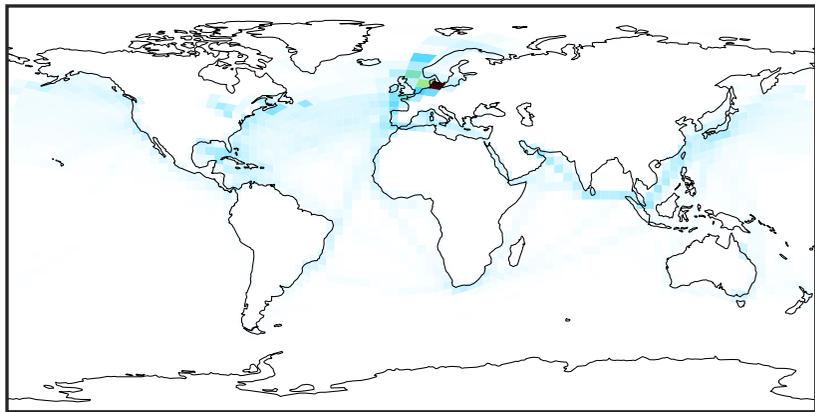


Ratio
Dev/Ref, Fixed Range

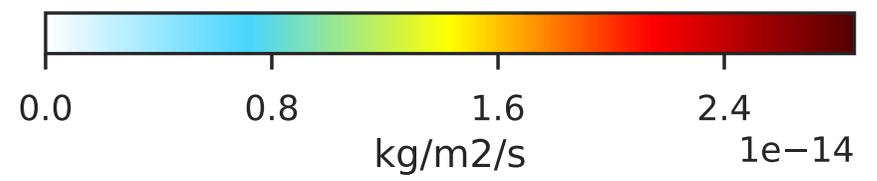
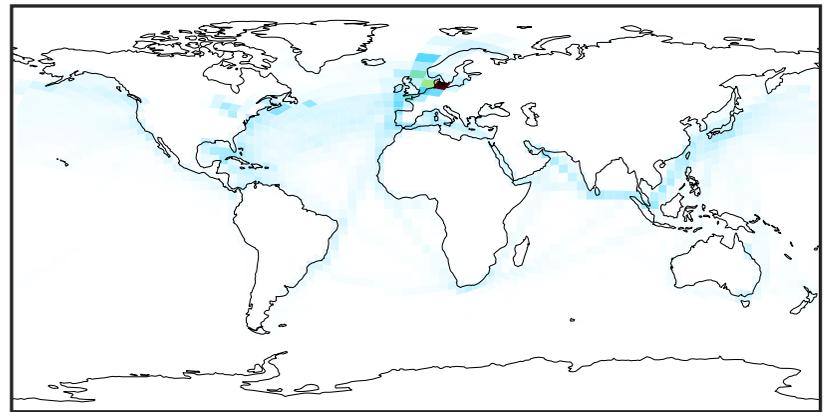


EmisC2H2_Ship

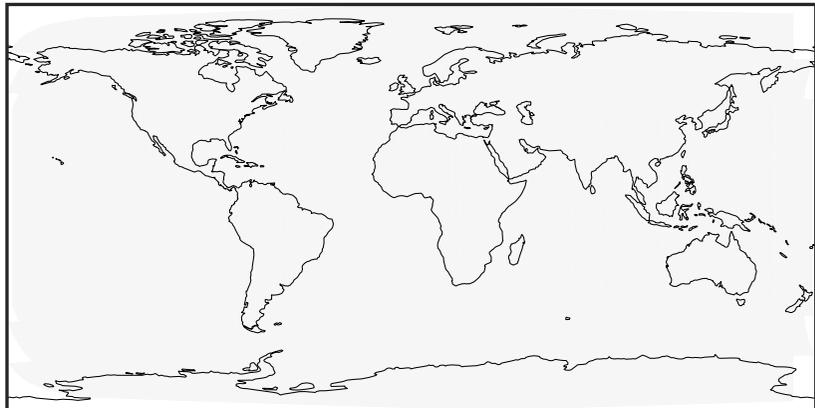
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

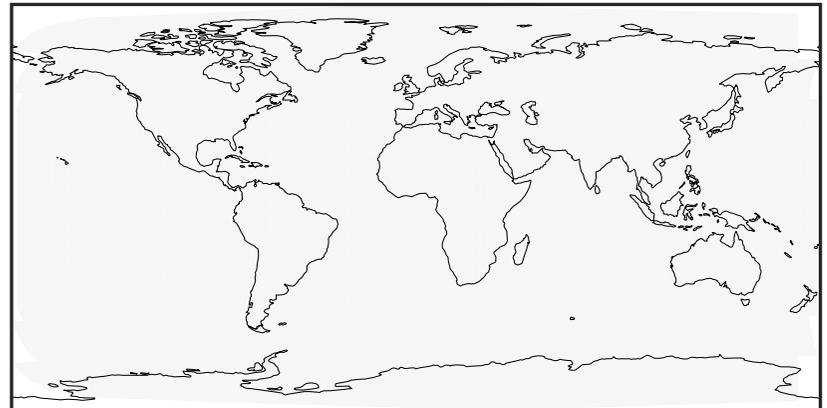


Difference
Dev - Ref, Dynamic Range



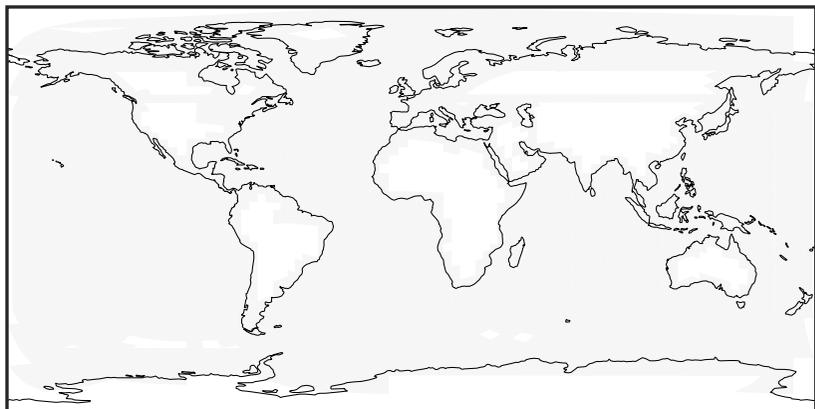
Zero throughout domain
kg/m2/s

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



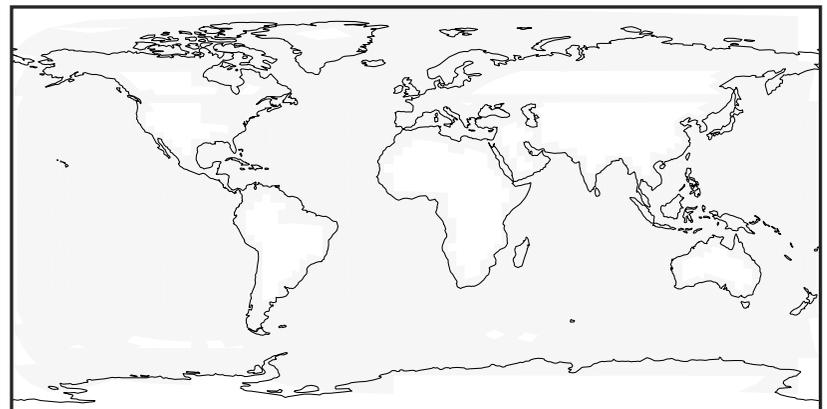
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

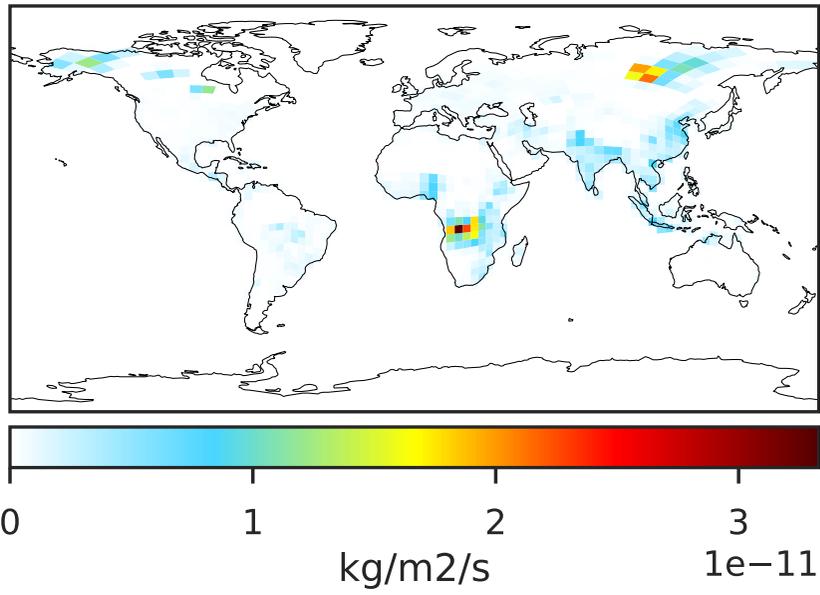
Ratio
Dev/Ref, Fixed Range



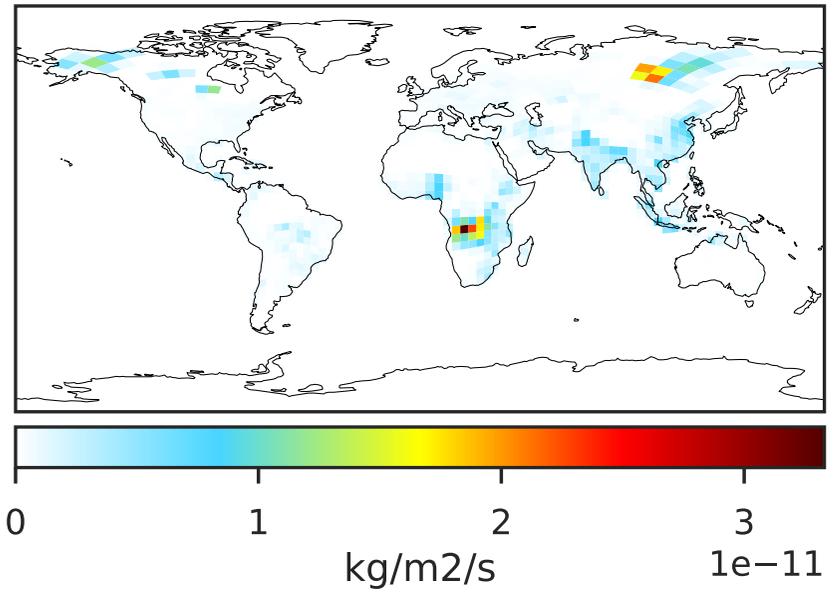
Ref and Dev equal throughout domain
unitless

EmisC2H2_Total

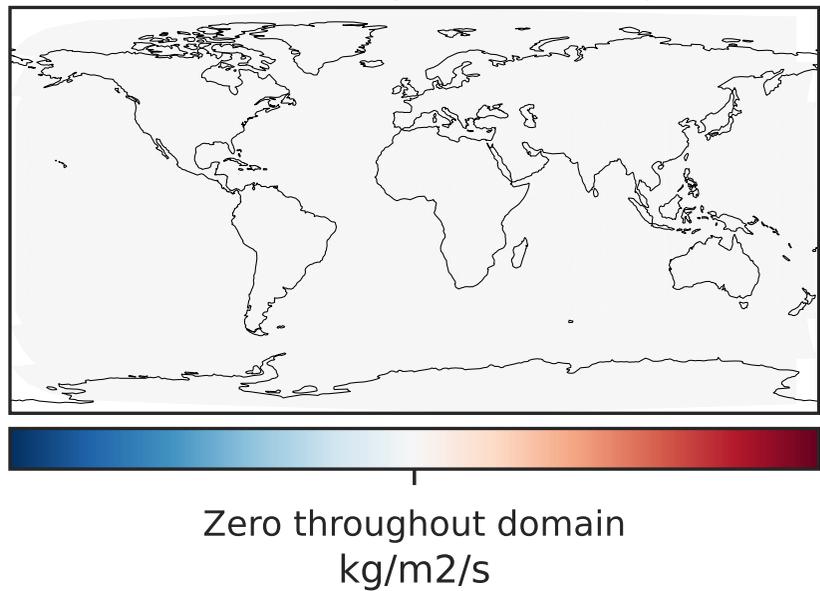
gchp-c24-1Mon-14.2.0 (Ref)
c24



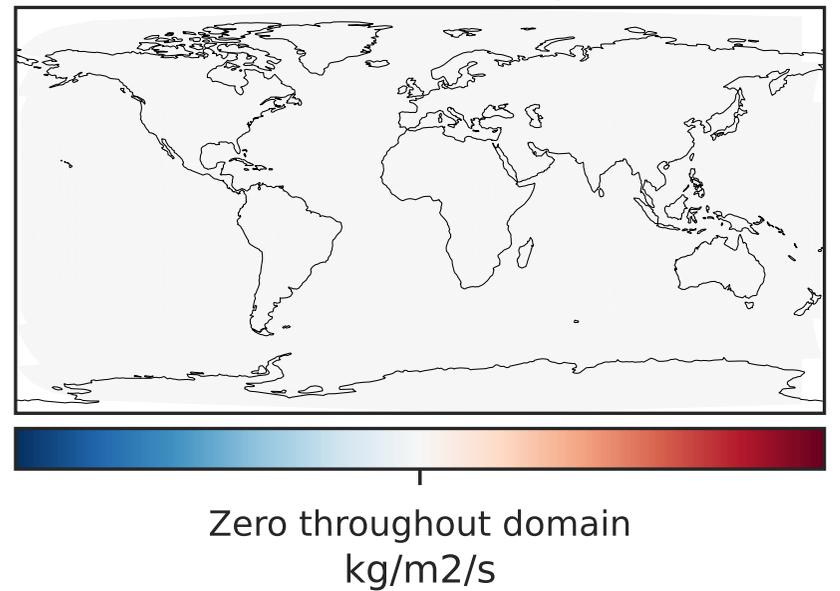
gchp-c24-1Mon-14.2.1 (Dev)
c24



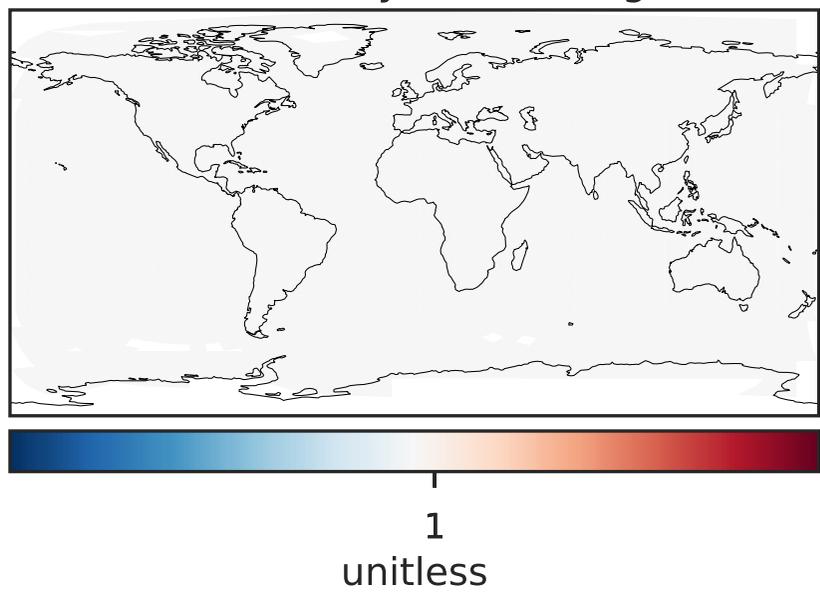
Difference
Dev - Ref, Dynamic Range



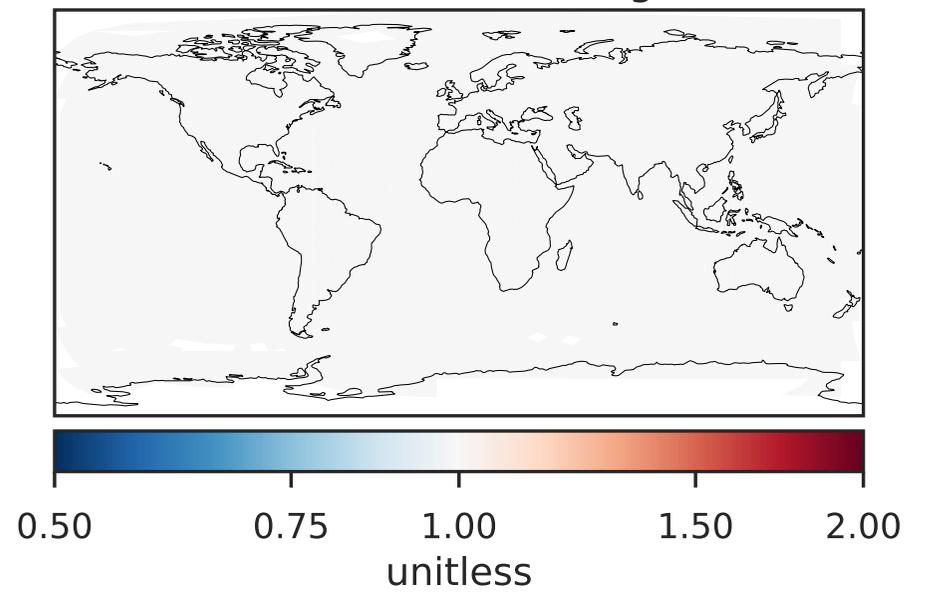
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

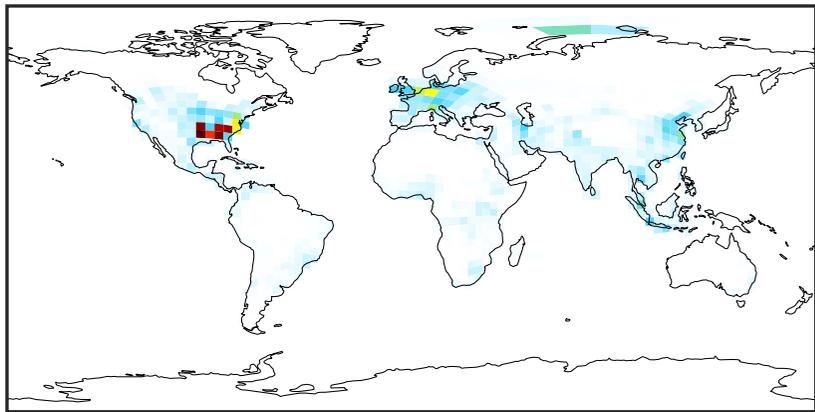


Ratio
Dev/Ref, Fixed Range



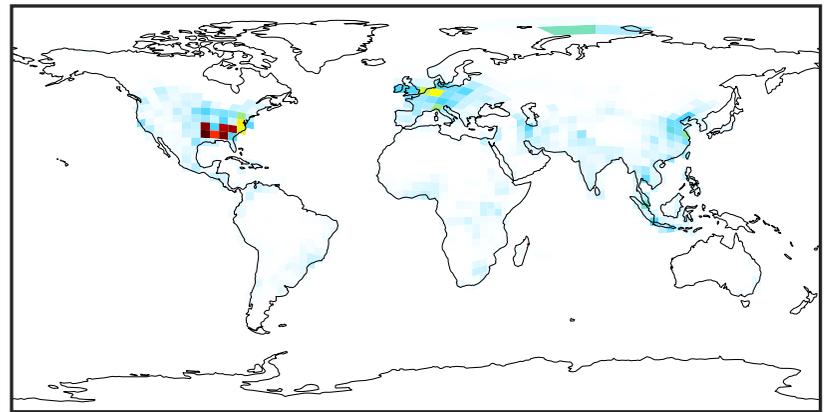
EmisC2H4_Anthro

gchp-c24-1Mon-14.2.0 (Ref)
c24



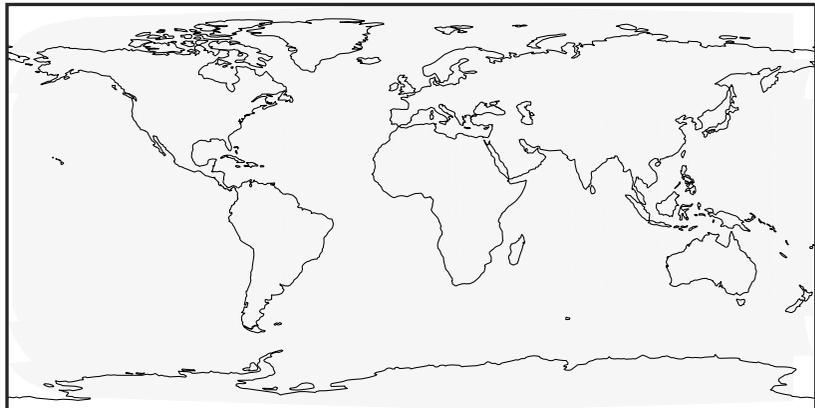
0.0 1.5 3.0 4.5
kg/m²/s 1e-11

gchp-c24-1Mon-14.2.1 (Dev)
c24



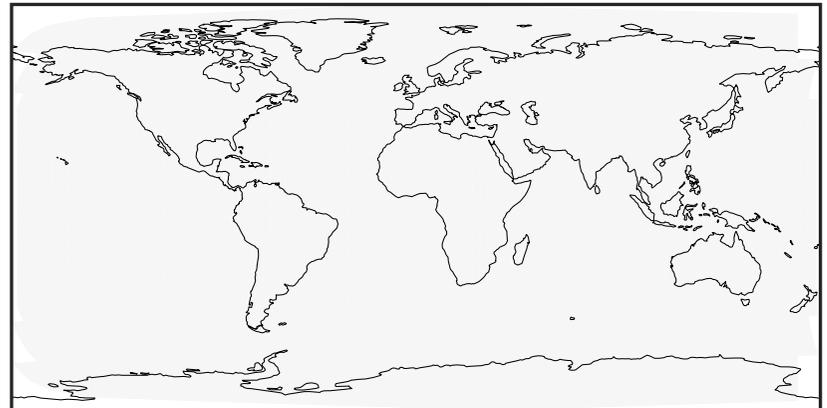
0.0 1.5 3.0 4.5
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



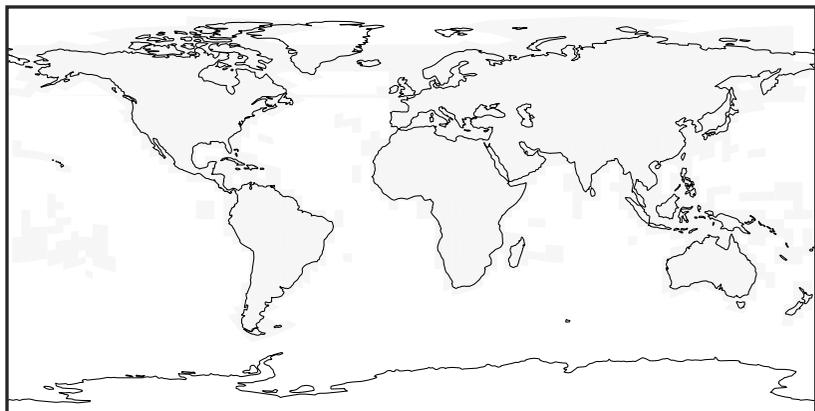
Zero throughout domain
kg/m²/s

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



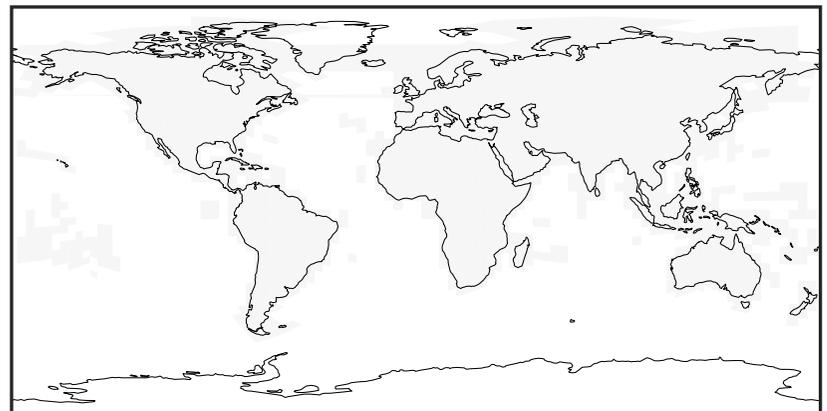
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

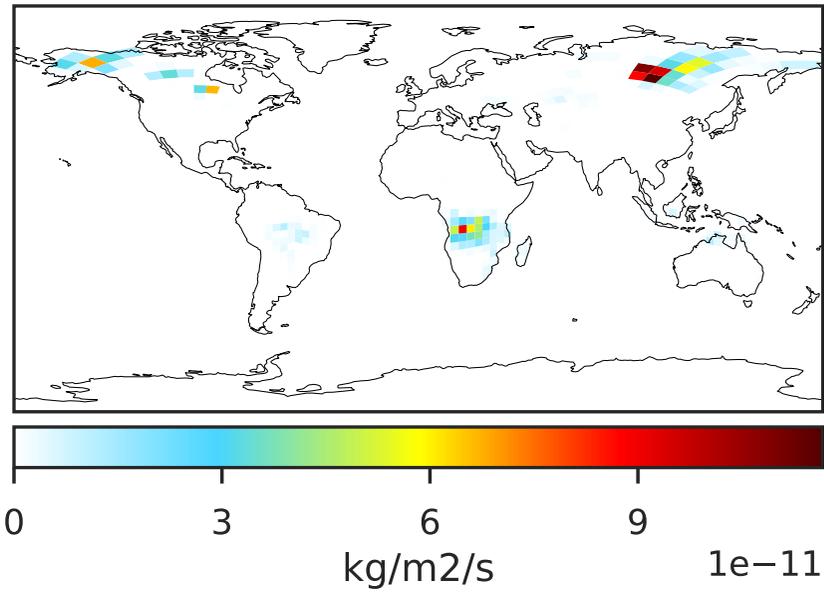
Ratio
Dev/Ref, Fixed Range



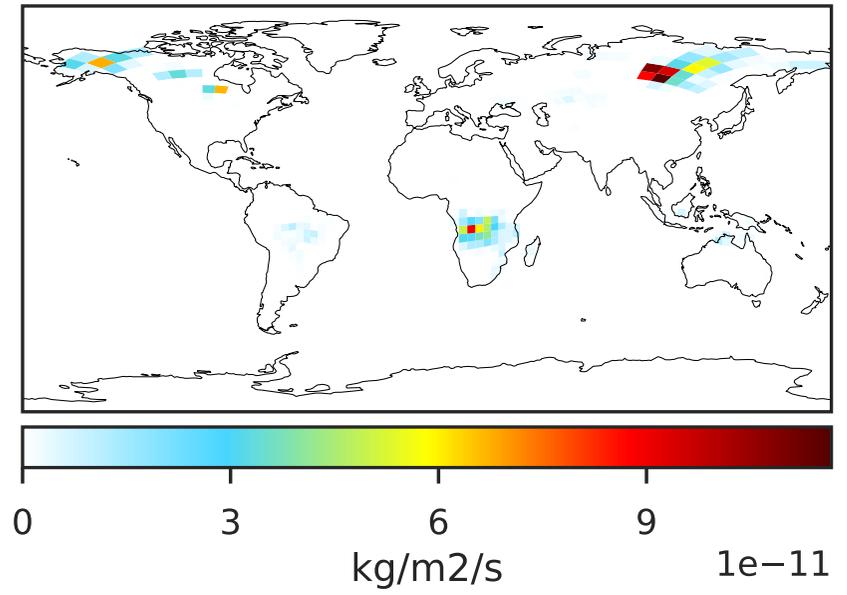
Ref and Dev equal throughout domain
unitless

EmisC2H4_BioBurn

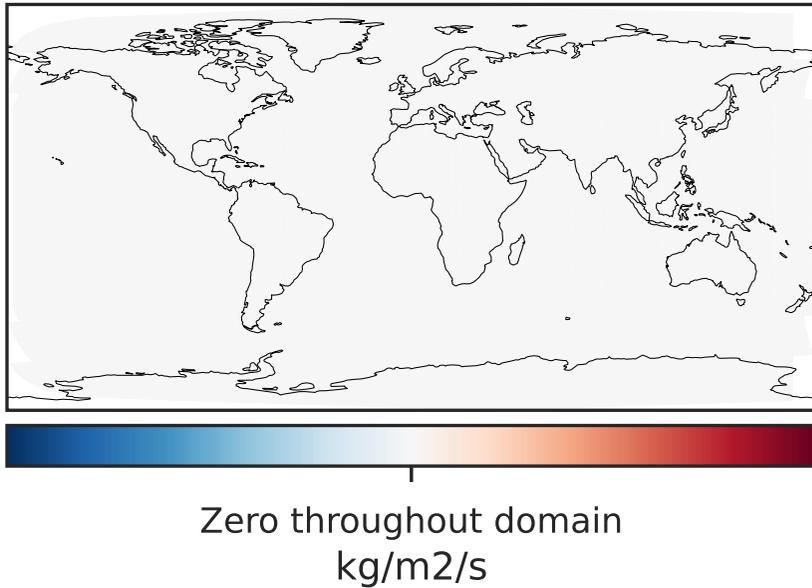
gchp-c24-1Mon-14.2.0 (Ref)
c24



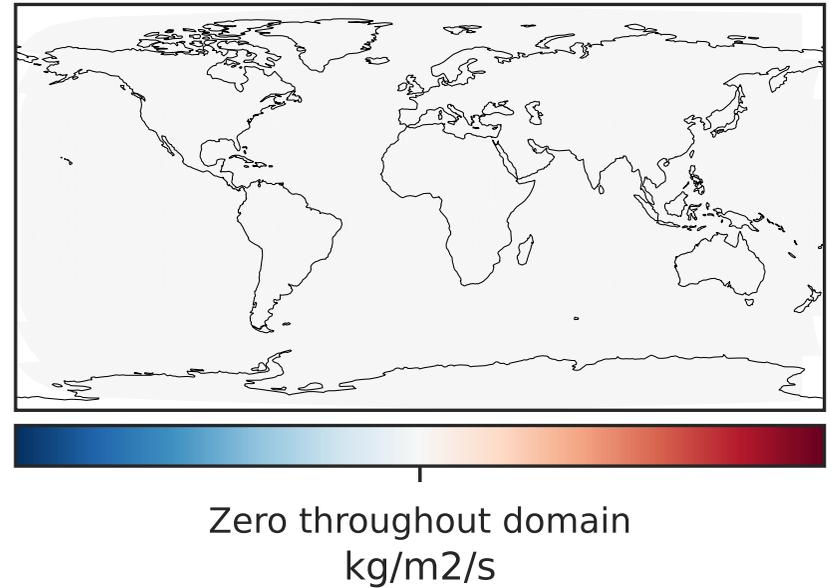
gchp-c24-1Mon-14.2.1 (Dev)
c24



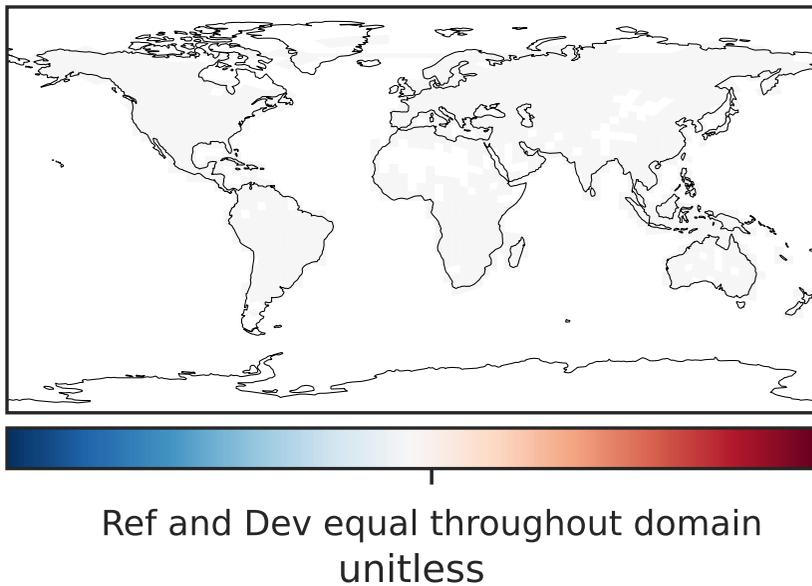
Difference
Dev - Ref, Dynamic Range



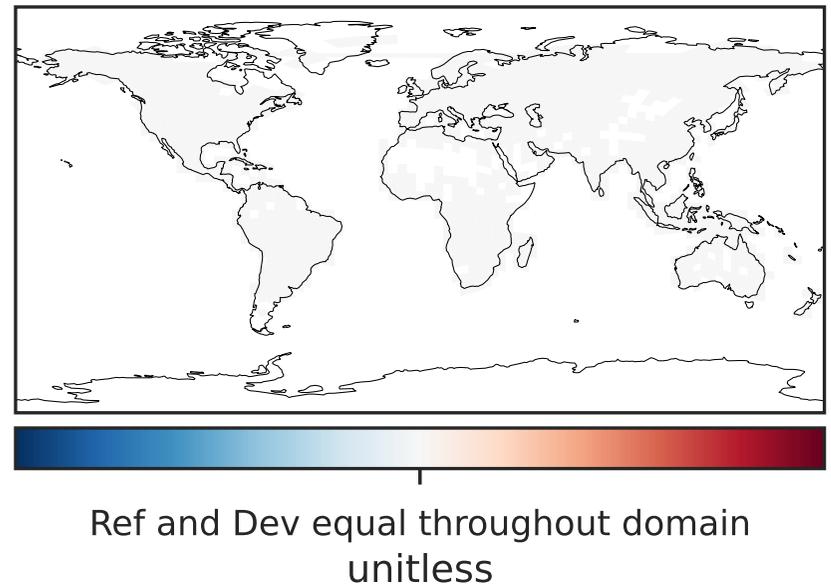
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

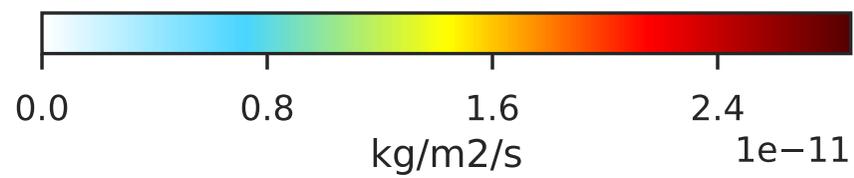
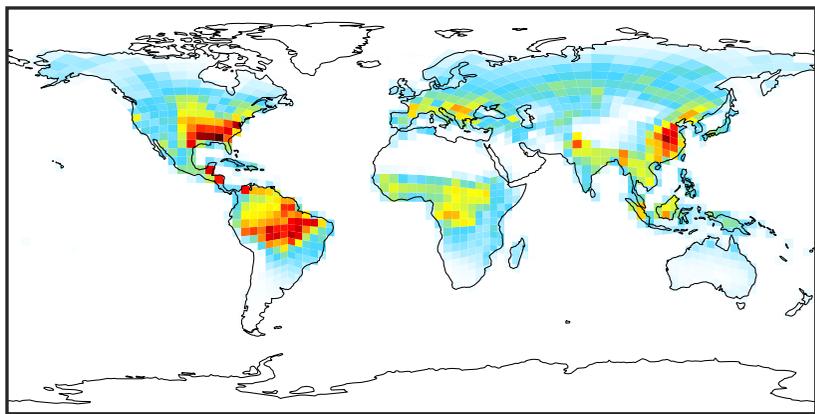


Ratio
Dev/Ref, Fixed Range

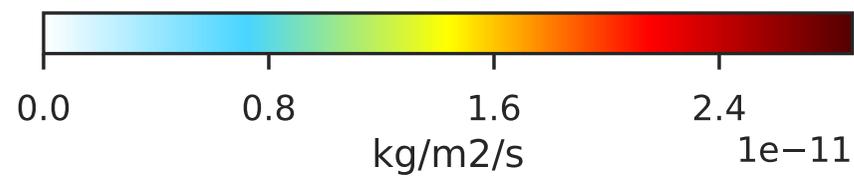
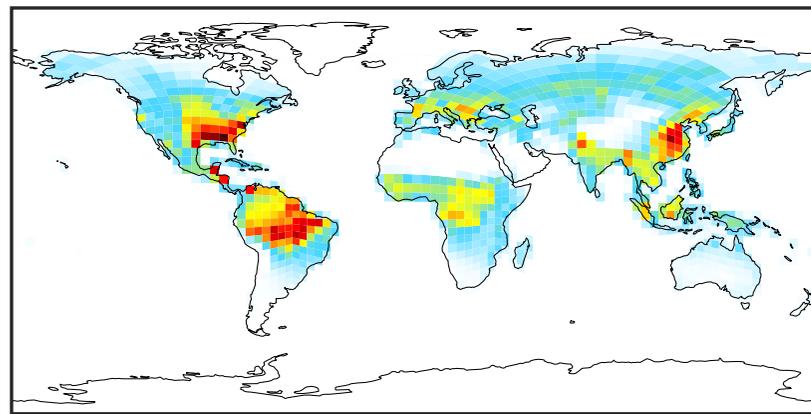


EmisC2H4_Biogenic

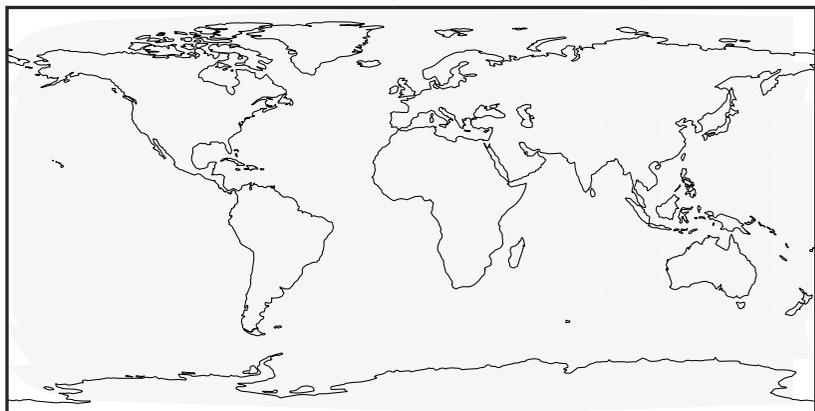
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

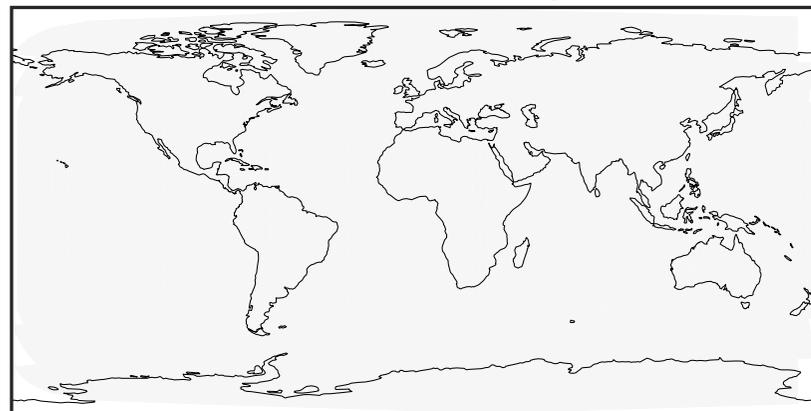


Difference
Dev - Ref, Dynamic Range



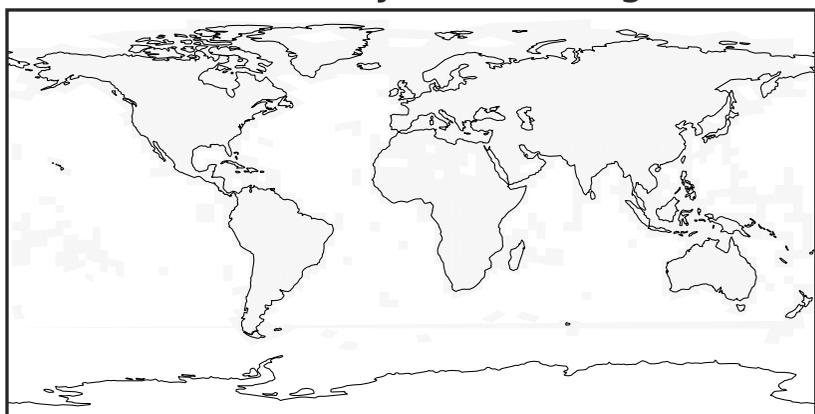
Zero throughout domain
kg/m2/s

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



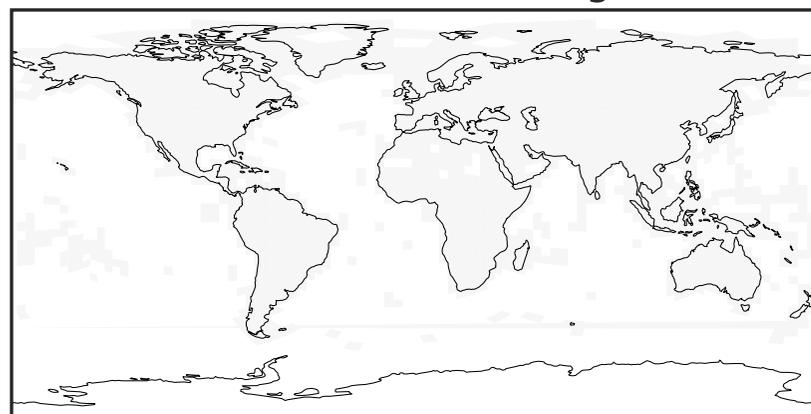
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

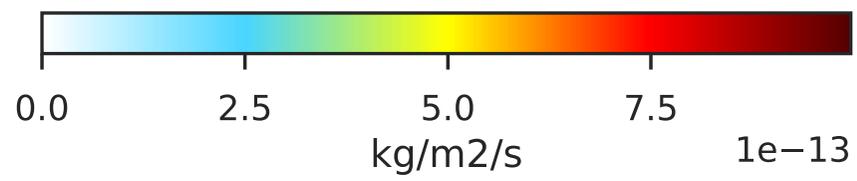
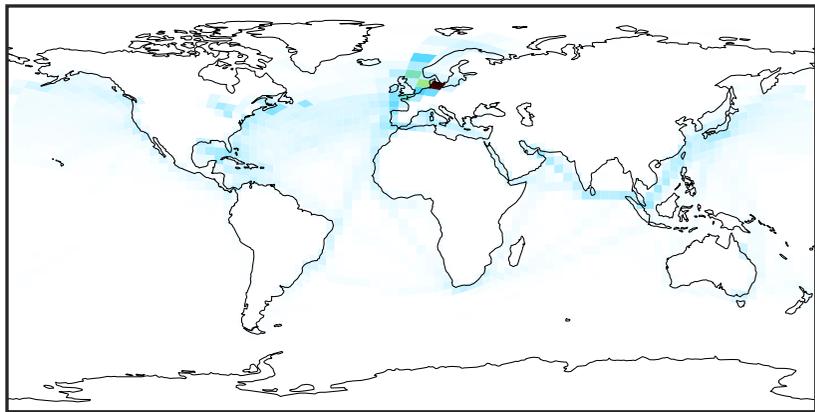
Ratio
Dev/Ref, Fixed Range



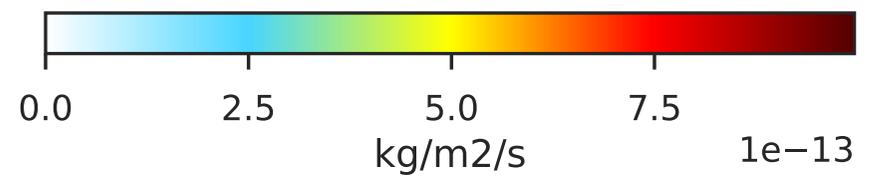
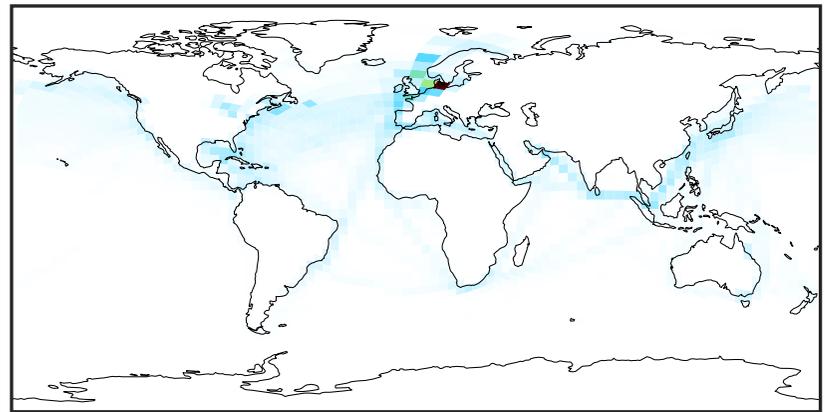
Ref and Dev equal throughout domain
unitless

EmisC2H4_Ship

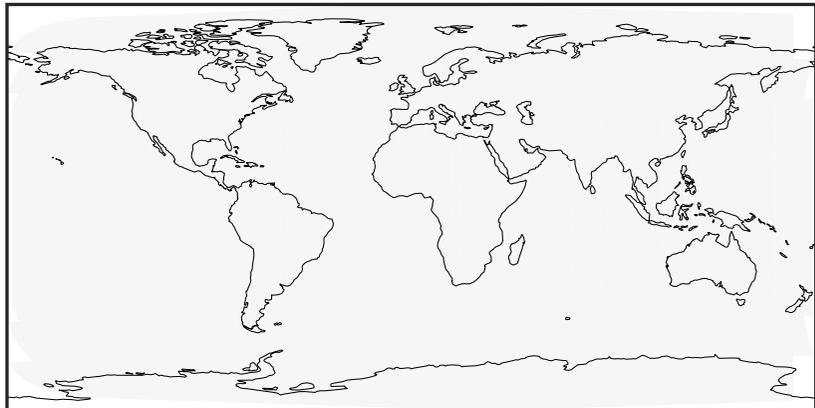
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

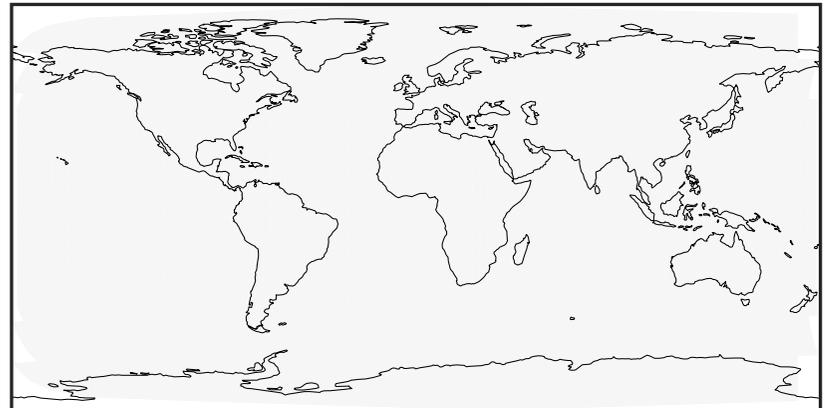


Difference
Dev - Ref, Dynamic Range



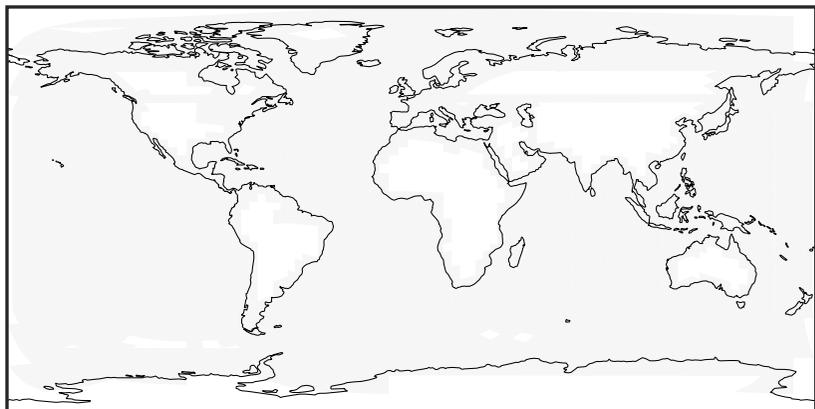
Zero throughout domain
kg/m2/s

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



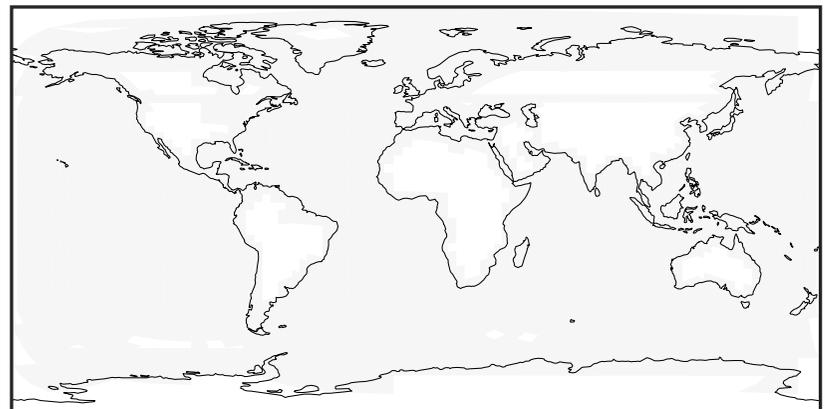
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

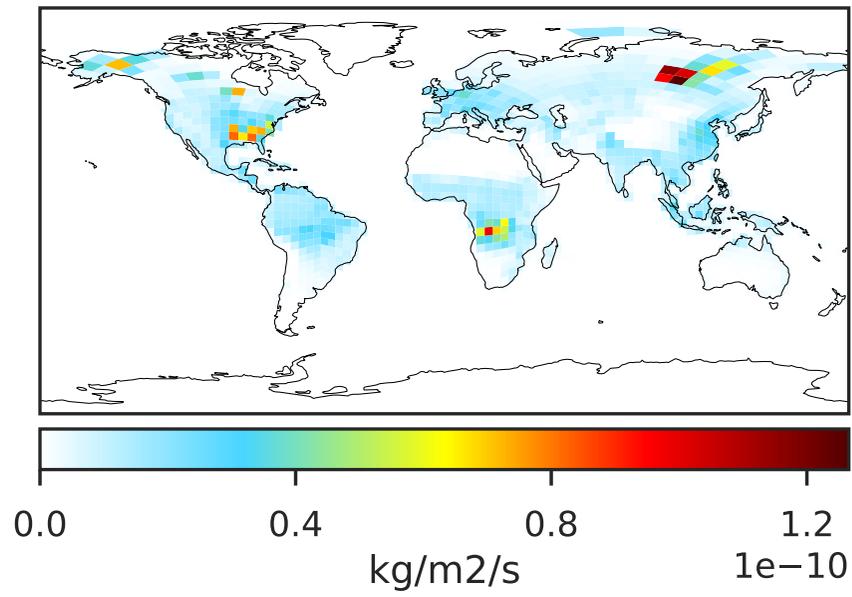
Ratio
Dev/Ref, Fixed Range



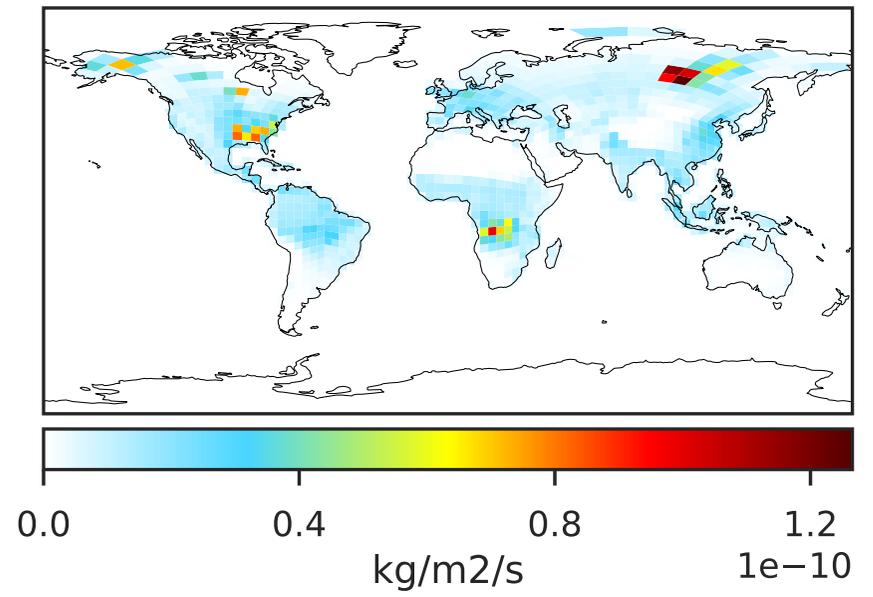
Ref and Dev equal throughout domain
unitless

EmisC2H4_Total

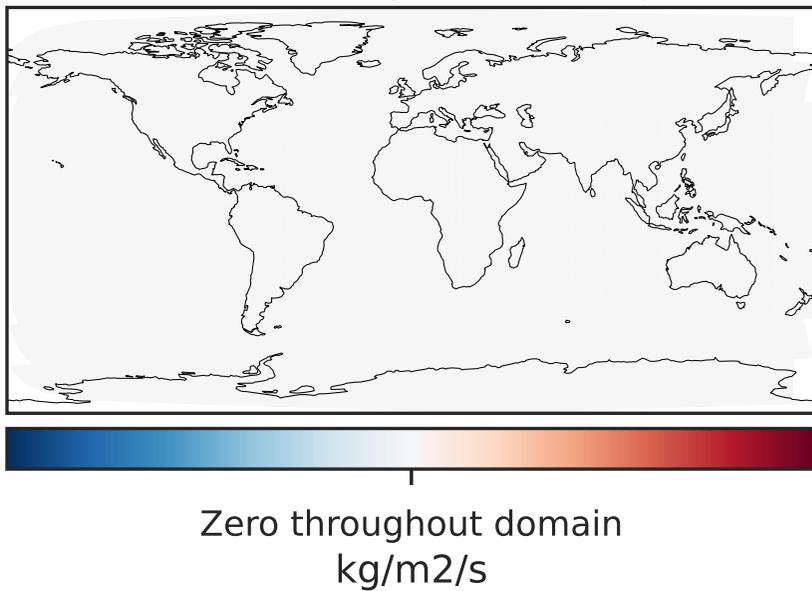
gchp-c24-1Mon-14.2.0 (Ref)
c24



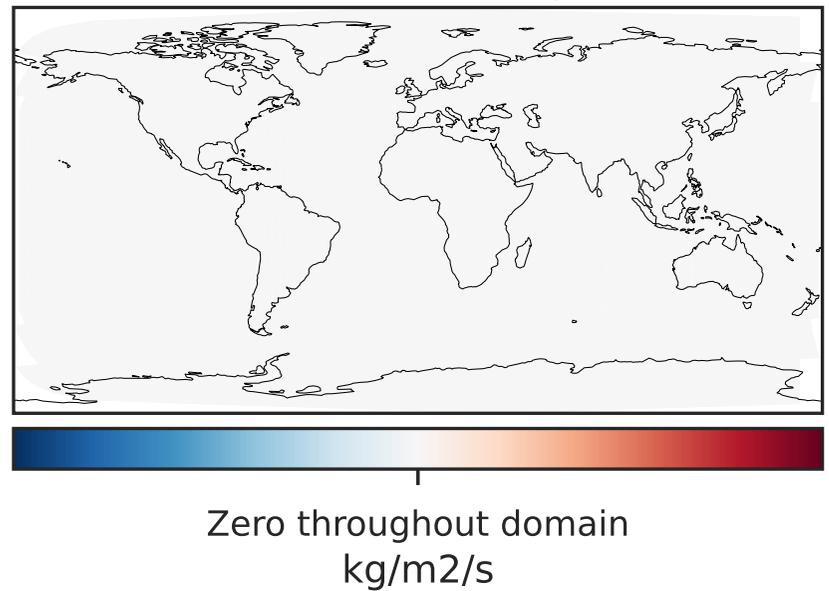
gchp-c24-1Mon-14.2.1 (Dev)
c24



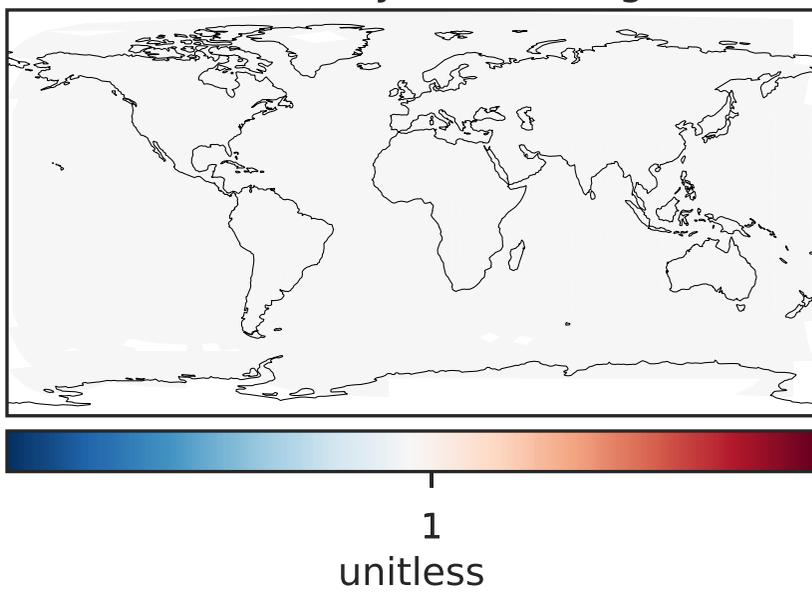
Difference
Dev - Ref, Dynamic Range



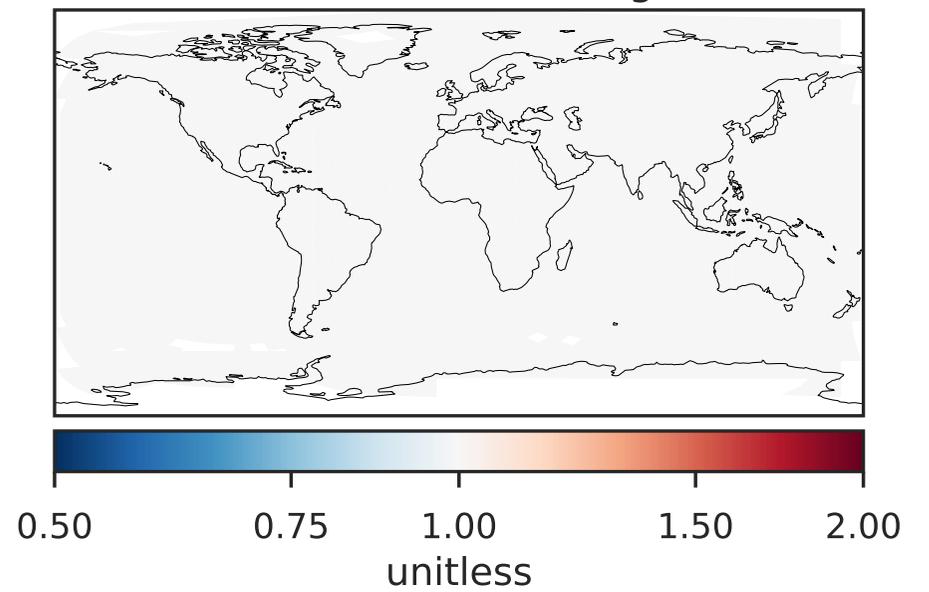
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

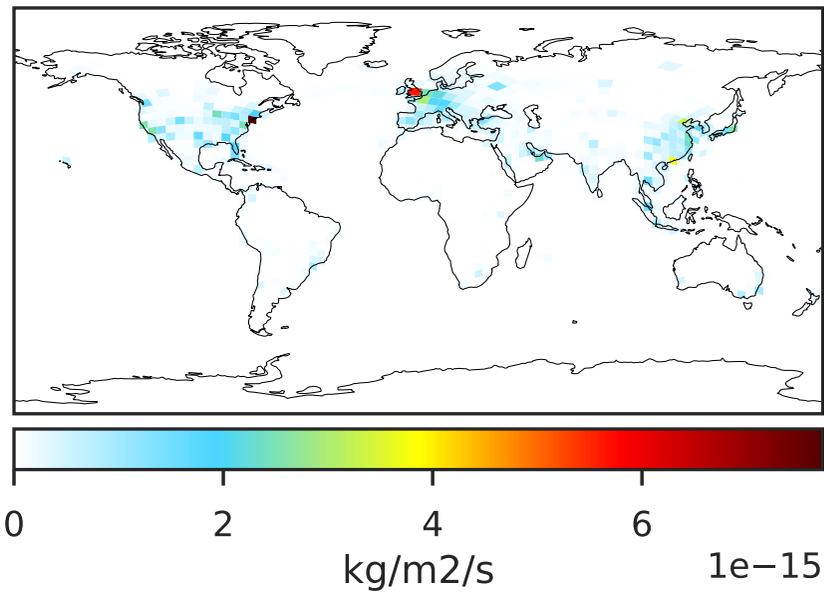


Ratio
Dev/Ref, Fixed Range

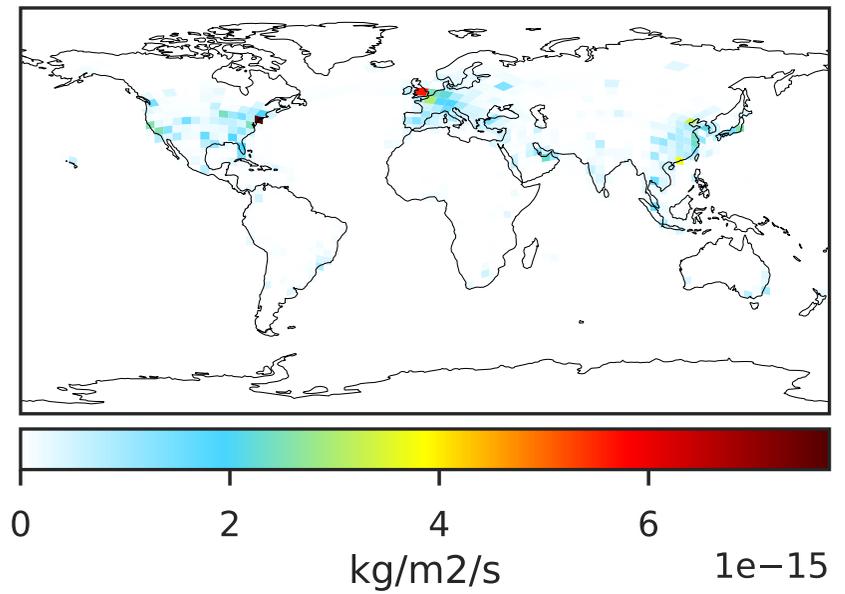


EmisC2H6_Aircraft

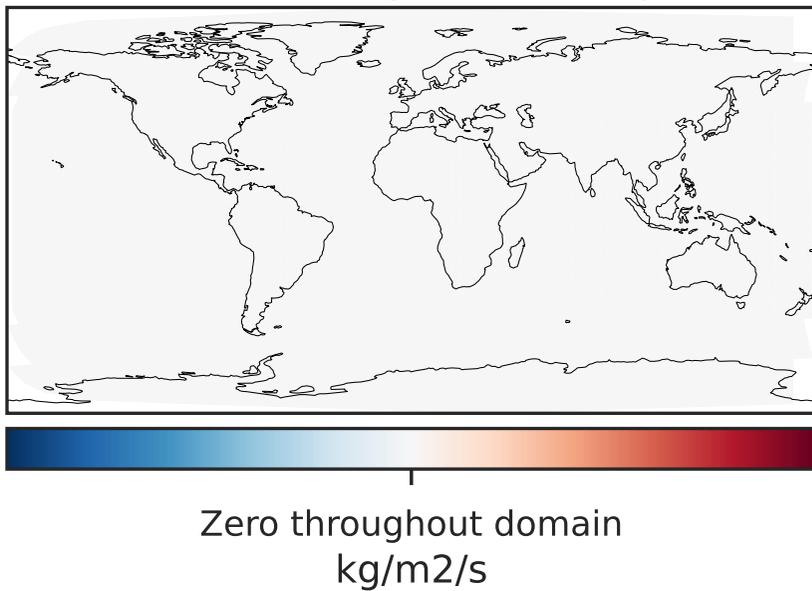
gchp-c24-1Mon-14.2.0 (Ref)
c24



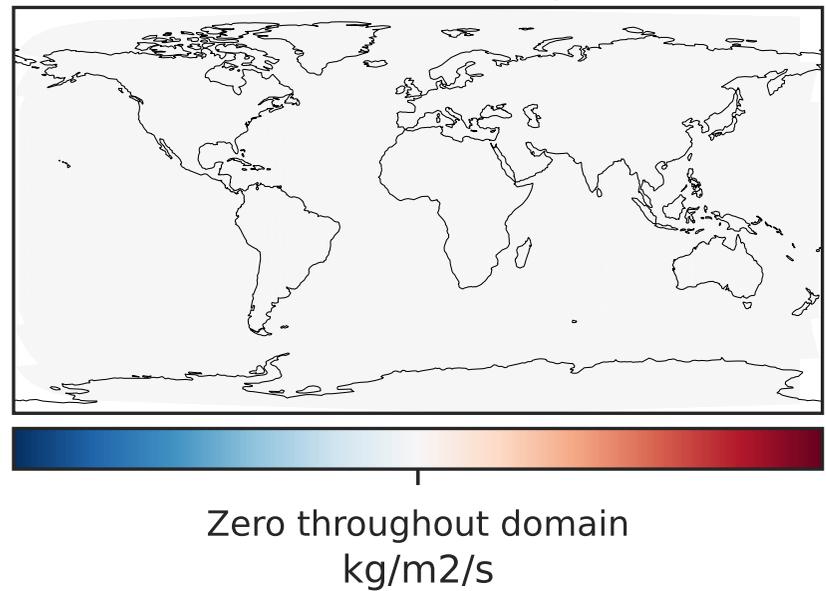
gchp-c24-1Mon-14.2.1 (Dev)
c24



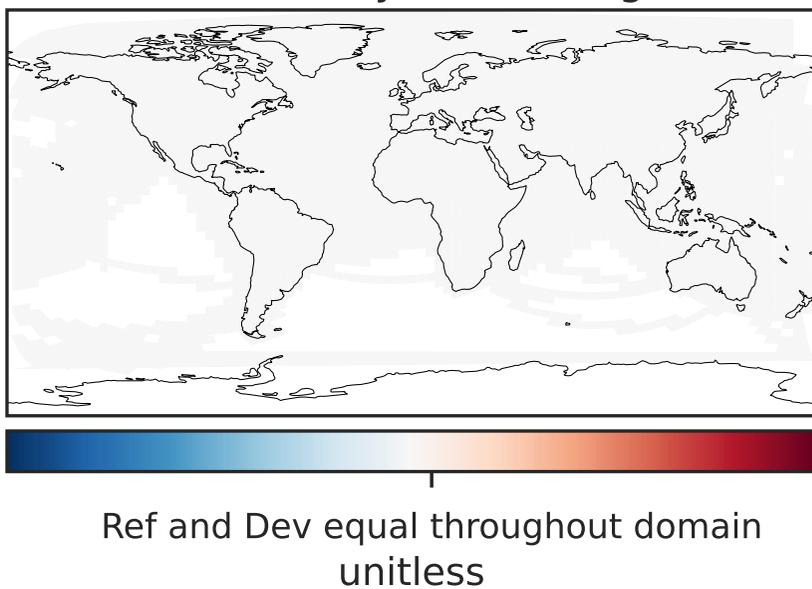
Difference
Dev - Ref, Dynamic Range



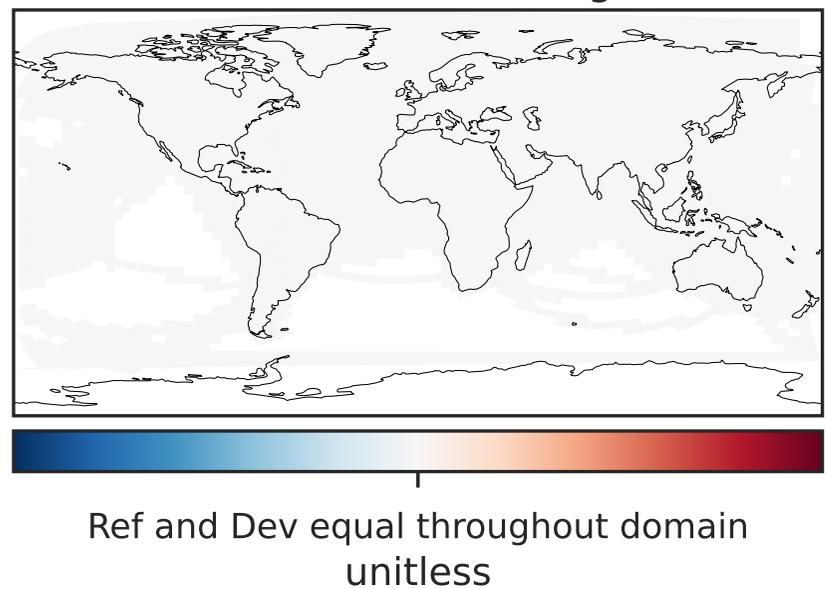
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

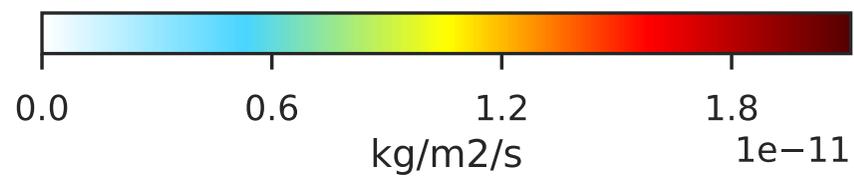
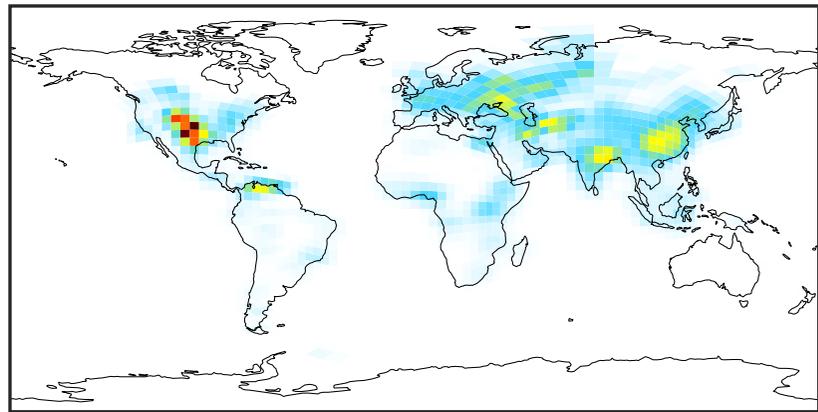


Ratio
Dev/Ref, Fixed Range

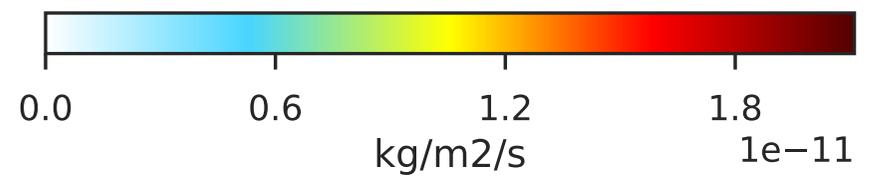
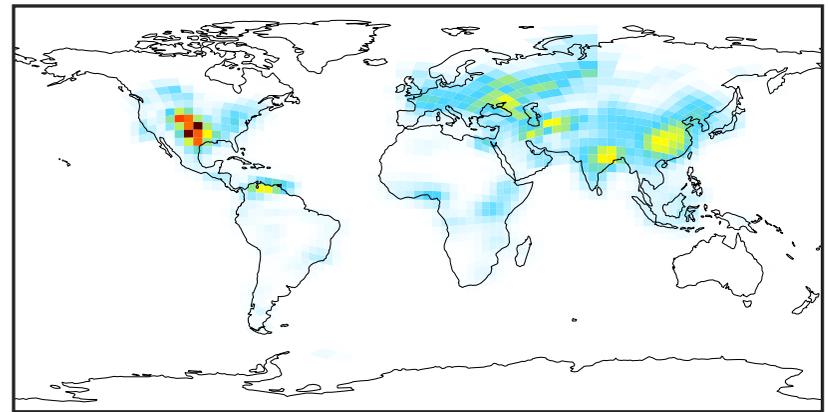


EmisC2H6_Anthro

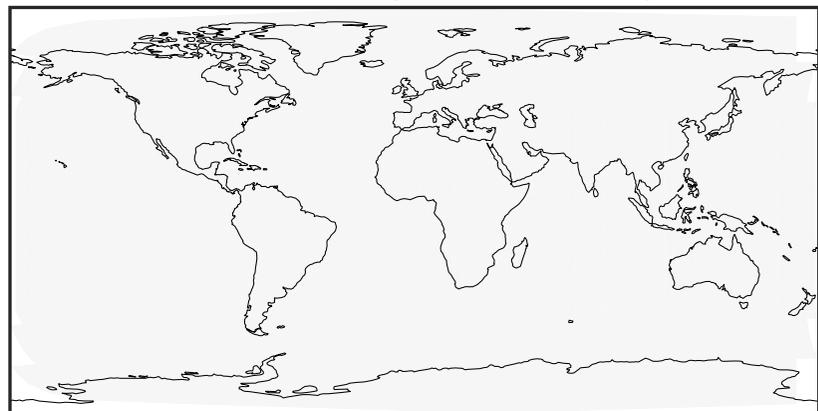
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

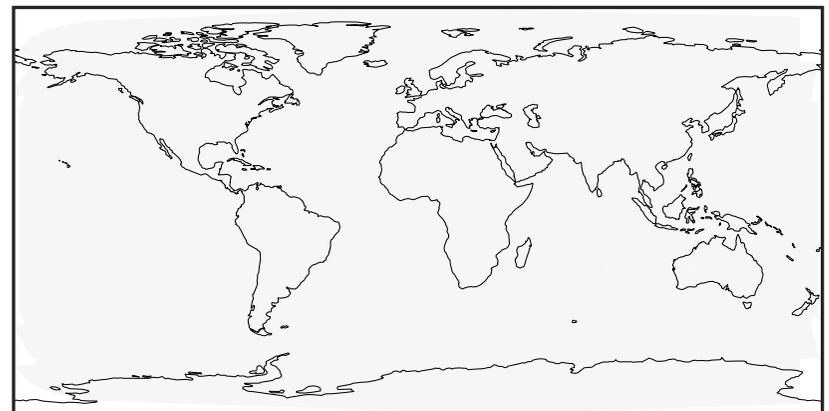


Difference
Dev - Ref, Dynamic Range



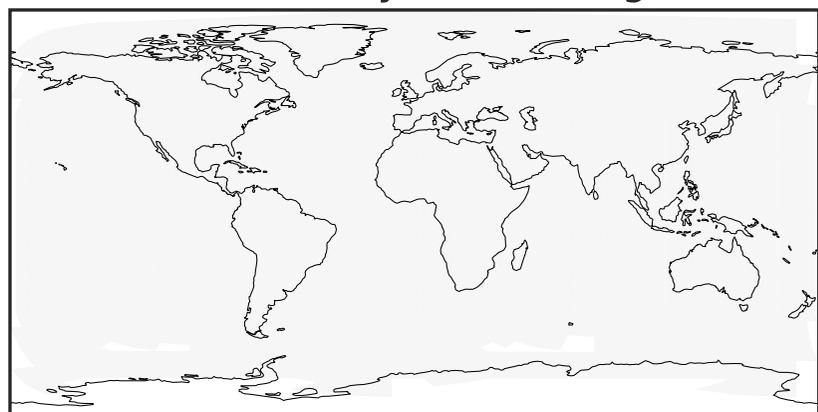
Zero throughout domain
kg/m2/s

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



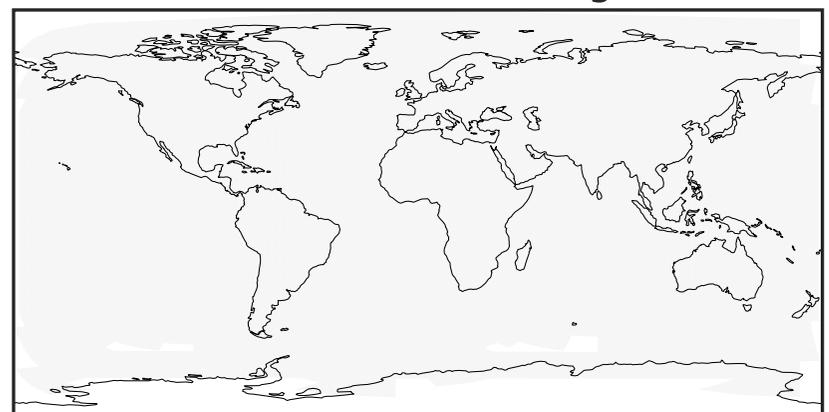
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



1
unitless

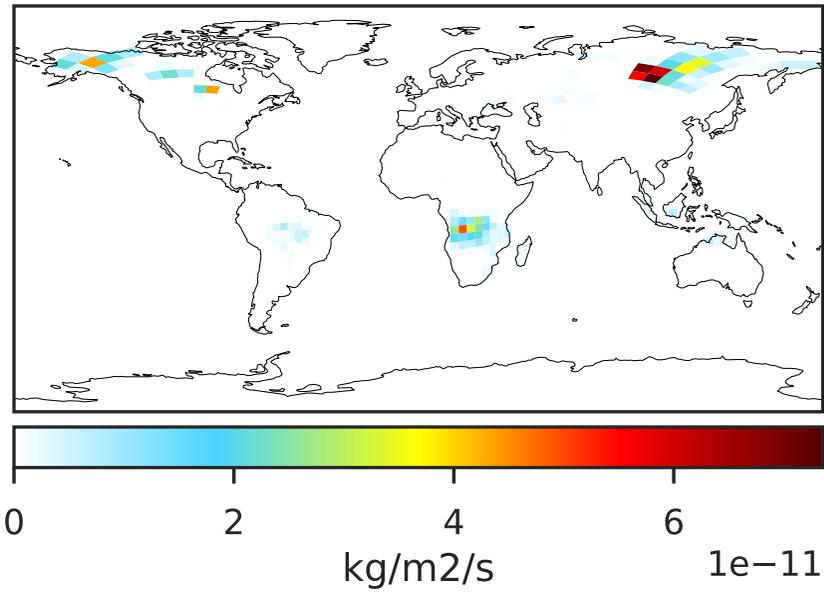
Ratio
Dev/Ref, Fixed Range



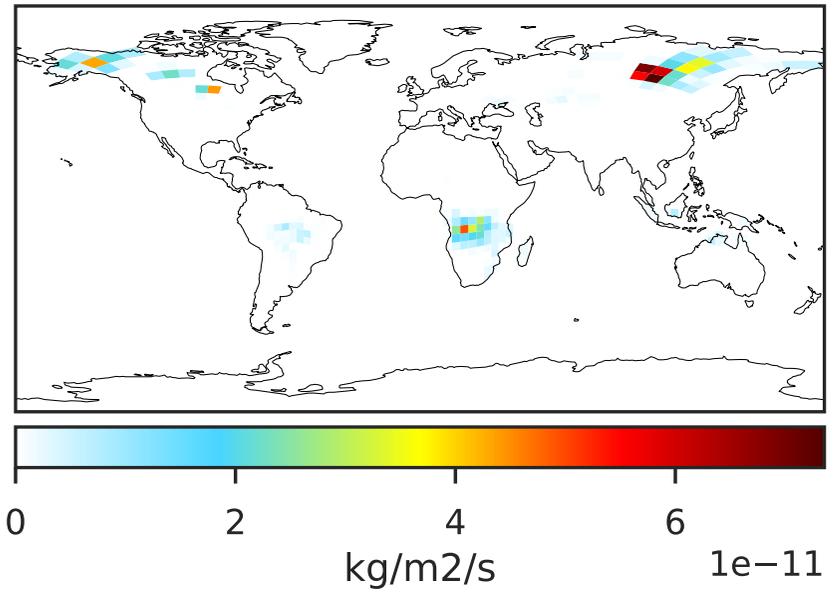
0.50 0.75 1.00 1.50 2.00
unitless

EmisC2H6_BioBurn

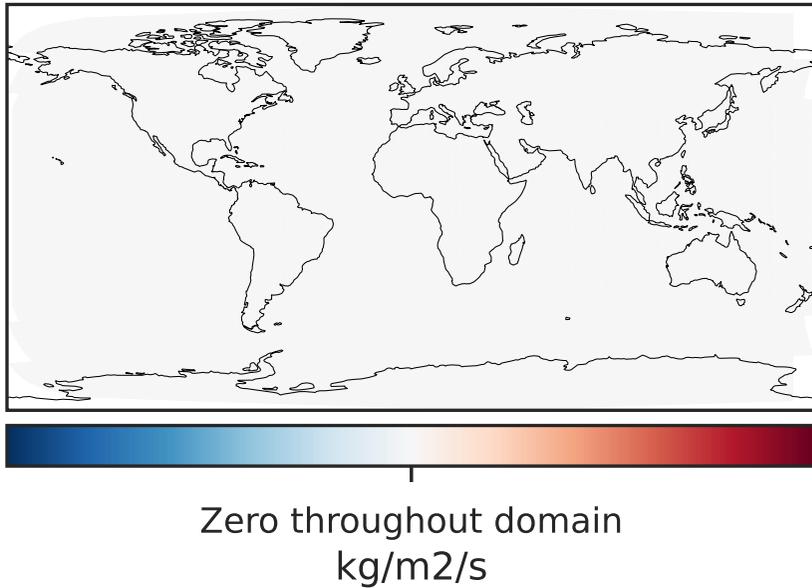
gchp-c24-1Mon-14.2.0 (Ref)
c24



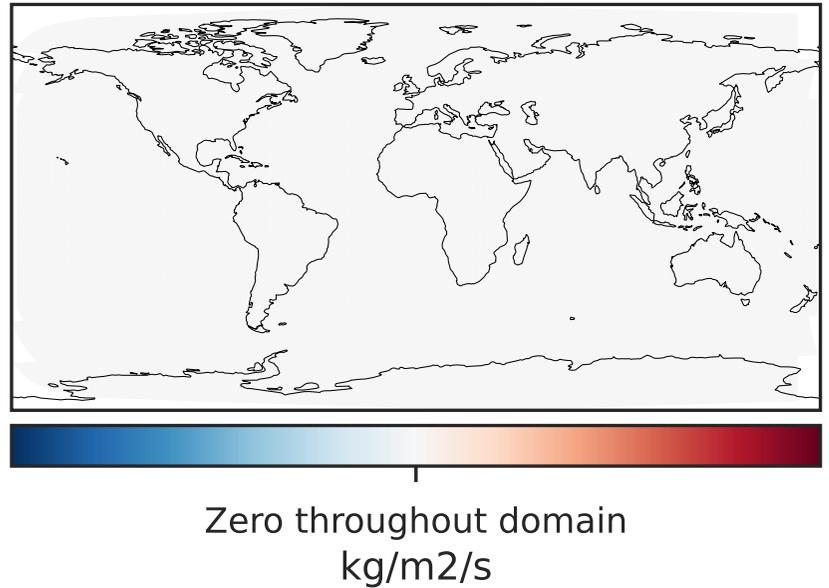
gchp-c24-1Mon-14.2.1 (Dev)
c24



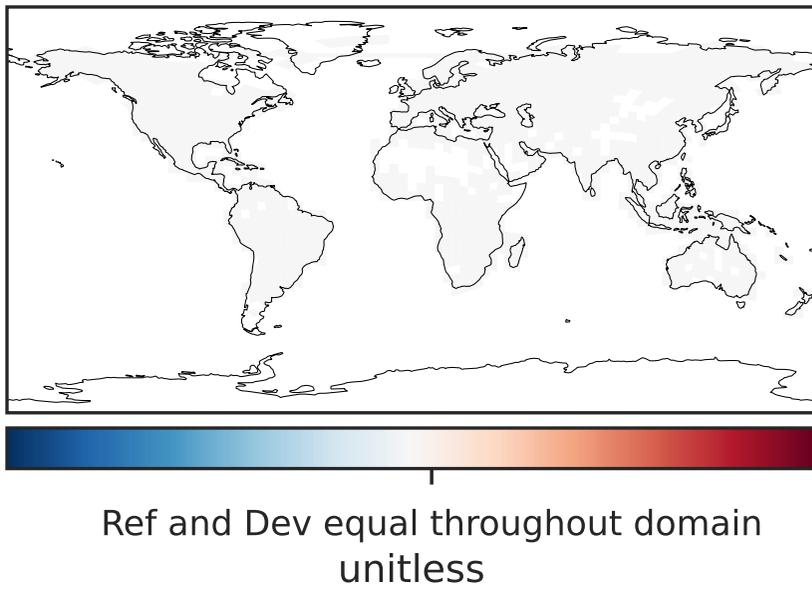
Difference
Dev - Ref, Dynamic Range



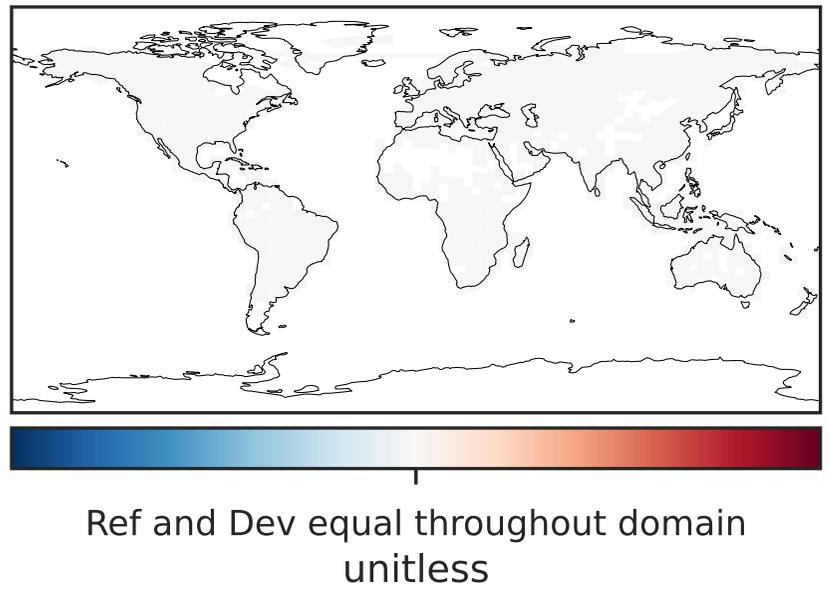
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

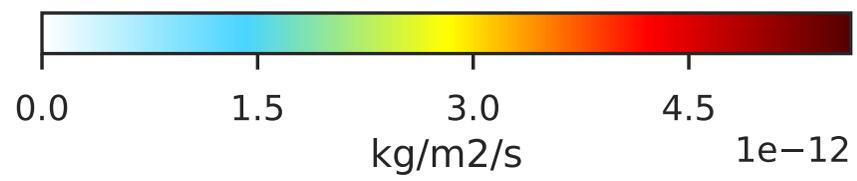
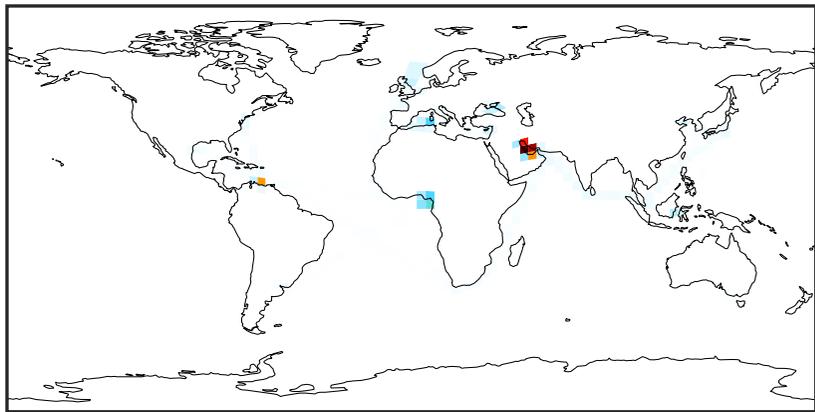


Ratio
Dev/Ref, Fixed Range

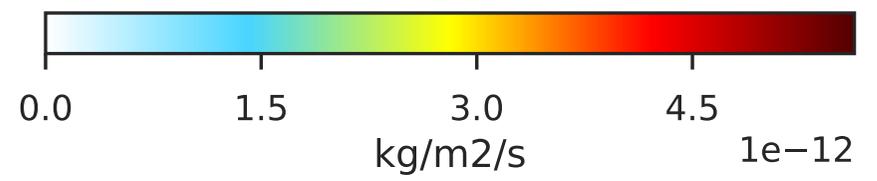
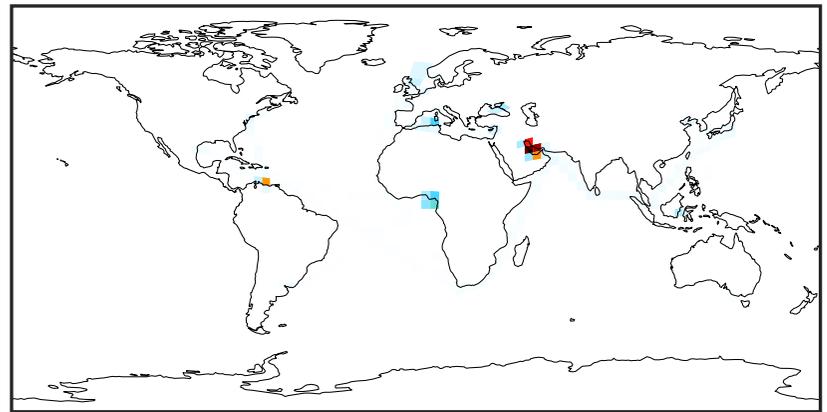


EmisC2H6_Ship

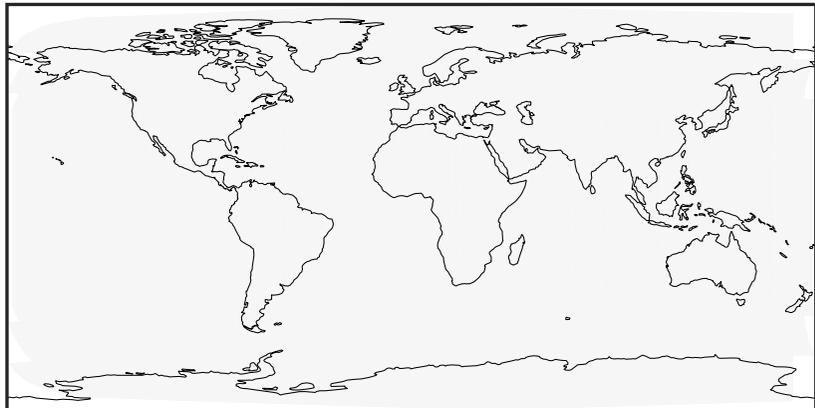
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

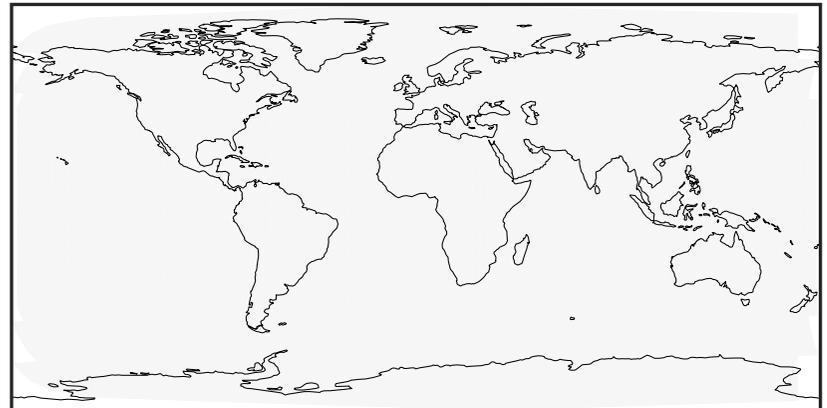


Difference
Dev - Ref, Dynamic Range



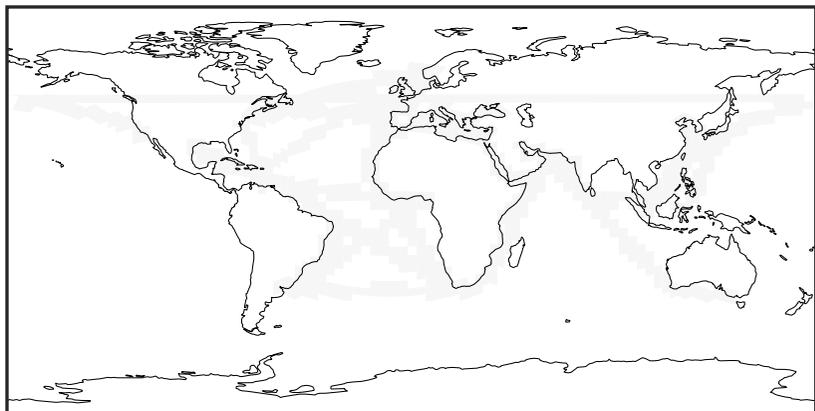
Zero throughout domain
kg/m2/s

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



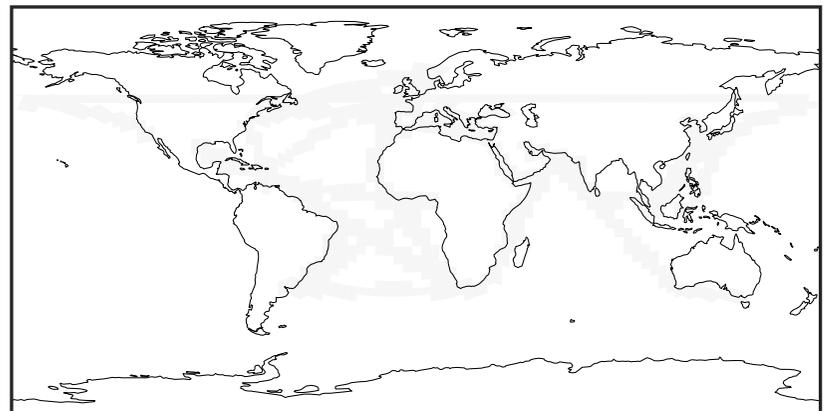
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

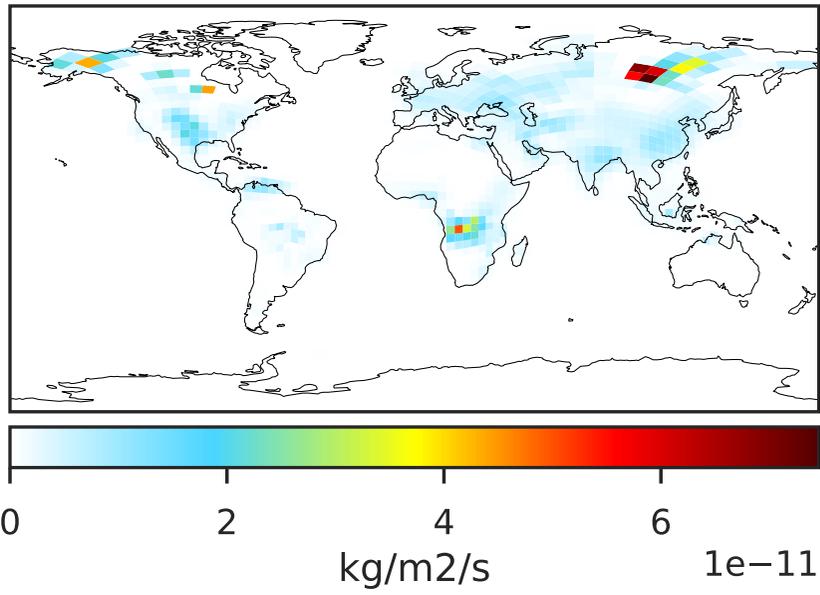
Ratio
Dev/Ref, Fixed Range



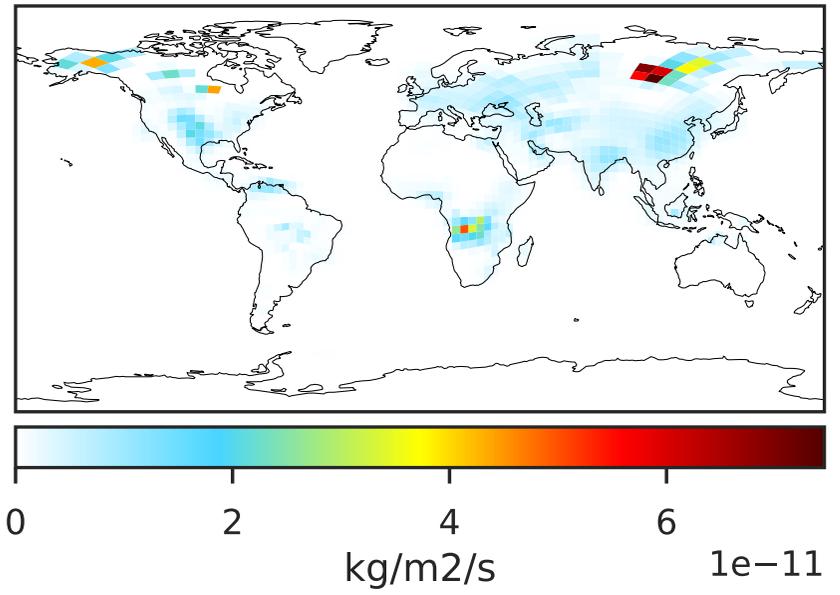
Ref and Dev equal throughout domain
unitless

EmisC2H6_Total

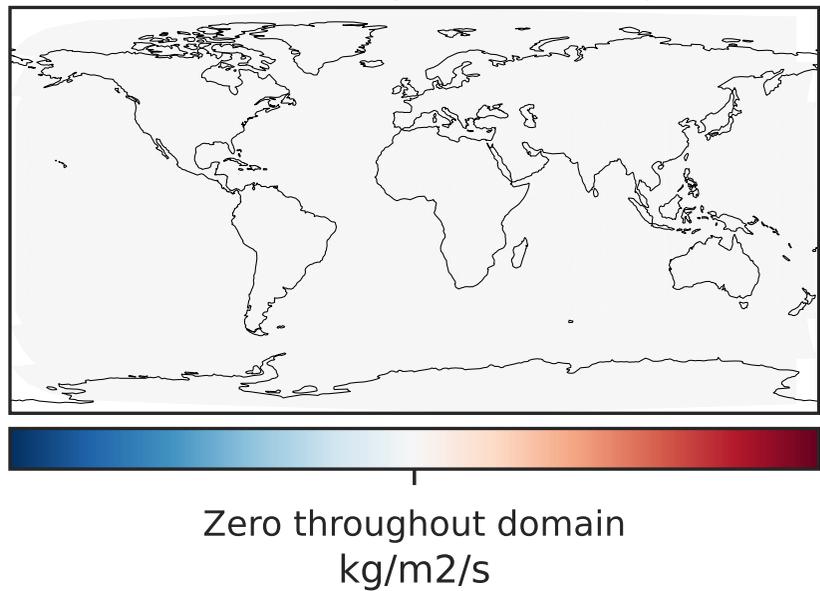
gchp-c24-1Mon-14.2.0 (Ref)
c24



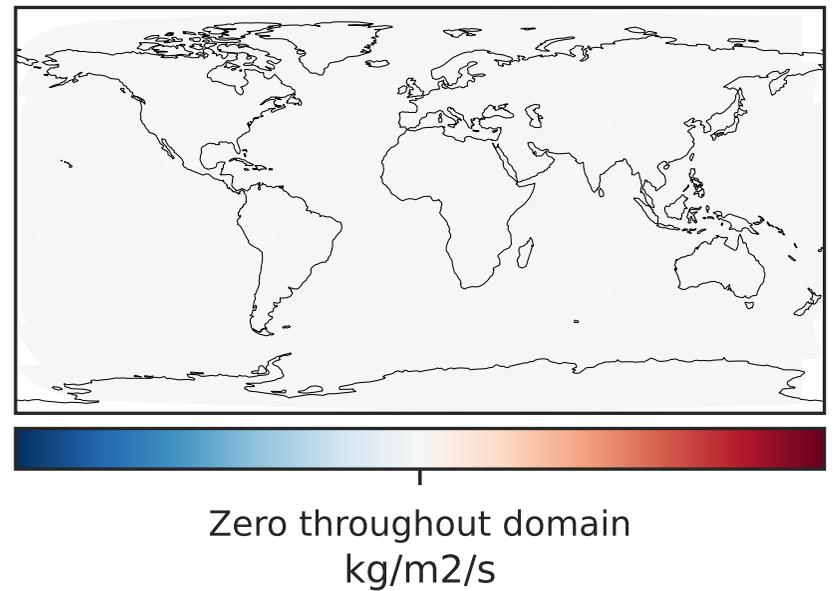
gchp-c24-1Mon-14.2.1 (Dev)
c24



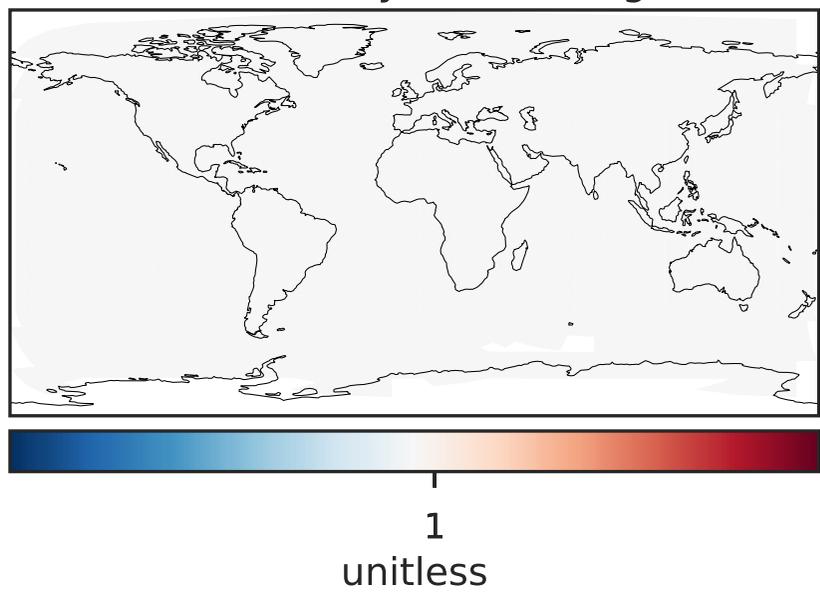
Difference
Dev - Ref, Dynamic Range



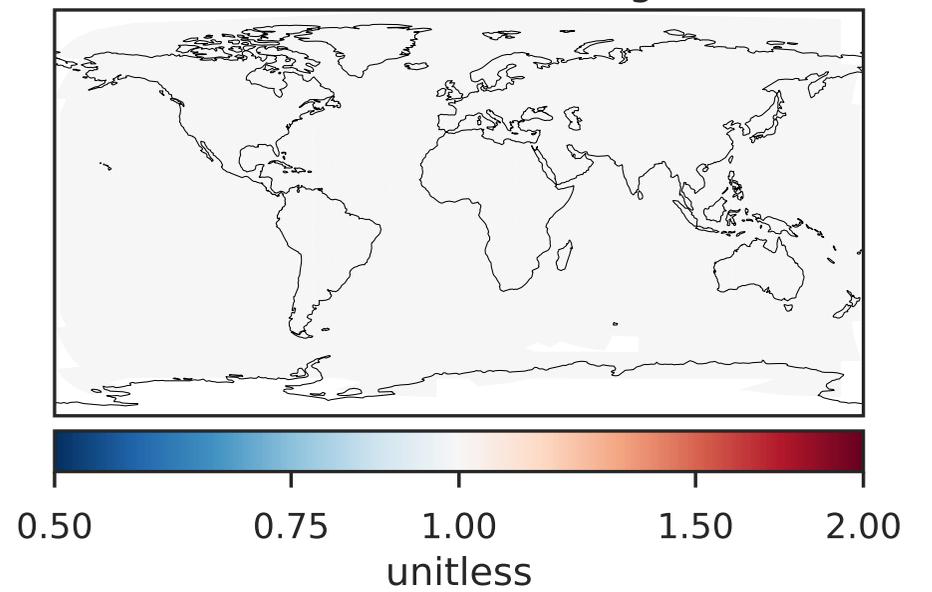
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

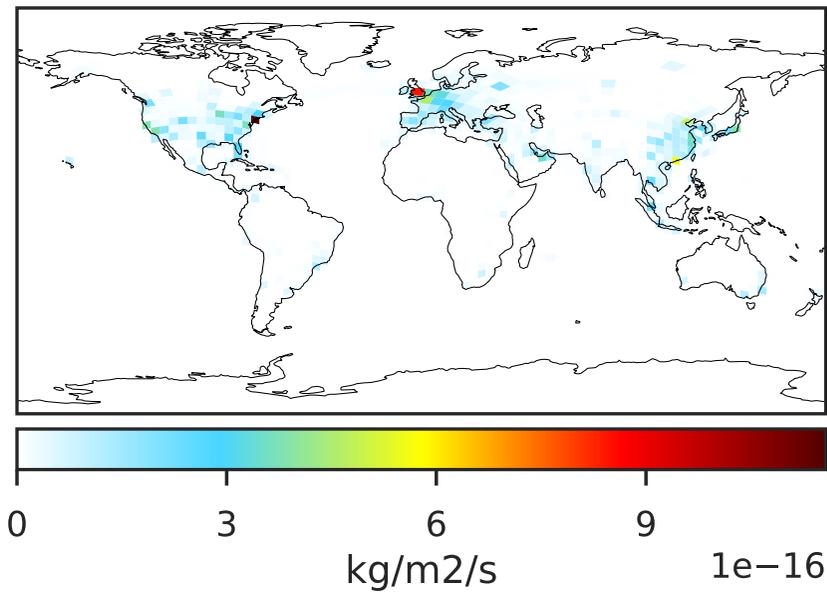


Ratio
Dev/Ref, Fixed Range

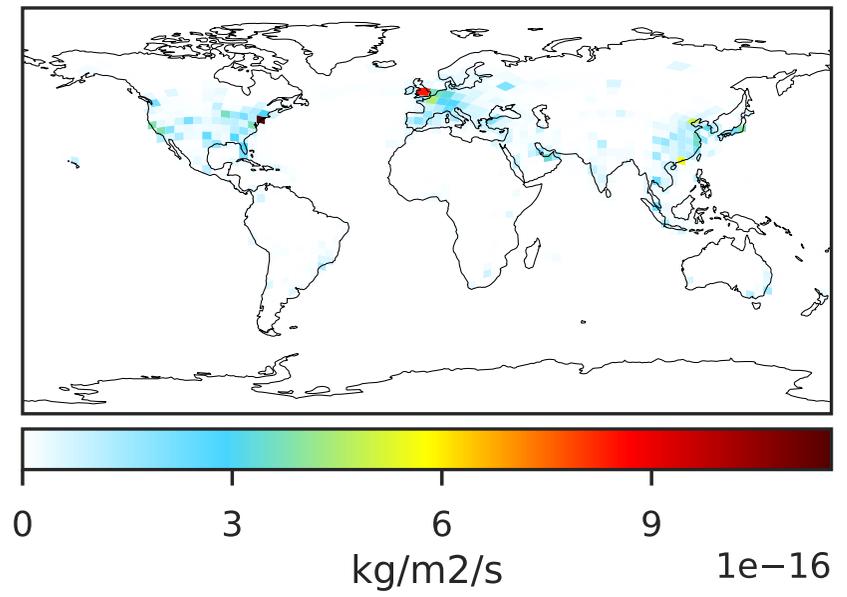


EmisC3H8_Aircraft

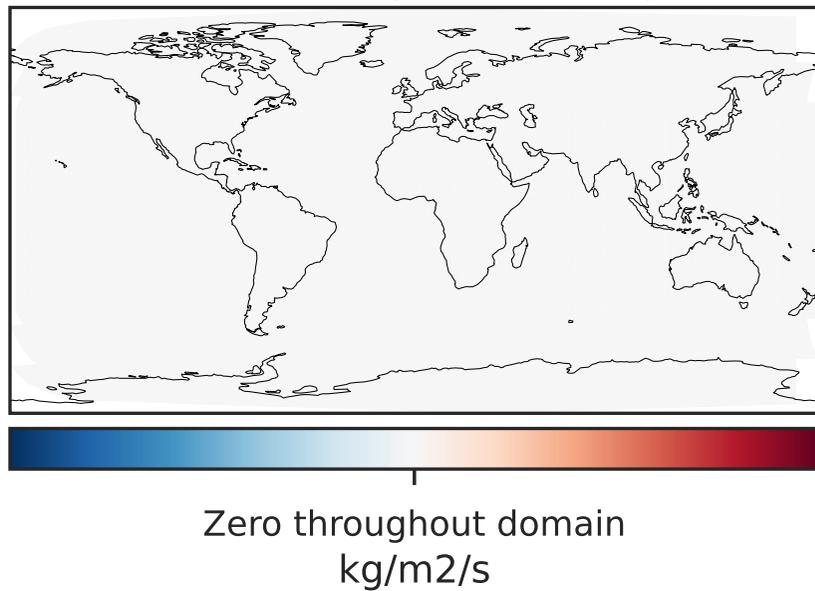
gchp-c24-1Mon-14.2.0 (Ref)
c24



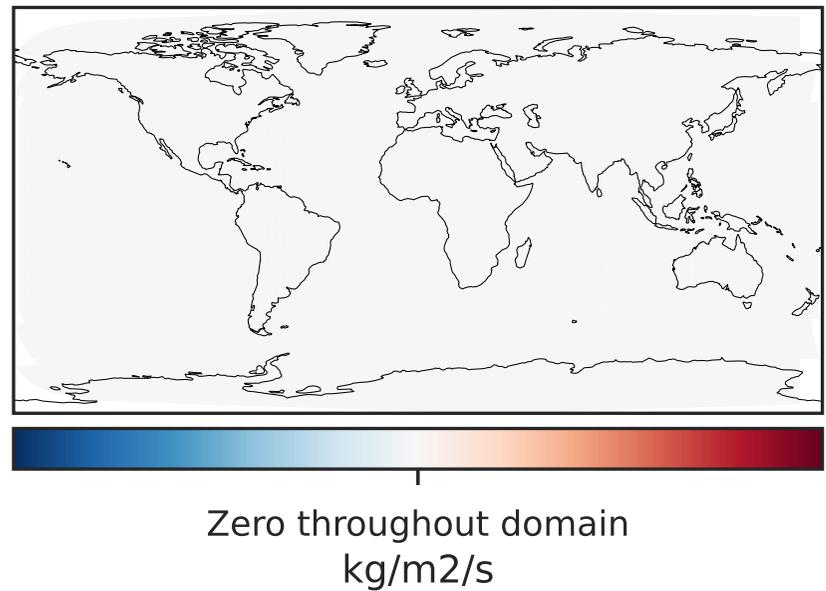
gchp-c24-1Mon-14.2.1 (Dev)
c24



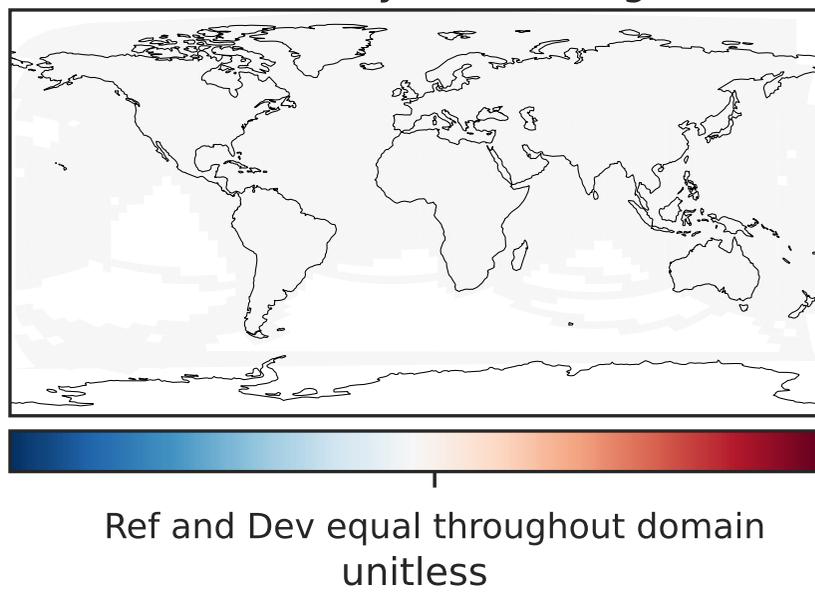
Difference
Dev - Ref, Dynamic Range



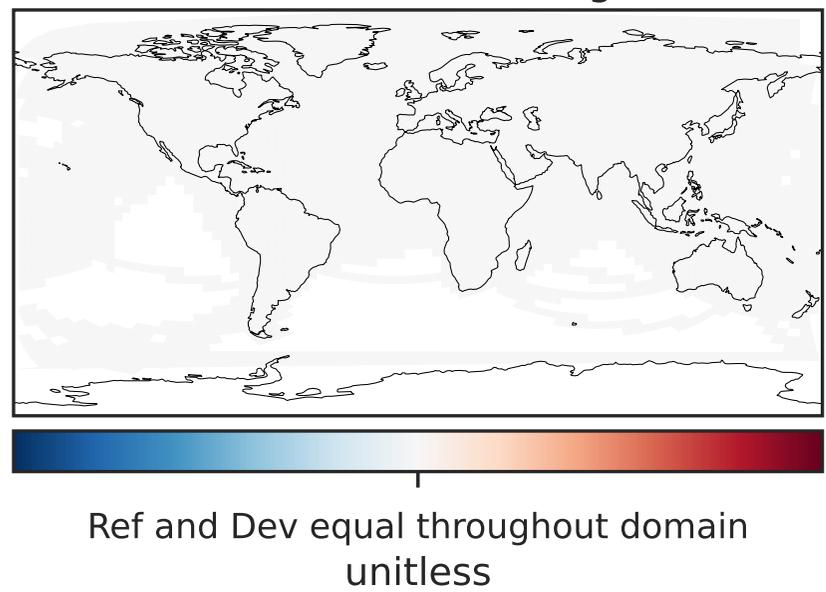
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

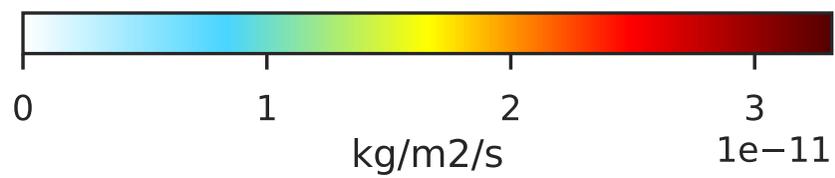
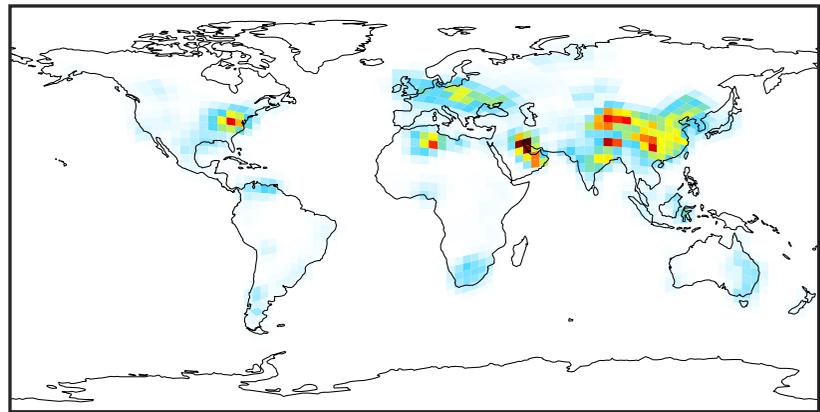


Ratio
Dev/Ref, Fixed Range

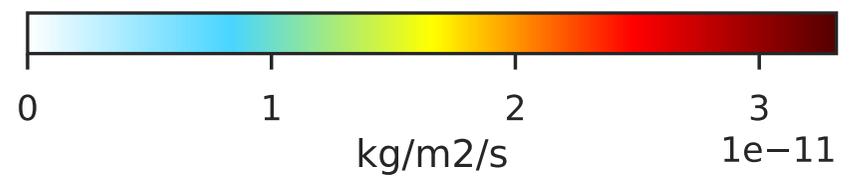
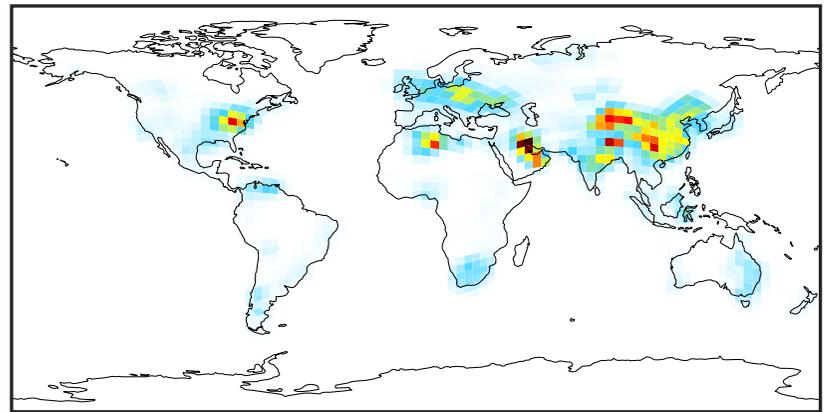


EmisC3H8_Anthro

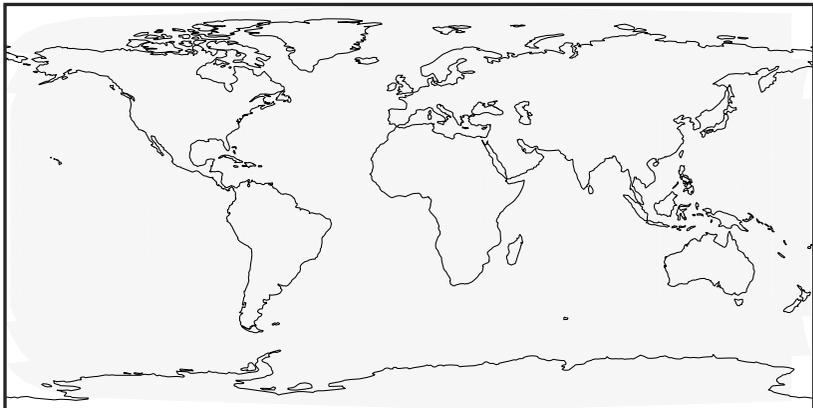
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

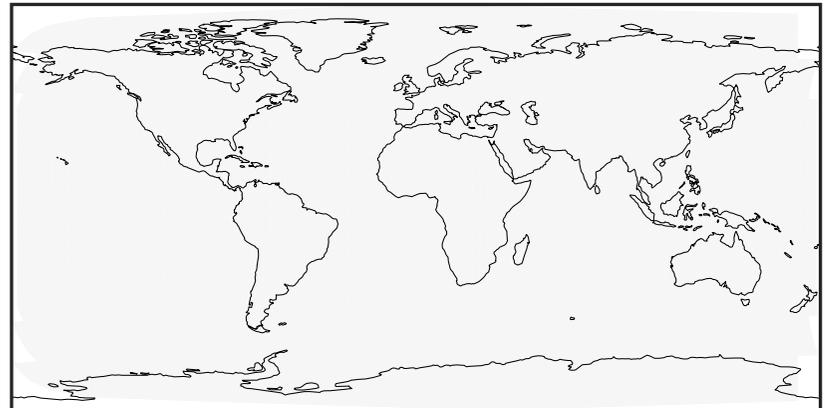


Difference
Dev - Ref, Dynamic Range



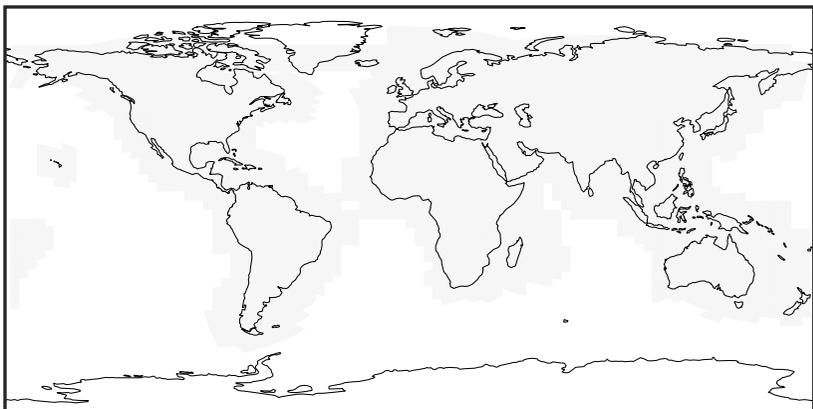
Zero throughout domain
kg/m2/s

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



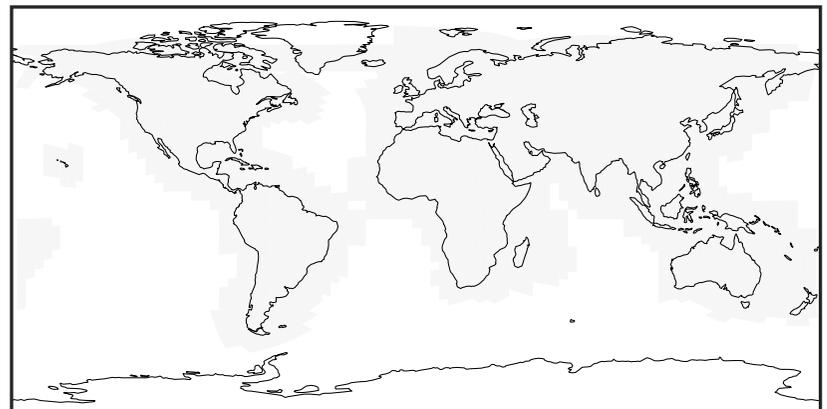
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

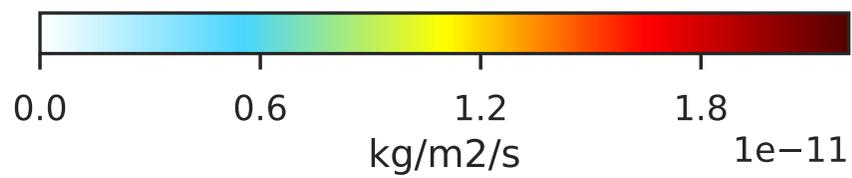
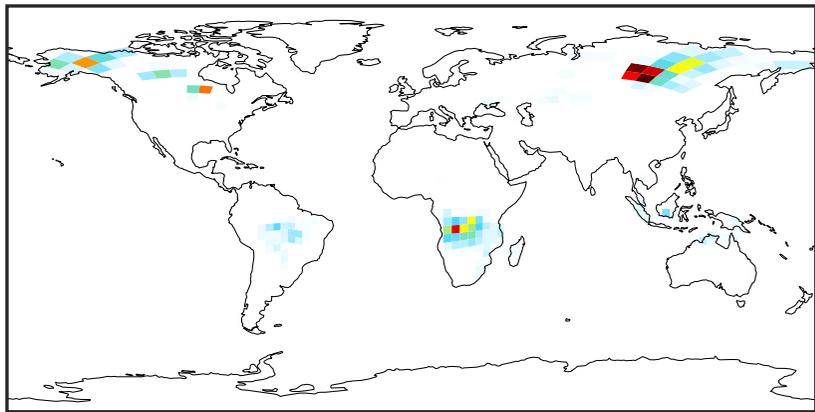
Ratio
Dev/Ref, Fixed Range



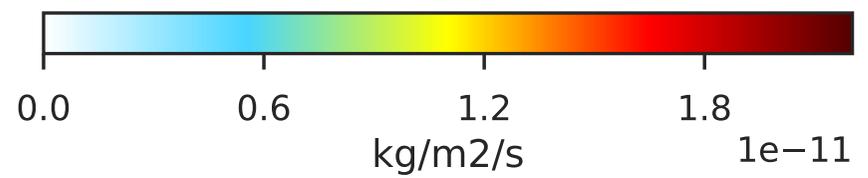
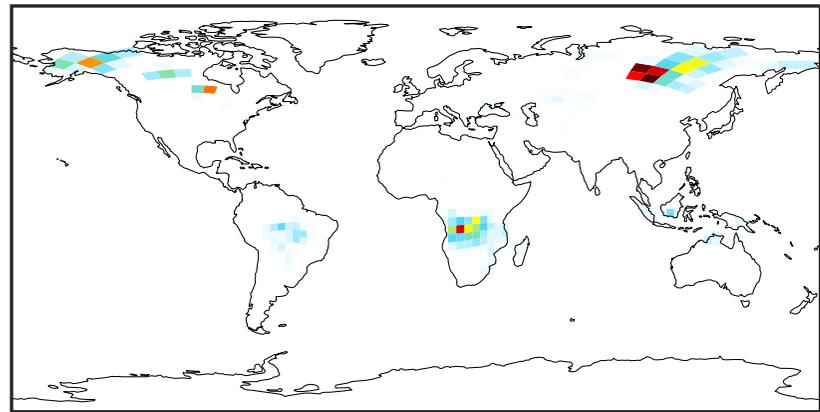
Ref and Dev equal throughout domain
unitless

EmisC3H8_BioBurn

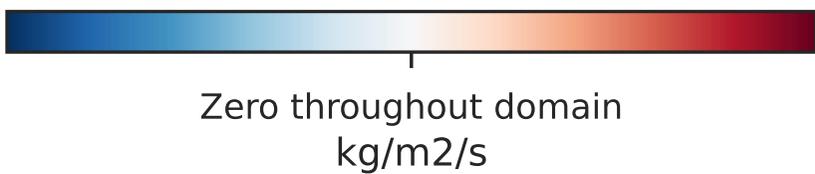
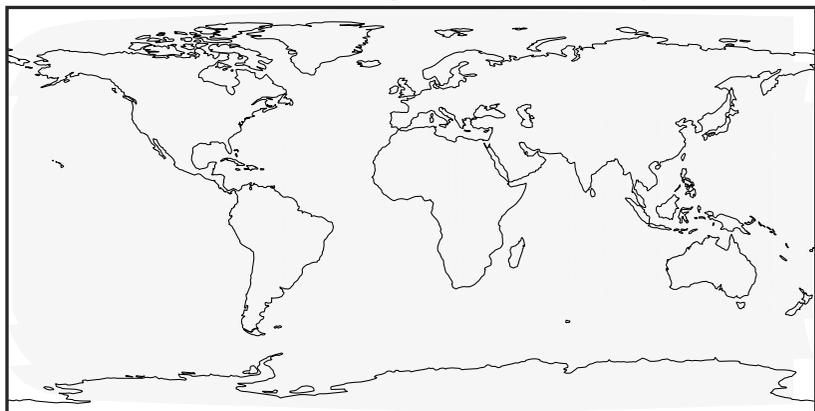
gchp-c24-1Mon-14.2.0 (Ref)
c24



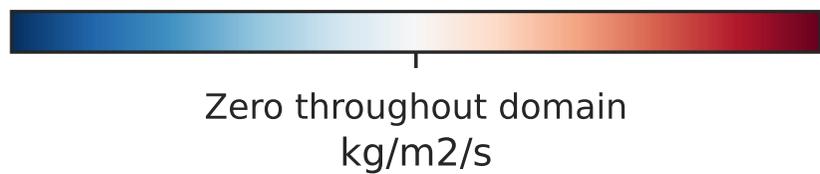
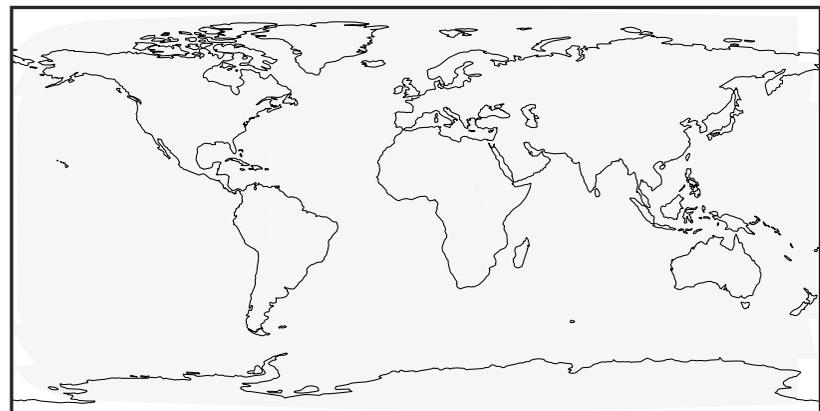
gchp-c24-1Mon-14.2.1 (Dev)
c24



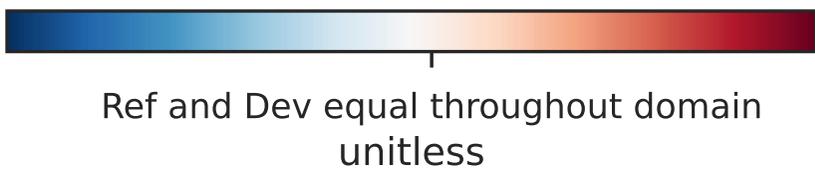
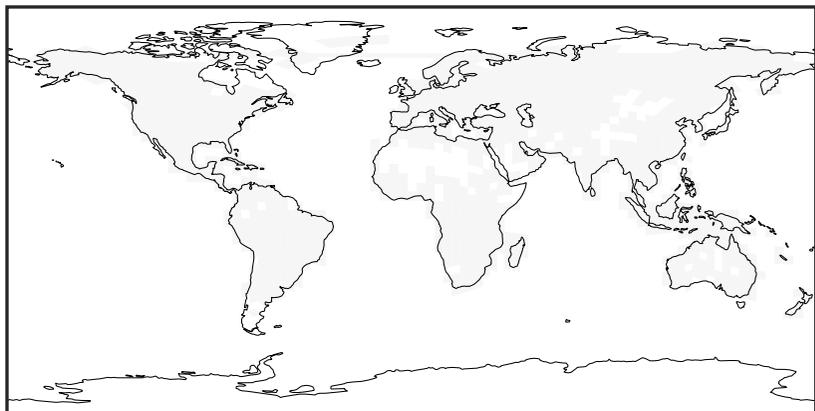
Difference
Dev - Ref, Dynamic Range



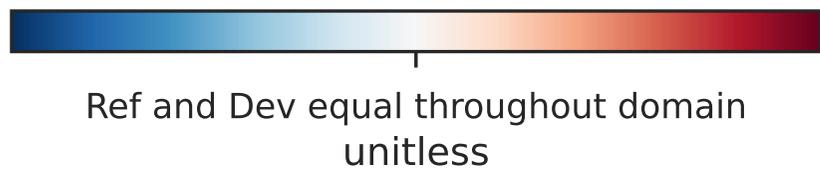
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

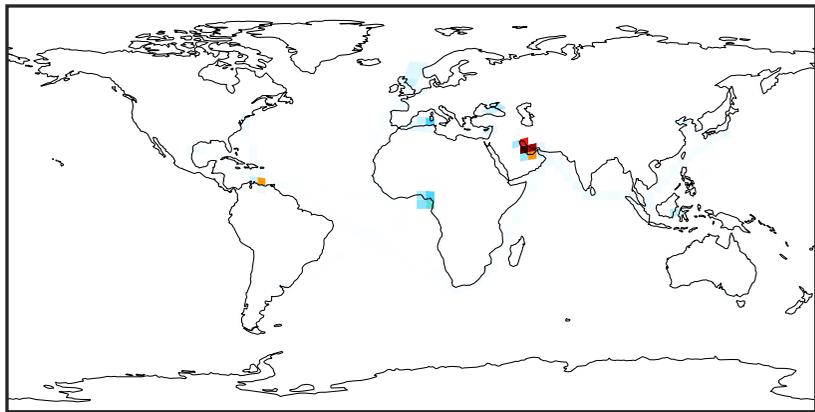


Ratio
Dev/Ref, Fixed Range



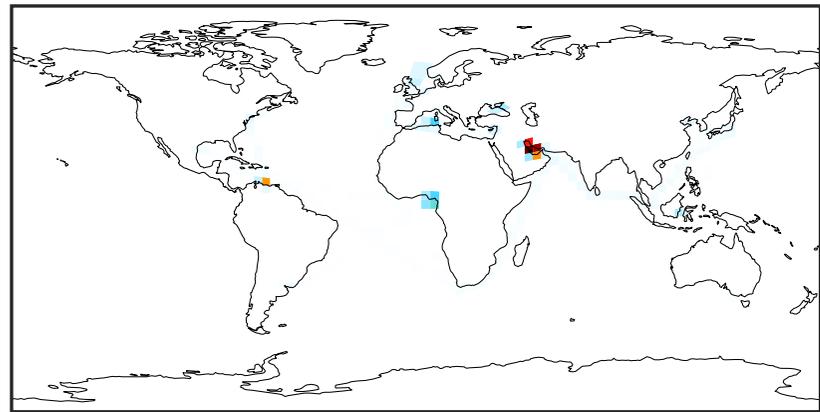
EmisC3H8_Ship

gchp-c24-1Mon-14.2.0 (Ref)
c24



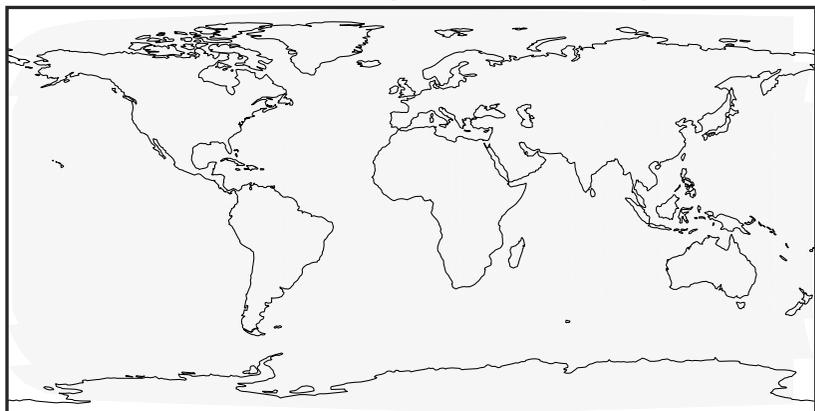
0.0 0.4 0.8 1.2 $1e-11$
kg/m²/s

gchp-c24-1Mon-14.2.1 (Dev)
c24



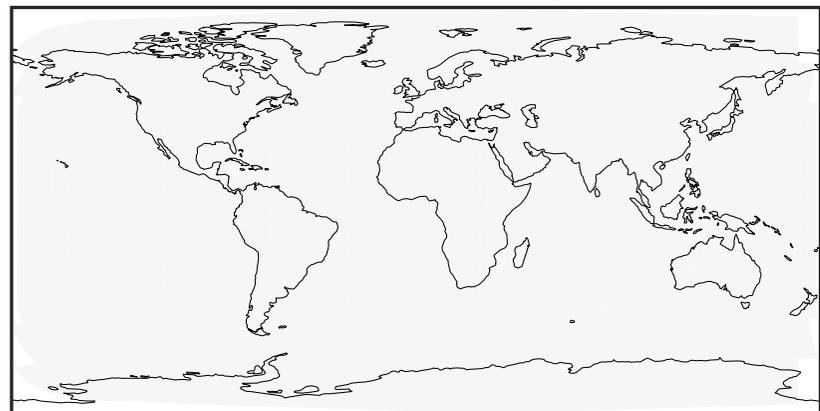
0.0 0.4 0.8 1.2 $1e-11$
kg/m²/s

Difference
Dev - Ref, Dynamic Range



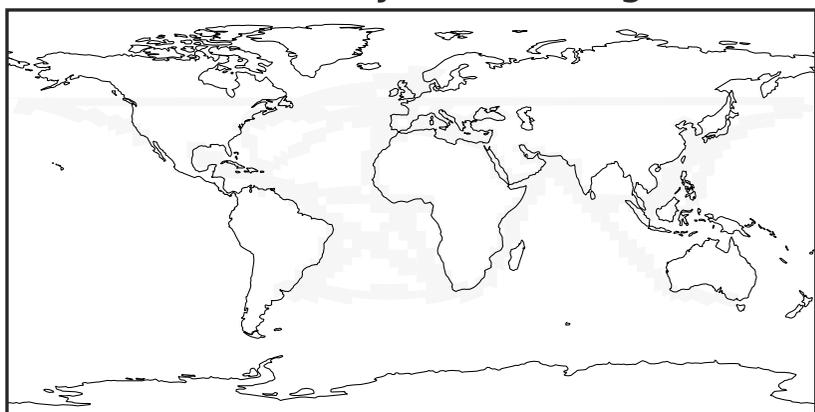
Zero throughout domain
kg/m²/s

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



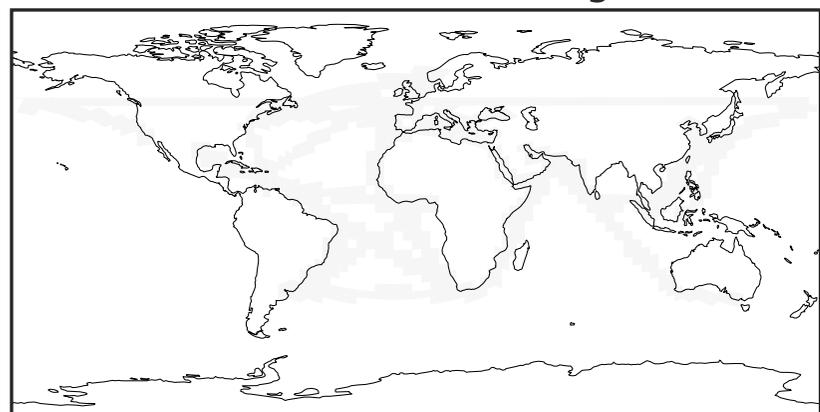
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

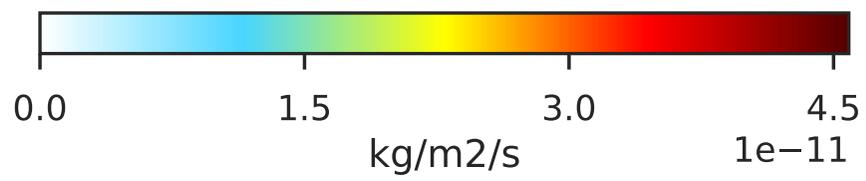
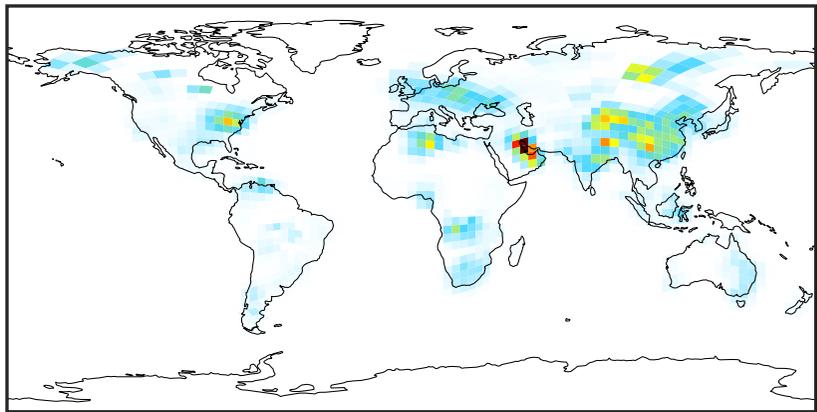
Ratio
Dev/Ref, Fixed Range



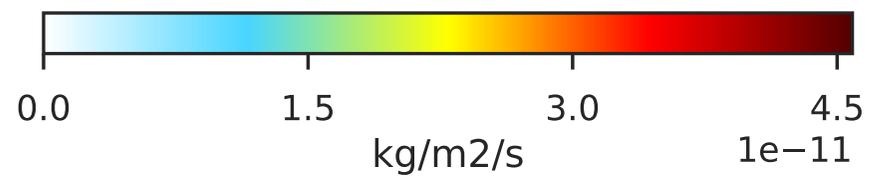
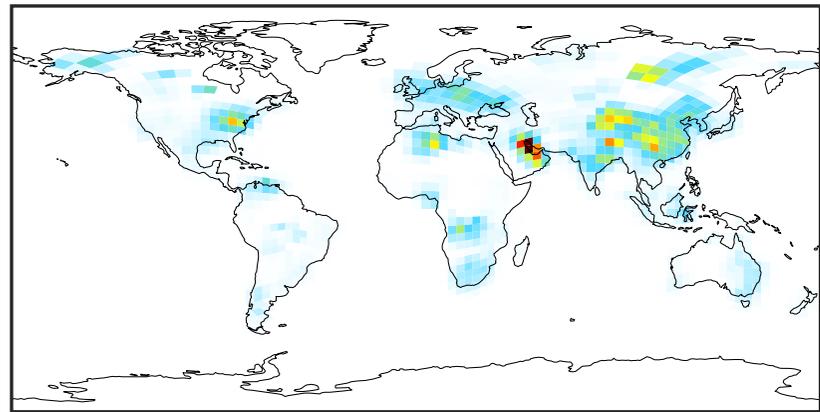
Ref and Dev equal throughout domain
unitless

EmisC3H8_Total

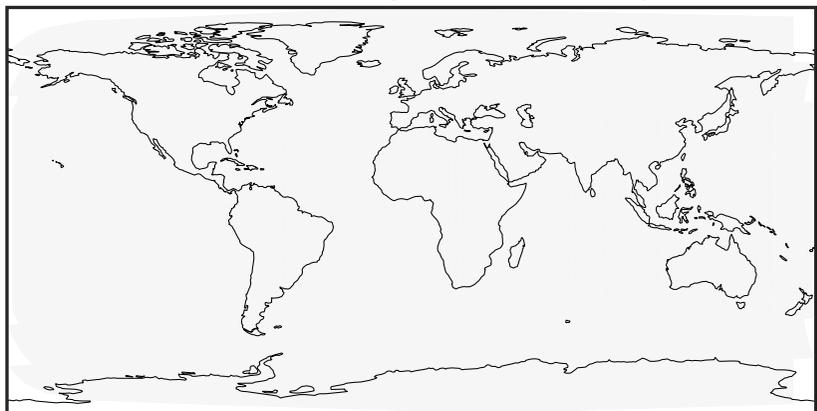
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

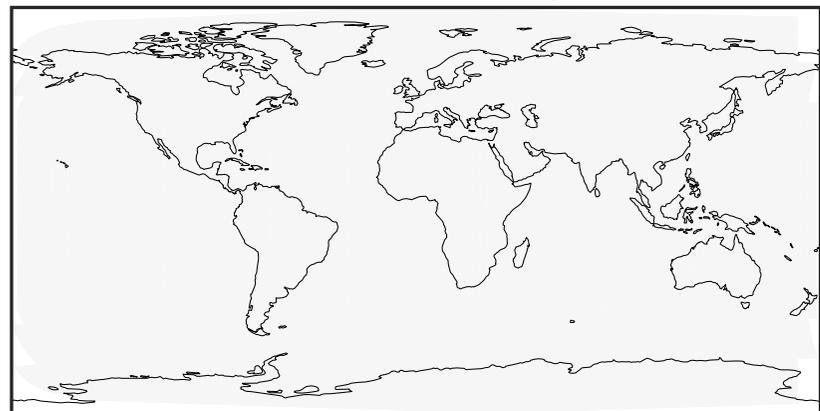


Difference
Dev - Ref, Dynamic Range



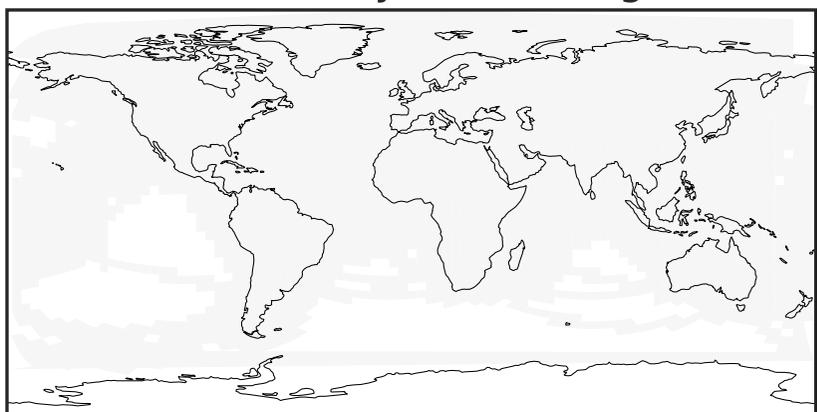
Zero throughout domain
kg/m2/s

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



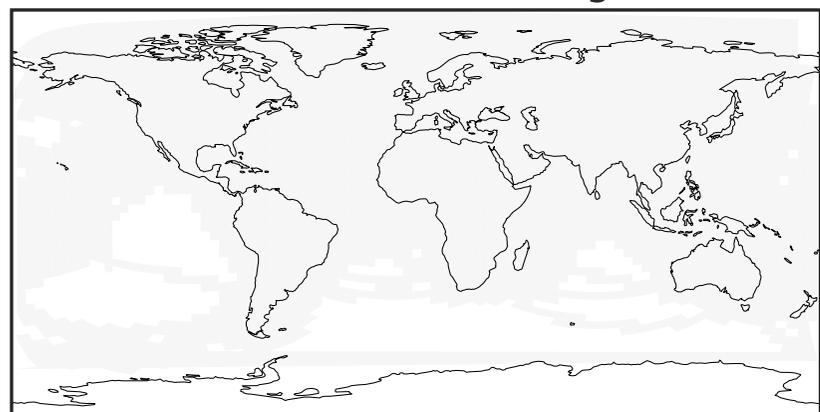
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



1
unitless

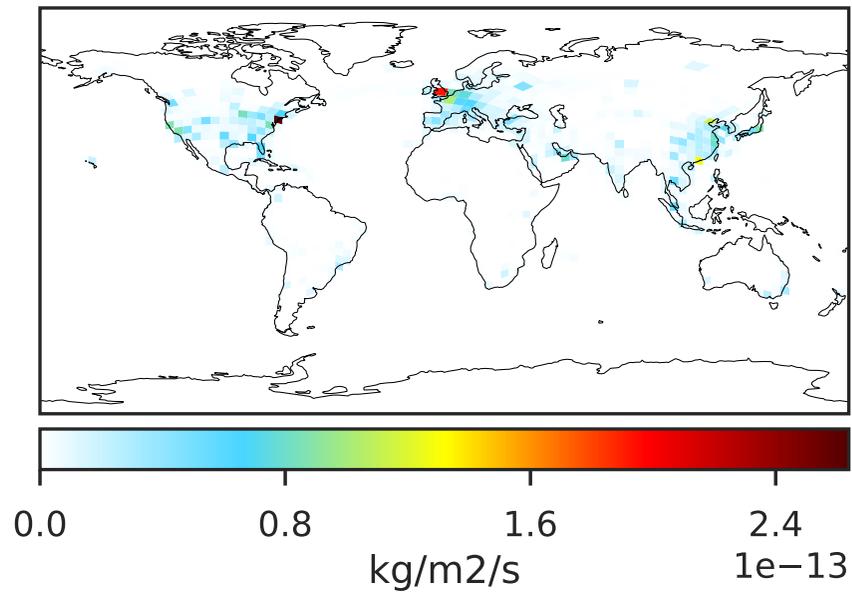
Ratio
Dev/Ref, Fixed Range



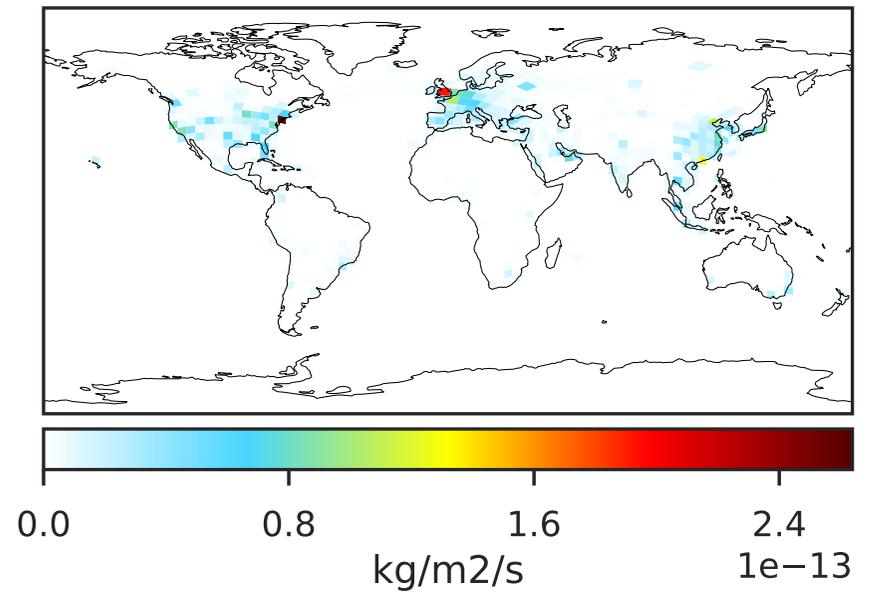
0.50 0.75 1.00 1.50 2.00
unitless

EmisPRPE_Aircraft

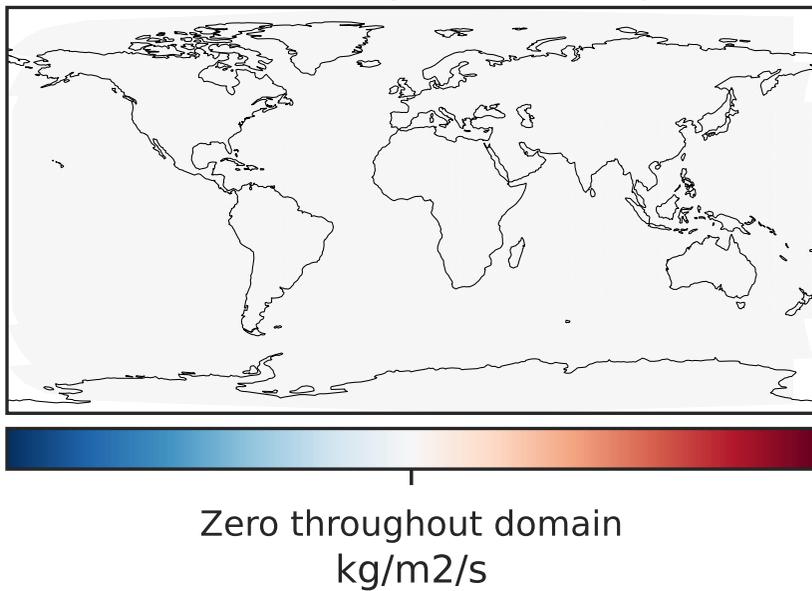
gchp-c24-1Mon-14.2.0 (Ref)
c24



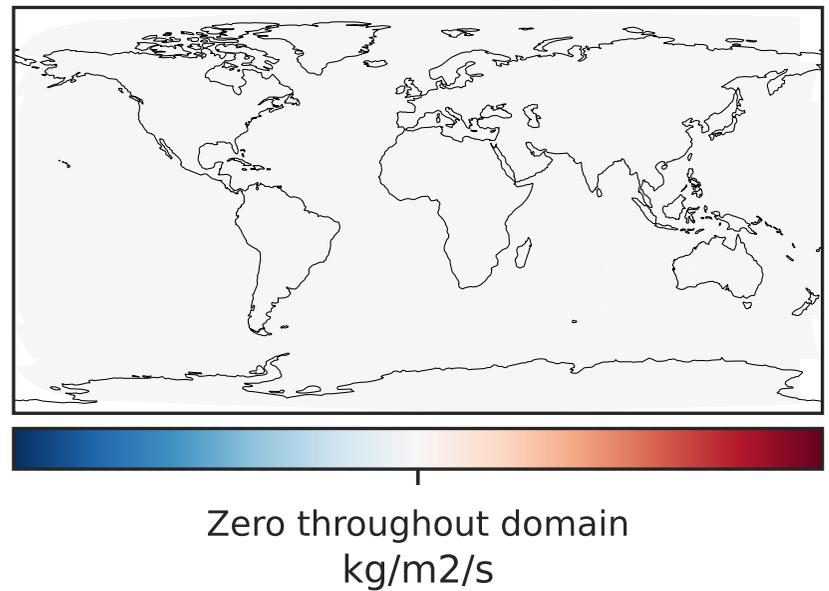
gchp-c24-1Mon-14.2.1 (Dev)
c24



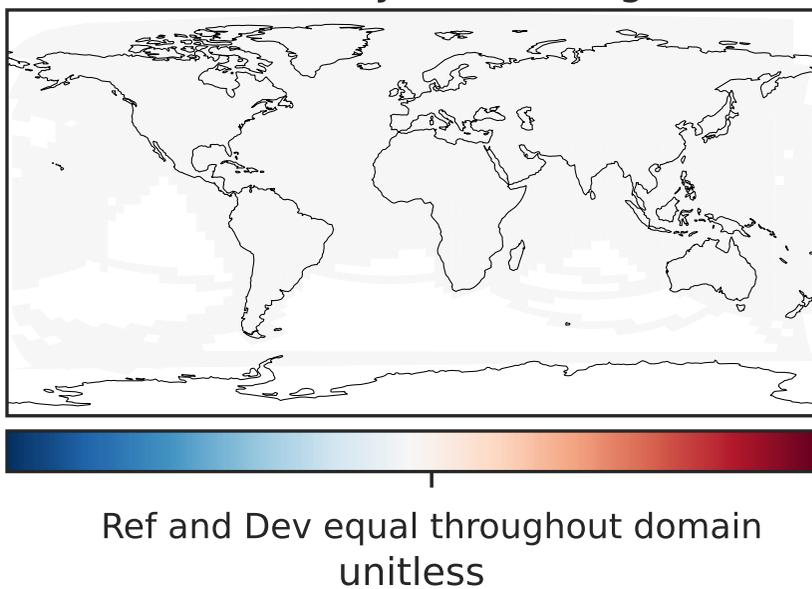
Difference
Dev - Ref, Dynamic Range



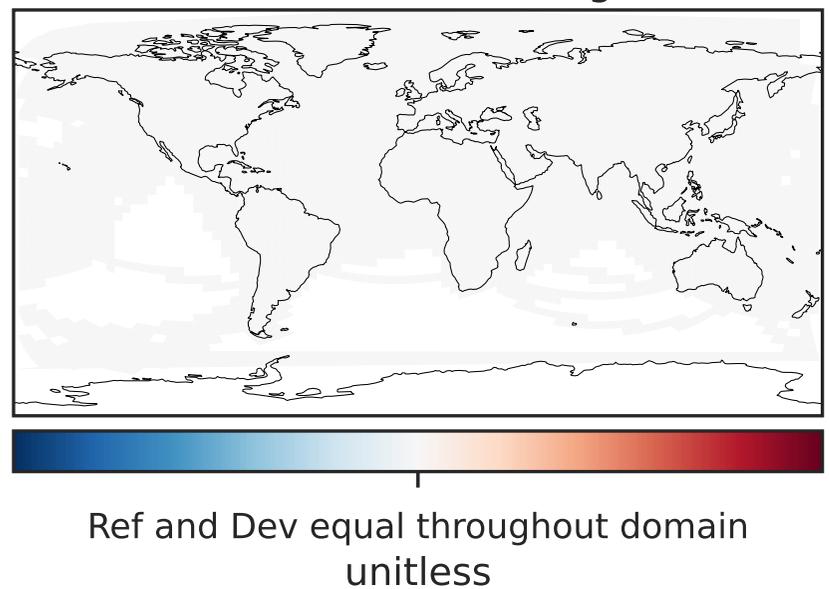
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

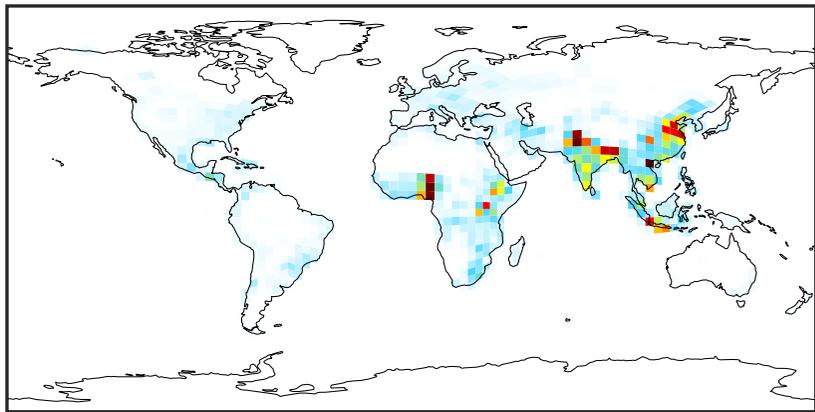


Ratio
Dev/Ref, Fixed Range



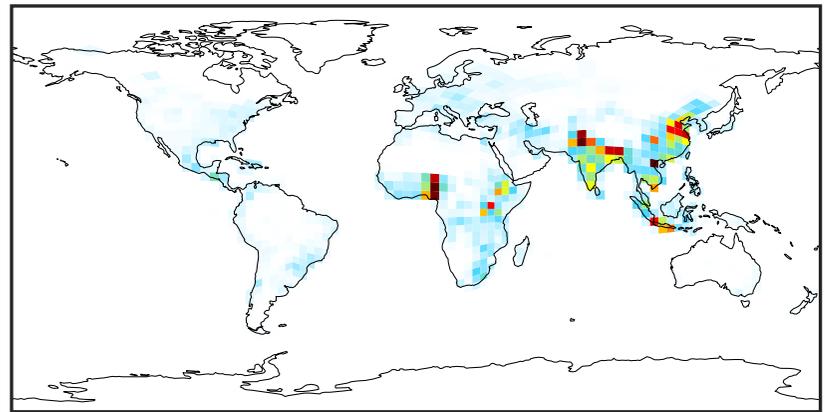
EmisPRPE_Anthro

gchp-c24-1Mon-14.2.0 (Ref)
c24



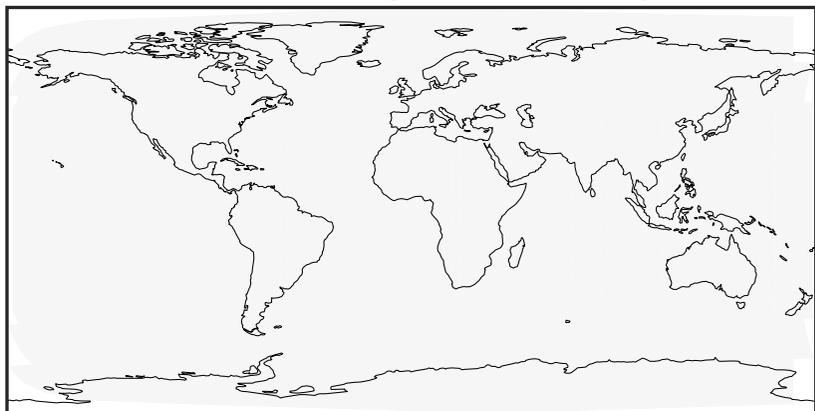
0.0 2.5 5.0 7.5
kg/m²/s 1e-12

gchp-c24-1Mon-14.2.1 (Dev)
c24



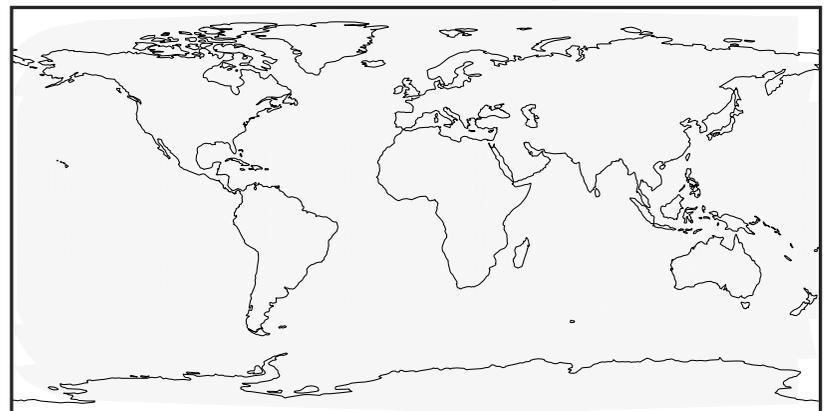
0.0 2.5 5.0 7.5
kg/m²/s 1e-12

Difference
Dev - Ref, Dynamic Range



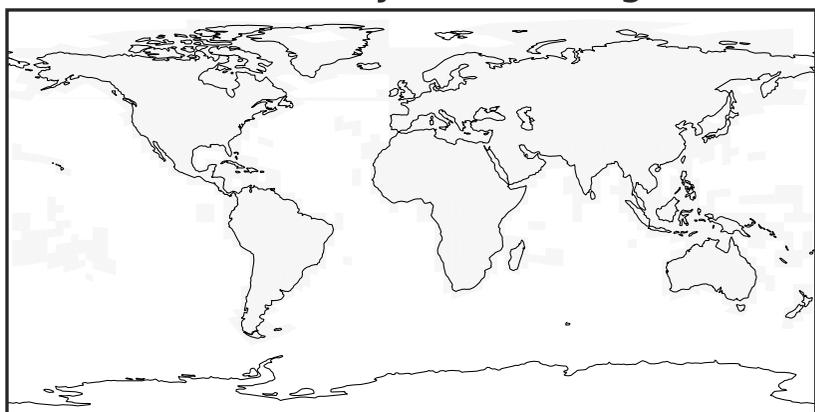
Zero throughout domain
kg/m²/s

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



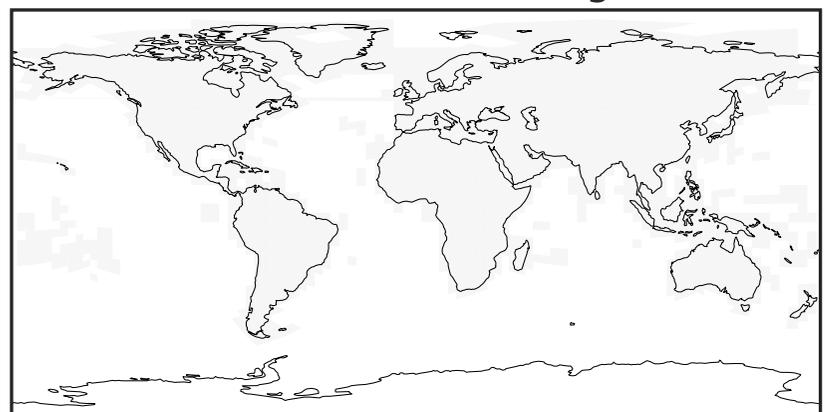
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

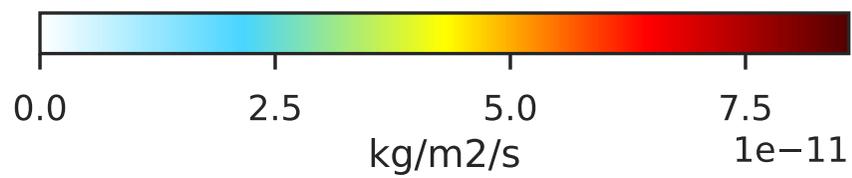
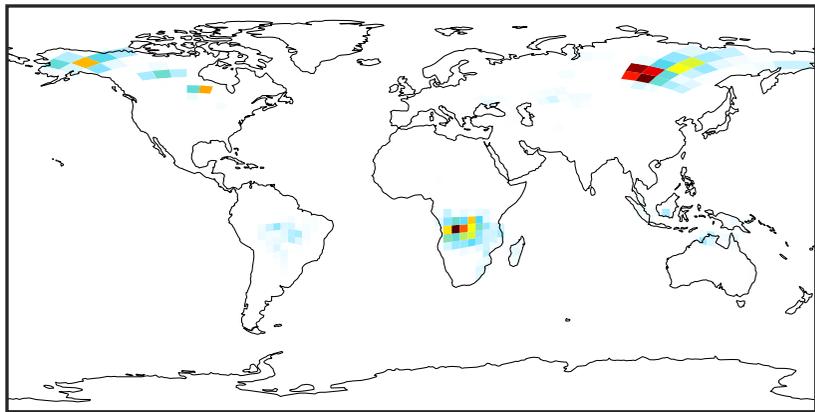
Ratio
Dev/Ref, Fixed Range



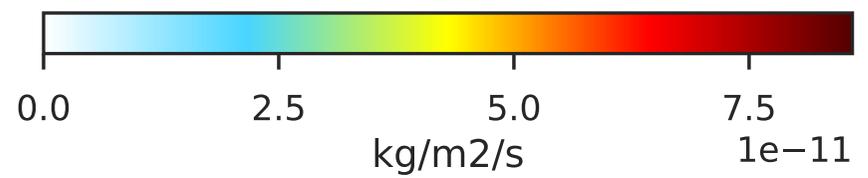
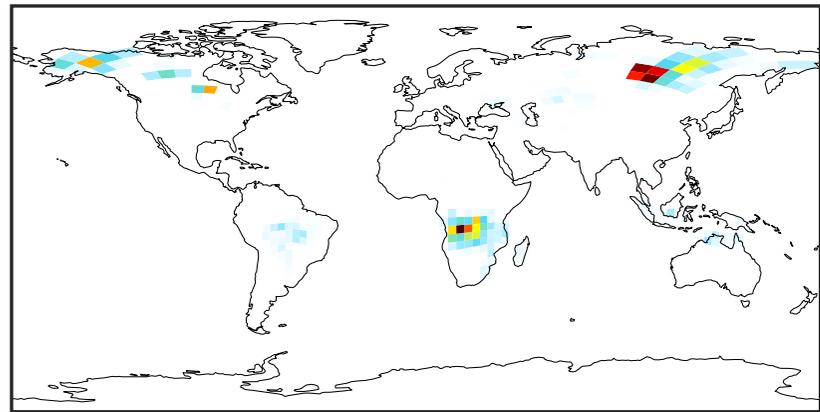
Ref and Dev equal throughout domain
unitless

EmisPRPE_BioBurn

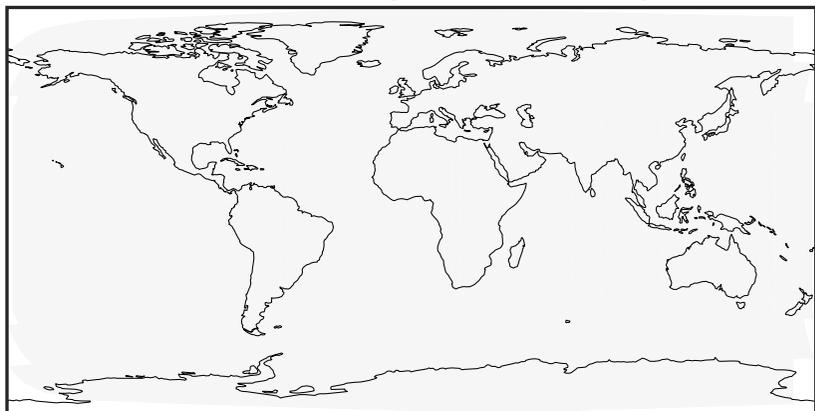
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

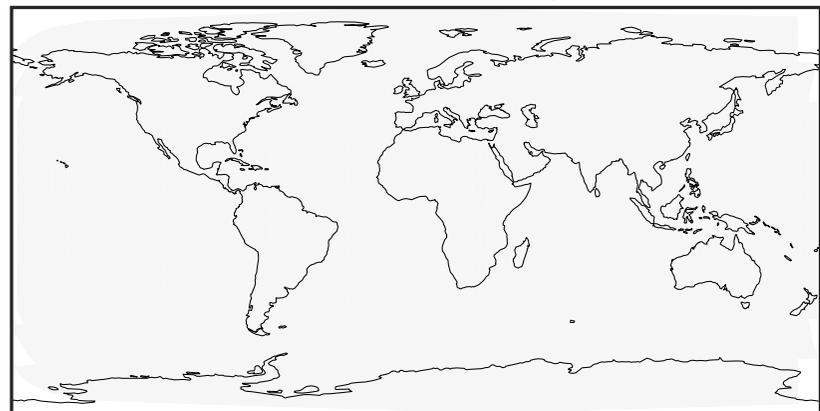


Difference
Dev - Ref, Dynamic Range



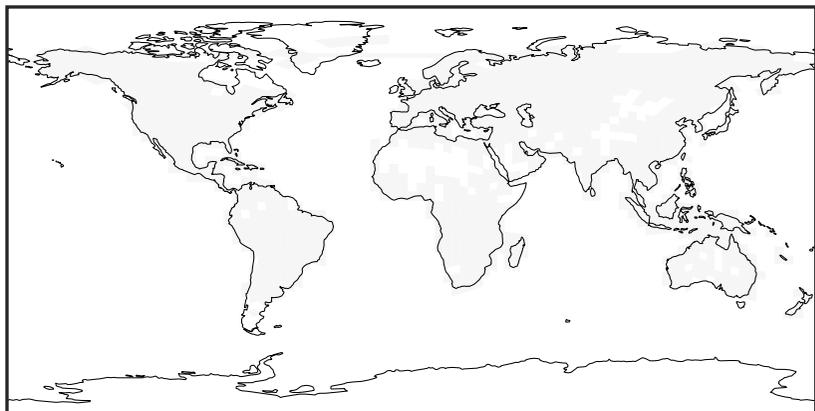
Zero throughout domain
kg/m2/s

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



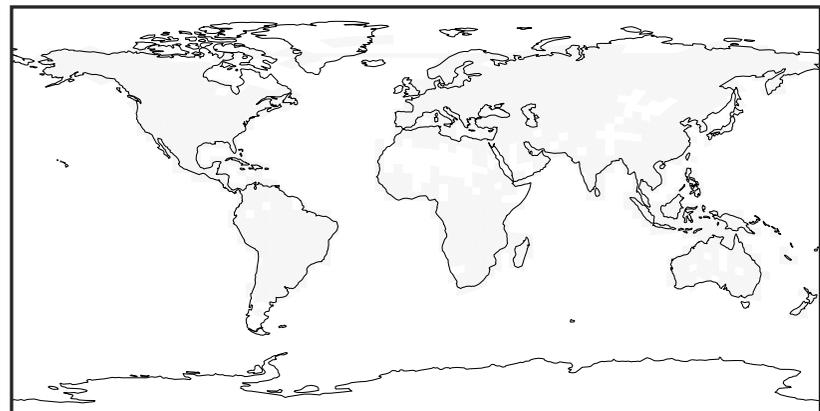
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

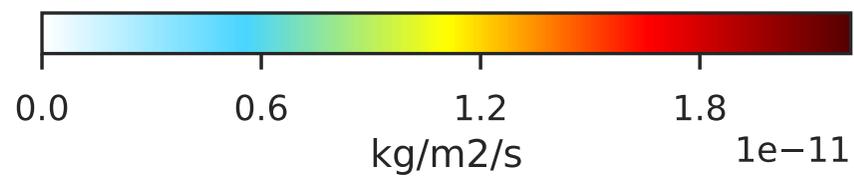
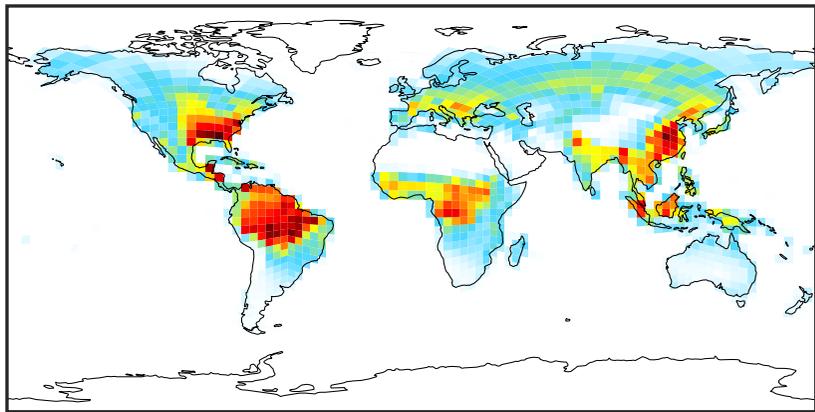
Ratio
Dev/Ref, Fixed Range



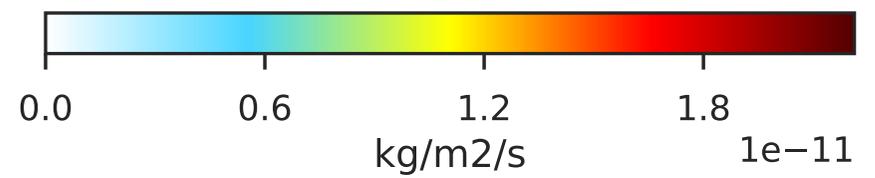
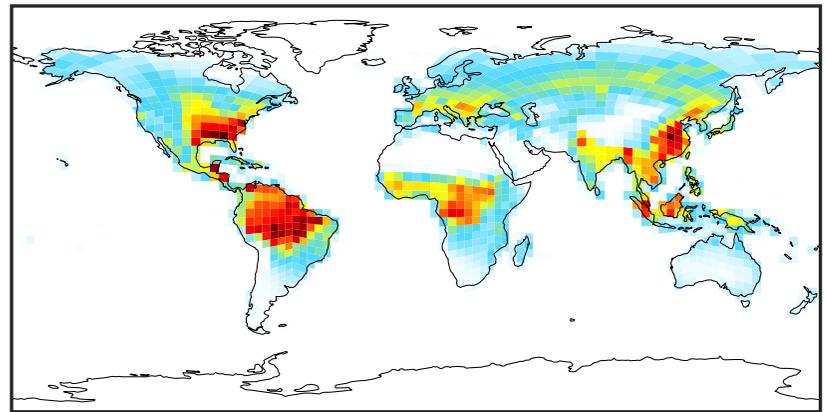
Ref and Dev equal throughout domain
unitless

EmisPRPE_Biogenic

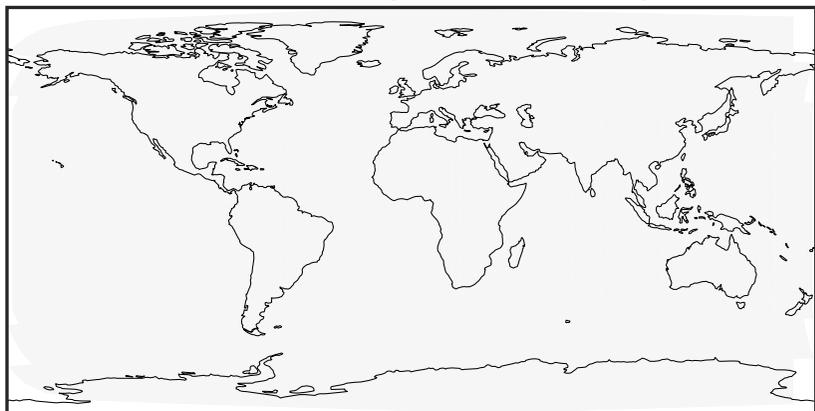
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

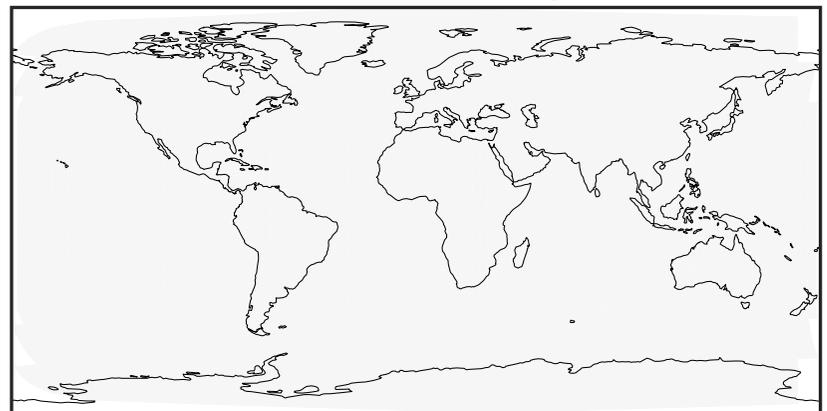


Difference
Dev - Ref, Dynamic Range



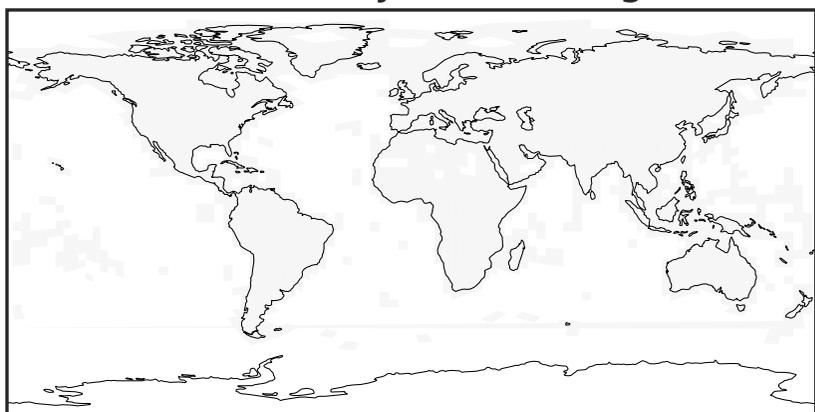
Zero throughout domain
kg/m2/s

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



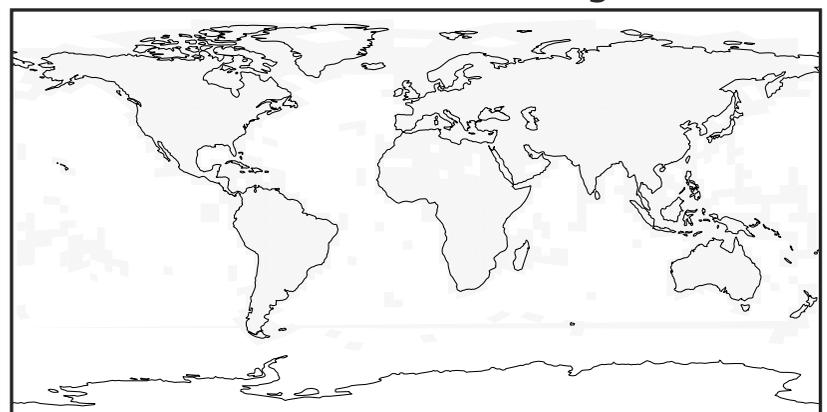
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

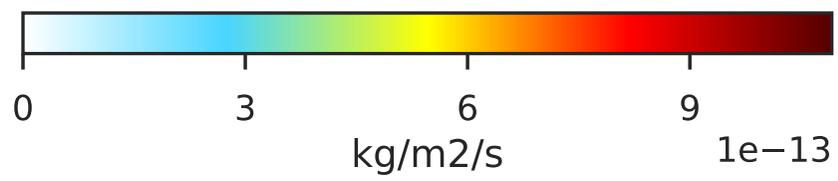
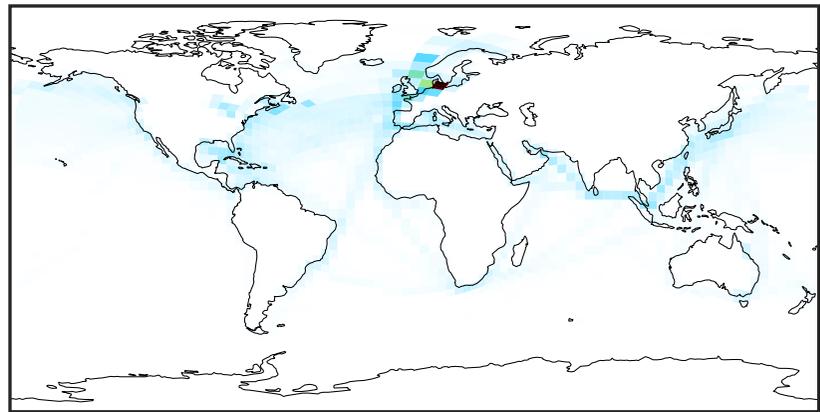
Ratio
Dev/Ref, Fixed Range



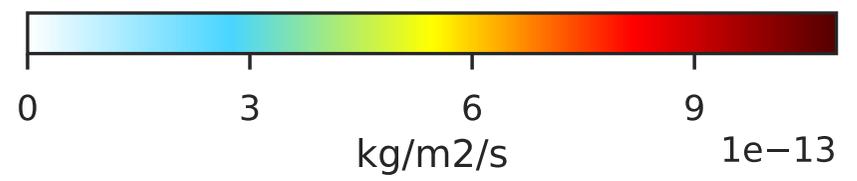
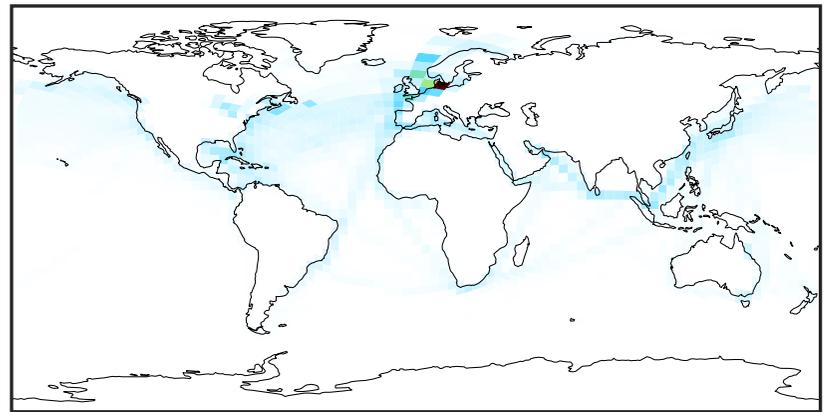
Ref and Dev equal throughout domain
unitless

EmisPRPE_Ship

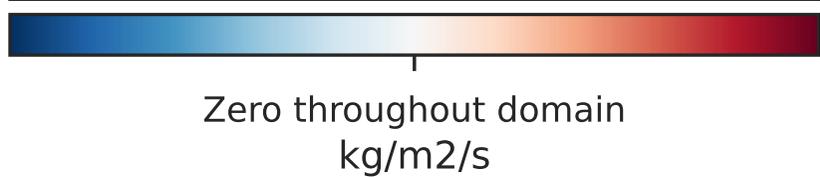
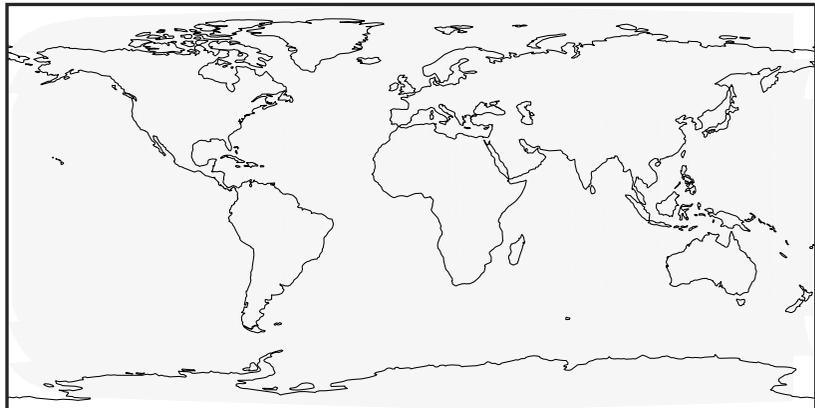
gchp-c24-1Mon-14.2.0 (Ref)
c24



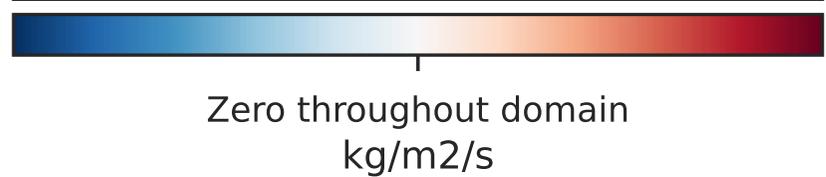
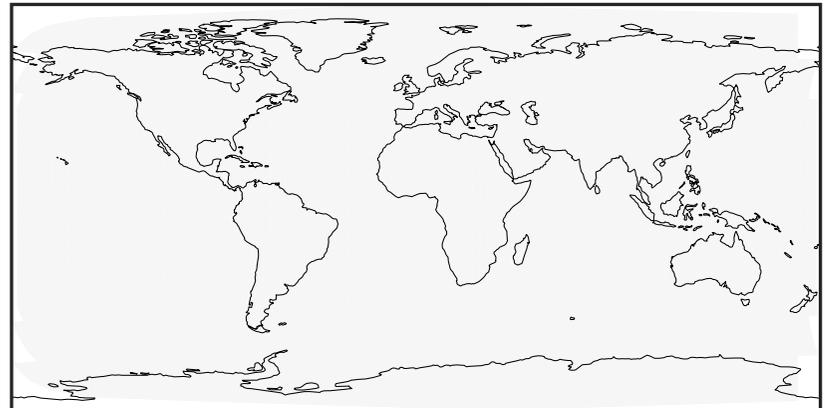
gchp-c24-1Mon-14.2.1 (Dev)
c24



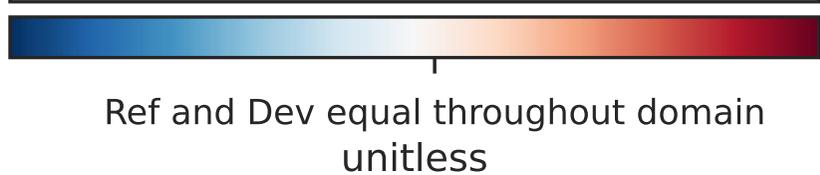
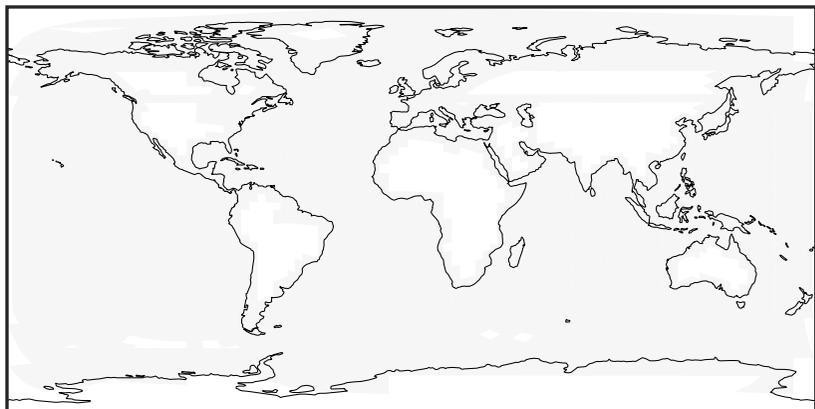
Difference
Dev - Ref, Dynamic Range



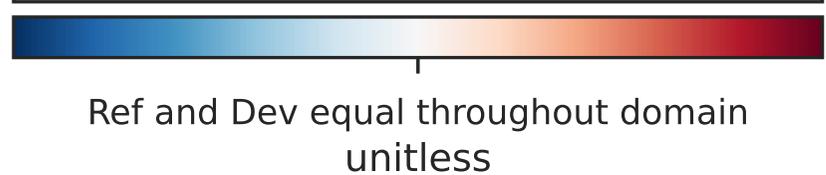
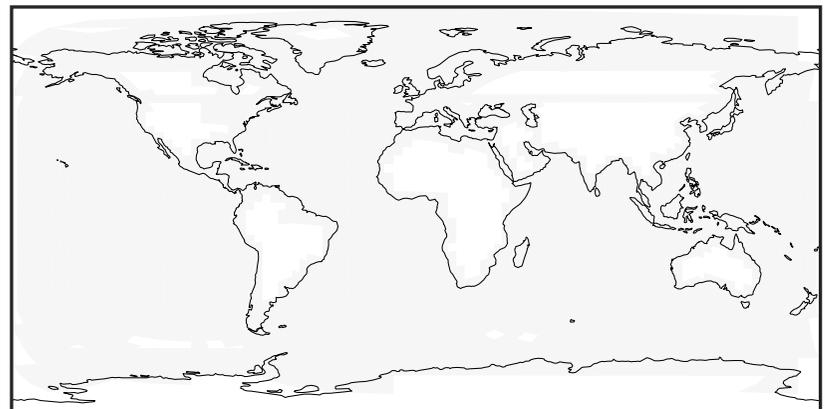
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

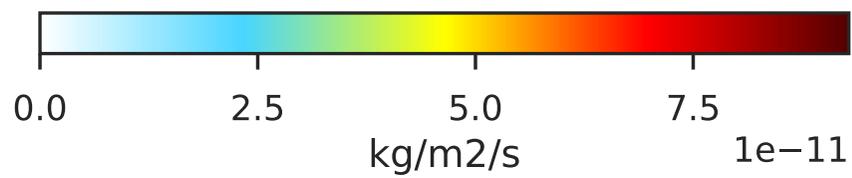
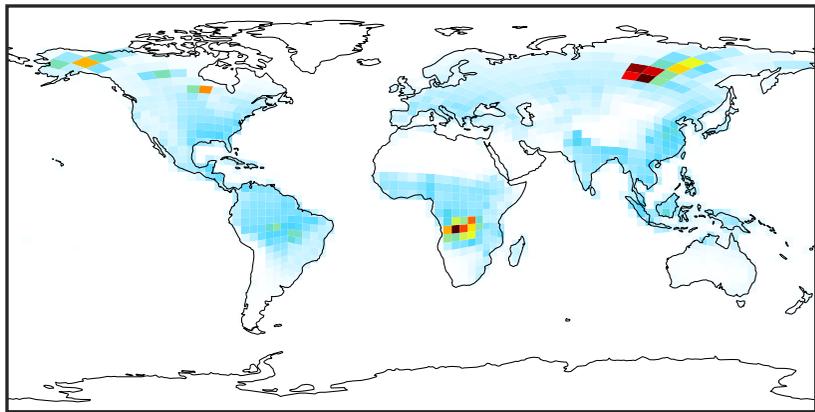


Ratio
Dev/Ref, Fixed Range

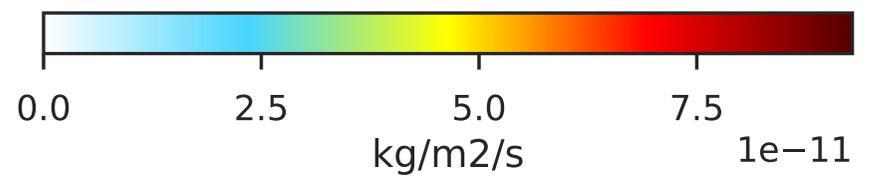
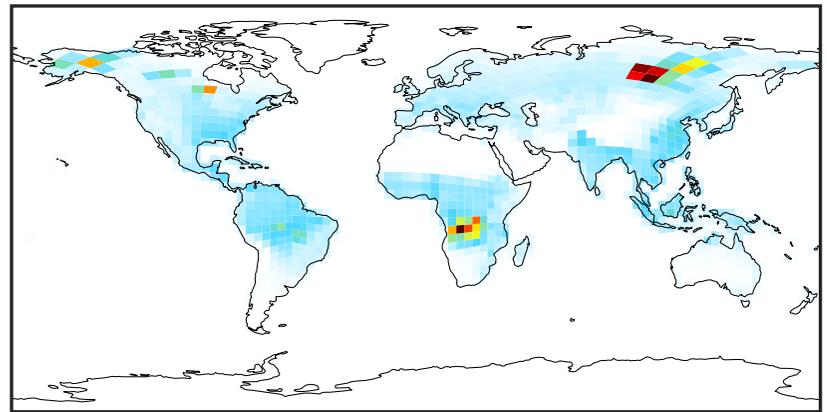


EmisPRPE_Total

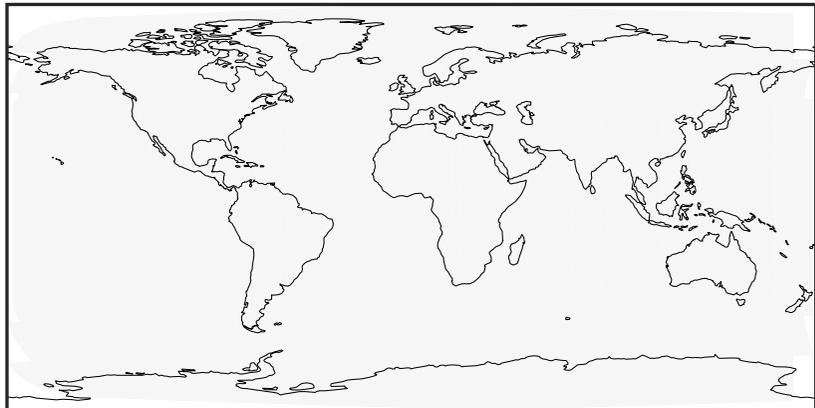
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

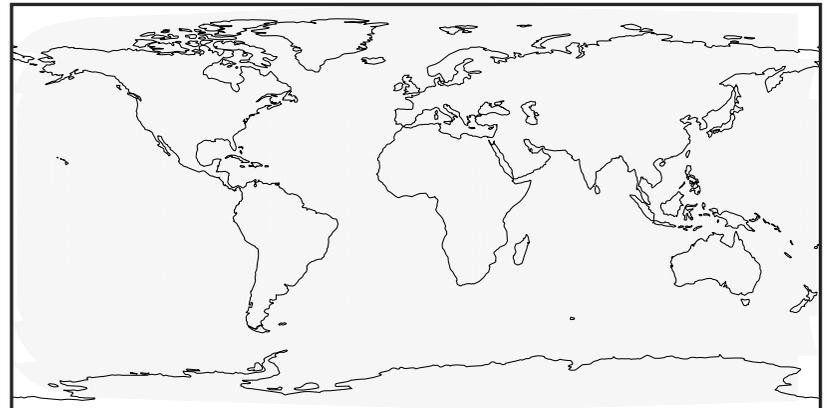


Difference
Dev - Ref, Dynamic Range



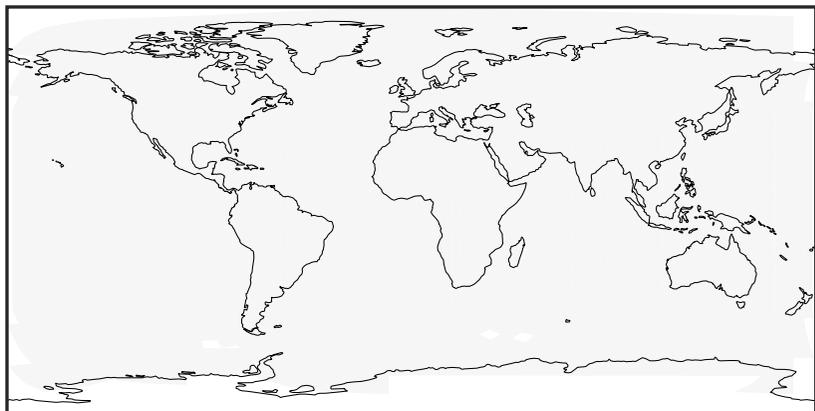
Zero throughout domain
kg/m2/s

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



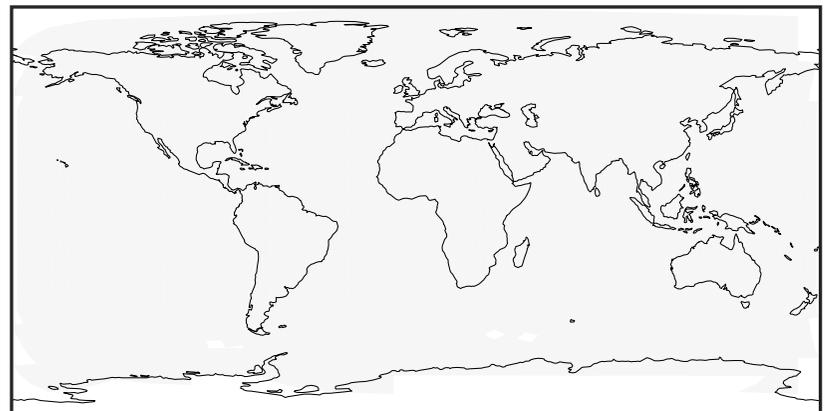
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



1
unitless

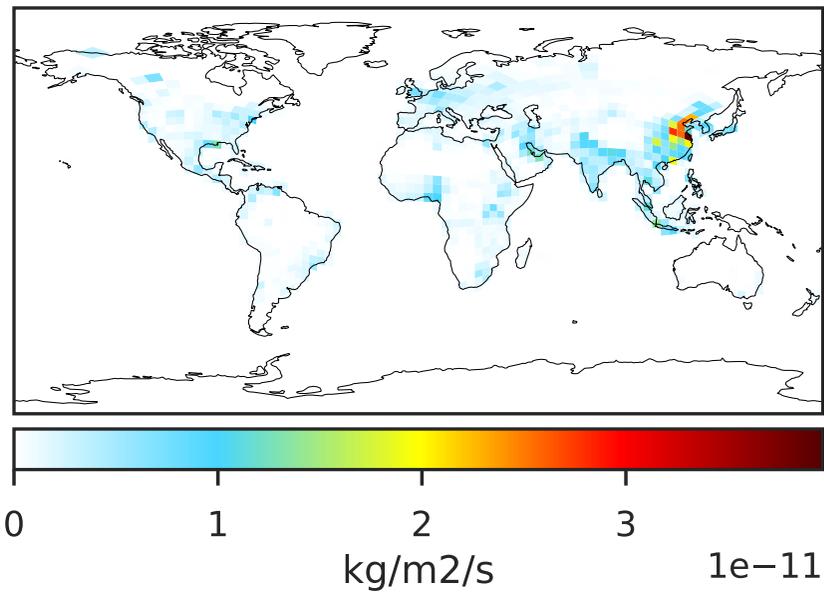
Ratio
Dev/Ref, Fixed Range



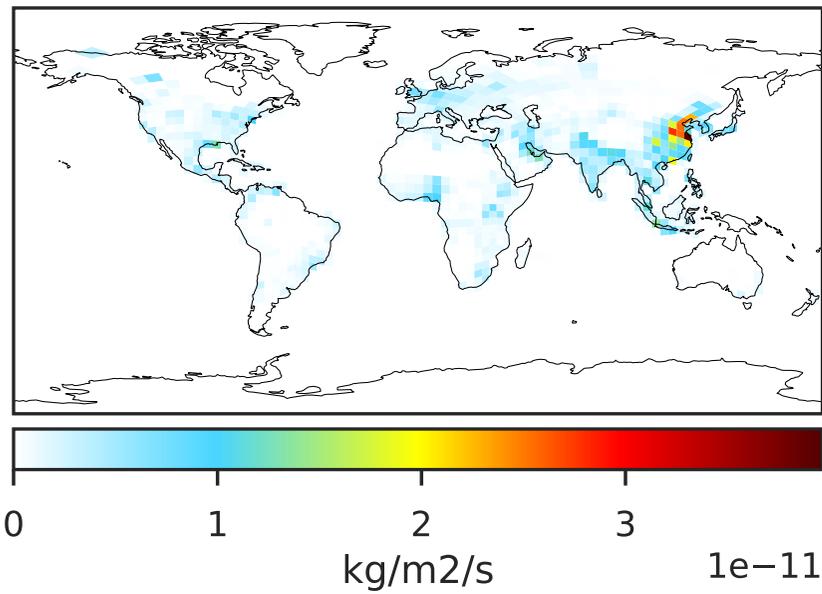
0.50 0.75 1.00 1.50 2.00
unitless

EmisTOLU_Anthro

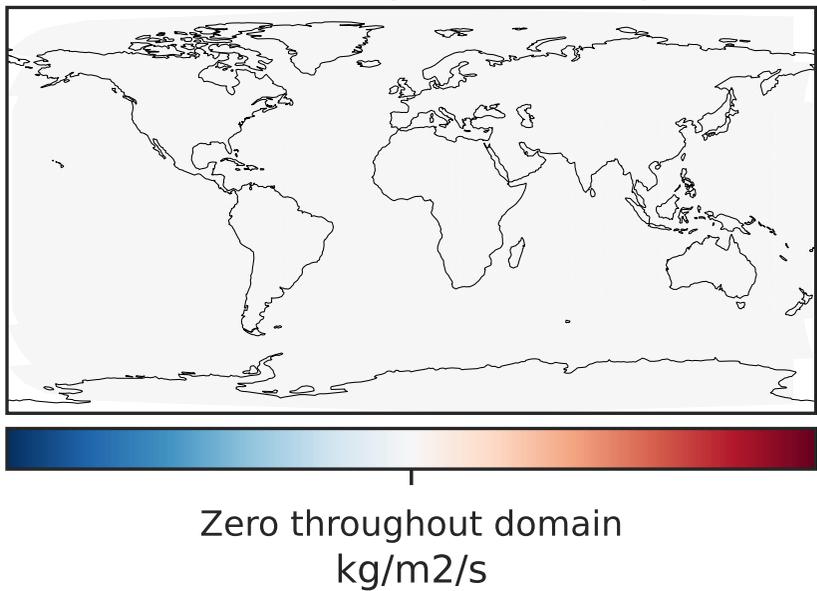
gchp-c24-1Mon-14.2.0 (Ref)
c24



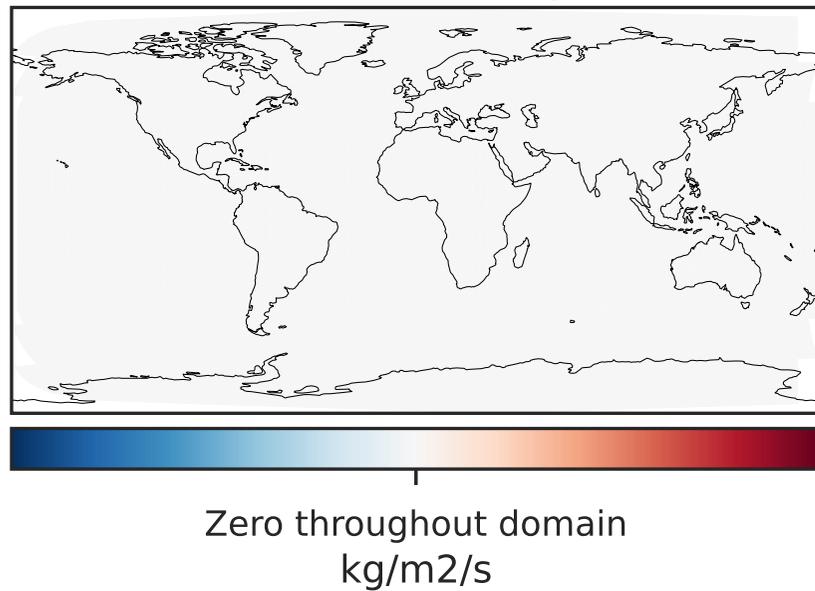
gchp-c24-1Mon-14.2.1 (Dev)
c24



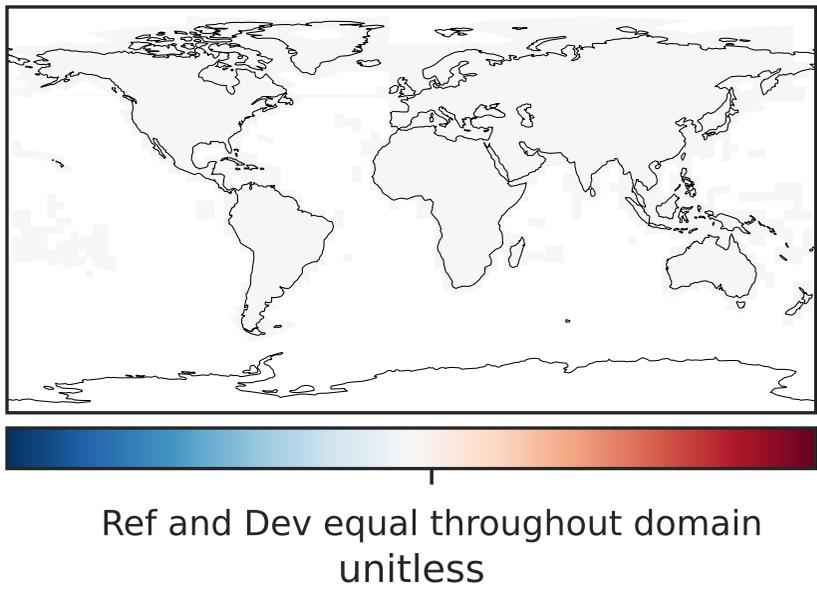
Difference
Dev - Ref, Dynamic Range



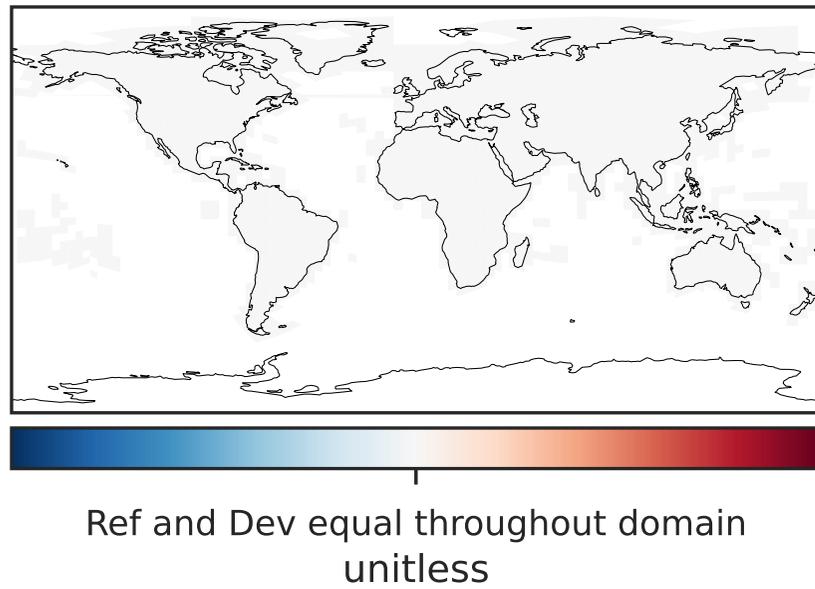
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

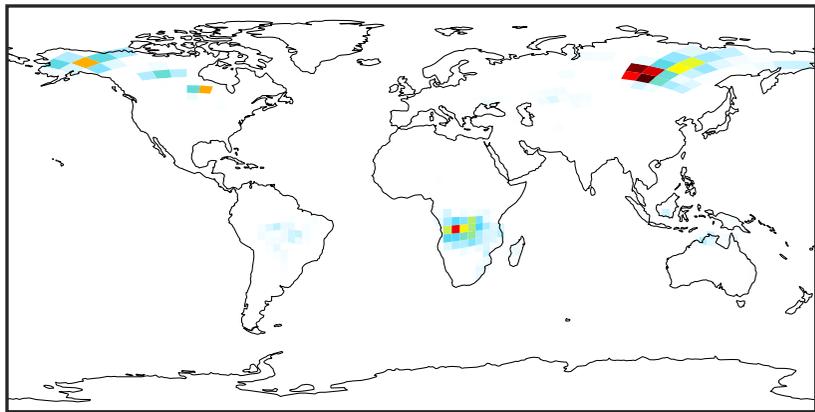


Ratio
Dev/Ref, Fixed Range



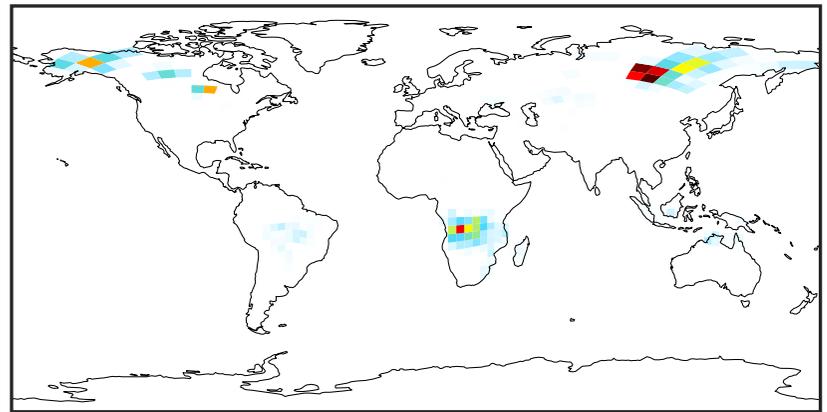
EmisTOLU_BioBurn

gchp-c24-1Mon-14.2.0 (Ref)
c24



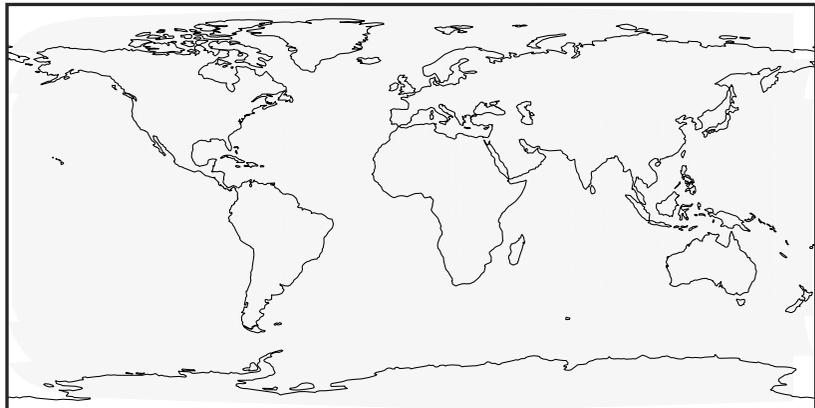
0.0 0.8 1.6 2.4
kg/m²/s 1e-11

gchp-c24-1Mon-14.2.1 (Dev)
c24



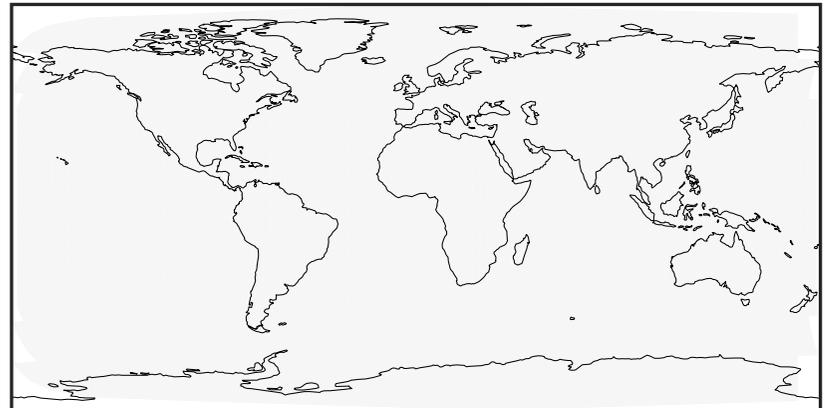
0.0 0.8 1.6 2.4
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



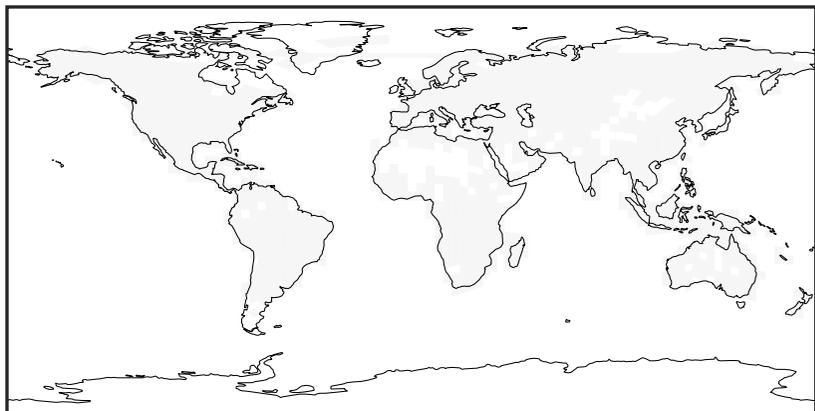
Zero throughout domain
kg/m²/s

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



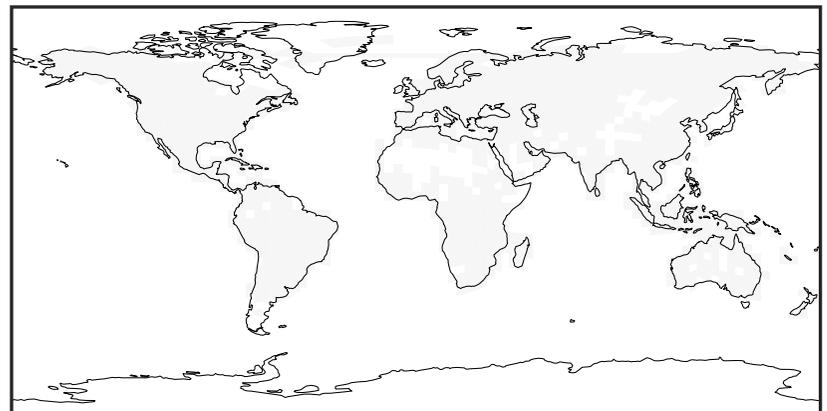
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

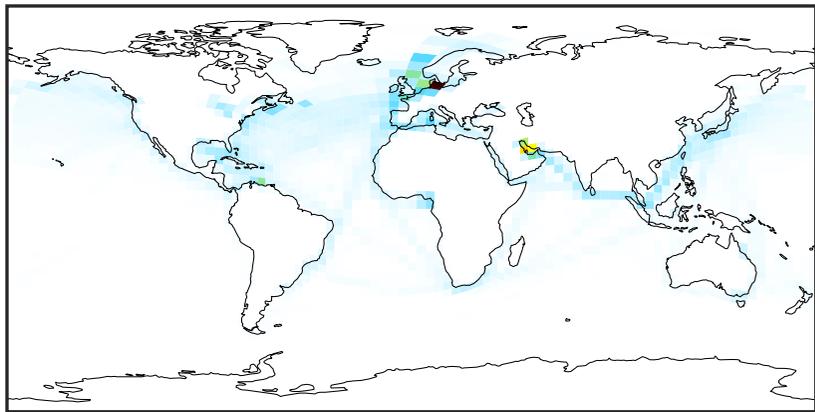
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

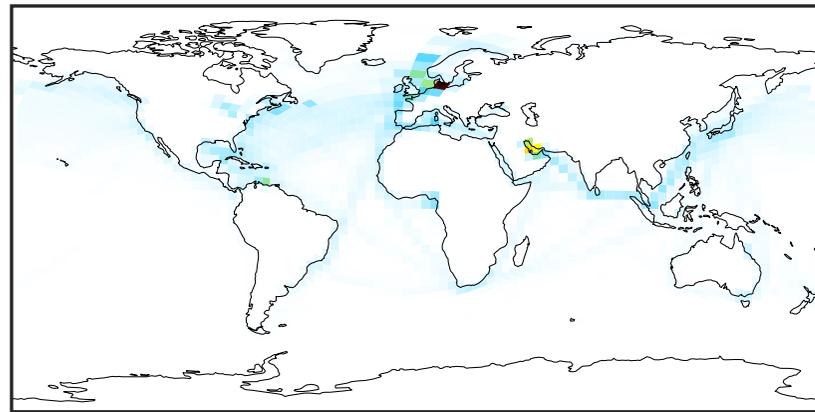
EmisTOLU_Ship

gchp-c24-1Mon-14.2.0 (Ref)
c24



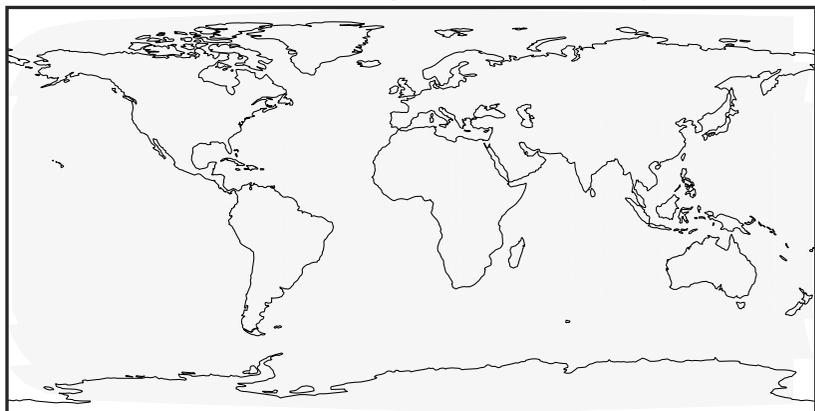
0.0 0.8 1.6 2.4
kg/m2/s 1e-13

gchp-c24-1Mon-14.2.1 (Dev)
c24



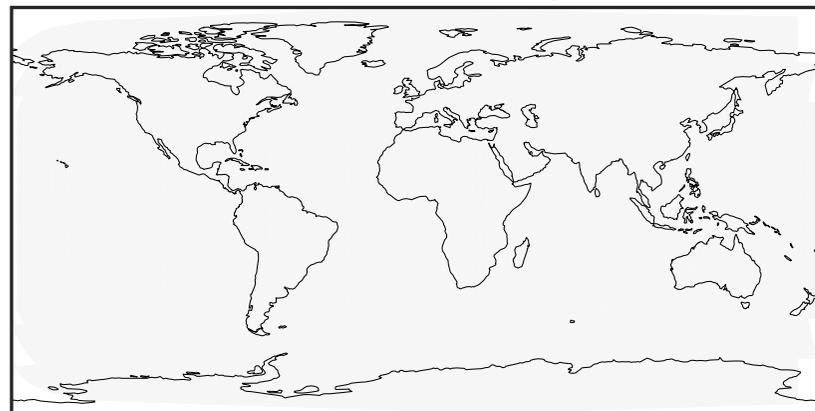
0.0 0.8 1.6 2.4
kg/m2/s 1e-13

Difference
Dev - Ref, Dynamic Range



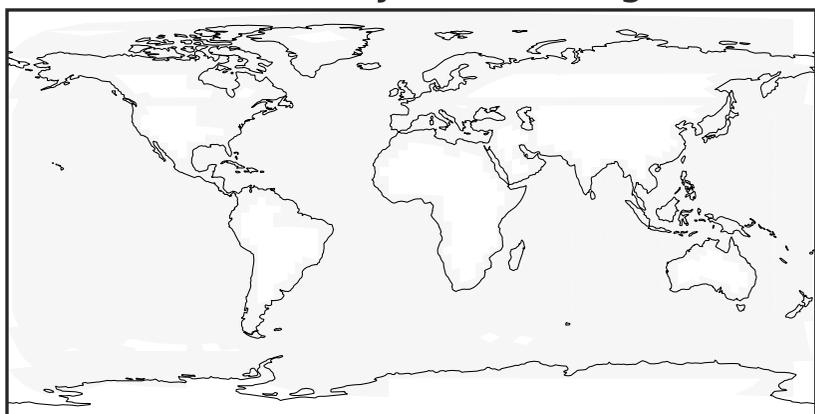
Zero throughout domain
kg/m2/s

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



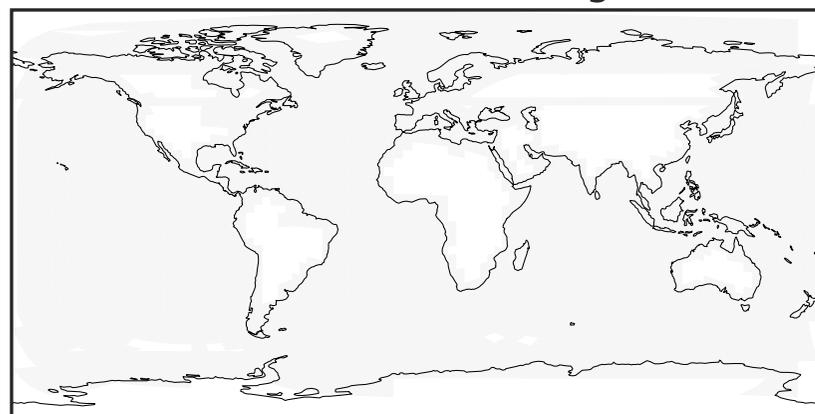
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

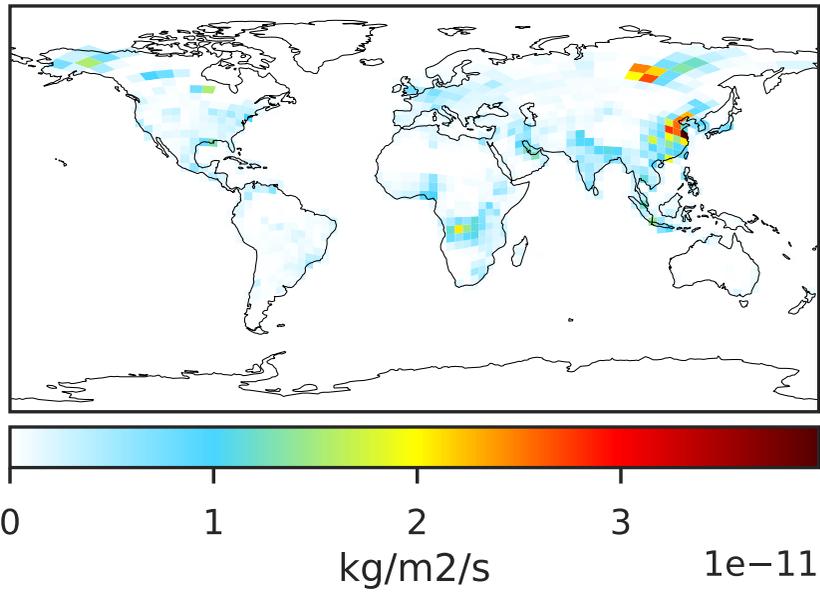
Ratio
Dev/Ref, Fixed Range



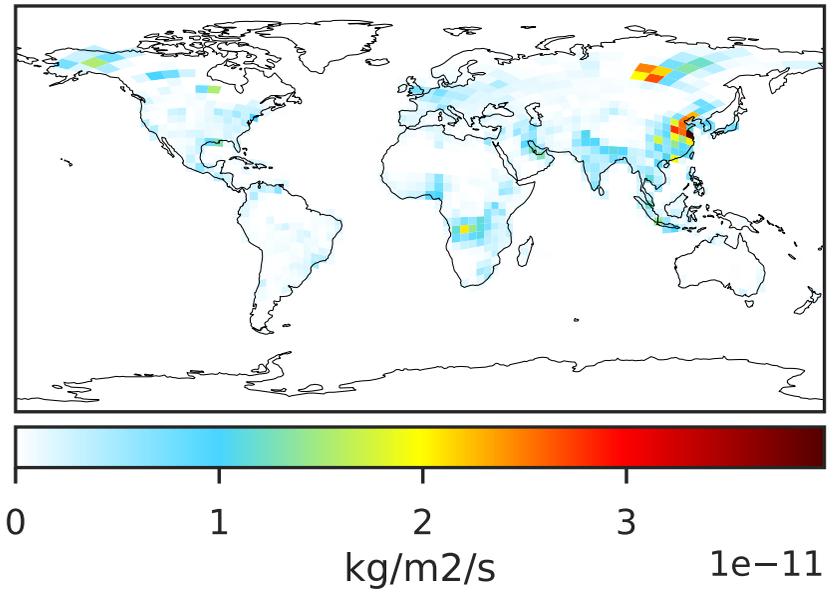
Ref and Dev equal throughout domain
unitless

EmisTOLU_Total

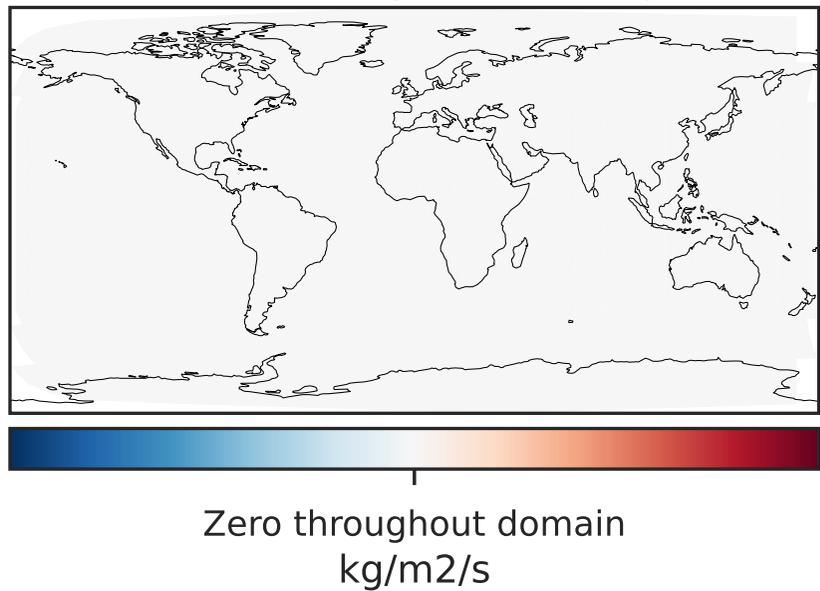
gchp-c24-1Mon-14.2.0 (Ref)
c24



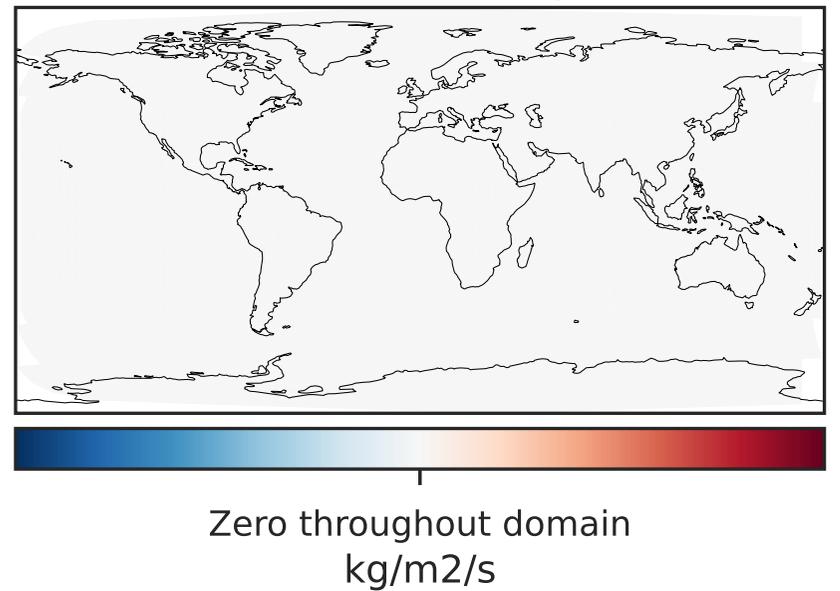
gchp-c24-1Mon-14.2.1 (Dev)
c24



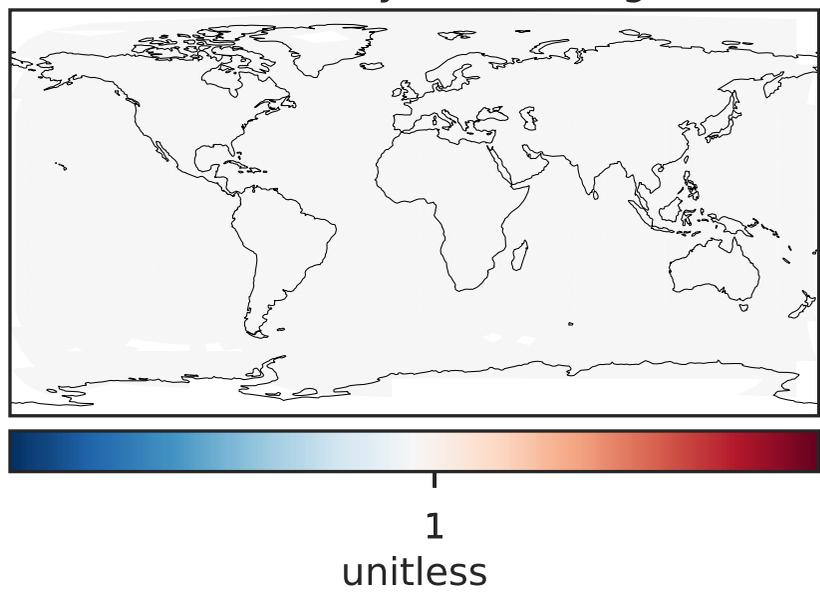
Difference
Dev - Ref, Dynamic Range



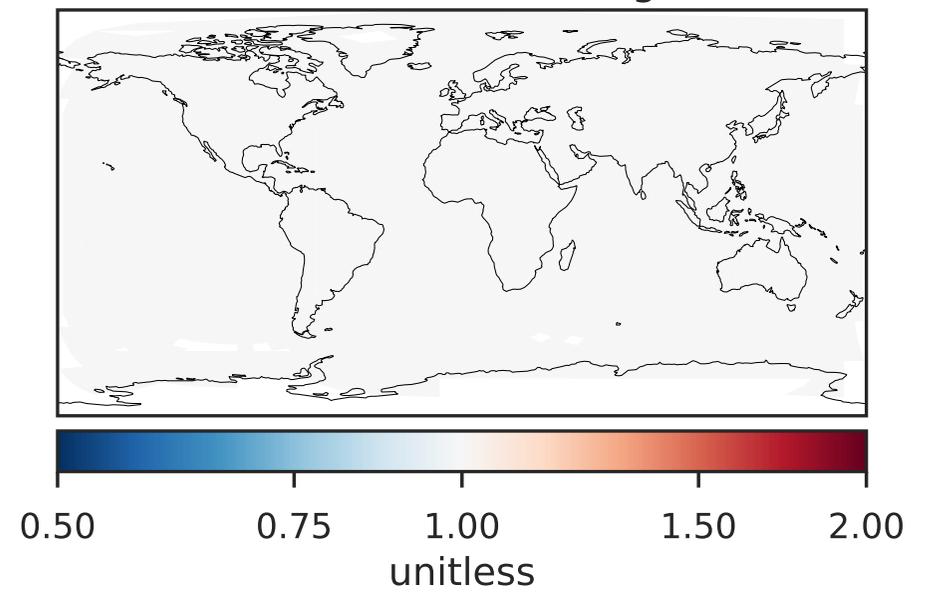
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

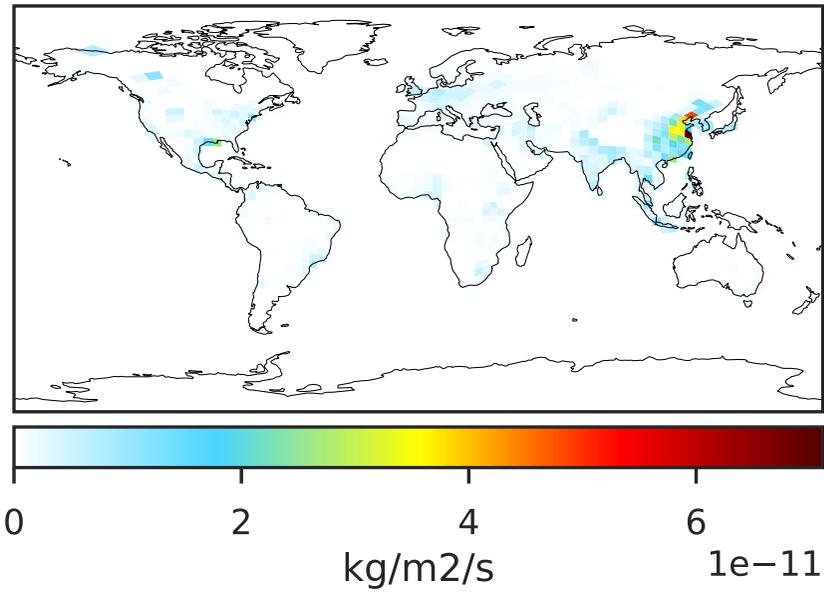


Ratio
Dev/Ref, Fixed Range

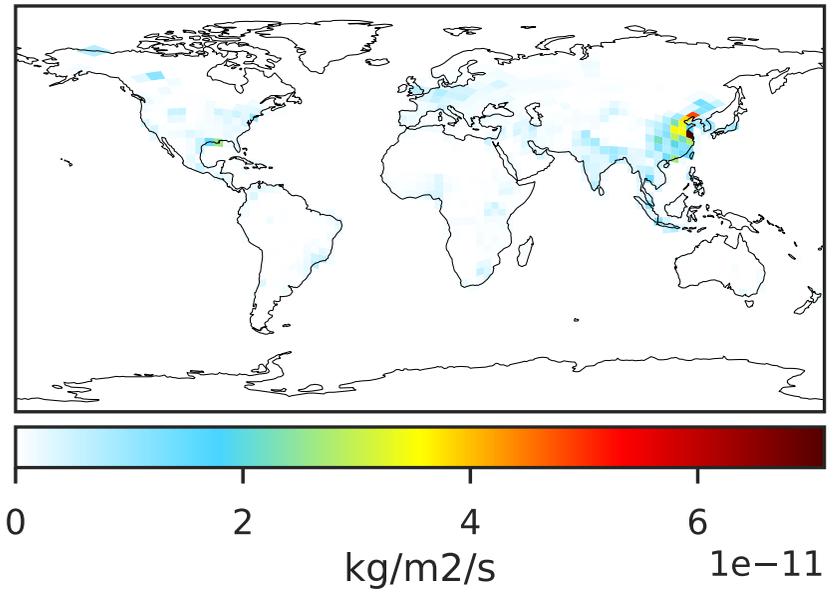


EmisXYLE_Anthro

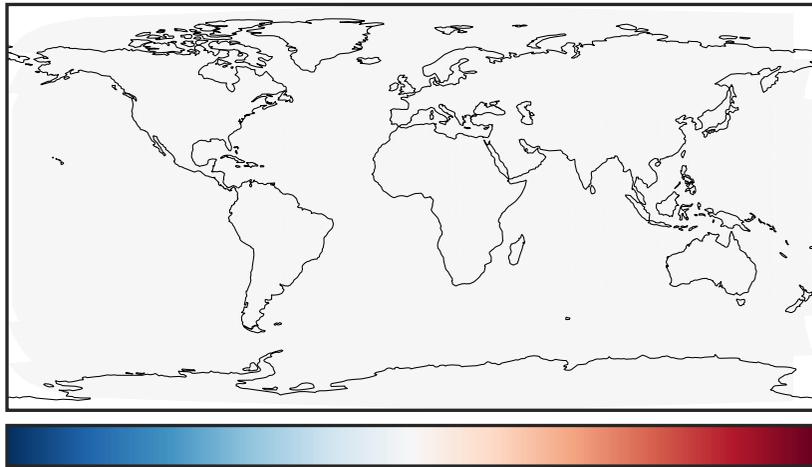
gchp-c24-1Mon-14.2.0 (Ref)
c24



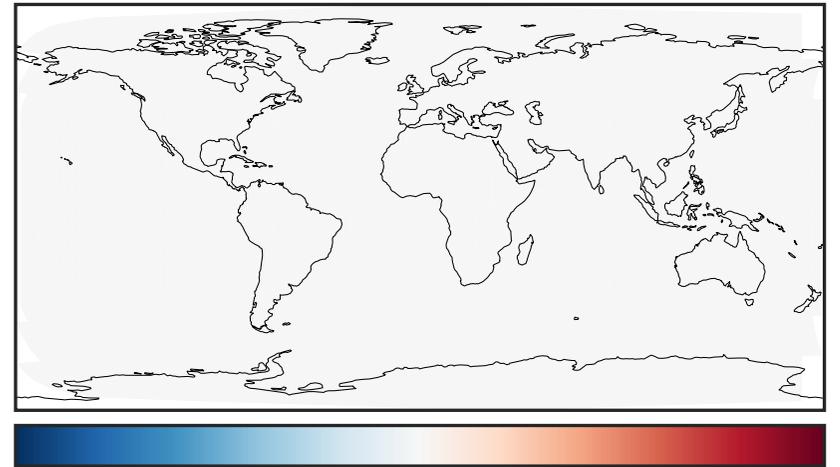
gchp-c24-1Mon-14.2.1 (Dev)
c24



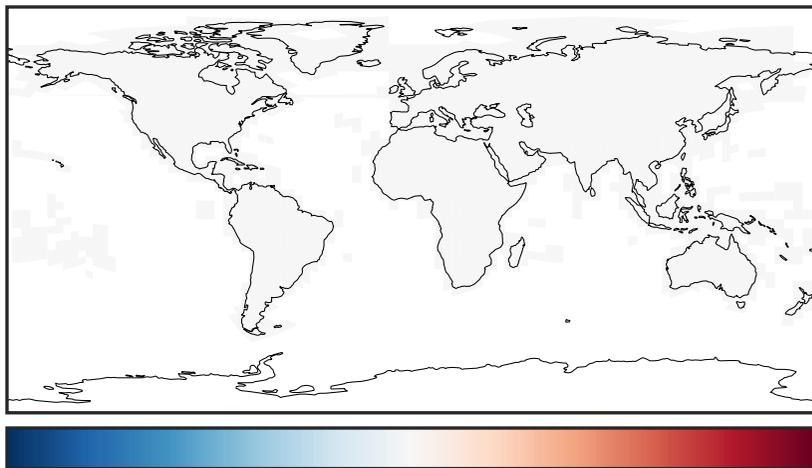
Difference
Dev - Ref, Dynamic Range



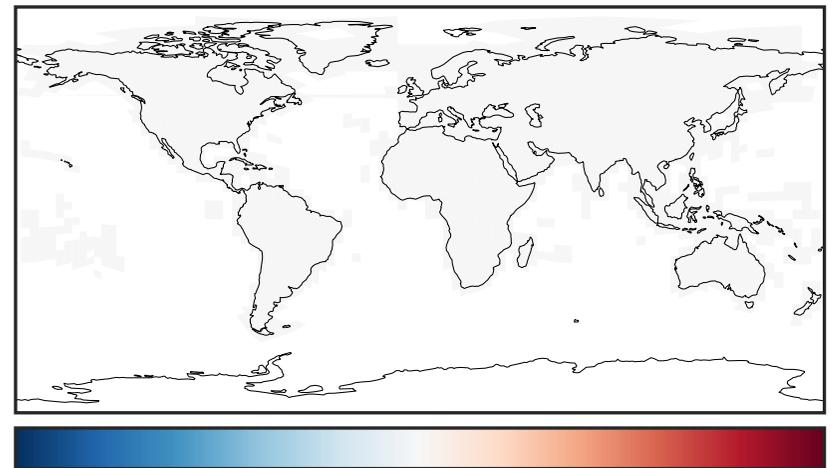
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

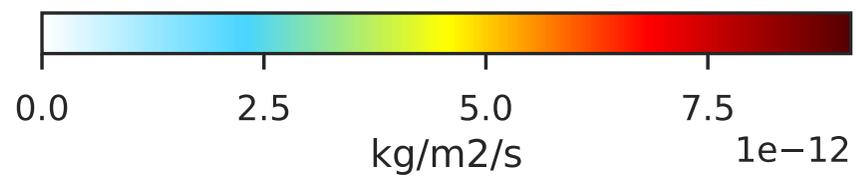
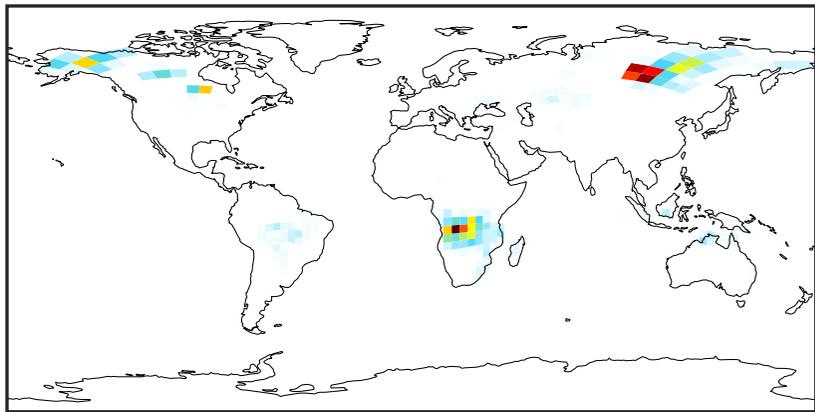


Ratio
Dev/Ref, Fixed Range

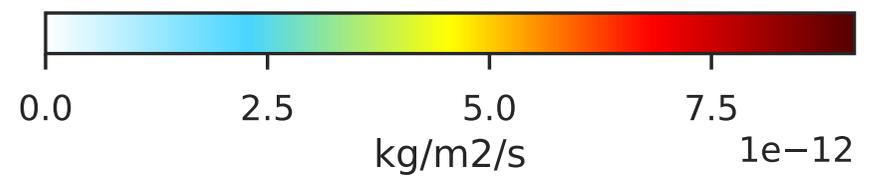
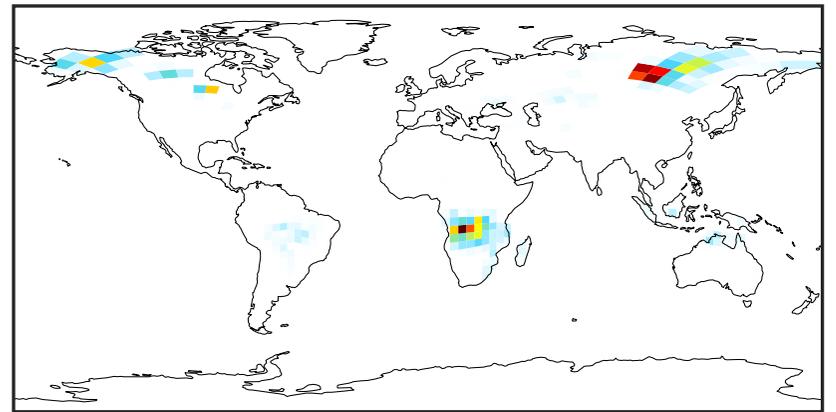


EmisXYLE_BioBurn

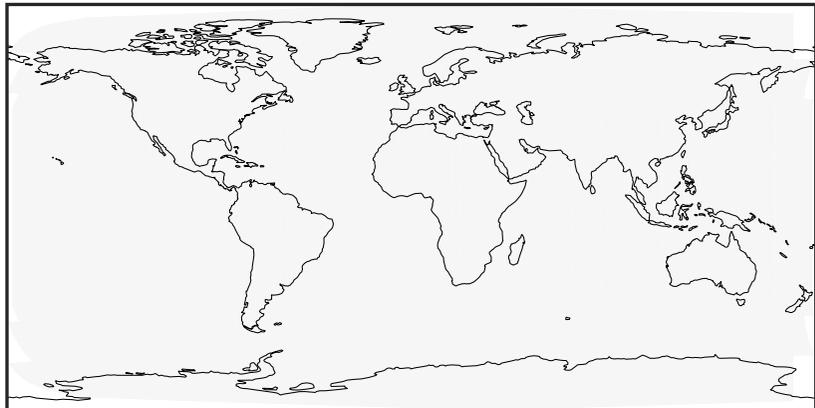
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

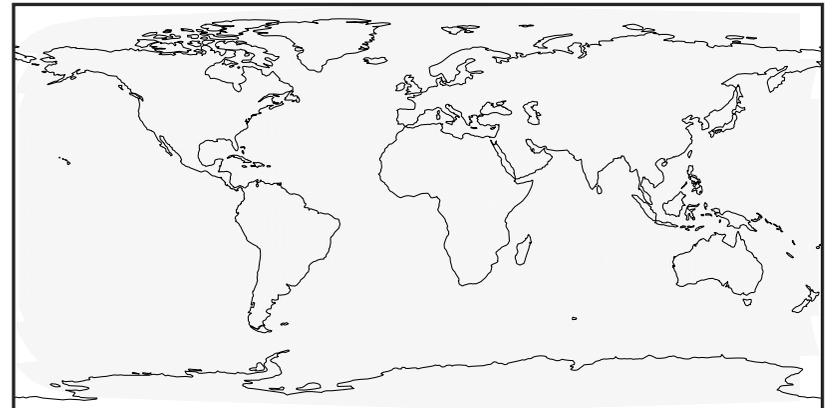


Difference
Dev - Ref, Dynamic Range



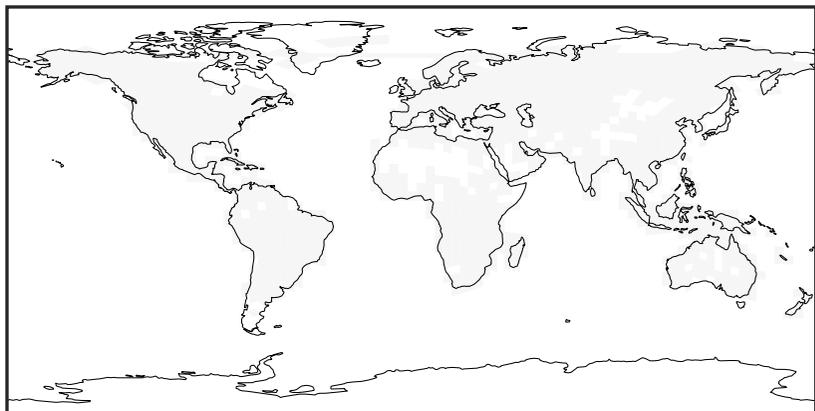
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

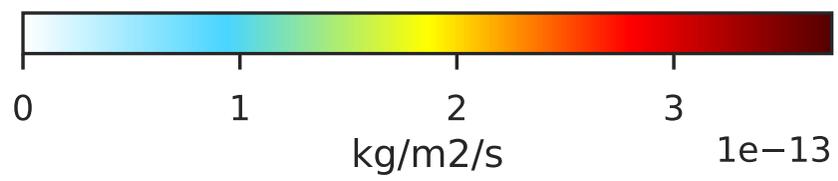
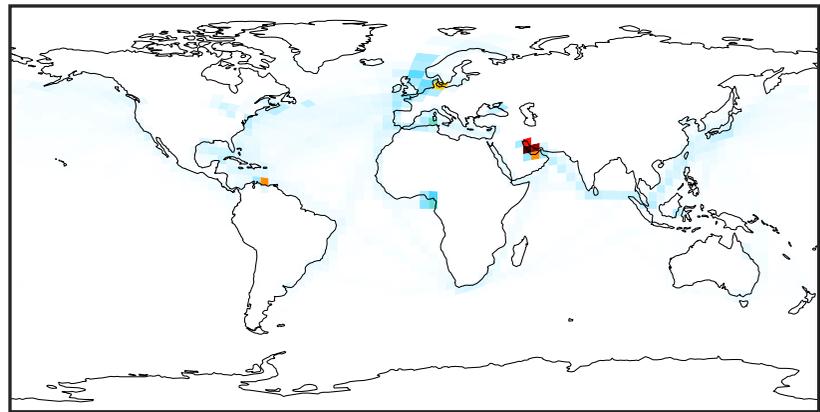
Ratio
Dev/Ref, Fixed Range



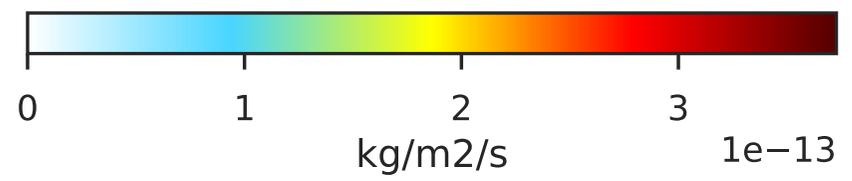
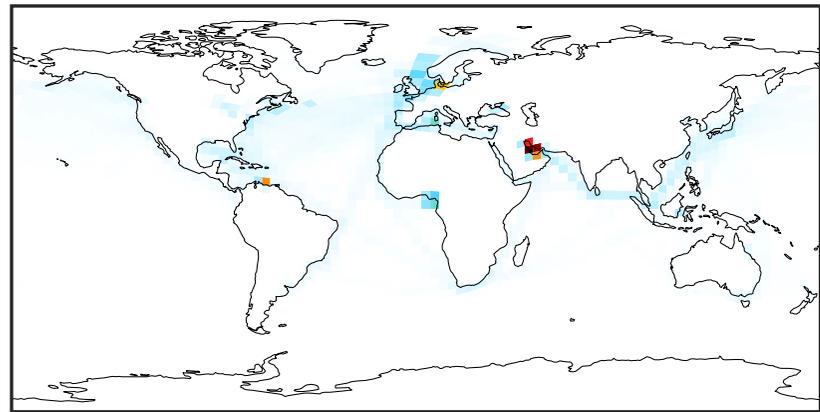
Ref and Dev equal throughout domain
unitless

EmisXYLE_Ship

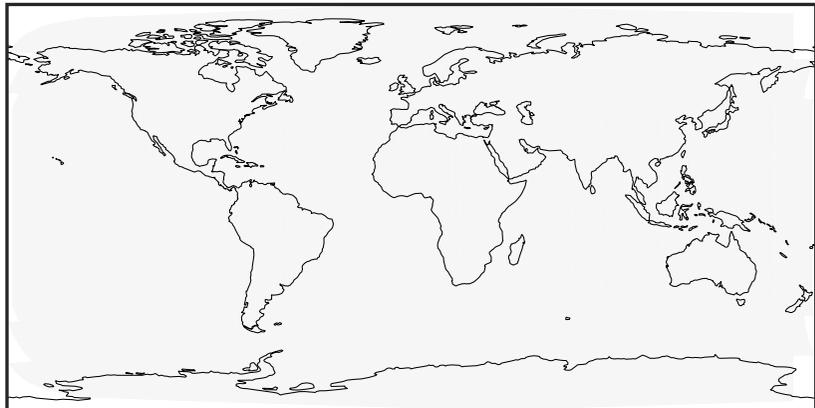
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

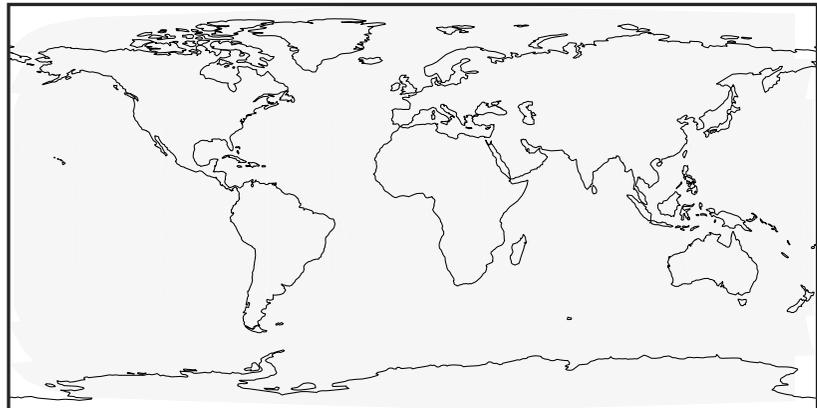


Difference
Dev - Ref, Dynamic Range



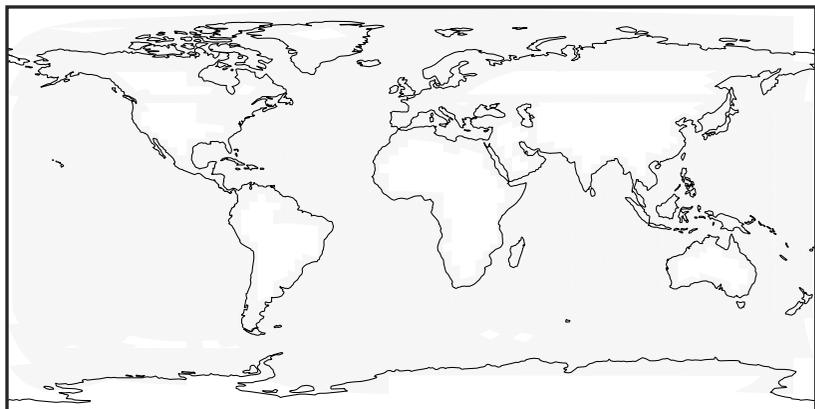
Zero throughout domain
kg/m2/s

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



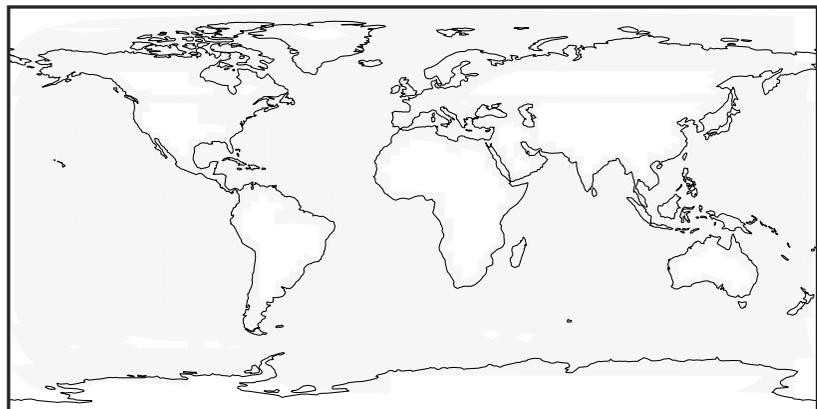
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

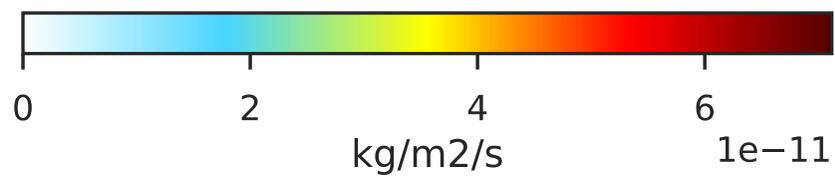
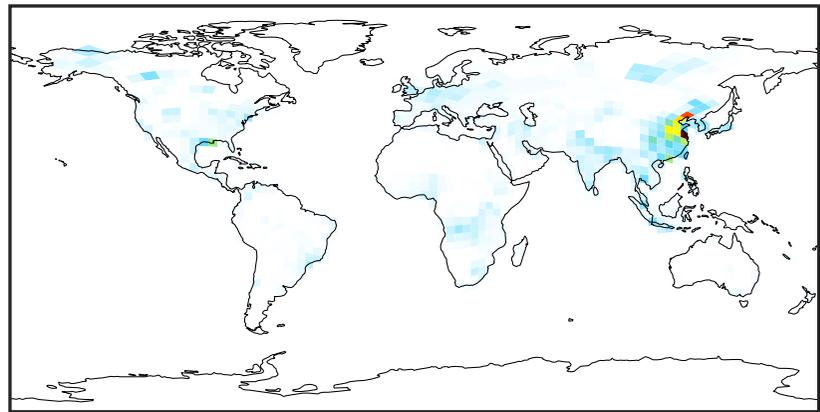
Ratio
Dev/Ref, Fixed Range



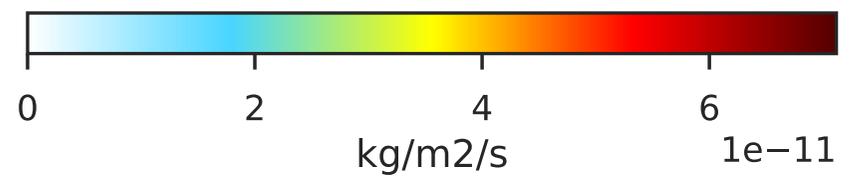
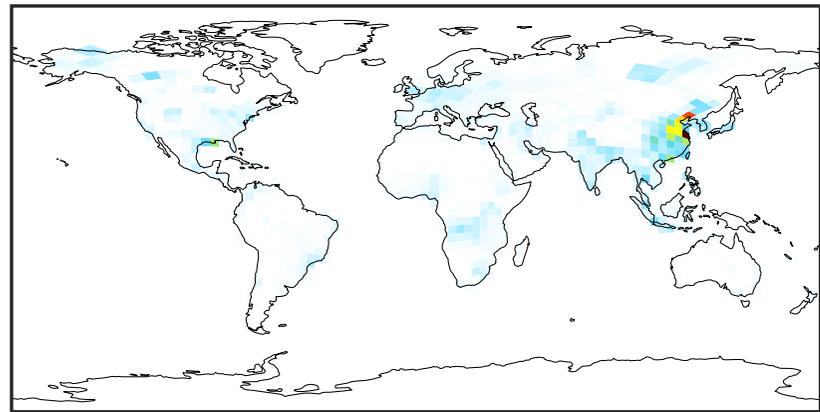
Ref and Dev equal throughout domain
unitless

EmisXYLE_Total

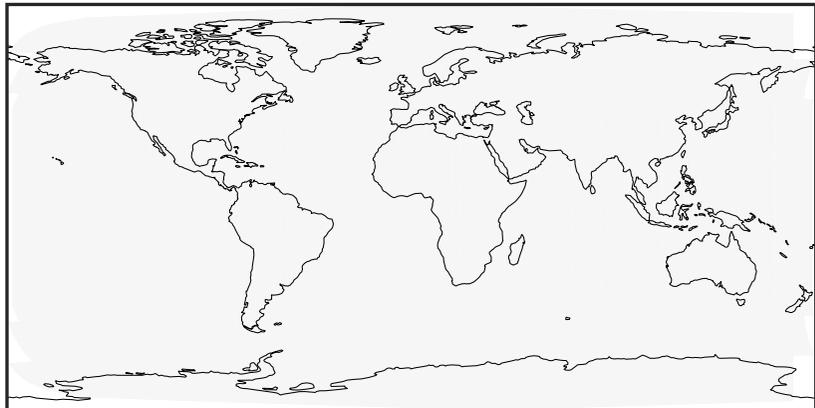
gchp-c24-1Mon-14.2.0 (Ref)
c24



gchp-c24-1Mon-14.2.1 (Dev)
c24

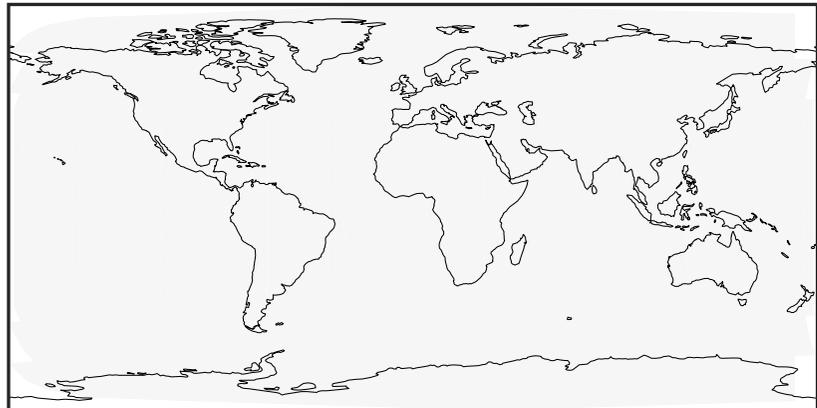


Difference
Dev - Ref, Dynamic Range



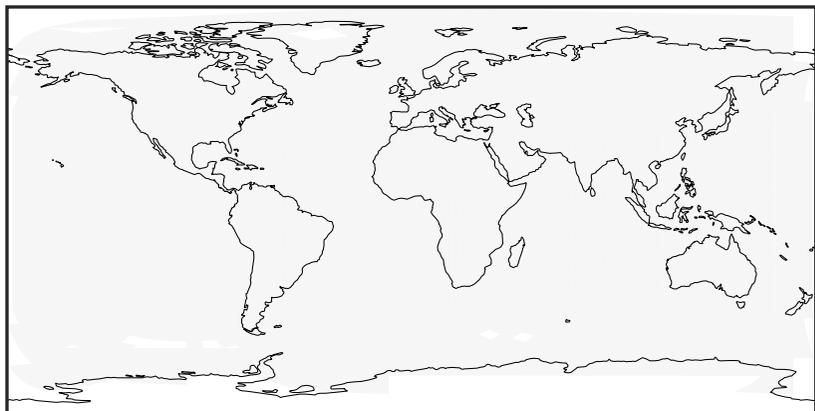
Zero throughout domain
kg/m2/s

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



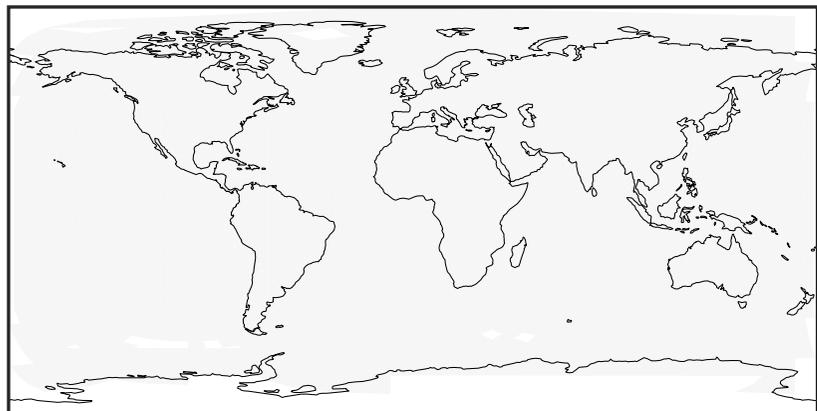
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



1
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless