

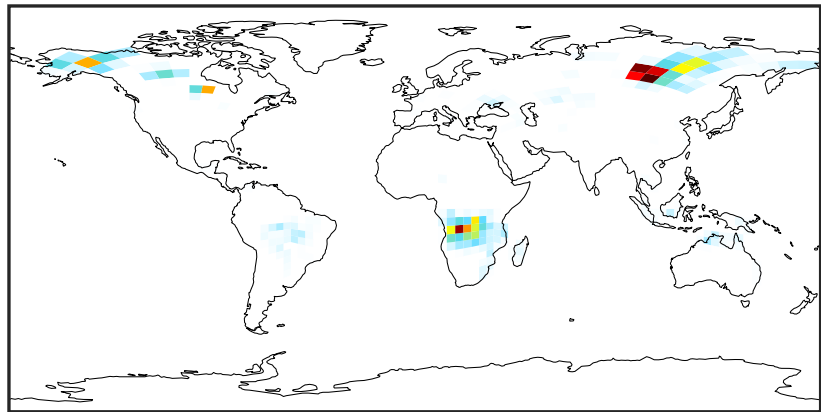
EmisACTA_BioBurn

gchp-c24-1Mon-14.1.1 (Ref)
c24



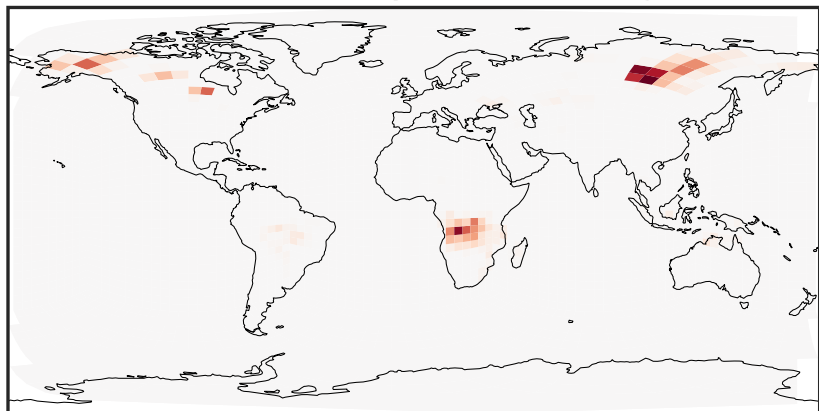
Zero throughput domain
kg/m²/s

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



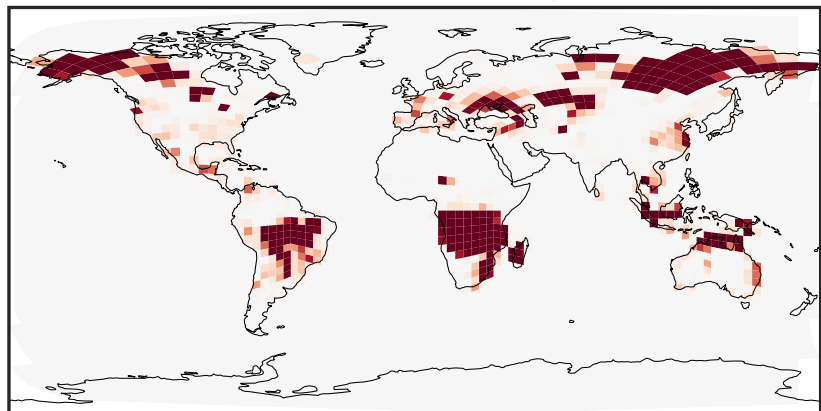
0.0 0.8 1.6 2.4
kg/m²/s 1e-10

Difference
Dev - Ref, Dynamic Range



-1.5 0.0 1.5
kg/m²/s 1e-10

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



-1.5 0.0 1.5
kg/m²/s 1e-12

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

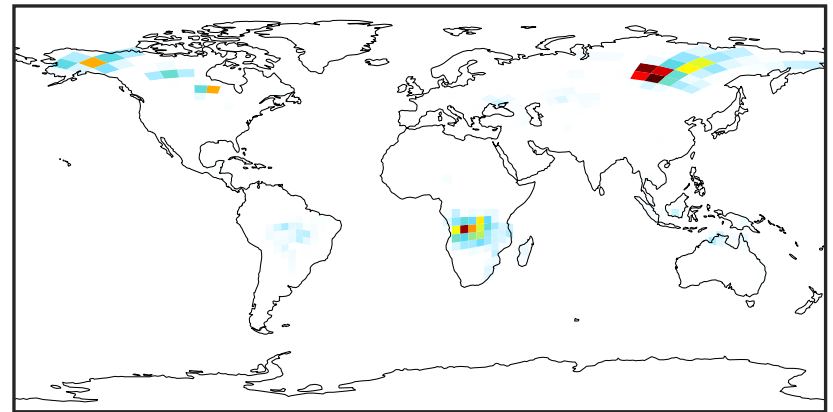
EmisACTA_Total

gchp-c24-1Mon-14.1.1 (Ref)
c24



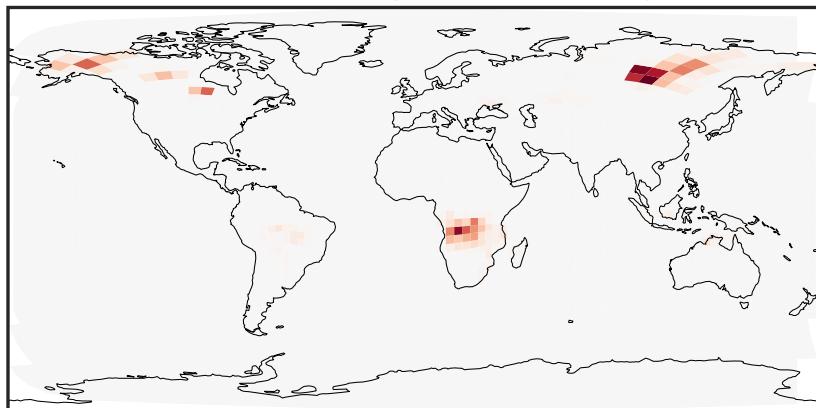
Zero throughput domain
kg/m²/s

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



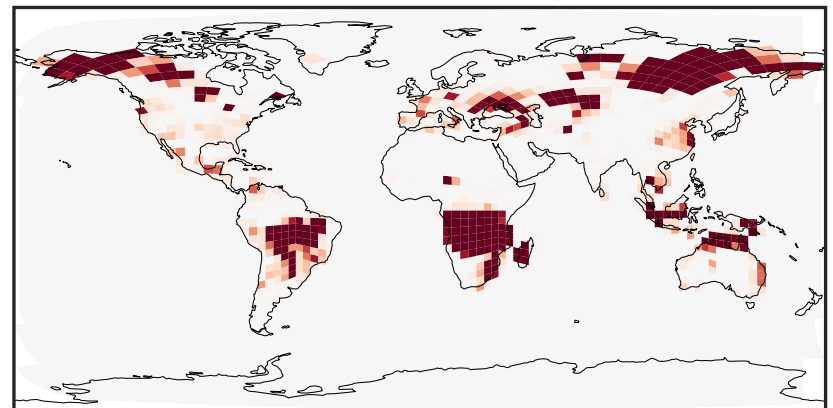
0.0 0.8 1.6 2.4
kg/m²/s 1e-10

Difference
Dev - Ref, Dynamic Range



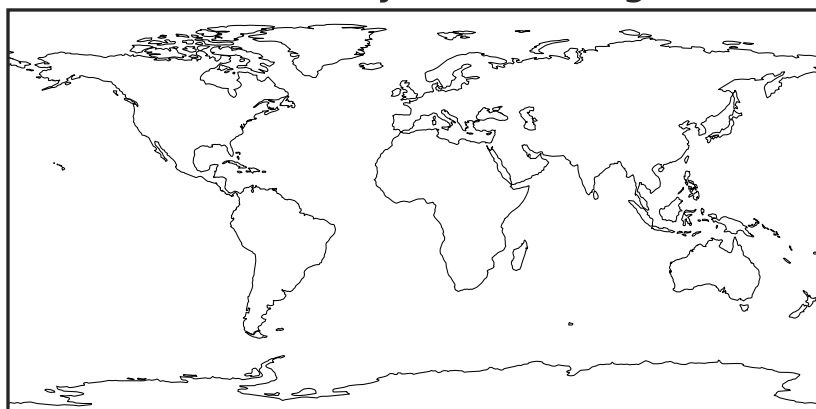
-1.5 0.0 1.5
kg/m²/s 1e-10

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



-1.5 0.0 1.5
kg/m²/s 1e-12

Ratio
Dev/Ref, Dynamic Range



Undefined throughput domain
unitless

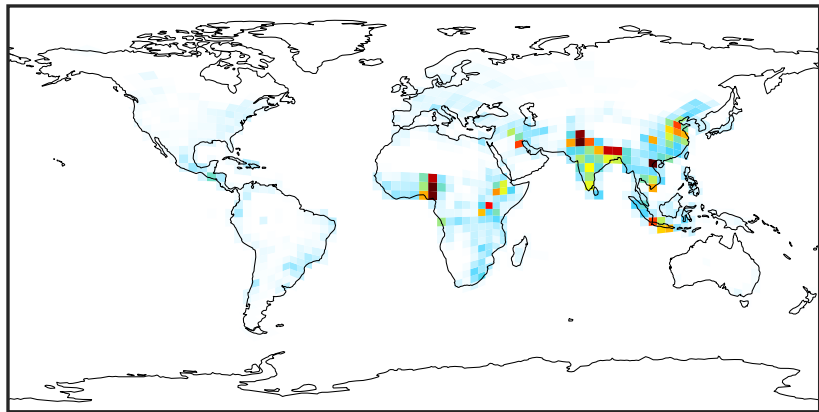
Ratio
Dev/Ref, Fixed Range



Undefined throughput domain
unitless

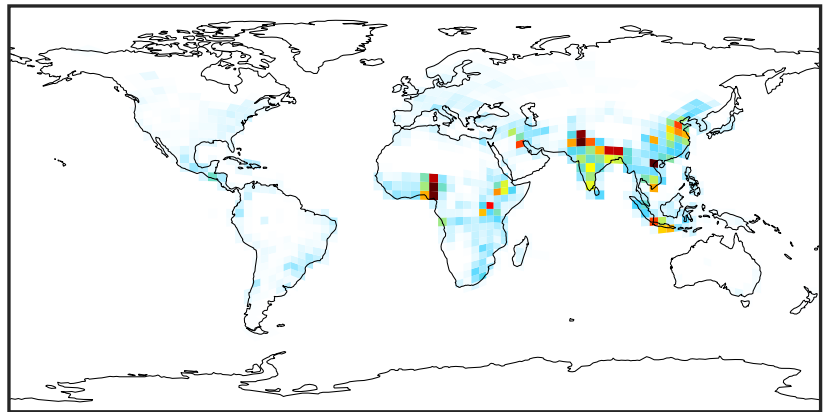
EmisALD2_Anthro

gchp-c24-1Mon-14.1.1 (Ref)
c24



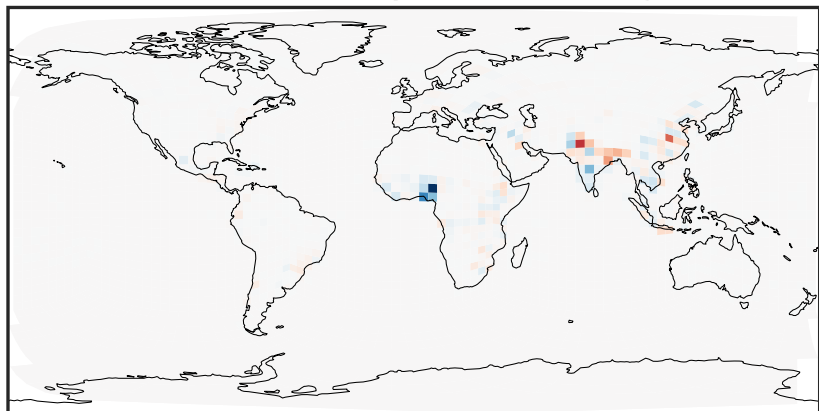
0.0 1.5 3.0 4.5
kg/m2/s $1e-12$

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



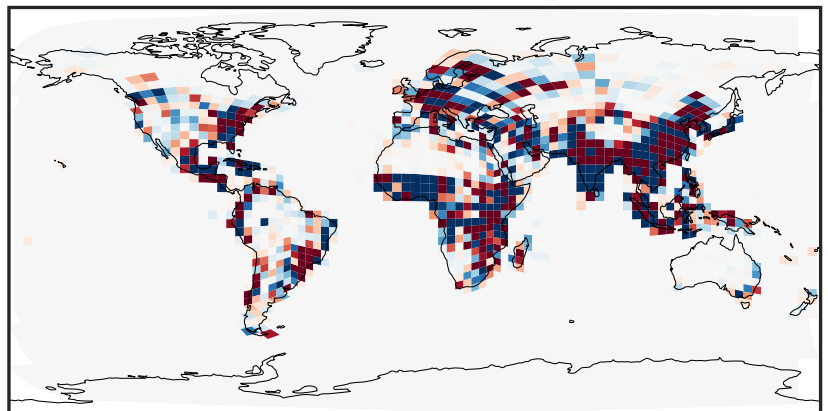
0.0 1.5 3.0 4.5
kg/m2/s $1e-12$

Difference
Dev - Ref, Dynamic Range



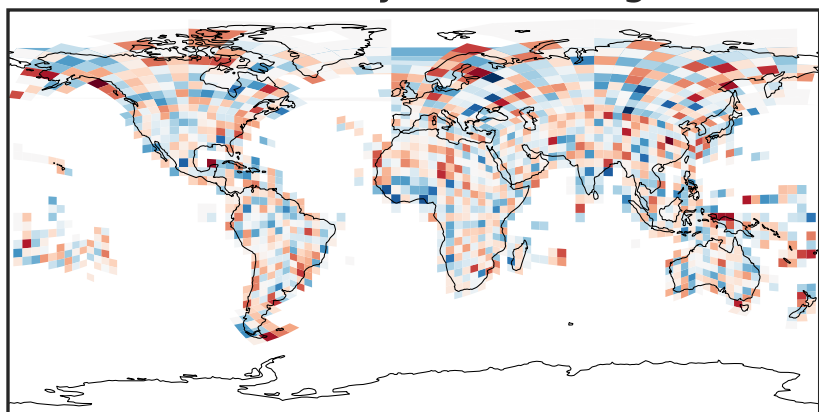
-1.5 0.0 1.5
kg/m2/s $1e-16$

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



-1.5 0.0 1.5
kg/m2/s $1e-18$

Ratio
Dev/Ref, Dynamic Range



0.9999373 1.000000 1.0000627
unitless

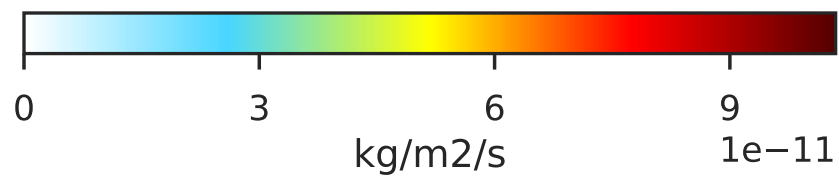
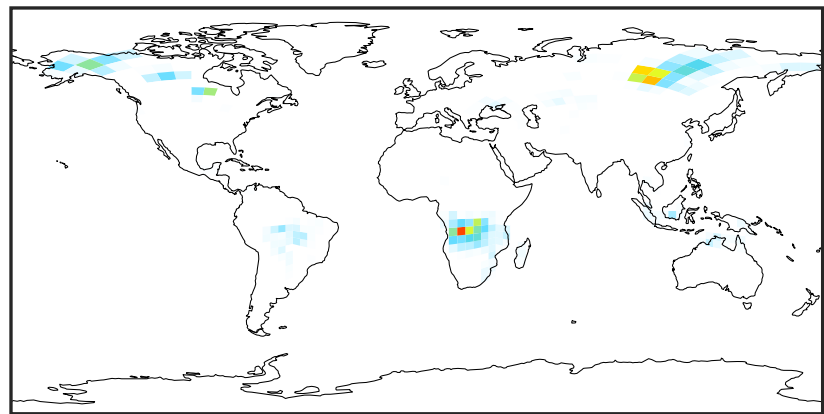
Ratio
Dev/Ref, Fixed Range



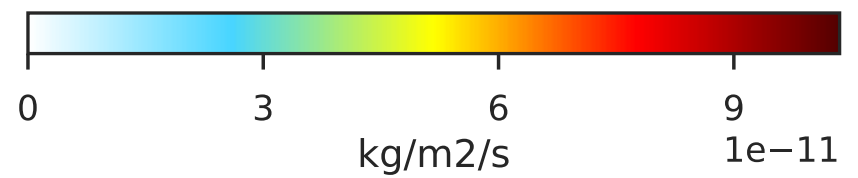
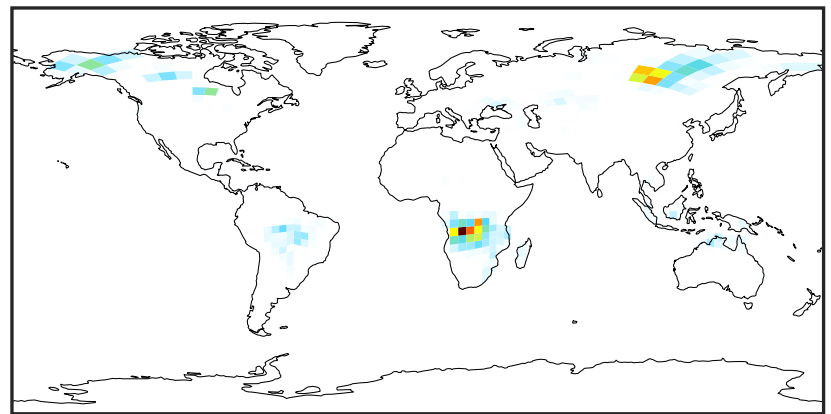
0.50 0.75 1.00 1.50 2.00
unitless

EmisALD2_BioBurn

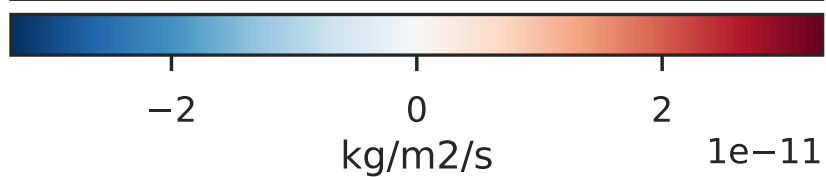
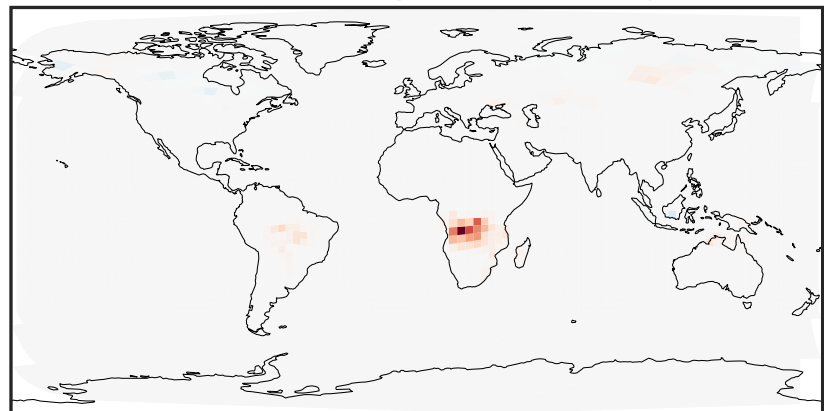
gchp-c24-1Mon-14.1.1 (Ref)
c24



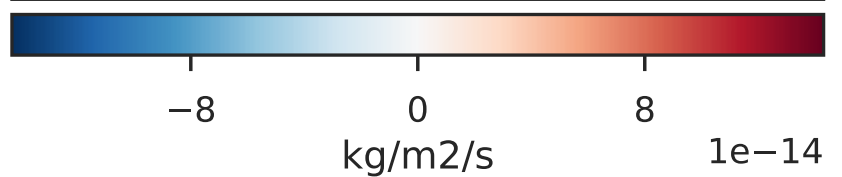
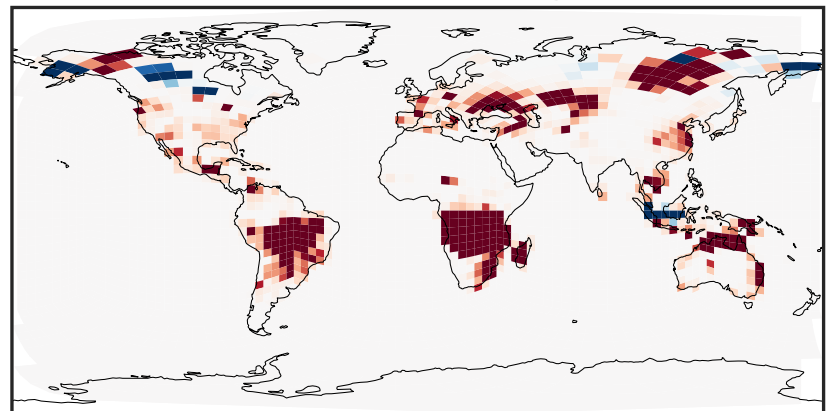
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



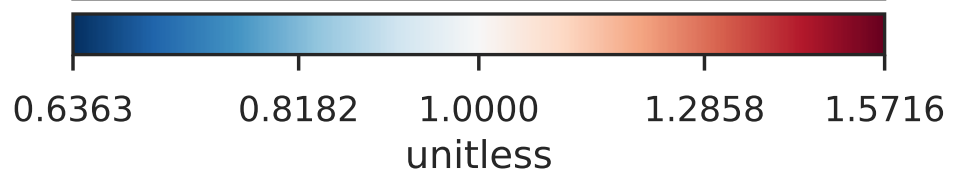
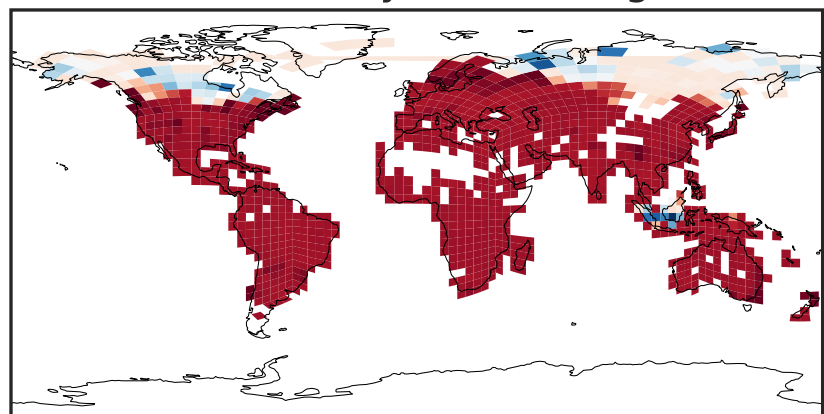
Difference
Dev - Ref, Dynamic Range



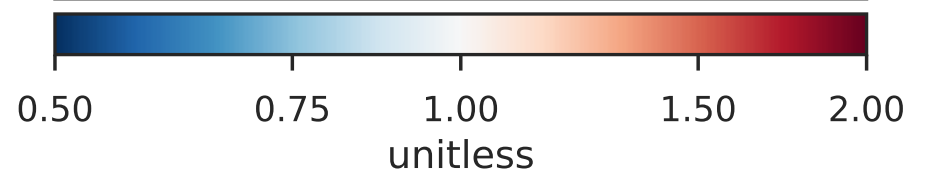
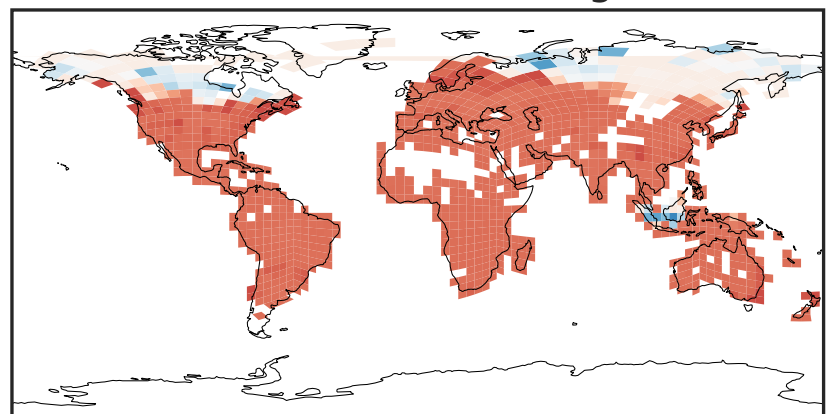
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

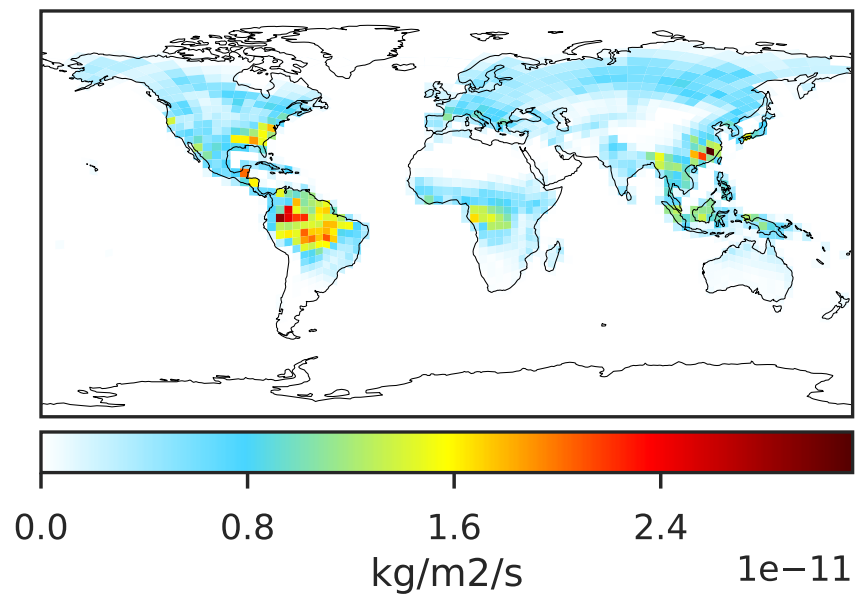


Ratio
Dev/Ref, Fixed Range

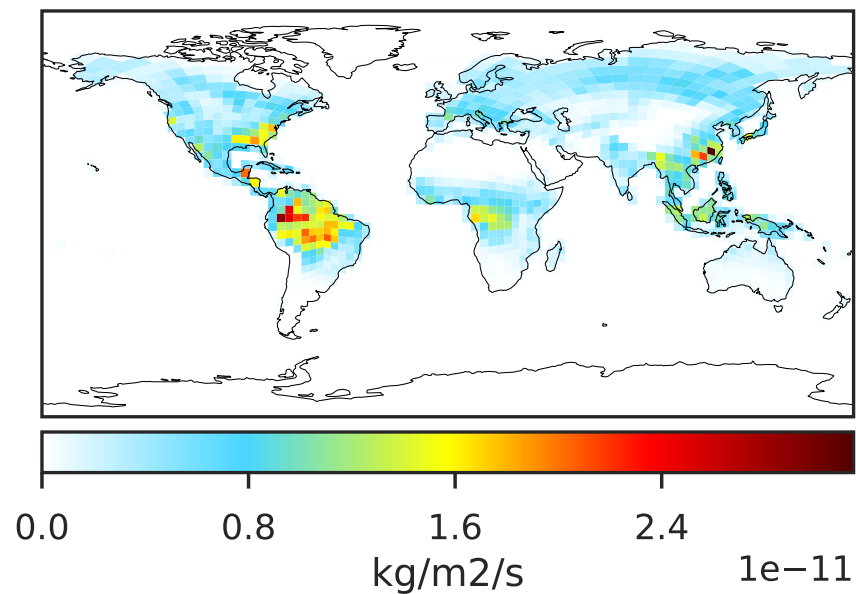


EmisALD2_Biogenic

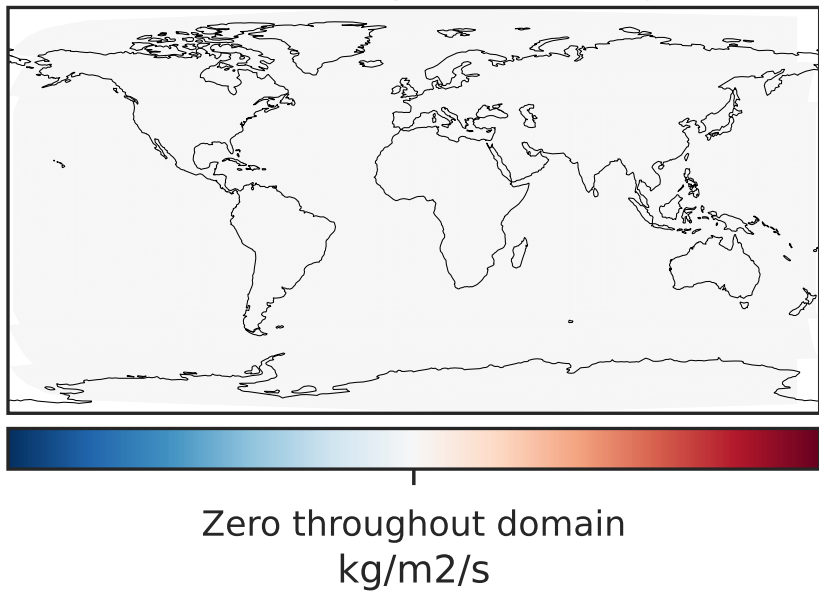
gchp-c24-1Mon-14.1.1 (Ref)
c24



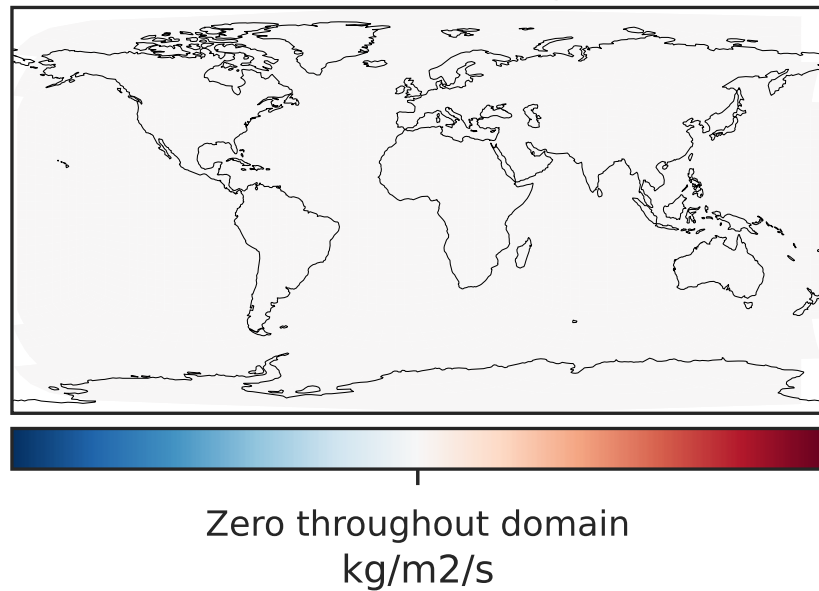
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



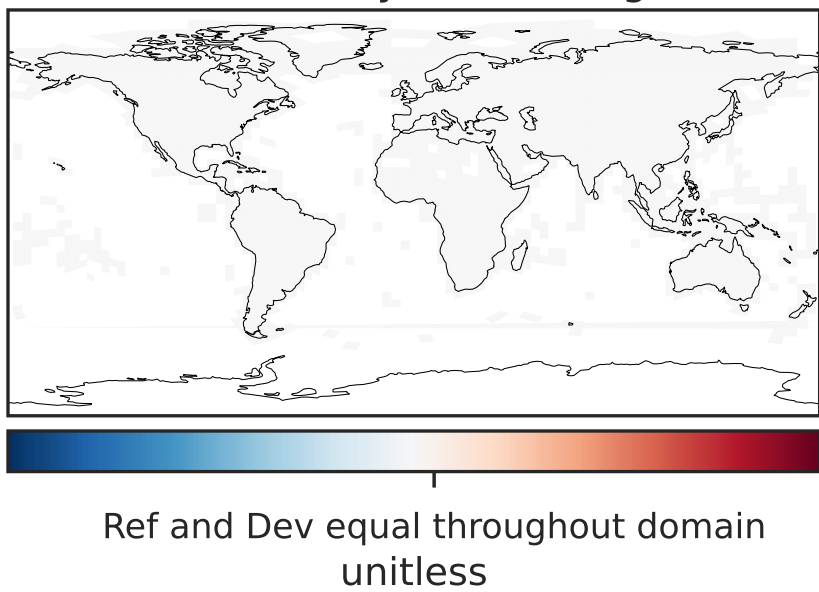
Difference
Dev - Ref, Dynamic Range



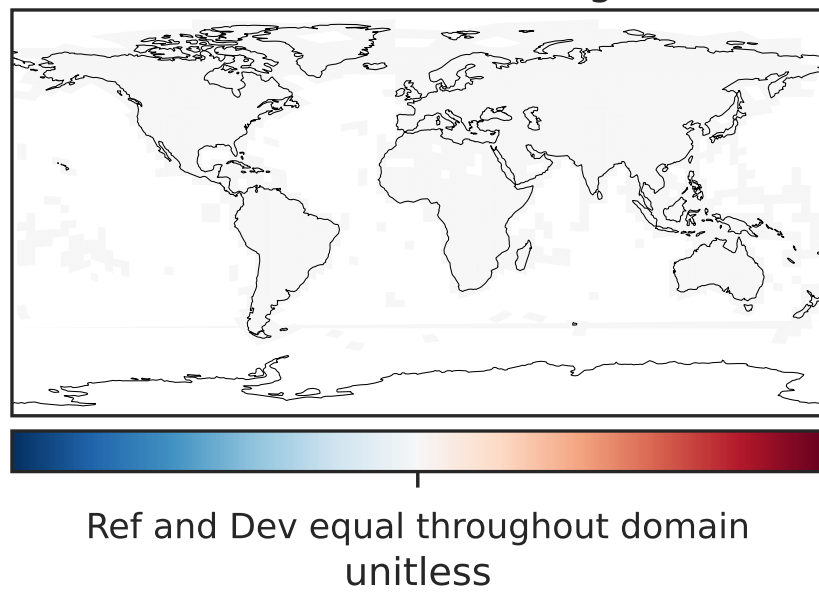
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

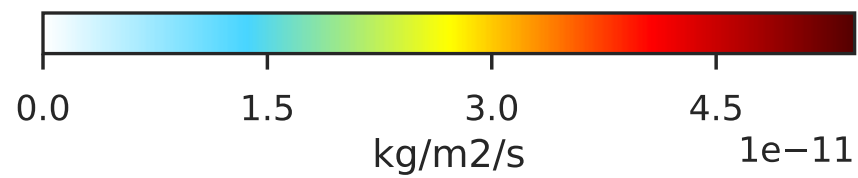
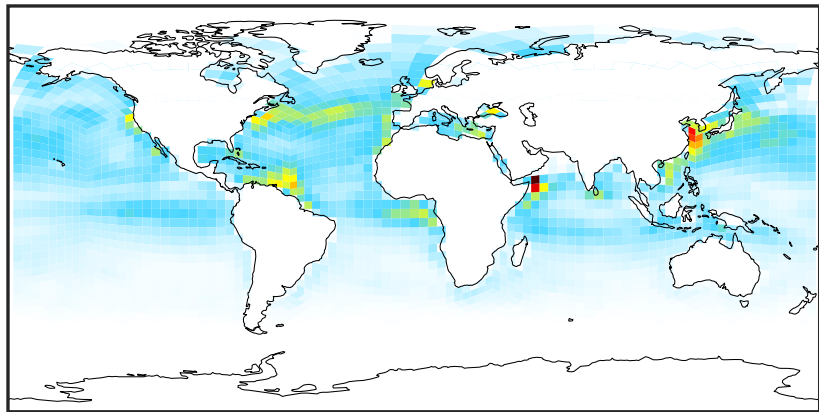


Ratio
Dev/Ref, Fixed Range

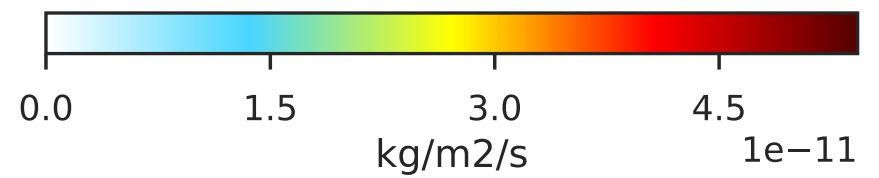
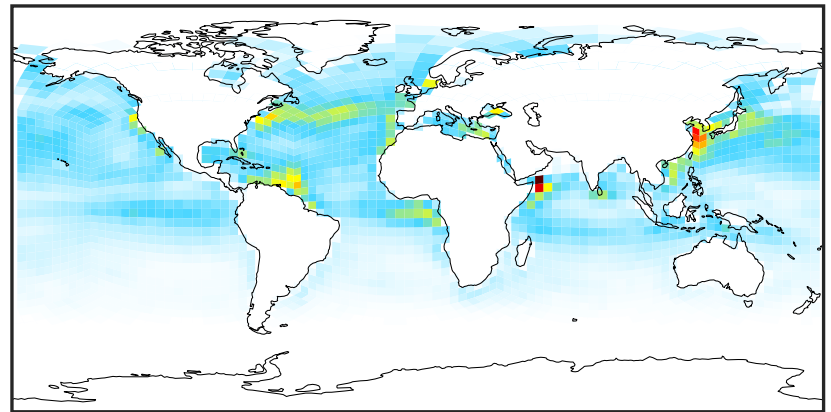


EmisALD2_Ocean

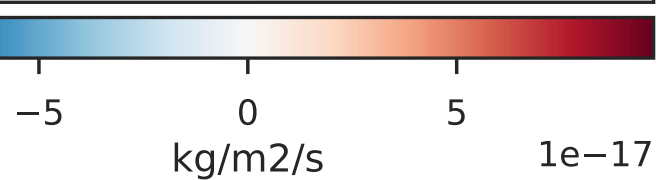
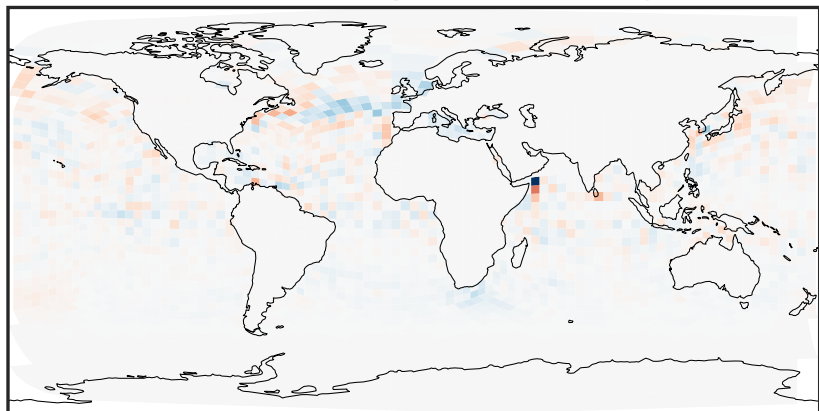
gchp-c24-1Mon-14.1.1 (Ref)
c24



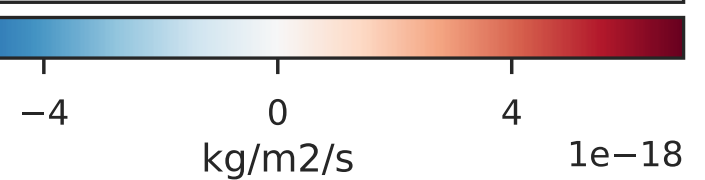
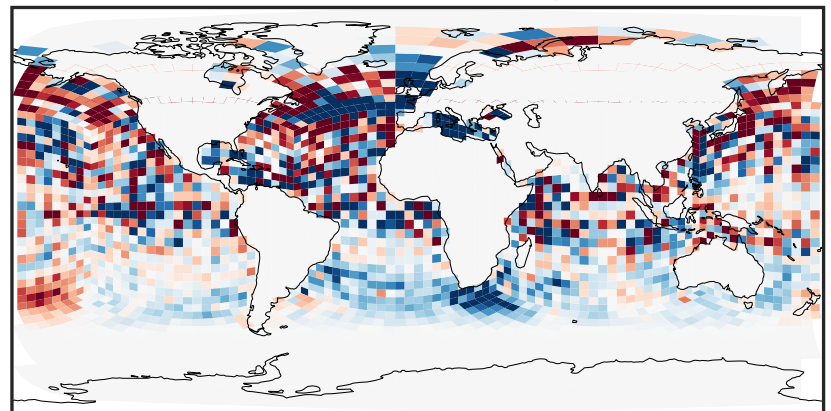
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



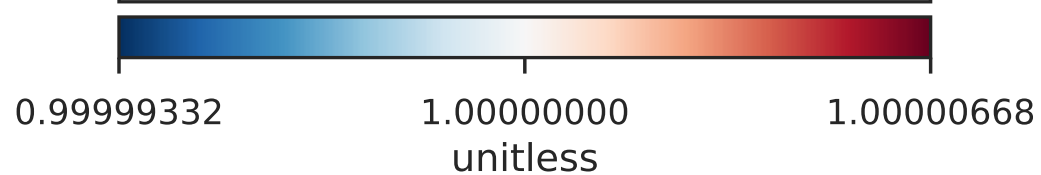
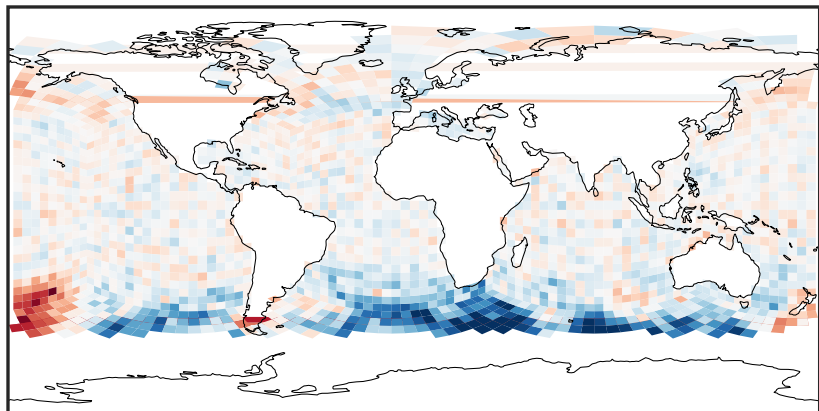
Difference
Dev - Ref, Dynamic Range



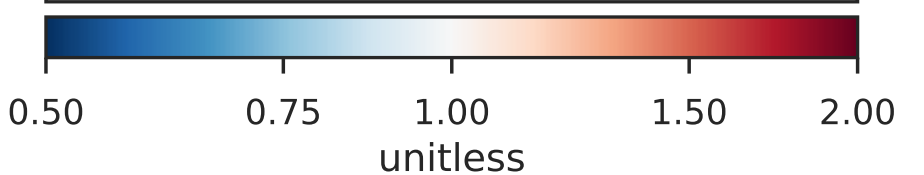
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

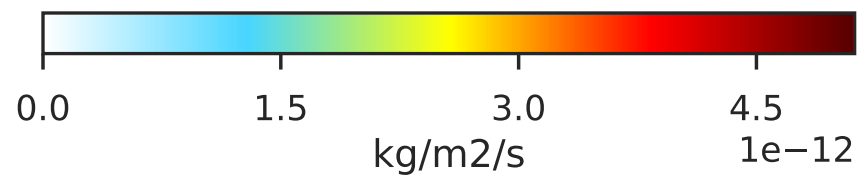
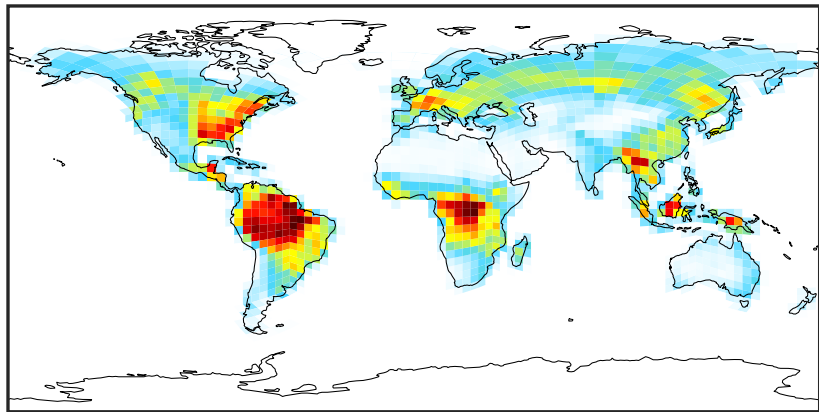


Ratio
Dev/Ref, Fixed Range

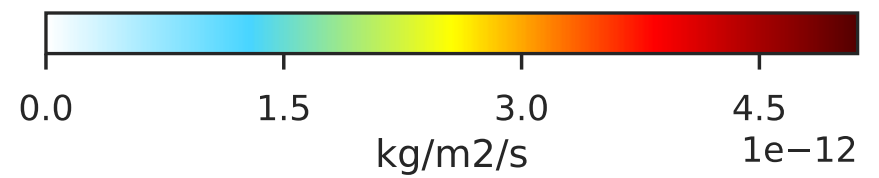
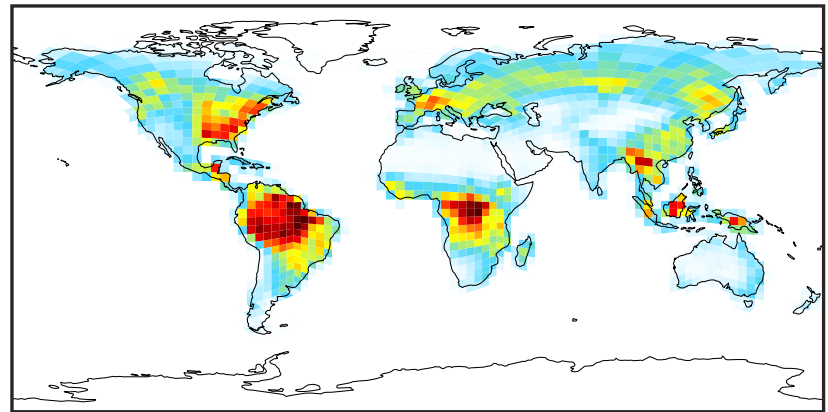


EmisALD2_PlantDecay

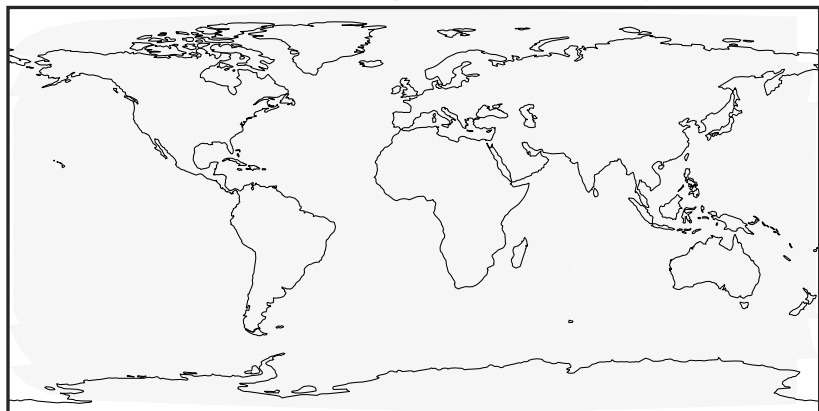
gchp-c24-1Mon-14.1.1 (Ref)
c24



gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24

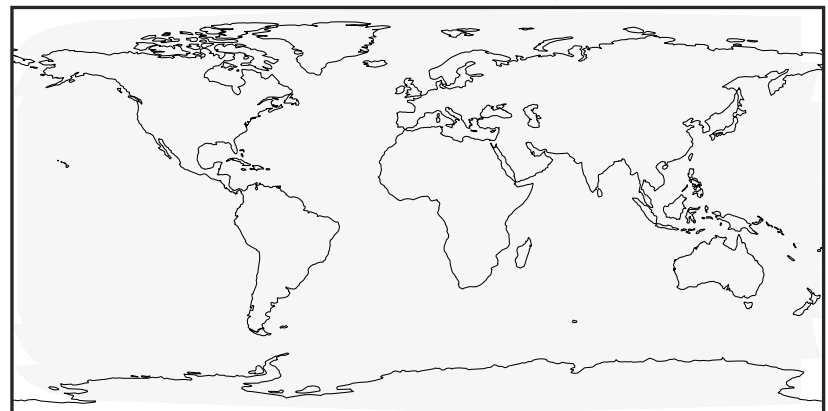


Difference
Dev - Ref, Dynamic Range



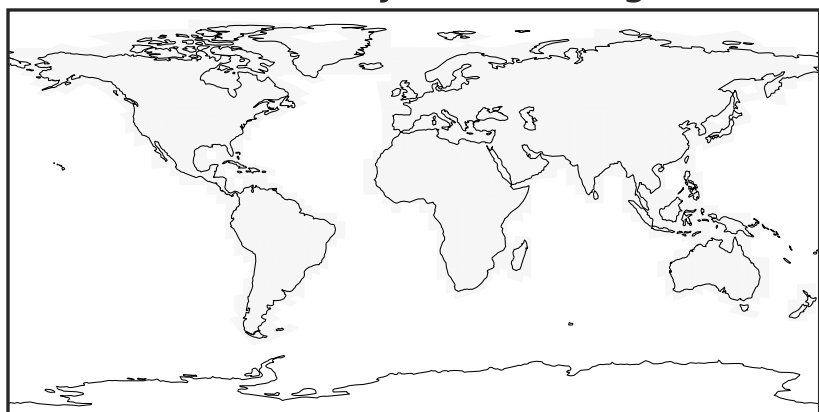
Zero throughout domain
kg/m2/s

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



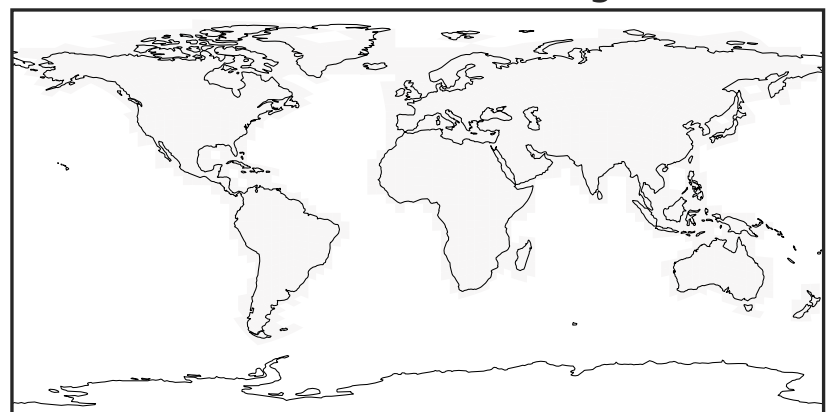
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

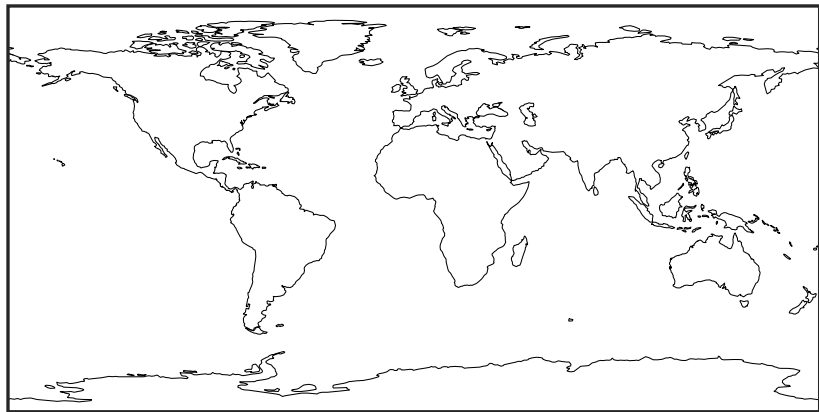
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

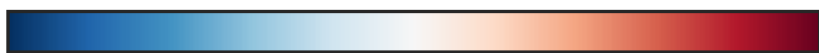
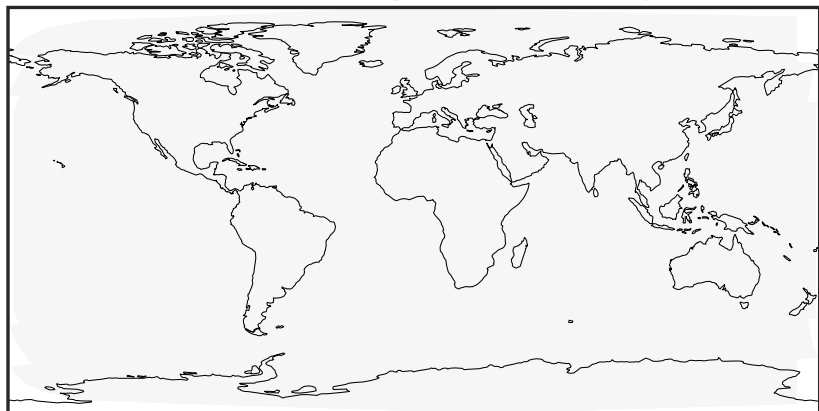
EmisALD2_Ship

gchp-c24-1Mon-14.1.1 (Ref)
c24



Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



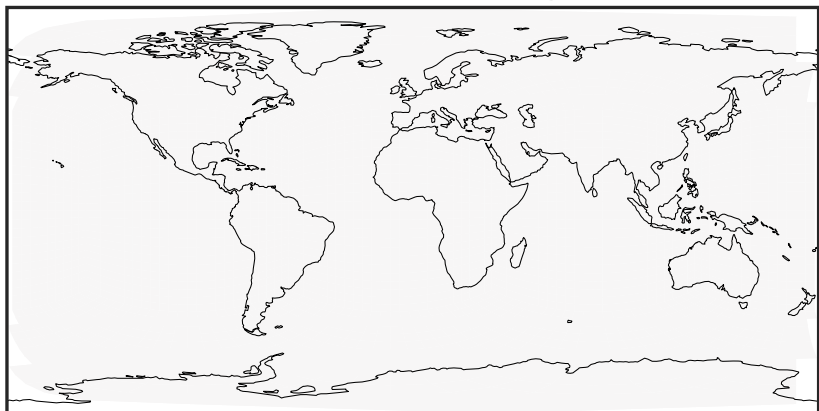
Undefined throughout domain
unitless

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

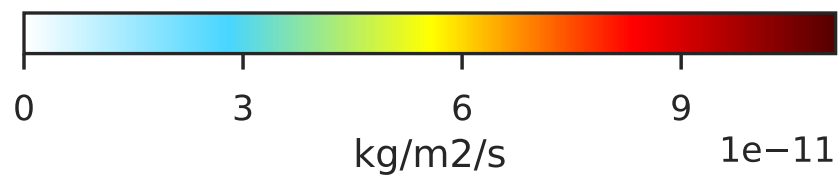
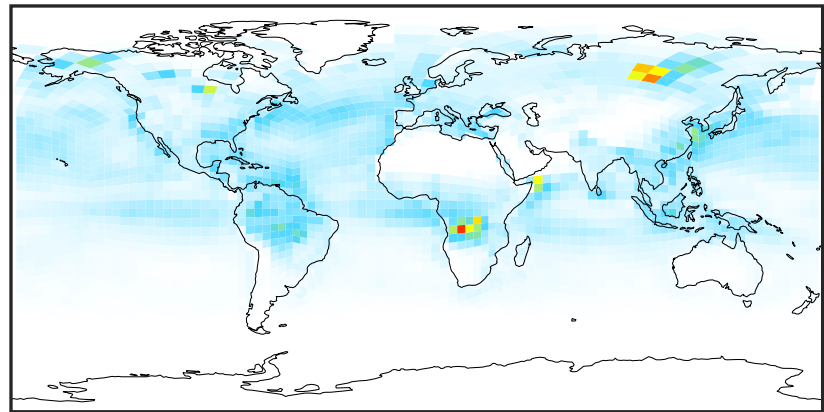
Ratio
Dev/Ref, Fixed Range



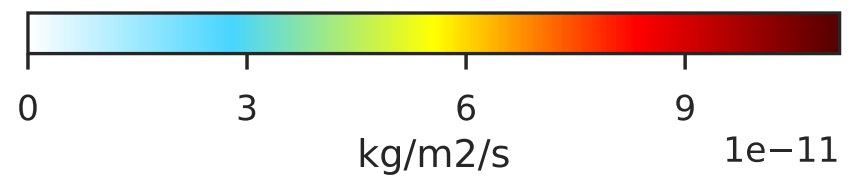
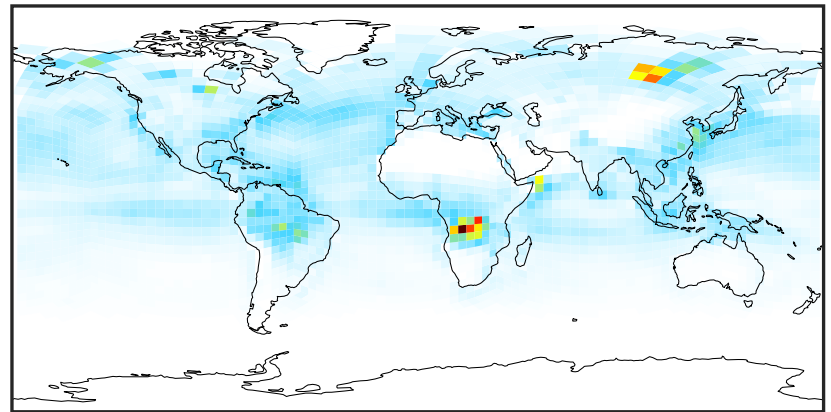
Undefined throughout domain
unitless

EmisALD2_Total

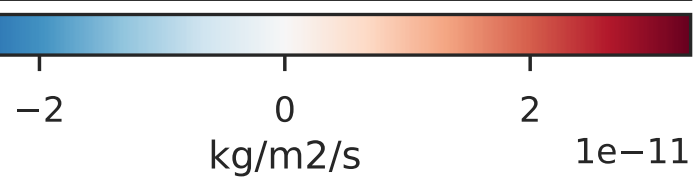
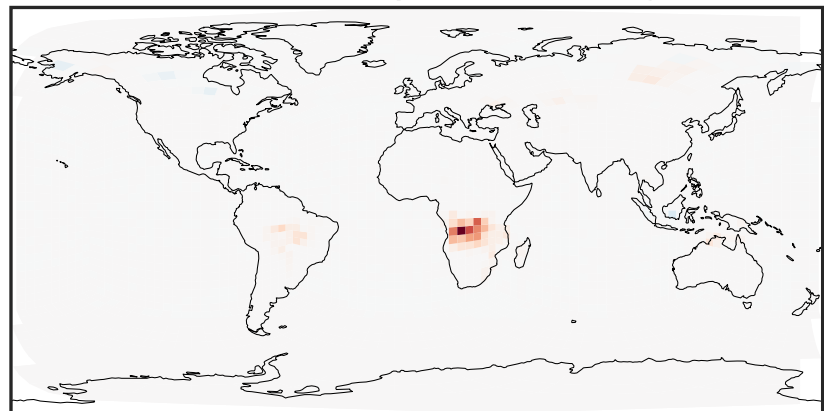
gchp-c24-1Mon-14.1.1 (Ref)
c24



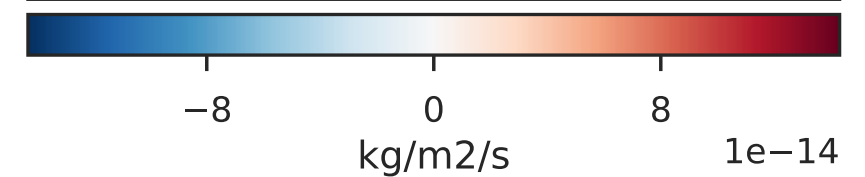
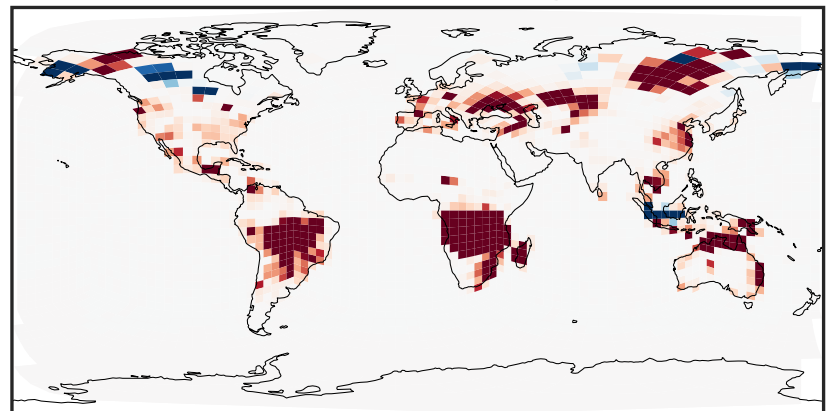
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



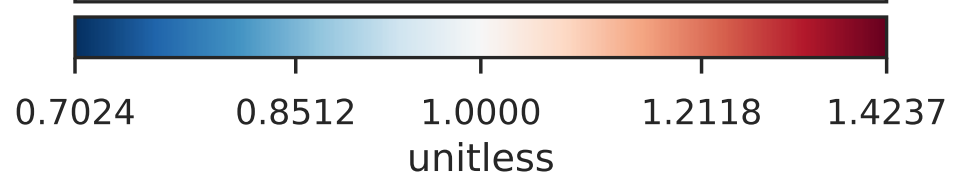
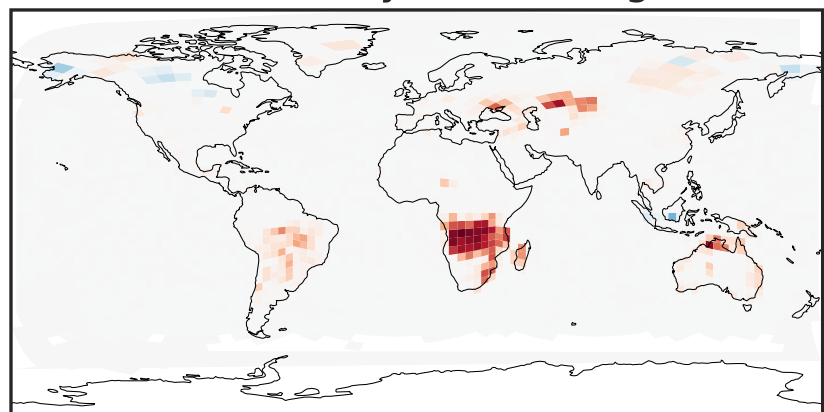
Difference
Dev - Ref, Dynamic Range



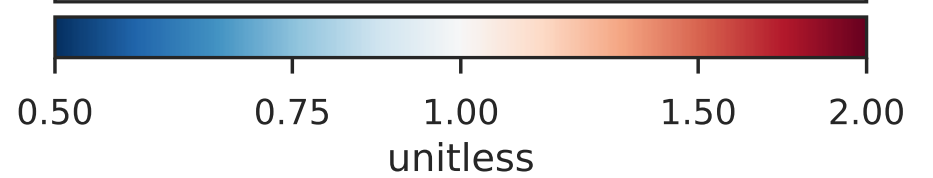
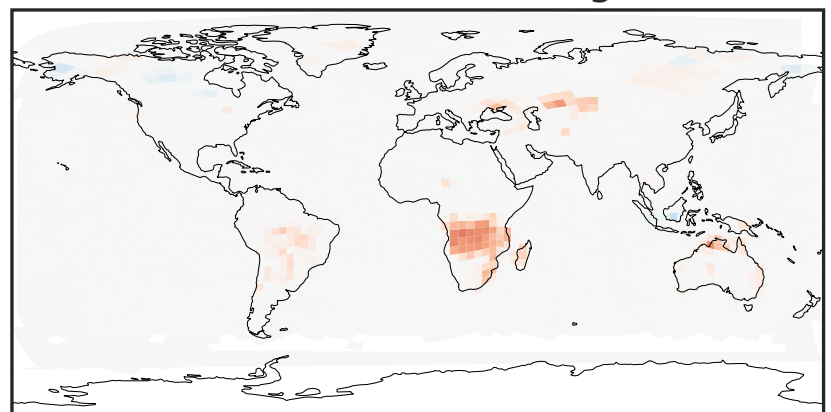
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

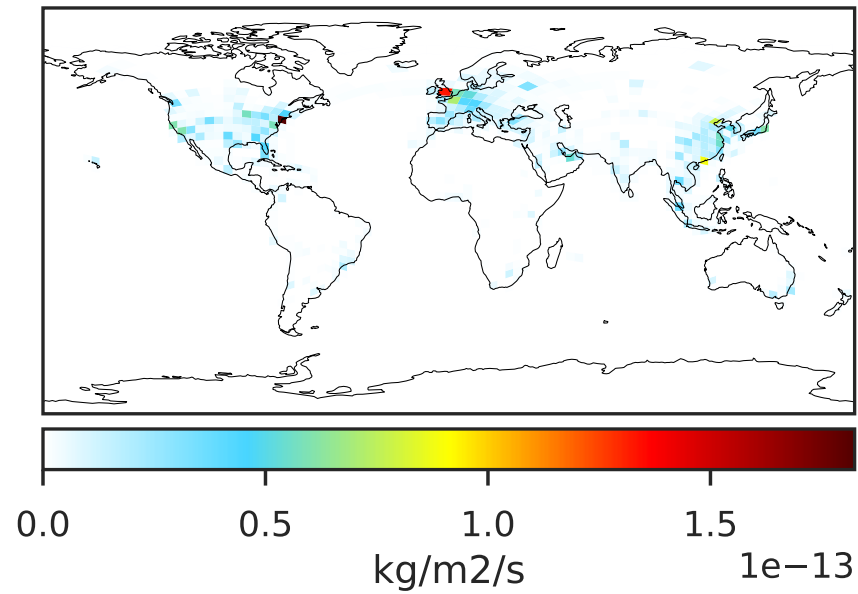


Ratio
Dev/Ref, Fixed Range

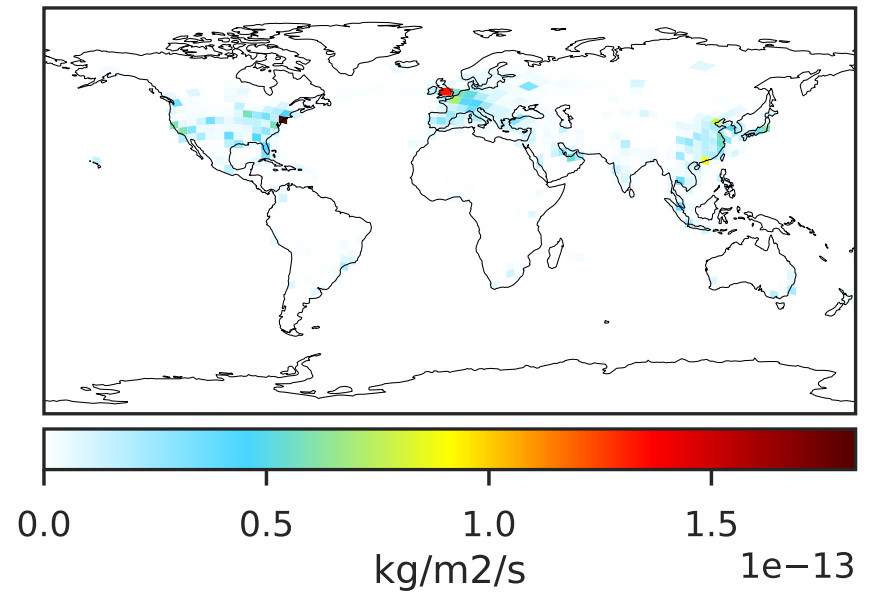


EmisCH20_Aircraft

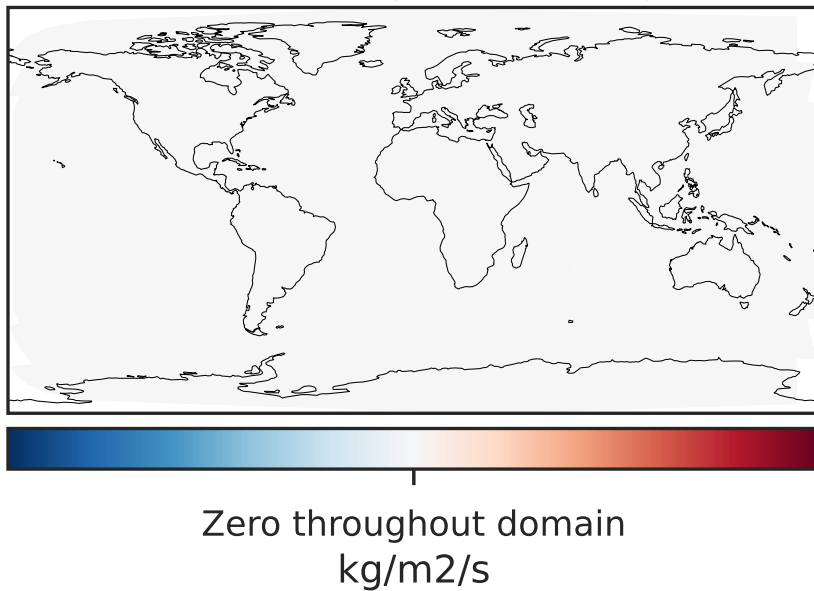
gchp-c24-1Mon-14.1.1 (Ref)
c24



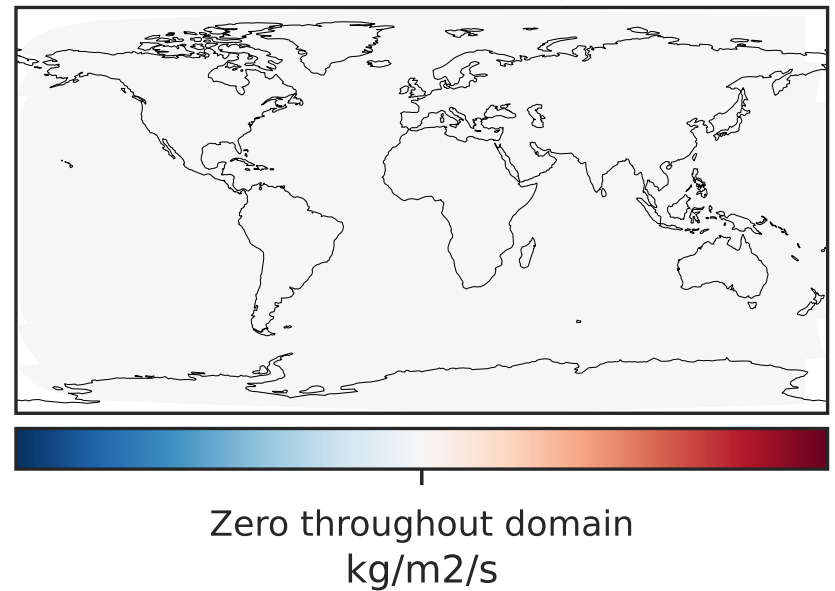
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



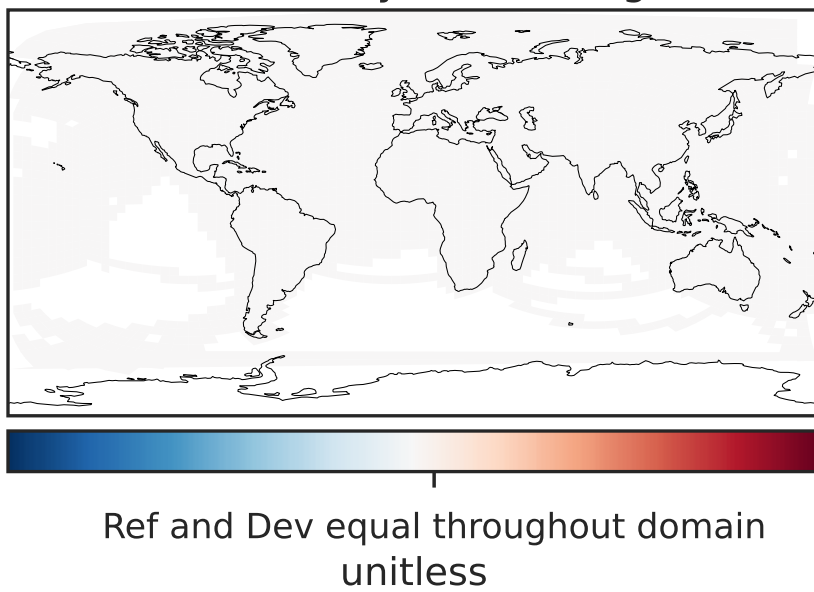
Difference
Dev - Ref, Dynamic Range



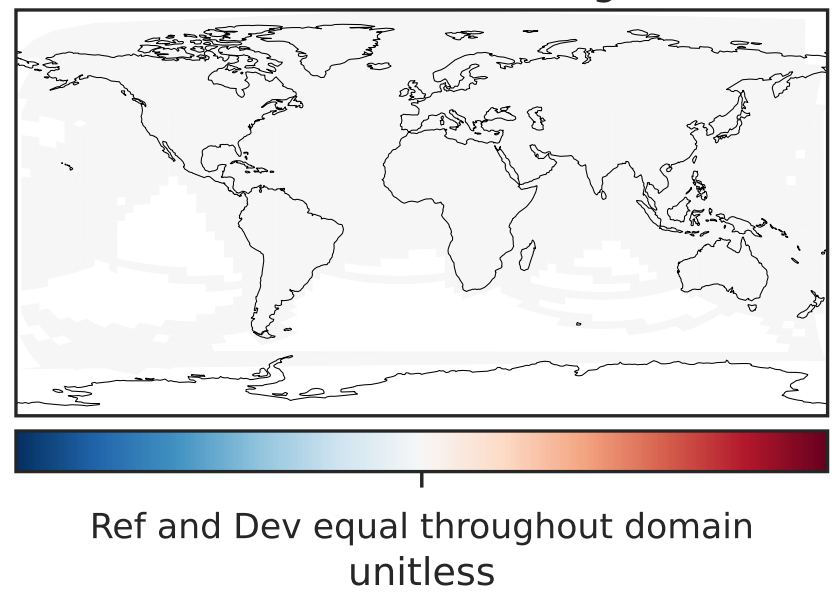
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

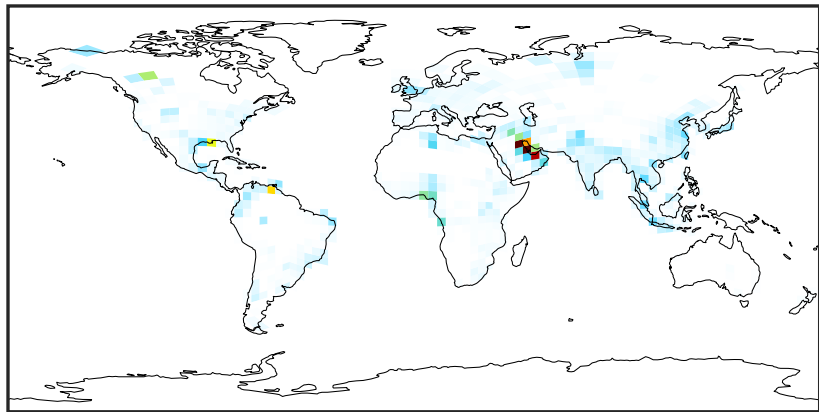


Ratio
Dev/Ref, Fixed Range



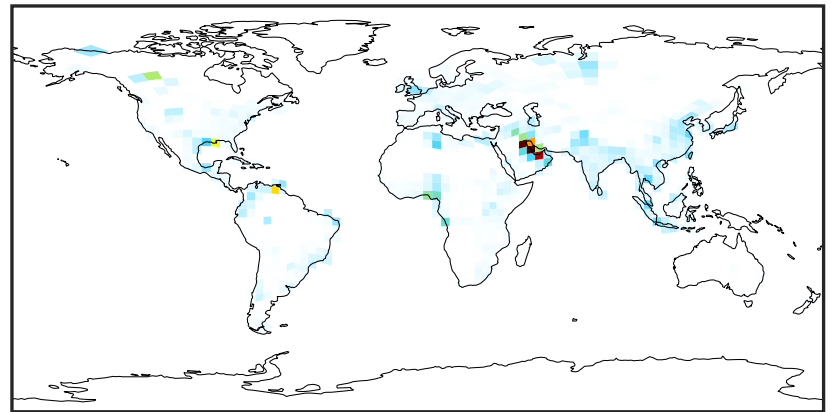
EmisCH2O_Anthro

gchp-c24-1Mon-14.1.1 (Ref)
c24



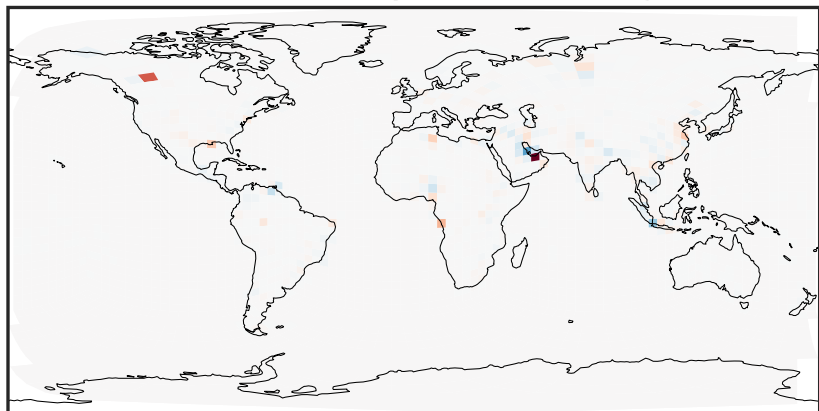
0.0 0.5 1.0 1.5
kg/m2/s 1e-11

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



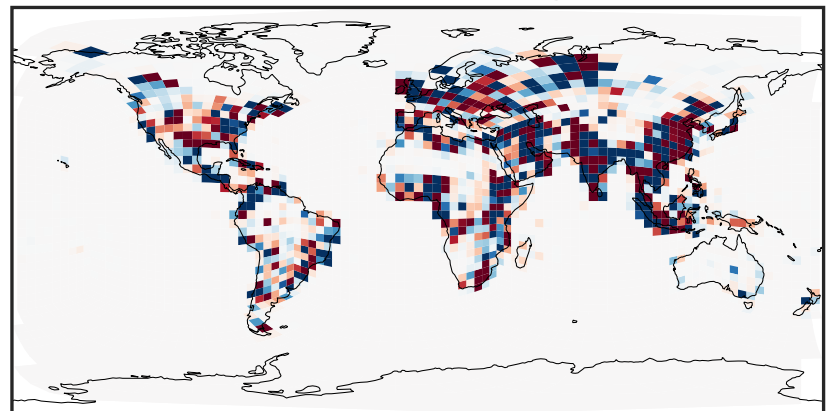
0.0 0.5 1.0 1.5
kg/m2/s 1e-11

Difference
Dev - Ref, Dynamic Range



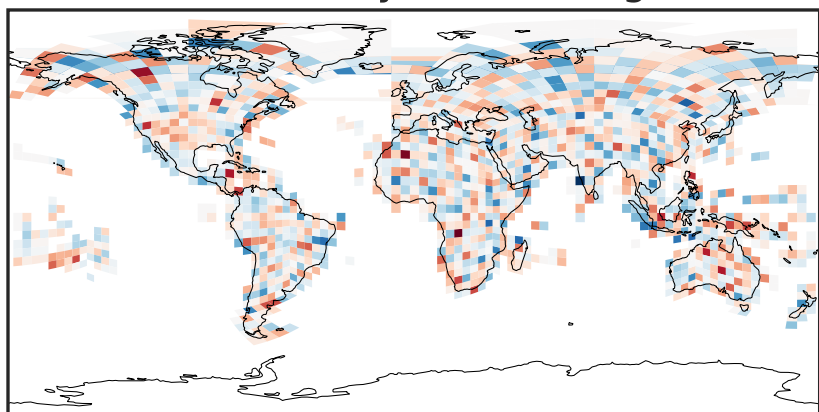
-2 0 2
kg/m2/s 1e-16

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



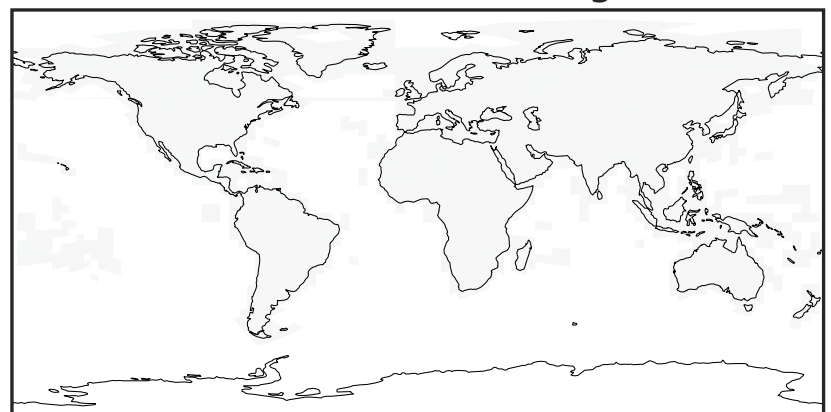
-2 0 2
kg/m2/s 1e-18

Ratio
Dev/Ref, Dynamic Range



0.9999324 1.000000 1.0000676
unitless

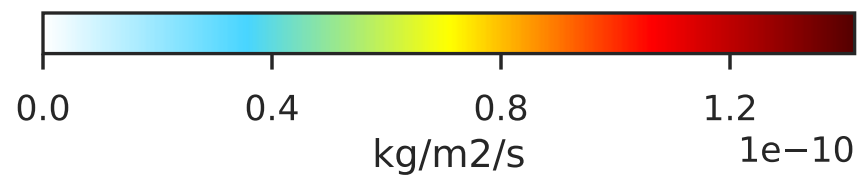
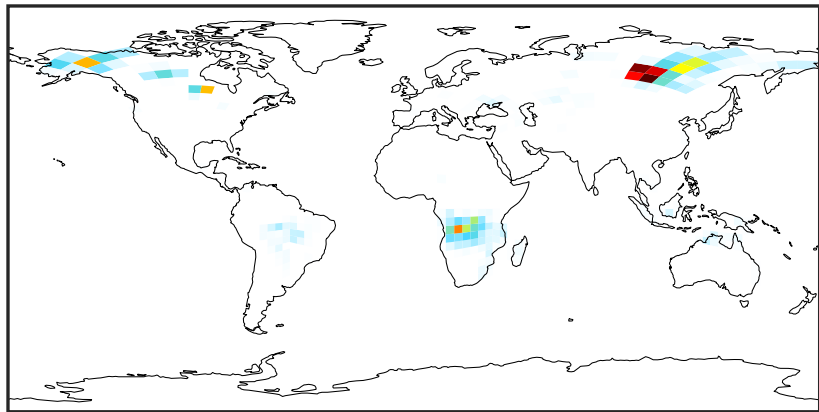
Ratio
Dev/Ref, Fixed Range



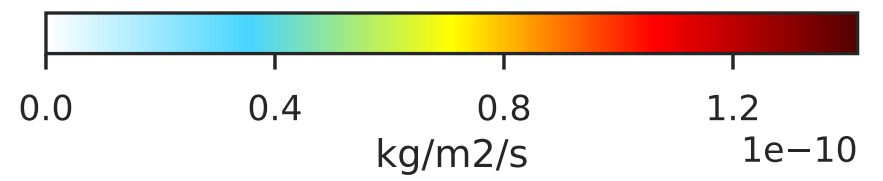
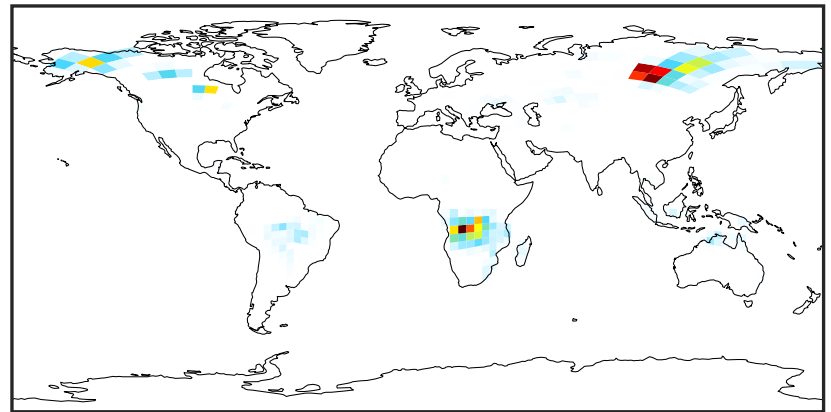
0.50 0.75 1.00 1.50 2.00
unitless

EmisCH2O_BioBurn

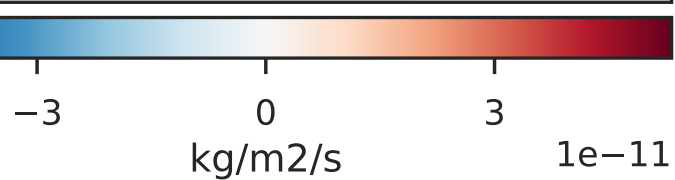
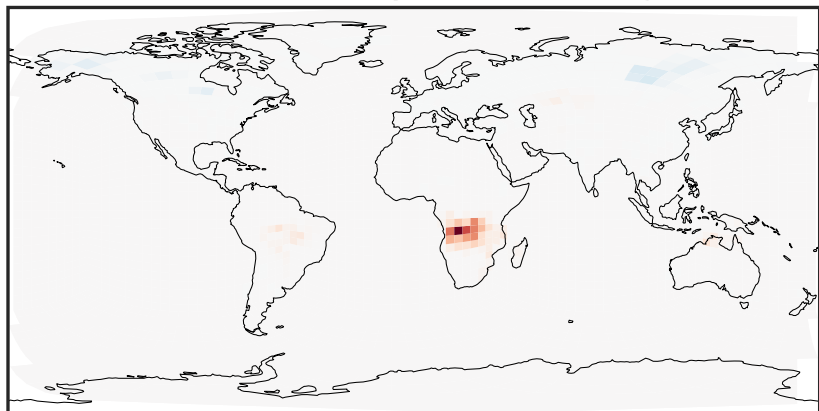
gchp-c24-1Mon-14.1.1 (Ref)
c24



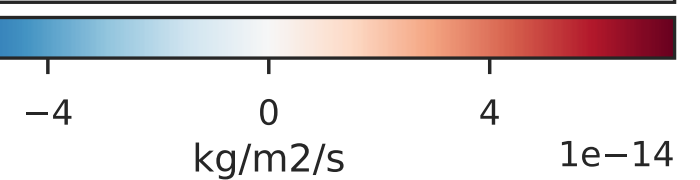
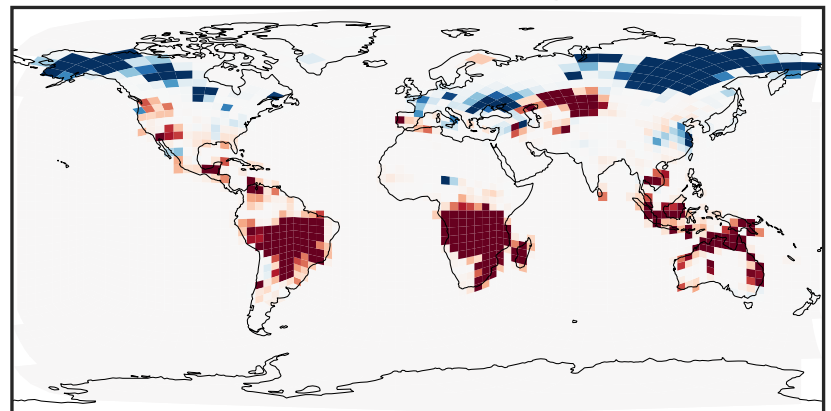
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



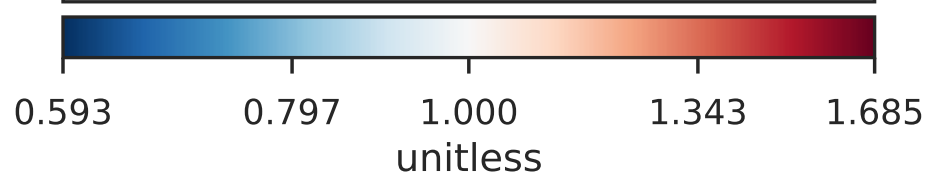
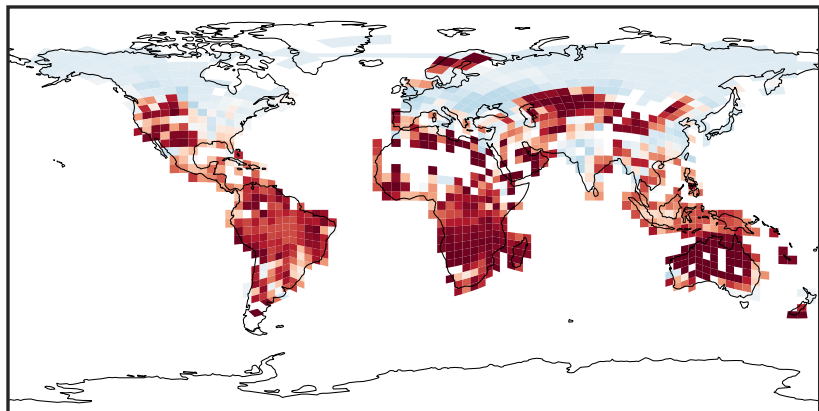
Difference
Dev - Ref, Dynamic Range



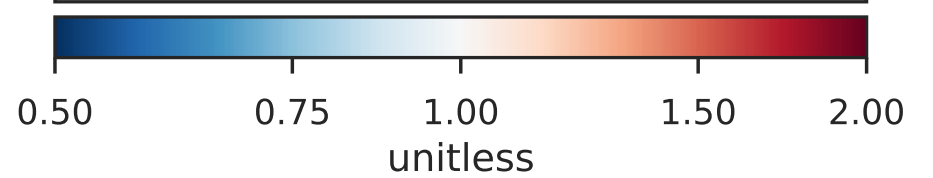
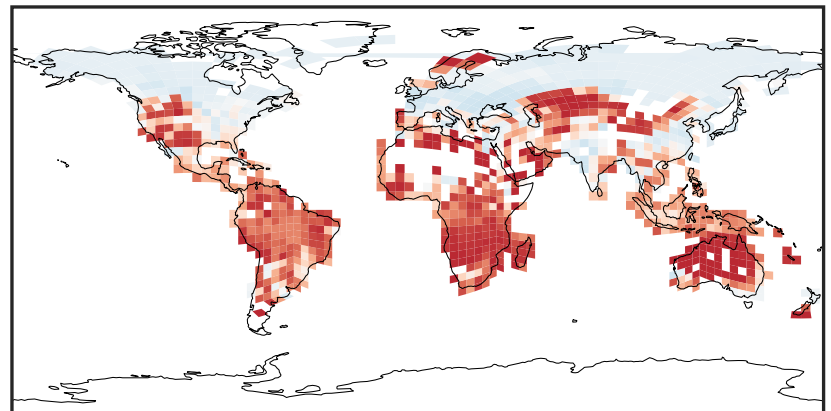
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

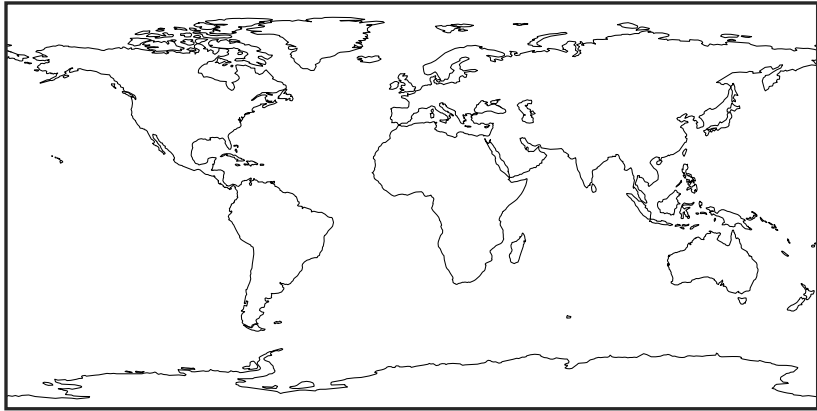


Ratio
Dev/Ref, Fixed Range



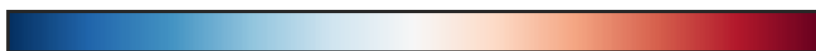
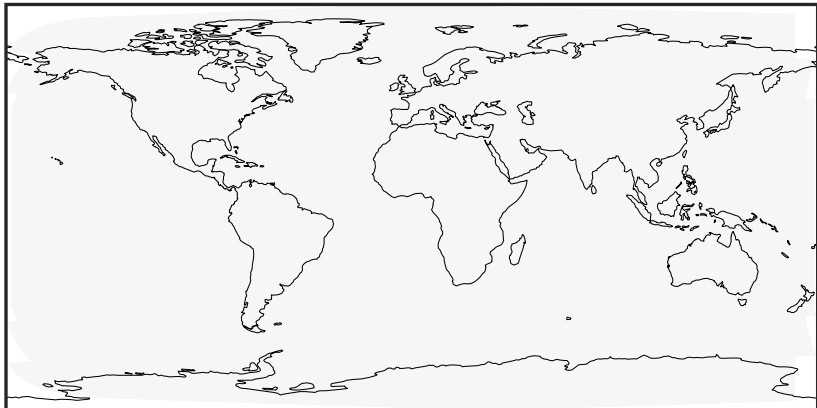
EmisCH20_Ship

gchp-c24-1Mon-14.1.1 (Ref)
c24



Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



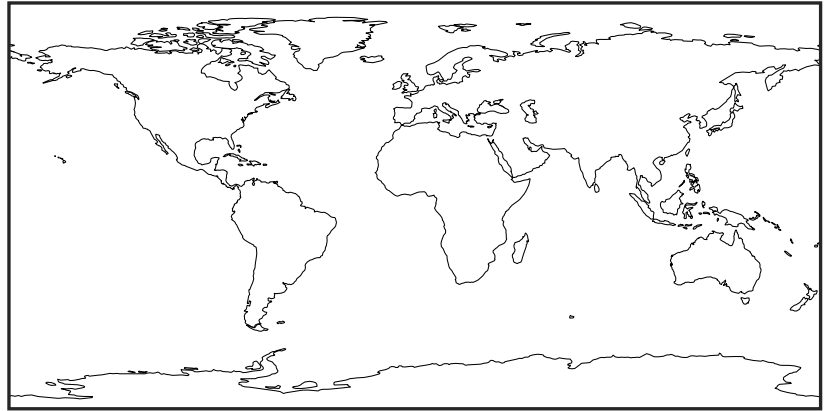
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



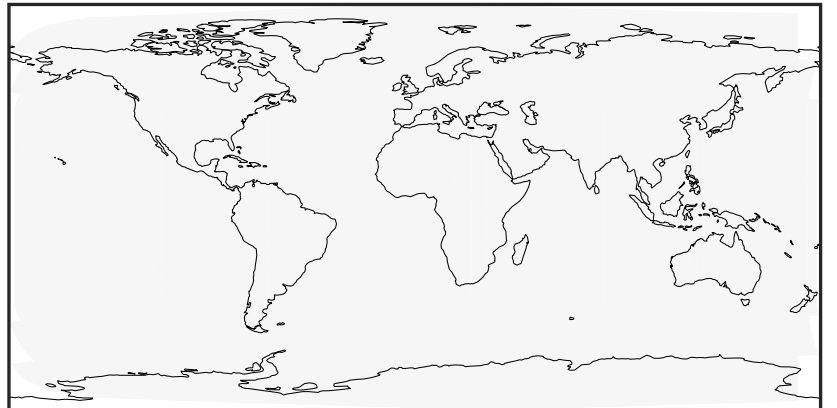
Undefined throughout domain
unitless

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



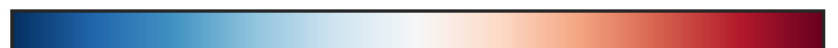
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

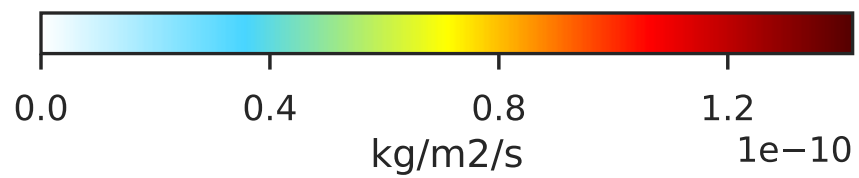
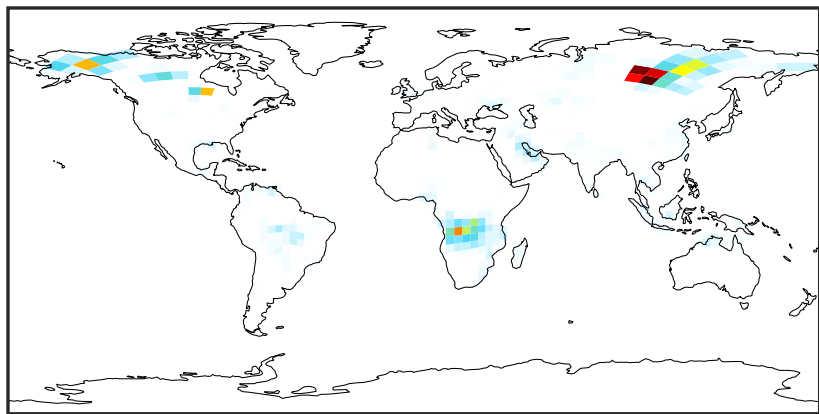
Ratio
Dev/Ref, Fixed Range



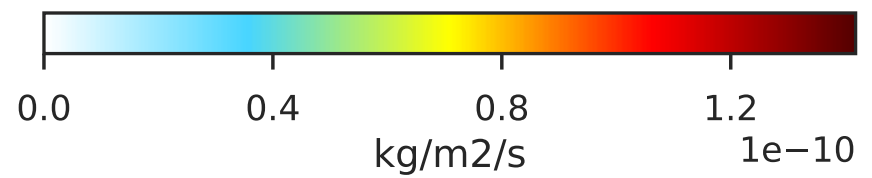
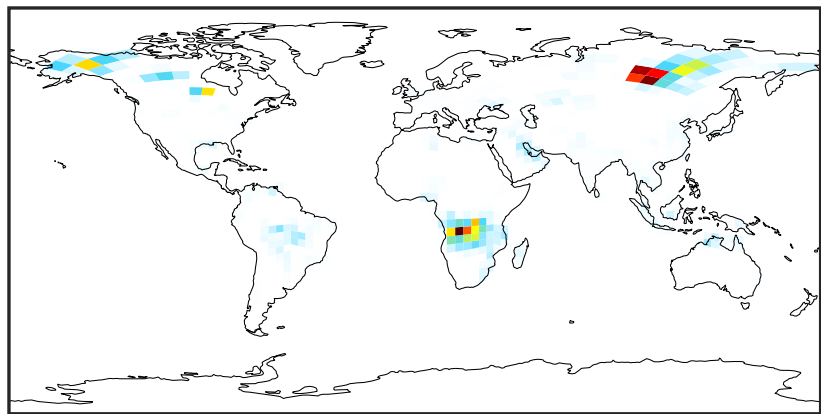
Undefined throughout domain
unitless

EmisCH2O_Total

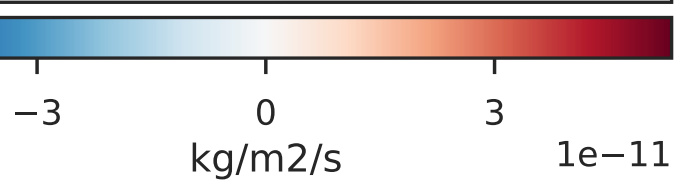
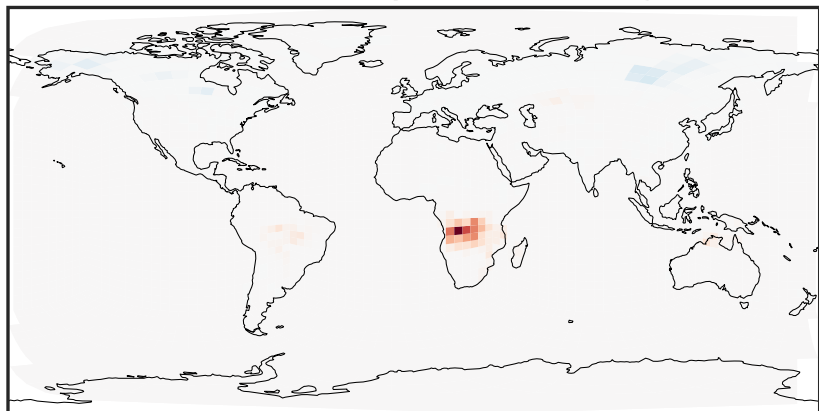
gchp-c24-1Mon-14.1.1 (Ref)
c24



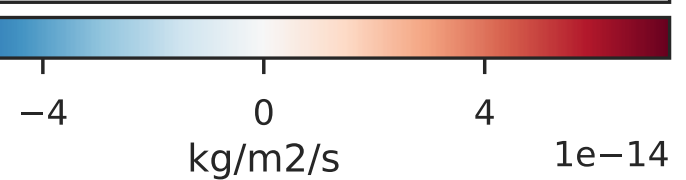
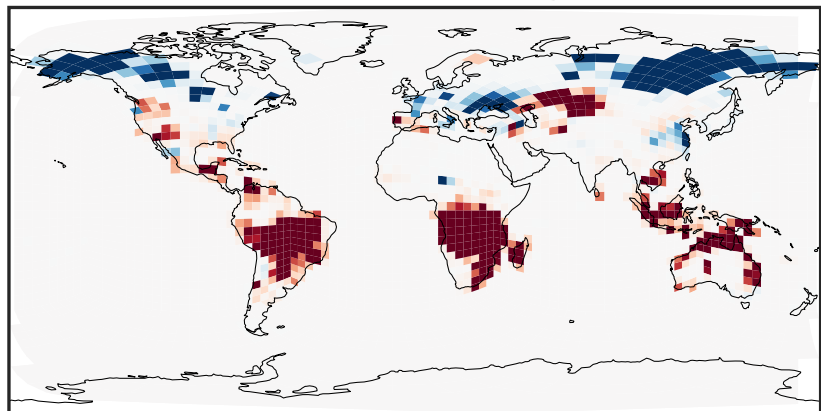
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



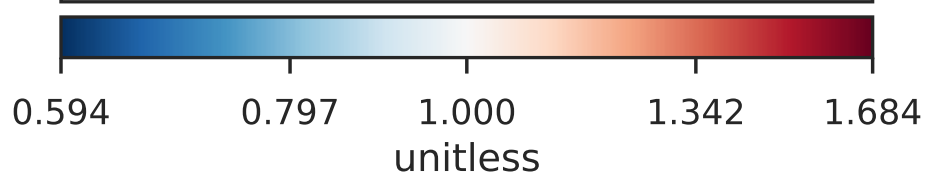
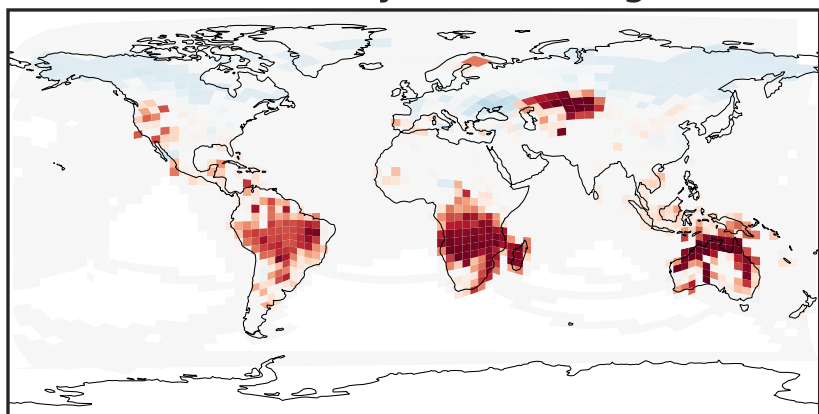
Difference
Dev - Ref, Dynamic Range



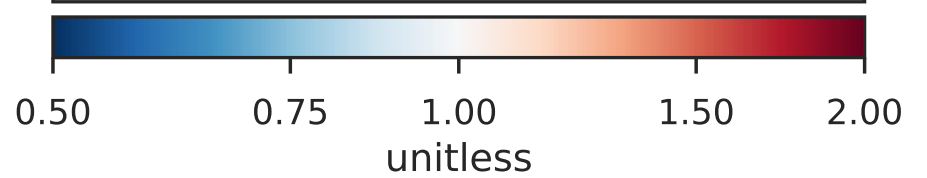
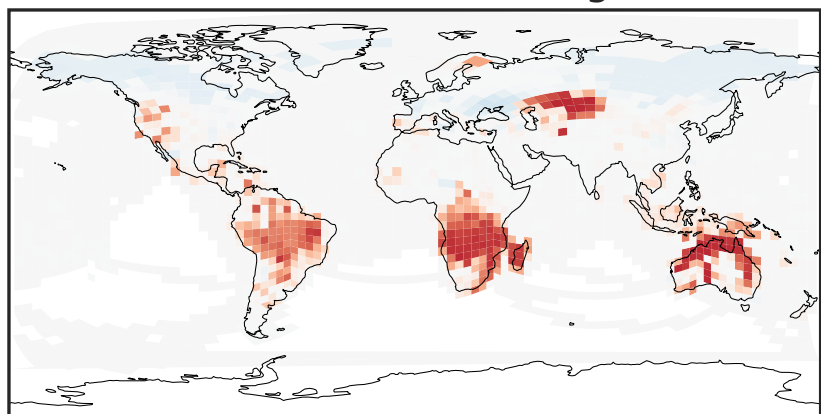
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

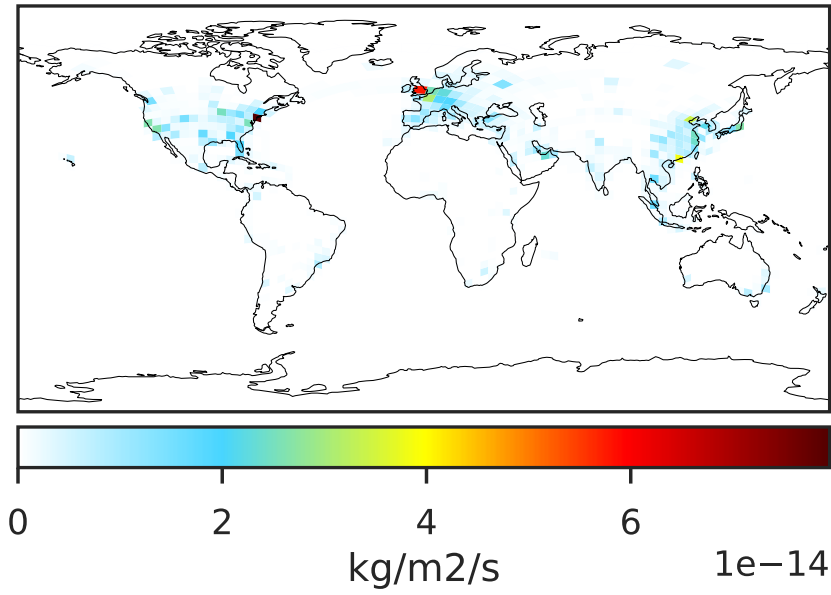


Ratio
Dev/Ref, Fixed Range

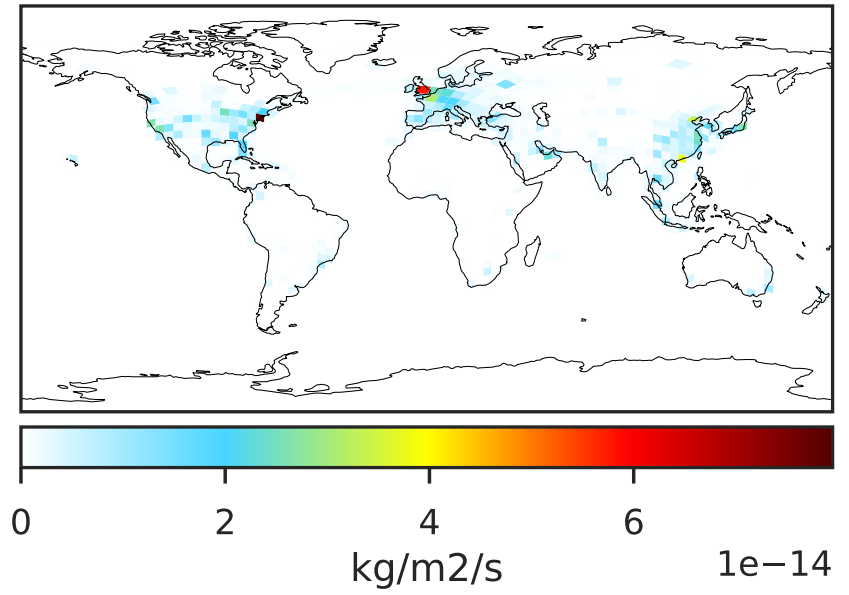


EmisMACR_Aircraft

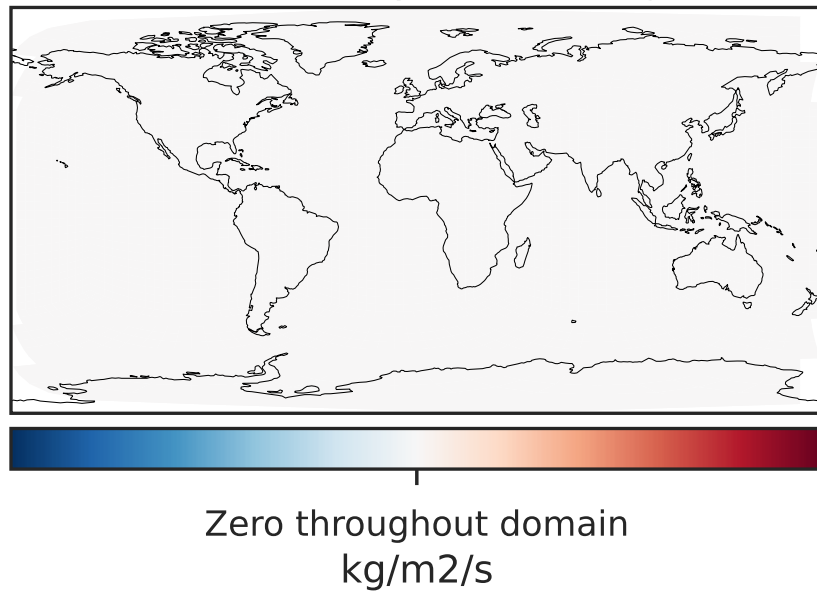
gchp-c24-1Mon-14.1.1 (Ref)
c24



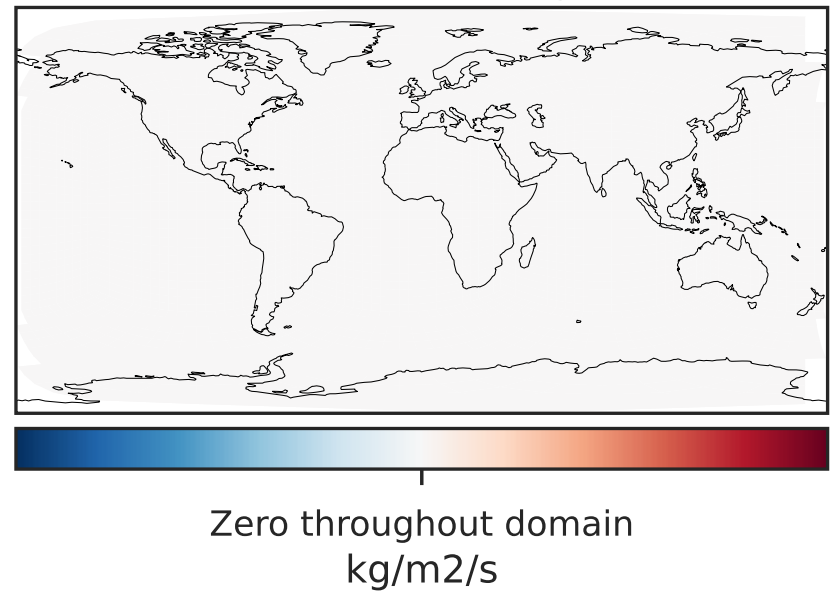
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



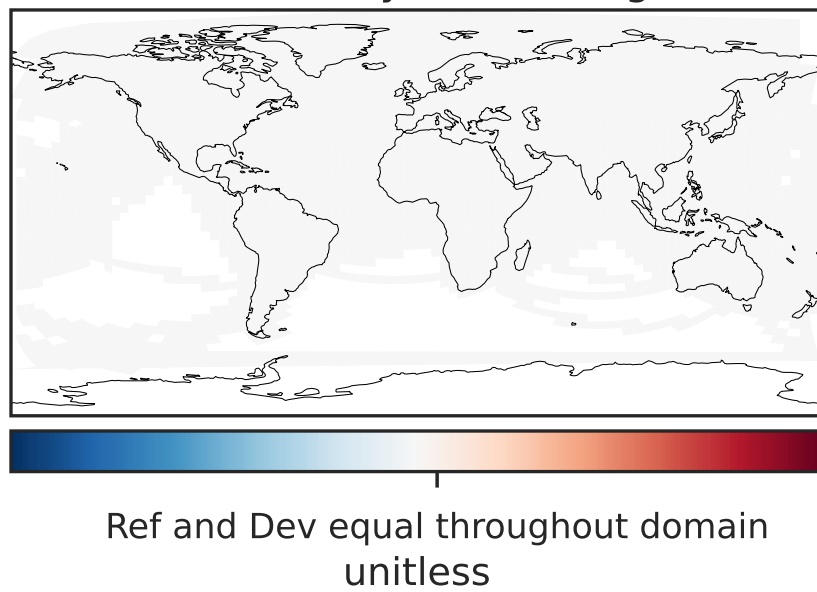
Difference
Dev - Ref, Dynamic Range



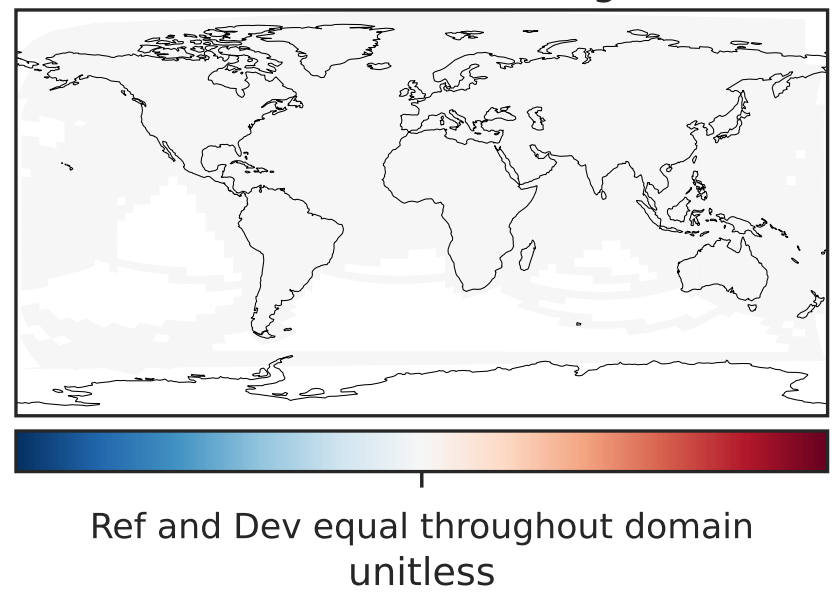
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

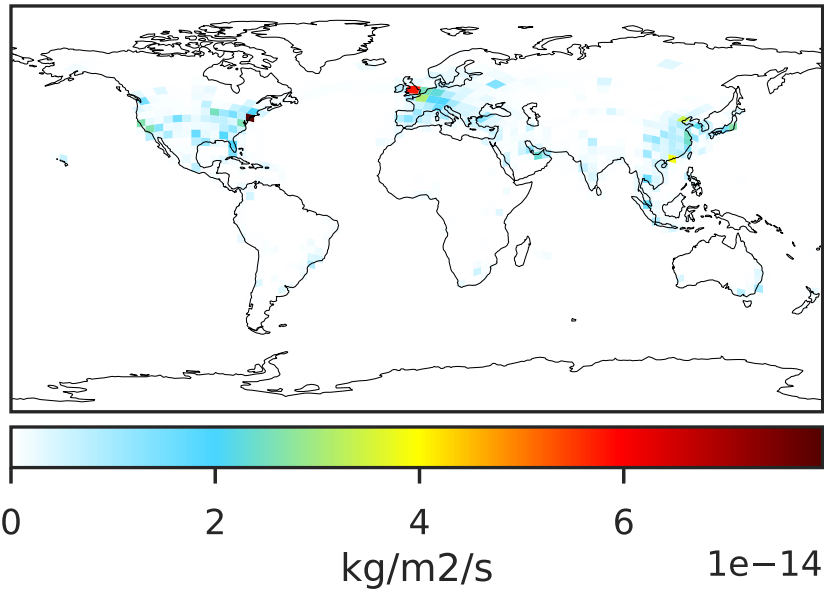


Ratio
Dev/Ref, Fixed Range

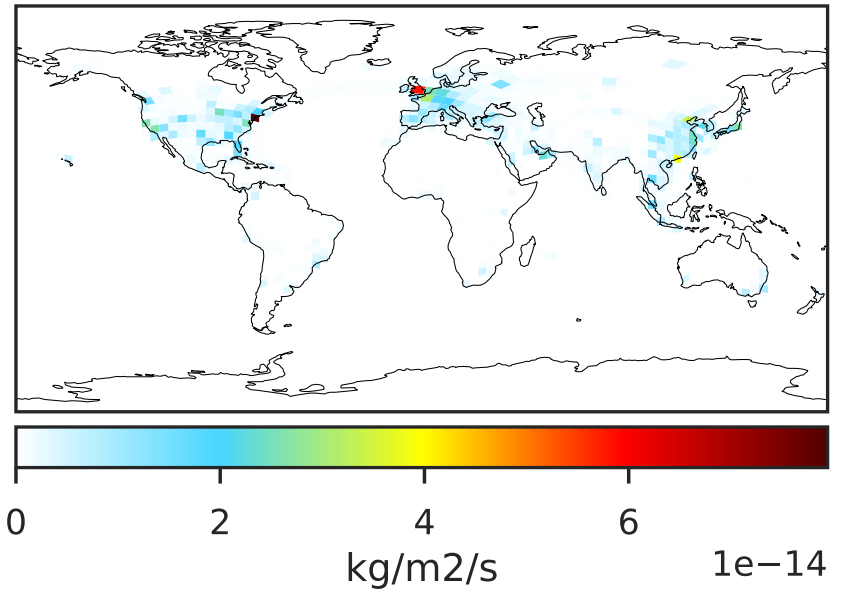


EmisMACR_Total

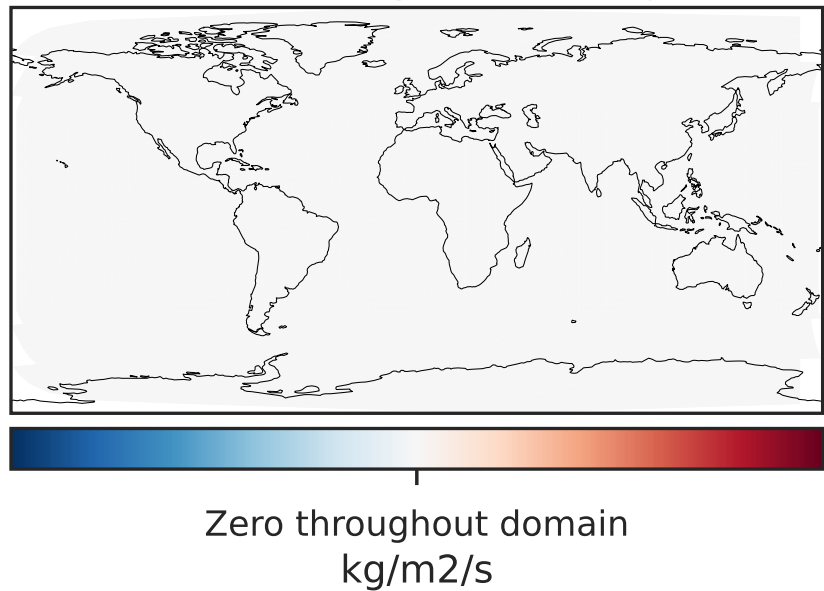
gchp-c24-1Mon-14.1.1 (Ref)
c24



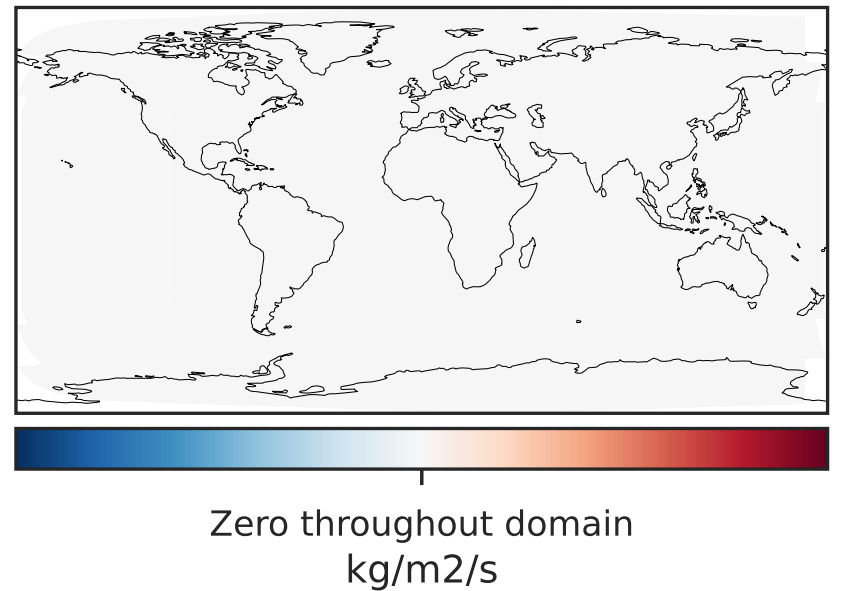
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



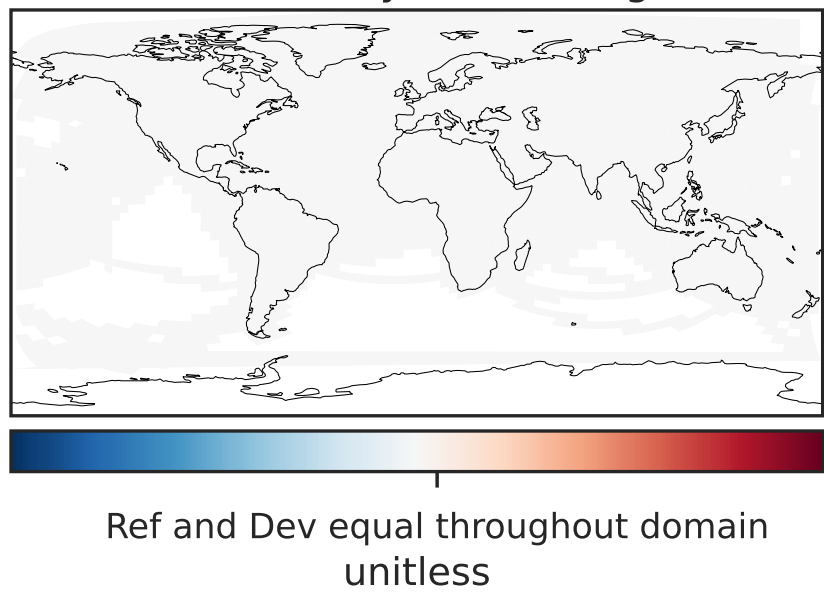
Difference
Dev - Ref, Dynamic Range



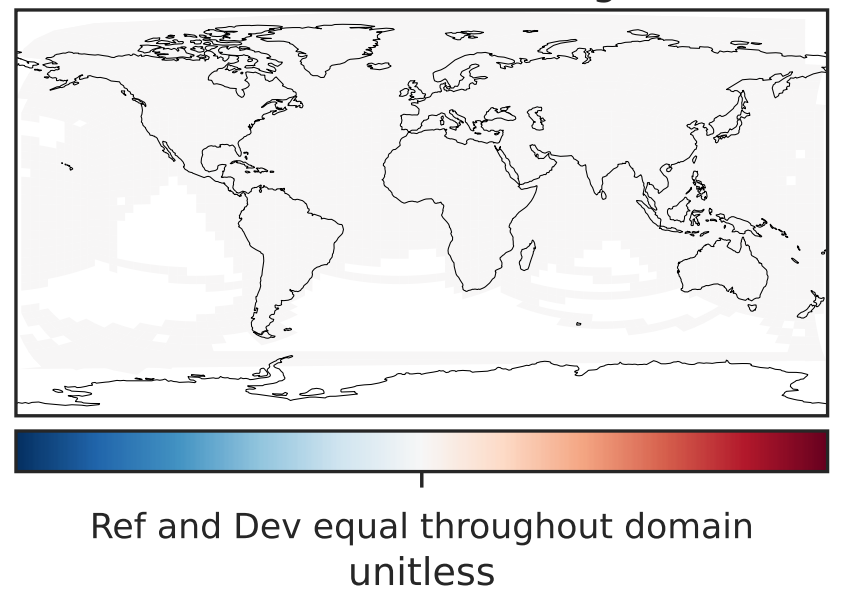
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

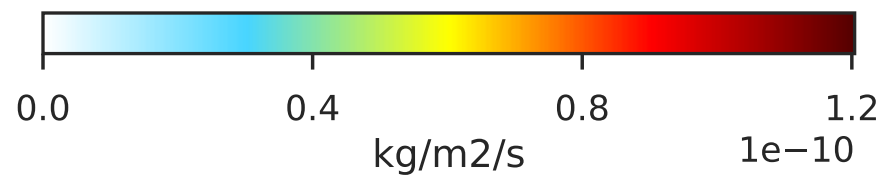
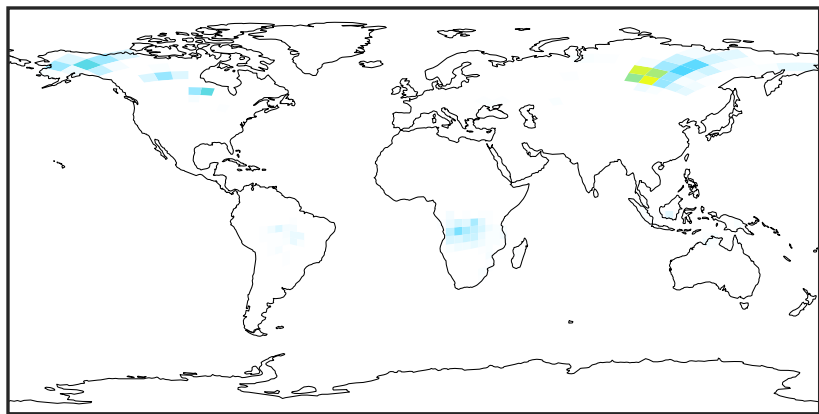


Ratio
Dev/Ref, Fixed Range

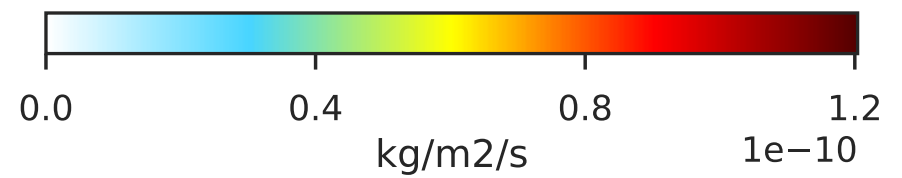
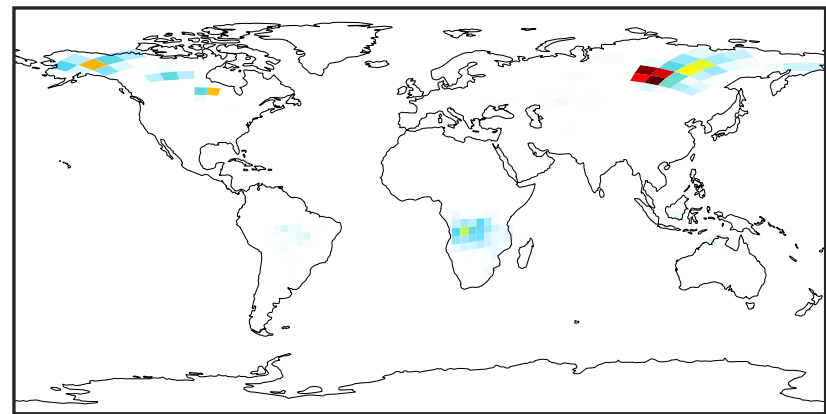


EmisACET_BioBurn

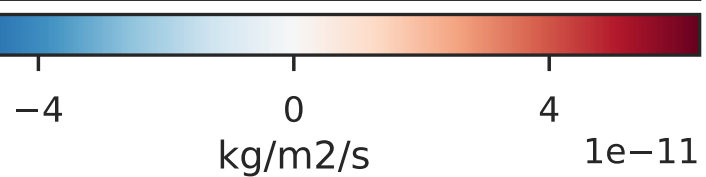
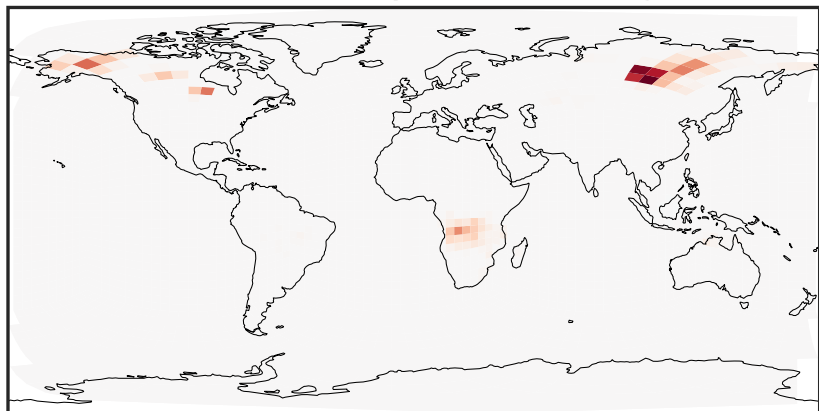
gchp-c24-1Mon-14.1.1 (Ref)
c24



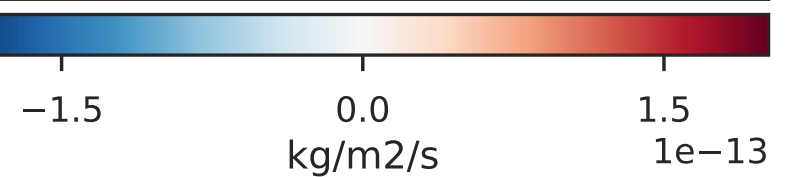
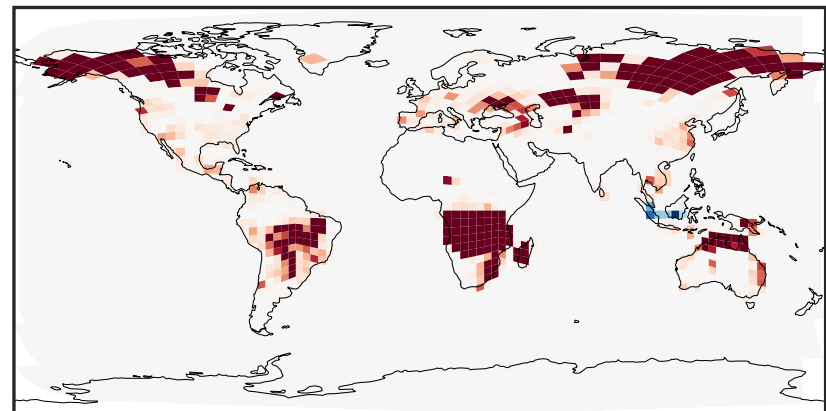
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



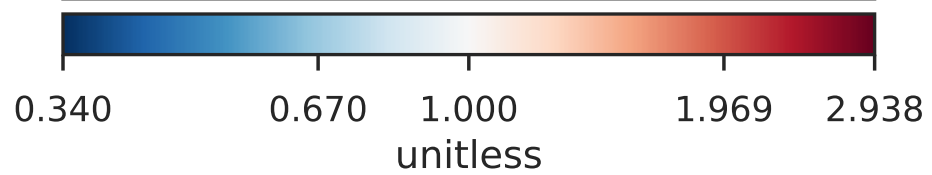
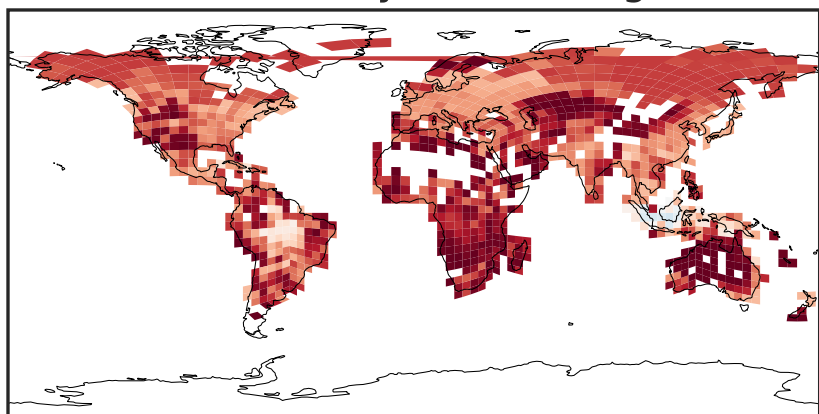
Difference
Dev - Ref, Dynamic Range



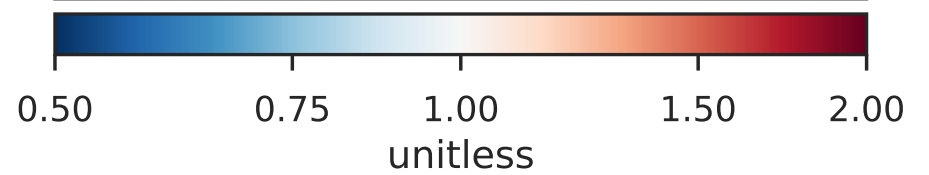
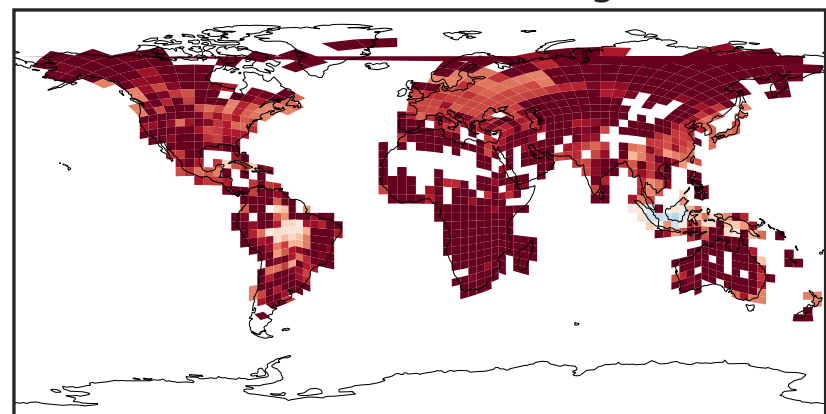
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

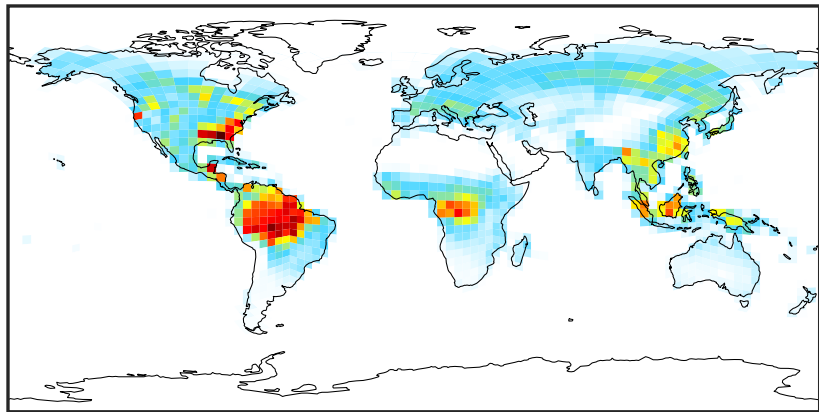


Ratio
Dev/Ref, Fixed Range



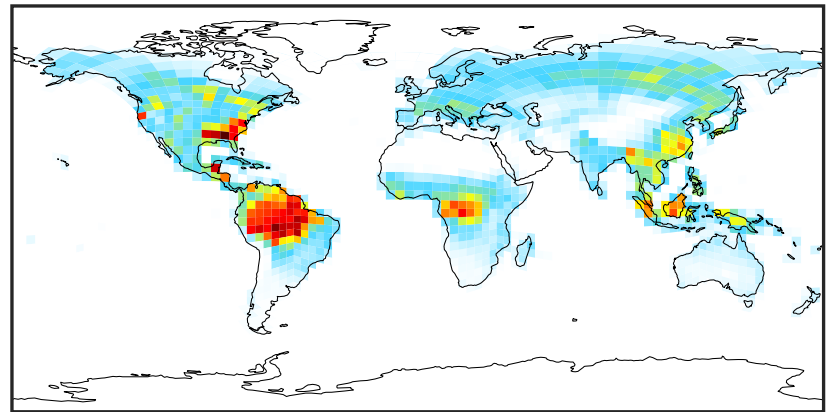
EmisACET_Biogenic

gchp-c24-1Mon-14.1.1 (Ref)
c24



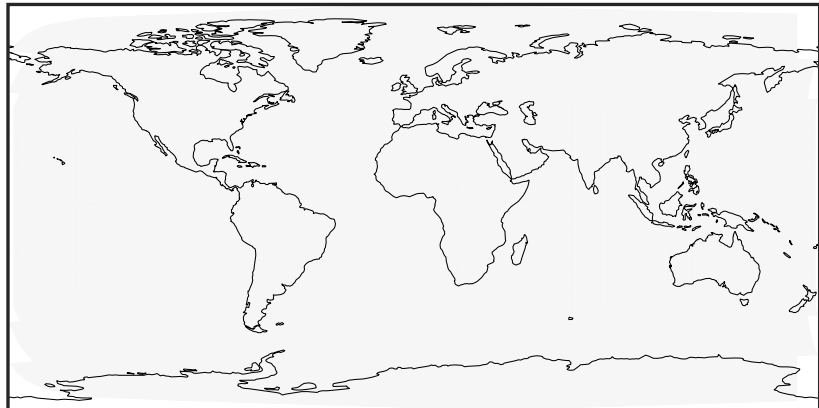
0.0 1.5 3.0 4.5
kg/m²/s 1e-11

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



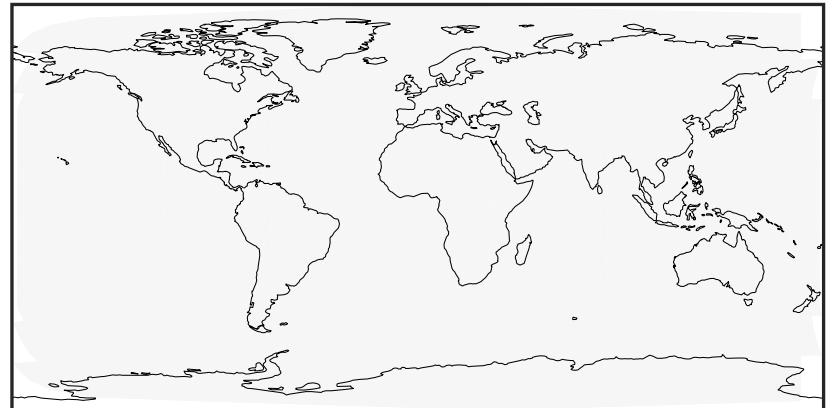
0.0 1.5 3.0 4.5
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



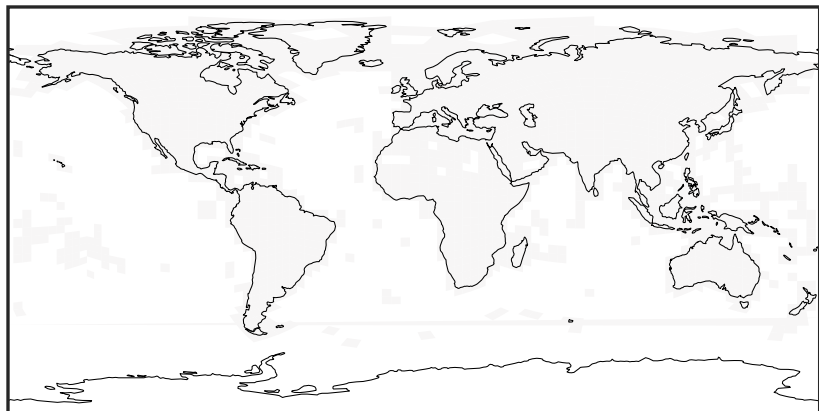
Zero throughout domain
kg/m²/s

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



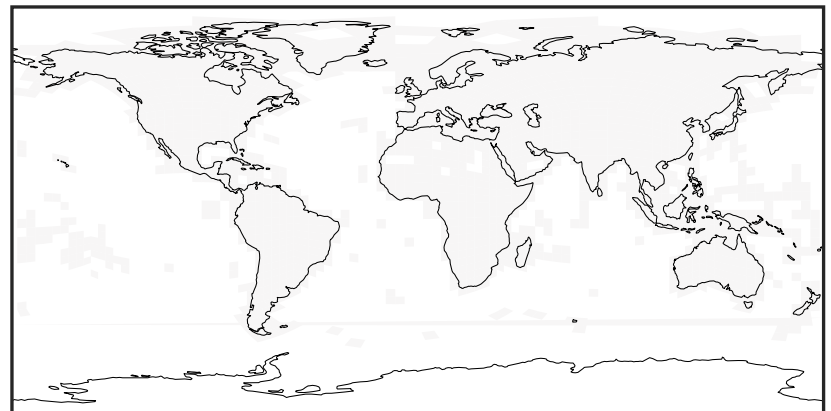
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

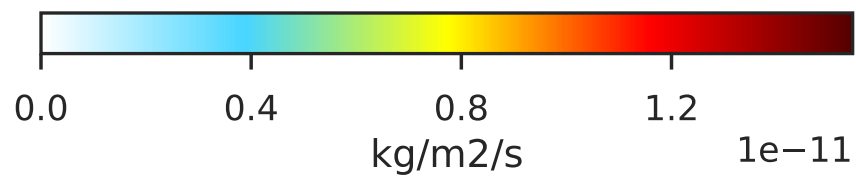
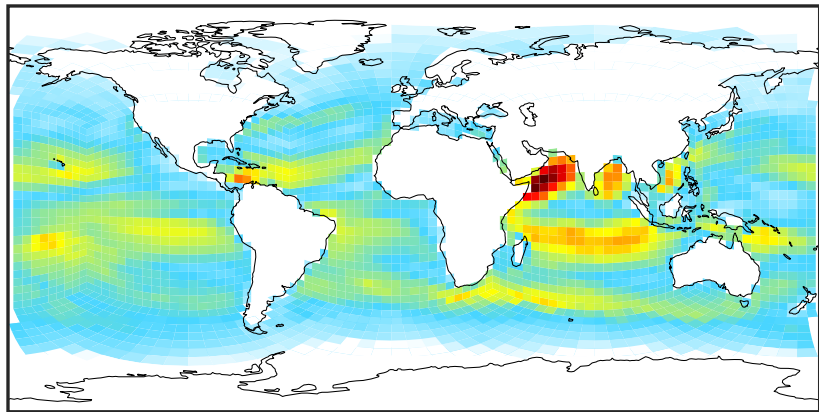
Ratio
Dev/Ref, Fixed Range



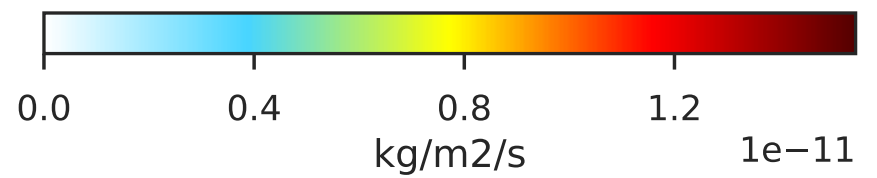
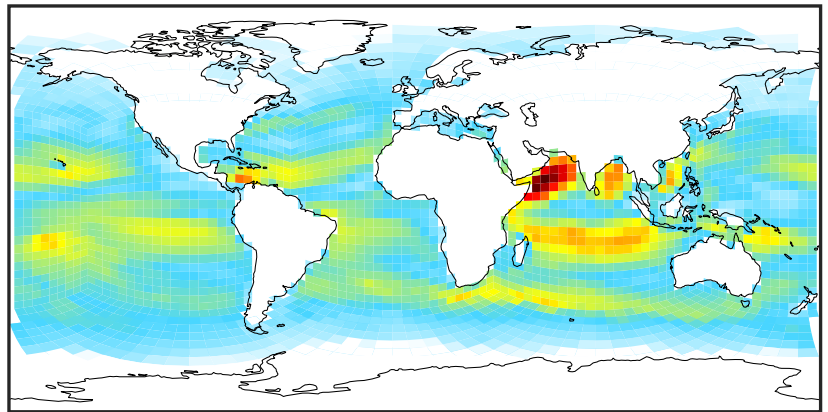
Ref and Dev equal throughout domain
unitless

EmisACET_Ocean

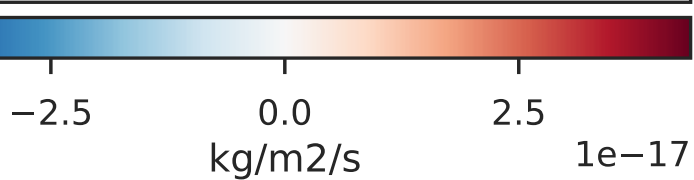
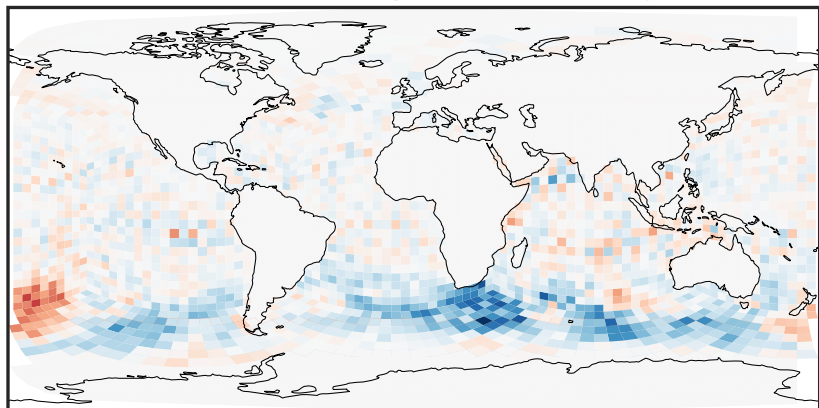
gchp-c24-1Mon-14.1.1 (Ref)
c24



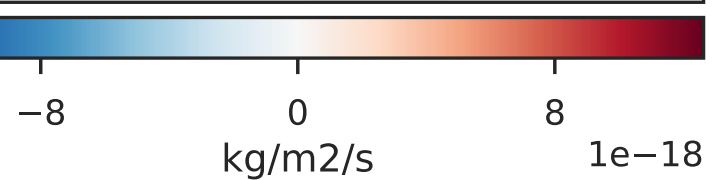
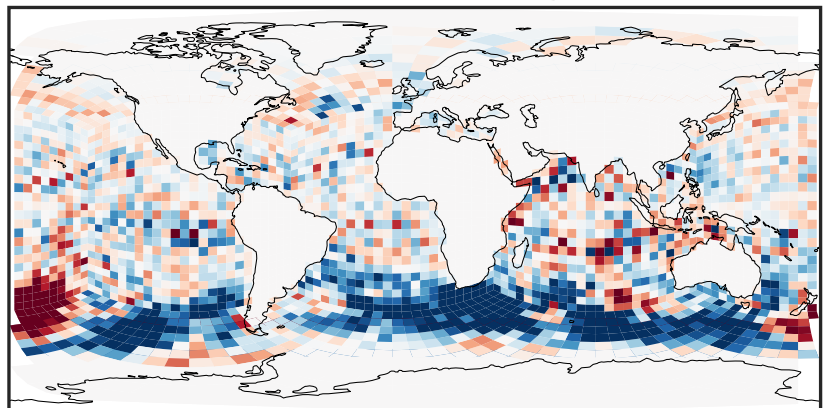
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



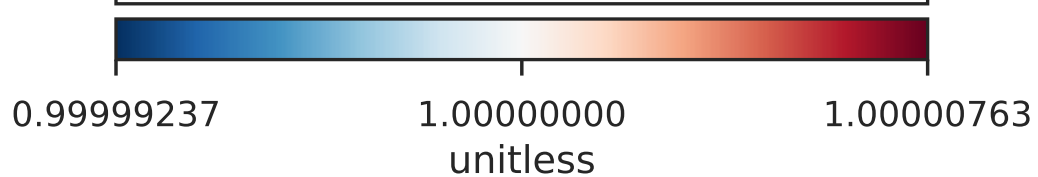
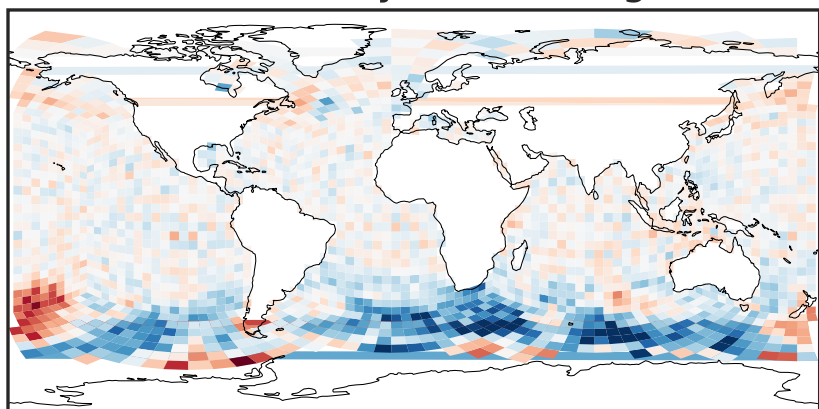
Difference
Dev - Ref, Dynamic Range



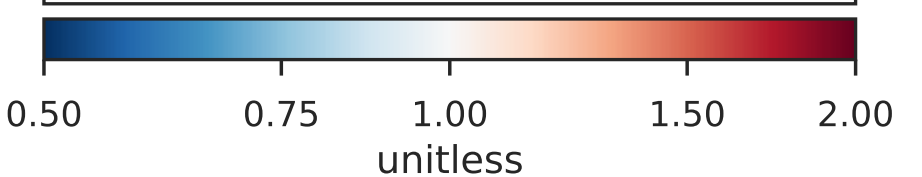
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

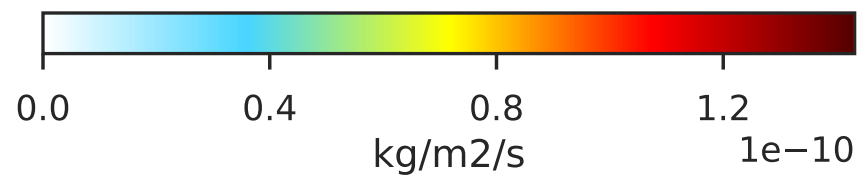
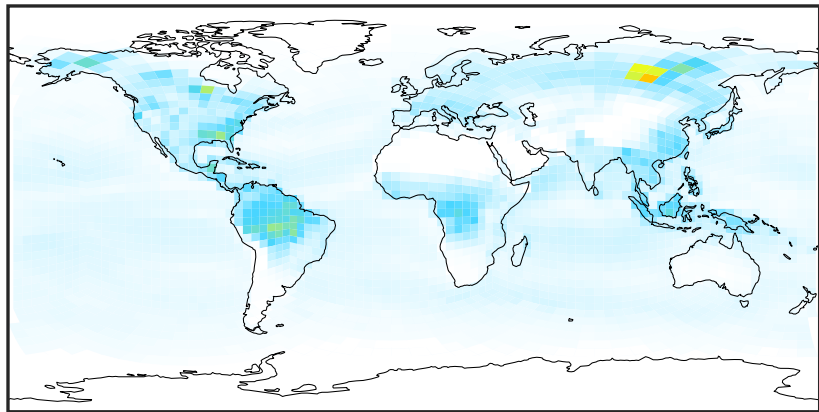


Ratio
Dev/Ref, Fixed Range

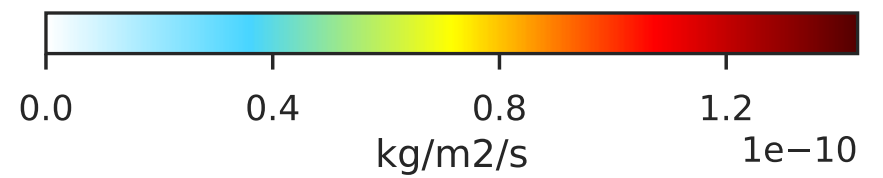
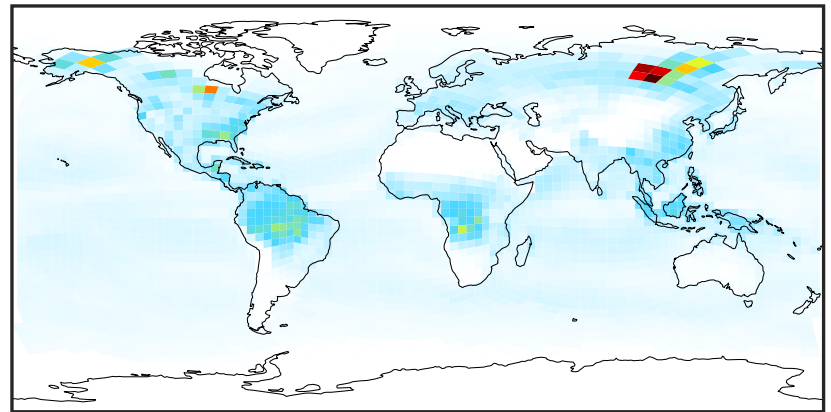


EmisACET_Total

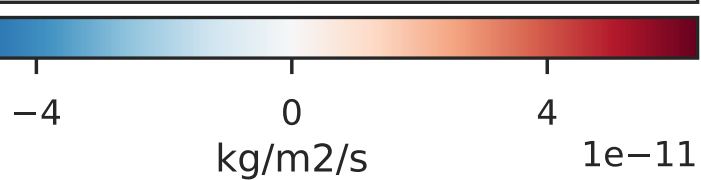
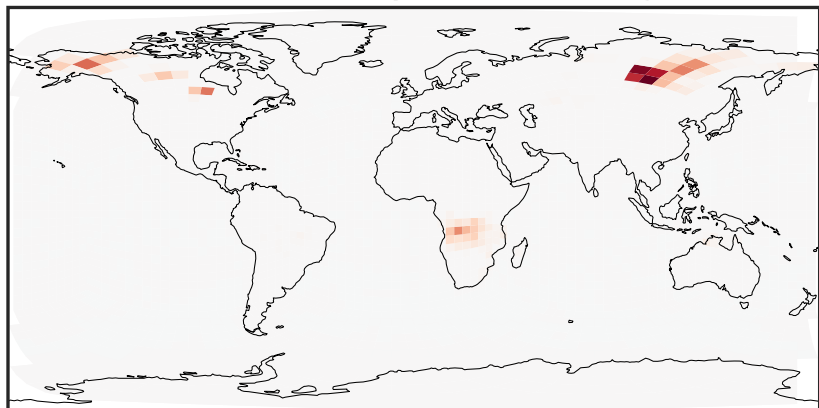
gchp-c24-1Mon-14.1.1 (Ref)
c24



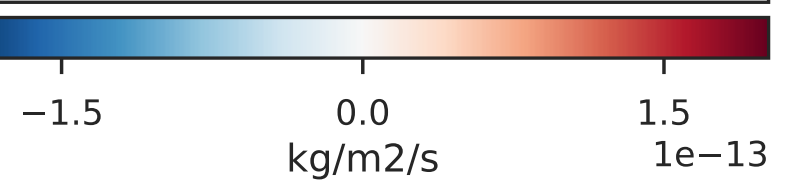
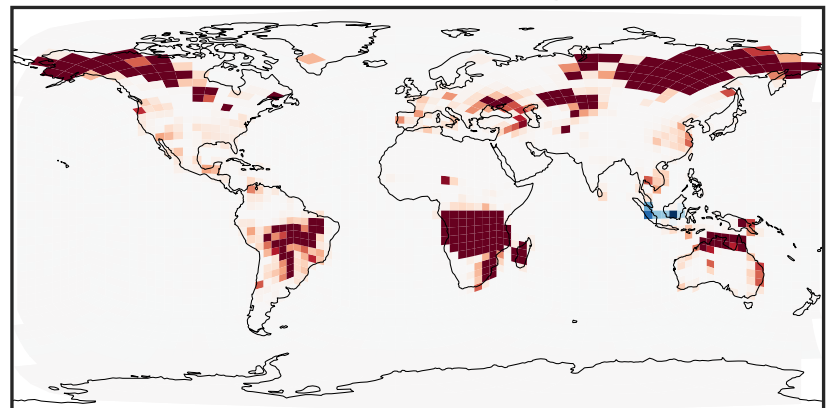
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



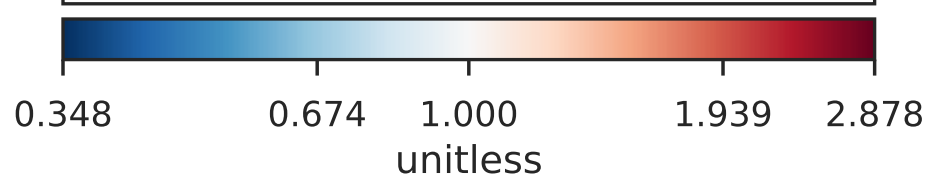
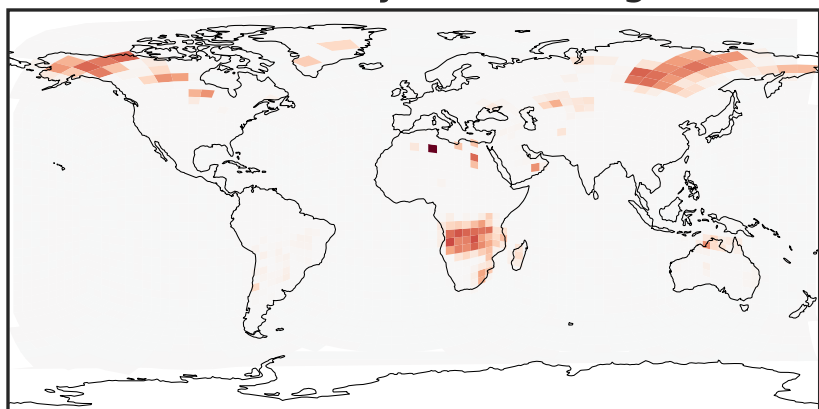
Difference
Dev - Ref, Dynamic Range



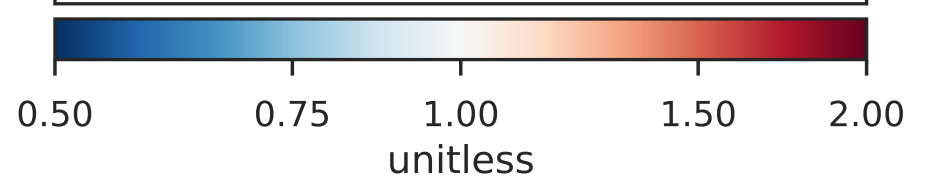
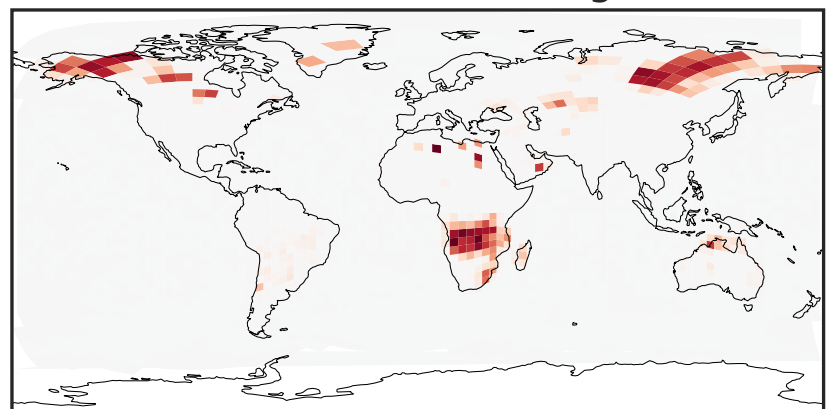
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

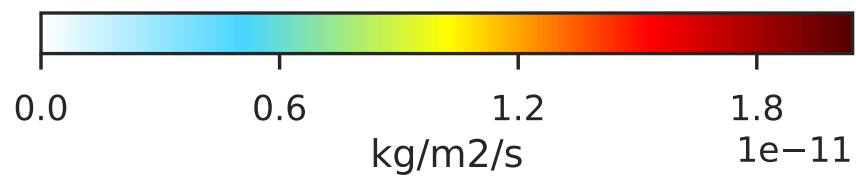
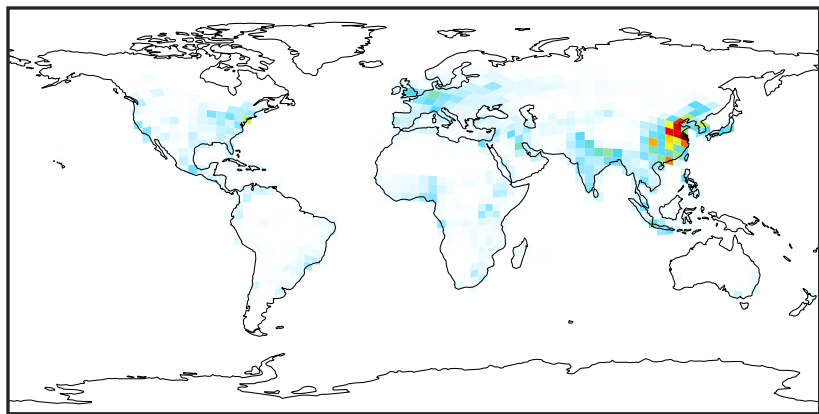


Ratio
Dev/Ref, Fixed Range

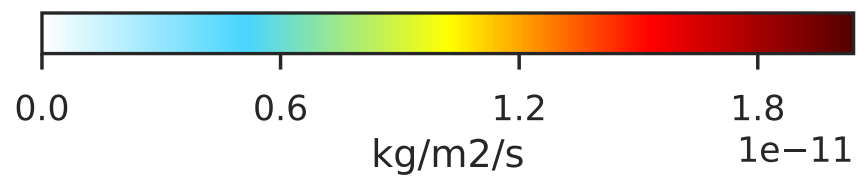
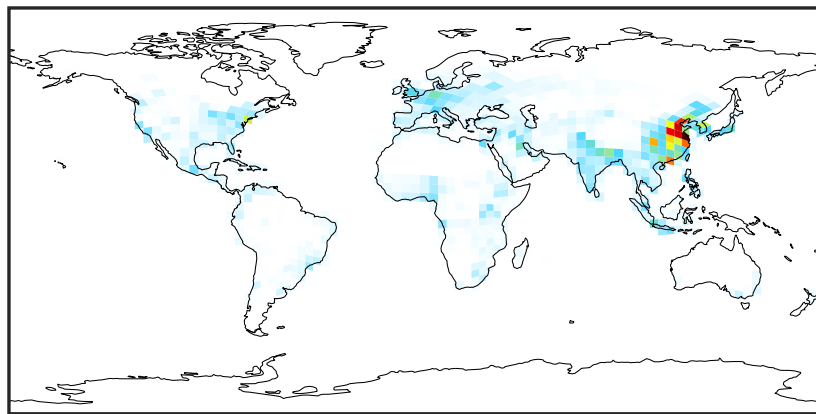


EmisMEK_Anthro

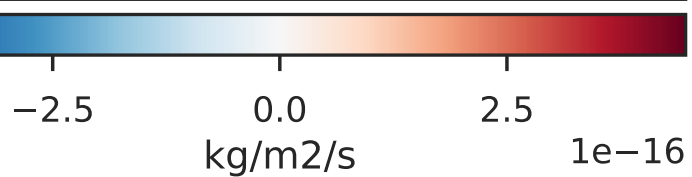
gchp-c24-1Mon-14.1.1 (Ref)
c24



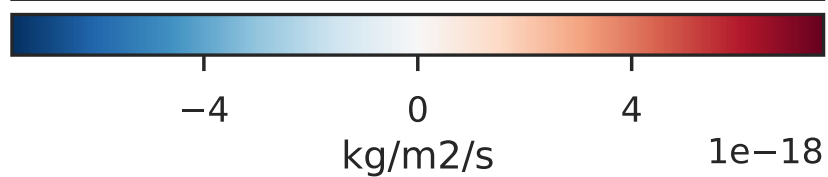
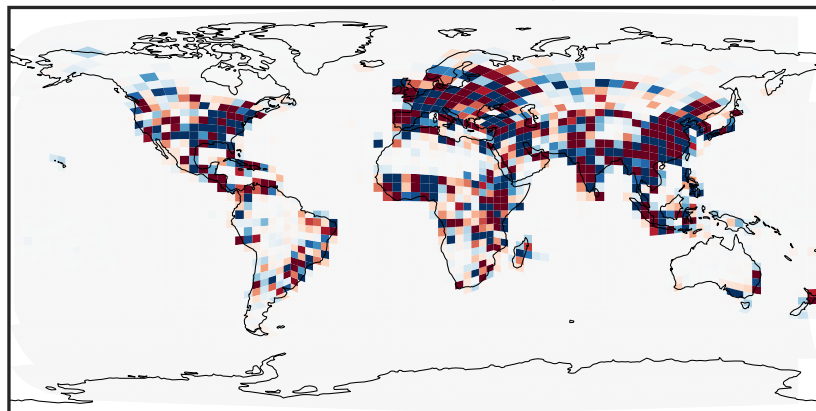
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



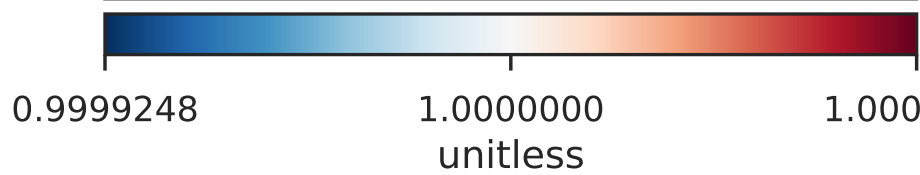
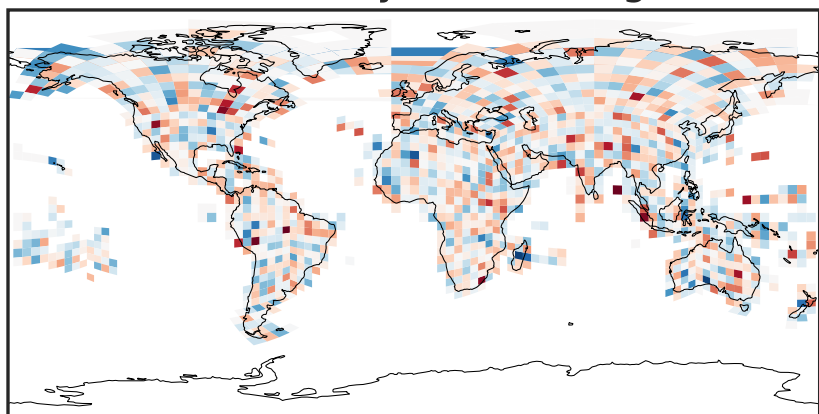
Difference
Dev - Ref, Dynamic Range



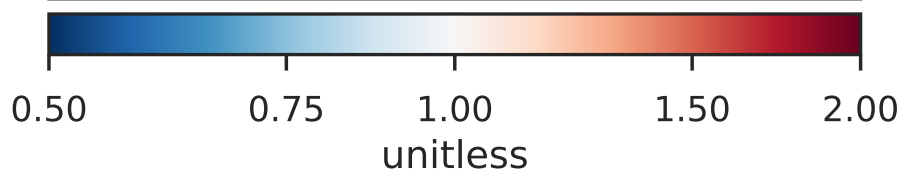
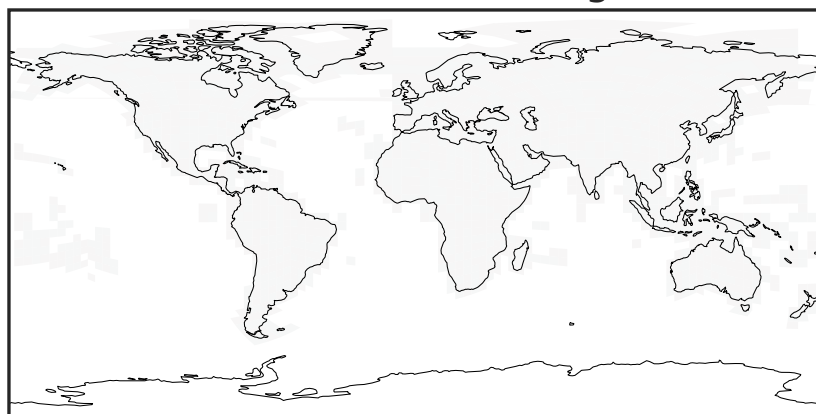
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

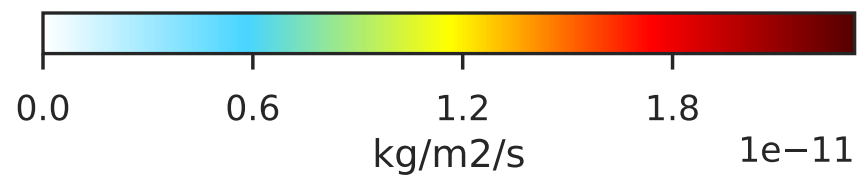
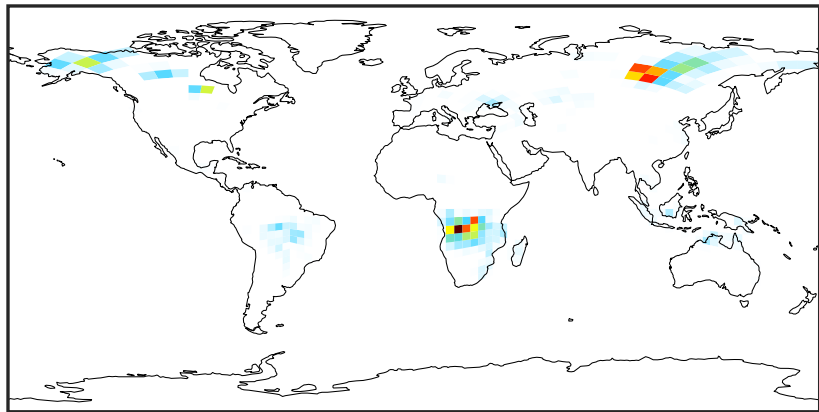


Ratio
Dev/Ref, Fixed Range

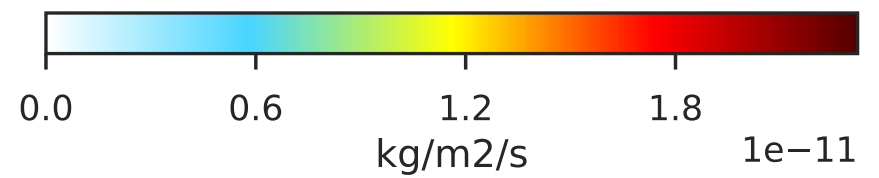
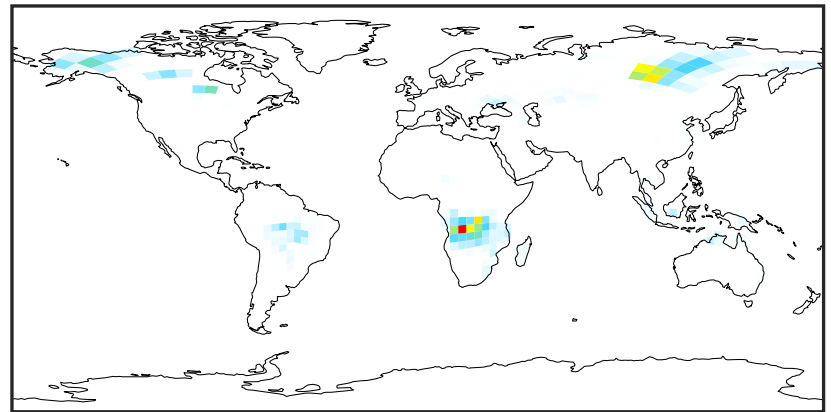


EmisMEK_BioBurn

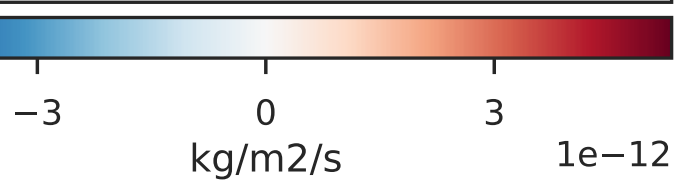
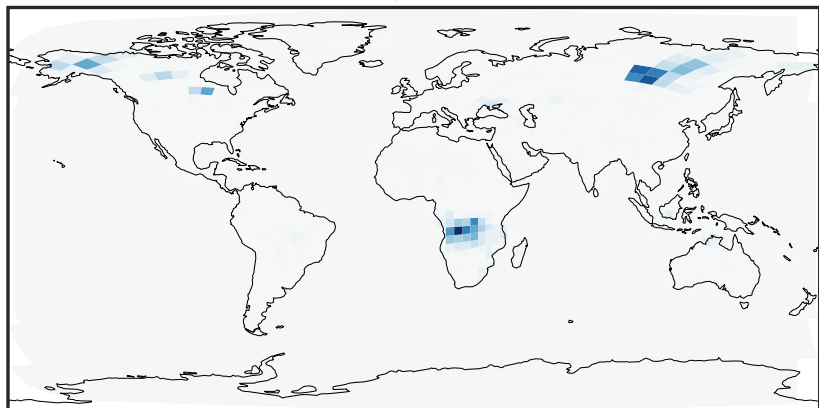
gchp-c24-1Mon-14.1.1 (Ref)
c24



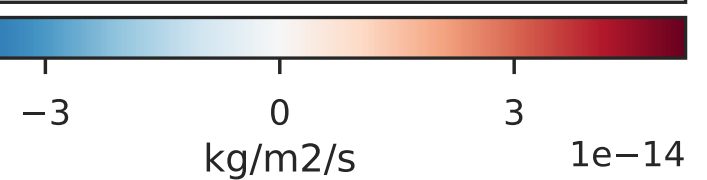
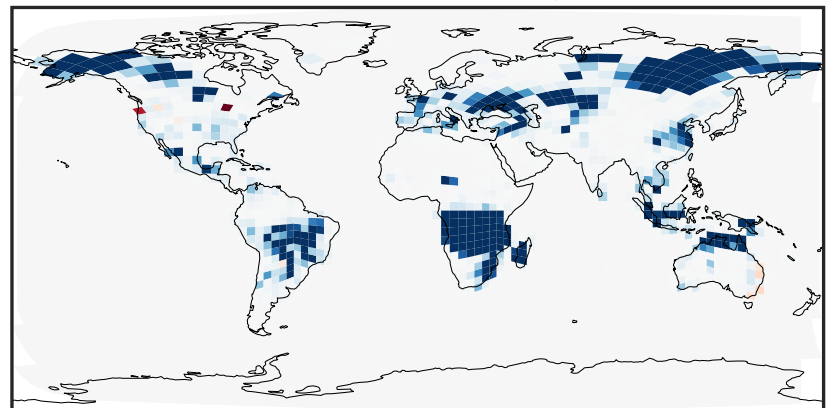
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



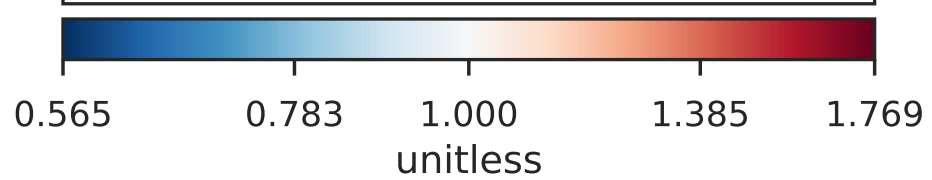
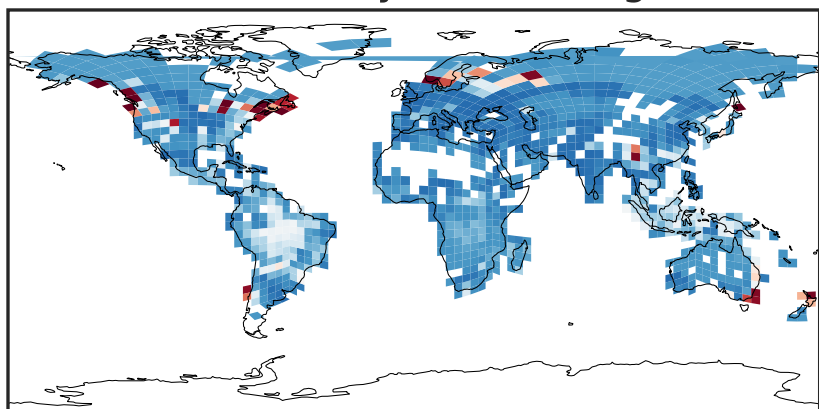
Difference
Dev - Ref, Dynamic Range



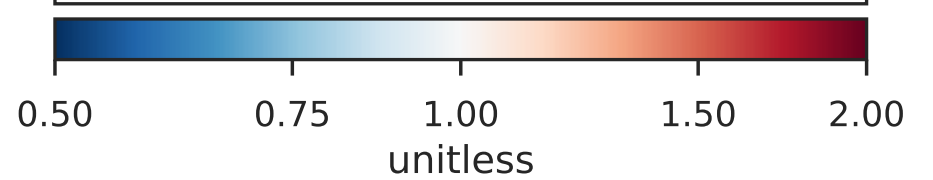
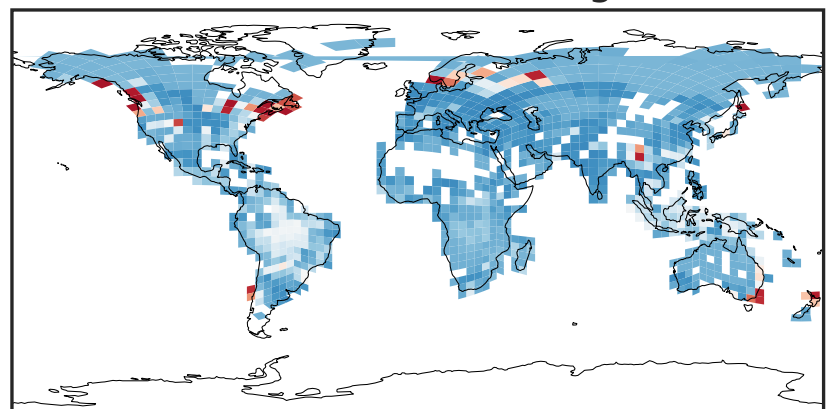
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

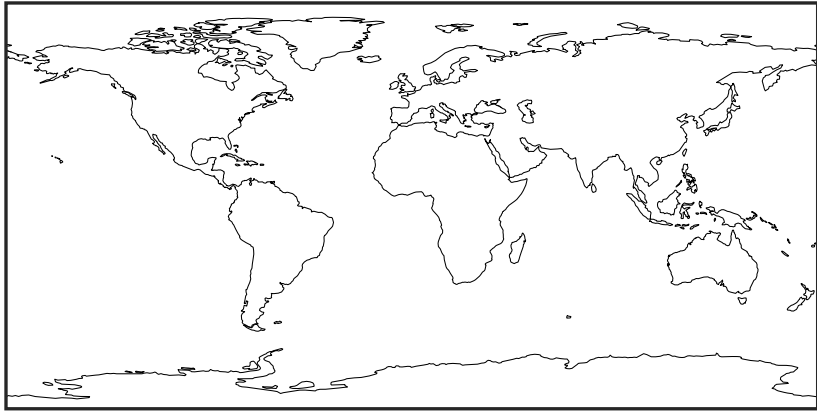


Ratio
Dev/Ref, Fixed Range



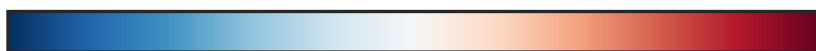
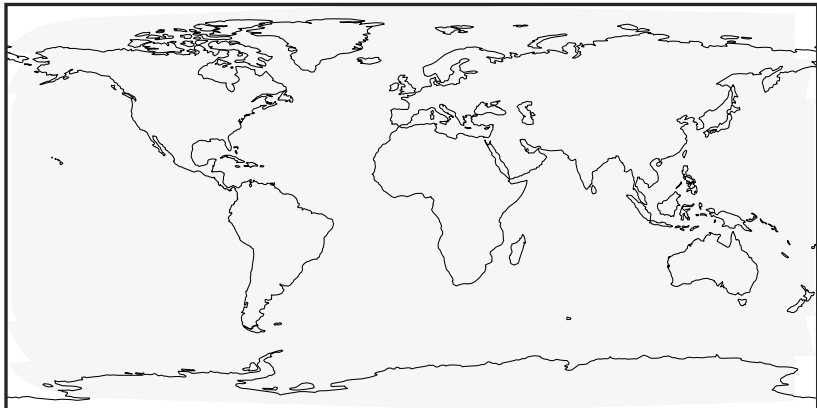
EmisMEK_Ship

gchp-c24-1Mon-14.1.1 (Ref)
c24



Zero throughput domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



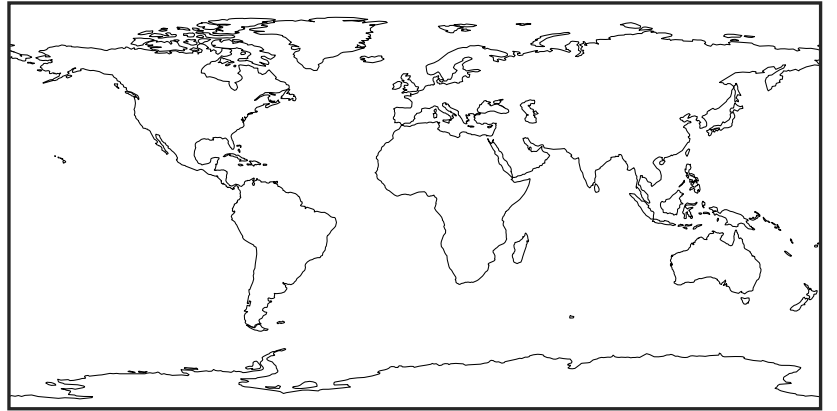
Zero throughput domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



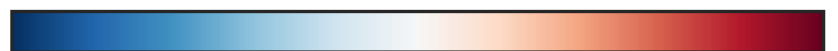
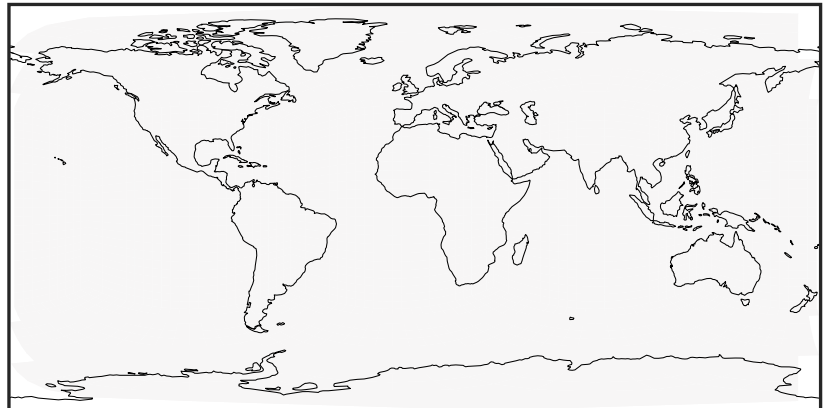
Undefined throughput domain
unitless

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



Zero throughput domain
kg/m2/s

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



Zero throughput domain
kg/m2/s

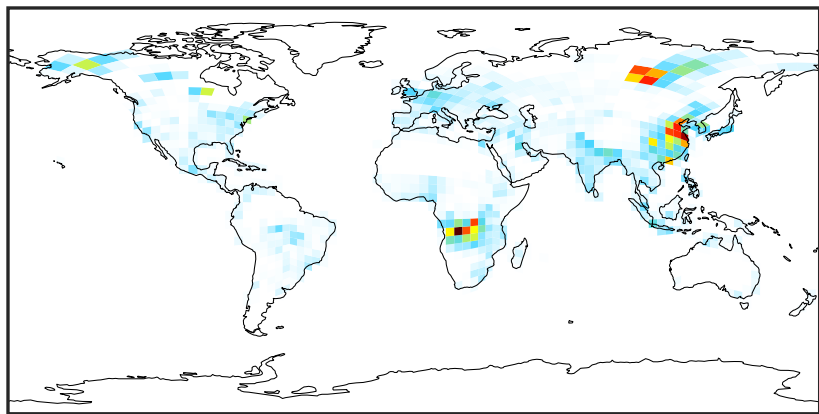
Ratio
Dev/Ref, Fixed Range



Undefined throughput domain
unitless

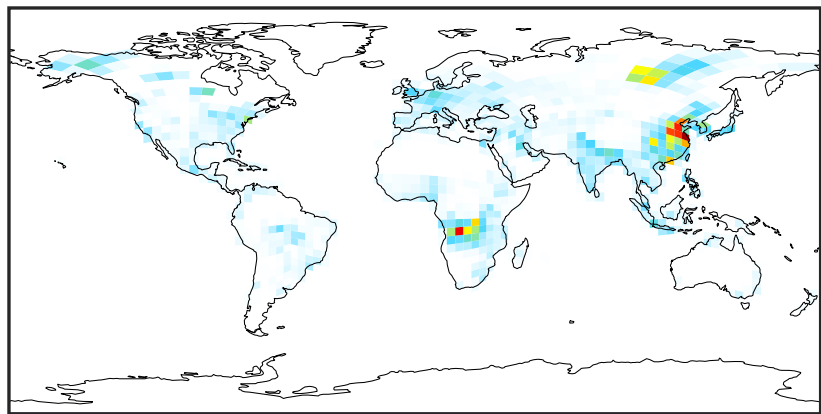
EmisMEK_Total

gchp-c24-1Mon-14.1.1 (Ref)
c24



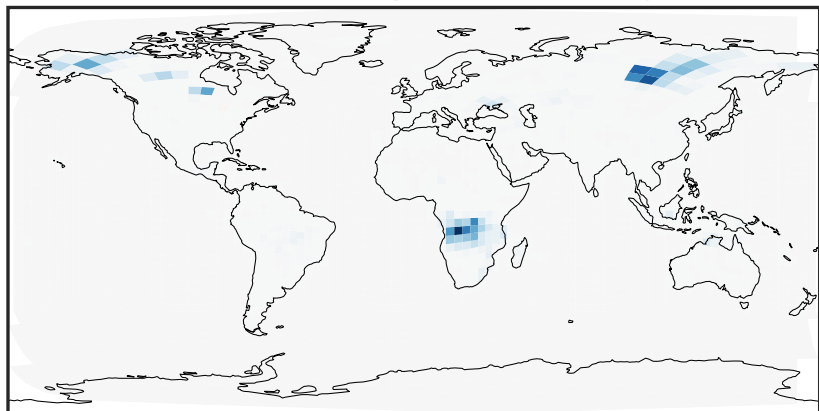
0.0 0.6 1.2 1.8 $1e-11$
kg/m²/s

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



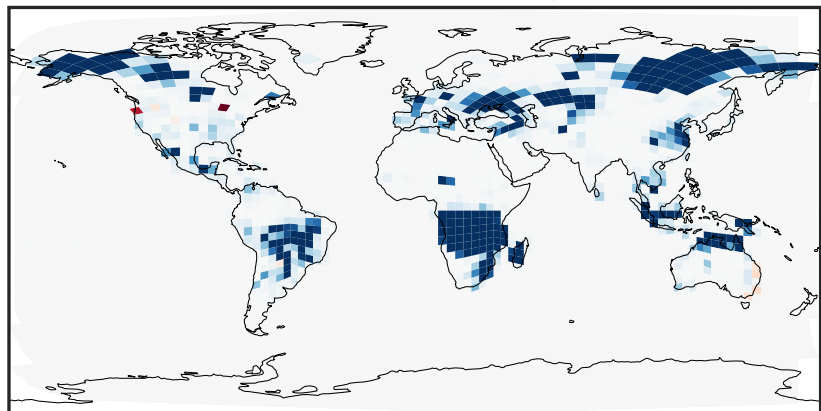
0.0 0.6 1.2 1.8 $1e-11$
kg/m²/s

Difference
Dev - Ref, Dynamic Range



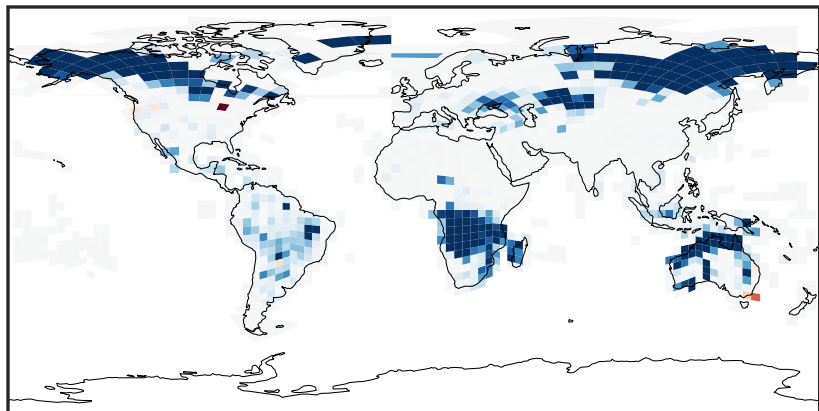
-3 0 3 $1e-12$
kg/m²/s

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



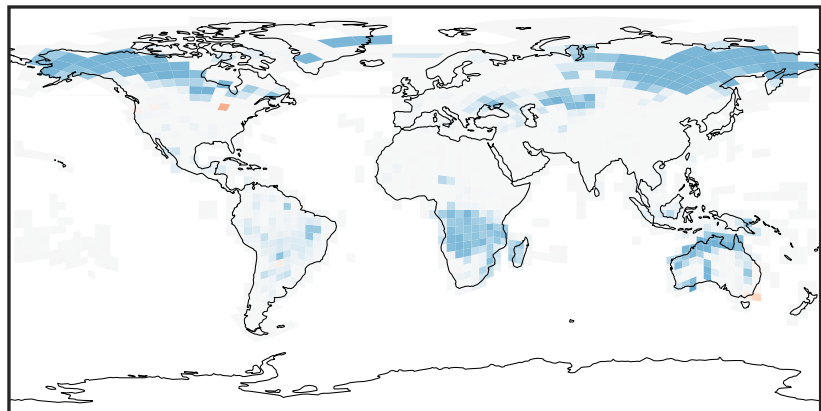
-3 0 3 $1e-14$
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.7787 0.8894 1.0000 1.1421 1.2841
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

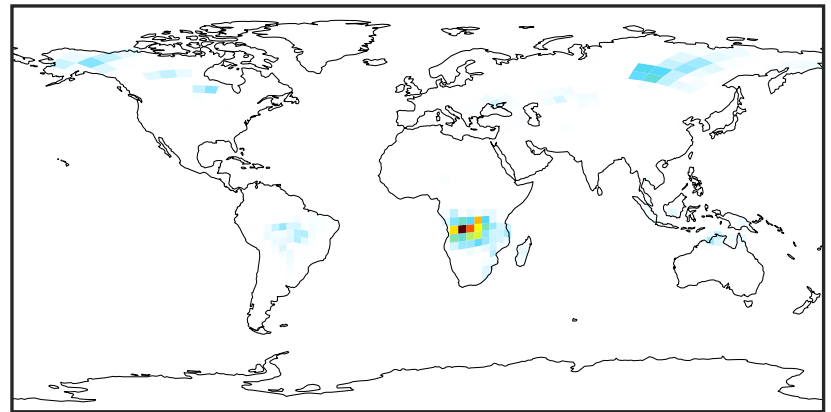
EmisMVK_BioBurn

gchp-c24-1Mon-14.1.1 (Ref)
c24



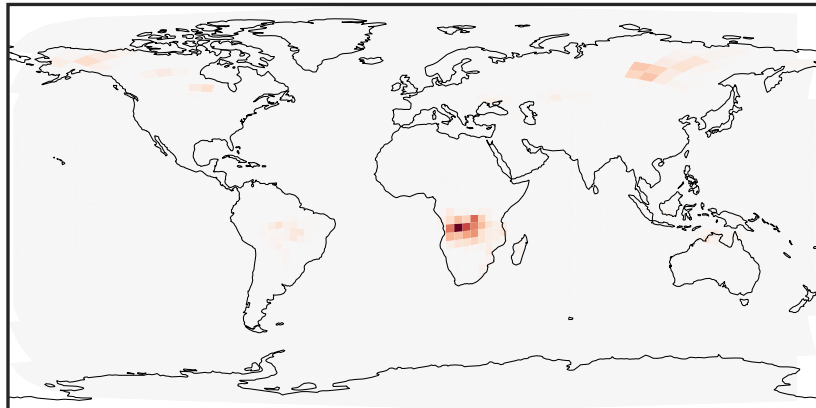
Zero throughout domain
kg/m²/s

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



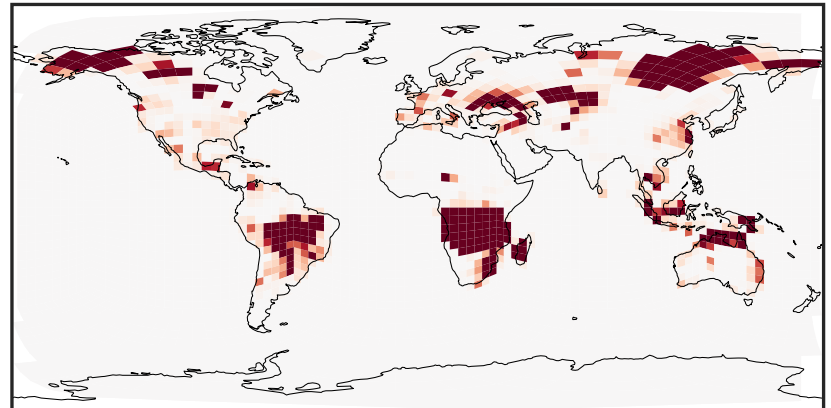
0.0 0.8 1.6 2.4
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



-1.5 0.0 1.5
kg/m²/s 1e-11

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



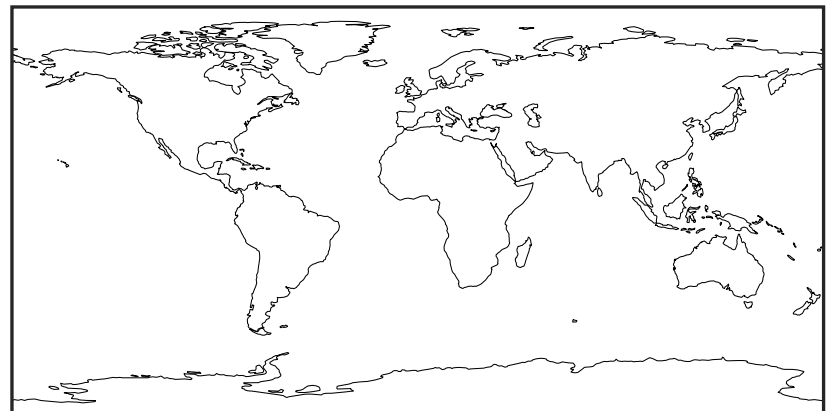
-1 0 1
kg/m²/s 1e-13

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

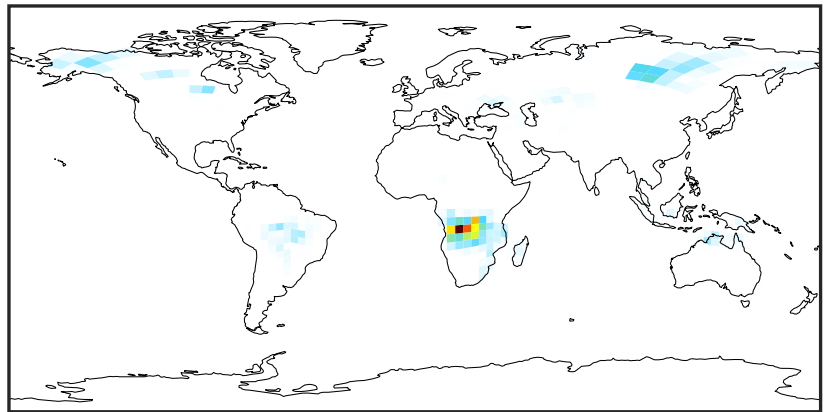
EmisMVK_Total

gchp-c24-1Mon-14.1.1 (Ref)
c24



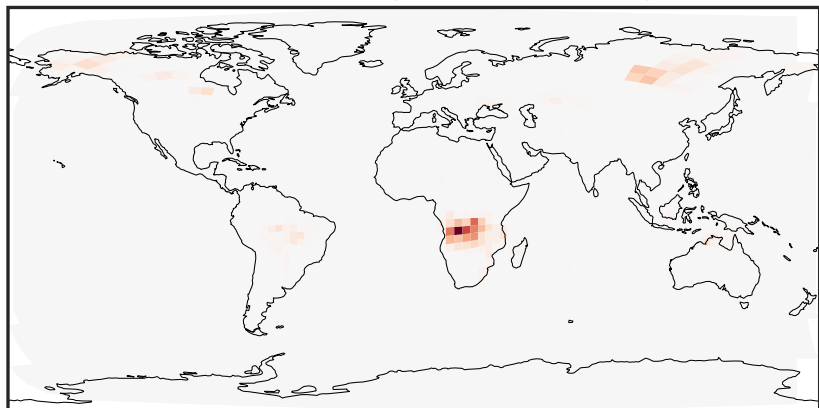
Zero throughout domain
kg/m²/s

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



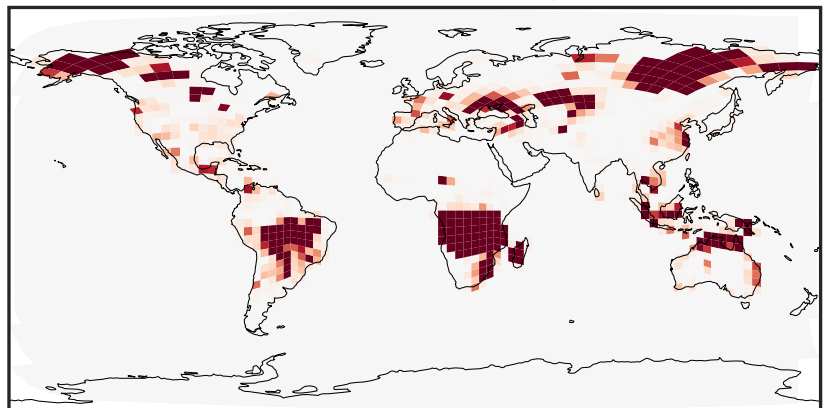
0.0 0.8 1.6 2.4
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



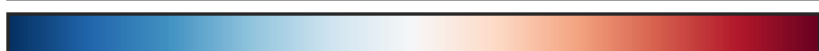
-1.5 0.0 1.5
kg/m²/s 1e-11

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



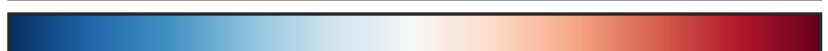
-1 0 1
kg/m²/s 1e-13

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

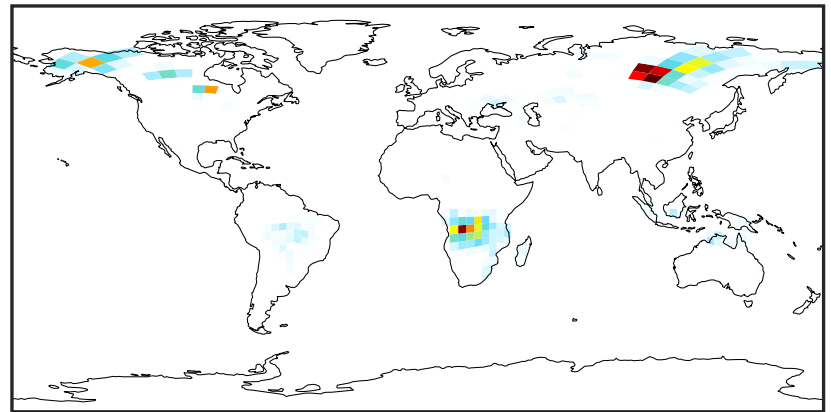
EmisFURA_BioBurn

gchp-c24-1Mon-14.1.1 (Ref)
c24



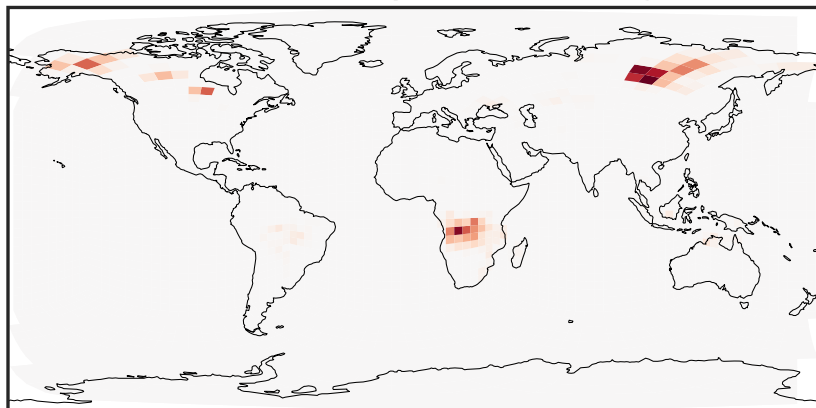
Zero throughout domain
kg/m²/s

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



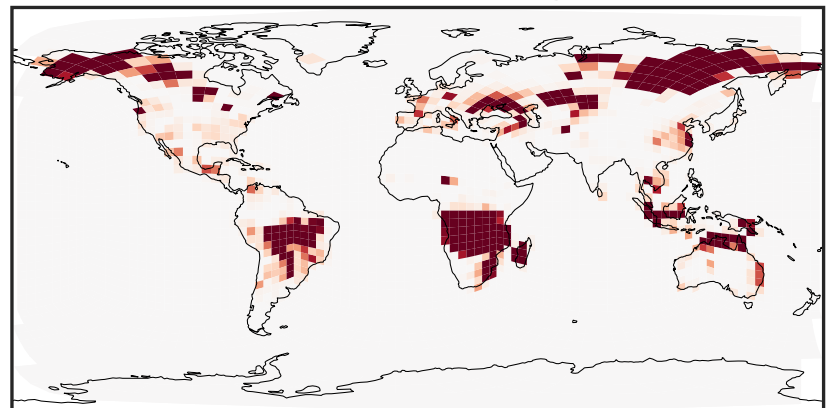
0 2 4 6
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



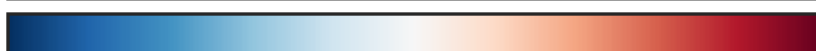
-4 0 4
kg/m²/s 1e-11

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



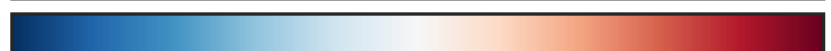
-3 0 3
kg/m²/s 1e-13

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

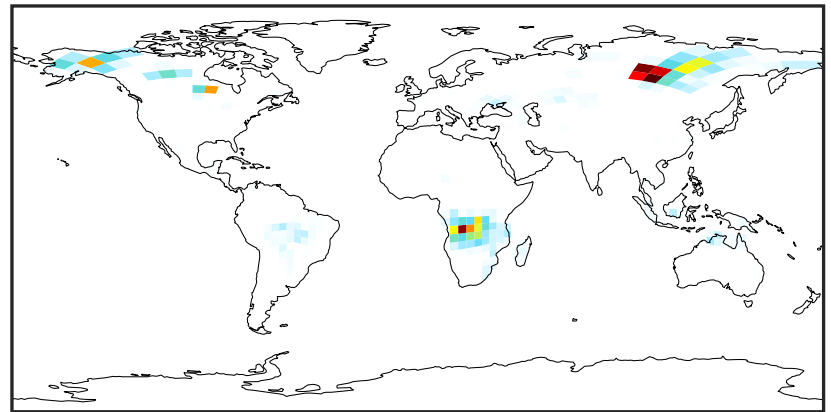
EmisFURA_Total

gchp-c24-1Mon-14.1.1 (Ref)
c24



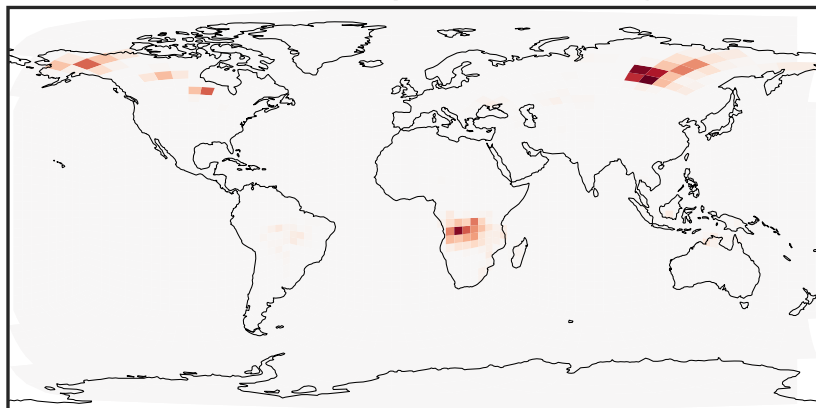
Zero throughput domain
kg/m²/s

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



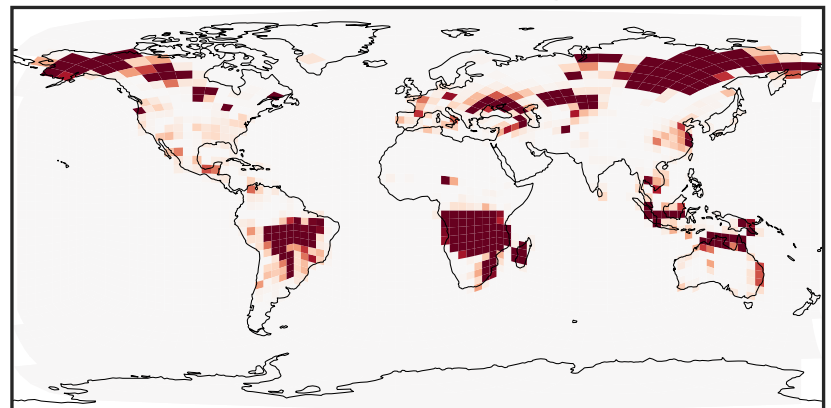
0 2 4 6
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



-4 0 4
kg/m²/s 1e-11

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



-3 0 3
kg/m²/s 1e-13

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

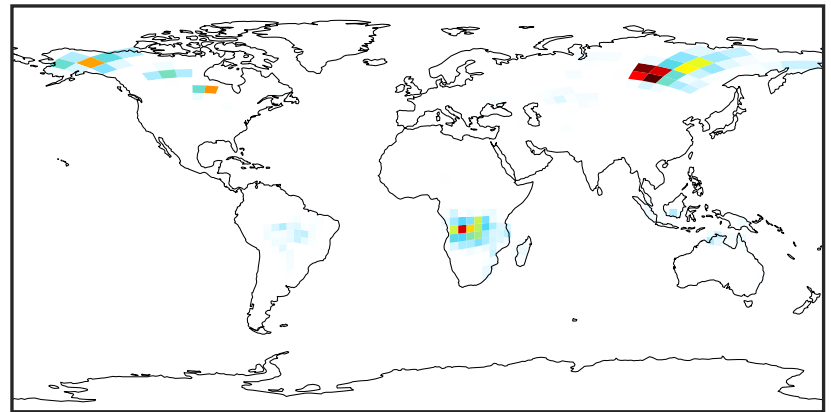
EmisGLYX_BioBurn

gchp-c24-1Mon-14.1.1 (Ref)
c24



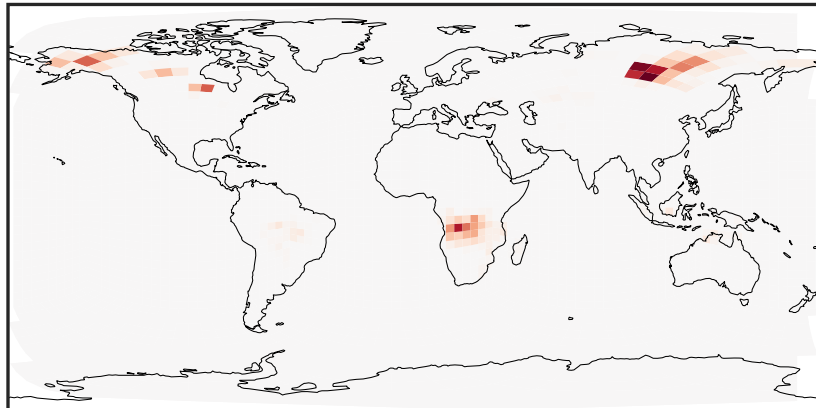
Zero throughput domain
kg/m²/s

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



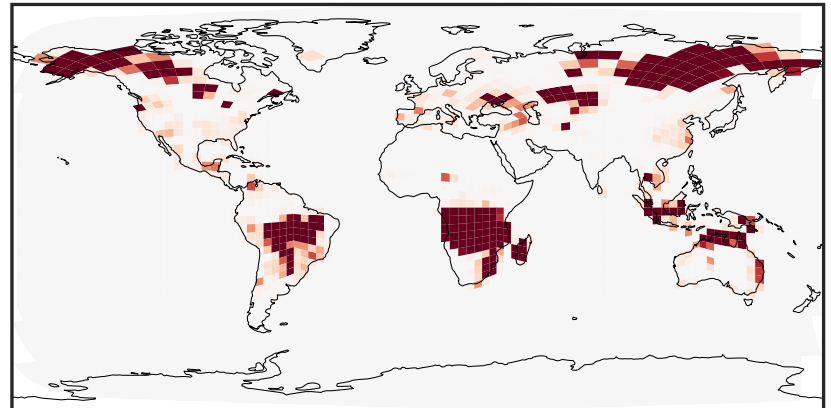
0.0 1.5 3.0
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



-2.5 0.0 2.5
kg/m²/s 1e-11

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



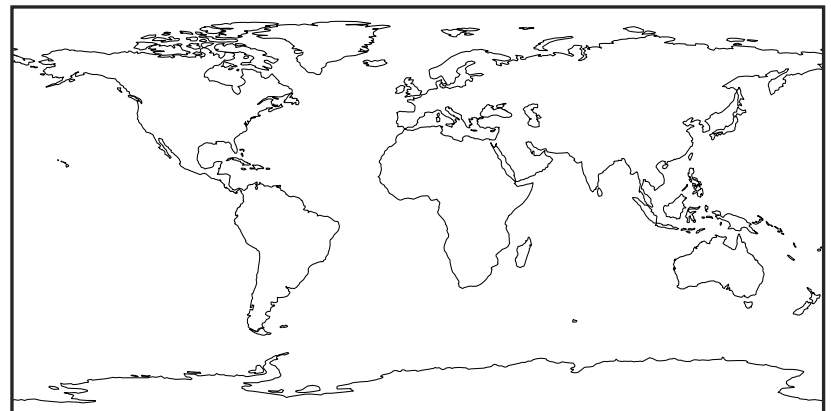
-1.5 0.0 1.5
kg/m²/s 1e-13

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

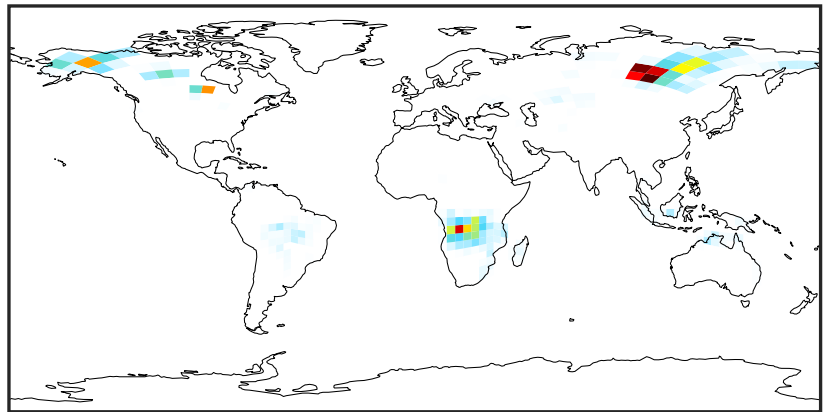
EmisGLYX_Total

gchp-c24-1Mon-14.1.1 (Ref)
c24



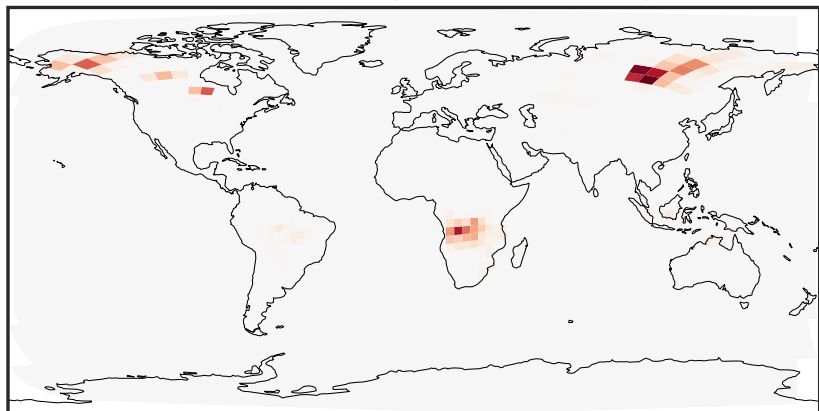
Zero throughout domain
kg/m²/s

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



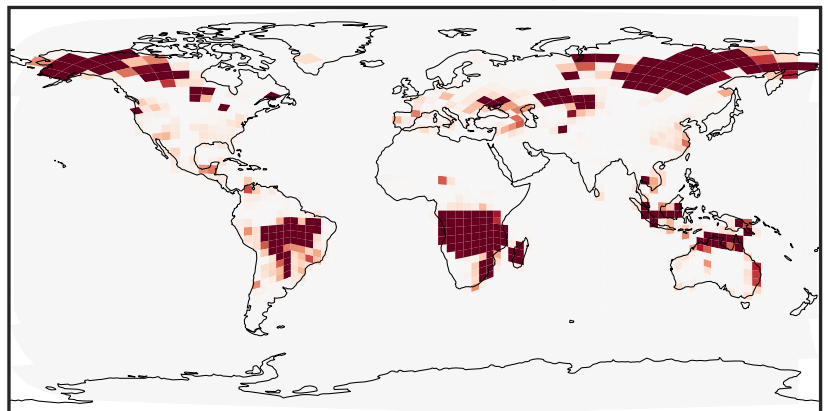
0.0 1.5 3.0
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



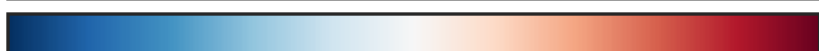
-2.5 0.0 2.5
kg/m²/s 1e-11

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



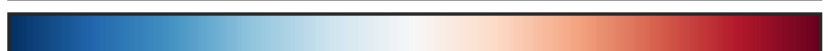
-1.5 0.0 1.5
kg/m²/s 1e-13

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

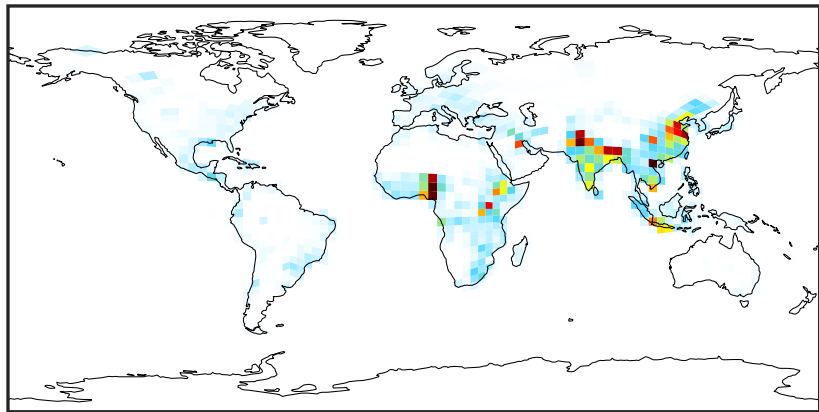
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

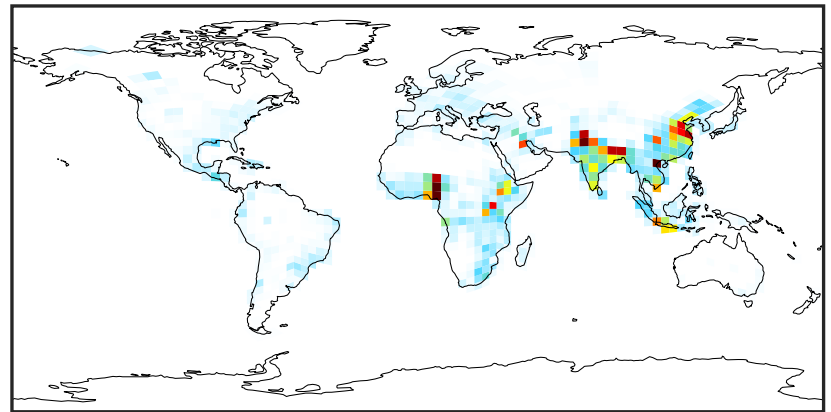
EmisHCOOH_Anthro

gchp-c24-1Mon-14.1.1 (Ref)
c24



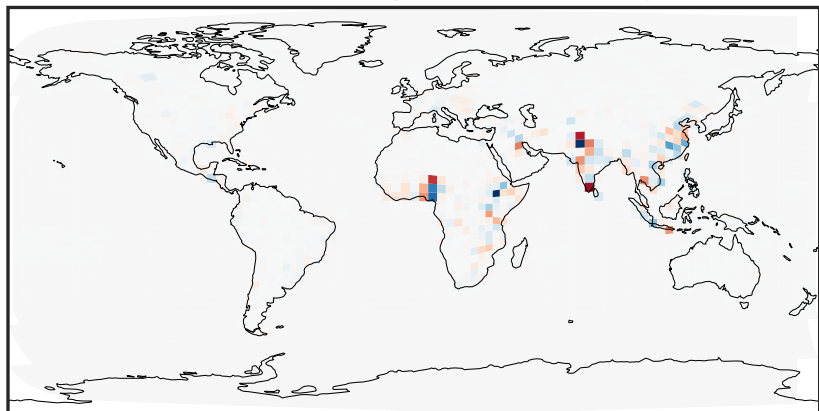
0.0 0.8 1.6 2.4
kg/m2/s $1e-11$

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



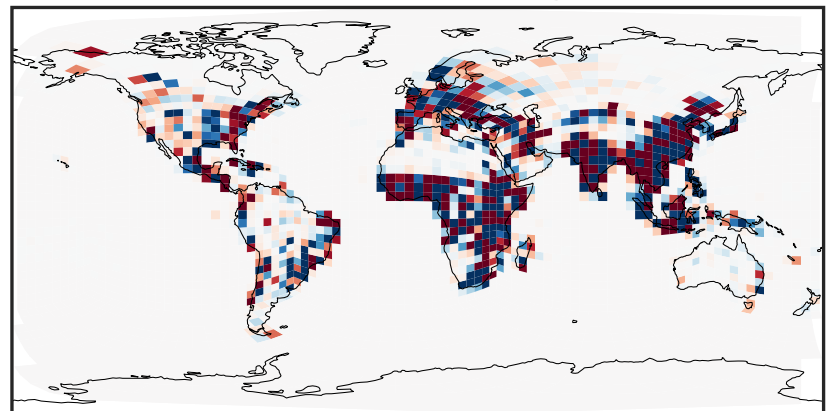
0.0 0.8 1.6 2.4
kg/m2/s $1e-11$

Difference
Dev - Ref, Dynamic Range



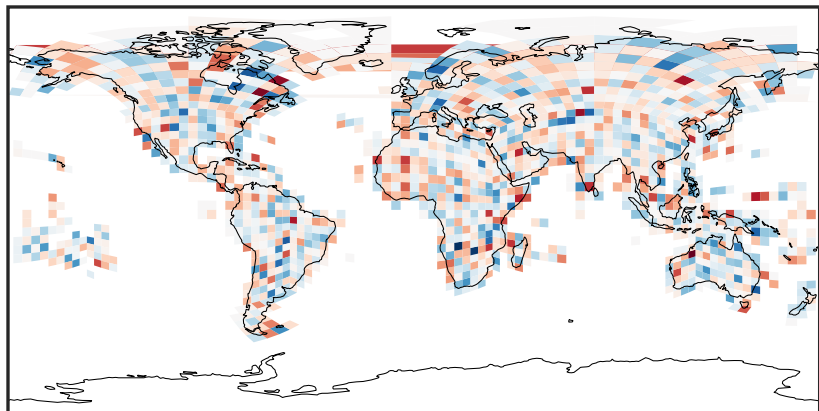
-5 0 5
kg/m2/s $1e-16$

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



-8 0 8
kg/m2/s $1e-18$

Ratio
Dev/Ref, Dynamic Range



0.9999294 1.0000000 1.0000706
unitless

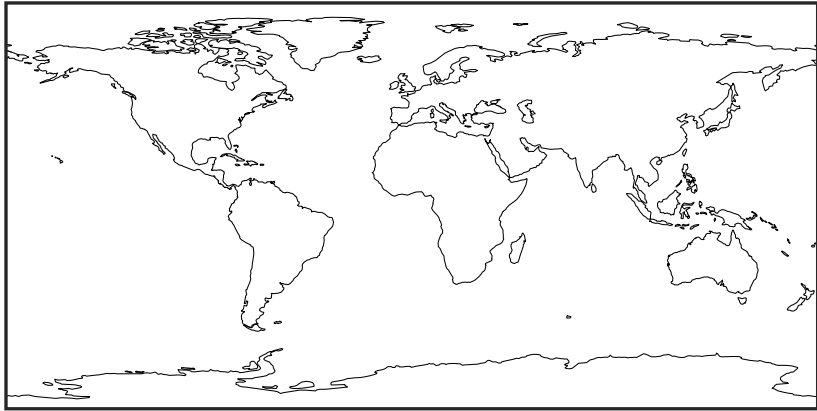
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

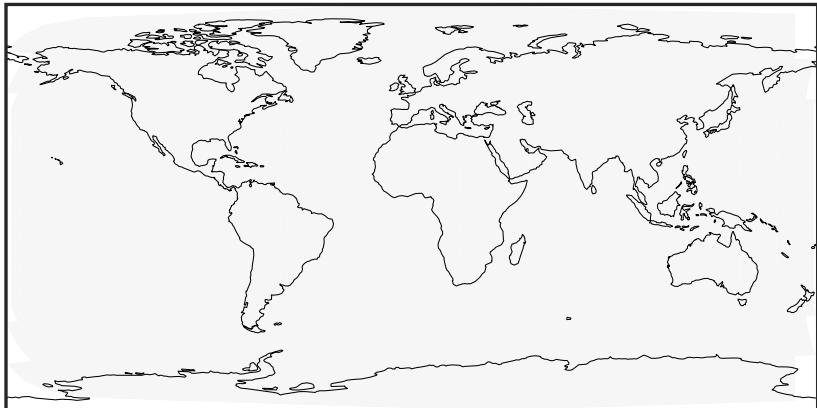
EmisHCOOH_Ship

gchp-c24-1Mon-14.1.1 (Ref)
c24



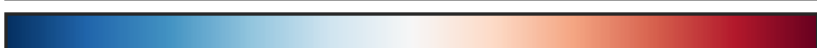
Zero throughput domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



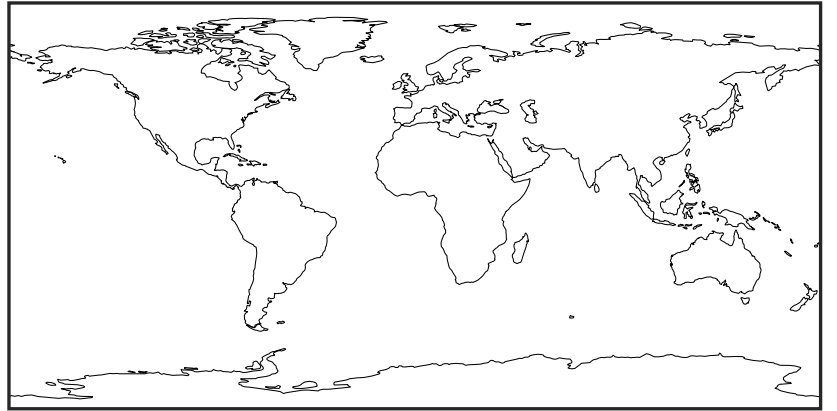
Zero throughput domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



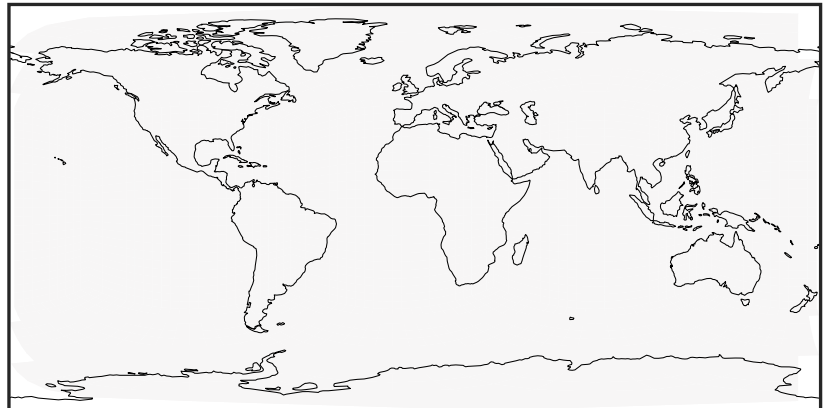
Undefined throughput domain
unitless

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



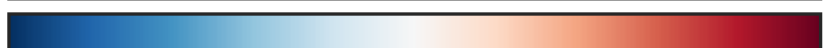
Zero throughput domain
kg/m2/s

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



Zero throughput domain
kg/m2/s

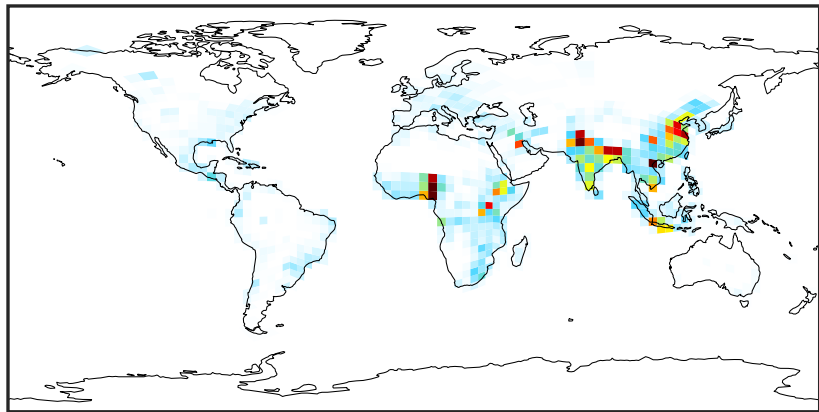
Ratio
Dev/Ref, Fixed Range



Undefined throughput domain
unitless

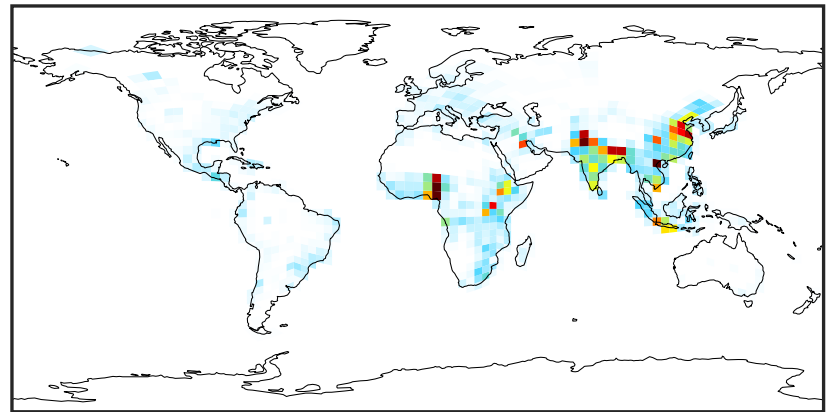
EmisHCOOH_Total

gchp-c24-1Mon-14.1.1 (Ref)
c24



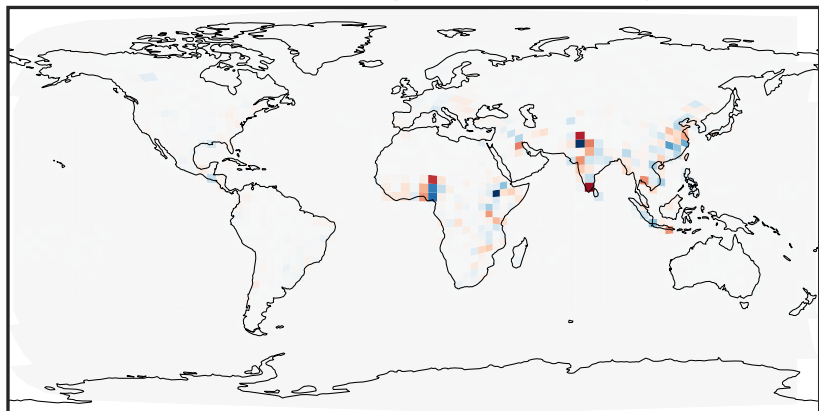
0.0 0.8 1.6 2.4
kg/m²/s 1e-11

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



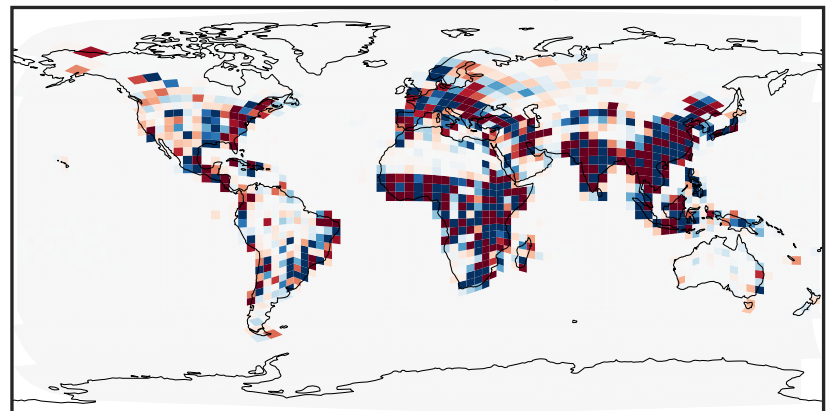
0.0 0.8 1.6 2.4
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



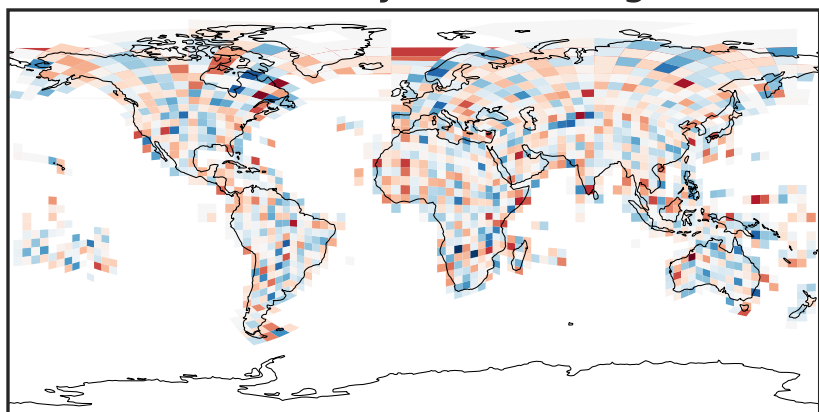
-5 0 5
kg/m²/s 1e-16

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



-8 0 8
kg/m²/s 1e-18

Ratio
Dev/Ref, Dynamic Range



0.9999294 1.000000 1.0000706
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

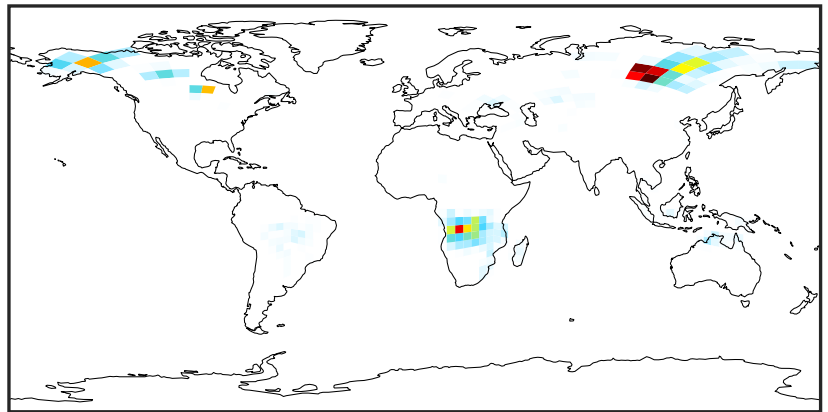
EmisPHEN_BioBurn

gchp-c24-1Mon-14.1.1 (Ref)
c24



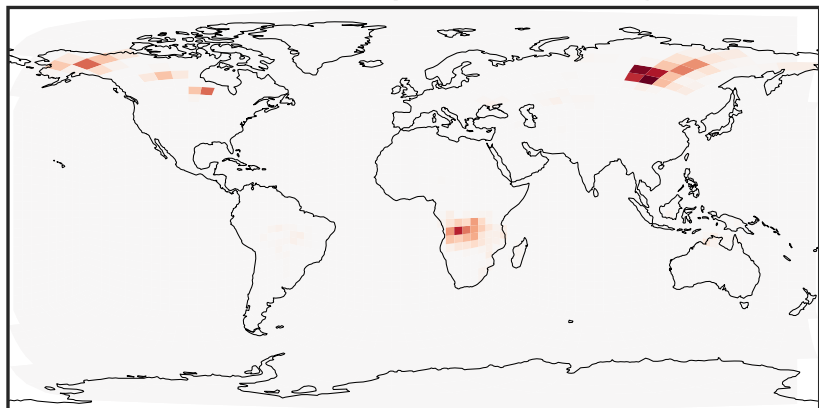
Zero throughout domain
kg/m²/s

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



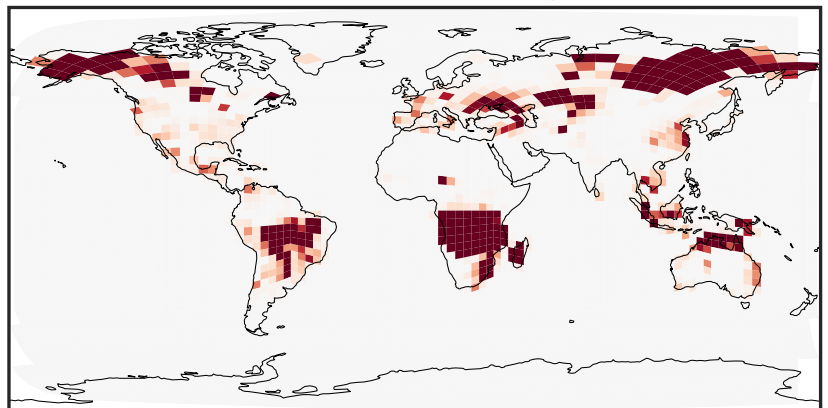
0.0 1.5 3.0 4.5
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



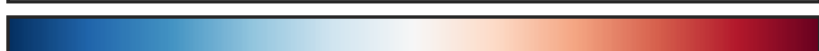
-3 0 3
kg/m²/s 1e-11

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



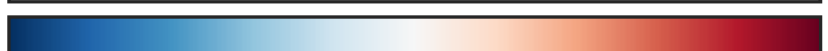
-2 0 2
kg/m²/s 1e-13

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

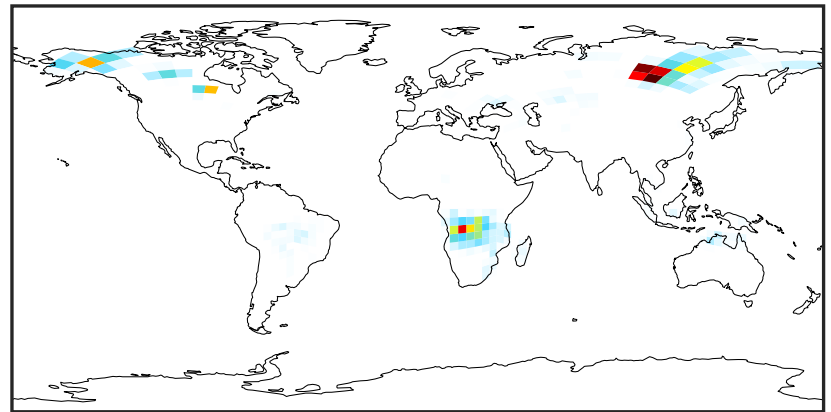
EmisPHEN_Total

gchp-c24-1Mon-14.1.1 (Ref)
c24



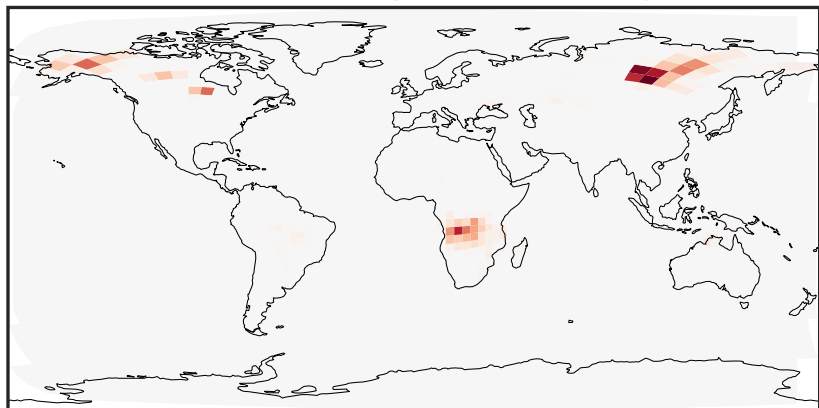
Zero throughput domain
kg/m²/s

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



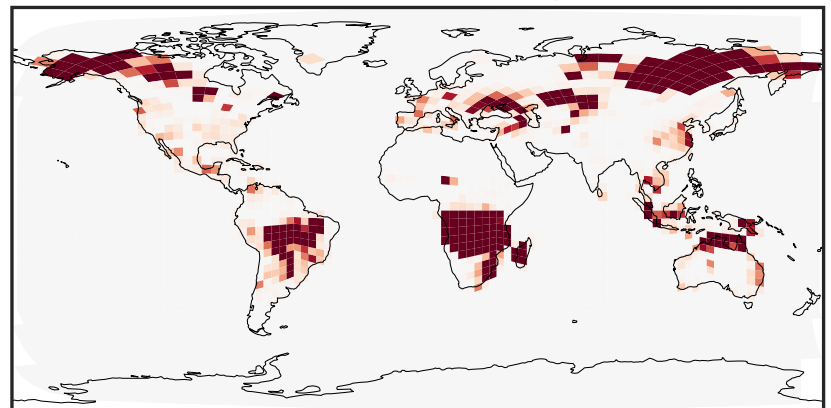
0.0 1.5 3.0 4.5
kg/m²/s 1e-11

Difference
Dev - Ref, Dynamic Range



-3 0 3
kg/m²/s 1e-11

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



-2 0 2
kg/m²/s 1e-13

Ratio
Dev/Ref, Dynamic Range



Undefined throughput domain
unitless

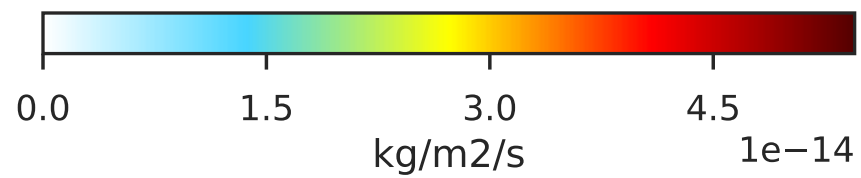
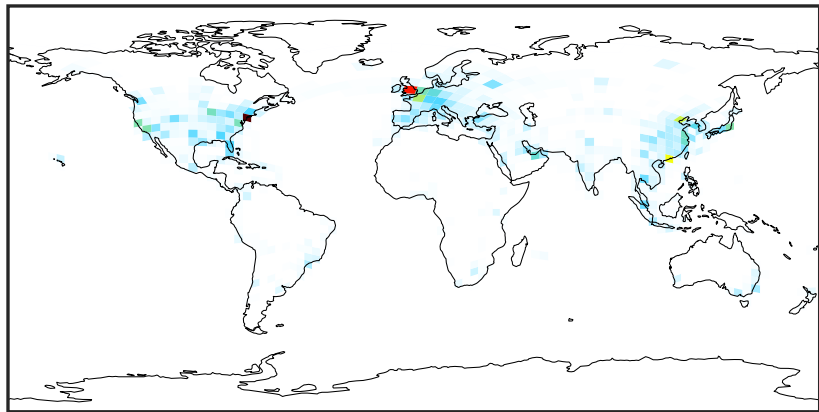
Ratio
Dev/Ref, Fixed Range



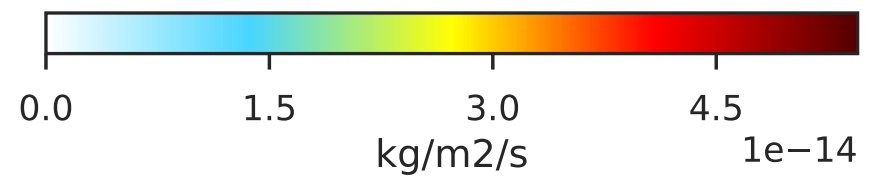
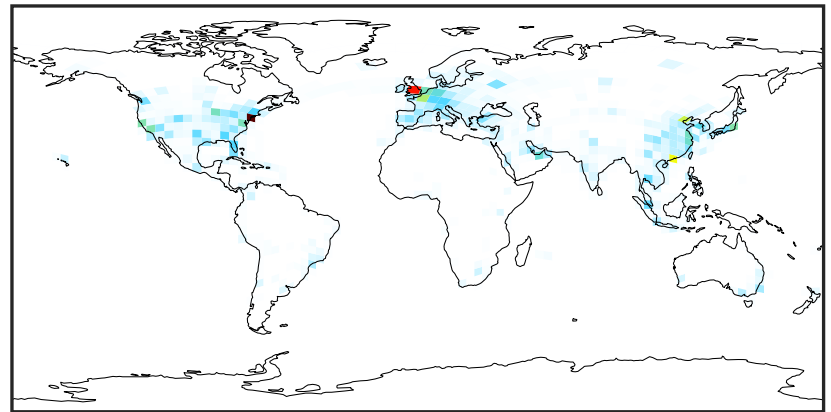
Undefined throughput domain
unitless

EmisRCHO_Aircraft

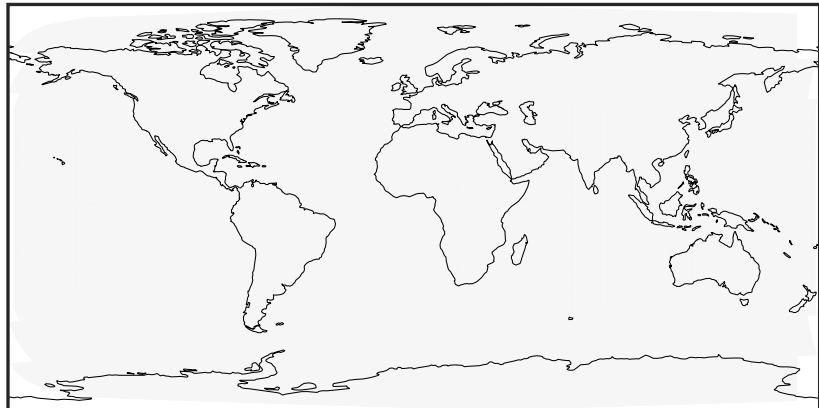
gchp-c24-1Mon-14.1.1 (Ref)
c24



gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24

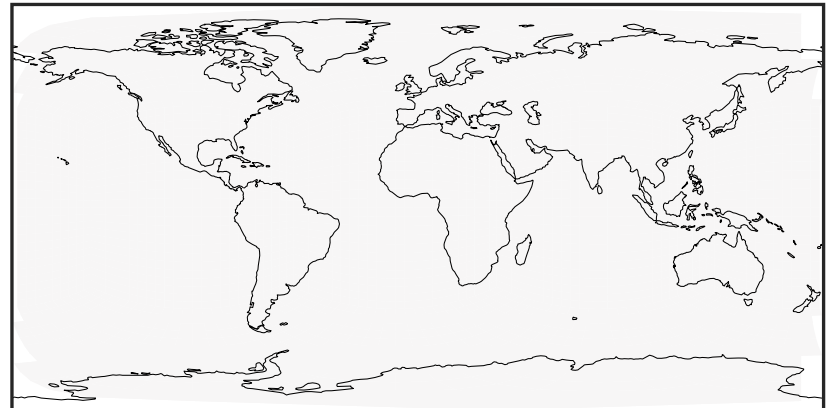


Difference
Dev - Ref, Dynamic Range



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

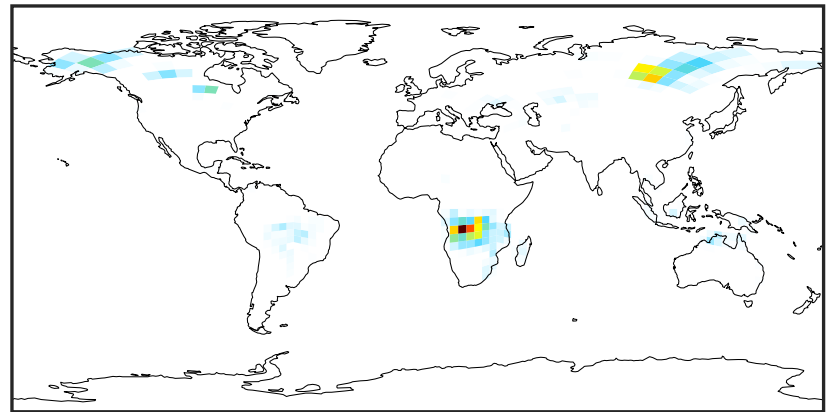
EmisRCHO_BioBurn

gchp-c24-1Mon-14.1.1 (Ref)
c24



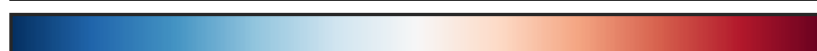
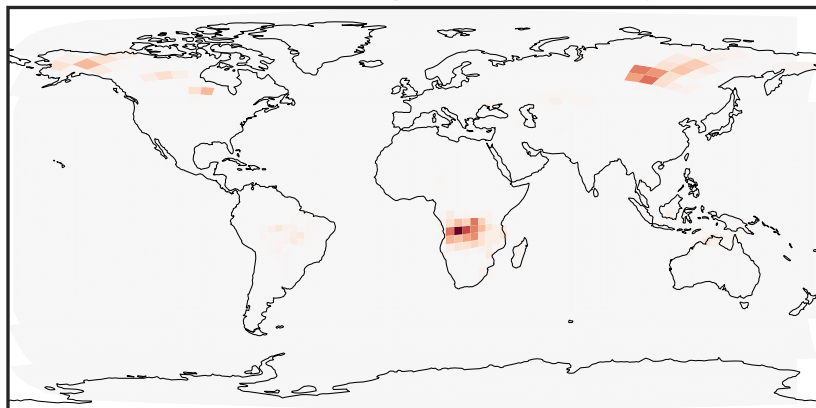
Zero throughout domain
kg/m²/s

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



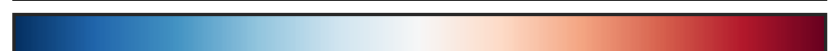
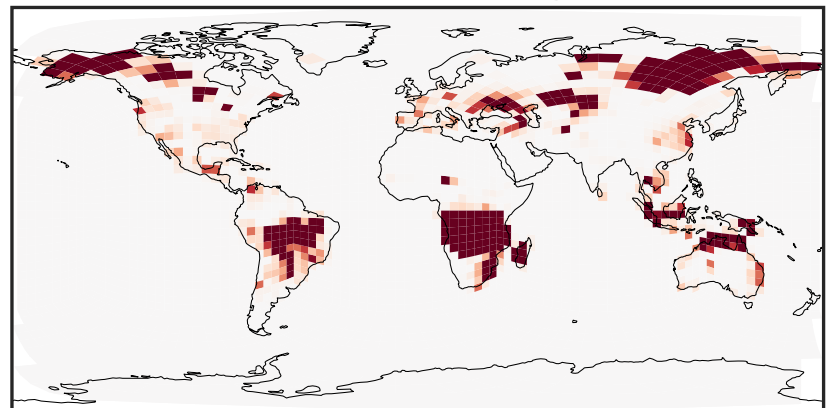
0.0 0.4 0.8 1.2
kg/m²/s 1e-10

Difference
Dev - Ref, Dynamic Range



-8 0 8
kg/m²/s 1e-11

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



-5 0 5
kg/m²/s 1e-13

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

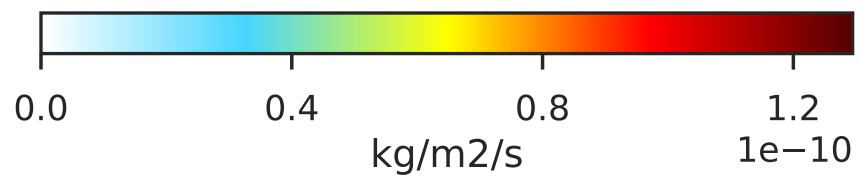
Ratio
Dev/Ref, Fixed Range



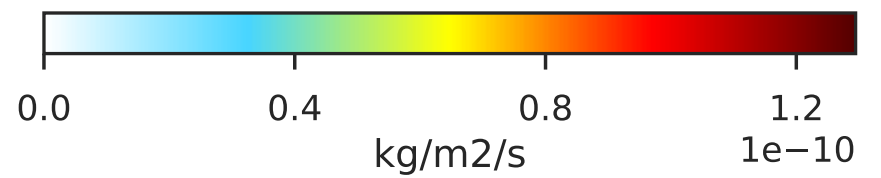
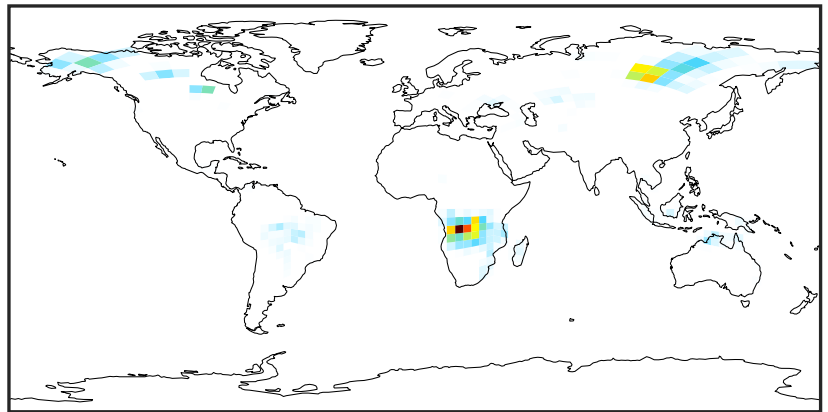
Undefined throughout domain
unitless

EmisRCHO_Total

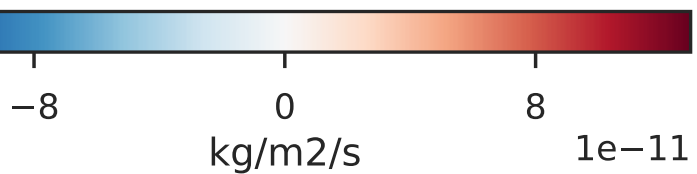
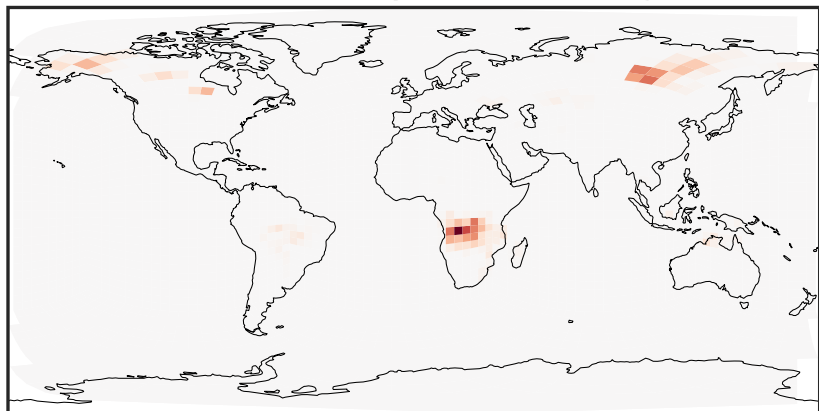
gchp-c24-1Mon-14.1.1 (Ref)
c24



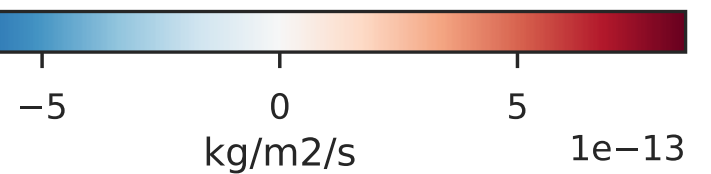
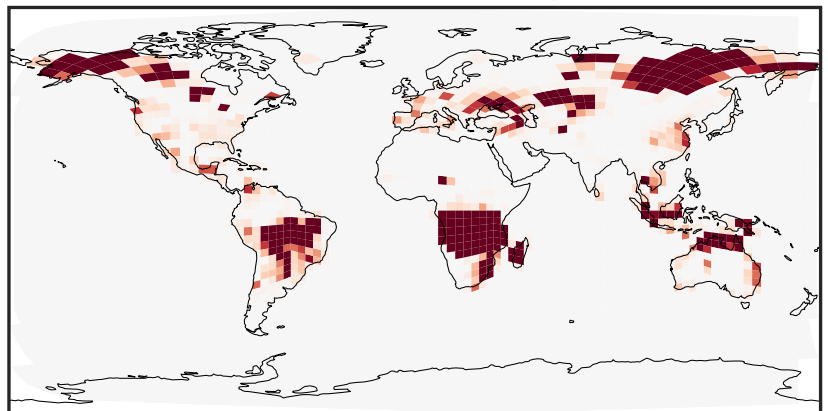
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



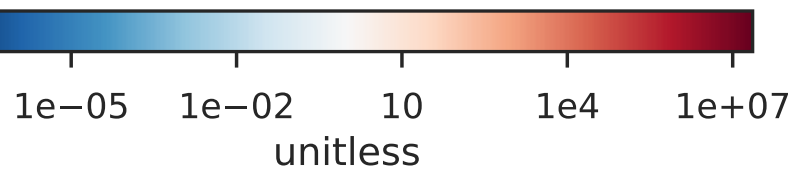
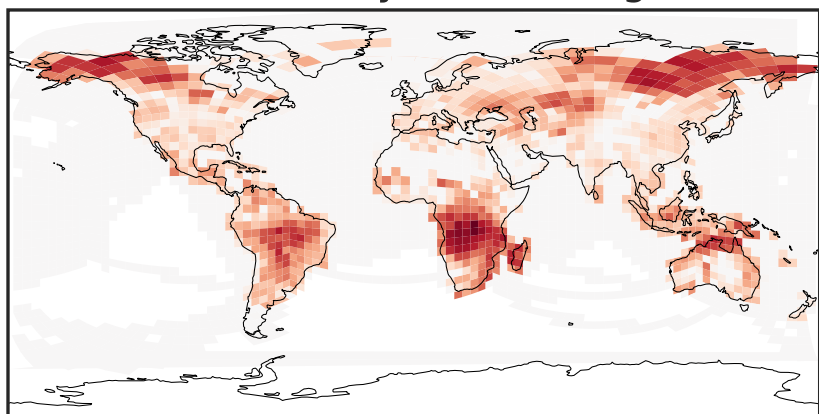
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

