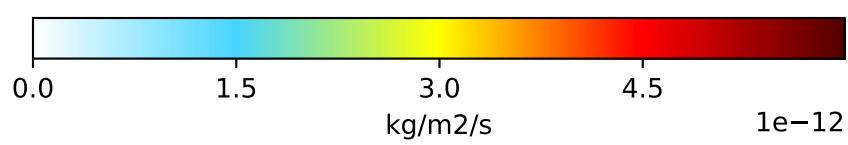
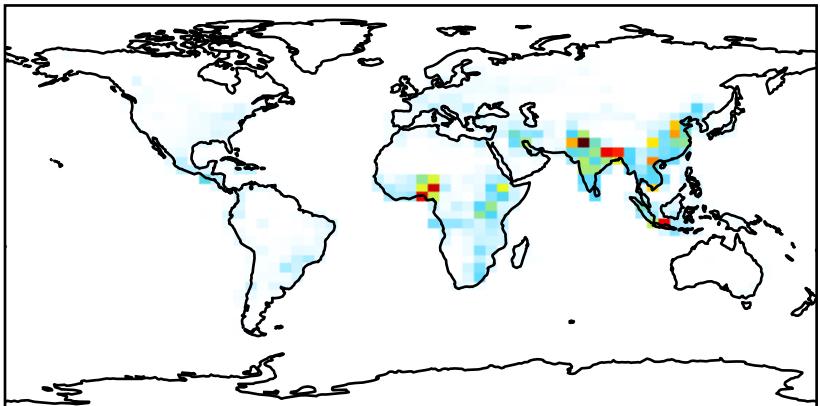
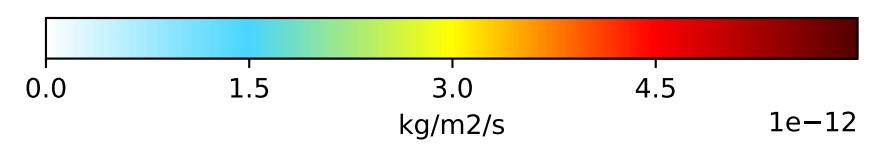
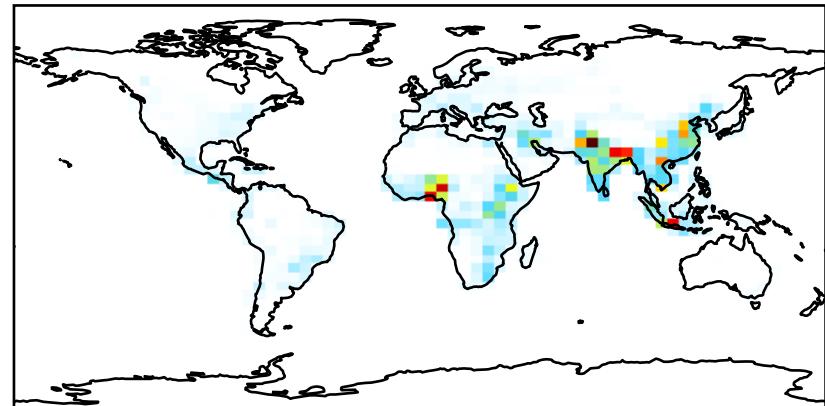


EmisALD2_Anthro

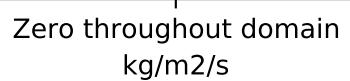
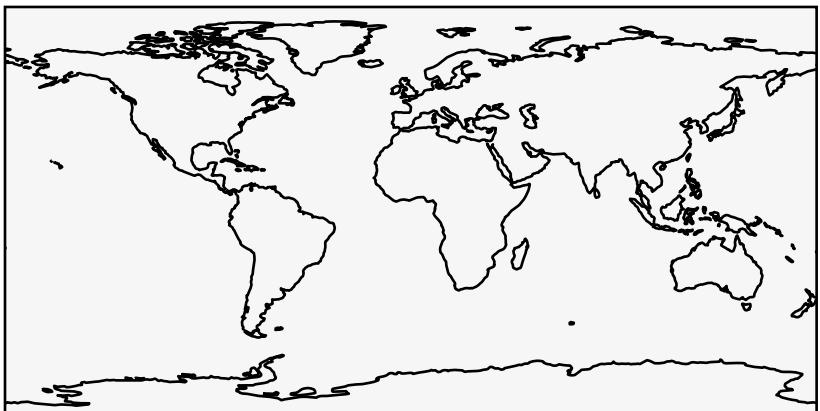
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



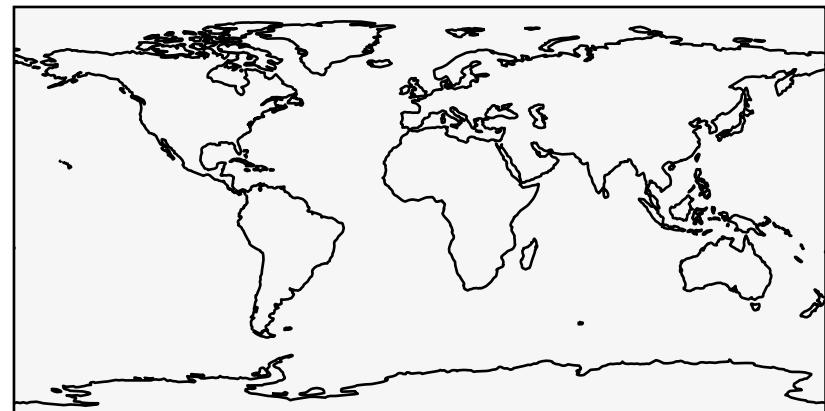
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



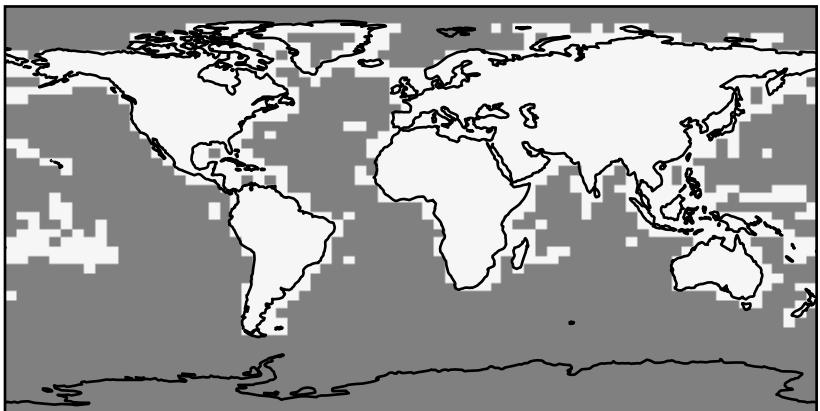
Difference
Dev - Ref, Dynamic Range



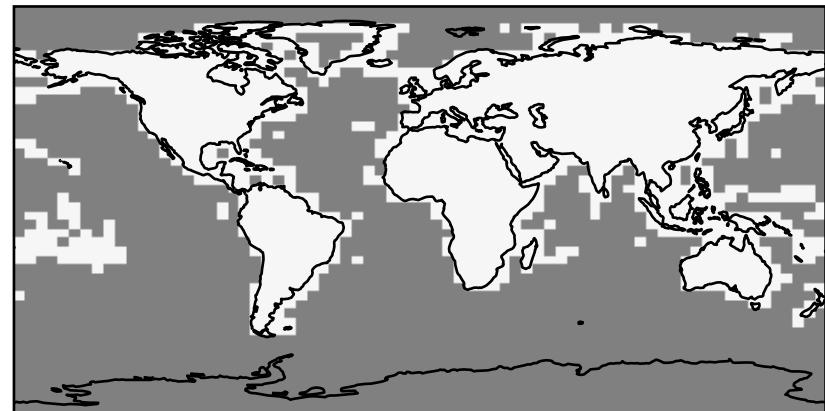
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

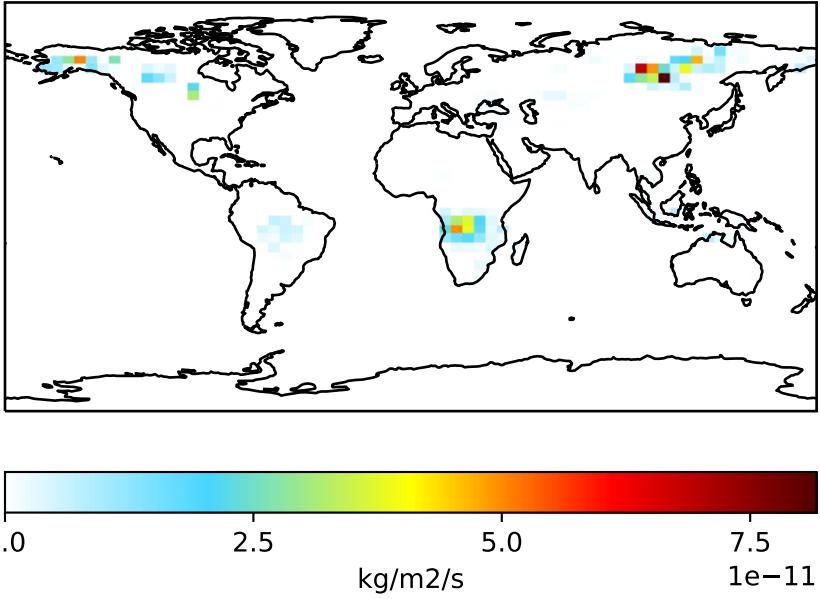


Ratio
Dev/Ref, Fixed Range

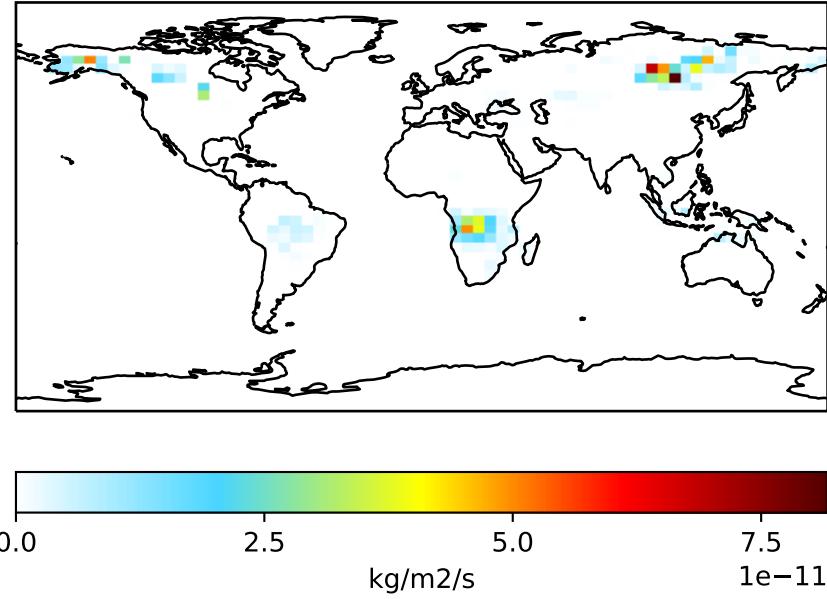


EmisALD2_BioBurn

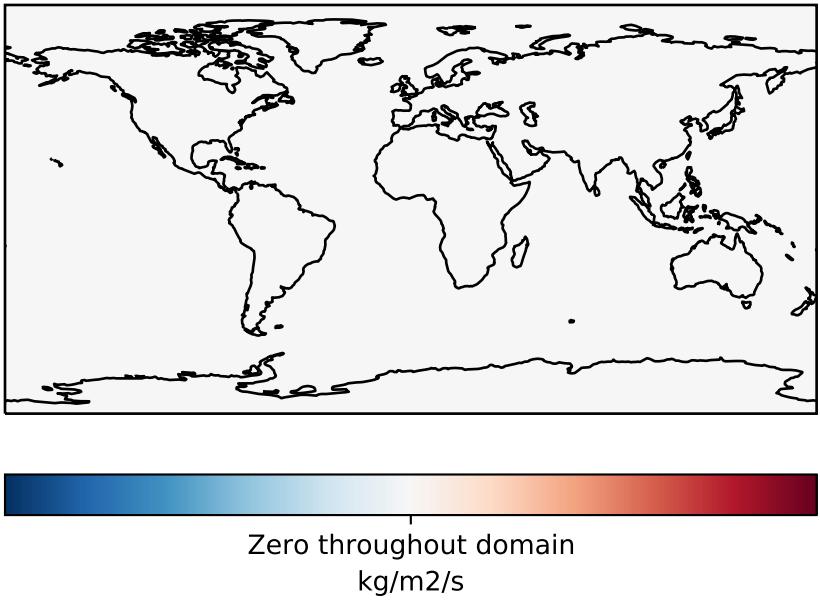
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



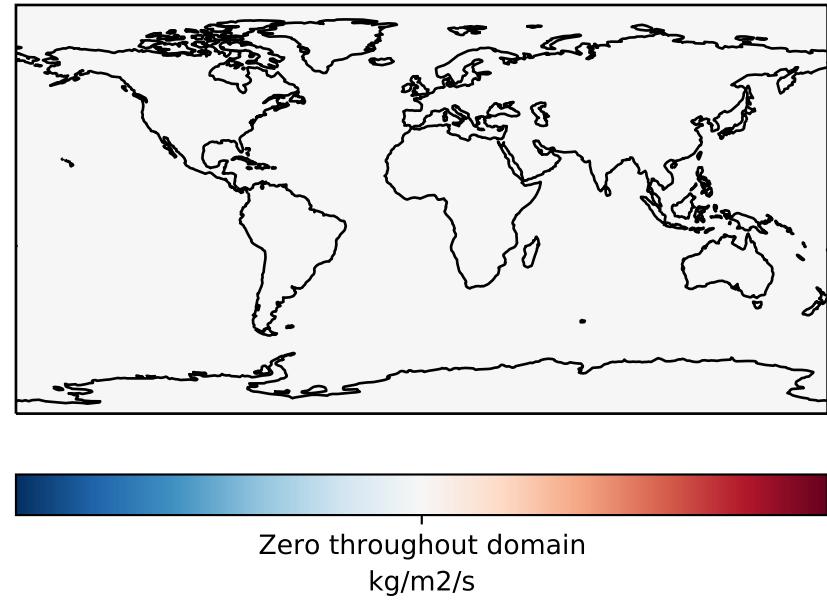
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



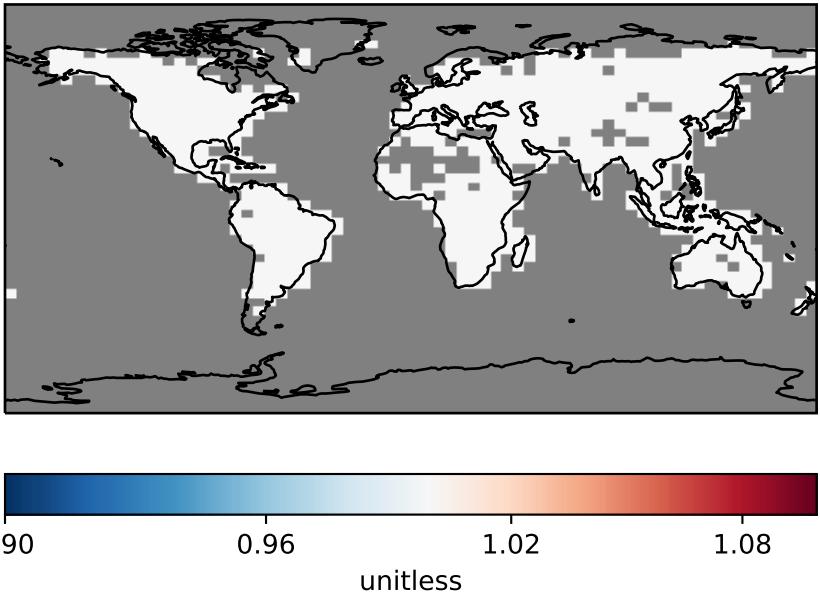
Difference
Dev - Ref, Dynamic Range



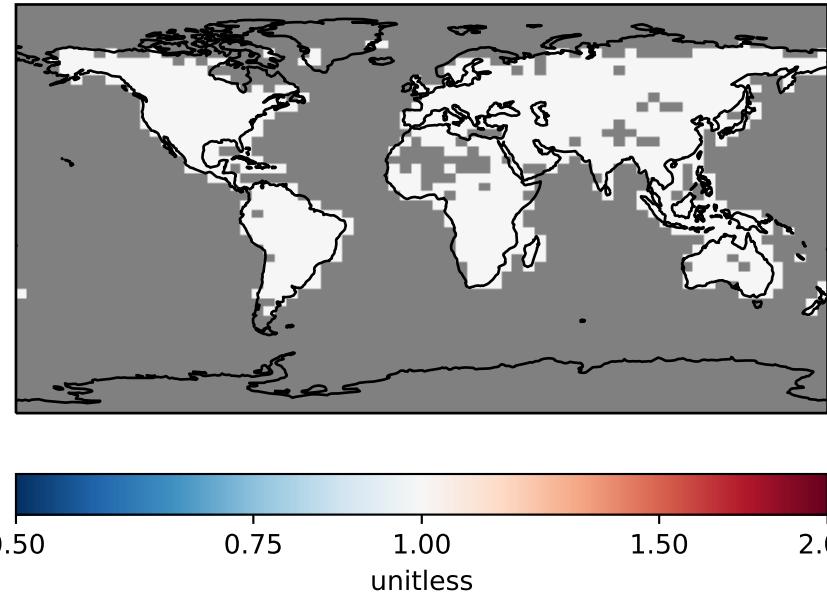
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

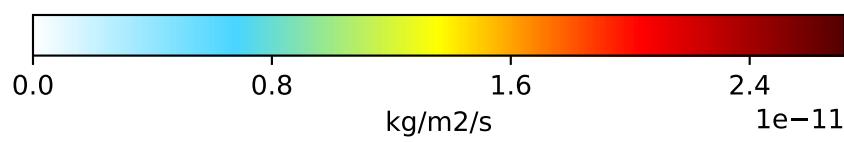
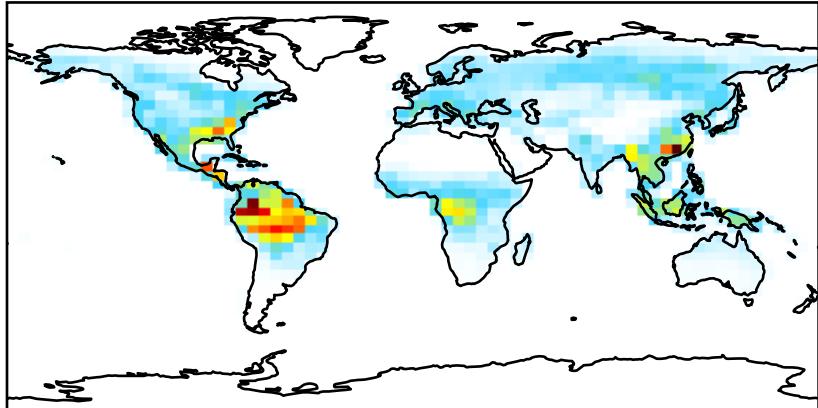


Ratio
Dev/Ref, Fixed Range

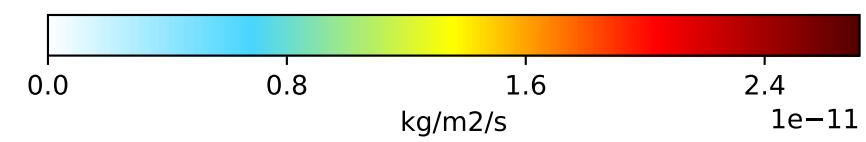
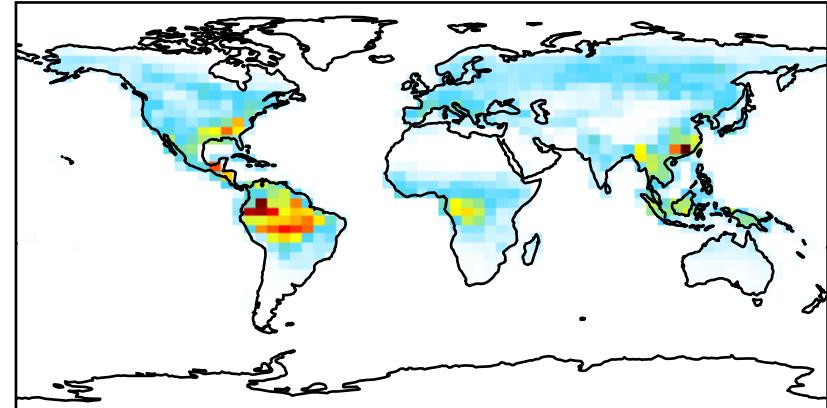


EmisALD2_Biogenic

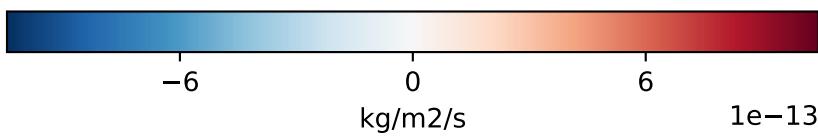
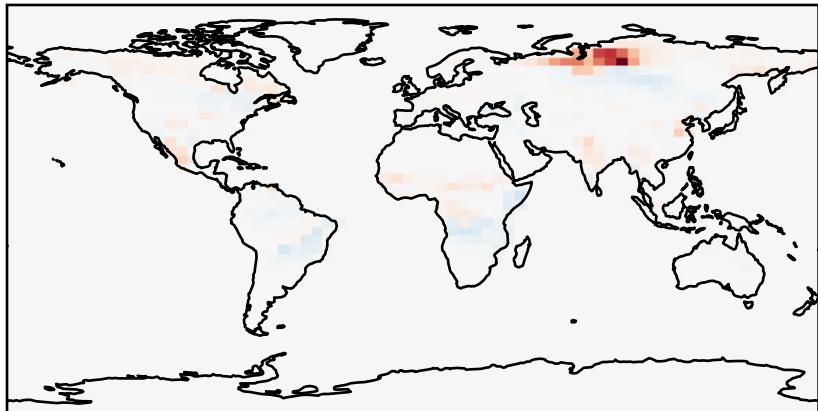
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



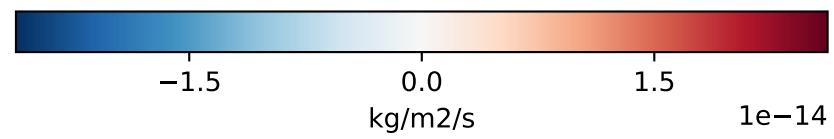
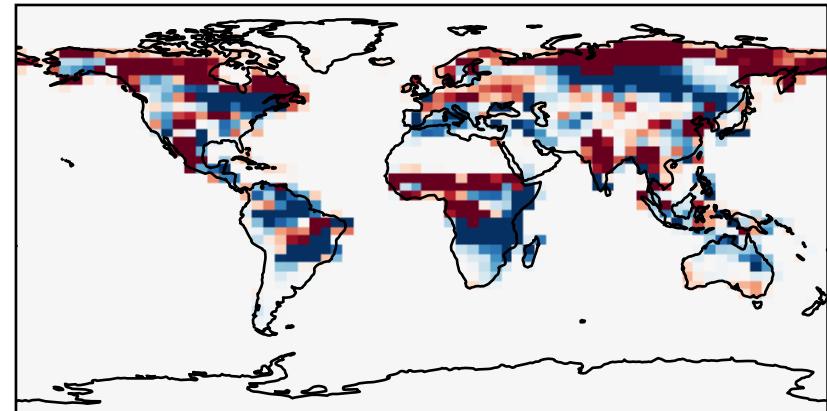
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



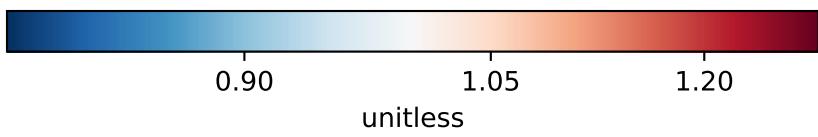
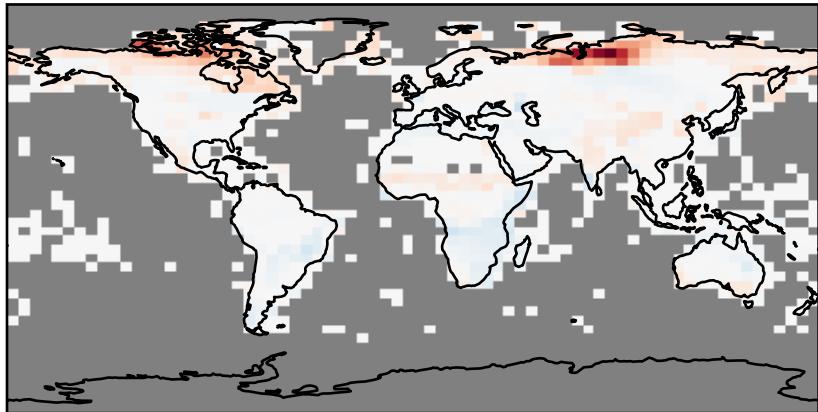
Difference
Dev - Ref, Dynamic Range



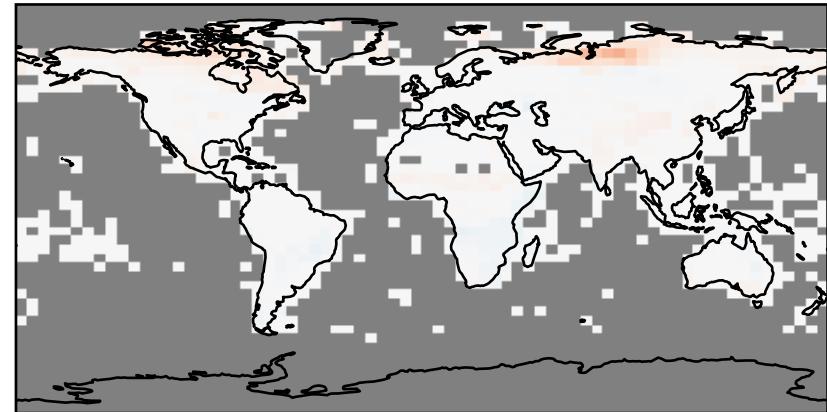
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

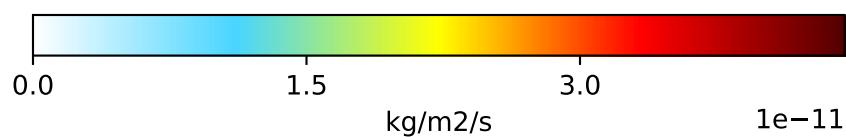
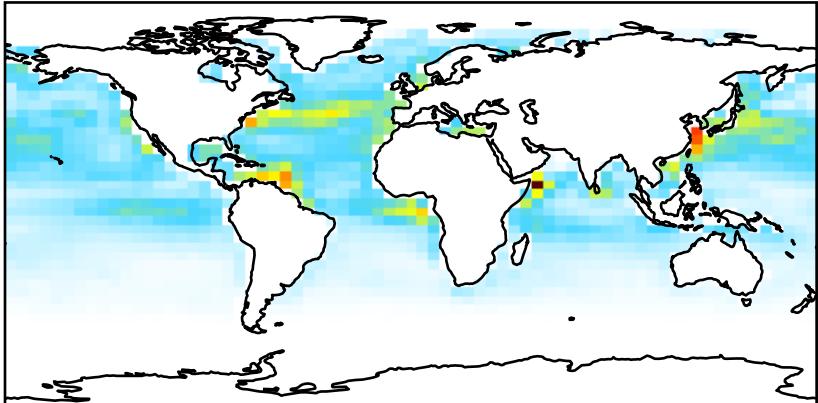


Ratio
Dev/Ref, Fixed Range

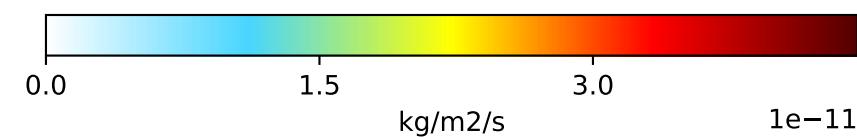
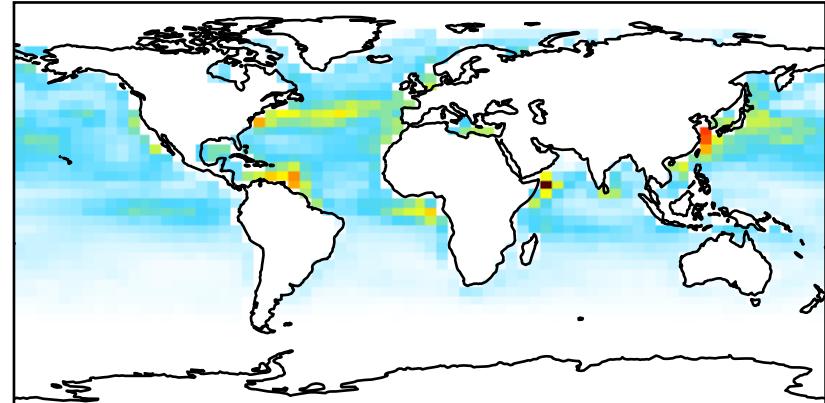


EmisALD2_Ocean

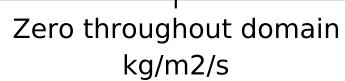
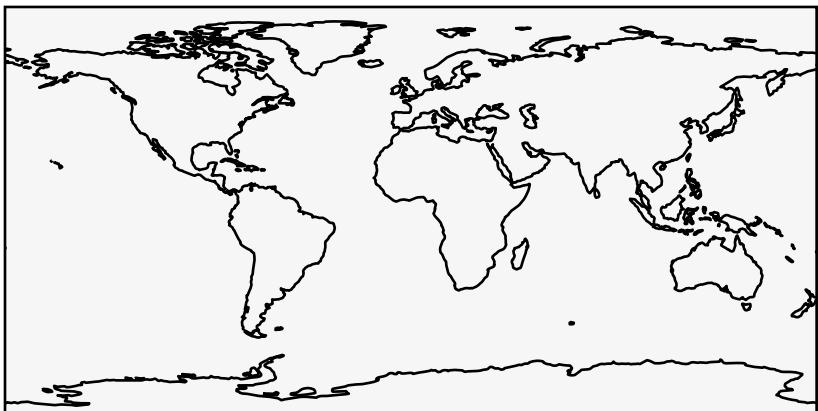
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



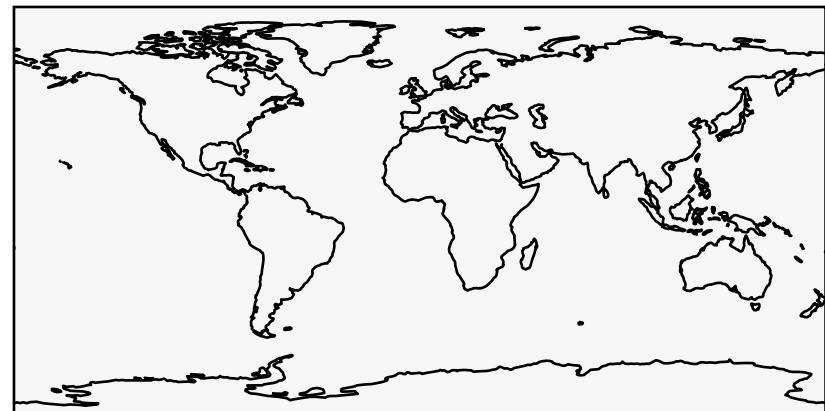
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



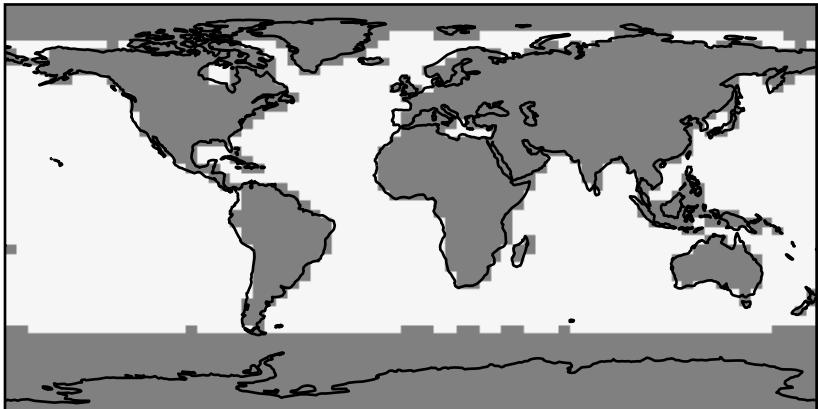
Difference
Dev - Ref, Dynamic Range



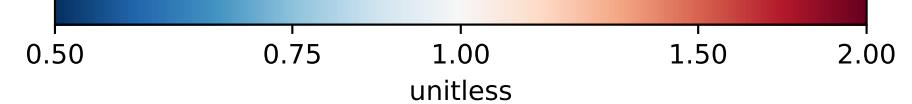
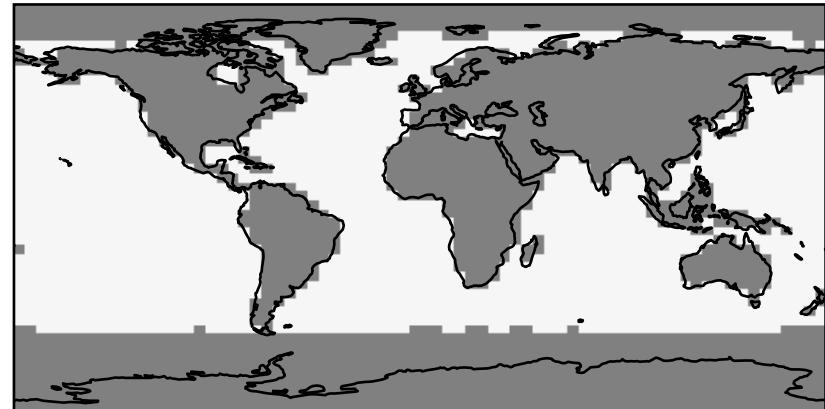
Difference
Dev - Ref, Restricted Range [5%,95%]



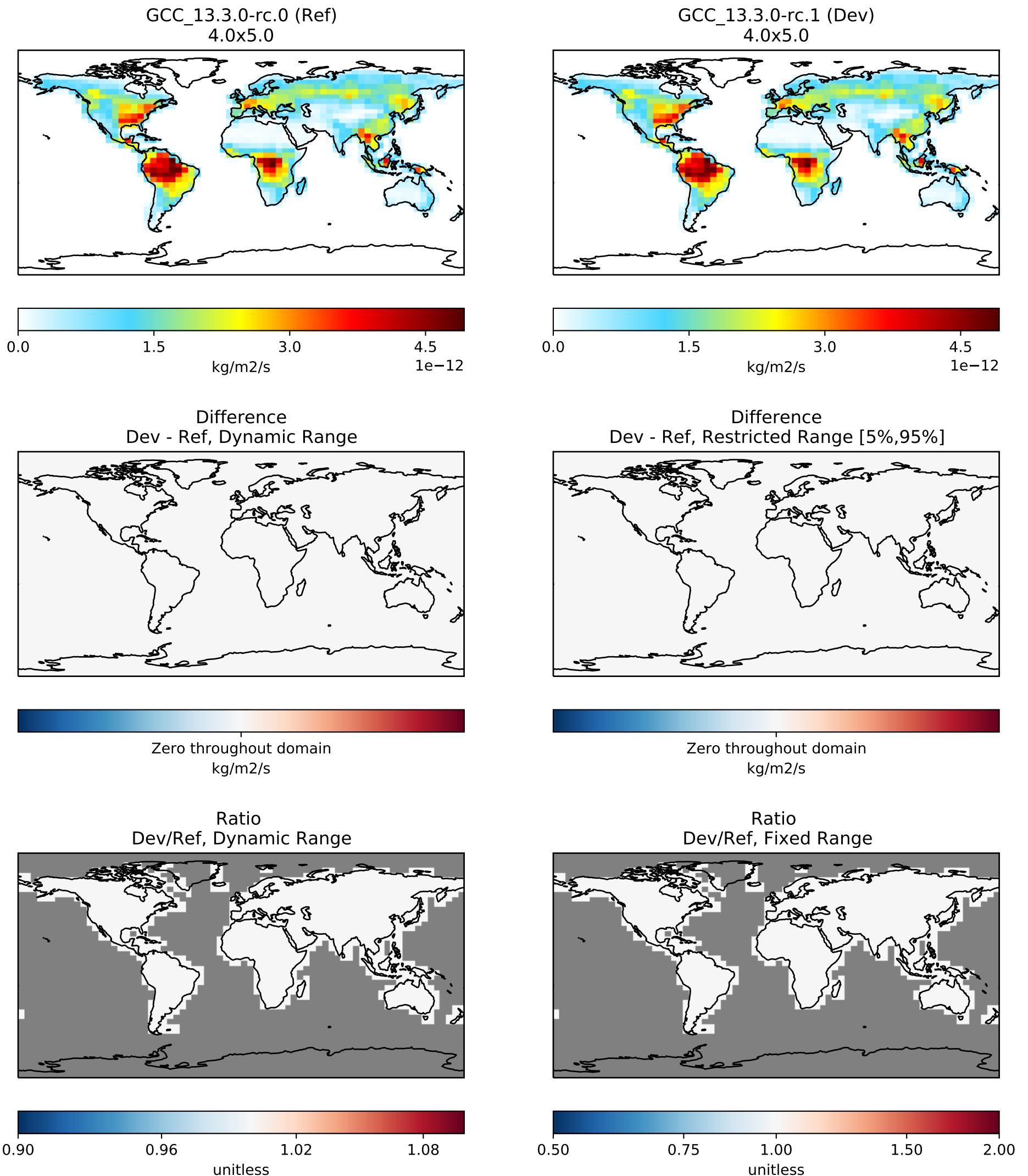
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

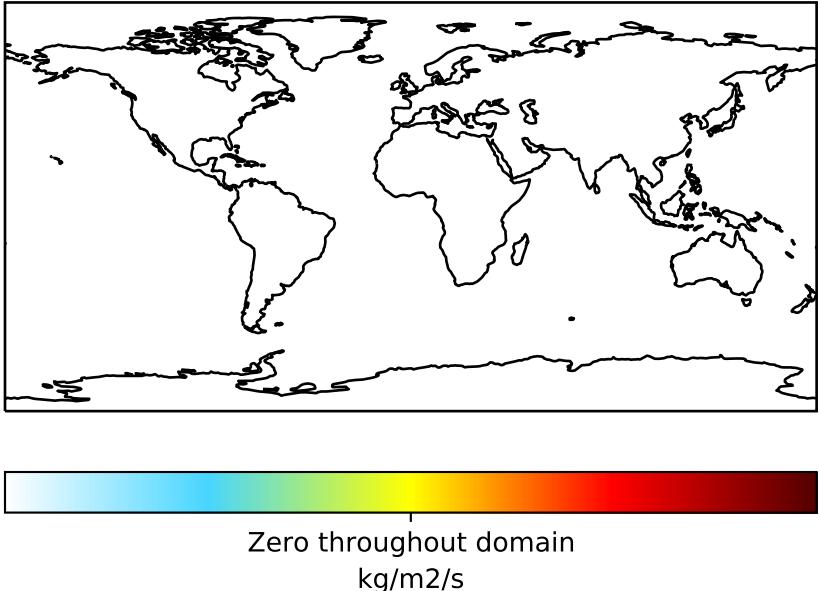


EmisALD2_PlantDecay

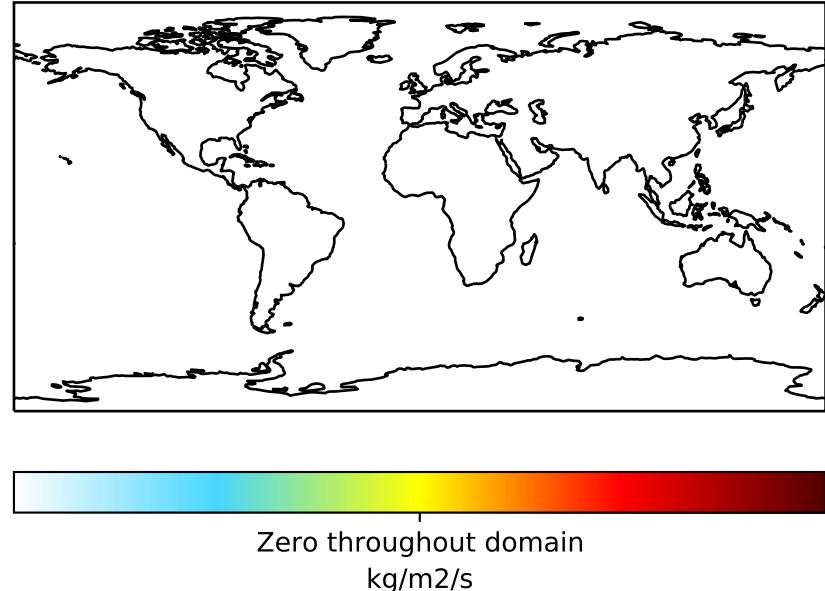


EmisALD2_Ship

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



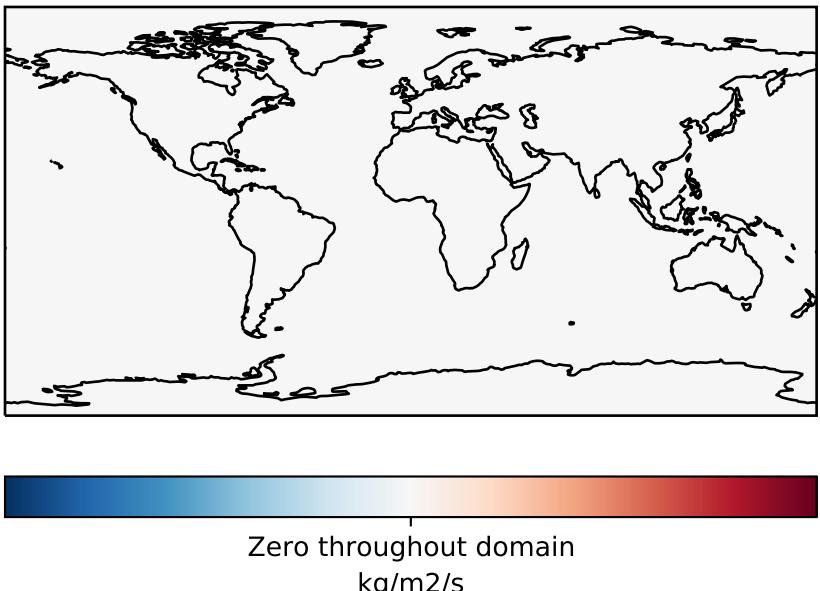
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

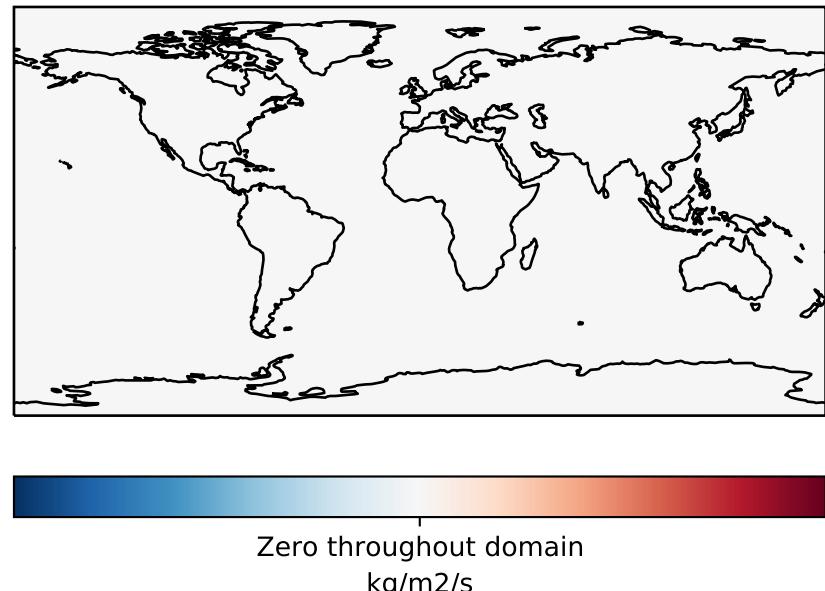
Difference
Dev - Ref, Dynamic Range



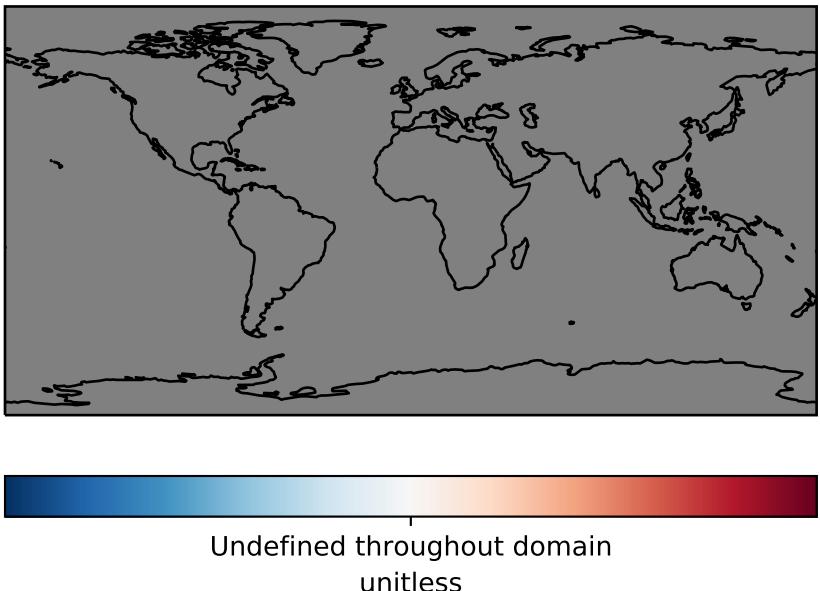
Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

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

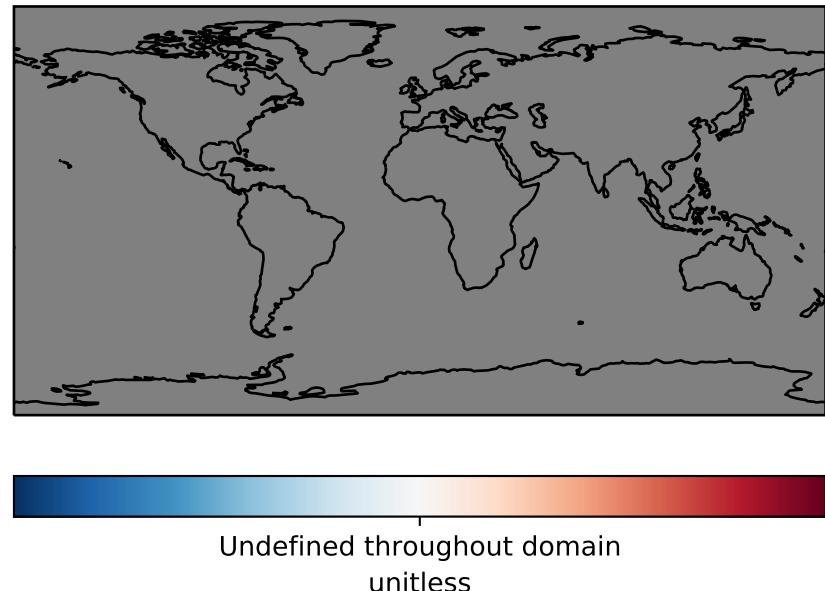


Ratio
Dev/Ref, Dynamic Range



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unitless

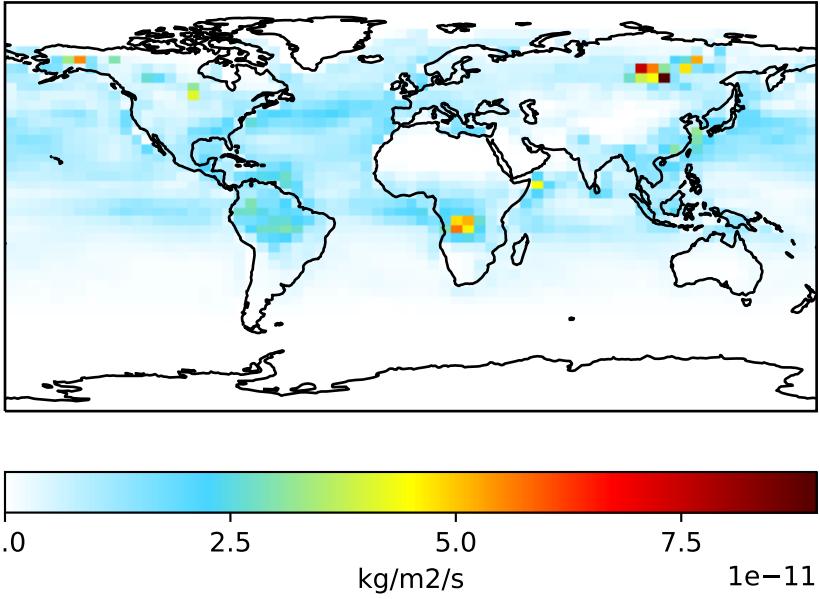
Ratio
Dev/Ref, Fixed Range



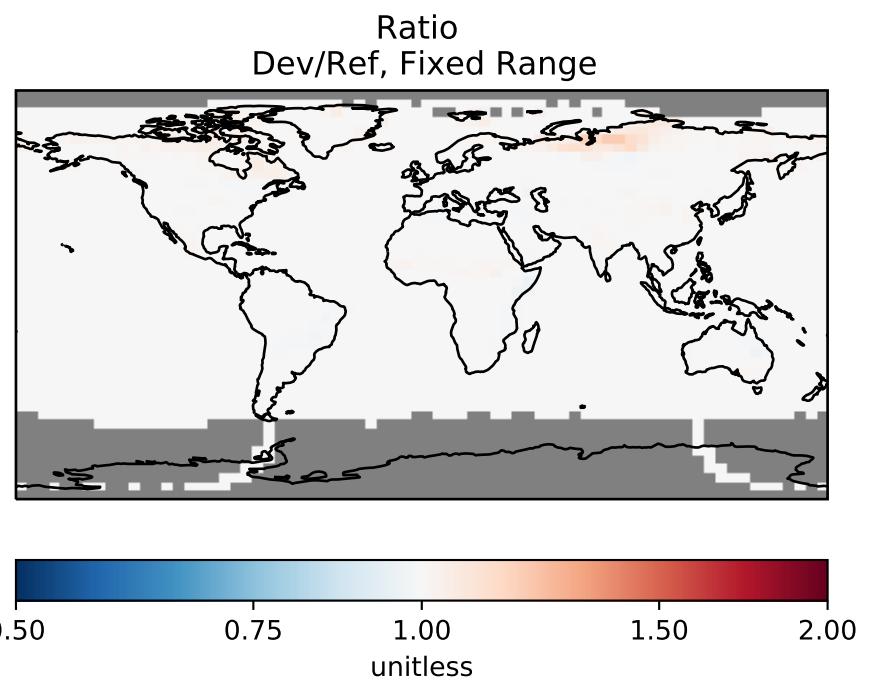
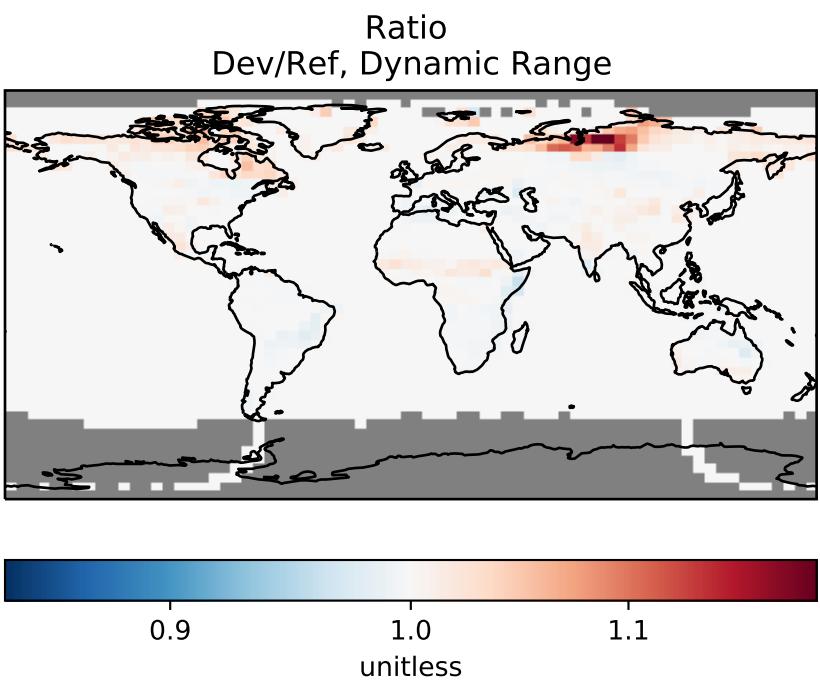
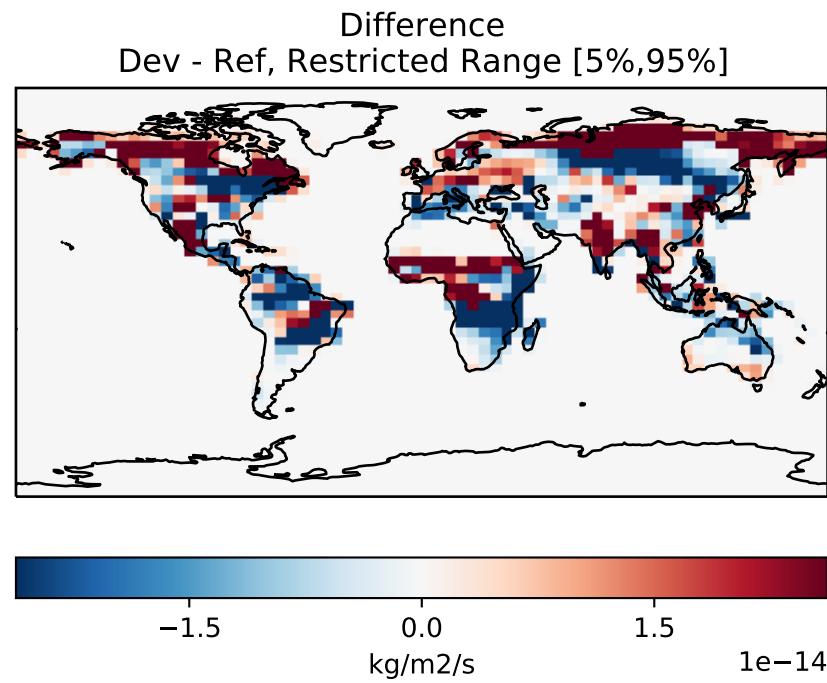
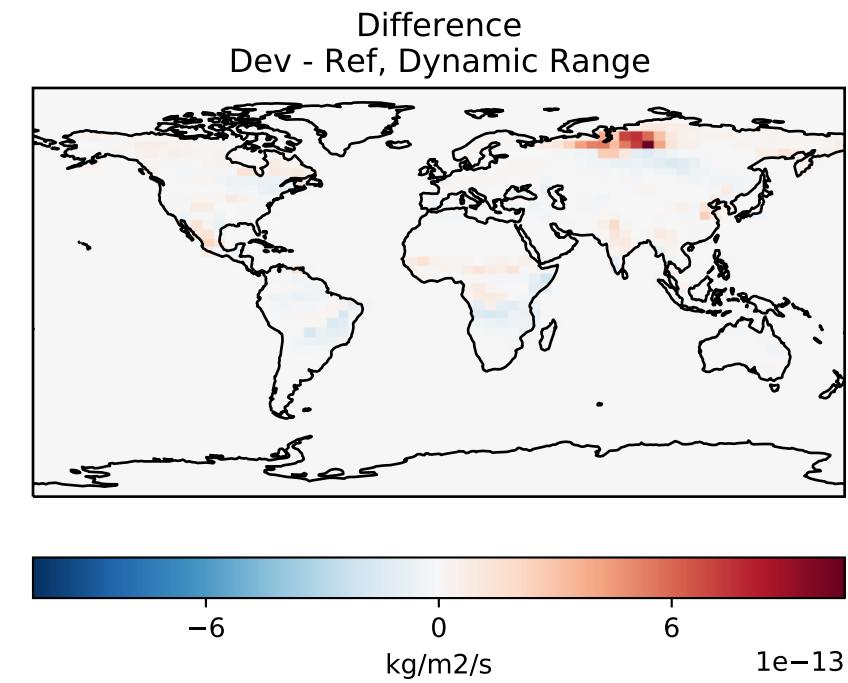
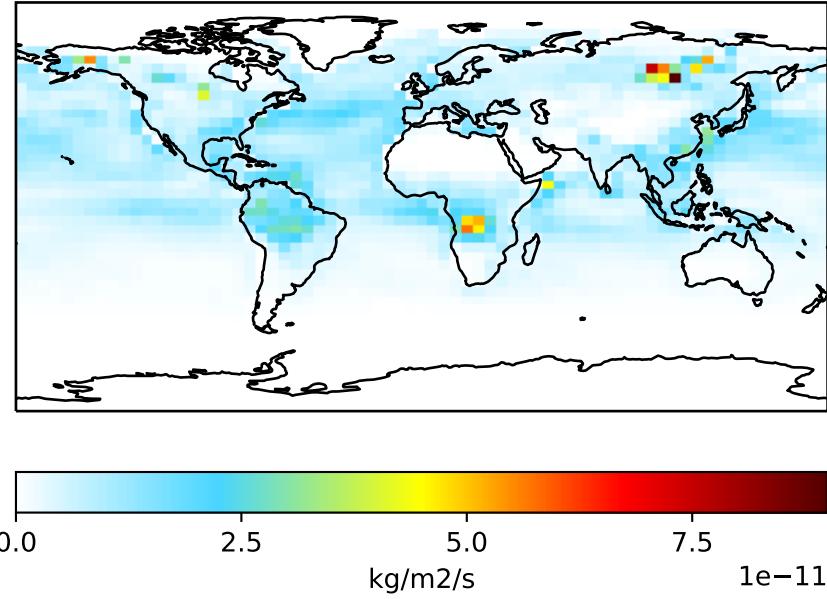
Undefined throughout domain
unitless

EmisALD2_Total

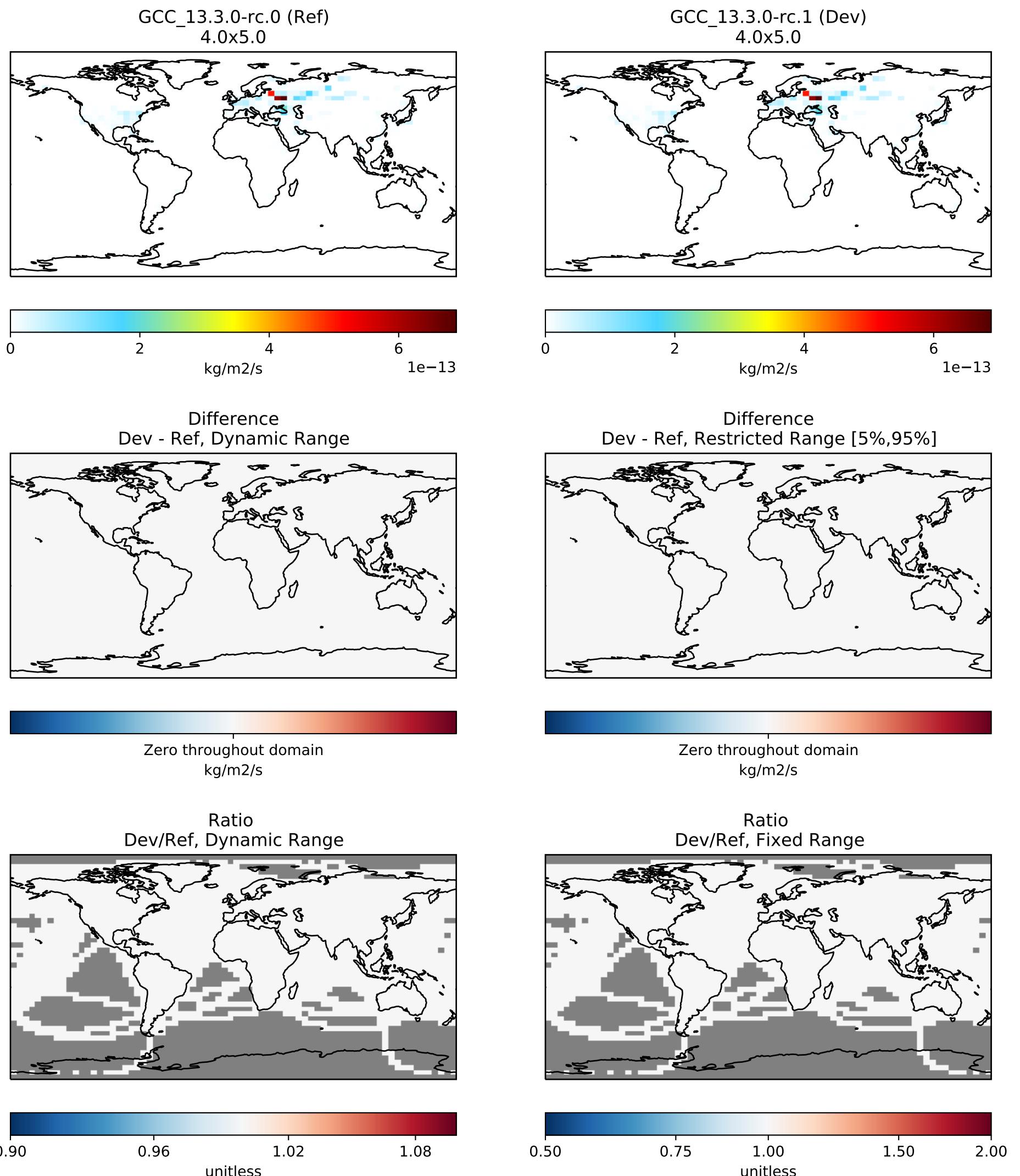
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.3.0-rc.1 (Dev)
4.0x5.0

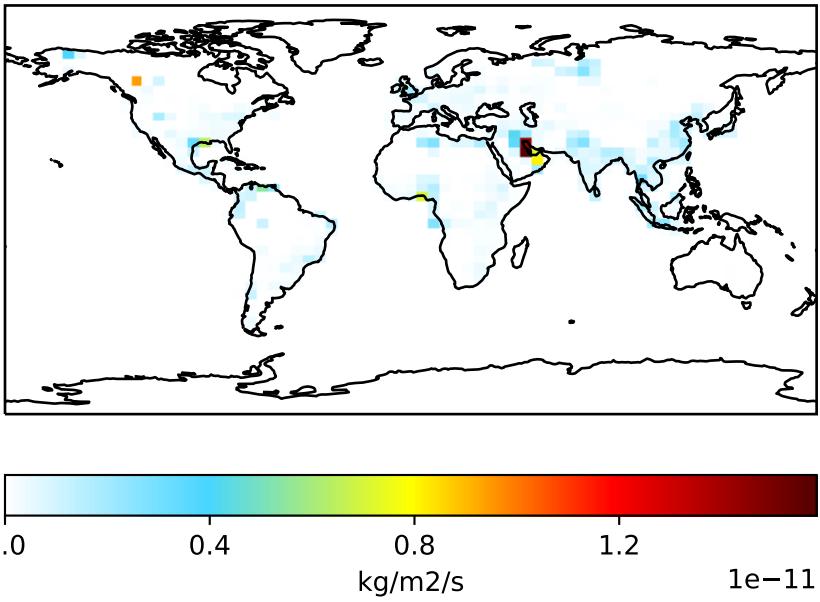


EmisCH2O_Aircraft

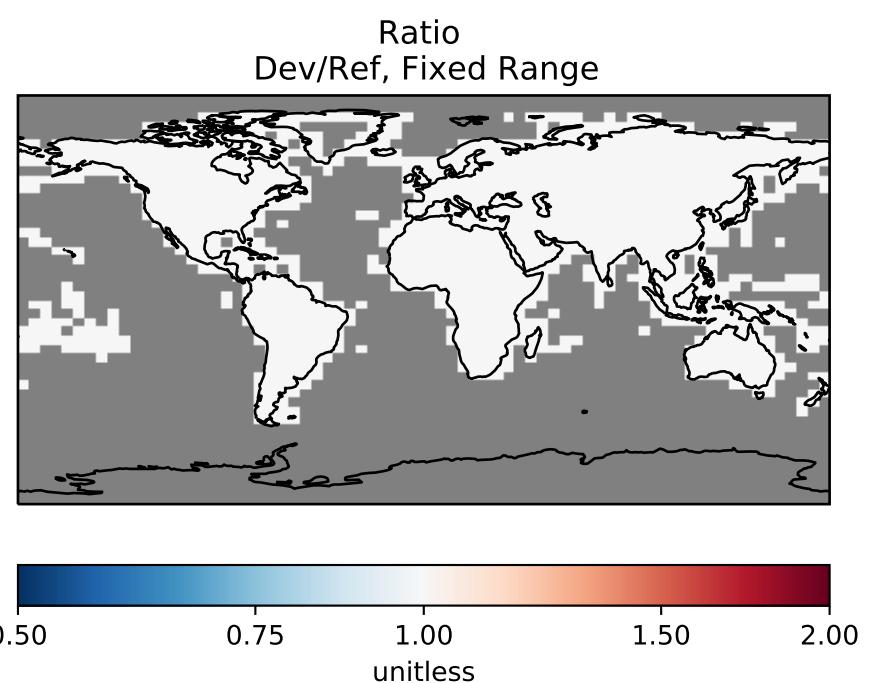
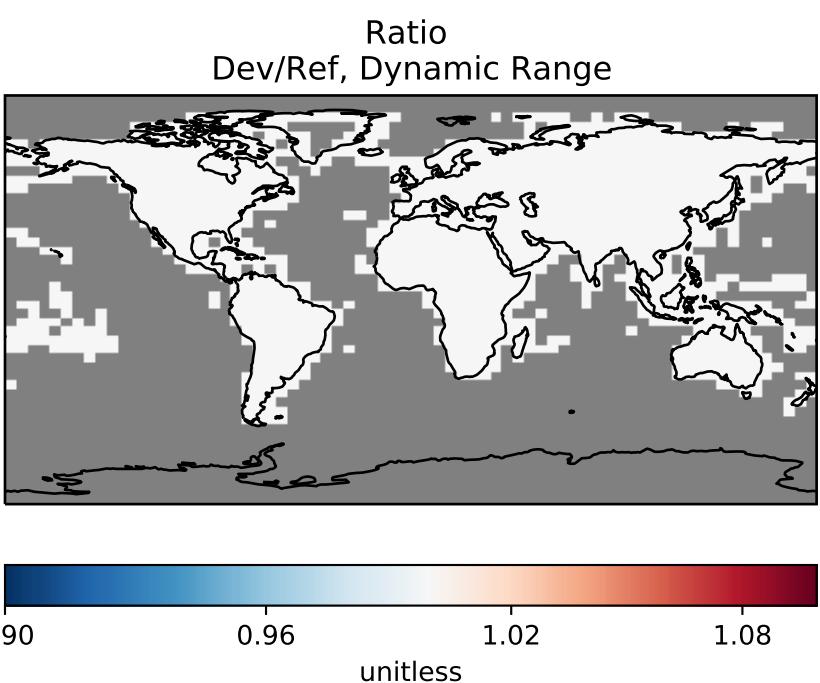
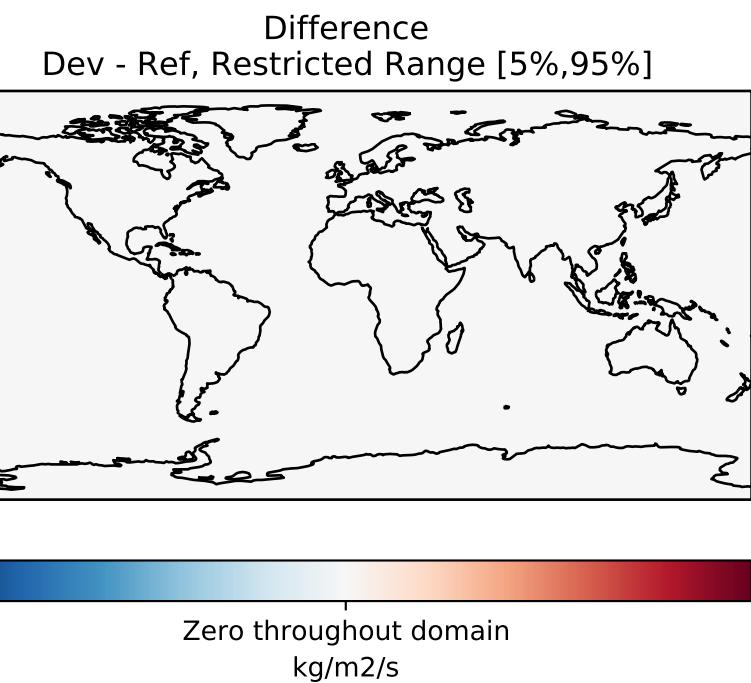
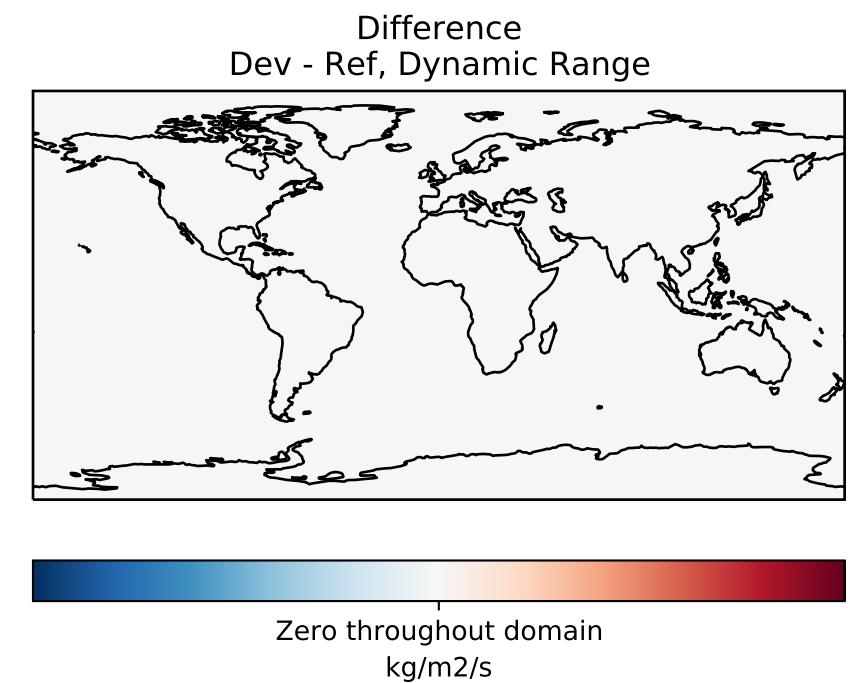
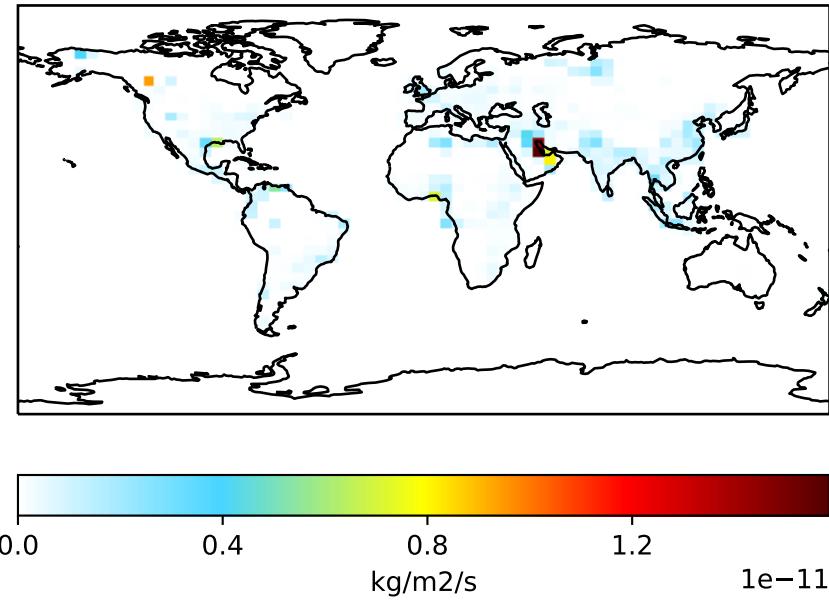


EmisCH2O_Anthro

GCC_13.3.0-rc.0 (Ref)
4.0x5.0

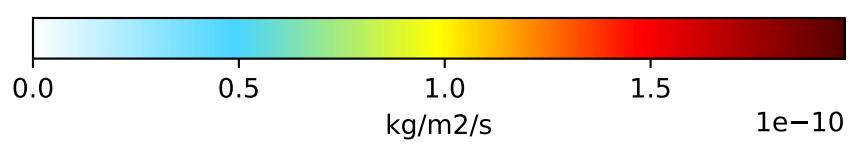
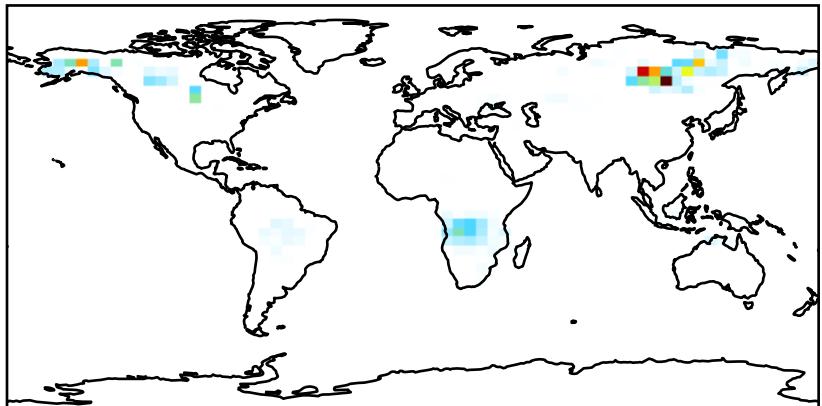


GCC_13.3.0-rc.1 (Dev)
4.0x5.0

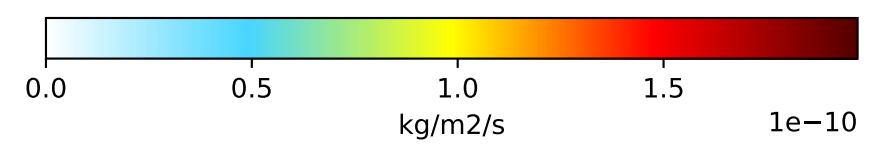
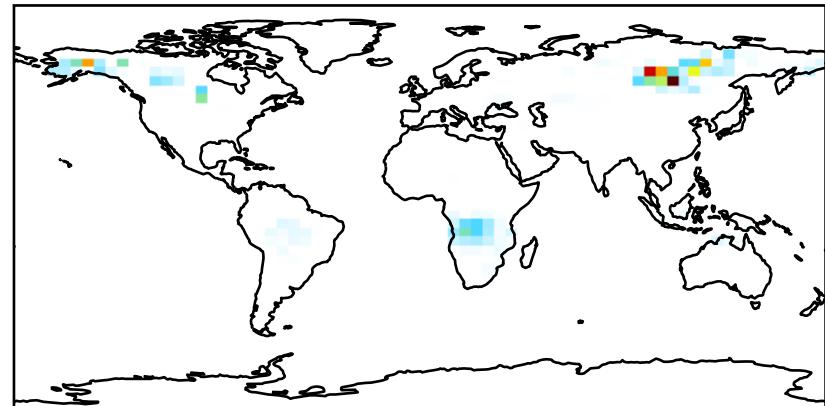


EmisCH2O_BioBurn

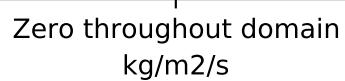
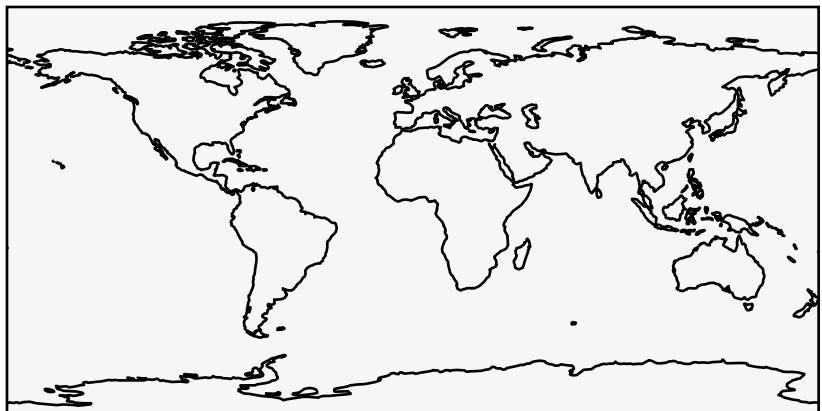
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



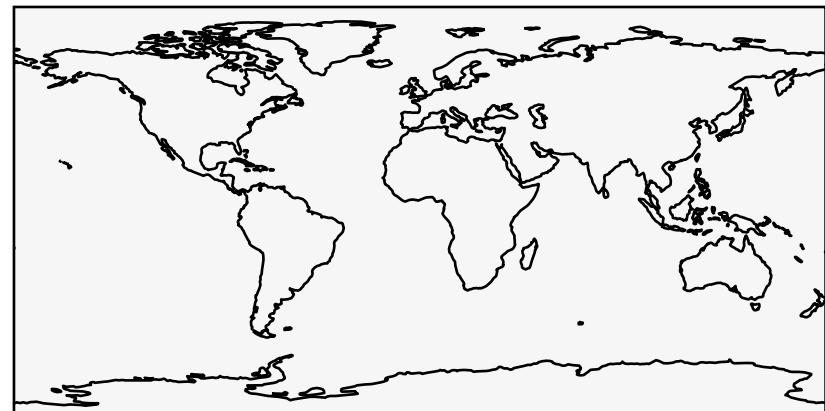
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



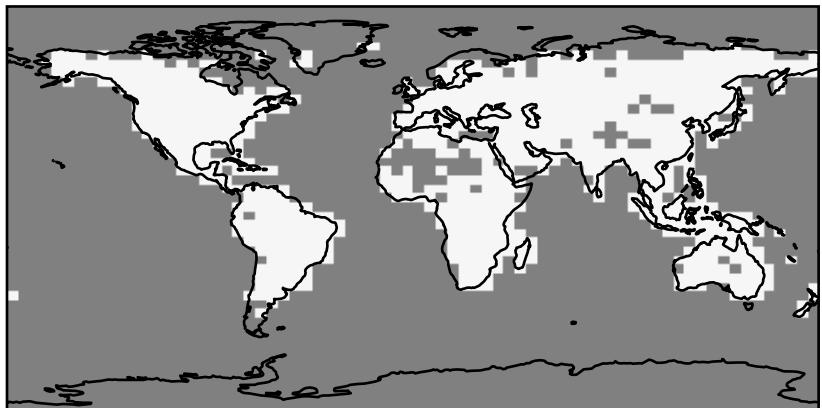
Difference
Dev - Ref, Dynamic Range



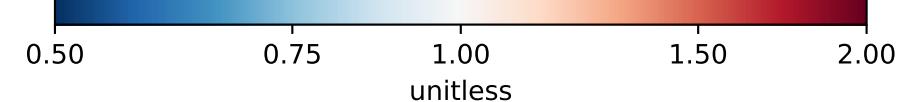
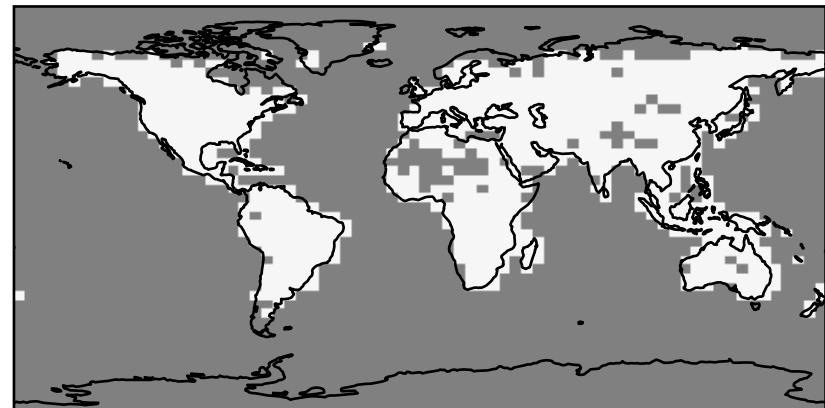
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

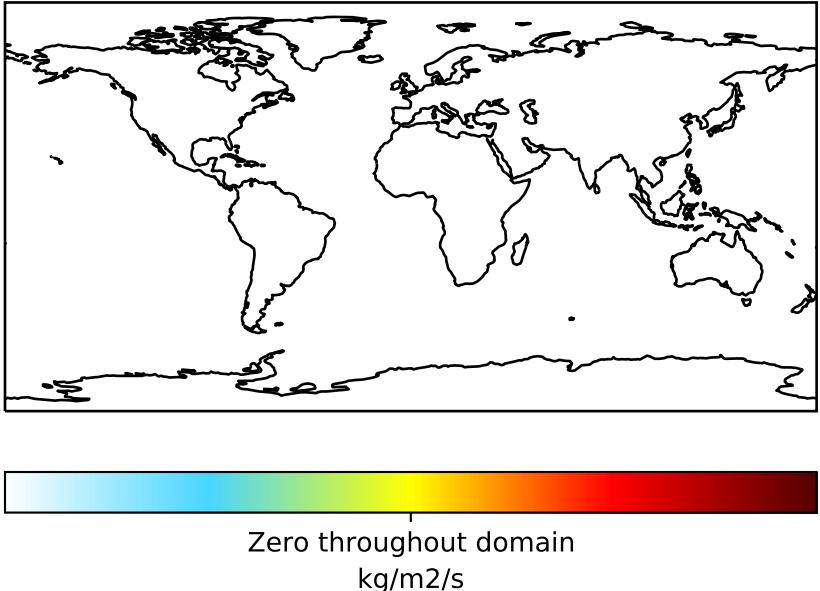


Ratio
Dev/Ref, Fixed Range

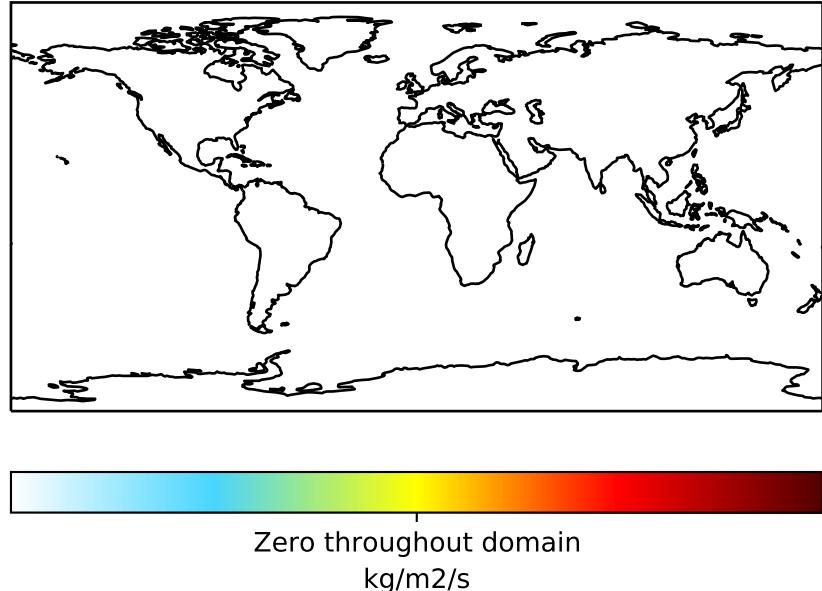


EmisCH2O_Ship

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



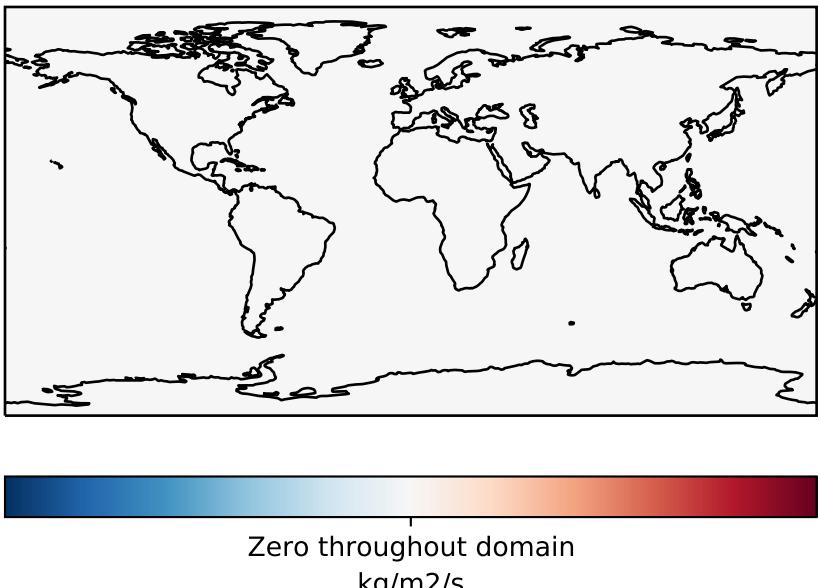
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

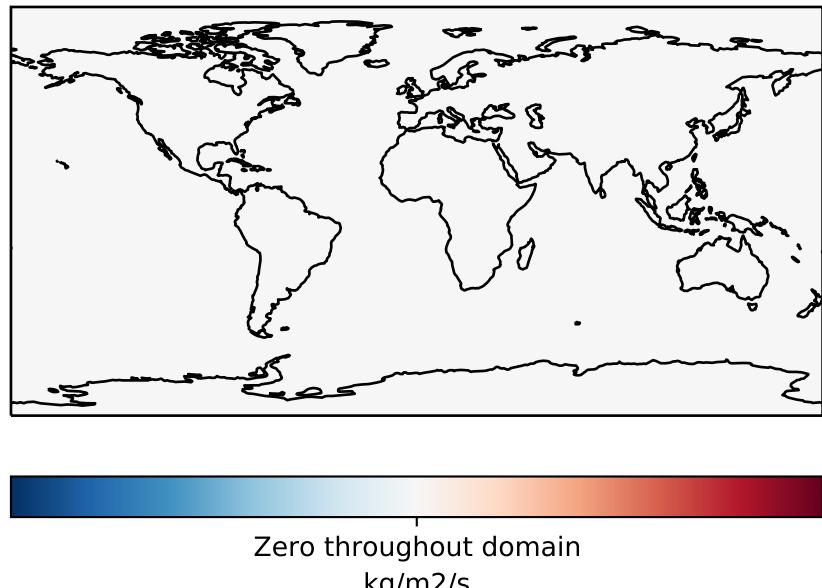
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



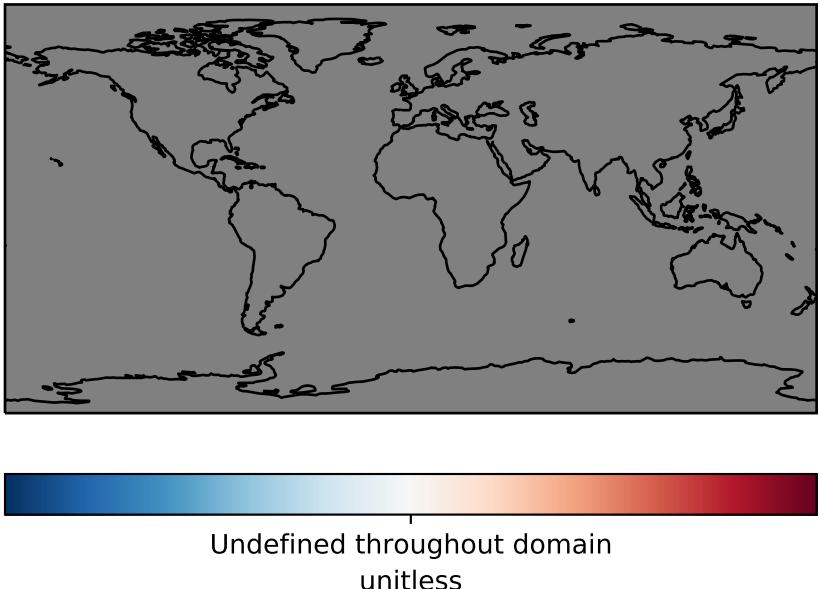
Zero throughout domain
kg/m²/s

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



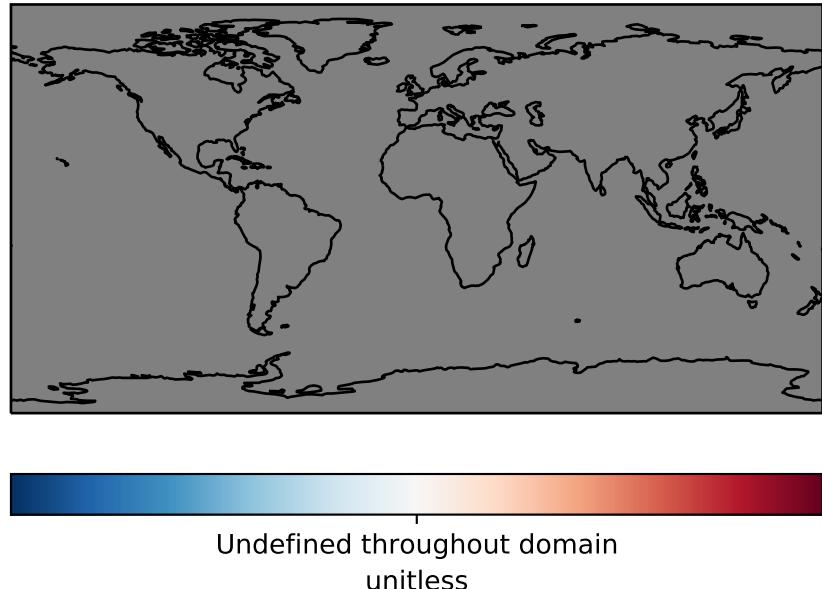
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

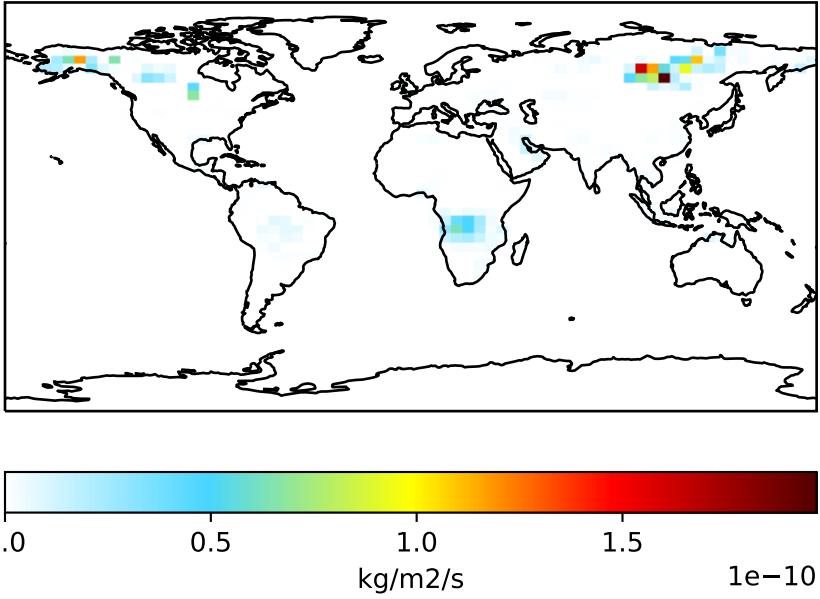
Ratio
Dev/Ref, Fixed Range



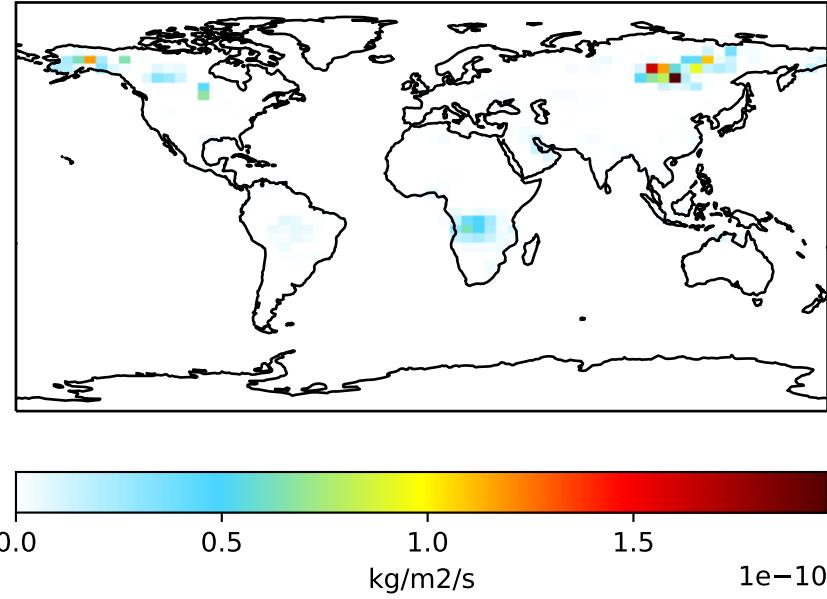
Undefined throughout domain
unitless

EmisCH2O_Total

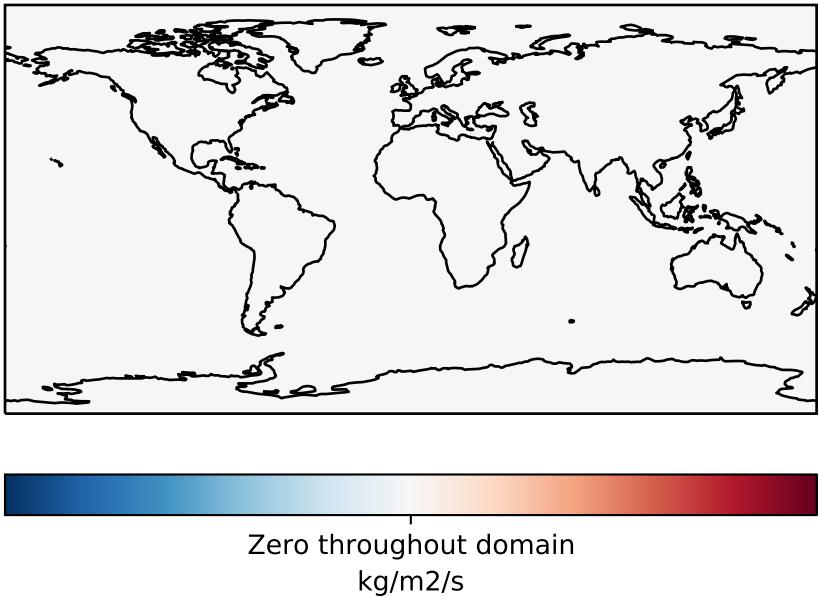
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



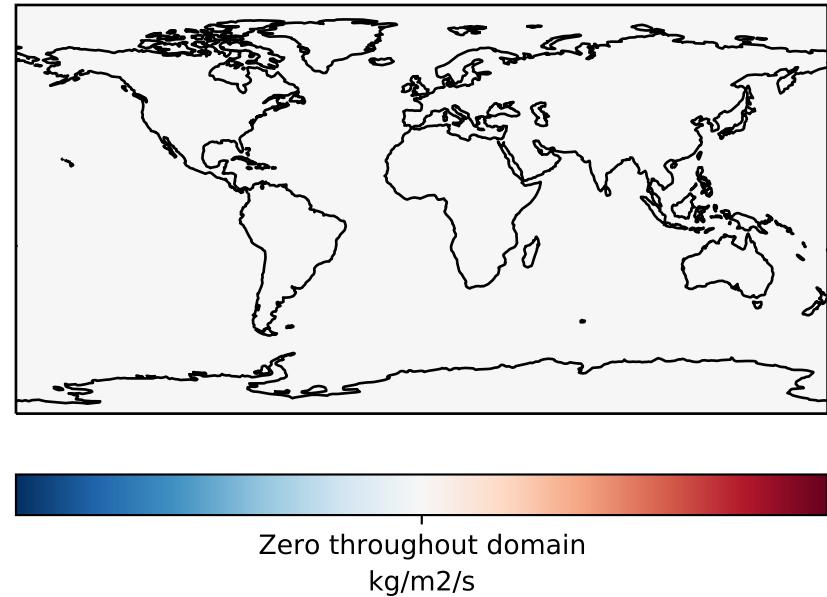
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



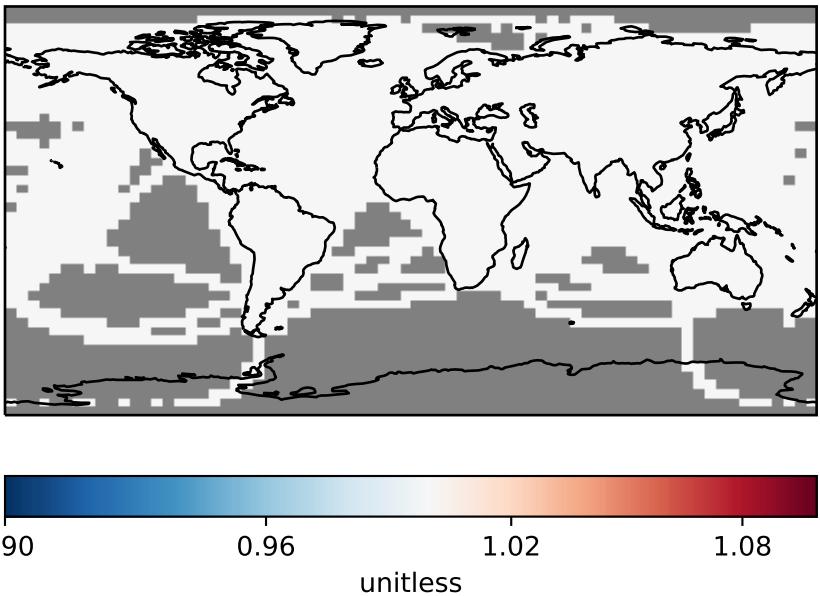
Difference
Dev - Ref, Dynamic Range



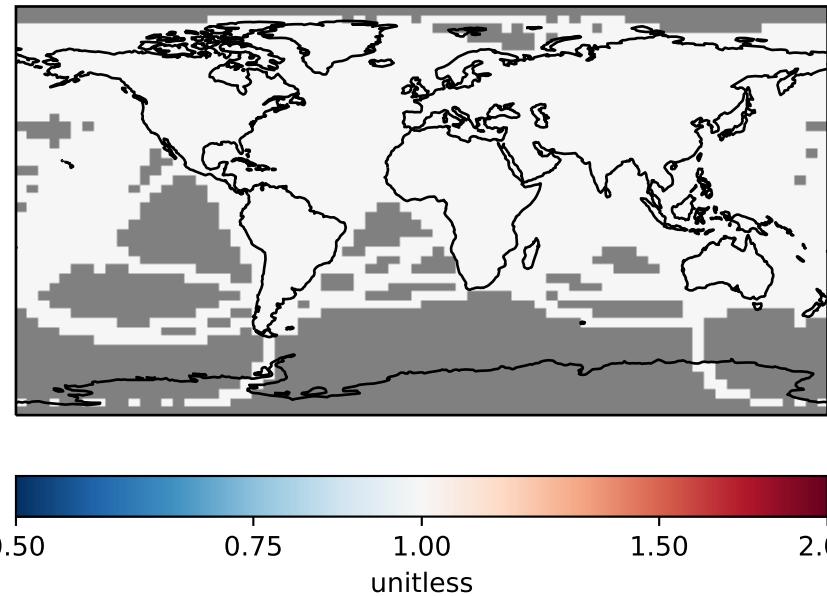
Difference
Dev - Ref, Restricted Range [5%,95%]



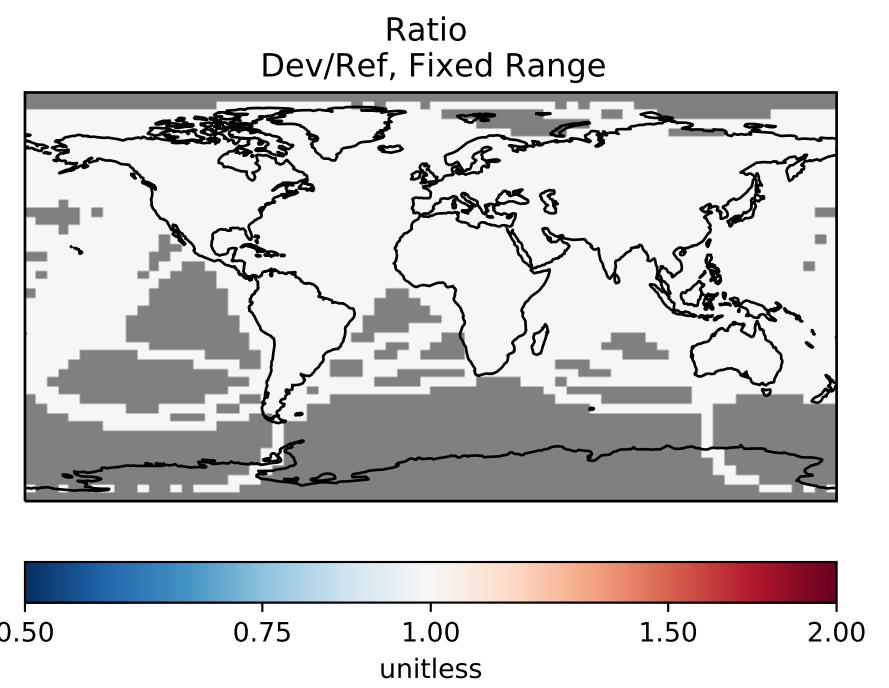
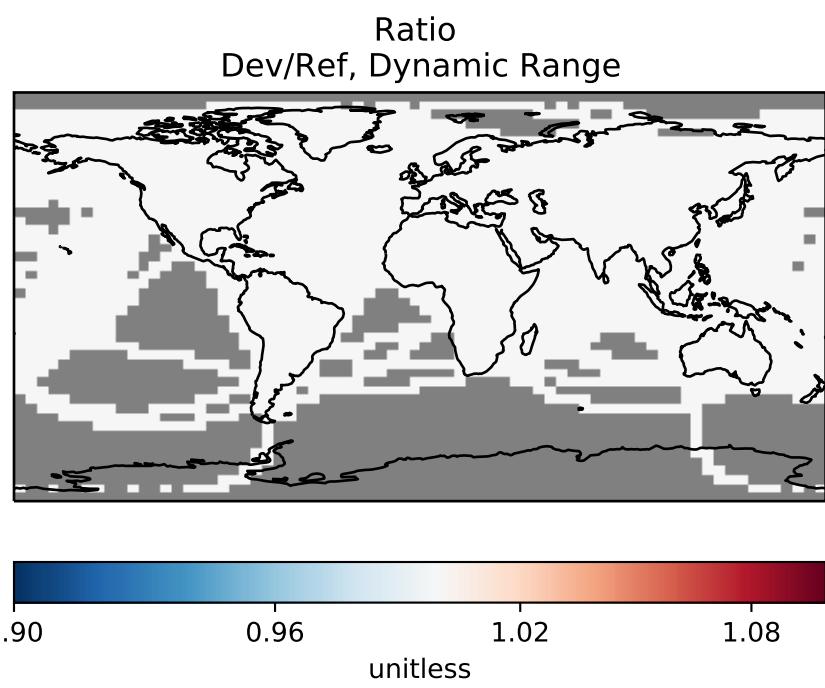
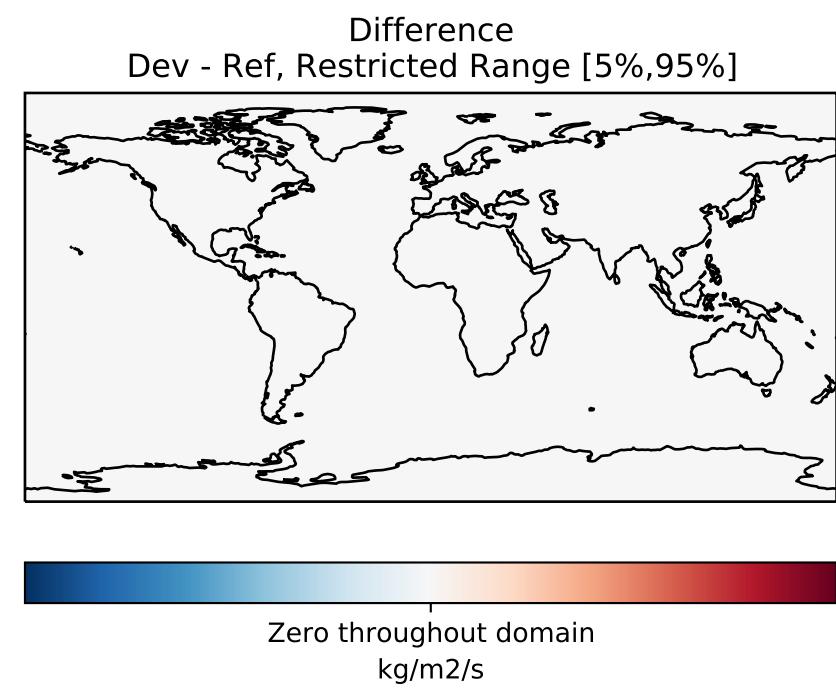
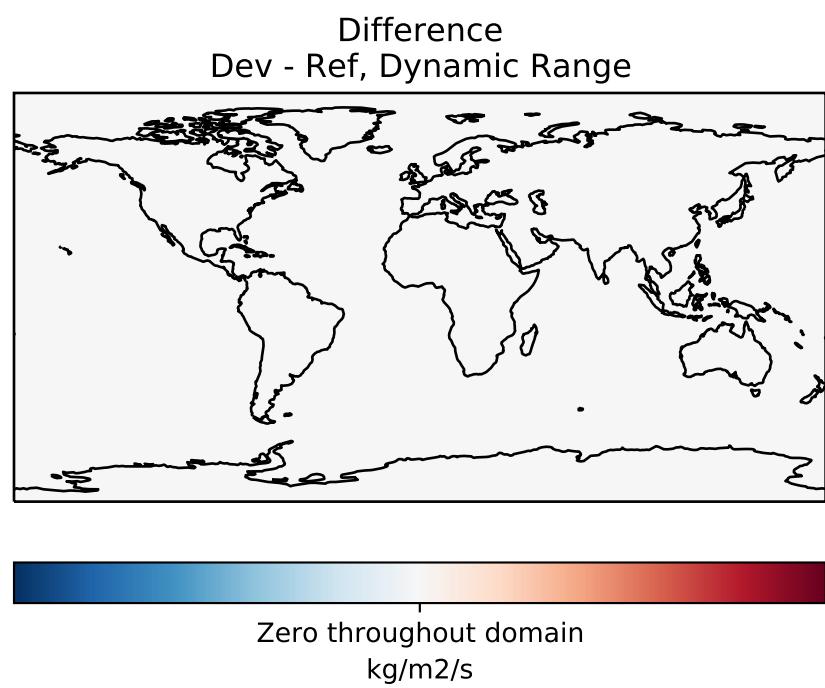
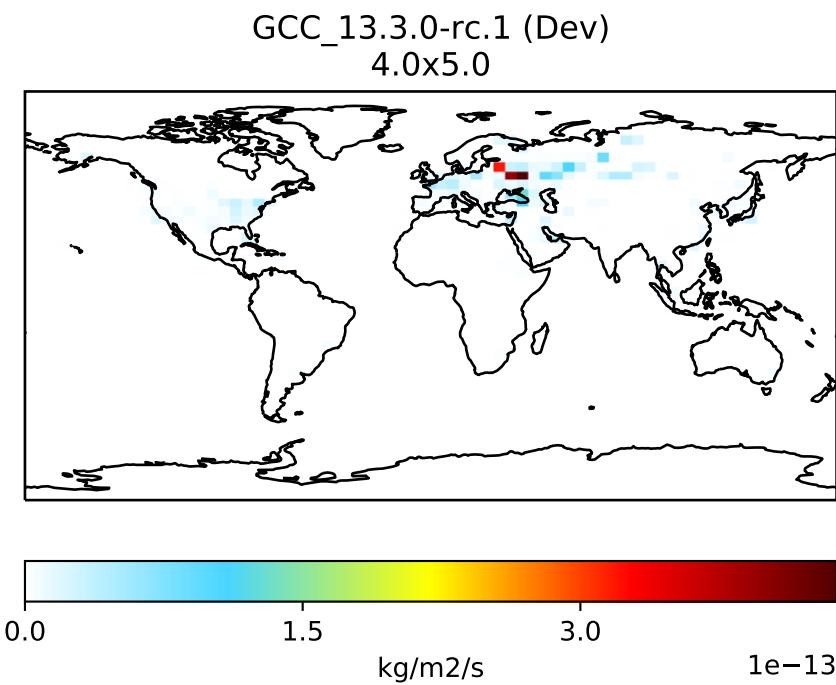
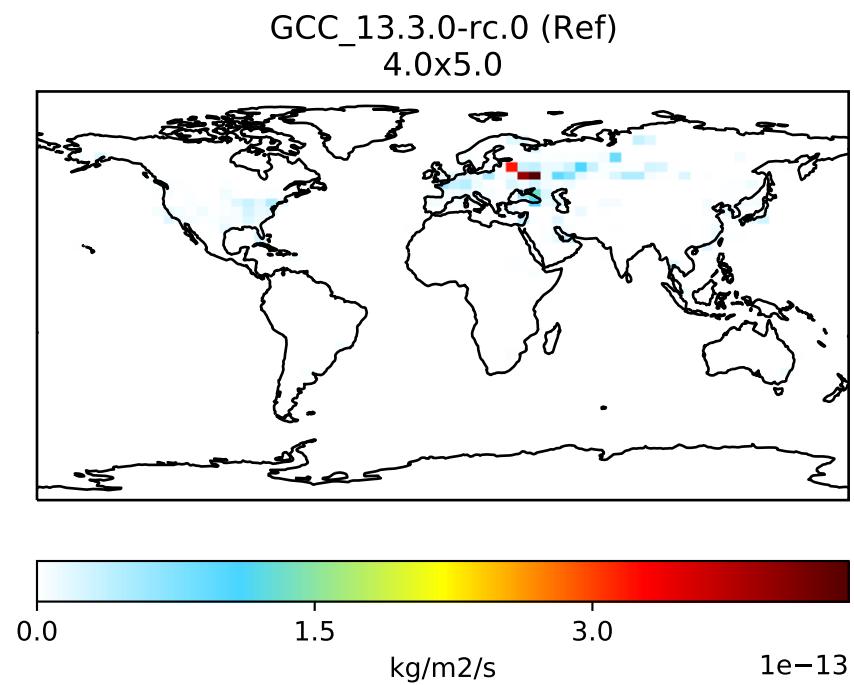
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

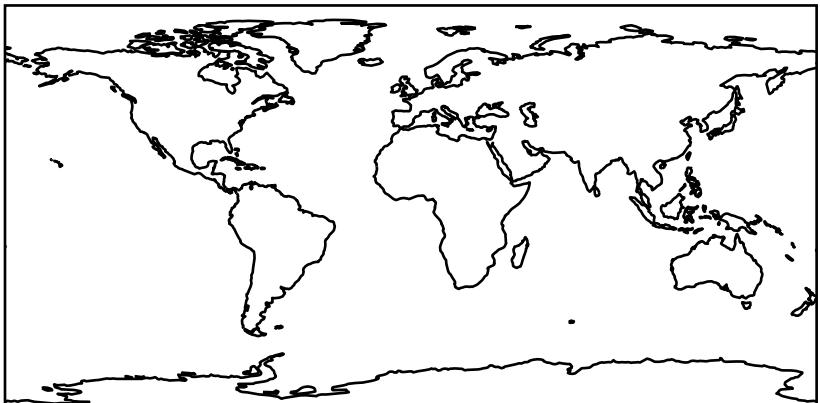


EmisMACR_Aircraft



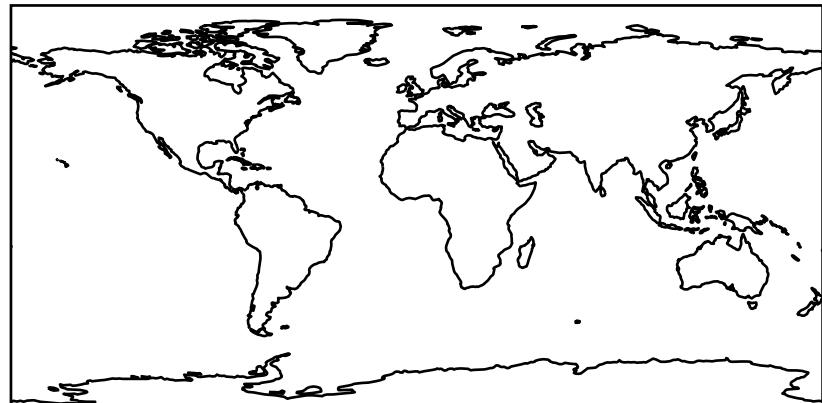
EmisMACR_Anthro

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



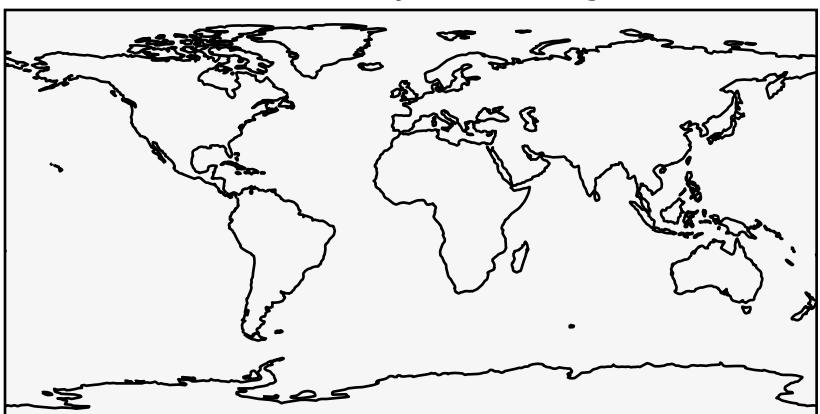
Zero throughout domain
kg/m²/s

GCC_13.3.0-rc.1 (Dev)
4.0x5.0



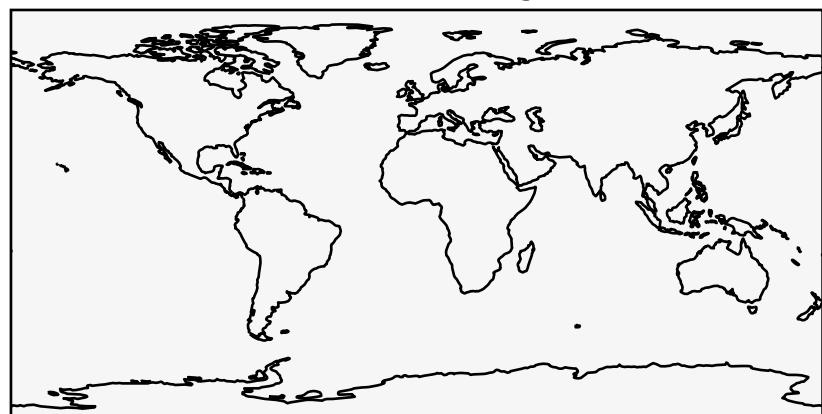
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



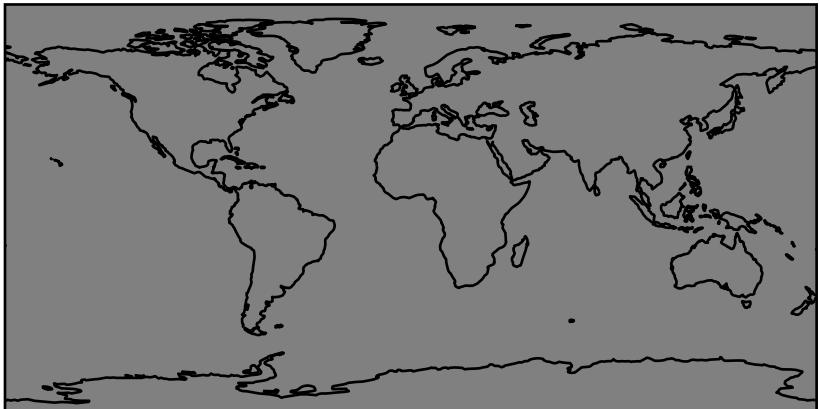
Zero throughout domain
kg/m²/s

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



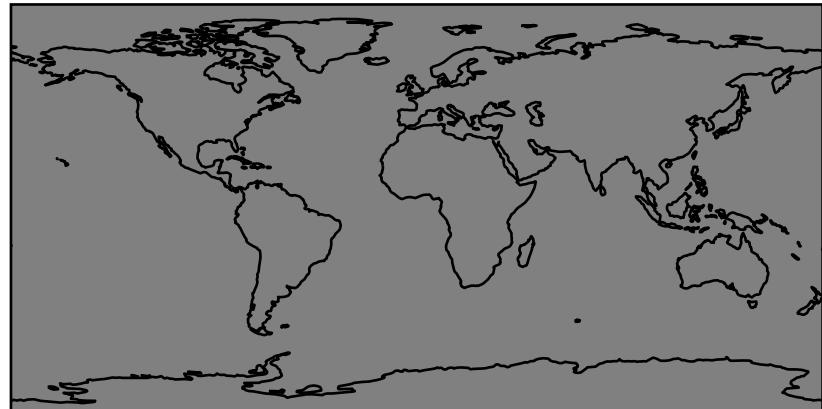
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

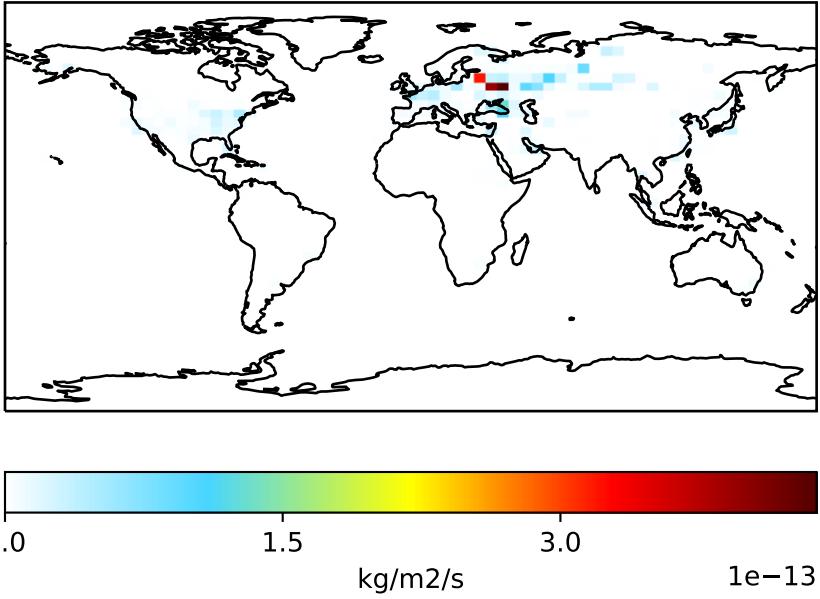
Ratio
Dev/Ref, Fixed Range



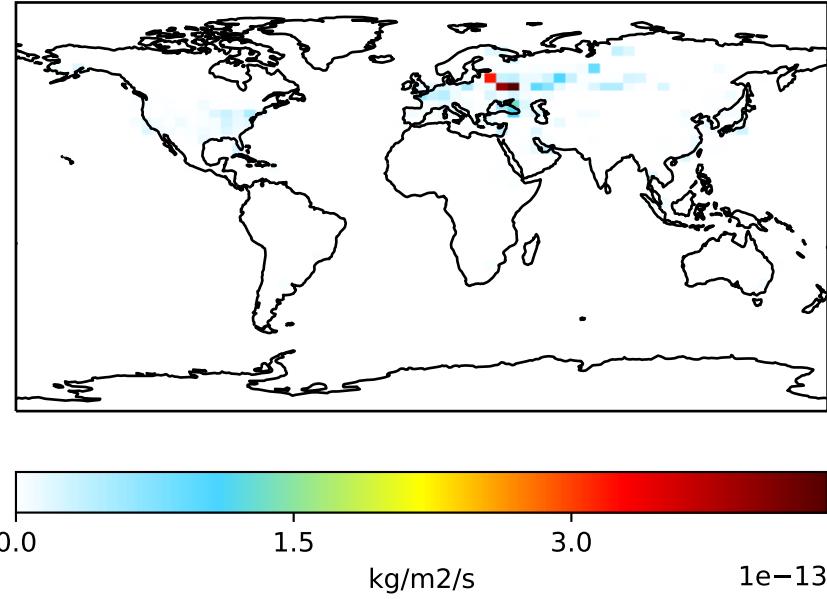
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unitless

EmisMACR_Total

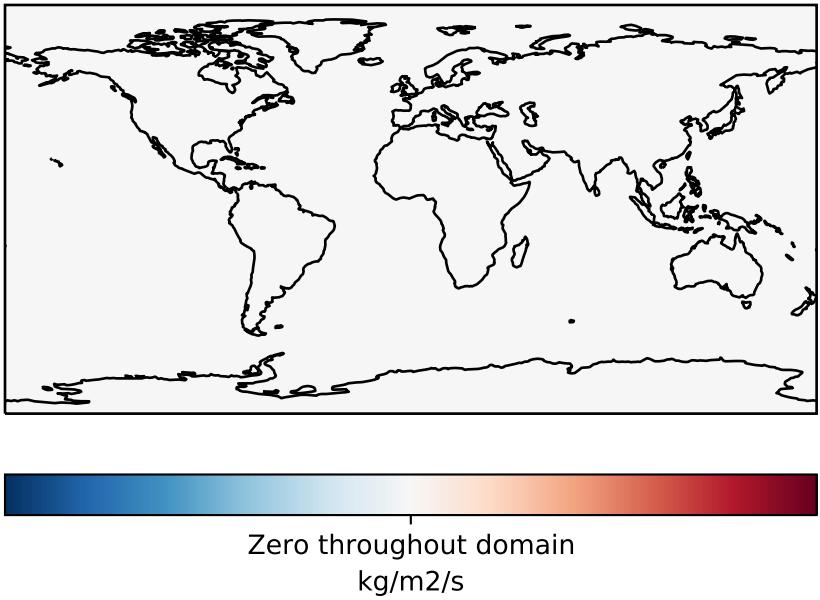
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



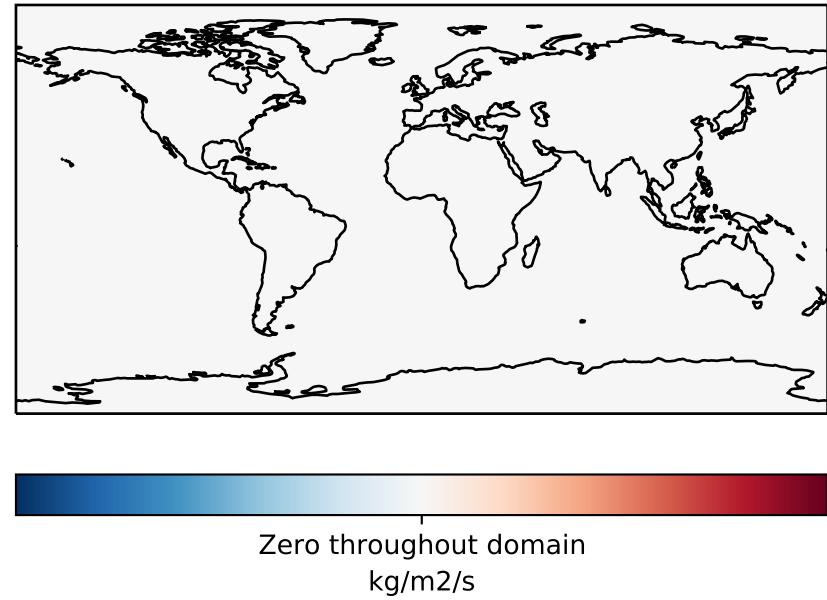
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



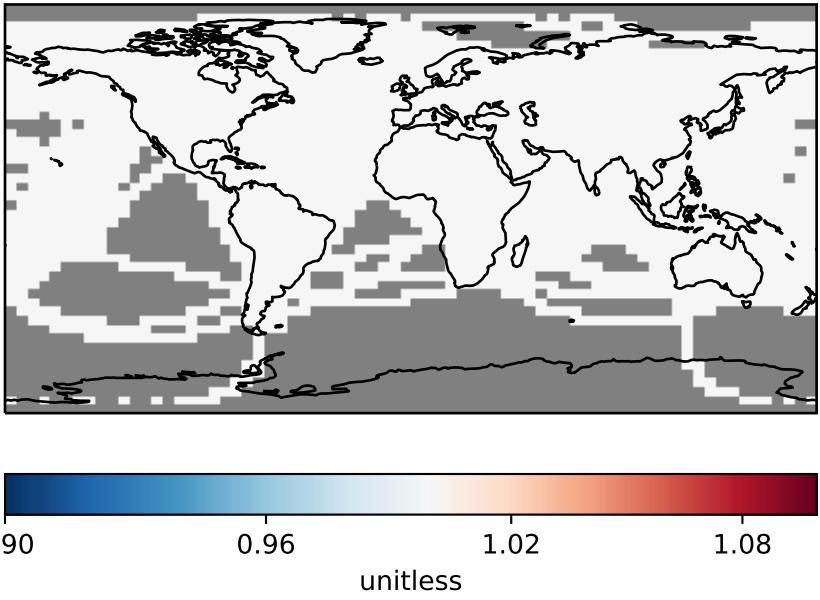
Difference
Dev - Ref, Dynamic Range



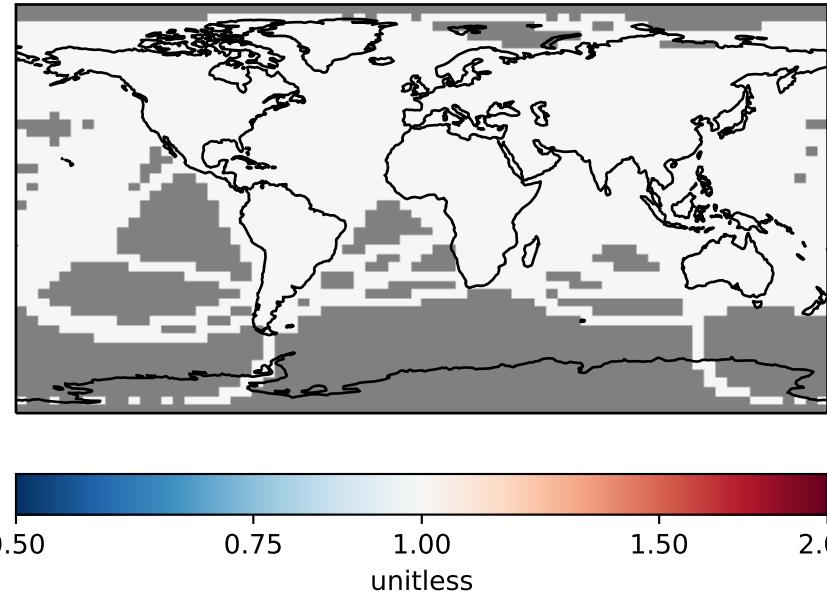
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

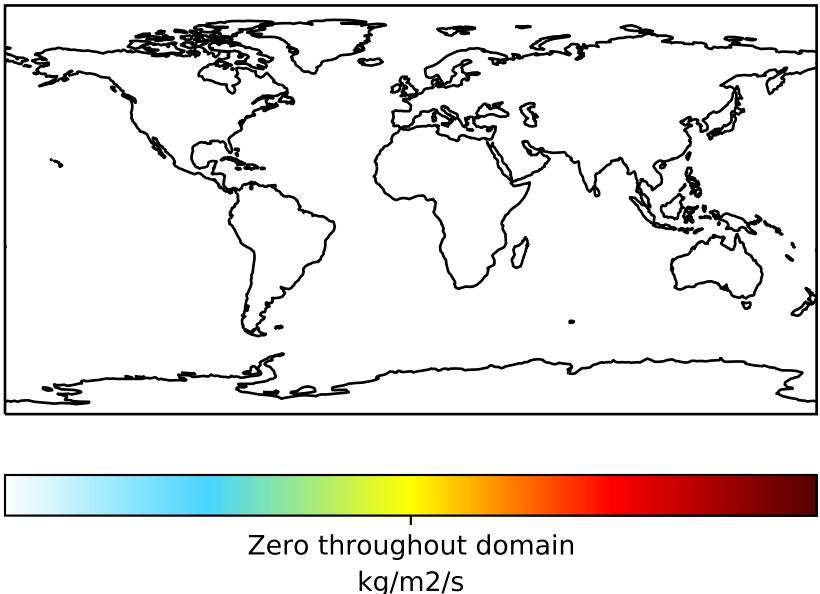


Ratio
Dev/Ref, Fixed Range

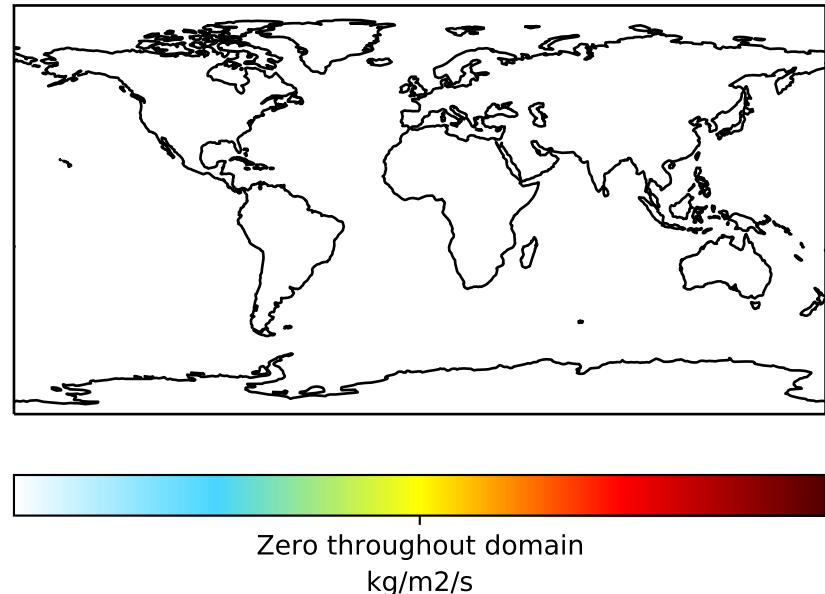


EmisACET_Anthro

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



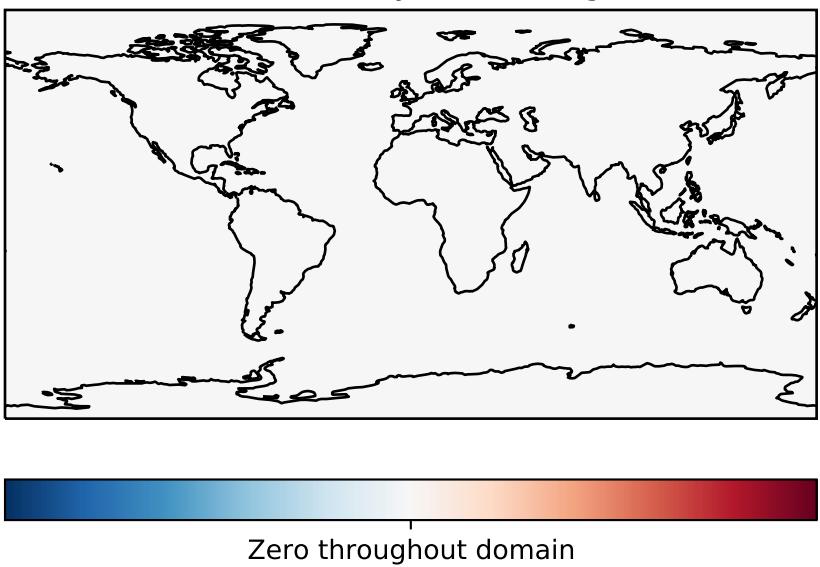
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

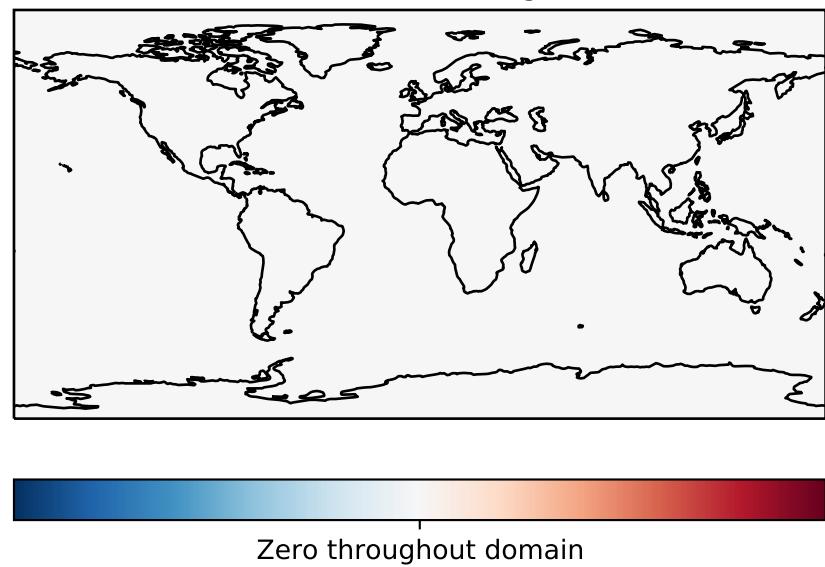
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



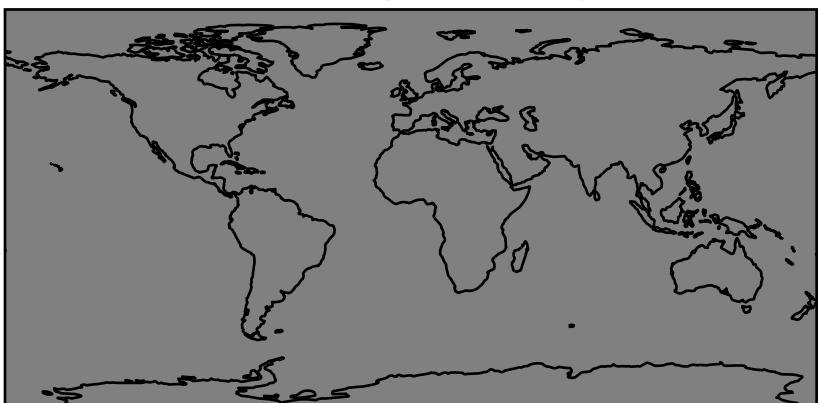
Zero throughout domain
kg/m²/s

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



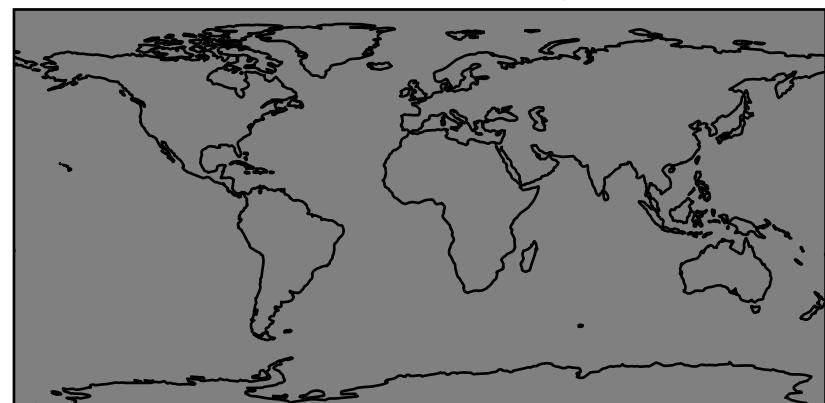
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

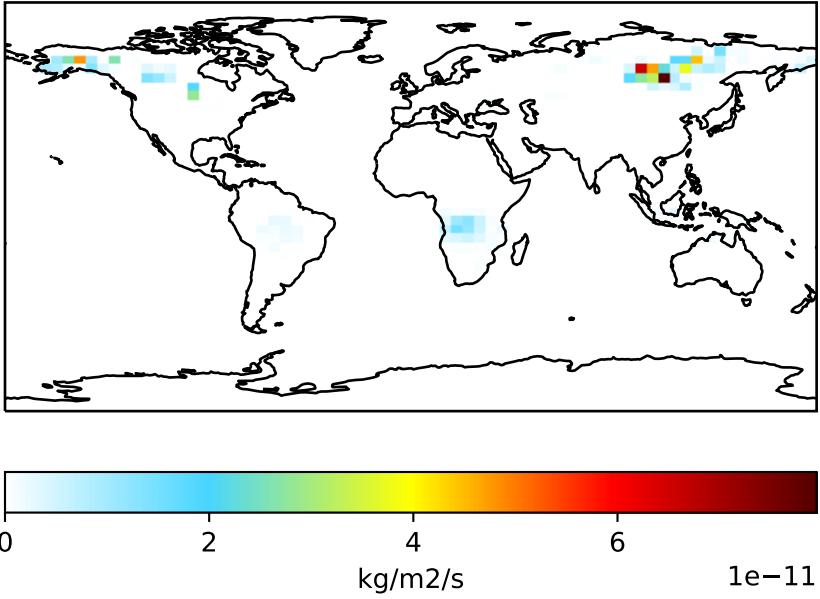
Ratio
Dev/Ref, Fixed Range



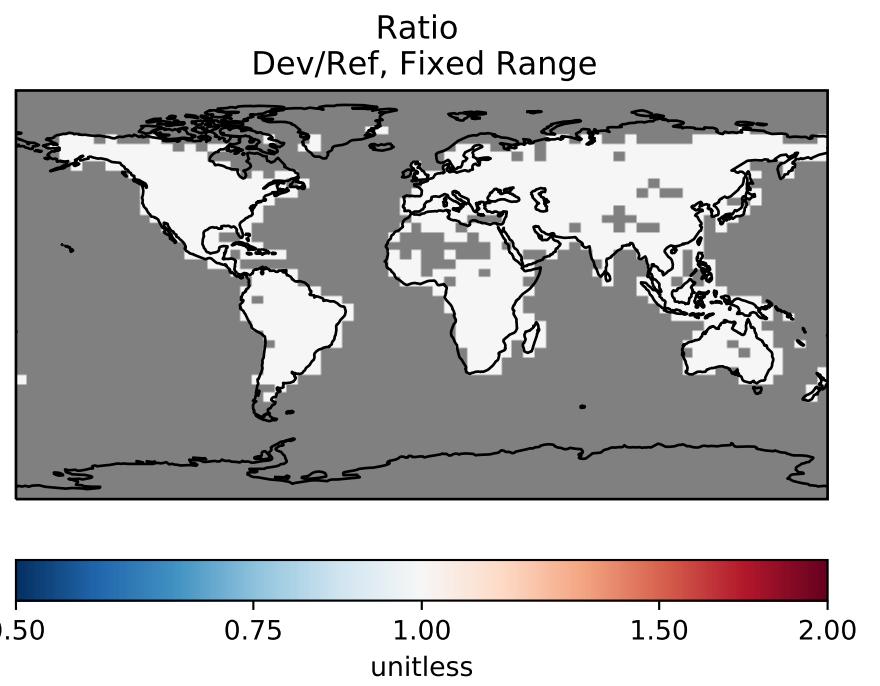
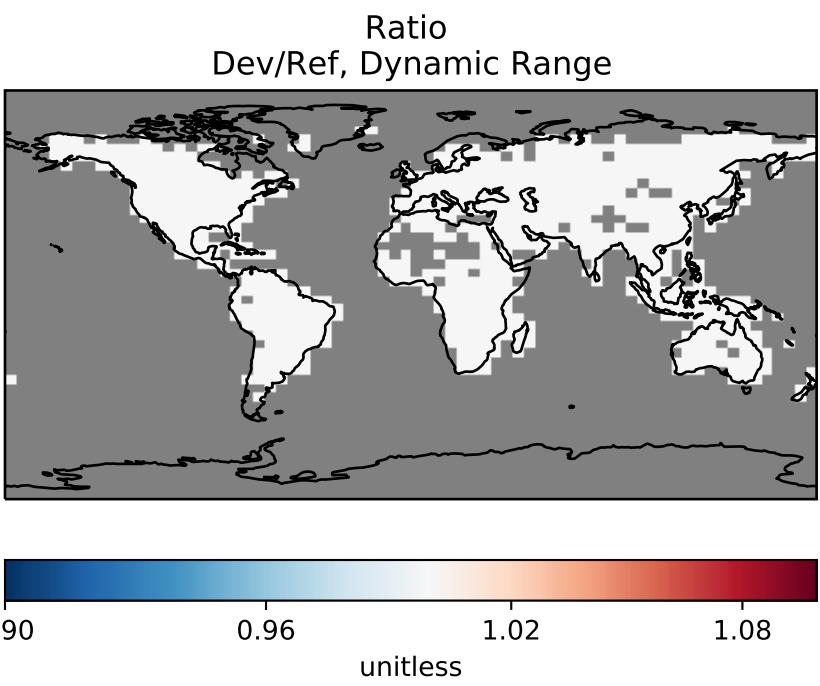
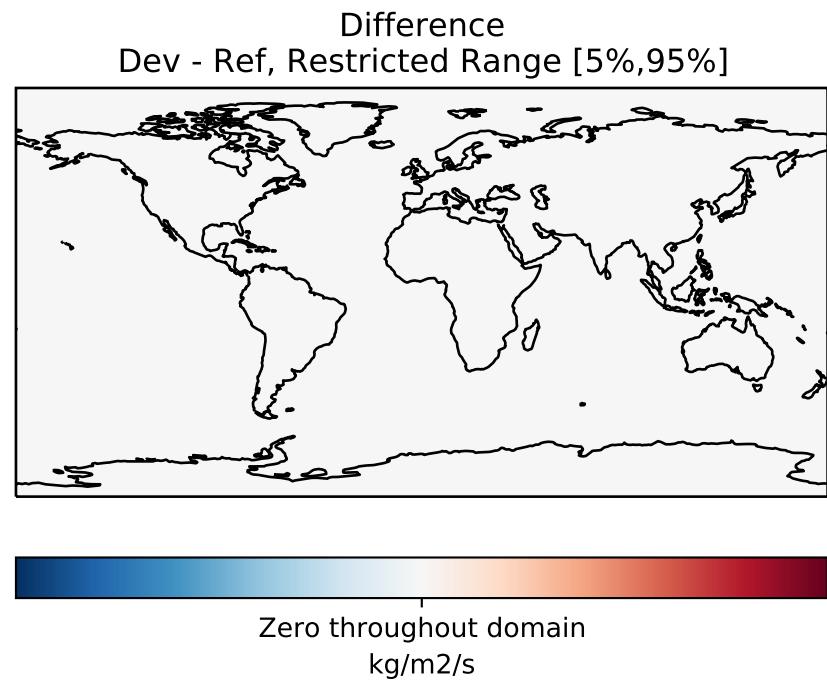
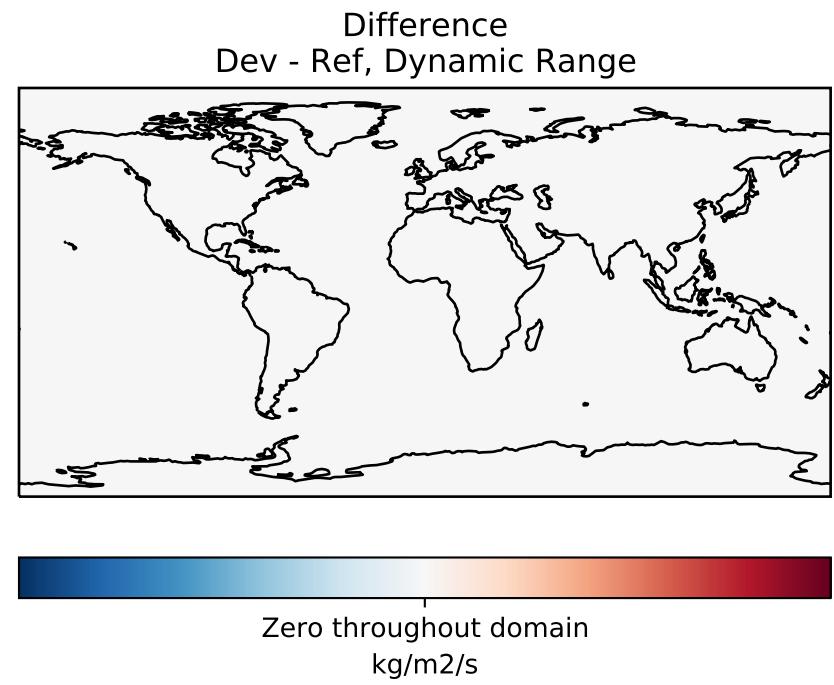
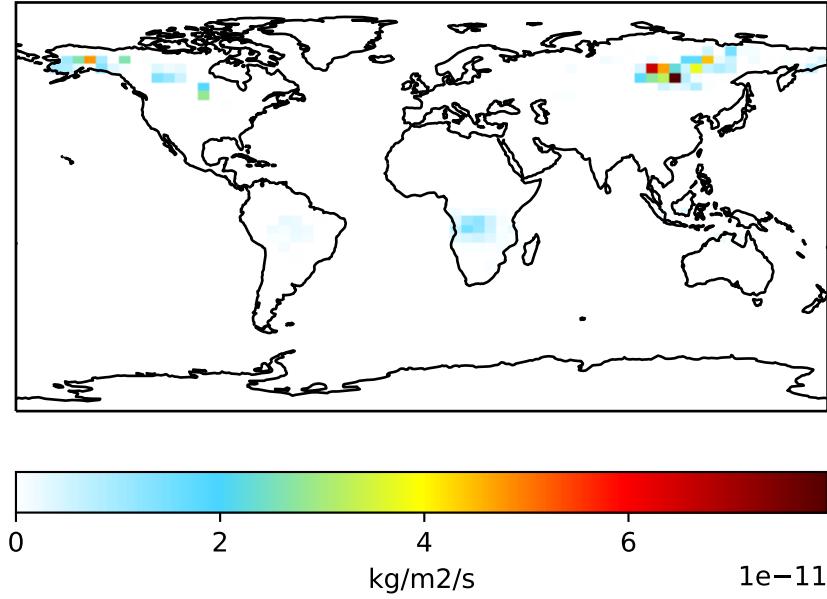
Undefined throughout domain
unitless

EmisACET_BioBurn

GCC_13.3.0-rc.0 (Ref)
4.0x5.0

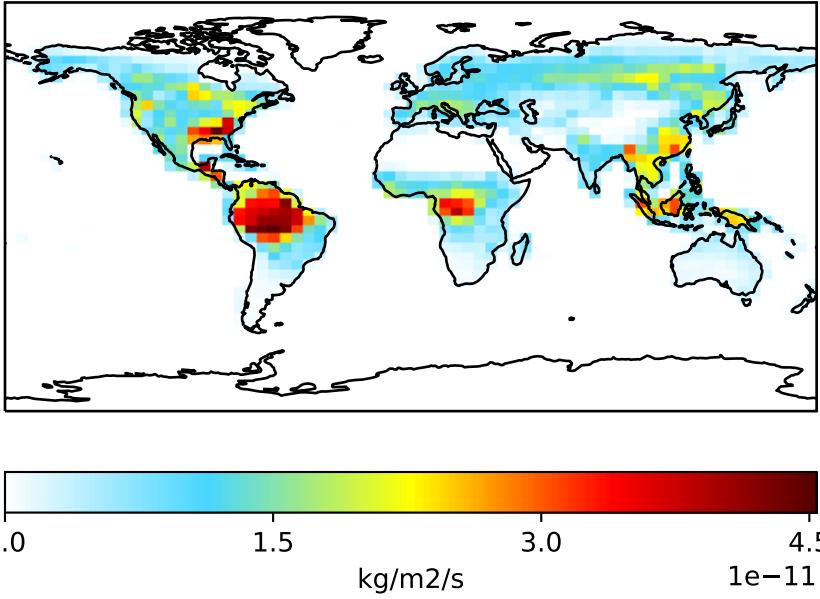


GCC_13.3.0-rc.1 (Dev)
4.0x5.0

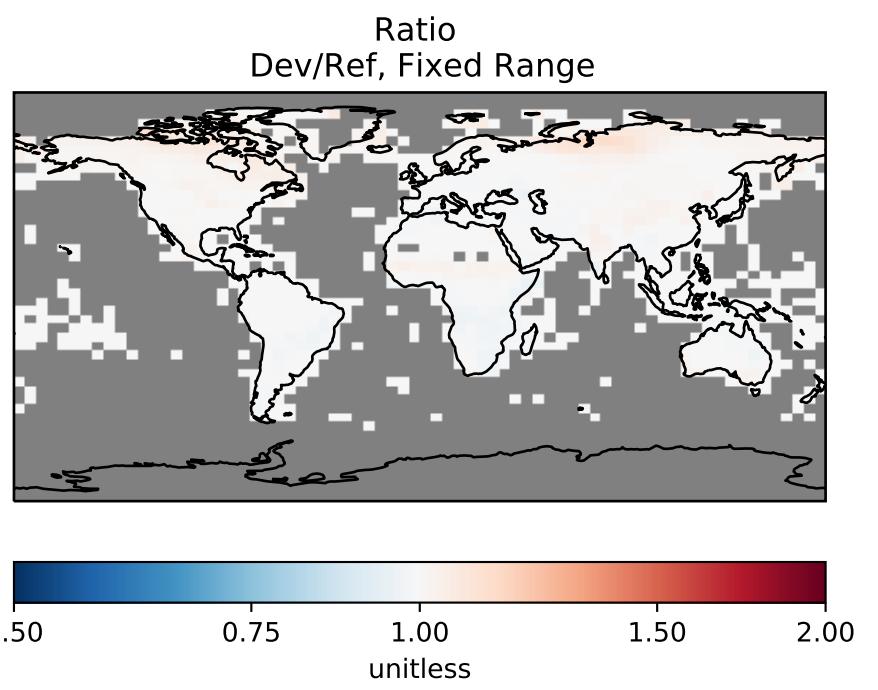
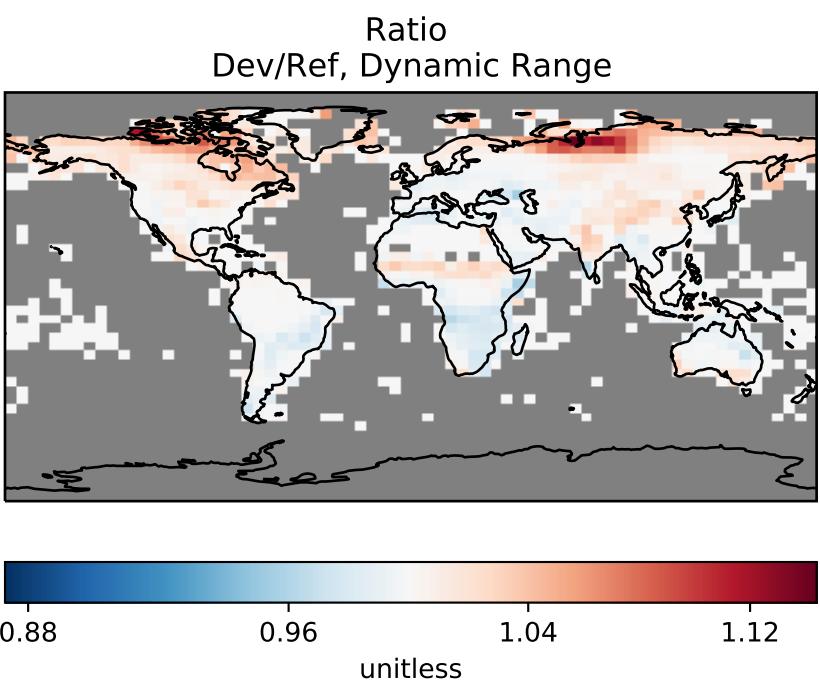
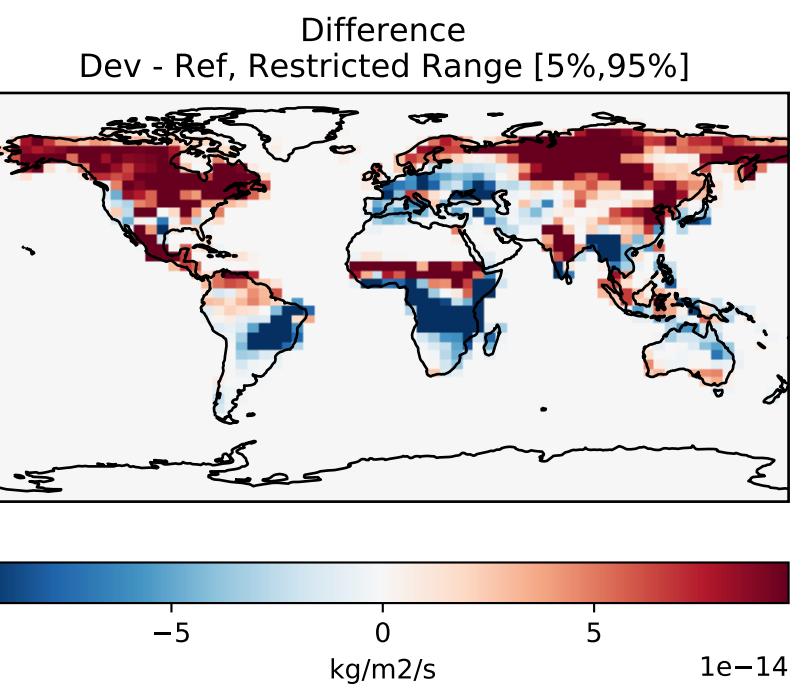
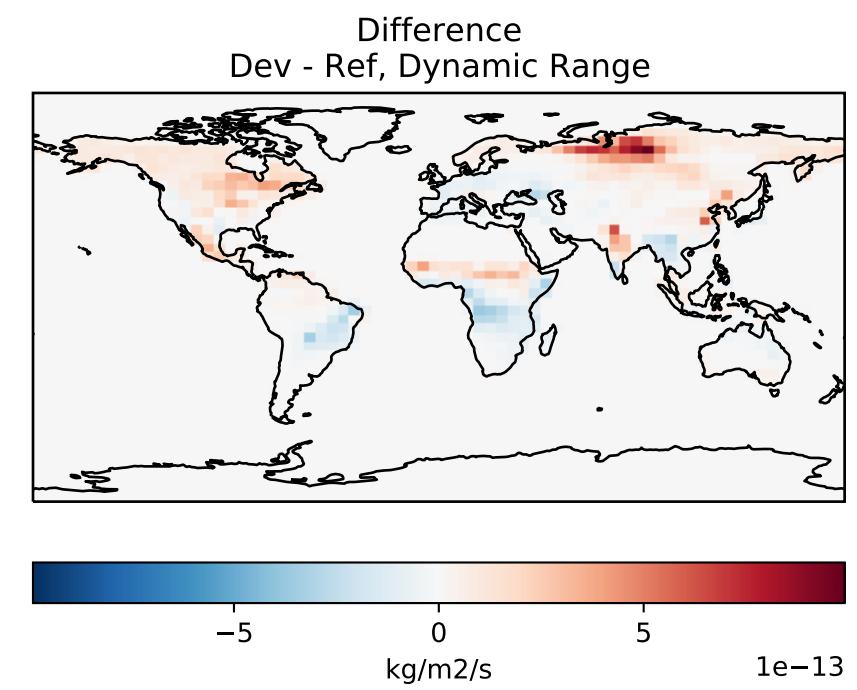
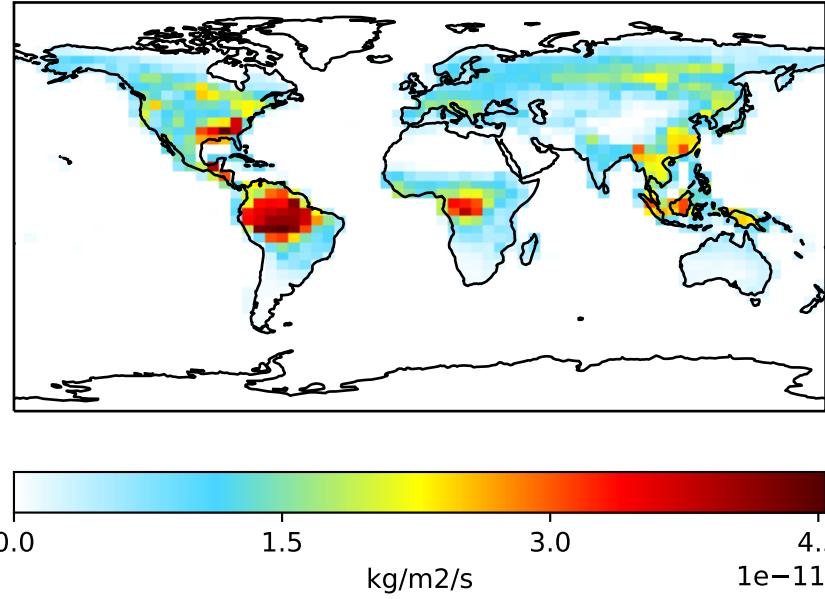


EmisACET_Biogenic

GCC_13.3.0-rc.0 (Ref)
4.0x5.0

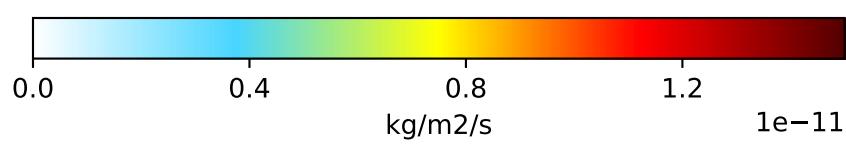
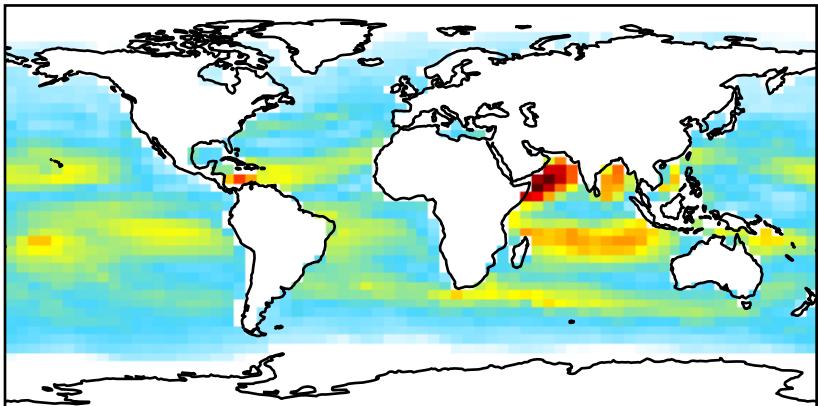


GCC_13.3.0-rc.1 (Dev)
4.0x5.0

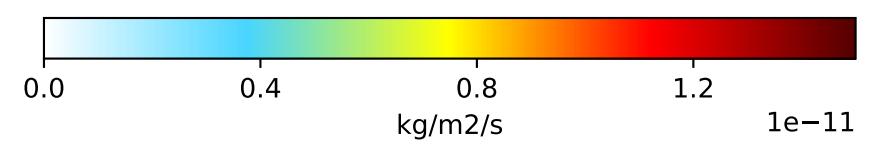
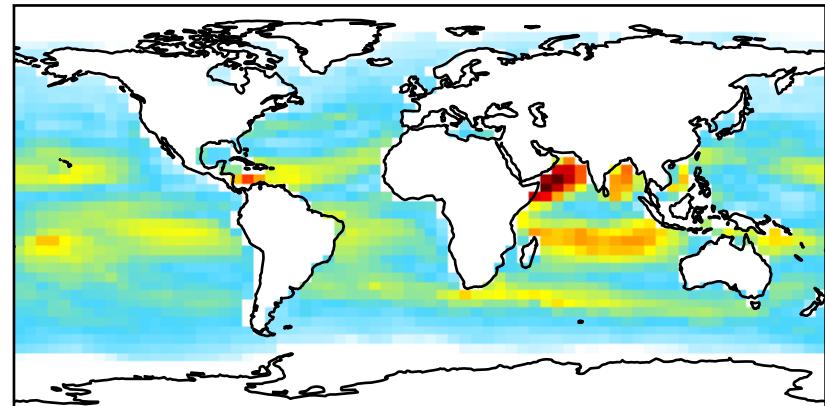


EmisACET_Ocean

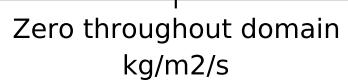
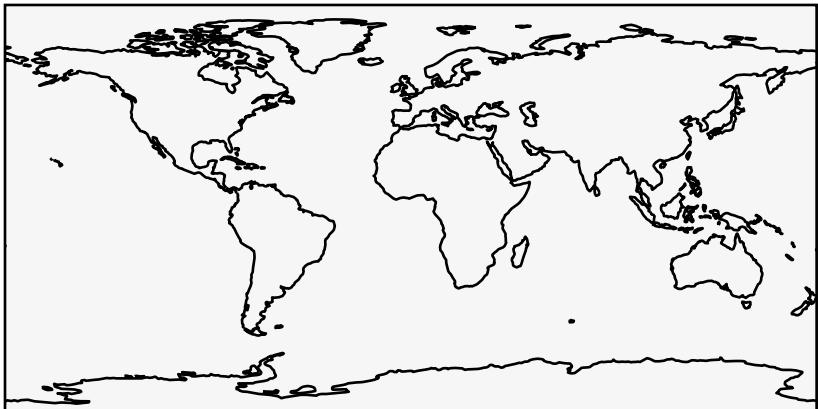
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



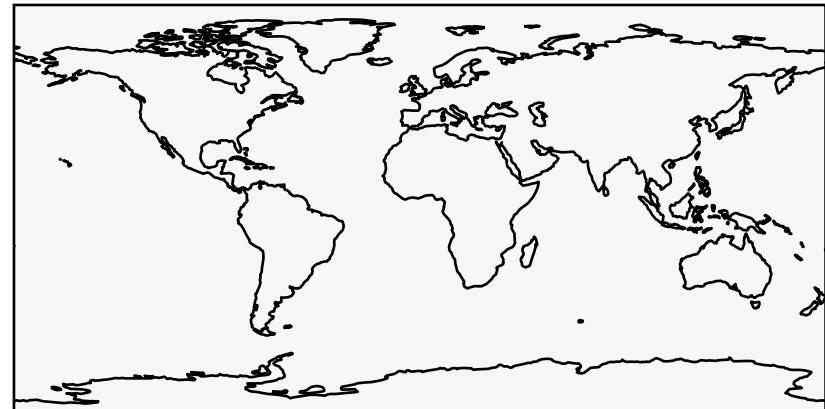
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



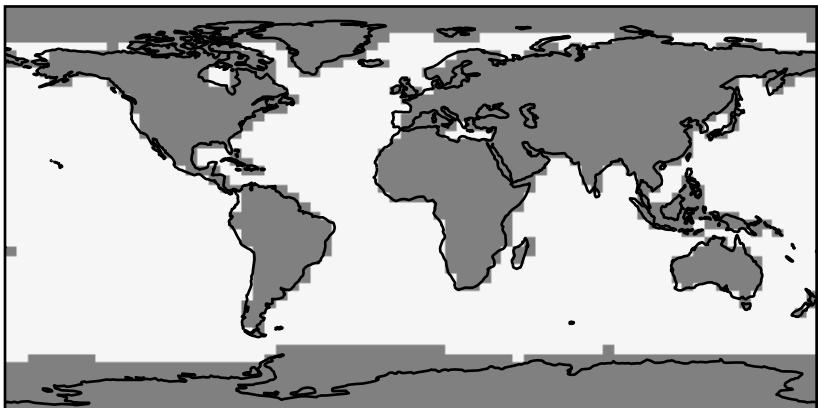
Difference
Dev - Ref, Dynamic Range



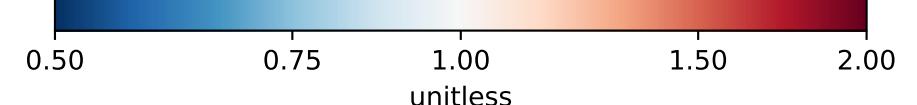
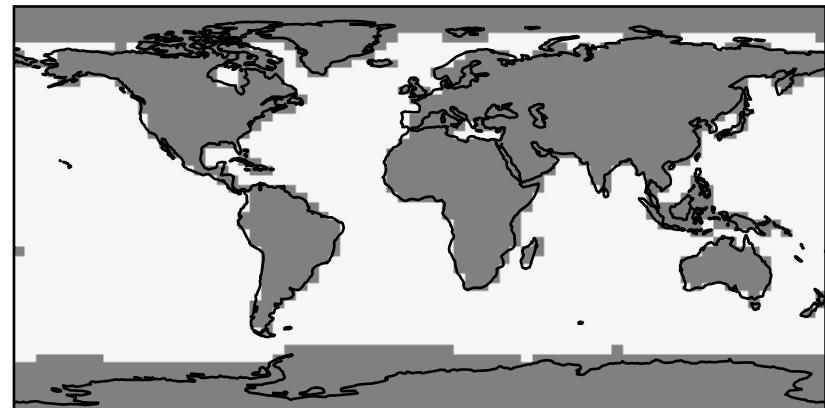
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

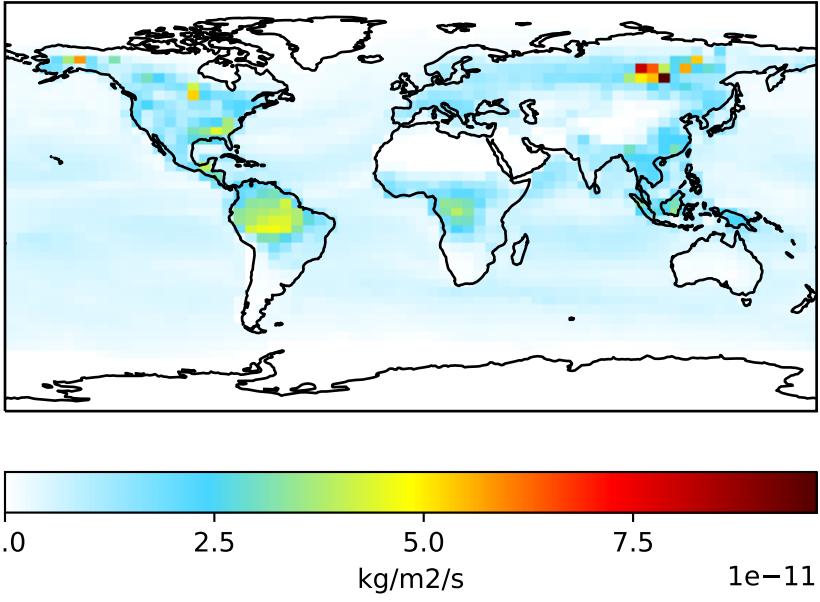


Ratio
Dev/Ref, Fixed Range

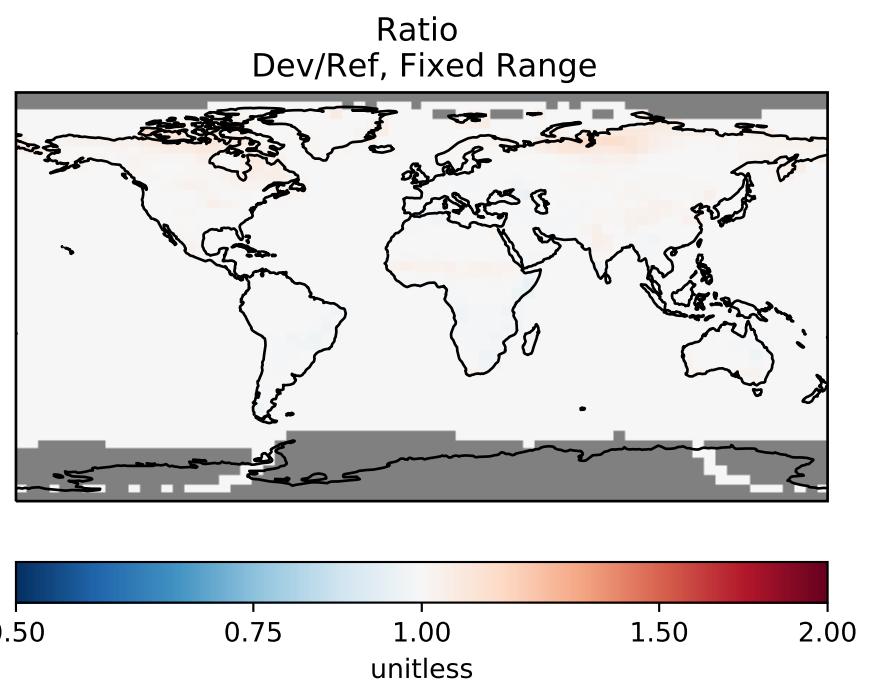
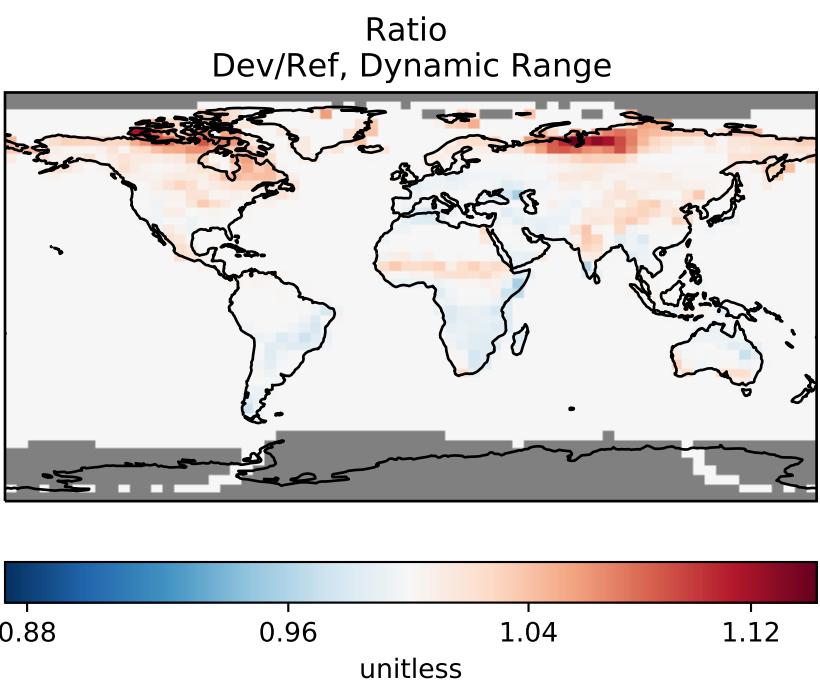
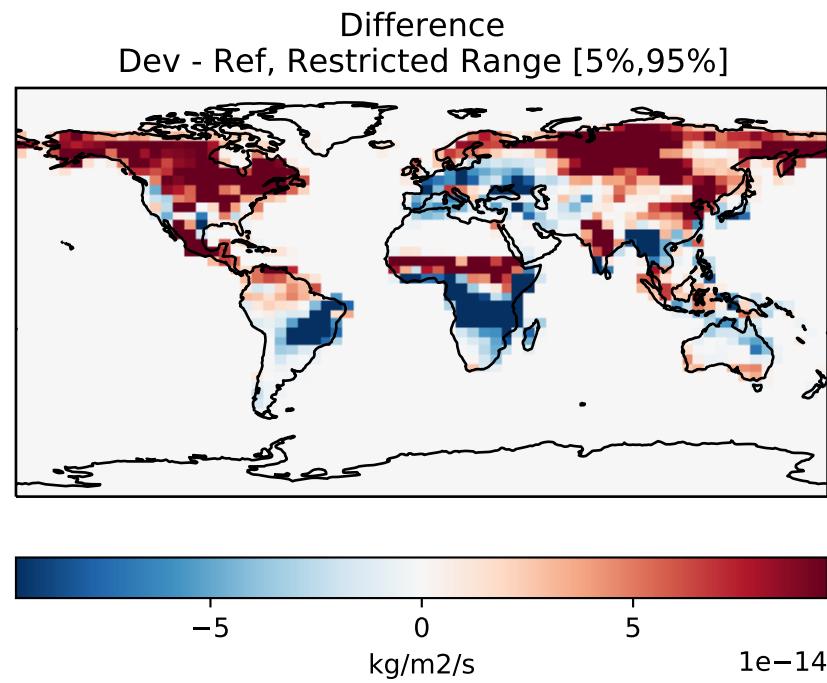
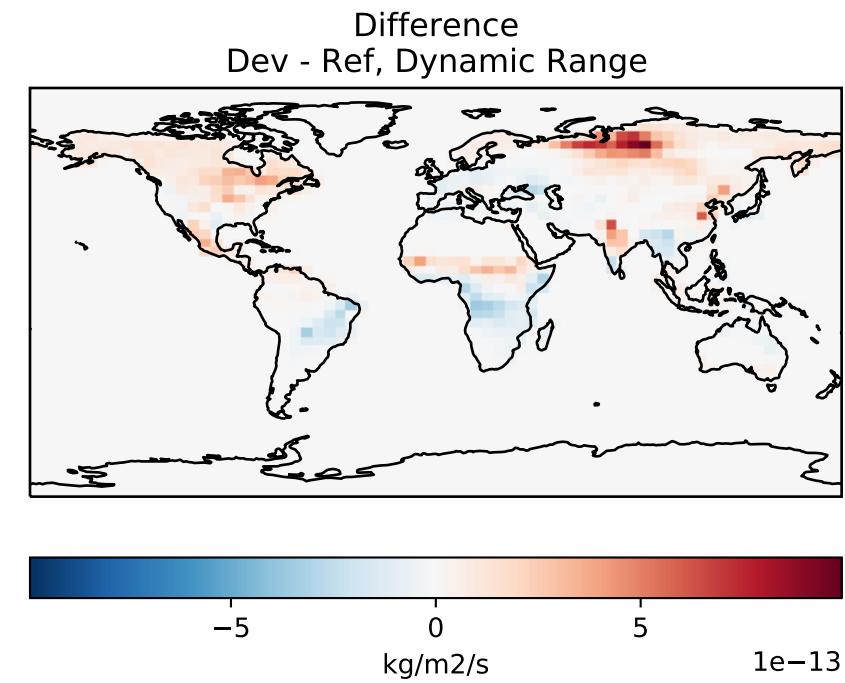
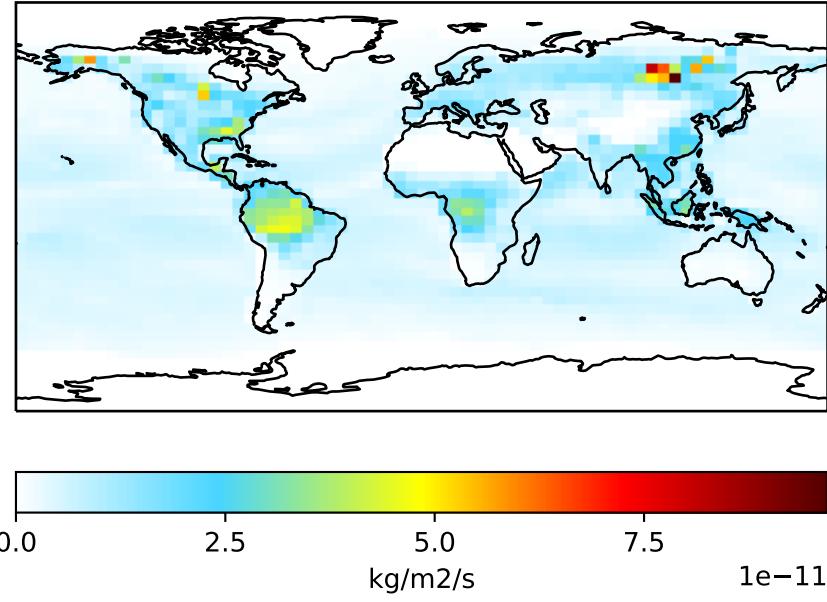


EmisACET_Total

GCC_13.3.0-rc.0 (Ref)
4.0x5.0

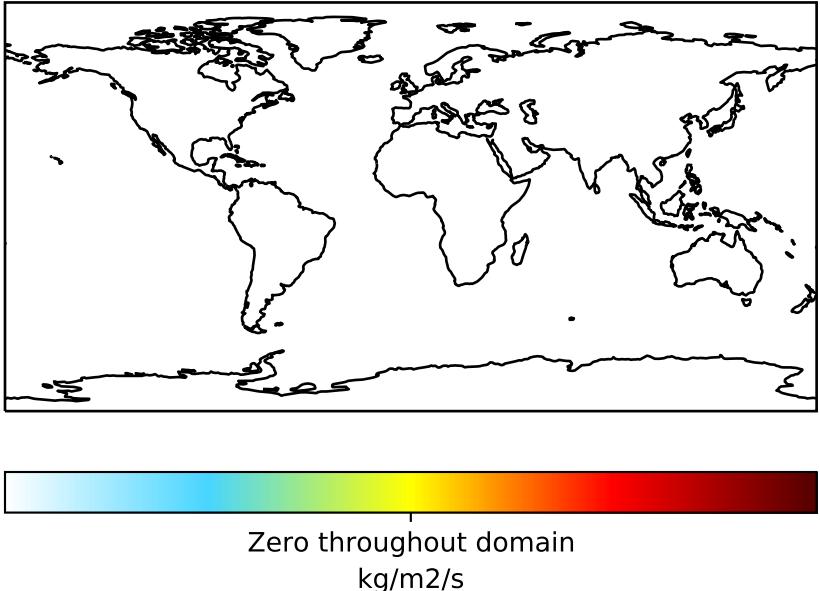


GCC_13.3.0-rc.1 (Dev)
4.0x5.0

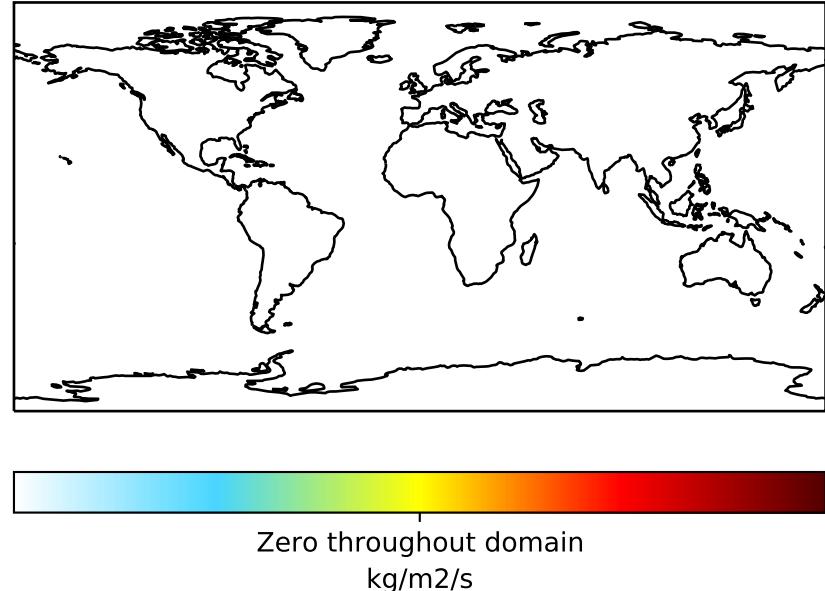


EmisHAC_Anthro

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



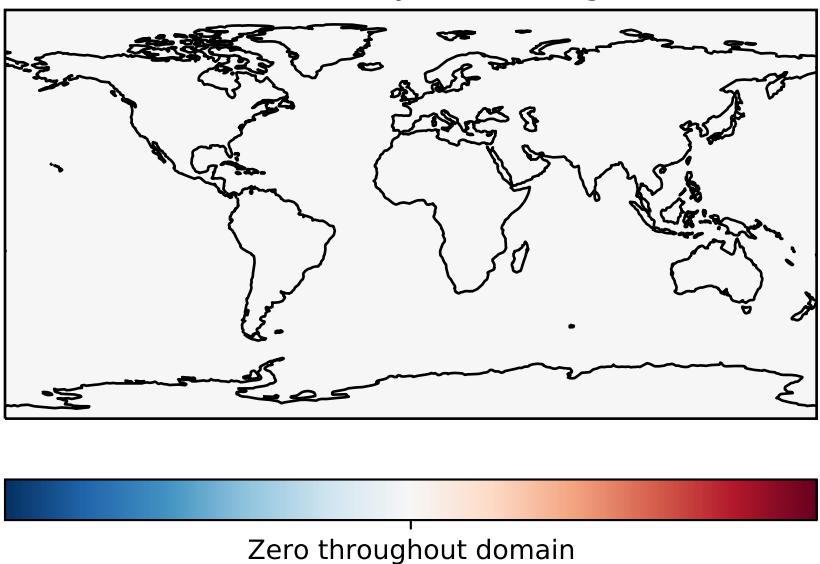
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

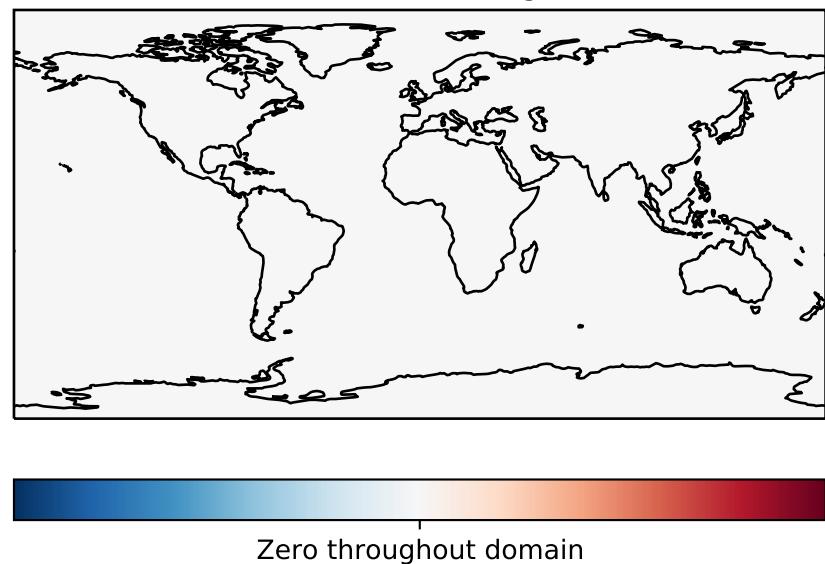
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



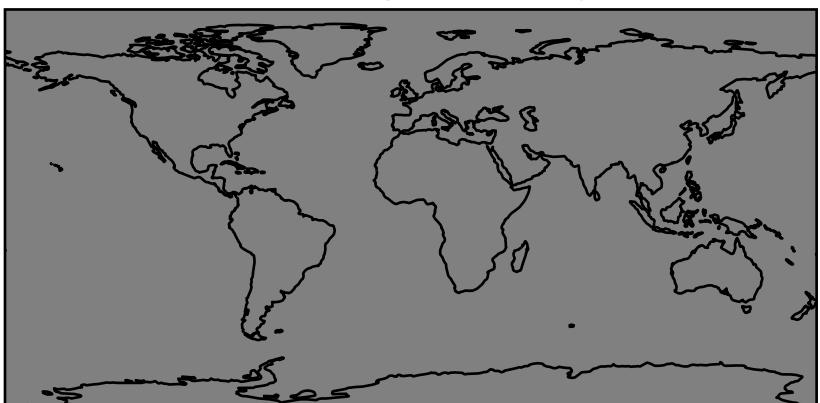
Zero throughout domain
kg/m²/s

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



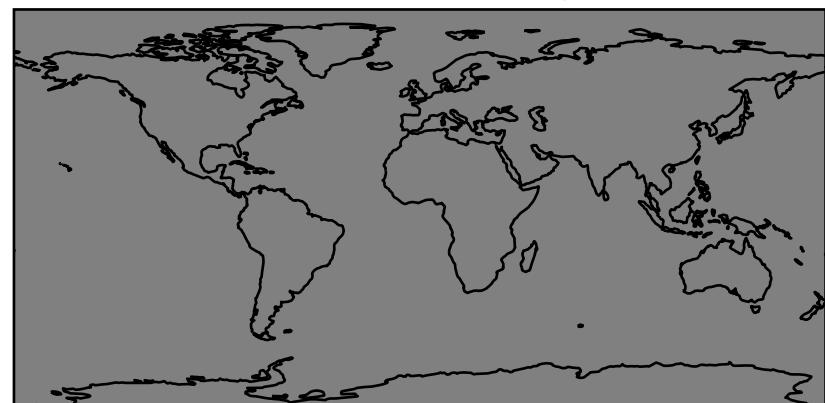
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

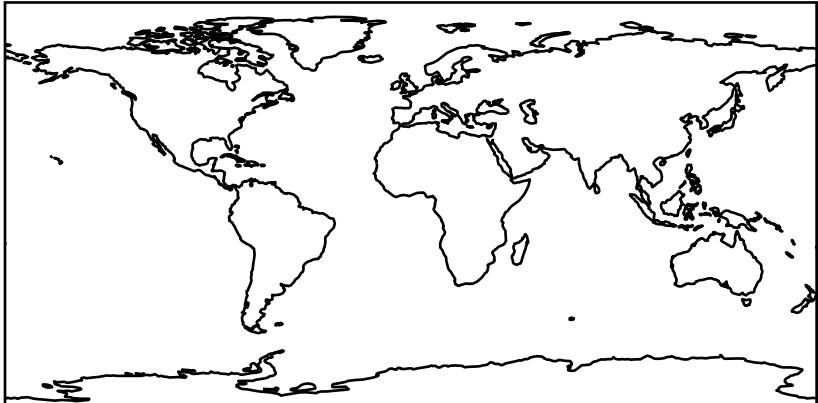
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

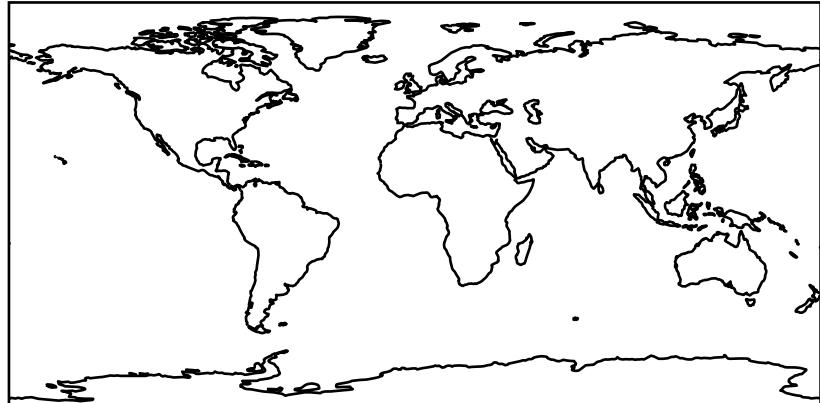
EmisHAC_Total

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



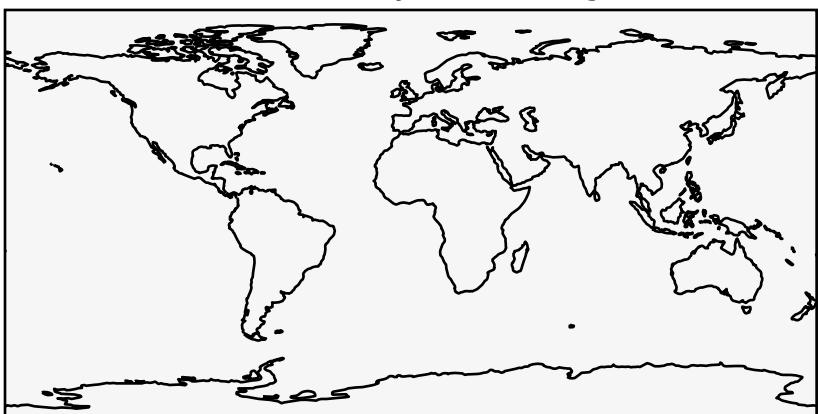
Zero throughout domain
kg/m²/s

GCC_13.3.0-rc.1 (Dev)
4.0x5.0



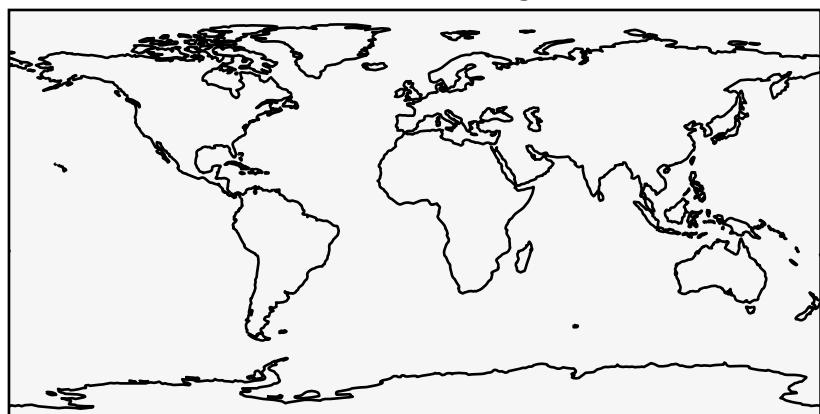
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



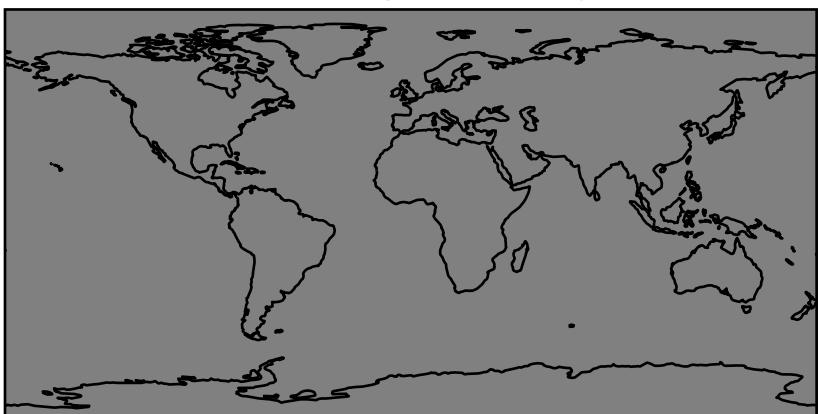
Zero throughout domain
kg/m²/s

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



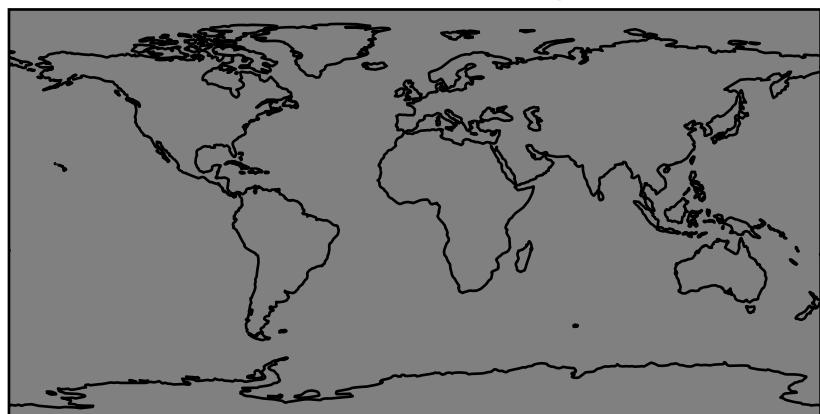
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

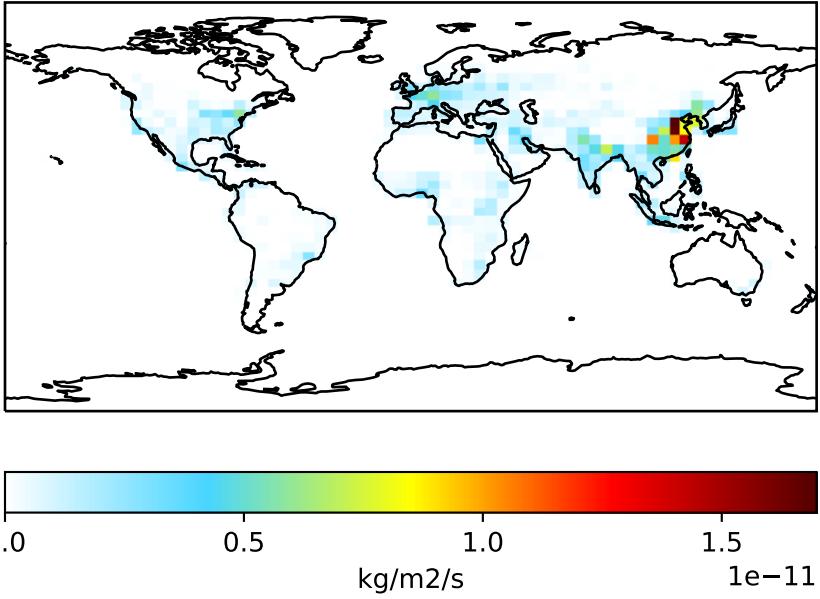
Ratio
Dev/Ref, Fixed Range



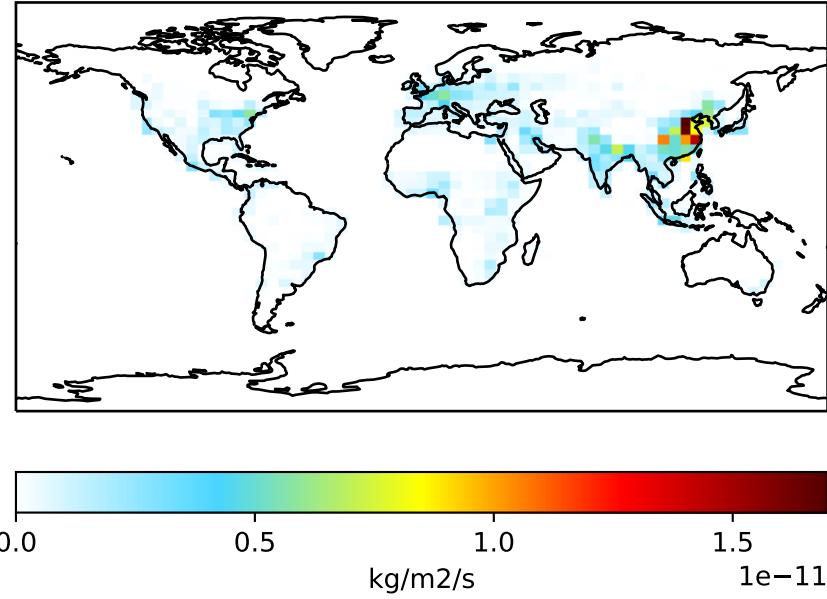
Undefined throughout domain
unitless

EmisMEK_Anthro

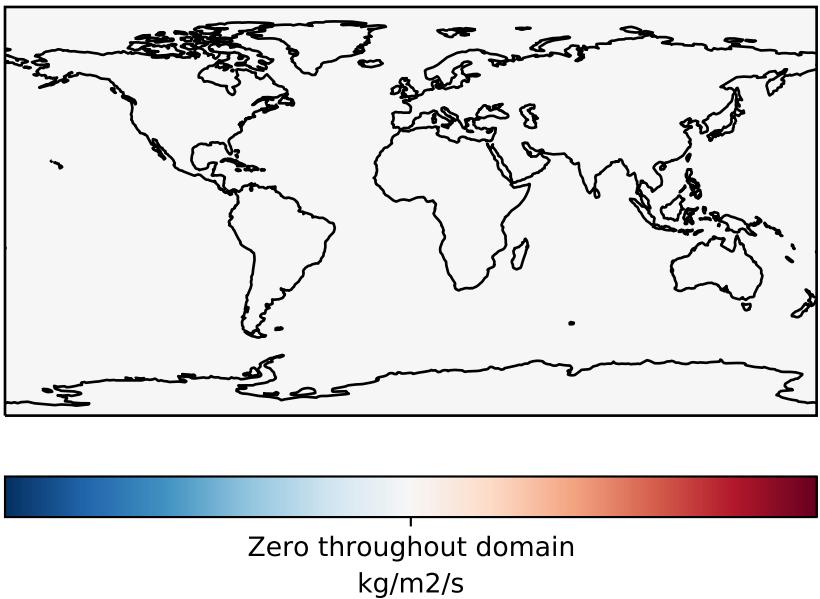
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



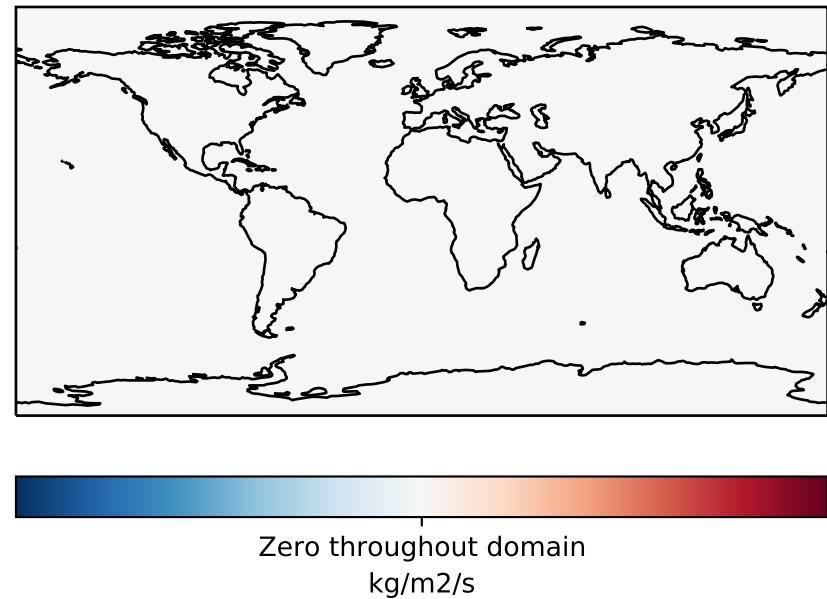
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



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



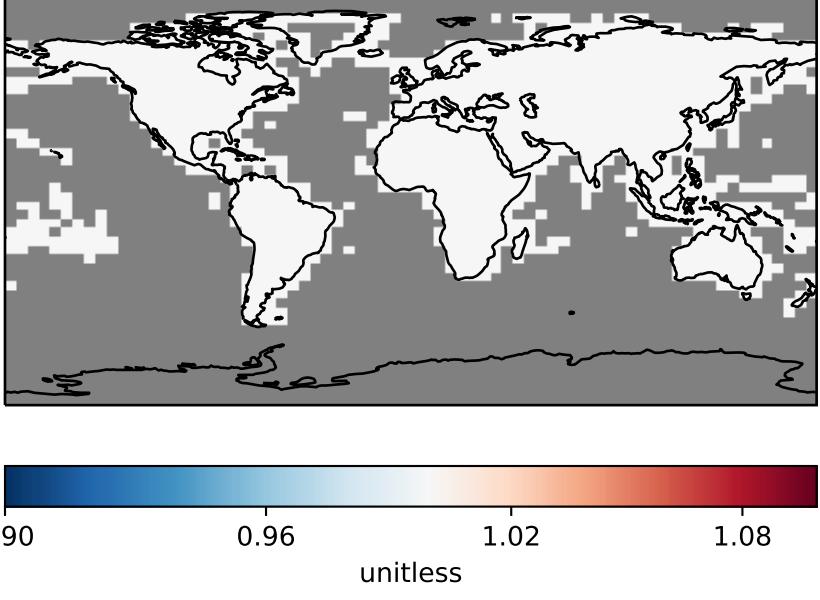
Zero throughout domain

kg/m²/s

Zero throughout domain

kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90

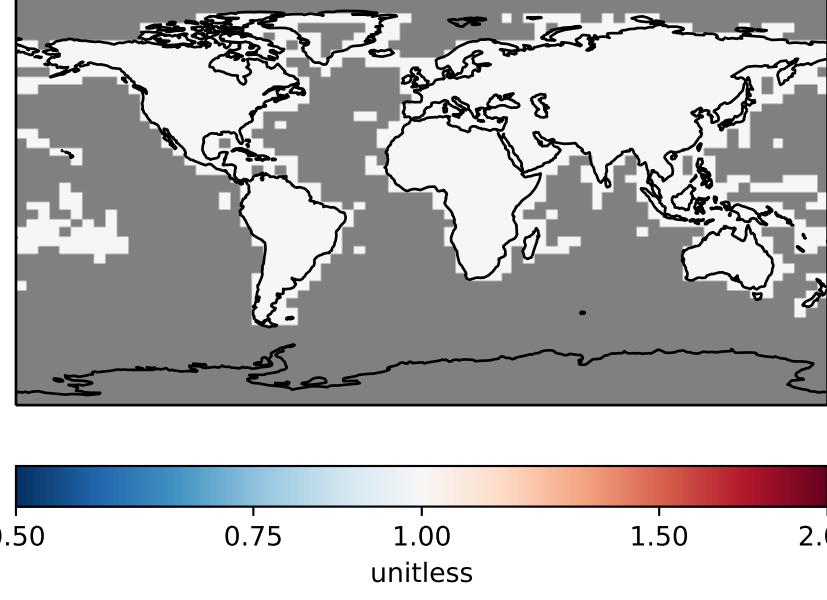
0.96

1.02

1.08

unitless

Ratio
Dev/Ref, Fixed Range



0.50

0.75

1.00

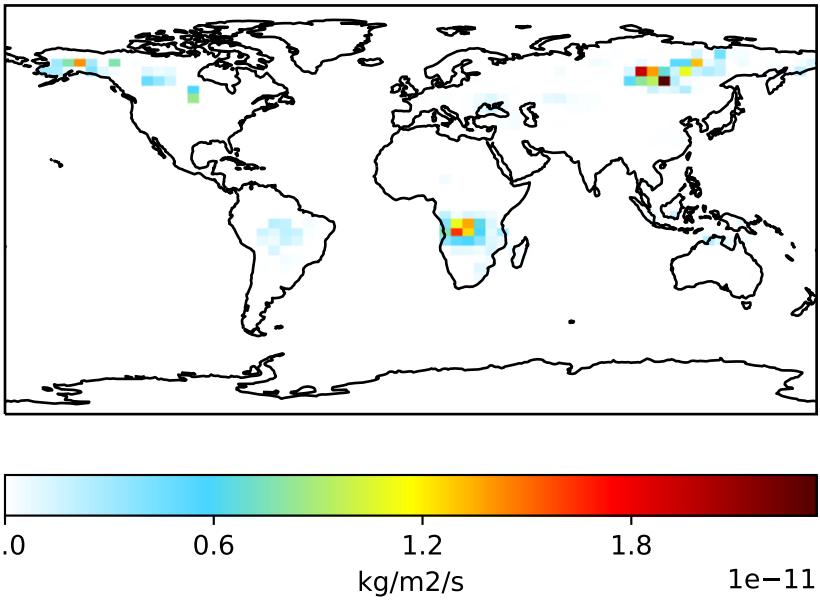
1.50

2.00

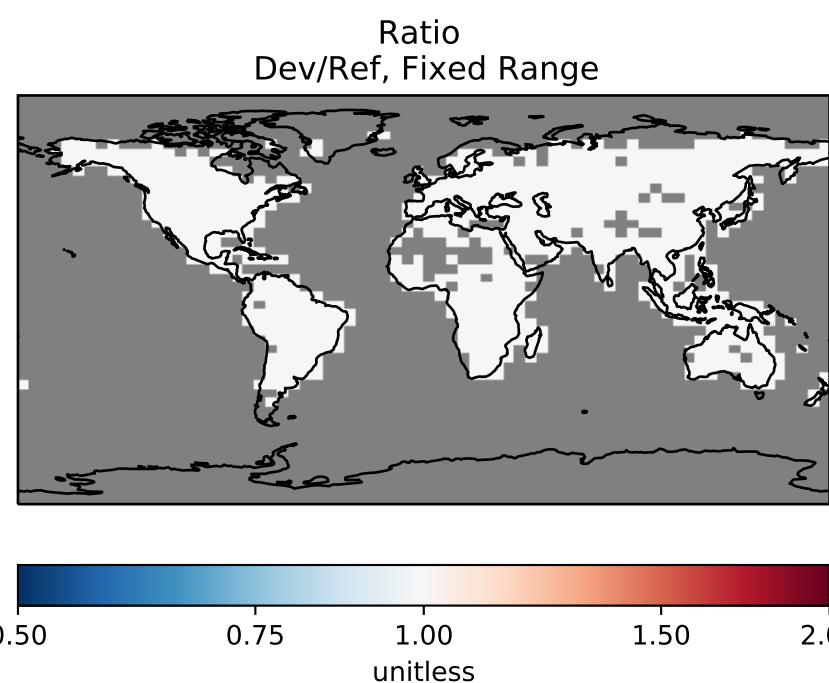
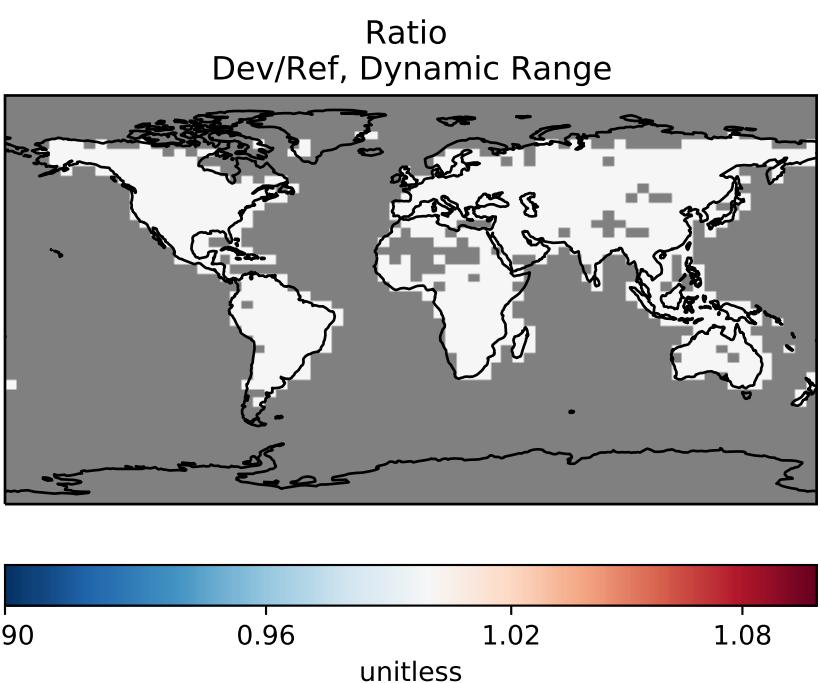
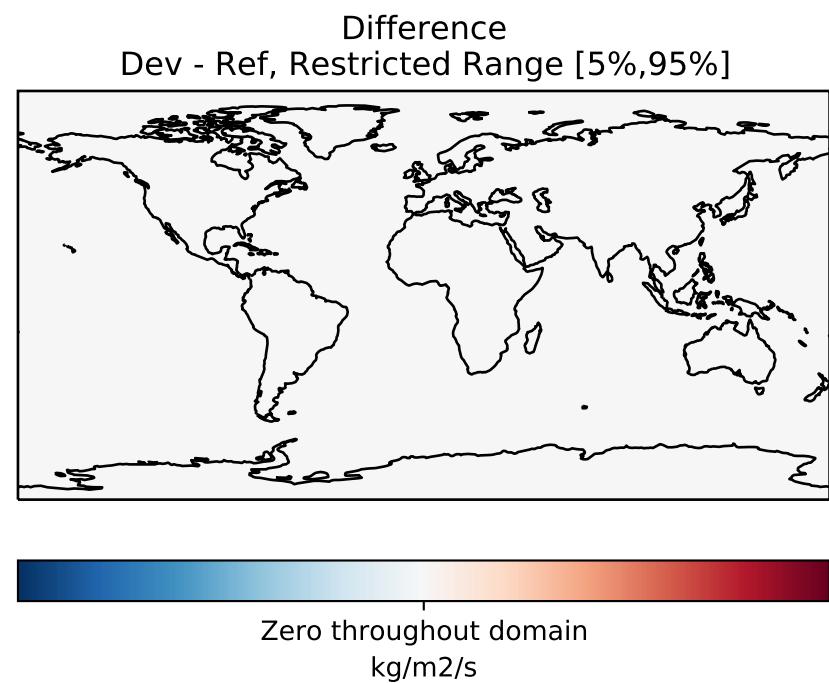
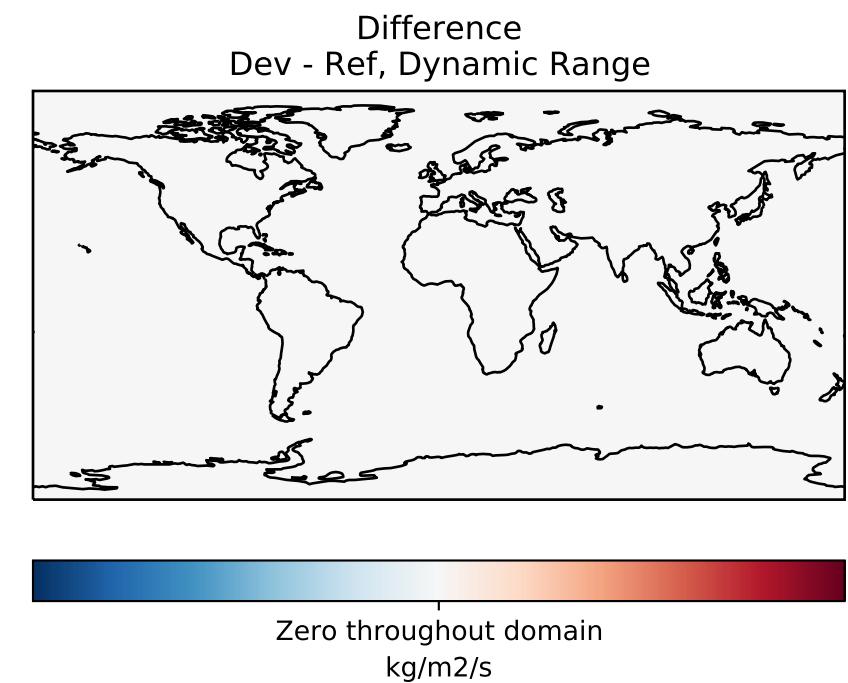
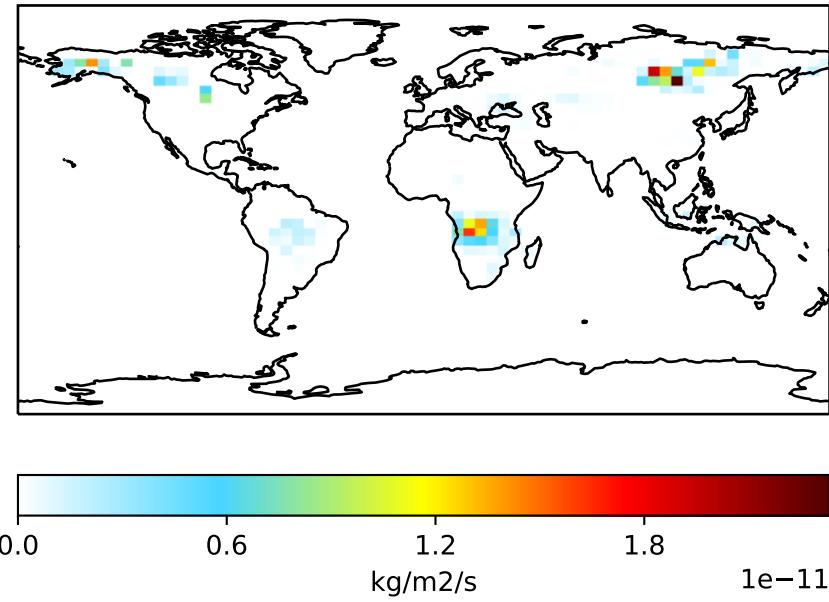
unitless

EmisMEK_BioBurn

GCC_13.3.0-rc.0 (Ref)
4.0x5.0

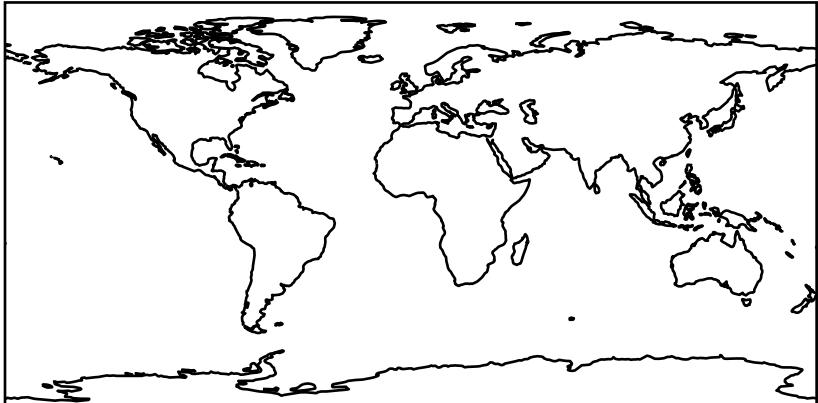


GCC_13.3.0-rc.1 (Dev)
4.0x5.0



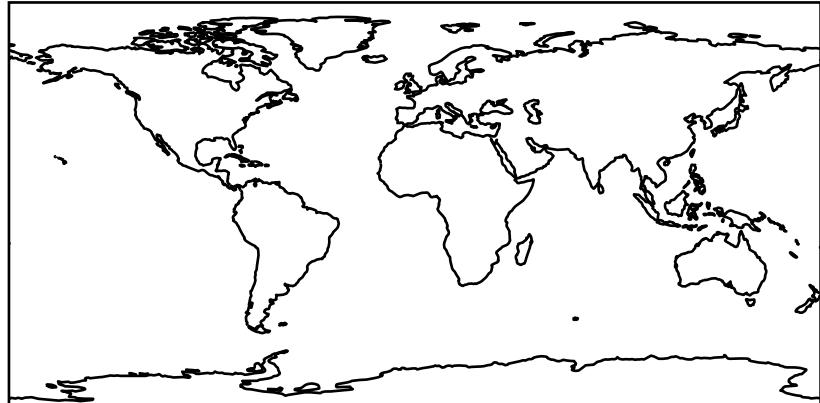
EmisMEK_Ship

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



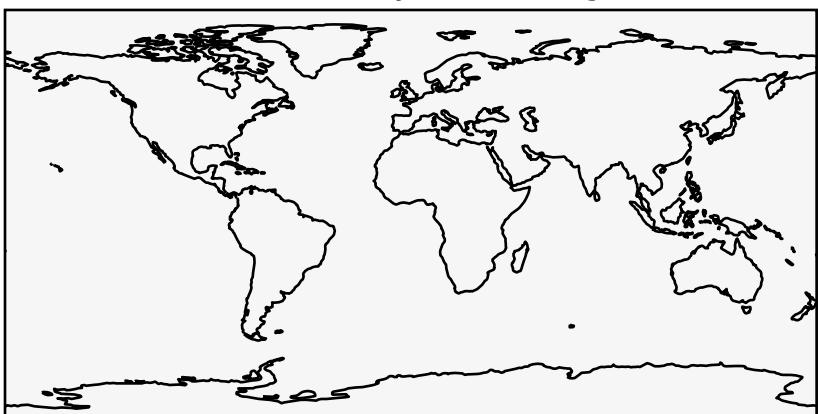
Zero throughout domain
kg/m²/s

GCC_13.3.0-rc.1 (Dev)
4.0x5.0



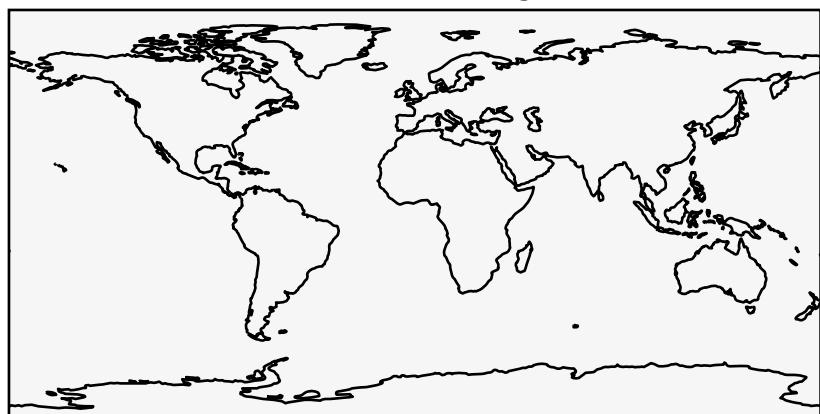
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



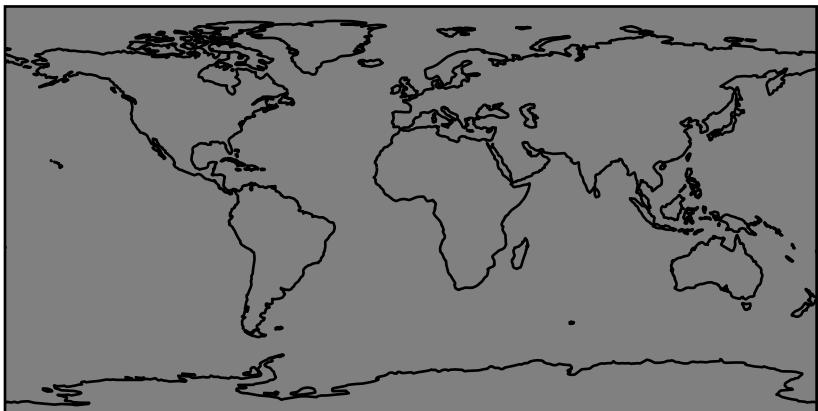
Zero throughout domain
kg/m²/s

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



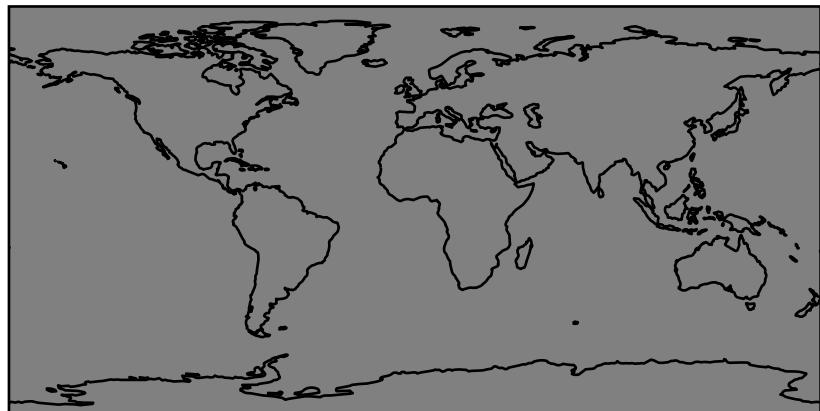
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

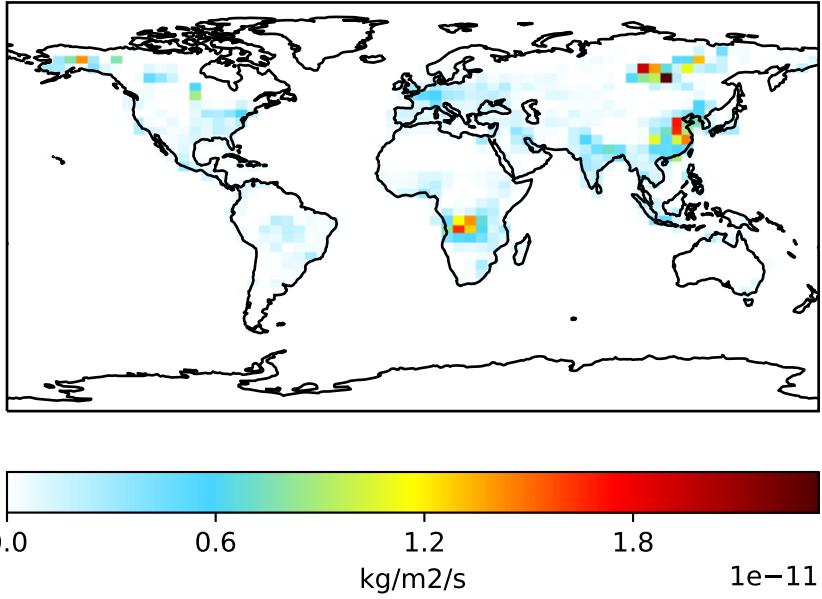
Ratio
Dev/Ref, Fixed Range



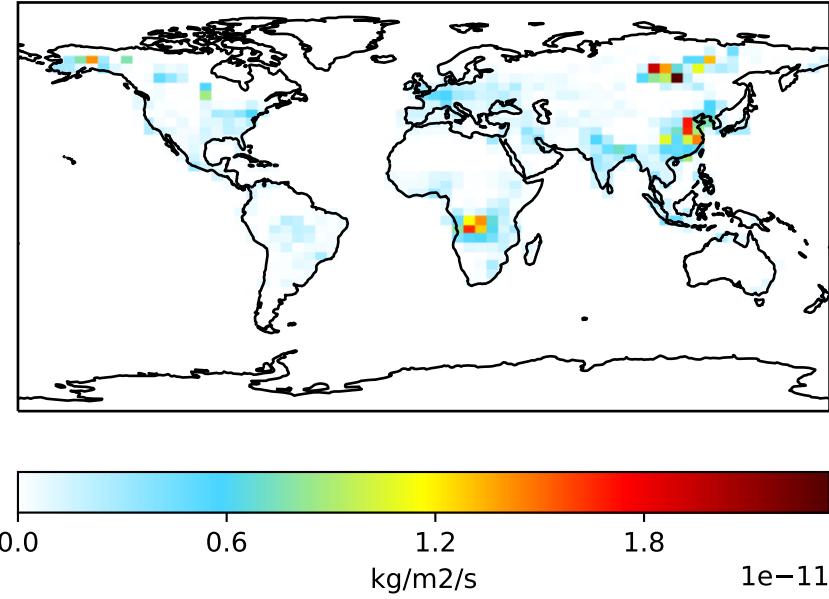
Undefined throughout domain
unitless

EmisMEK_Total

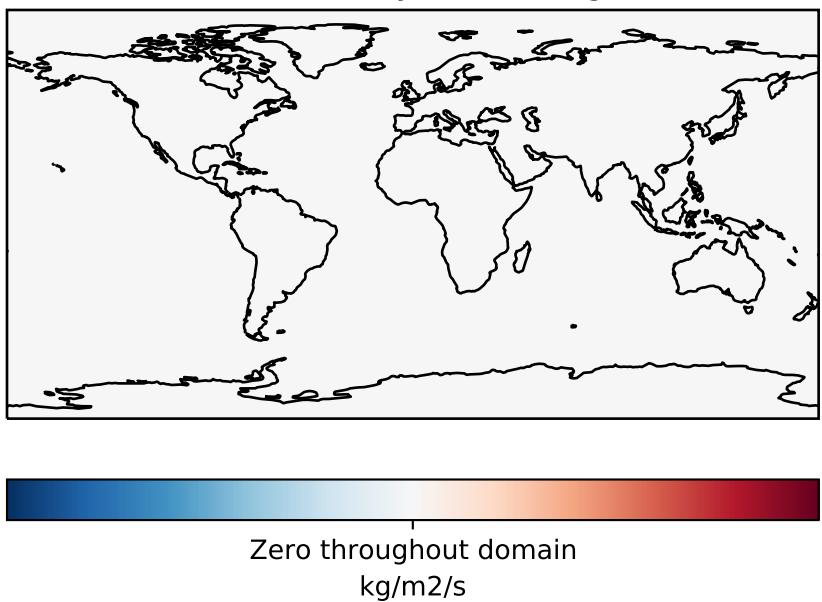
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



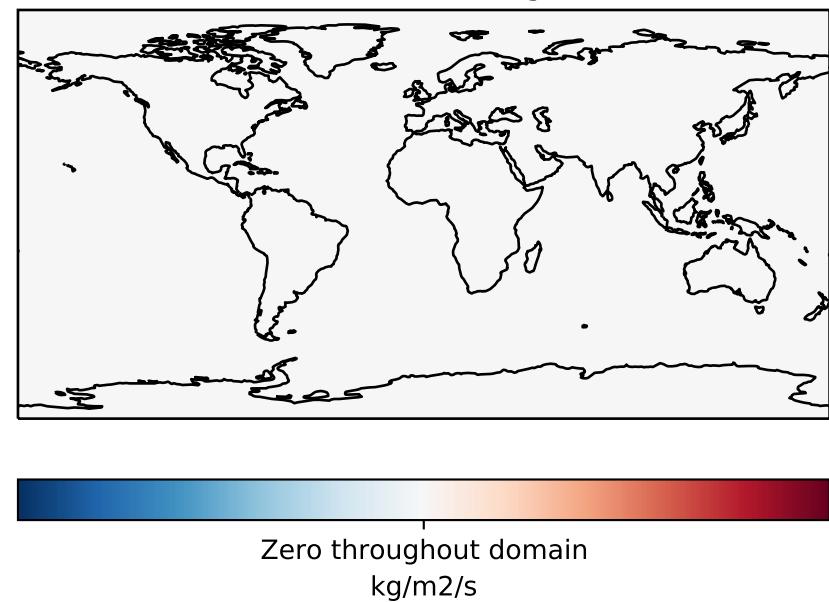
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



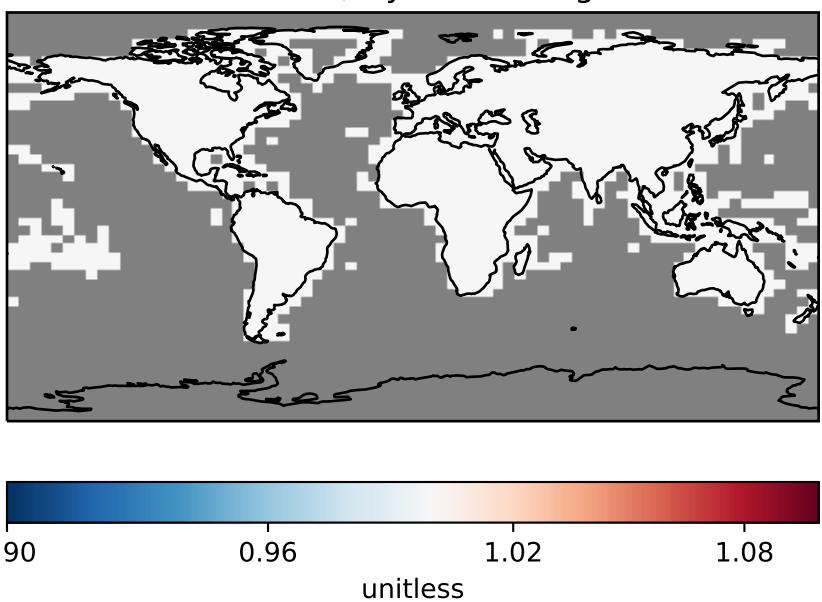
Difference
Dev - Ref, Dynamic Range



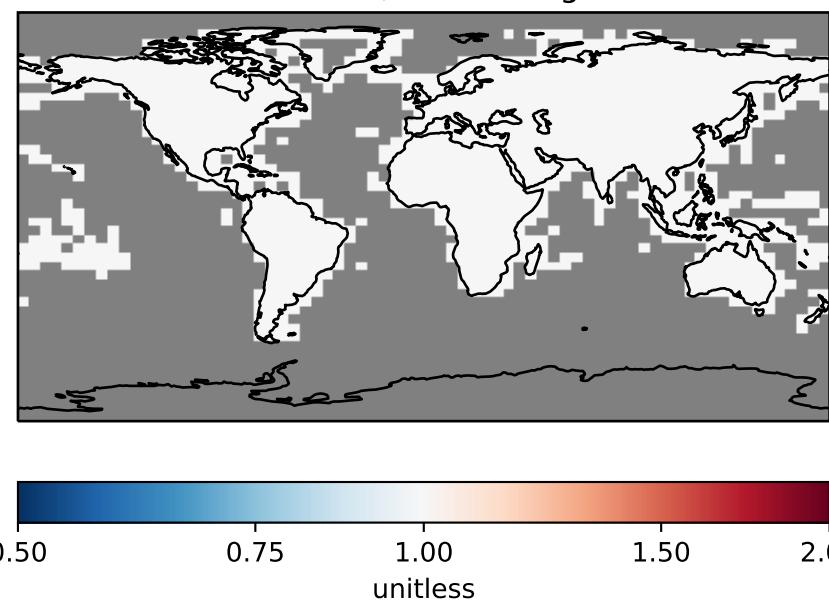
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

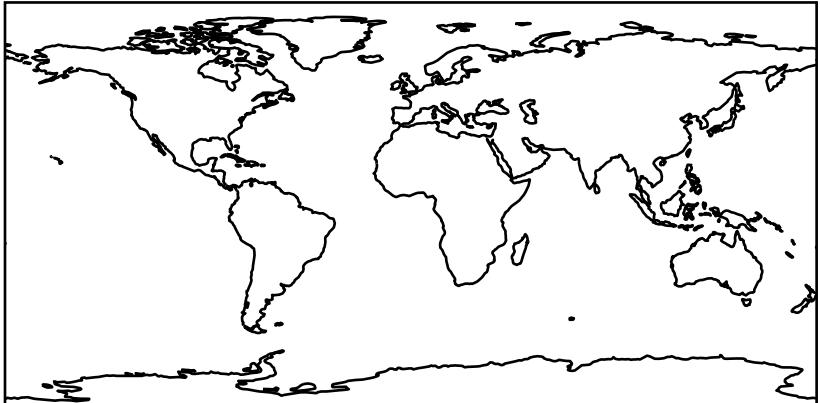


Ratio
Dev/Ref, Fixed Range



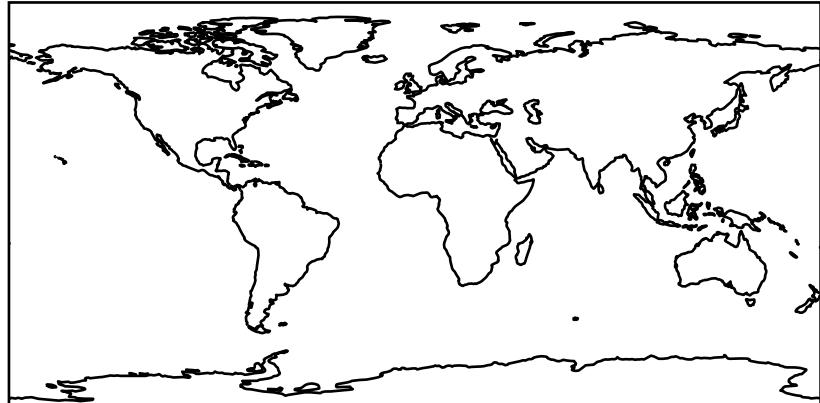
EmisMVK_Anthro

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



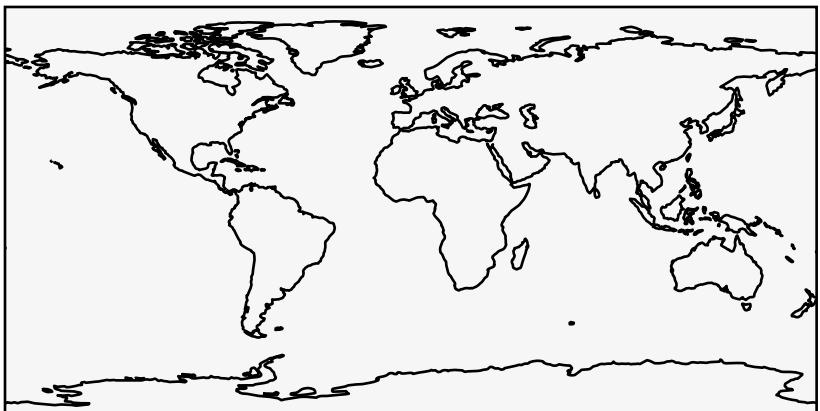
Zero throughout domain
kg/m²/s

GCC_13.3.0-rc.1 (Dev)
4.0x5.0



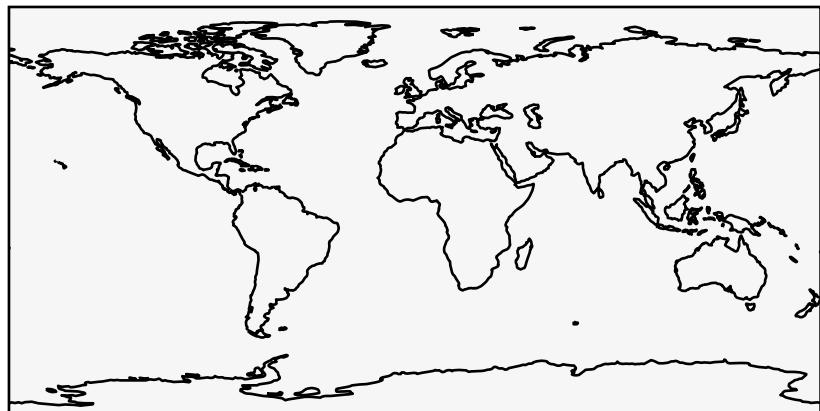
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



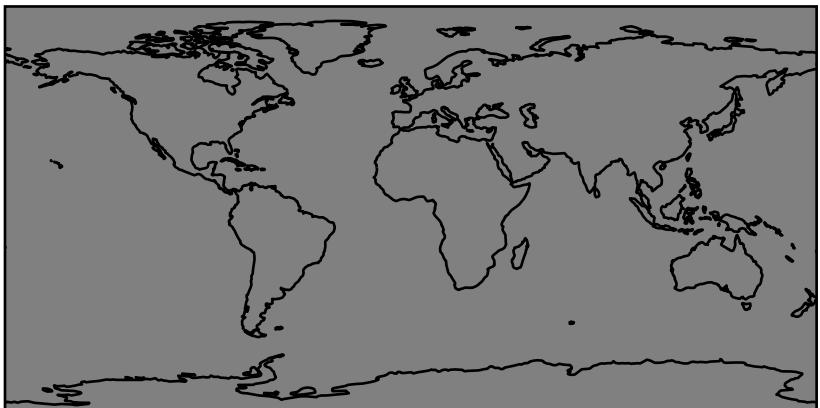
Zero throughout domain
kg/m²/s

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



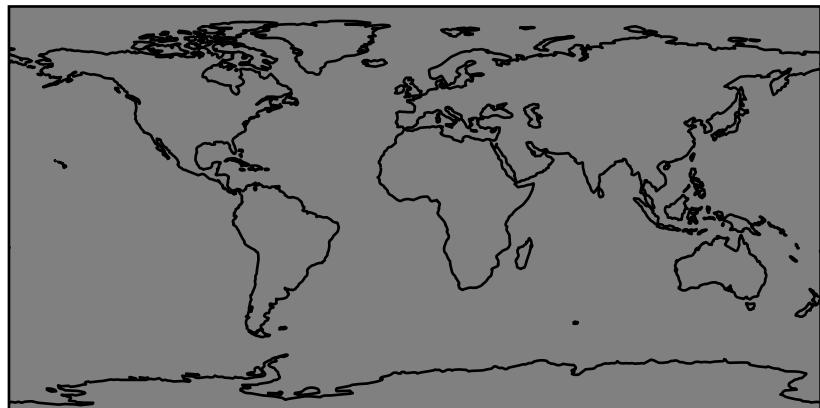
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

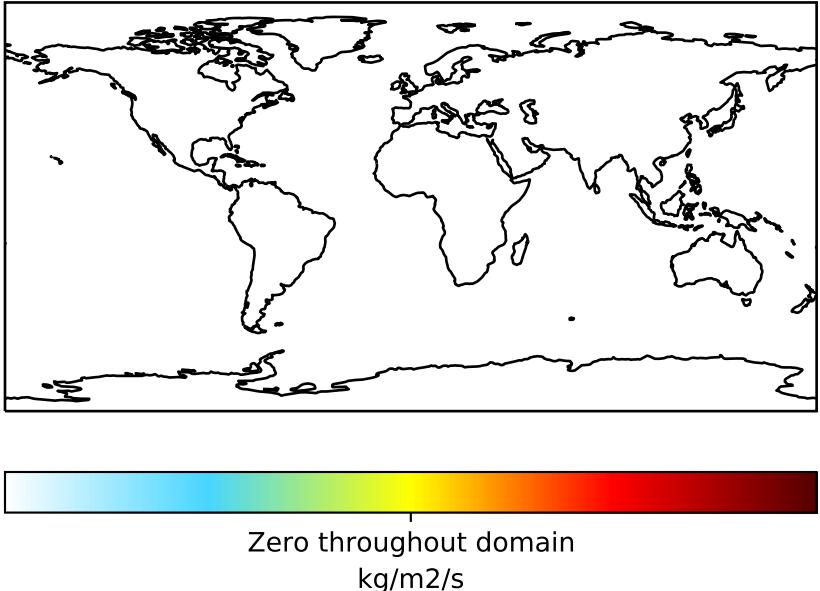
Ratio
Dev/Ref, Fixed Range



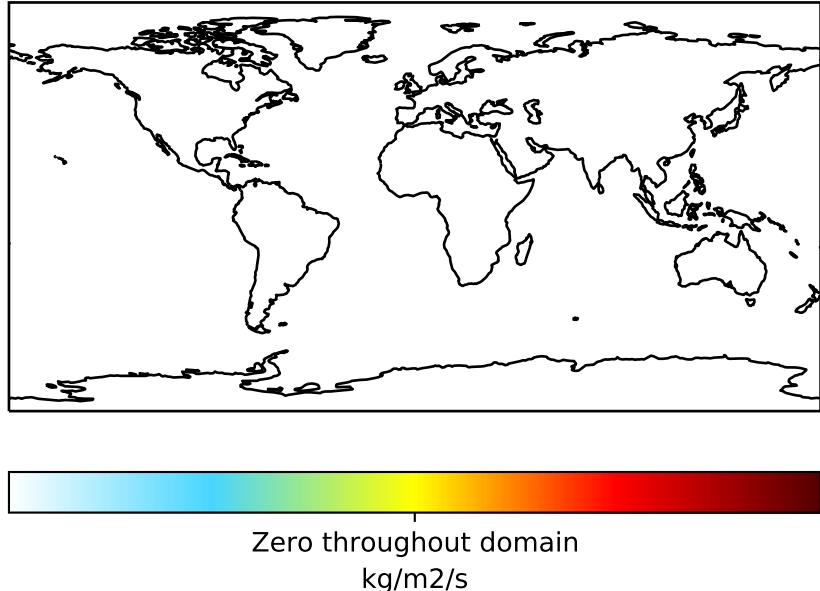
Undefined throughout domain
unitless

EmisGLYC_Anthro

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



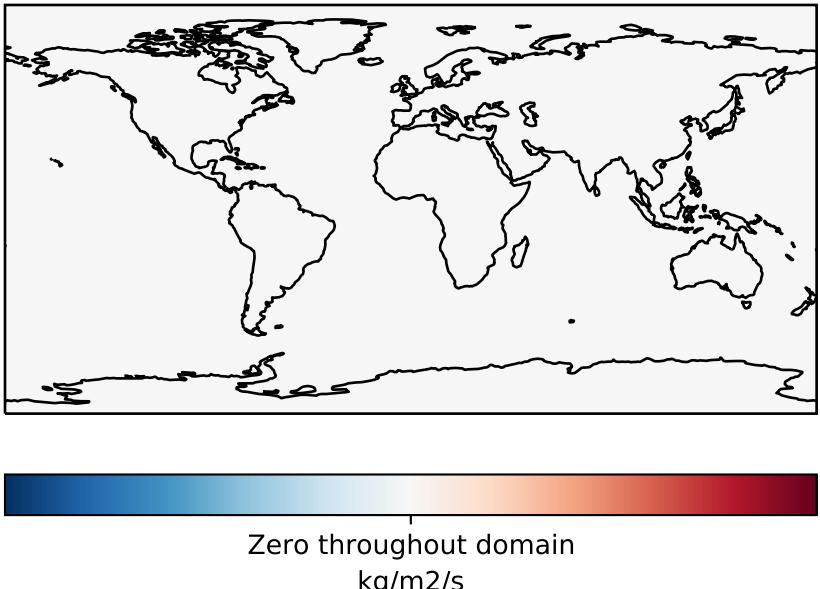
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

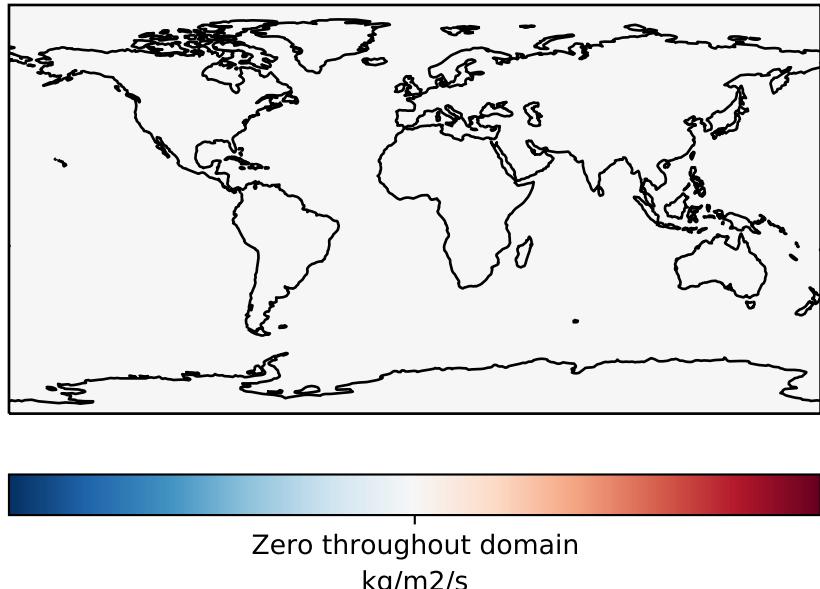
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



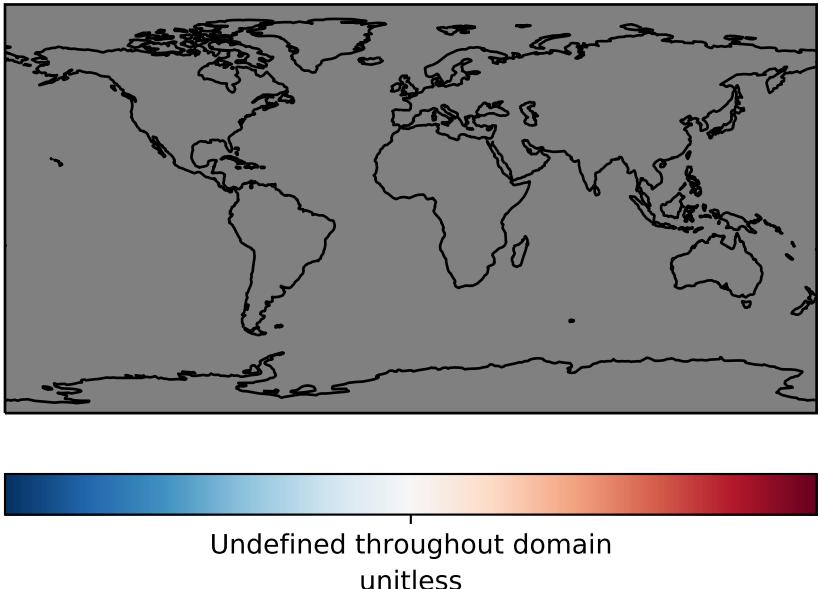
Zero throughout domain
kg/m²/s

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



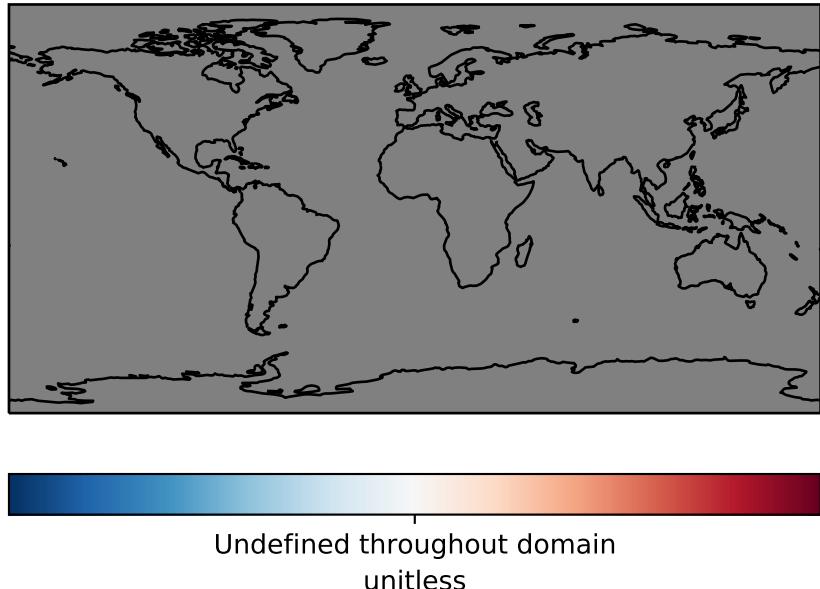
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

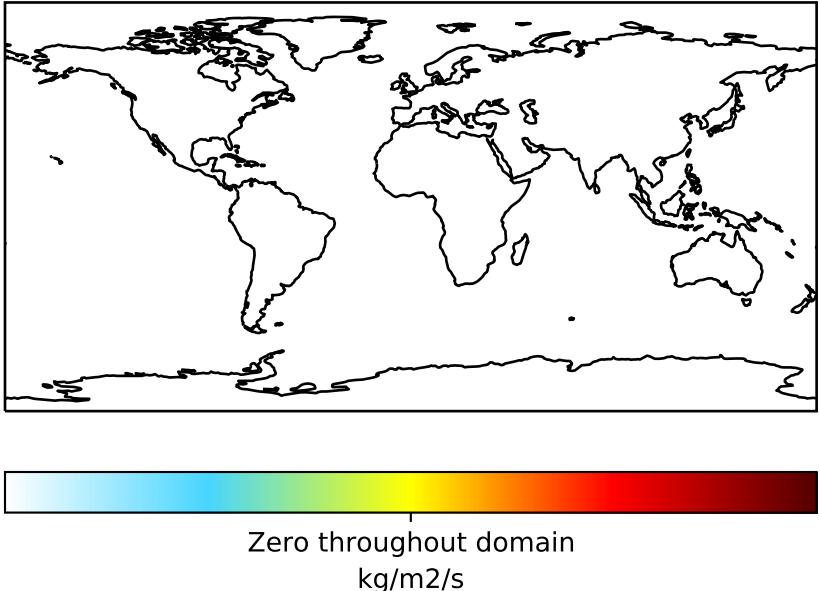
Ratio
Dev/Ref, Fixed Range



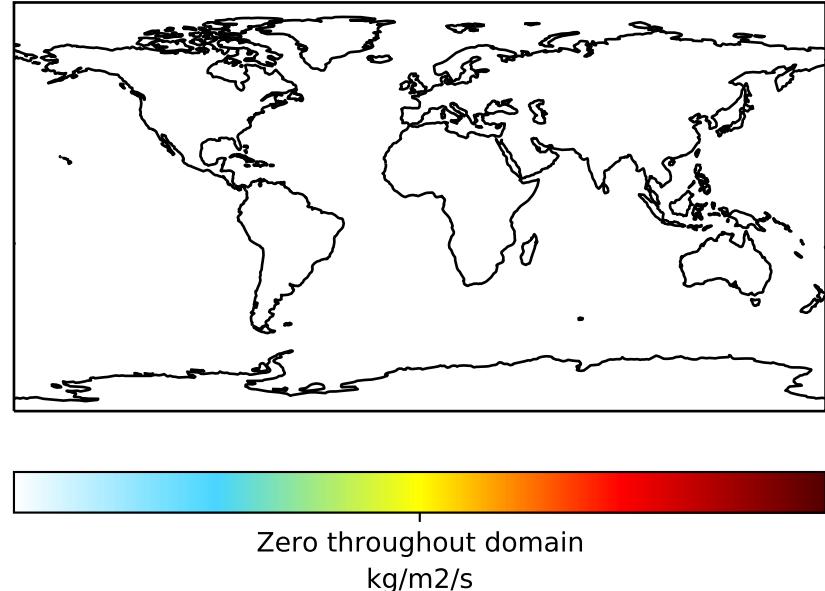
Undefined throughout domain
unitless

EmisGLYC_Total

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



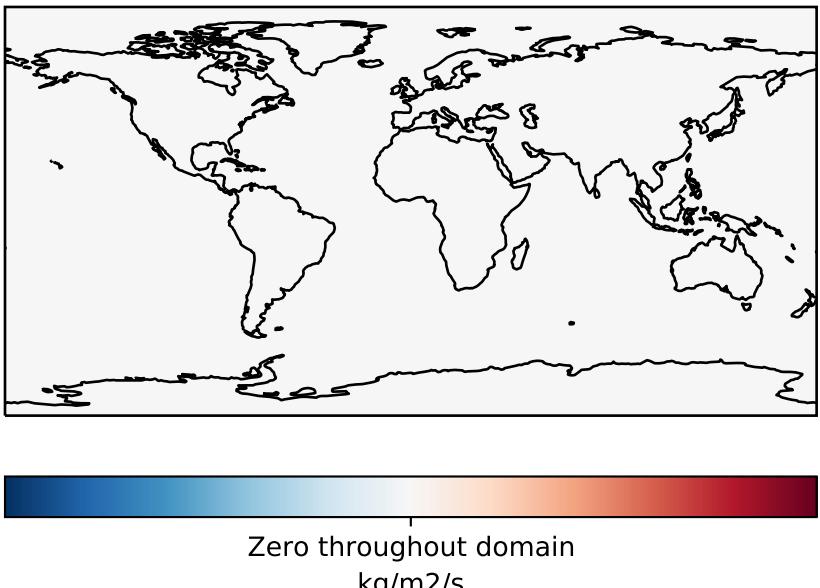
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

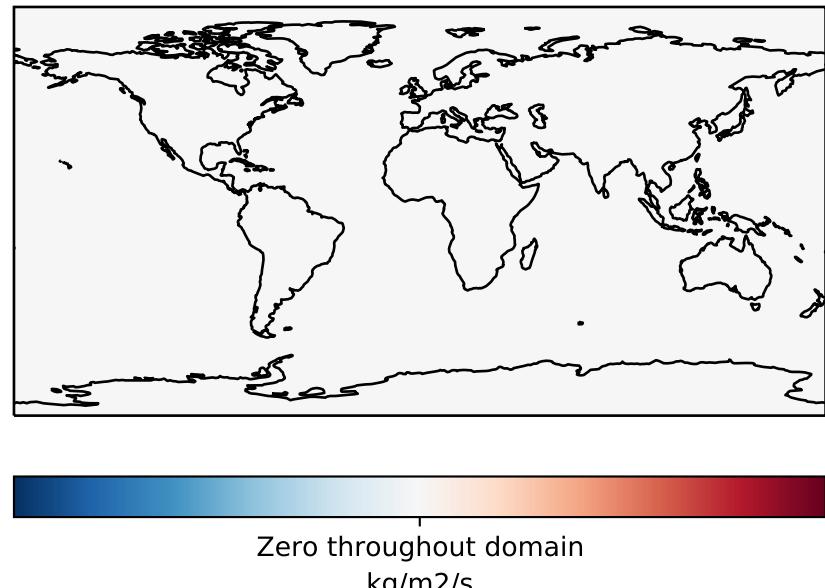
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



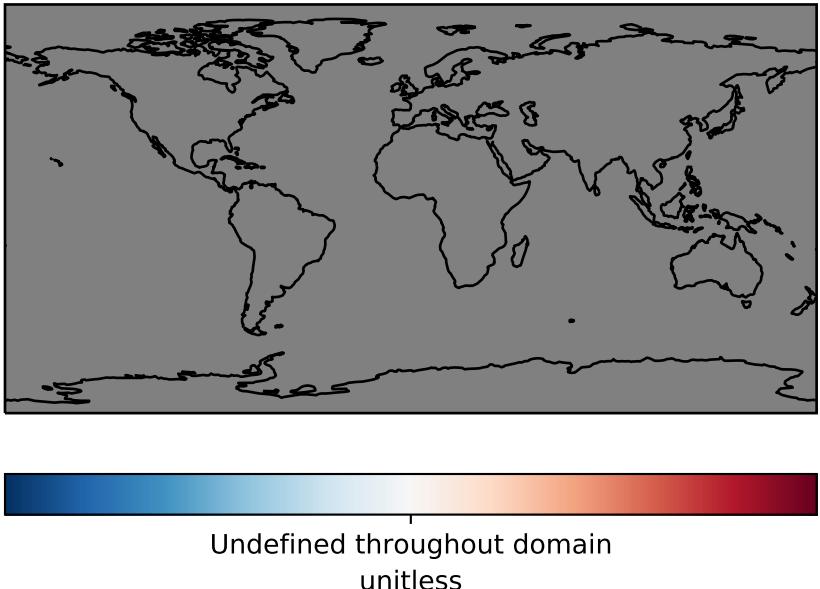
Zero throughout domain
kg/m²/s

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



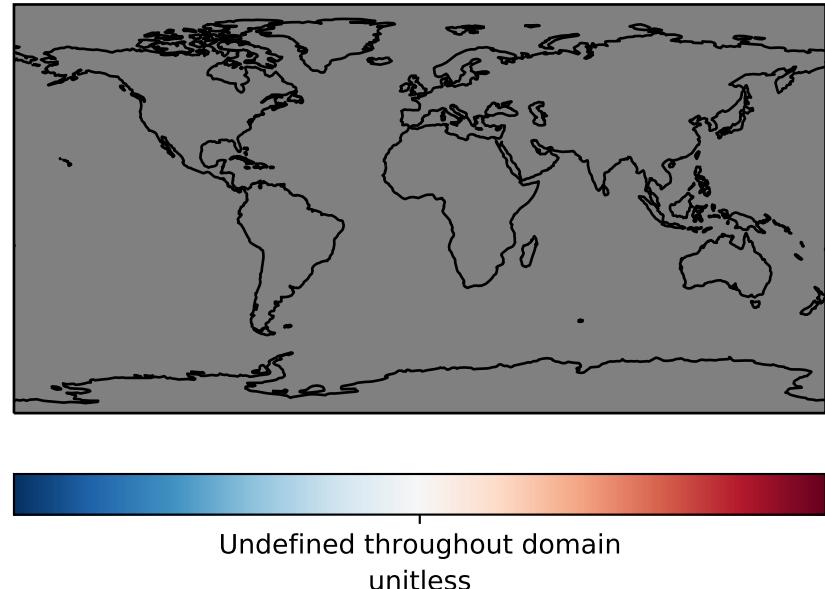
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

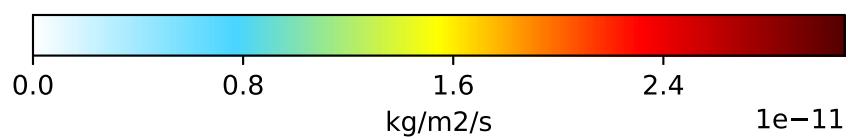
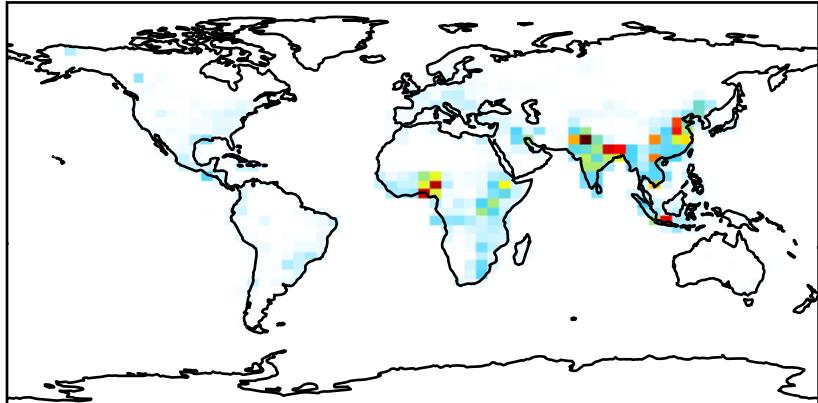
Ratio
Dev/Ref, Fixed Range



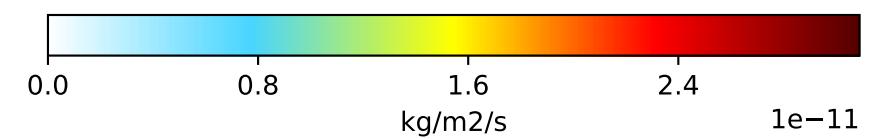
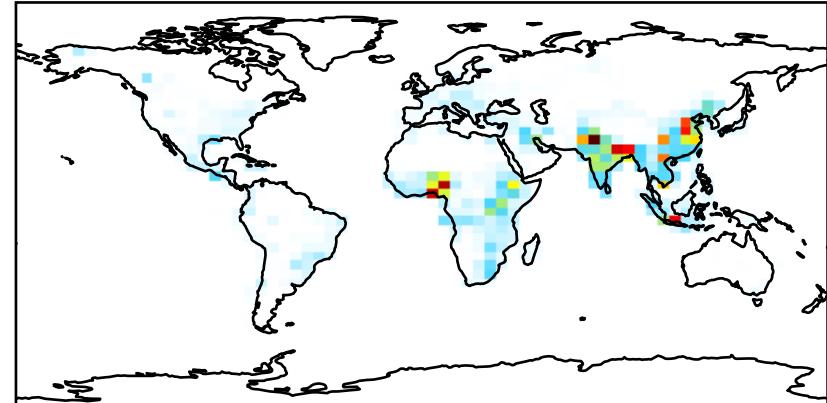
Undefined throughout domain
unitless

EmisHCOOH_Anthro

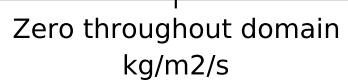
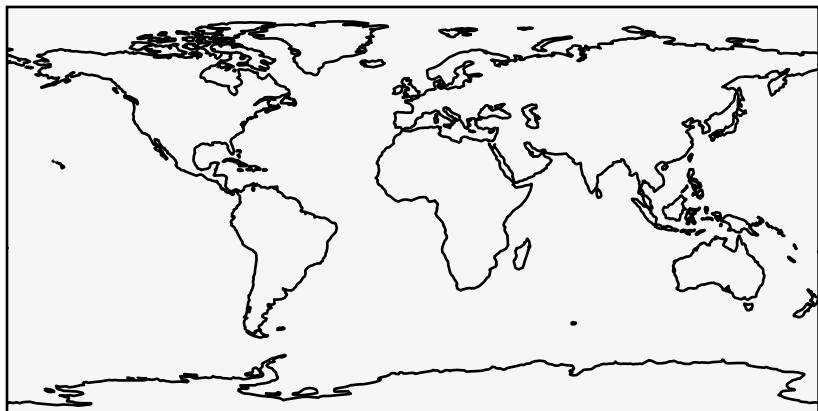
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



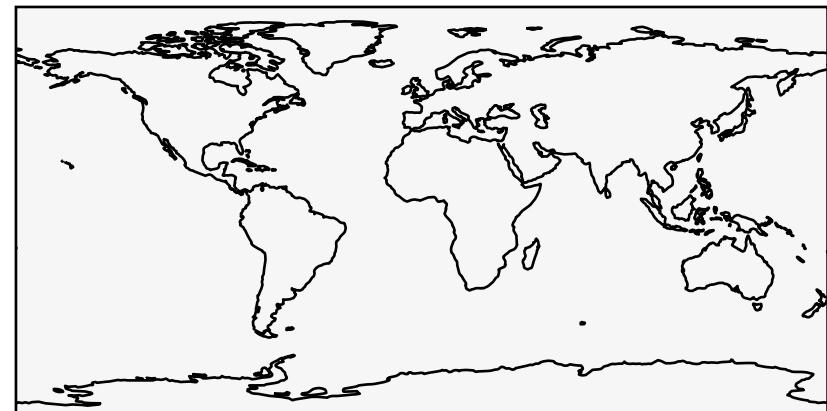
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



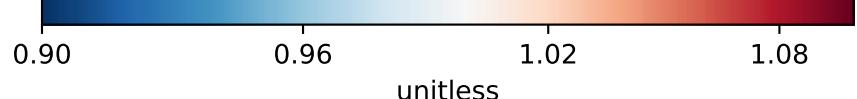
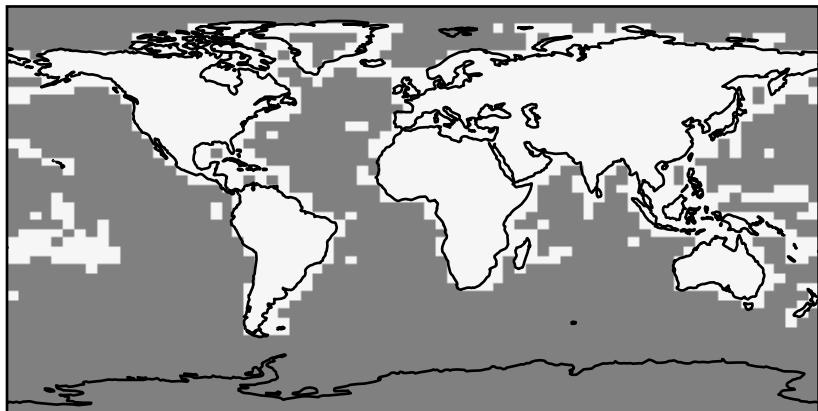
Difference
Dev - Ref, Dynamic Range



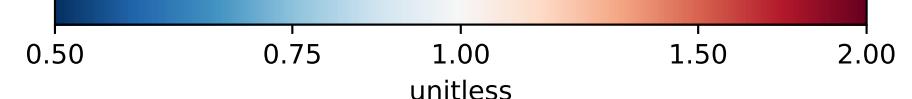
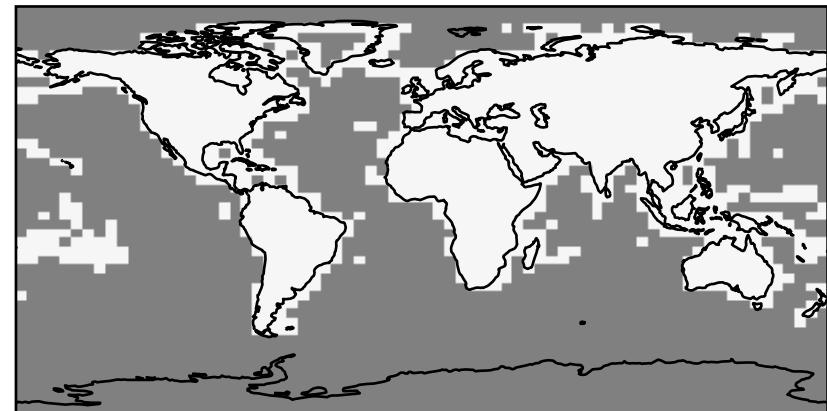
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

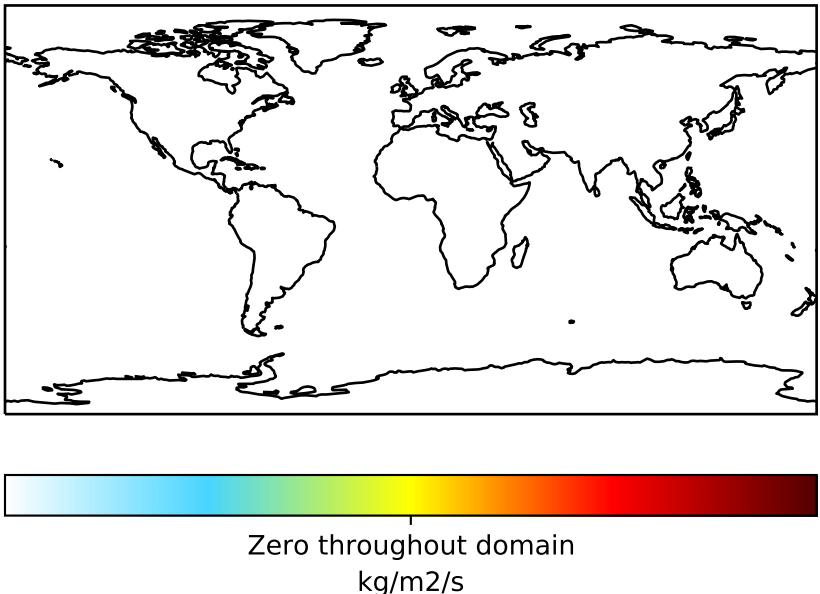


Ratio
Dev/Ref, Fixed Range

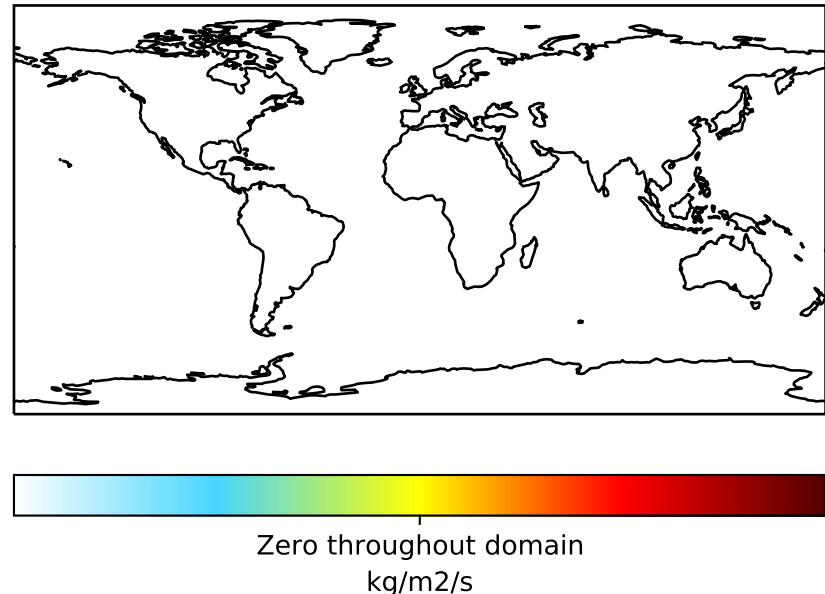


EmisHCOOH_Ship

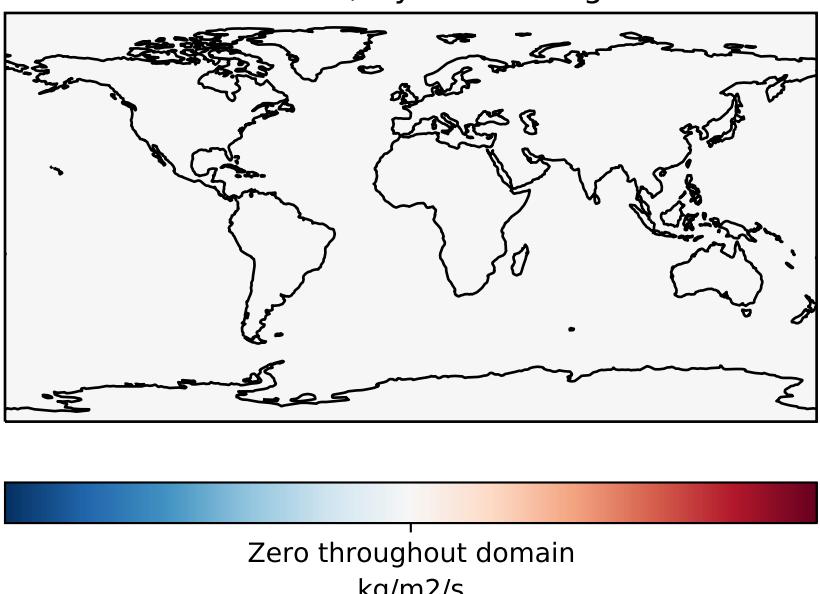
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



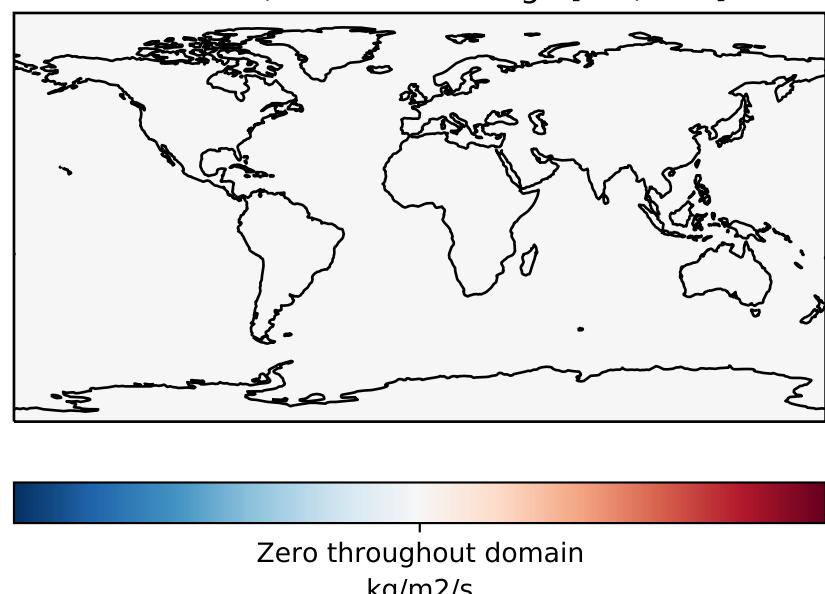
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



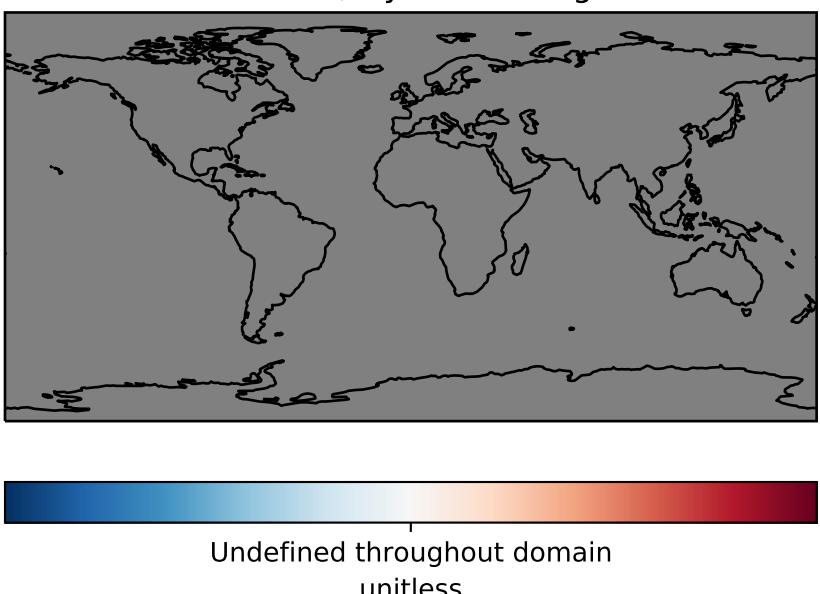
Difference
Dev - Ref, Dynamic Range



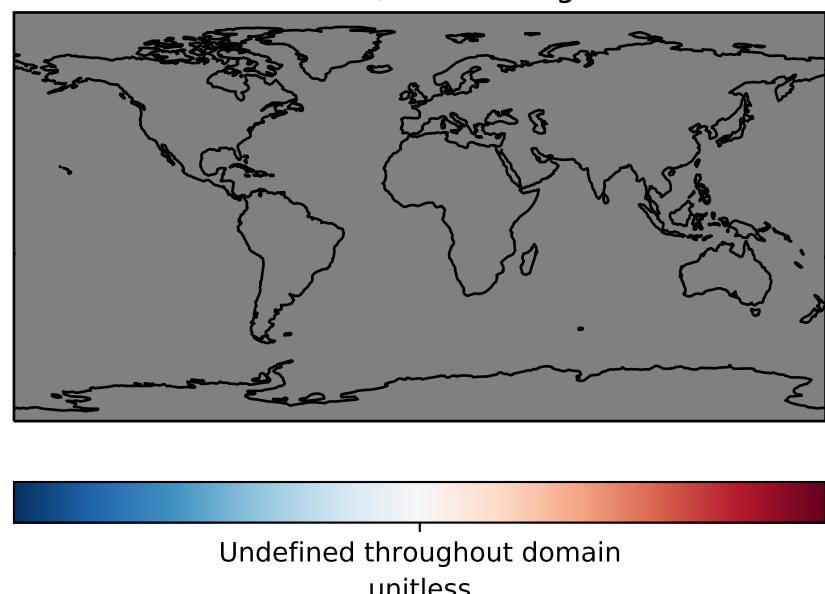
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

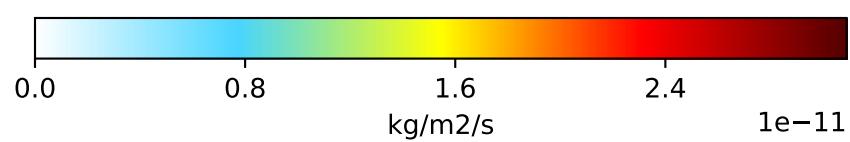
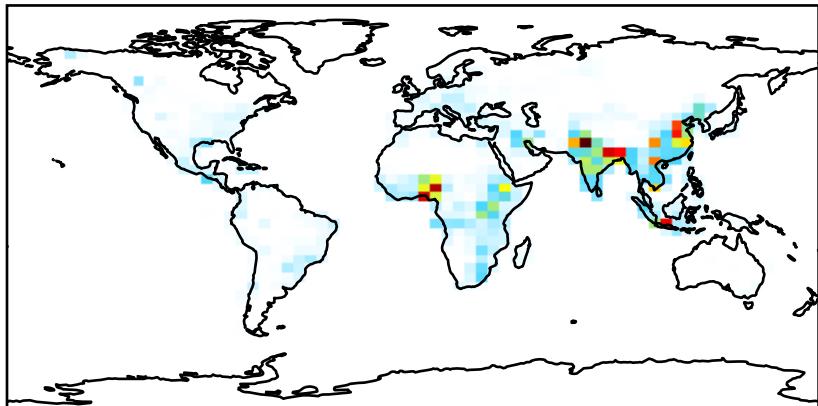


Ratio
Dev/Ref, Fixed Range

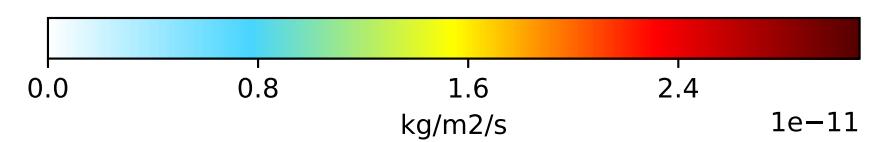
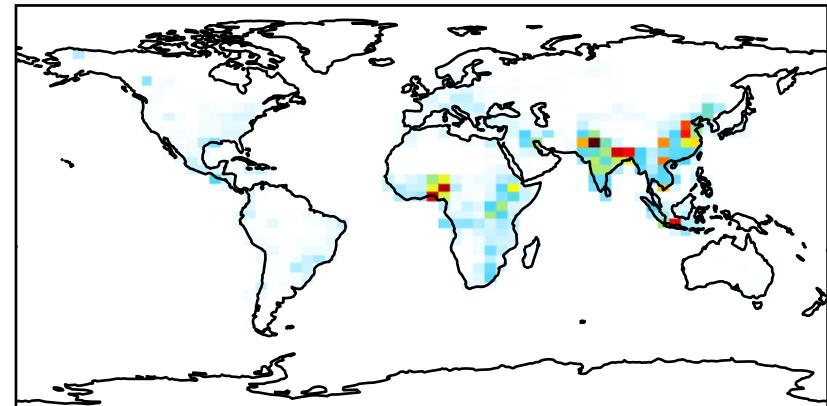


EmisHCOOH_Total

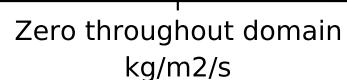
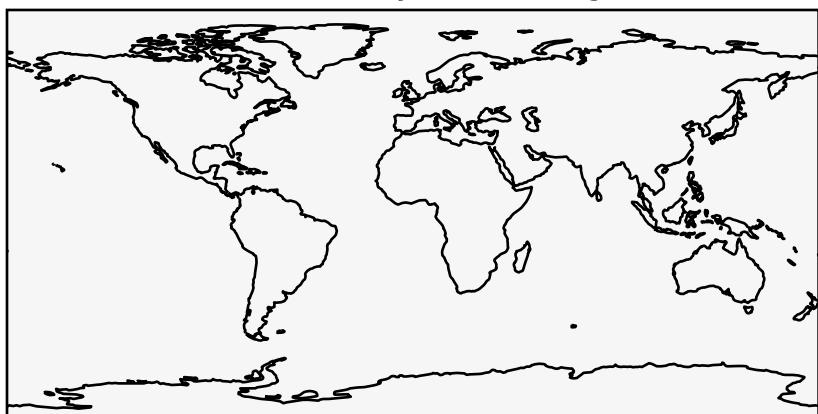
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



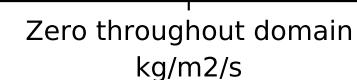
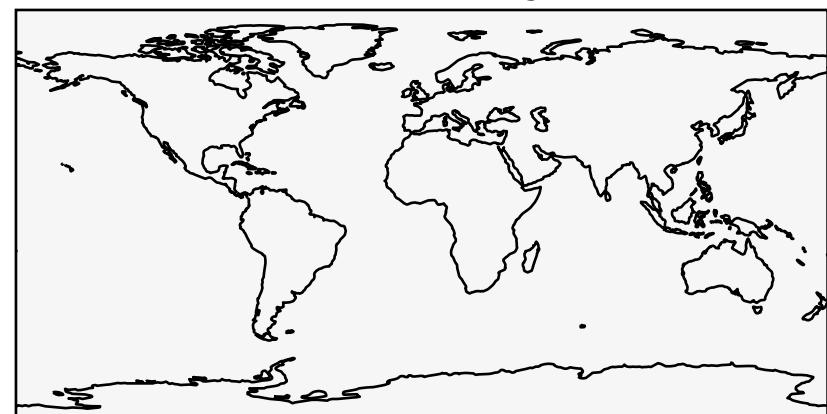
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



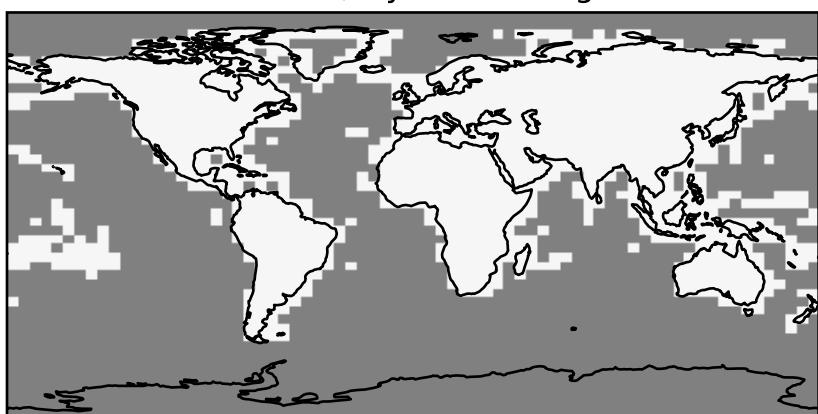
Difference
Dev - Ref, Dynamic Range



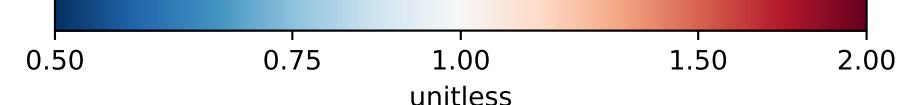
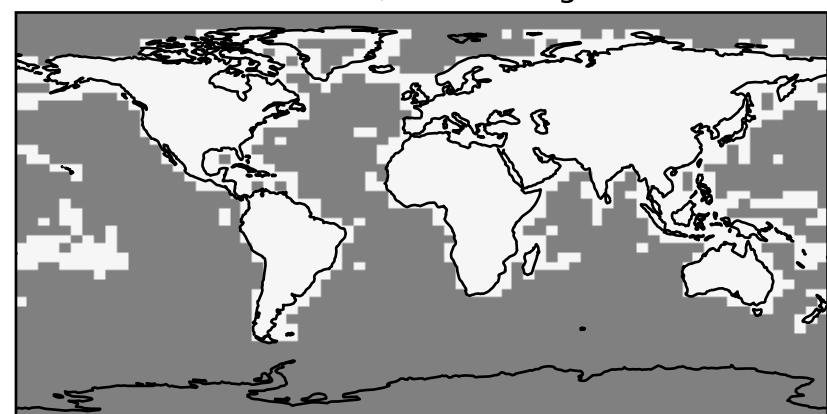
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

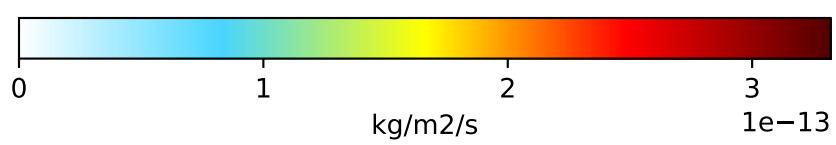
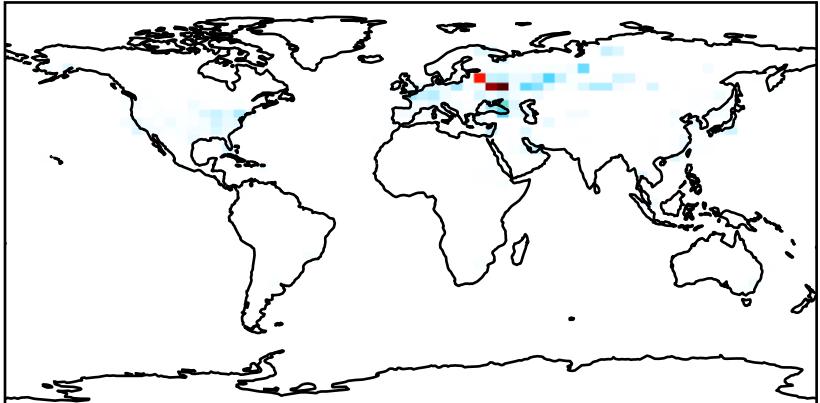


Ratio
Dev/Ref, Fixed Range

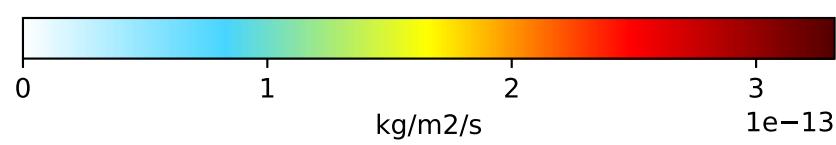
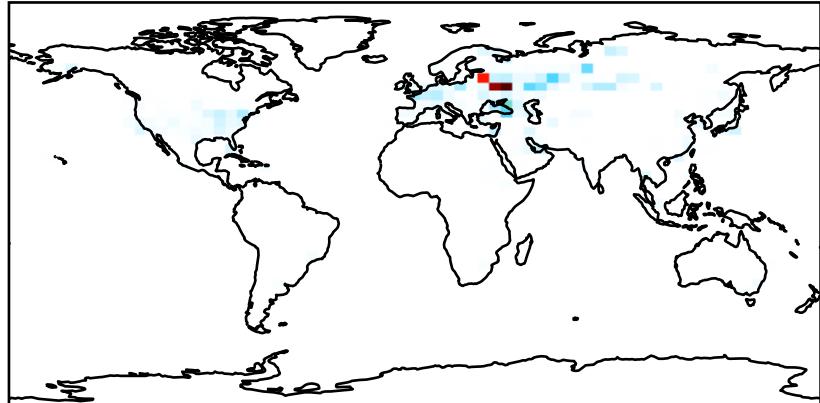


EmisRCHO_Aircraft

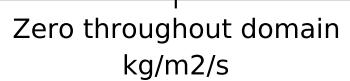
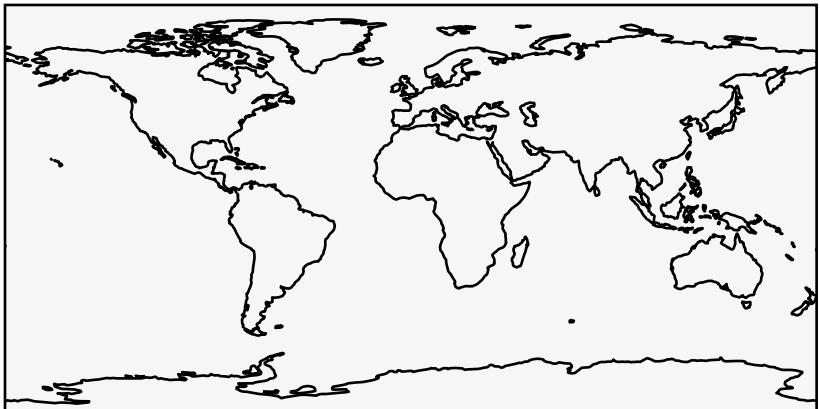
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



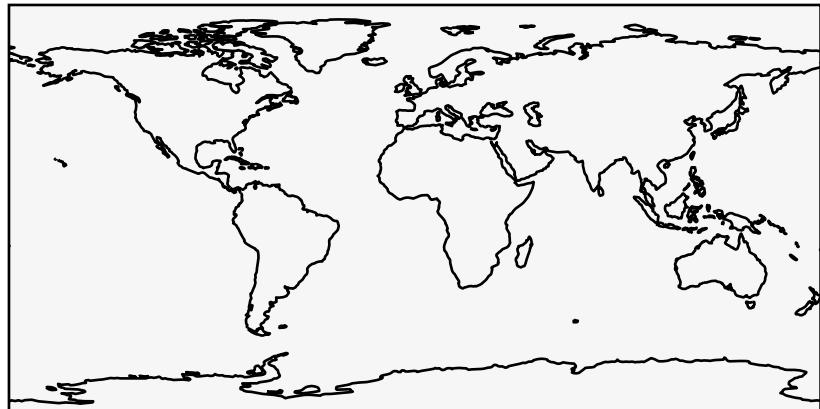
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



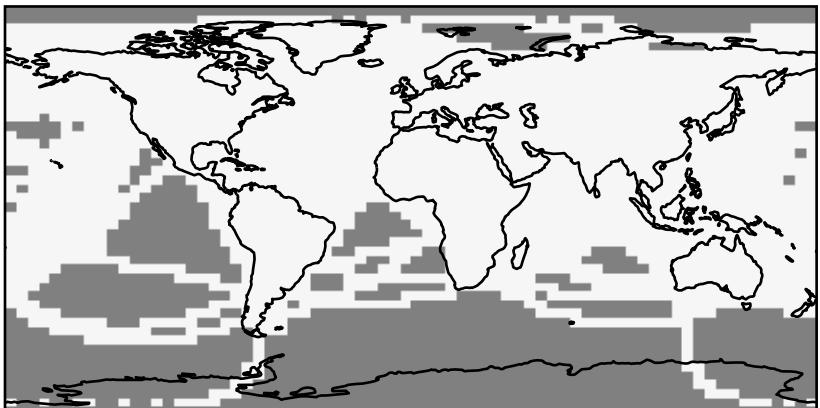
Difference
Dev - Ref, Dynamic Range



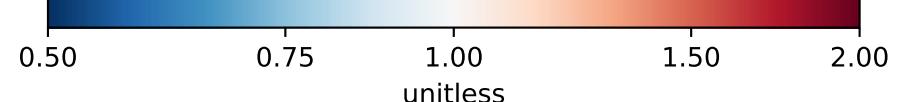
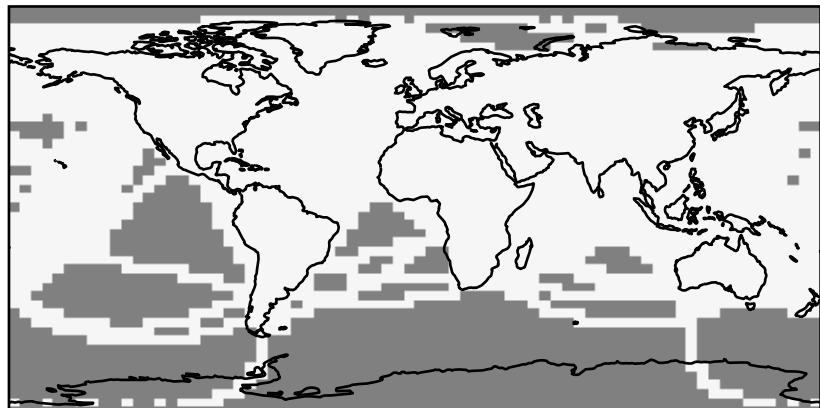
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

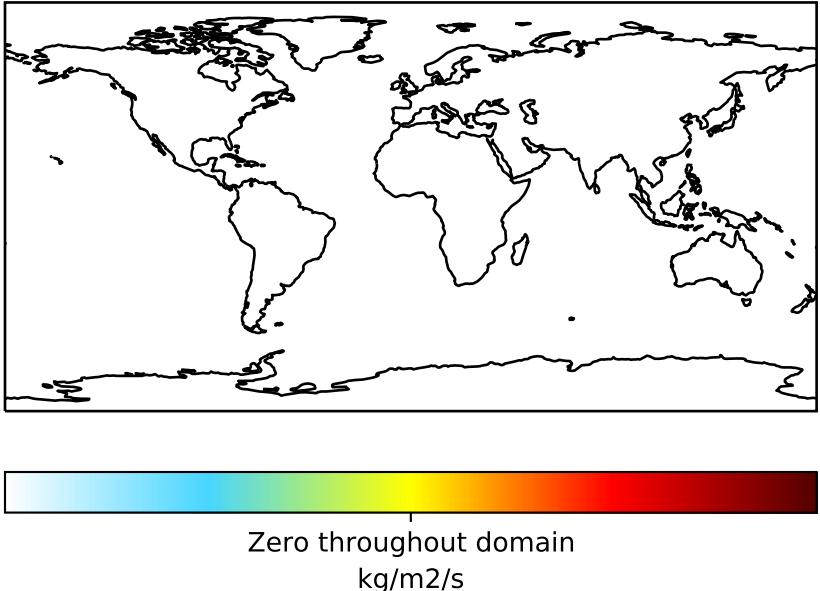


Ratio
Dev/Ref, Fixed Range

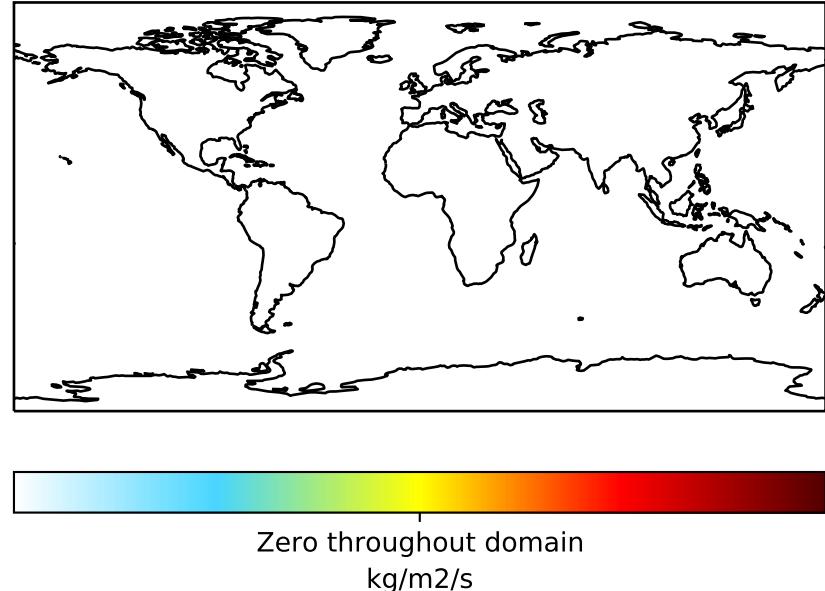


EmisRCHO_Anthro

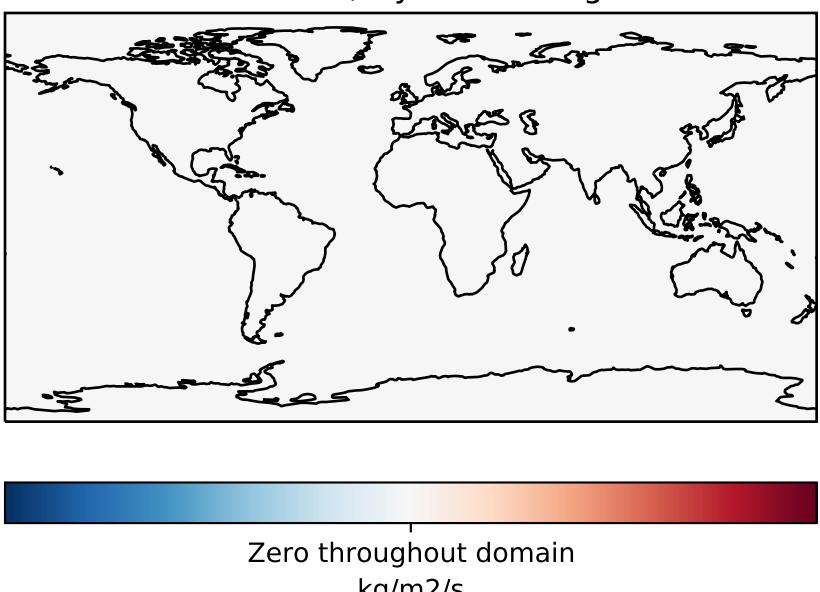
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



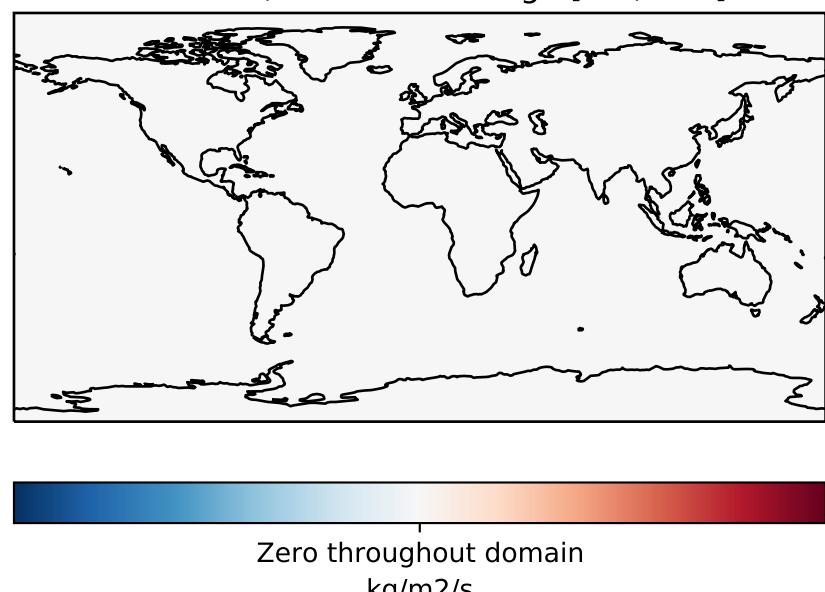
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



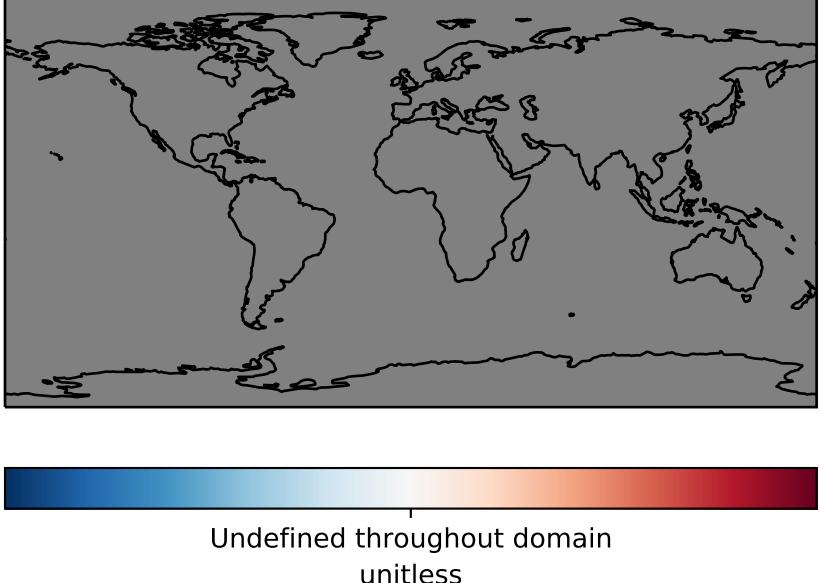
Difference
Dev - Ref, Dynamic Range



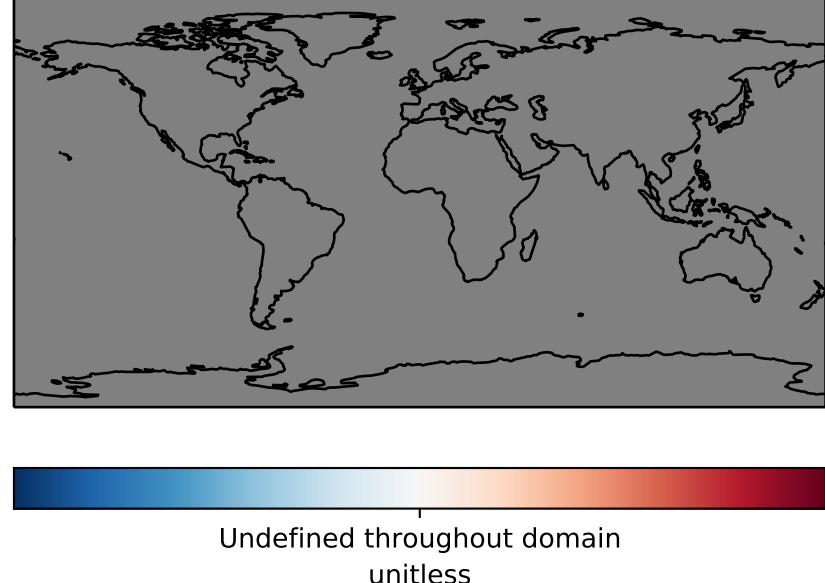
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

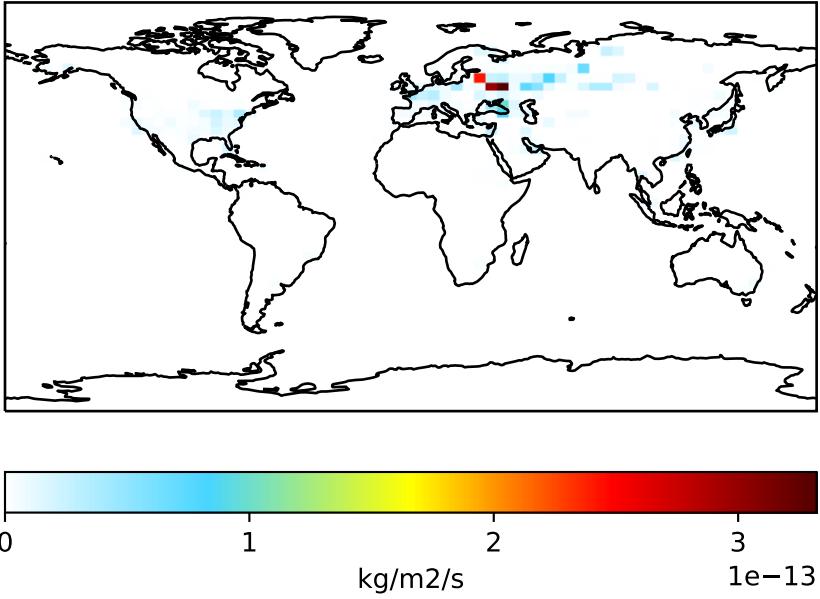


Ratio
Dev/Ref, Fixed Range

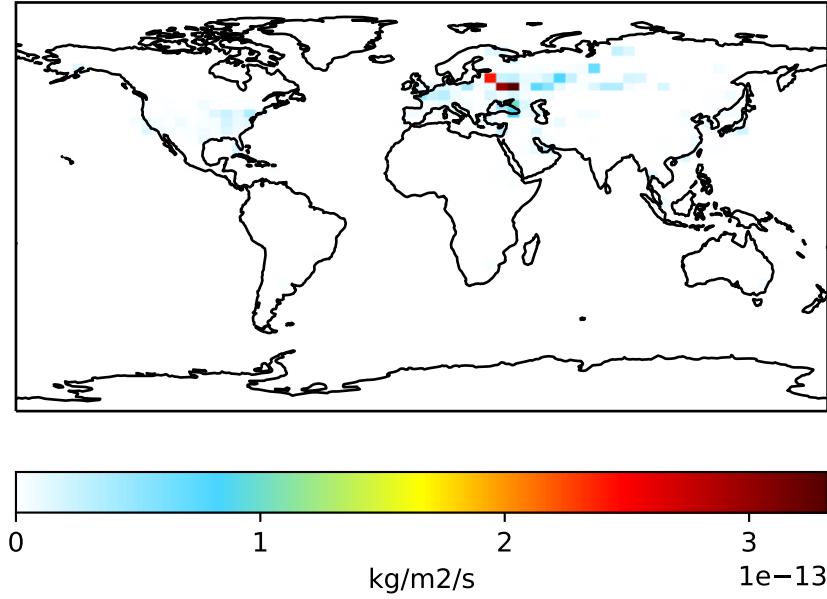


EmisRCHO_Total

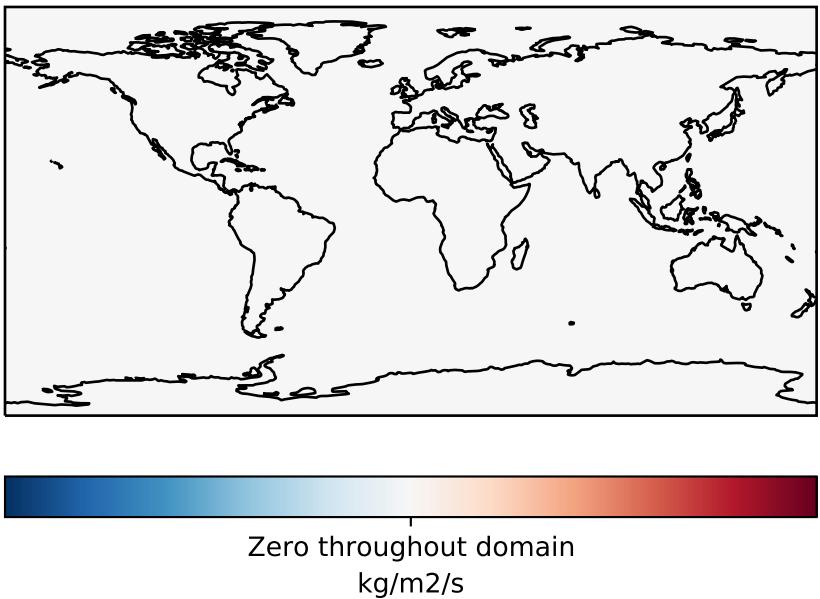
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



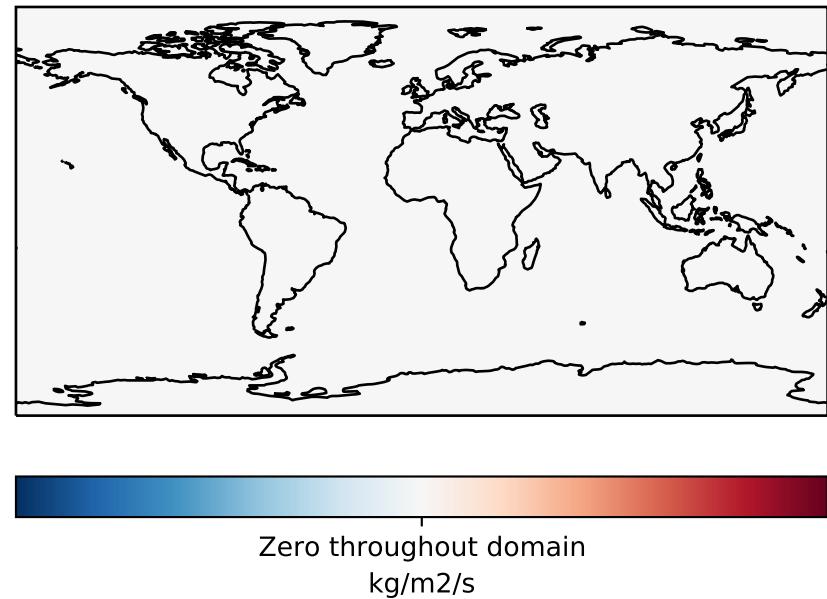
GCC_13.3.0-rc.1 (Dev)
4.0x5.0



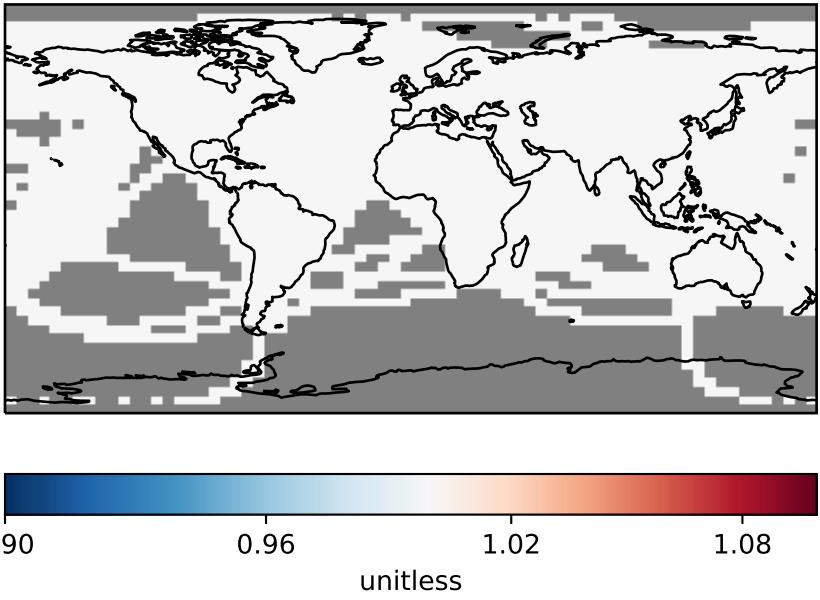
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

