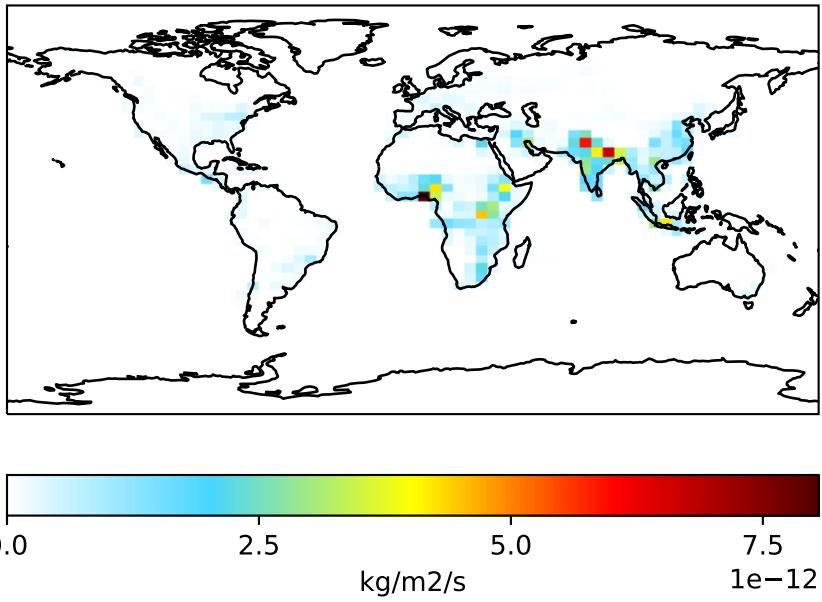
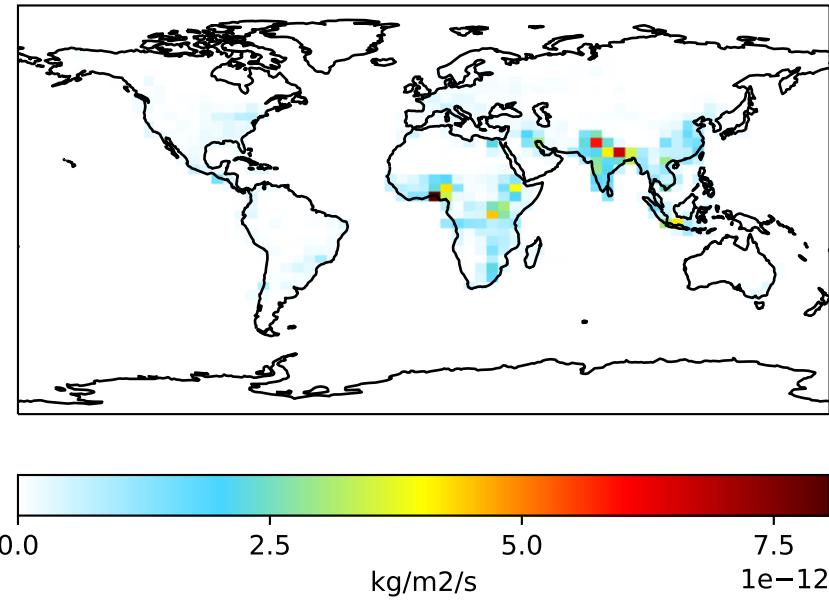


EmisALD2_Anthro

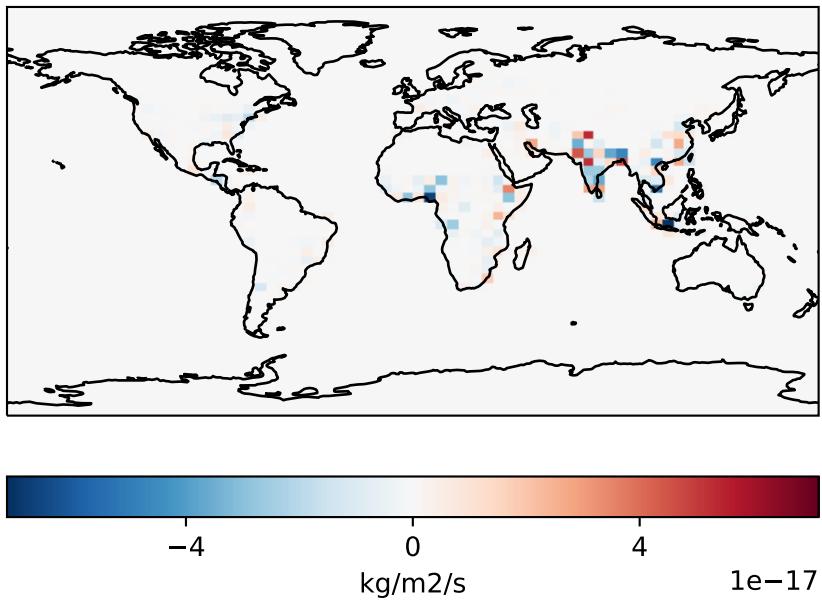
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



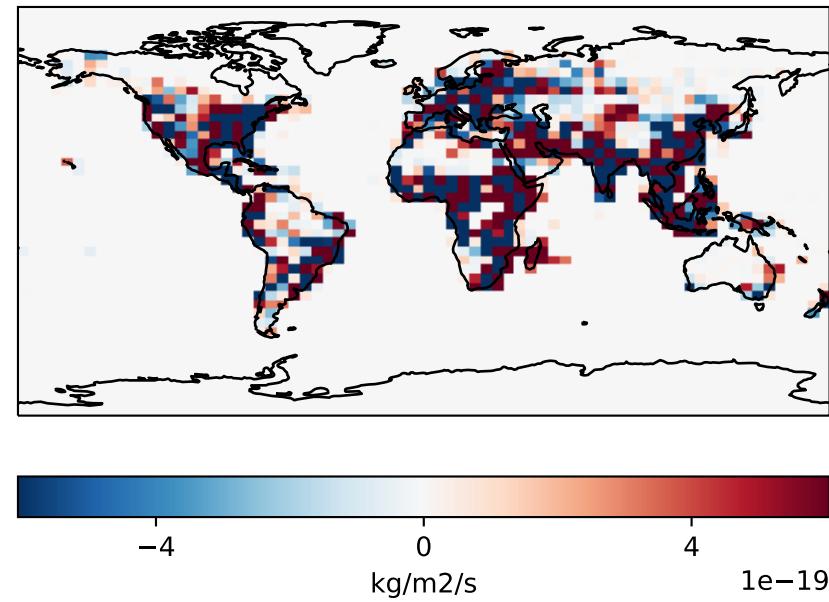
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



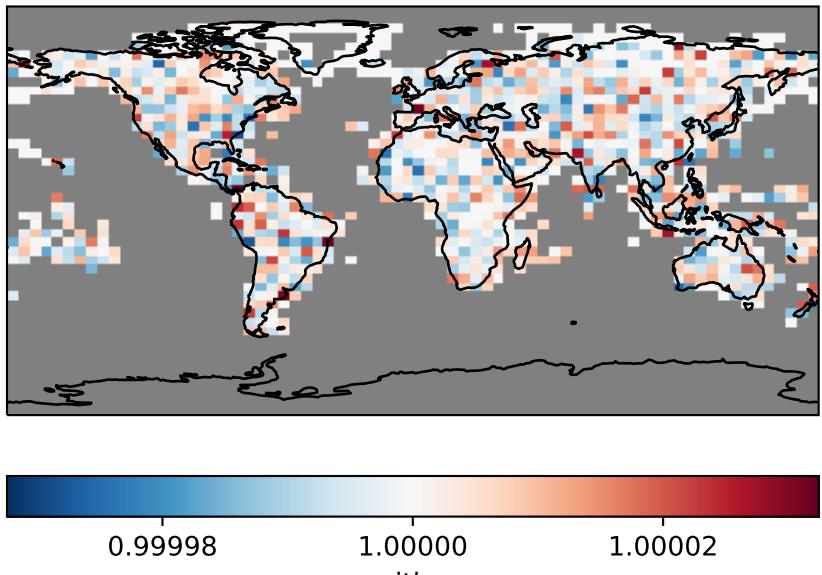
Difference
Dev - Ref, Dynamic Range



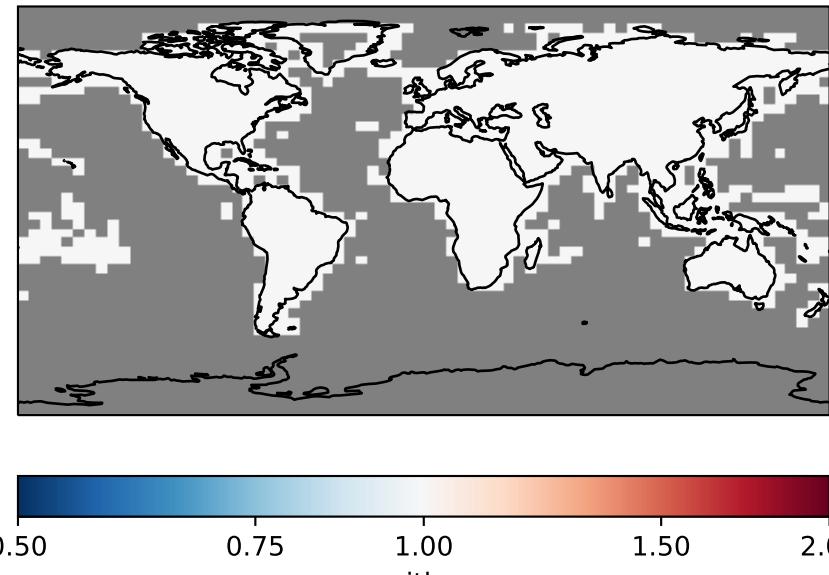
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

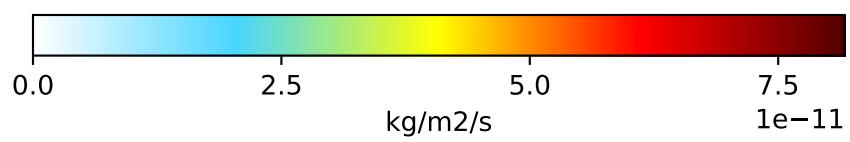
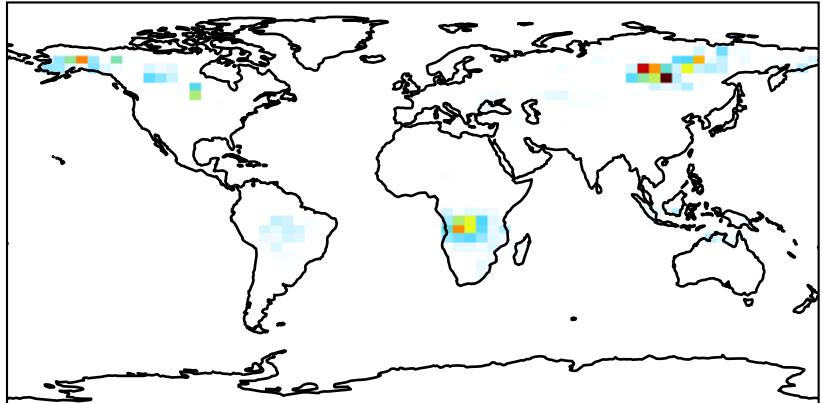


Ratio
Dev/Ref, Fixed Range

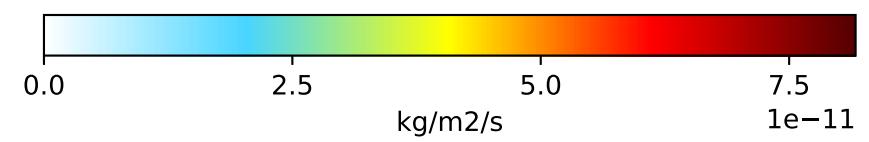
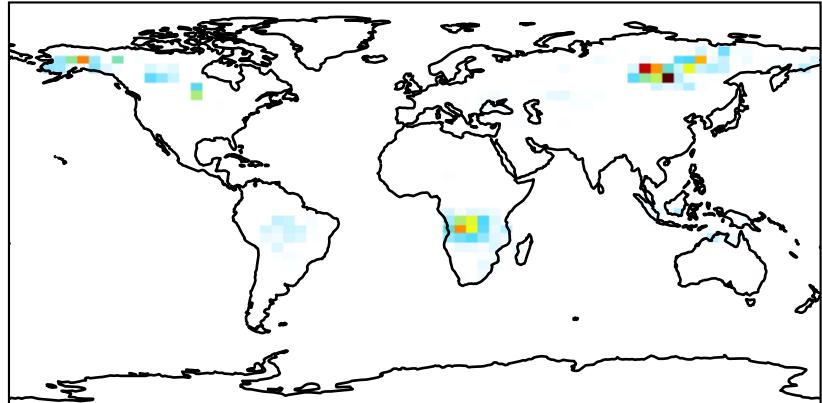


EmisALD2_BioBurn

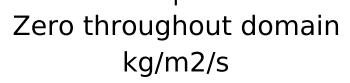
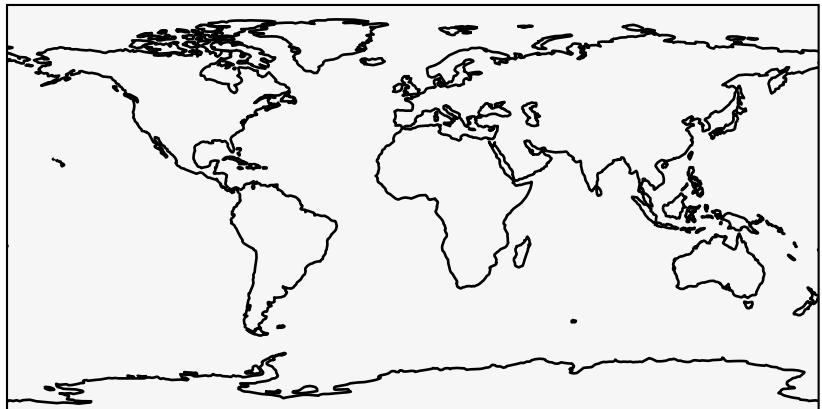
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



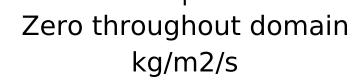
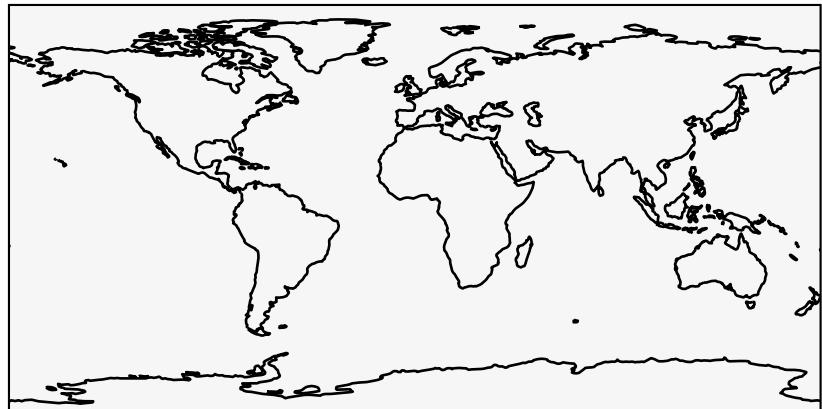
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



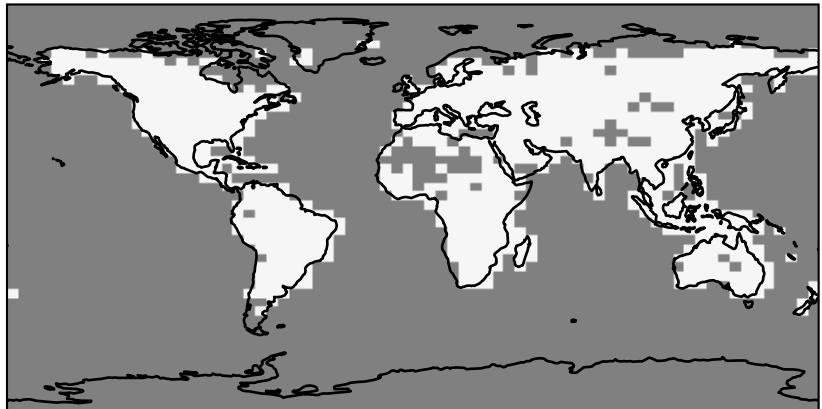
Difference
Dev - Ref, Dynamic Range



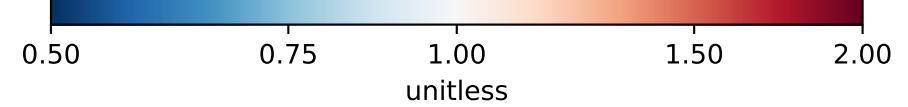
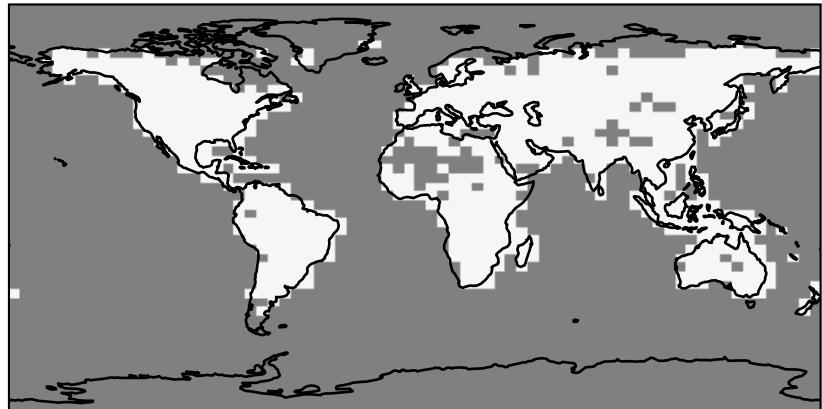
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

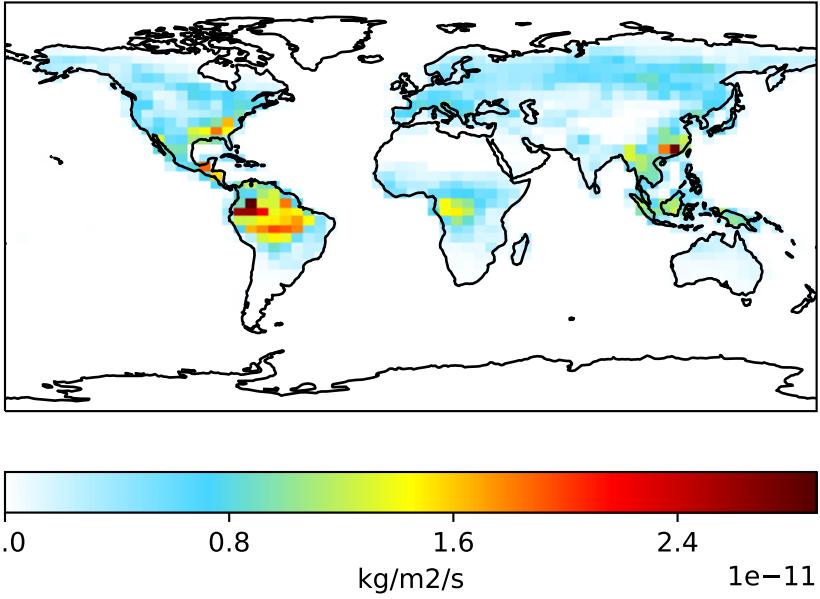


Ratio
Dev/Ref, Fixed Range

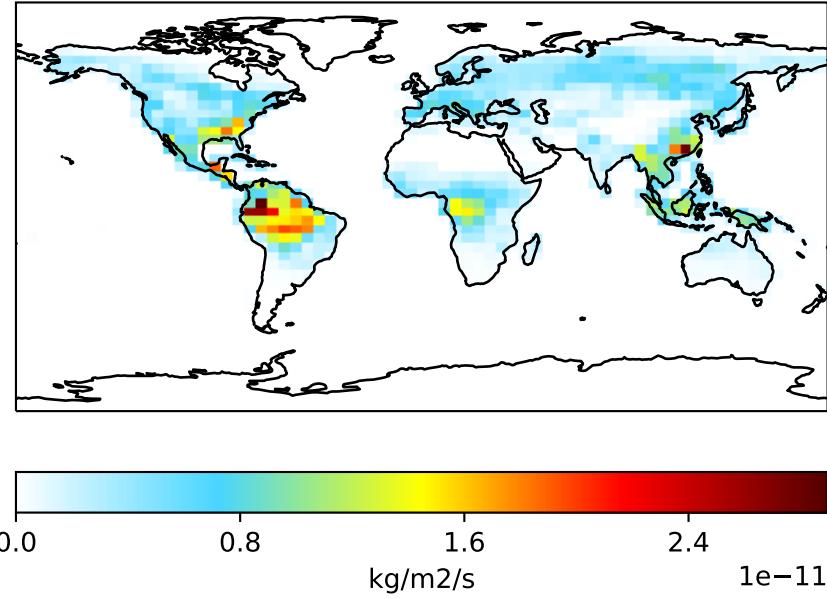


EmisALD2_Biogenic

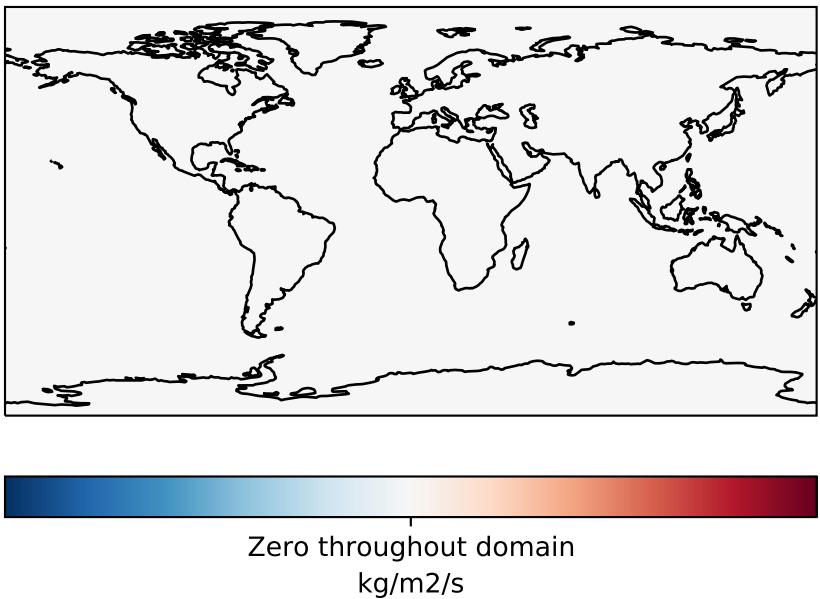
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



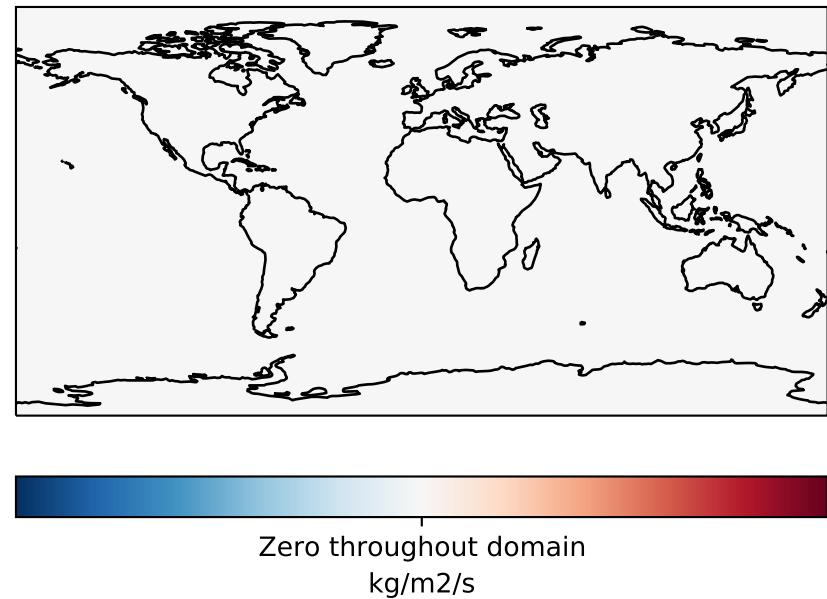
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



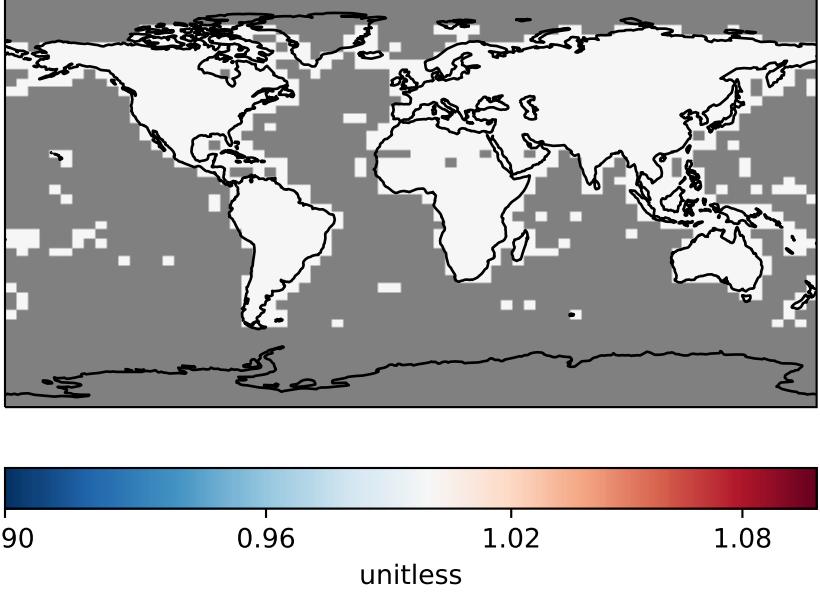
Difference
Dev - Ref, Restricted Range [5%,95%]



Zero throughout domain
kg/m²/s

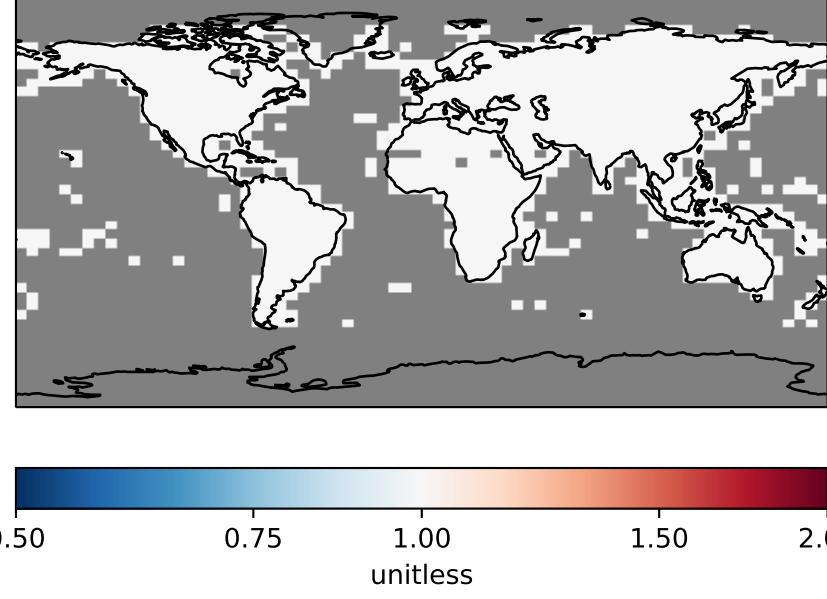
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

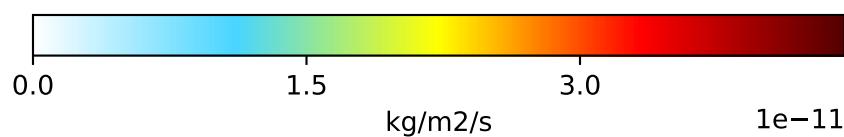
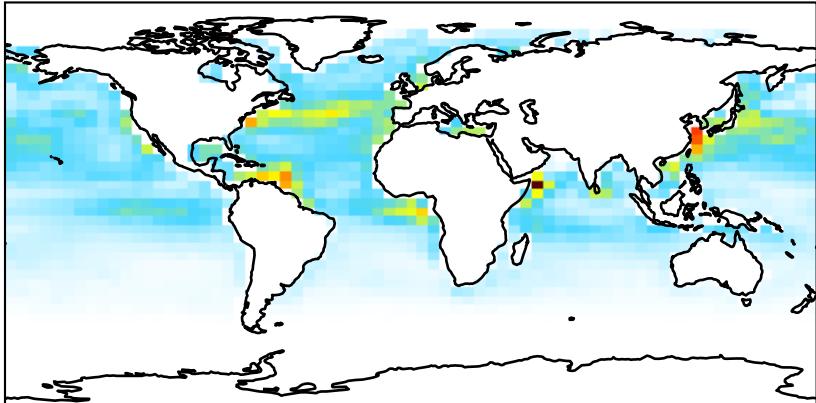
Ratio
Dev/Ref, Fixed Range



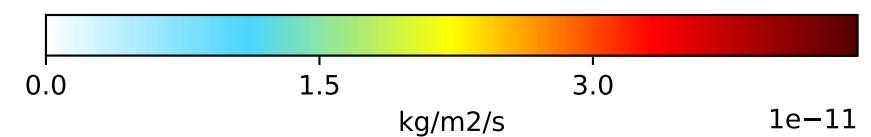
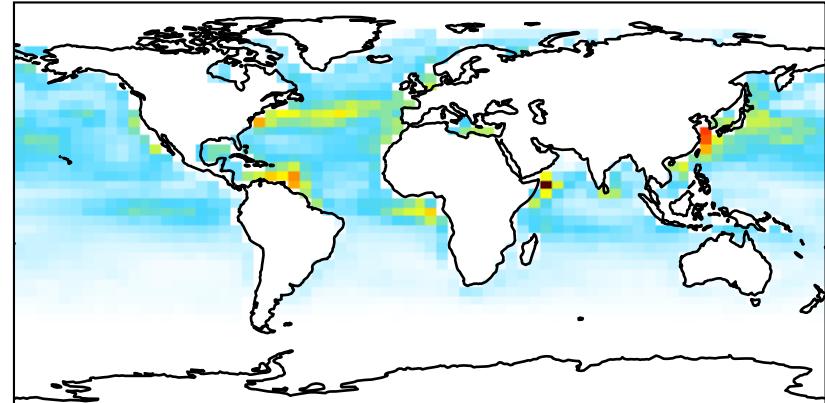
0.50 0.75 1.00 1.50 2.00
unitless

EmisALD2_Ocean

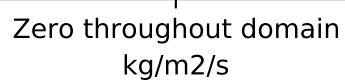
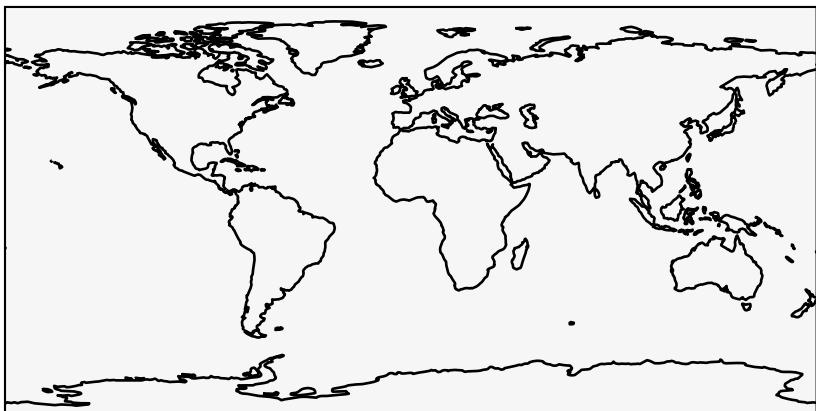
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



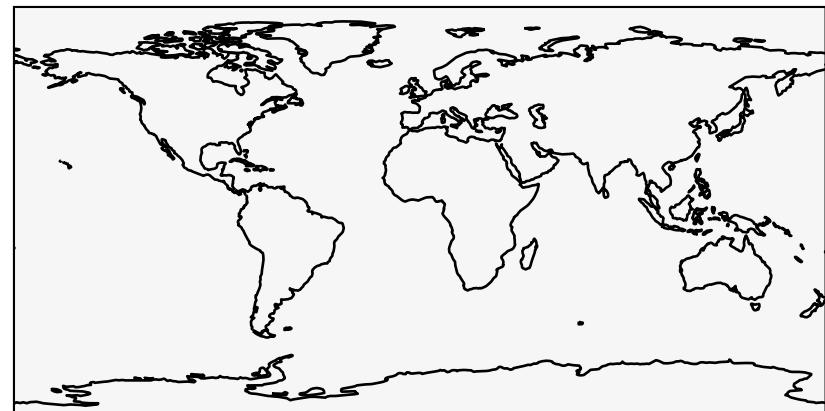
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



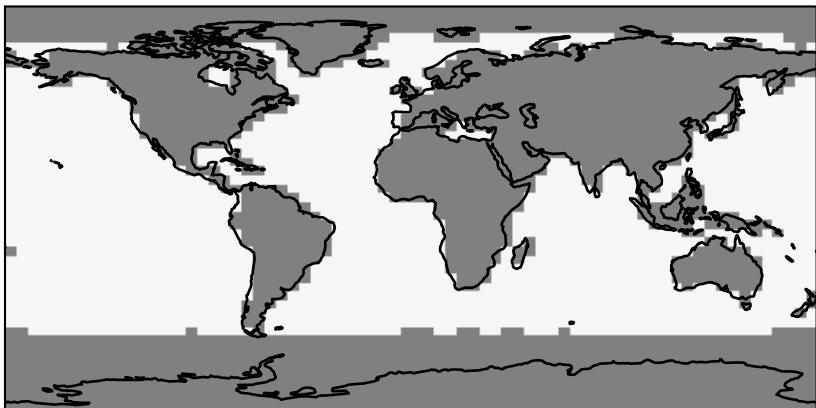
Difference
Dev - Ref, Dynamic Range



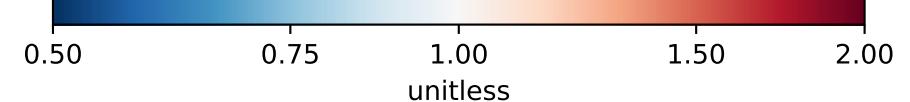
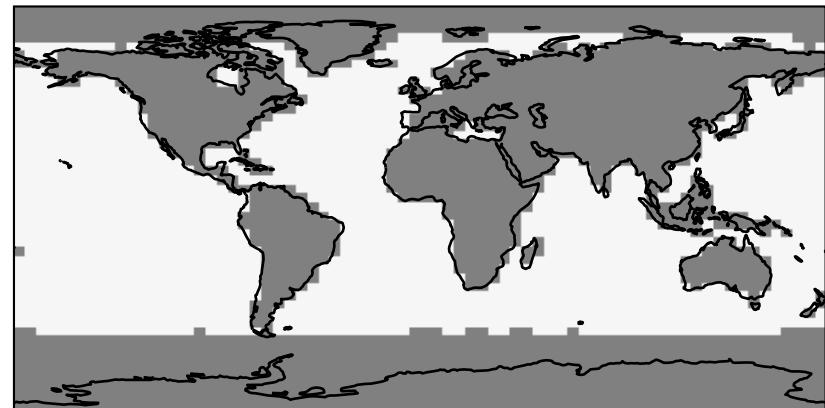
Difference
Dev - Ref, Restricted Range [5%,95%]



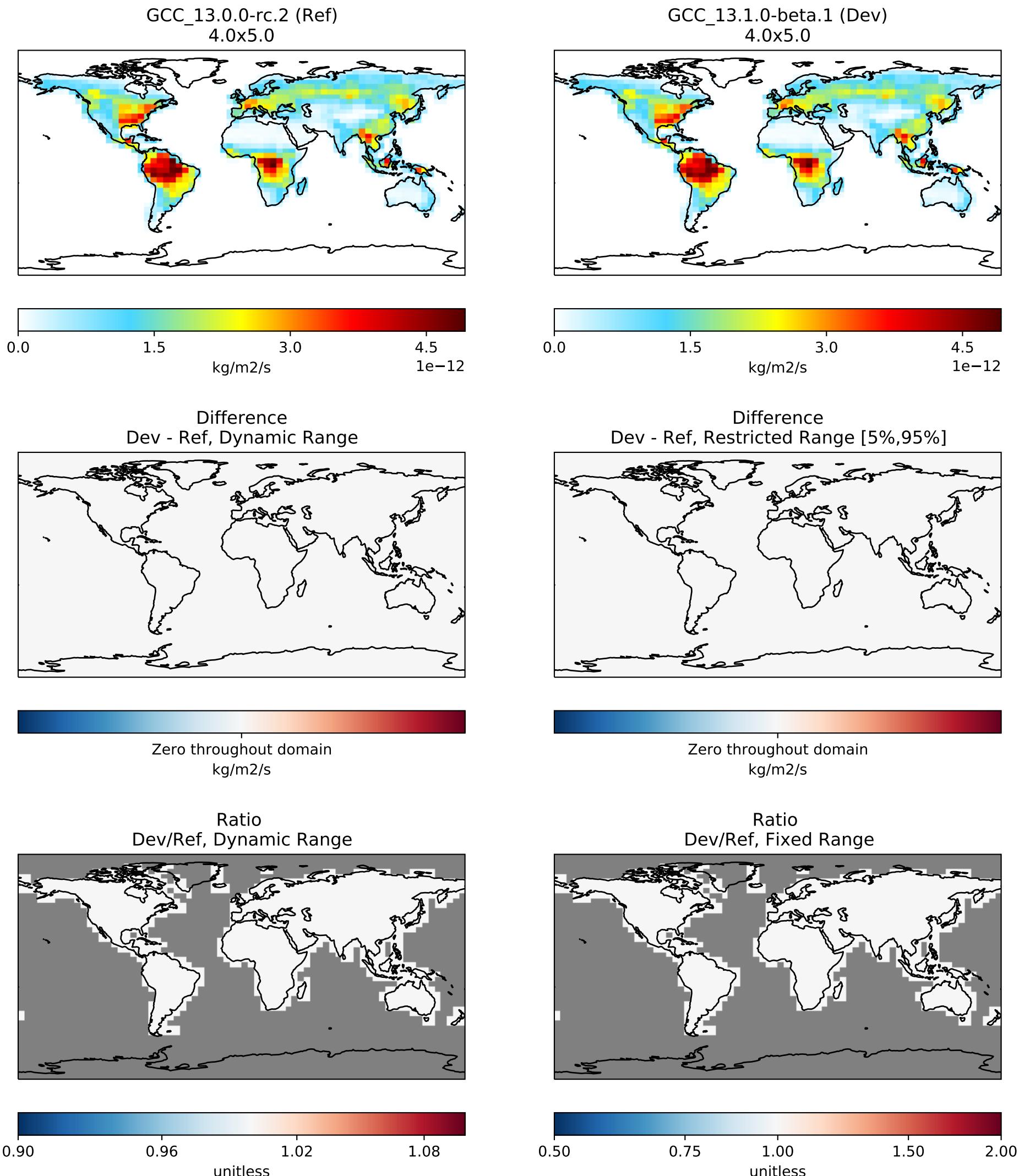
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

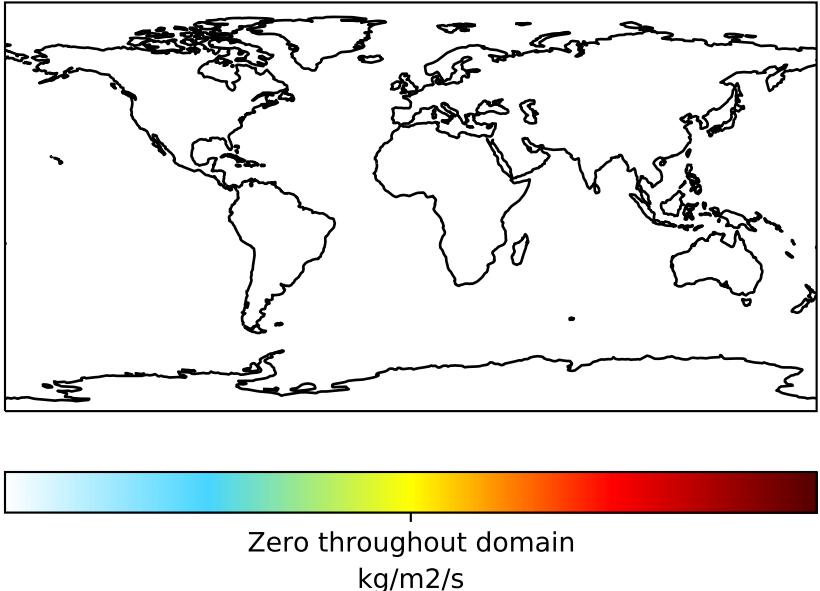


EmisALD2_PlantDecay

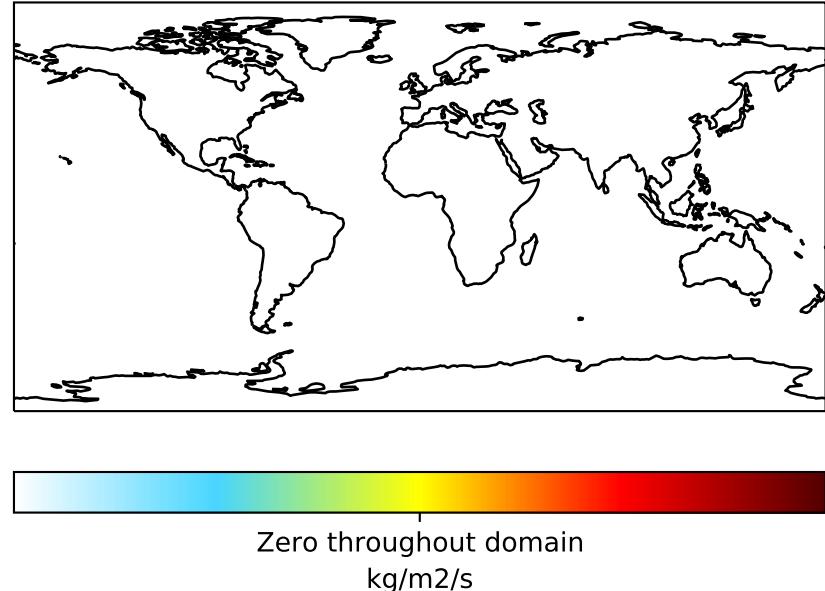


EmisALD2_Ship

GCC_13.0.0-rc.2 (Ref)
4.0x5.0



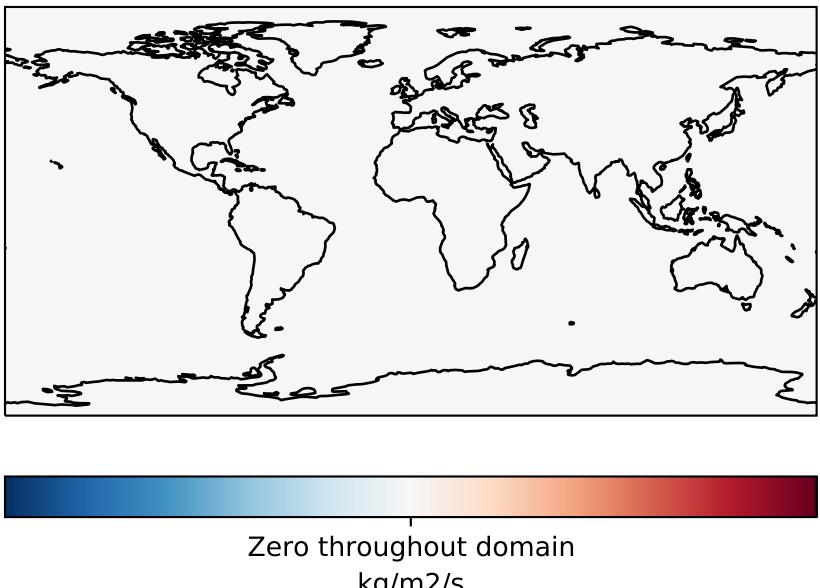
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

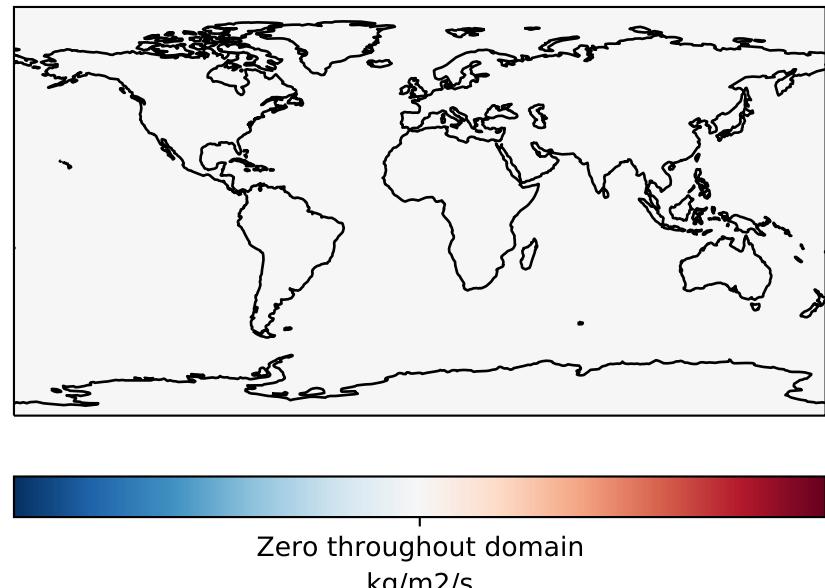
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



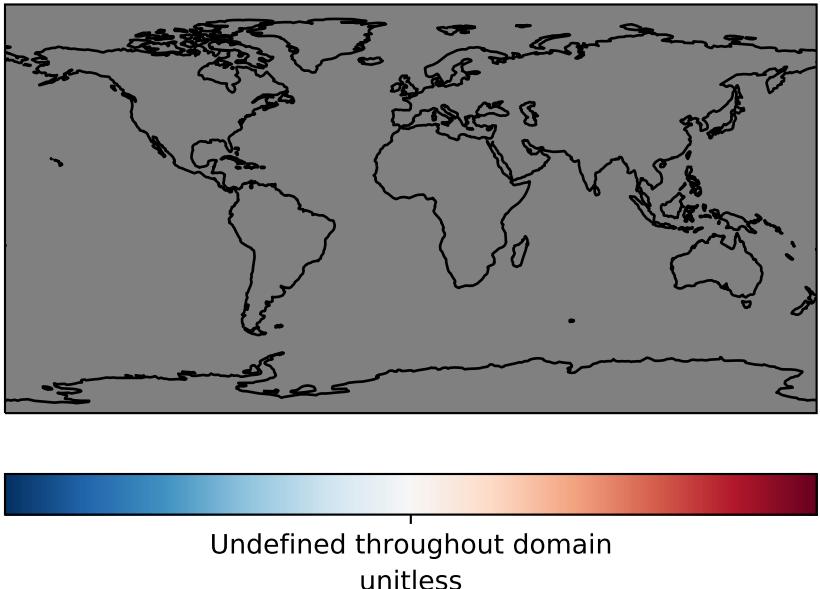
Zero throughout domain
kg/m²/s

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



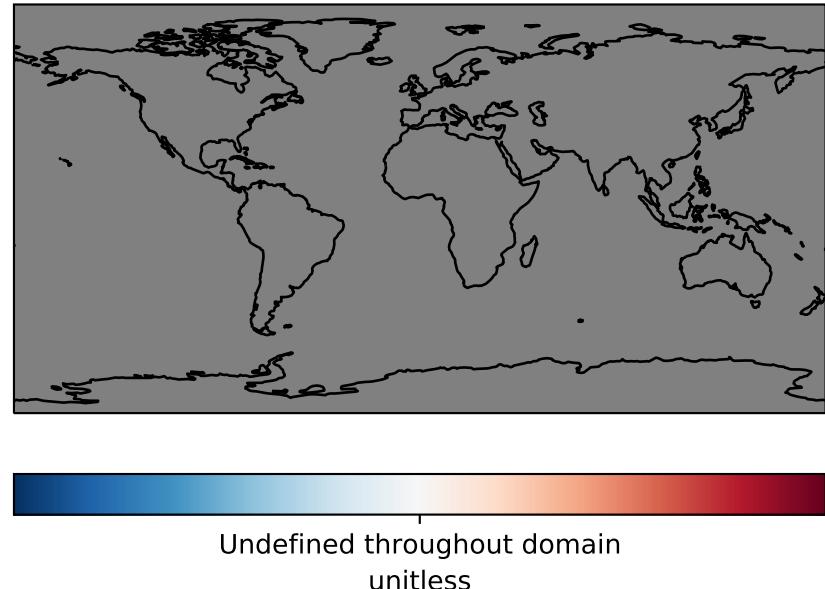
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

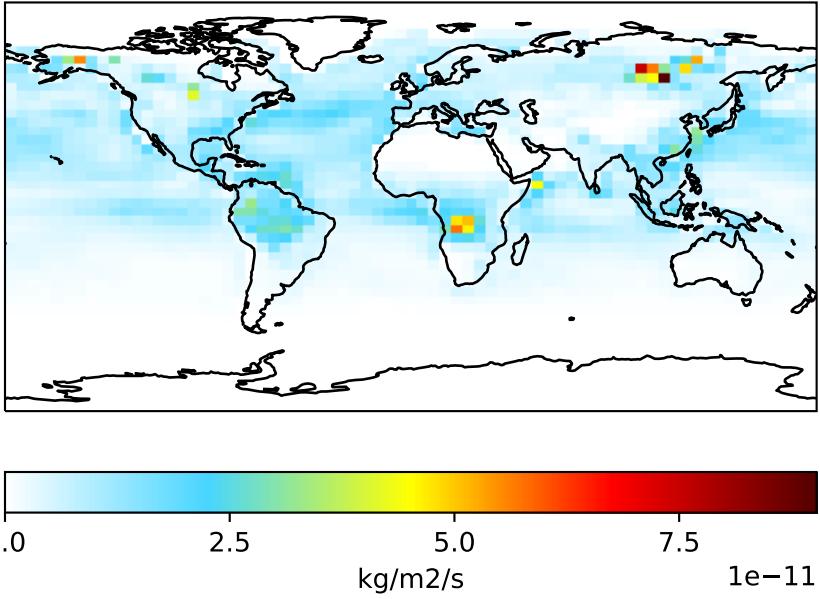
Ratio
Dev/Ref, Fixed Range



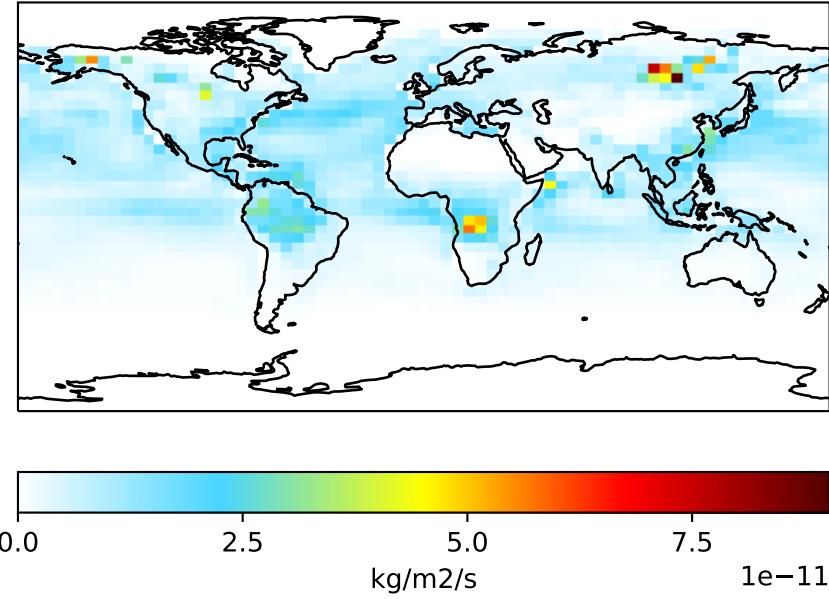
Undefined throughout domain
unitless

EmisALD2_Total

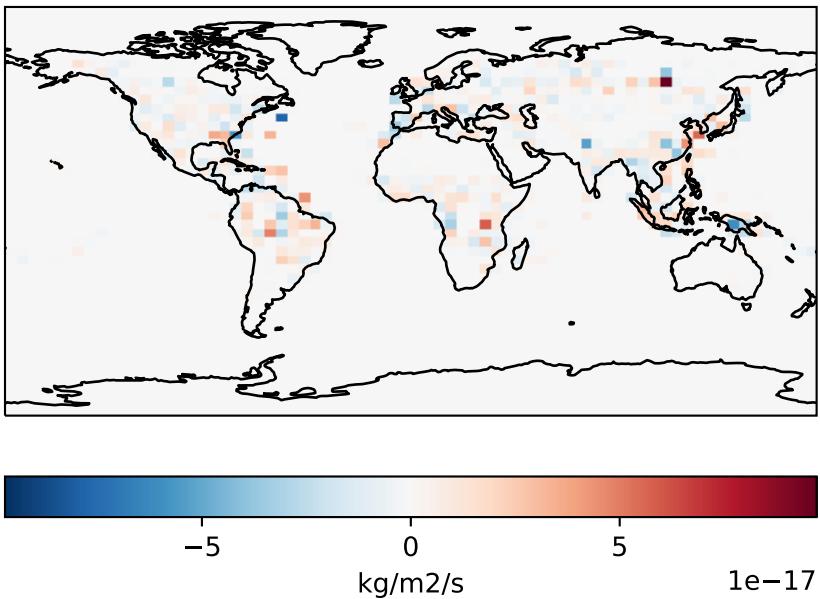
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



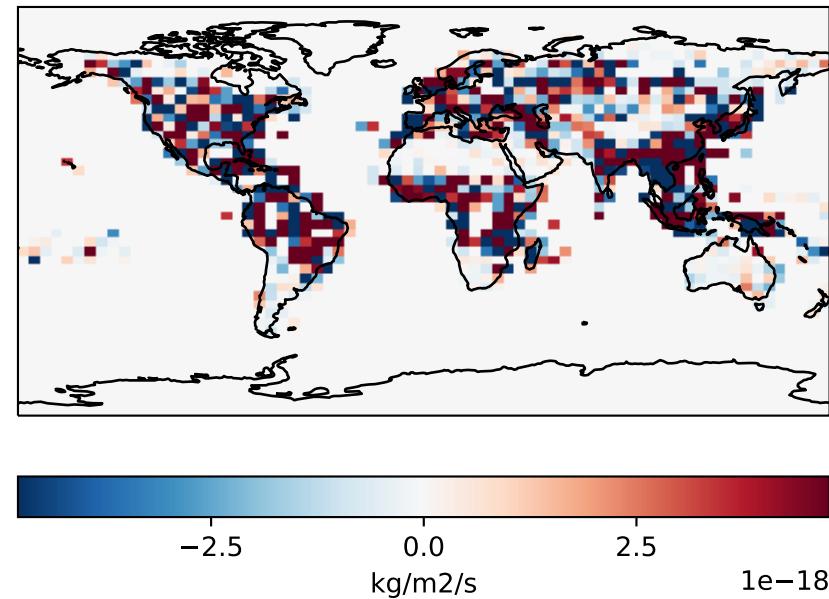
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



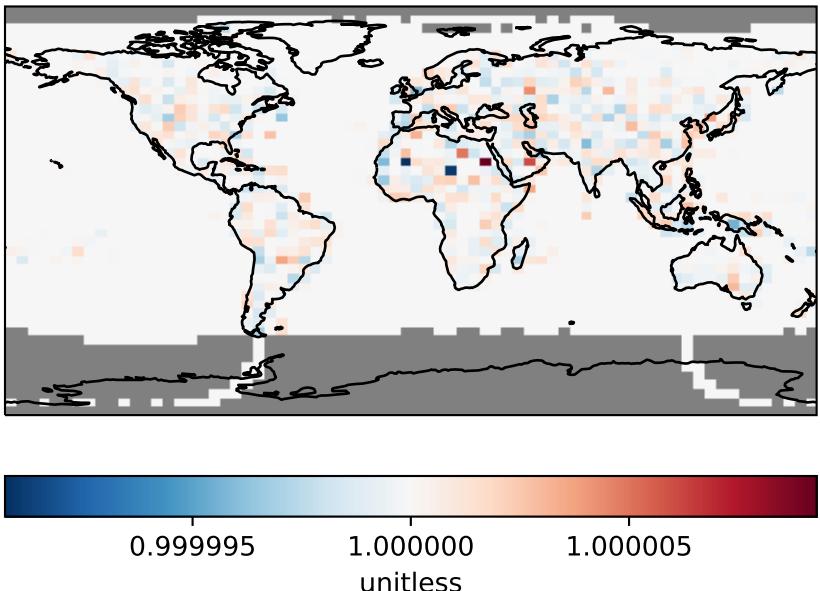
Difference
Dev - Ref, Dynamic Range



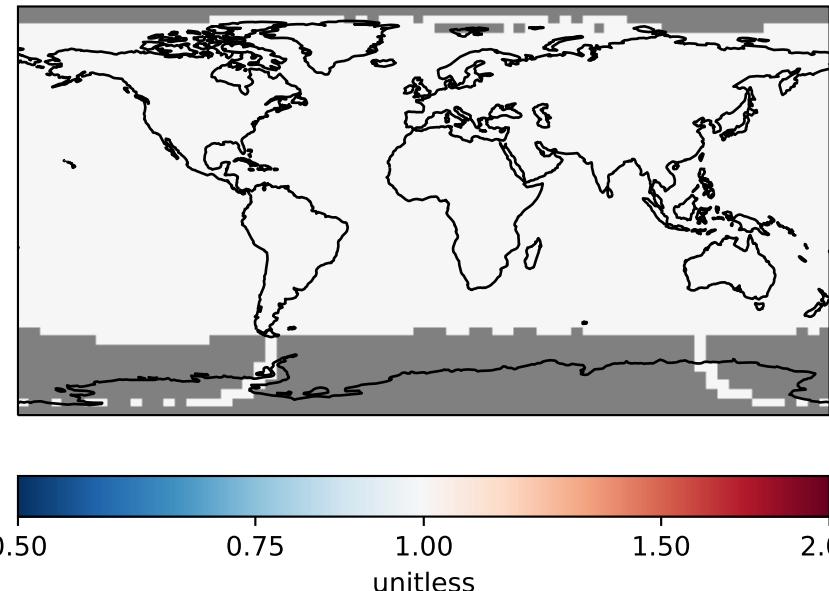
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

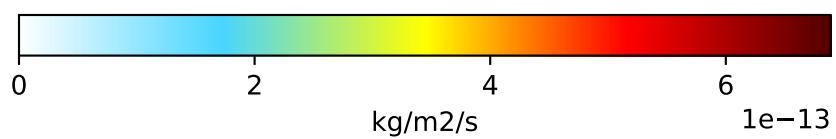
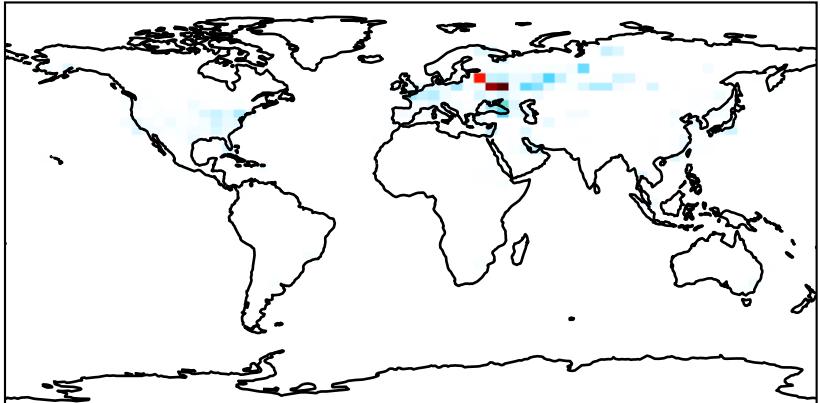


Ratio
Dev/Ref, Fixed Range

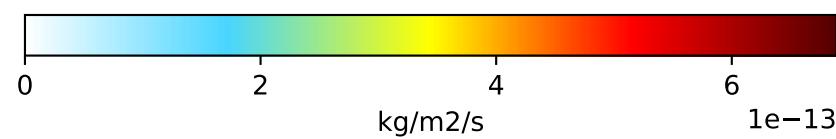
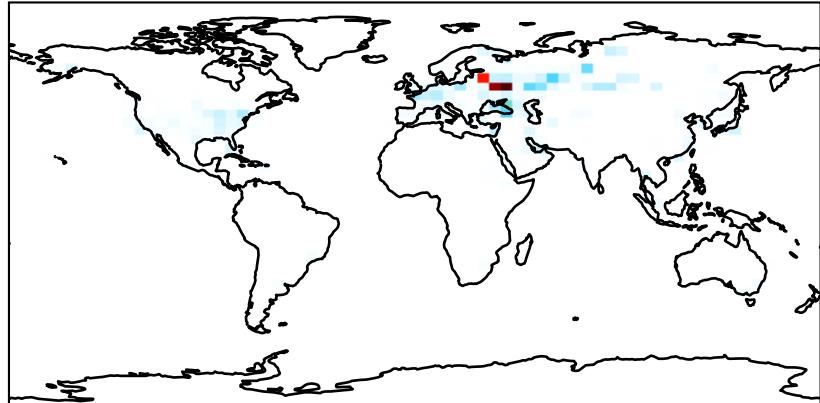


EmisCH2O_Aircraft

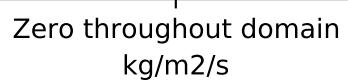
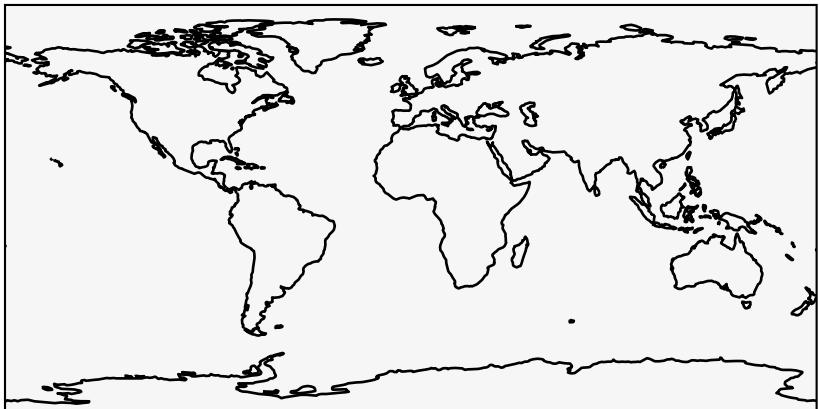
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



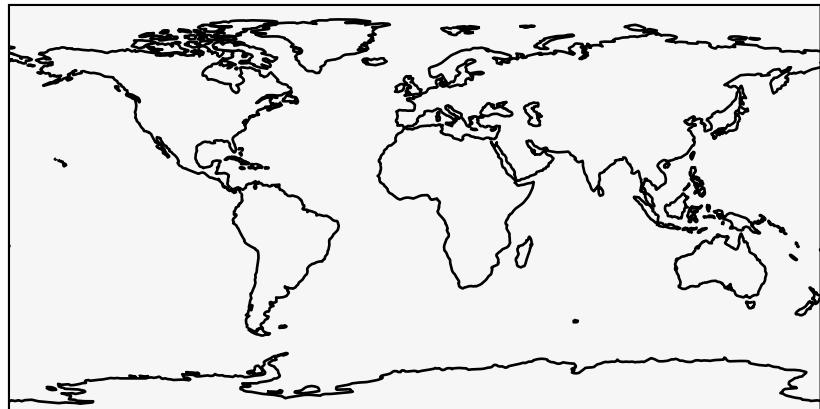
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



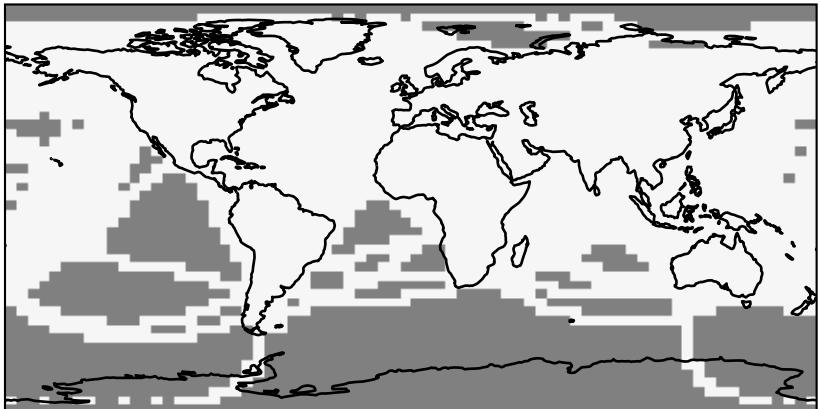
Difference
Dev - Ref, Dynamic Range



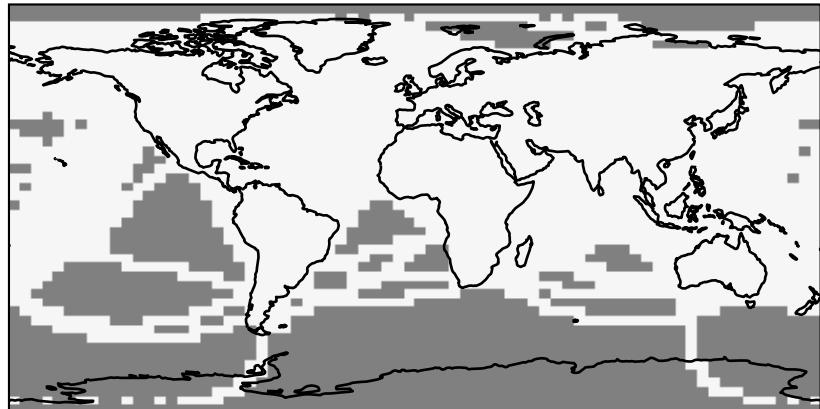
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

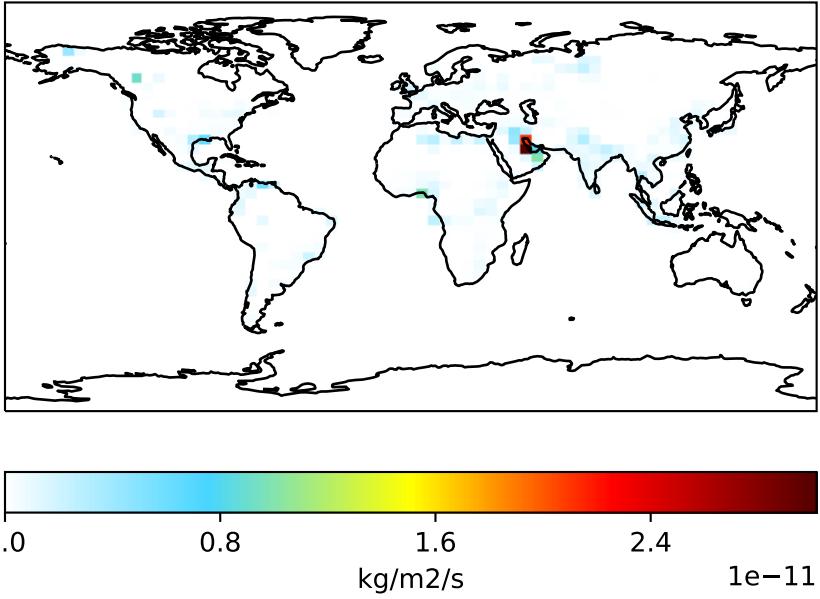


Ratio
Dev/Ref, Fixed Range

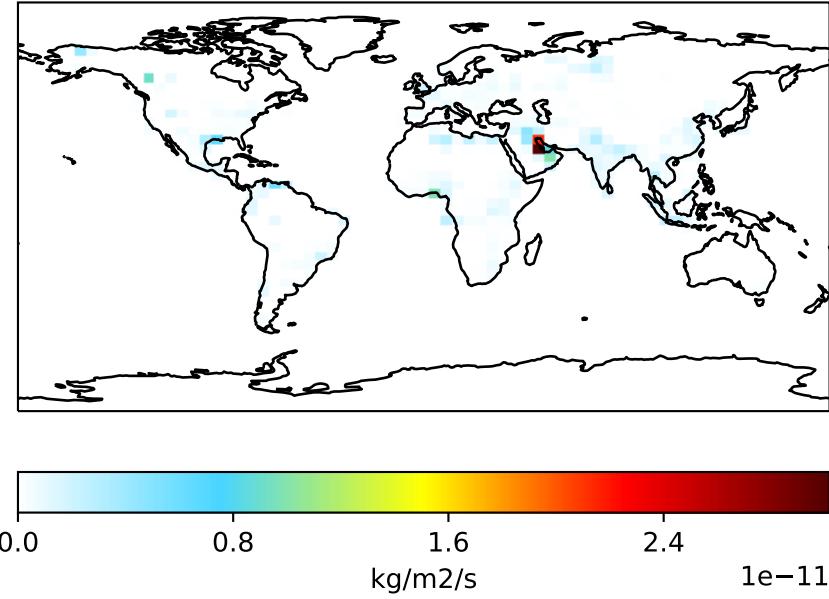


EmisCH2O_Anthro

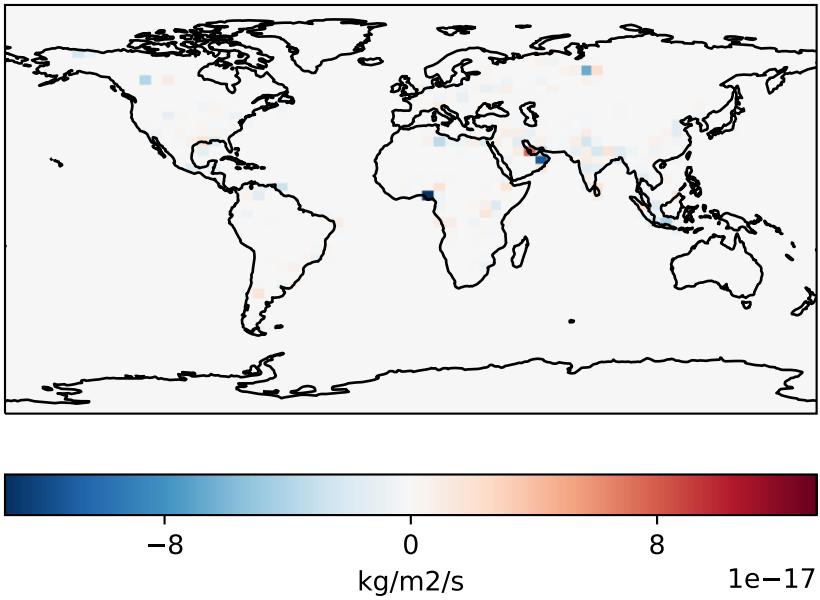
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



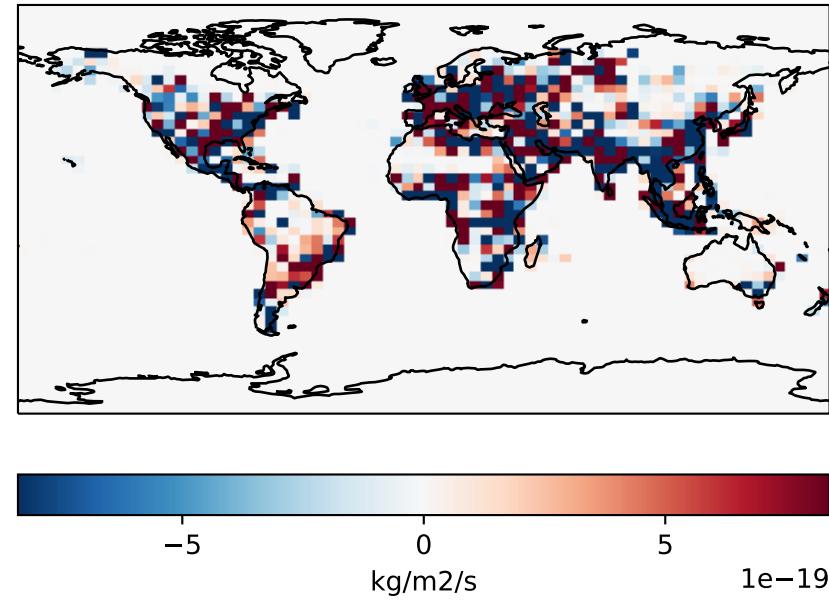
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



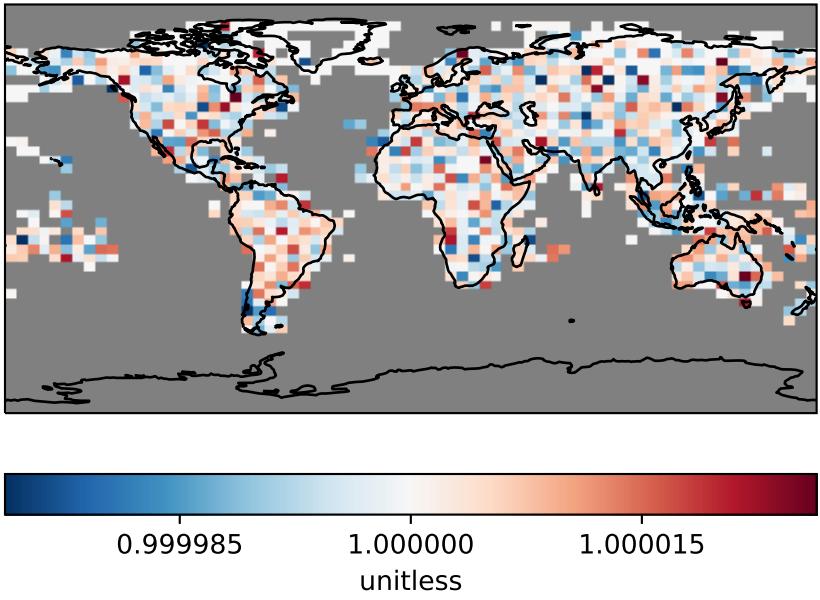
Difference
Dev - Ref, Dynamic Range



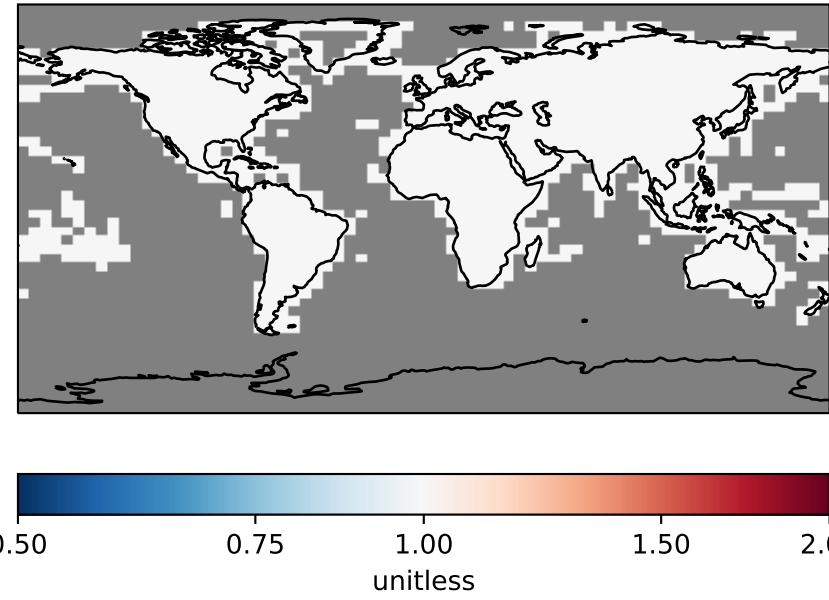
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

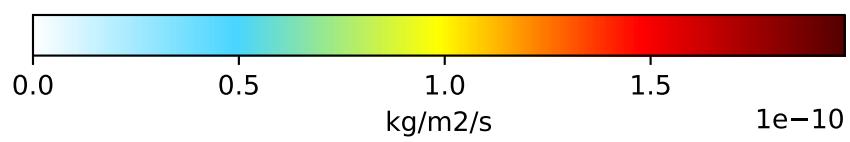
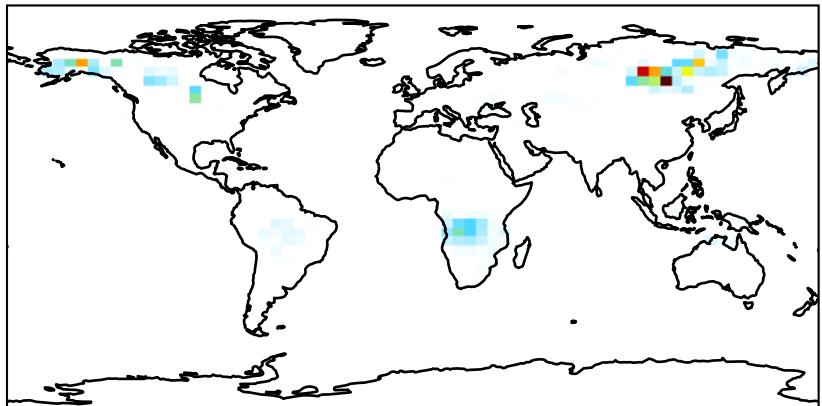


Ratio
Dev/Ref, Fixed Range

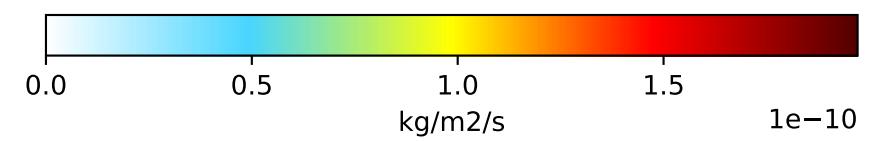
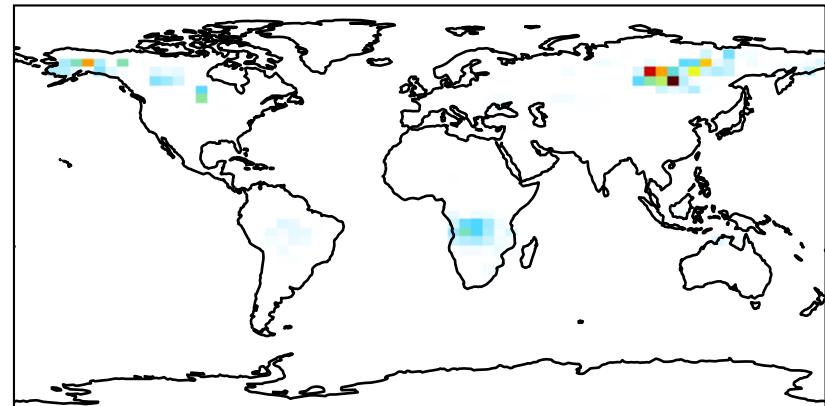


EmisCH2O_BioBurn

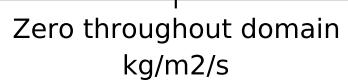
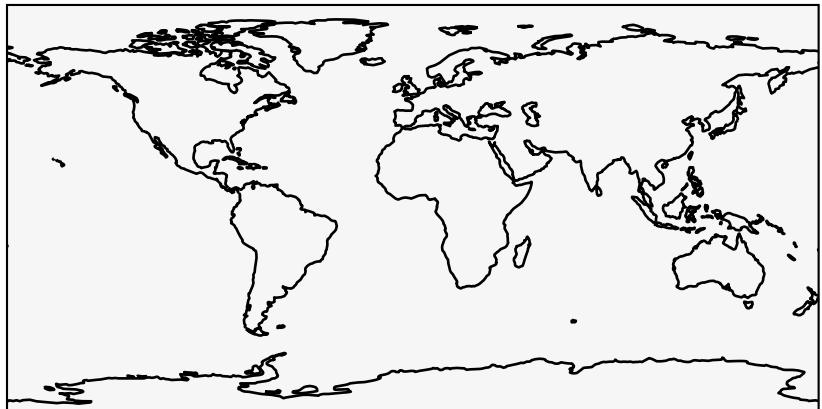
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



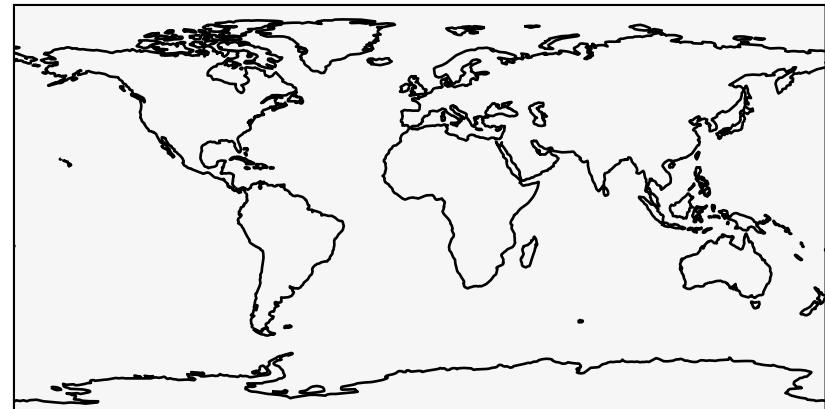
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



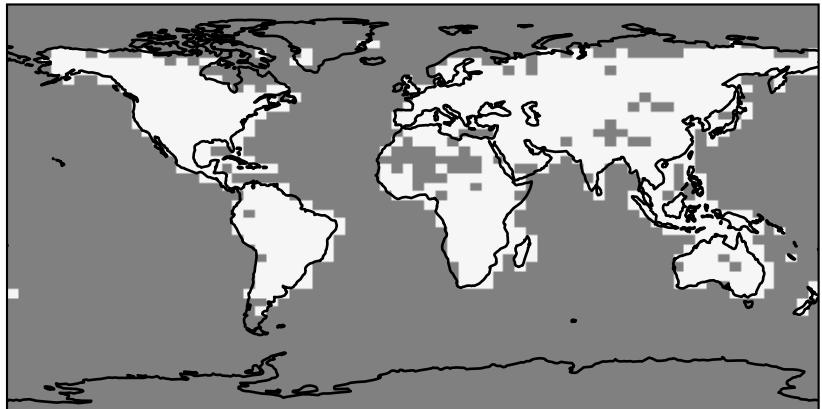
Difference
Dev - Ref, Dynamic Range



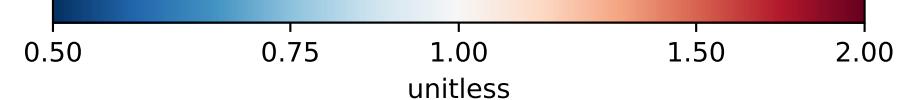
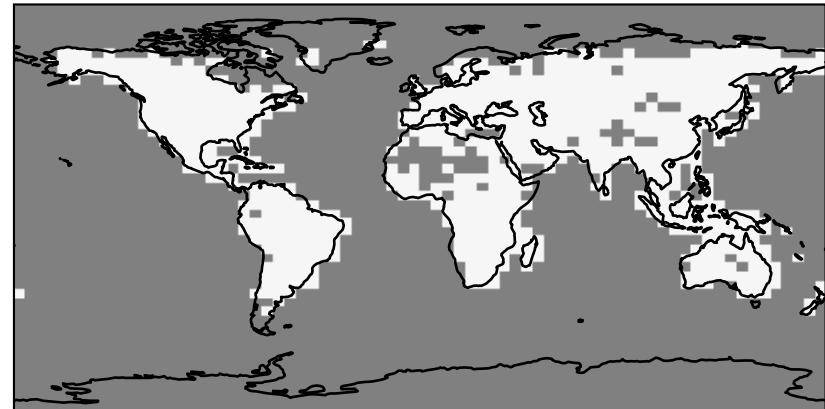
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

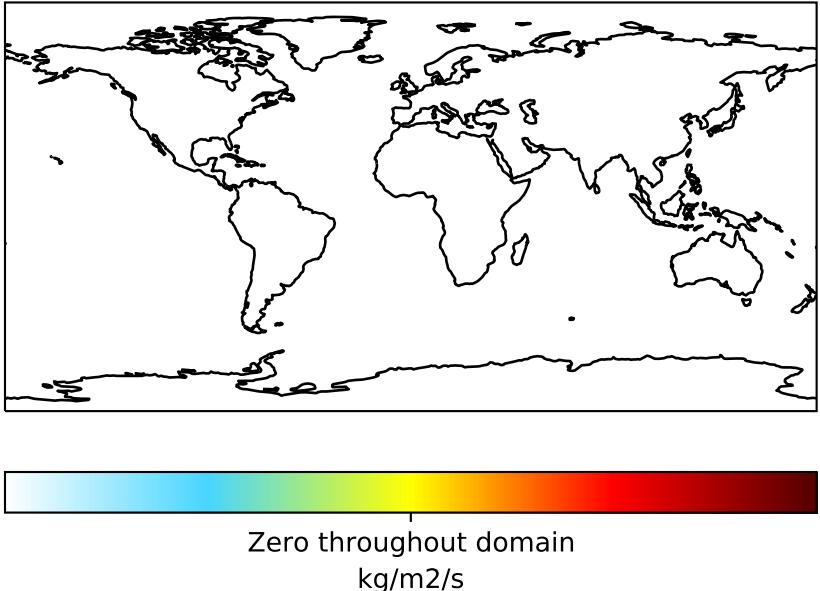


Ratio
Dev/Ref, Fixed Range

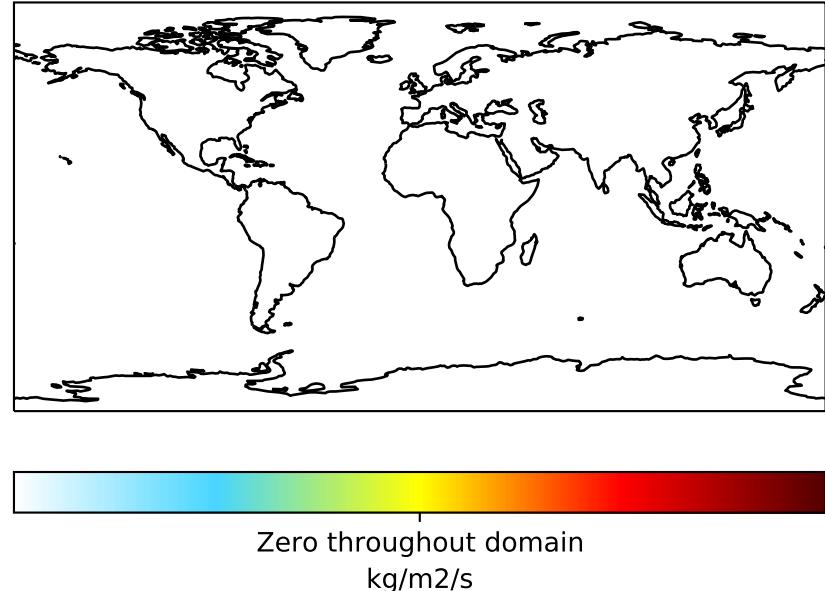


EmisCH2O_Ship

GCC_13.0.0-rc.2 (Ref)
4.0x5.0



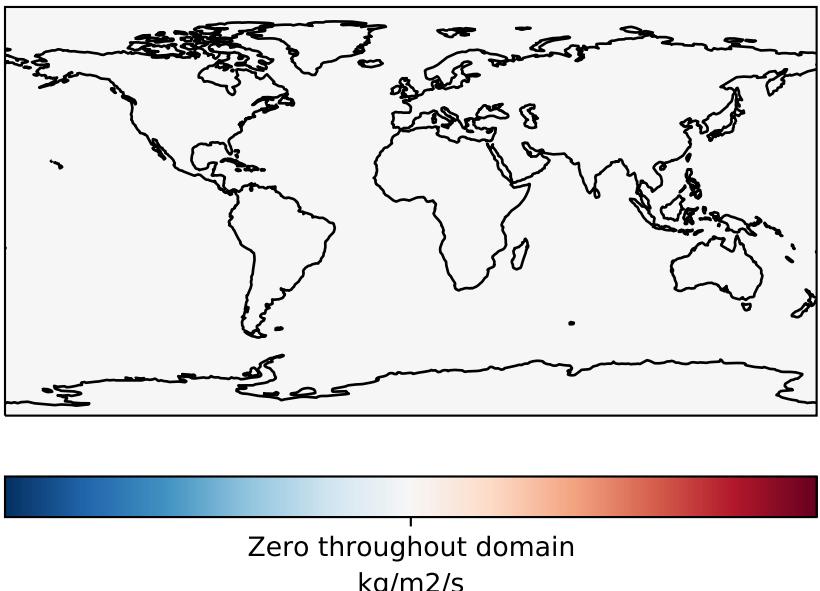
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

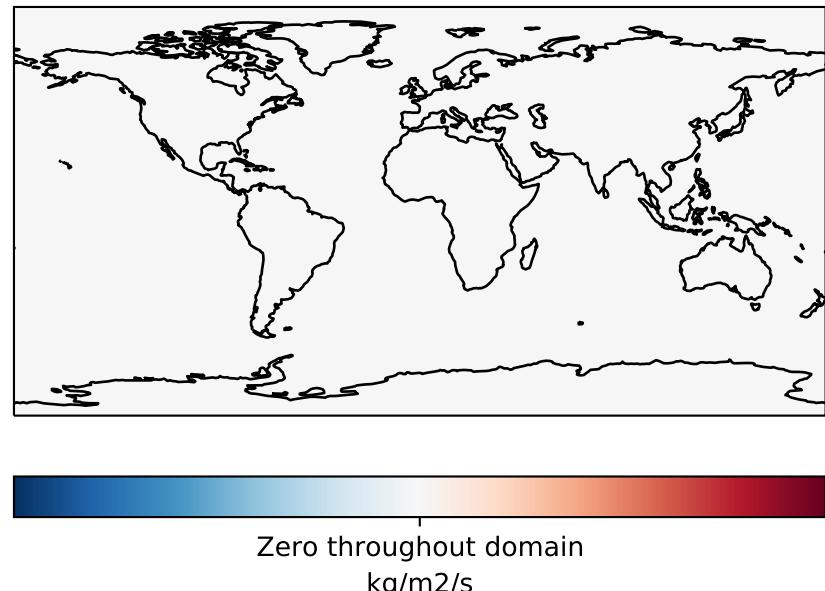
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



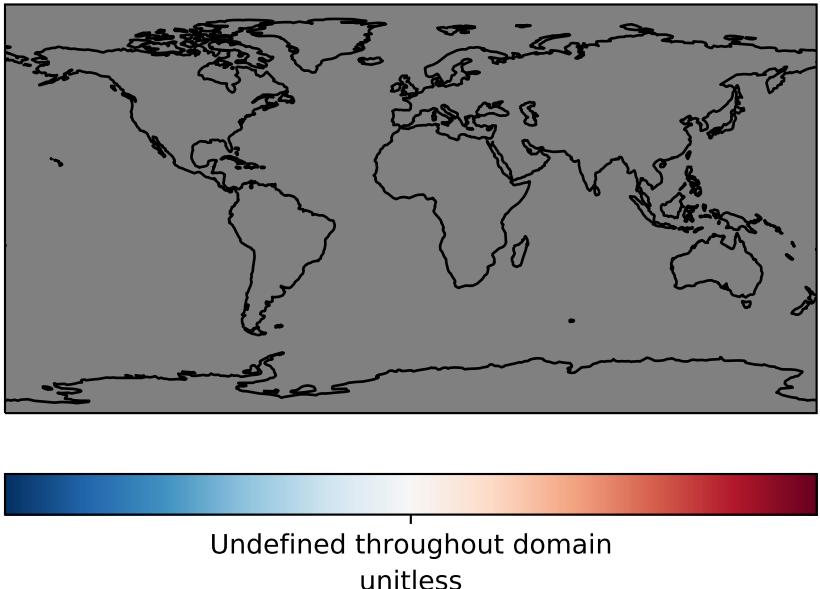
Zero throughout domain
kg/m²/s

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



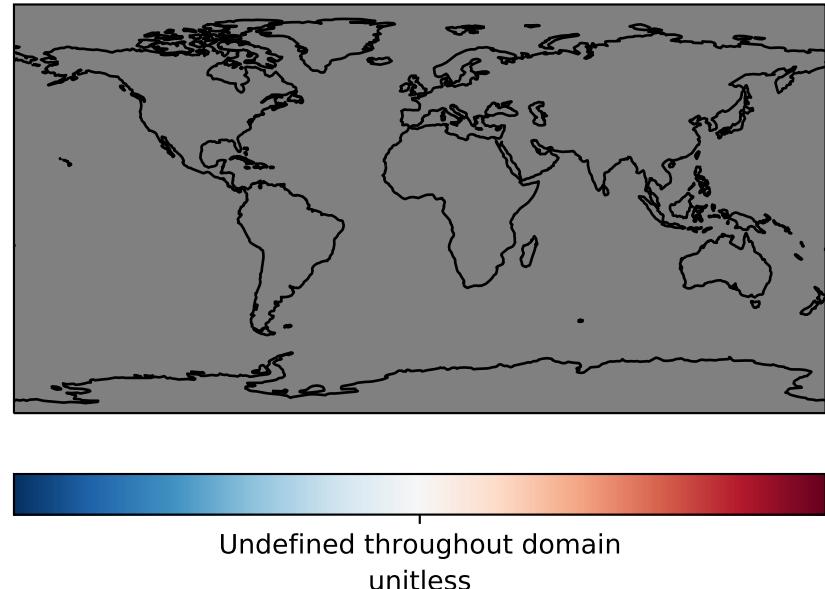
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

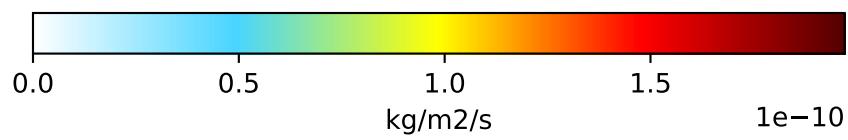
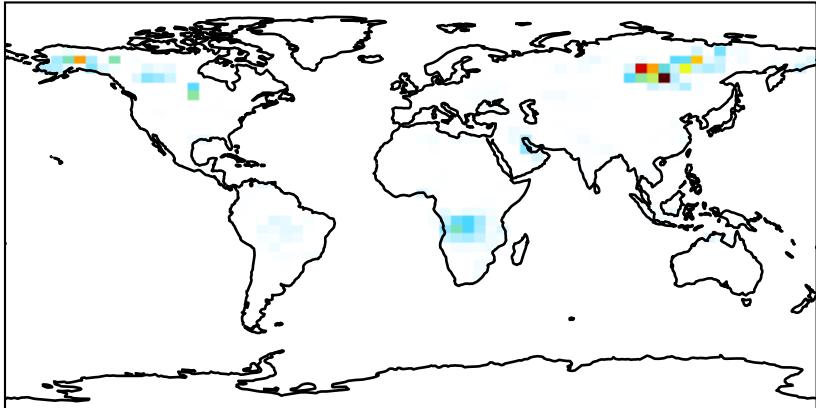
Ratio
Dev/Ref, Fixed Range



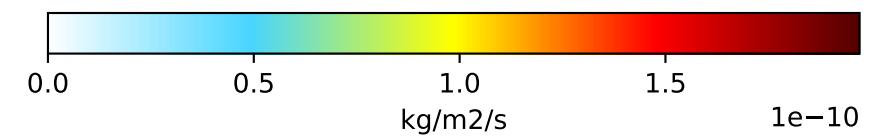
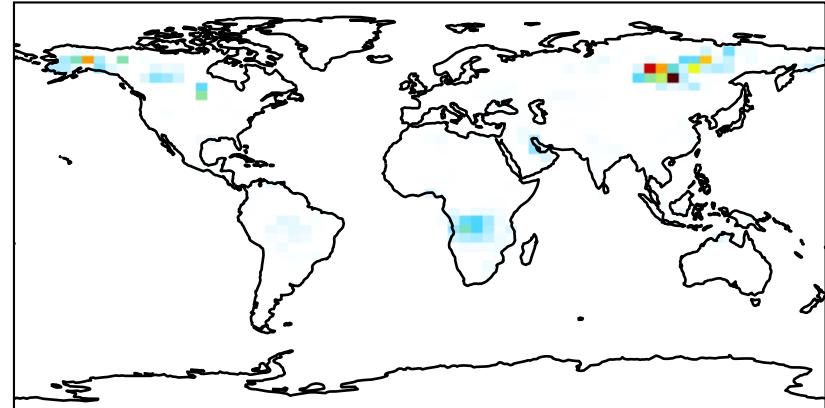
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EmisCH2O_Total

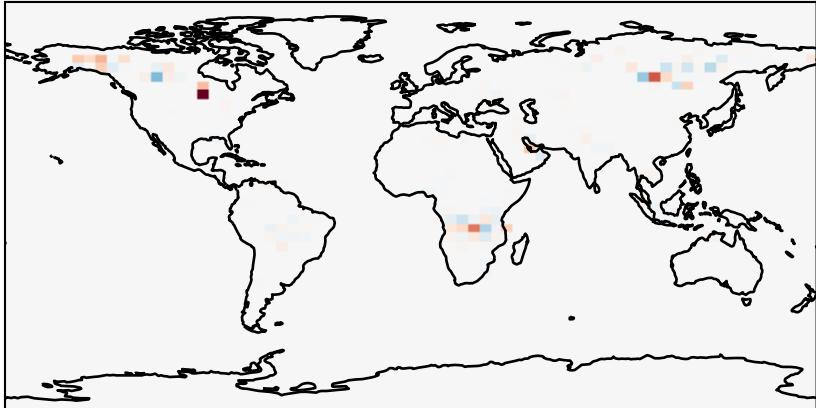
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



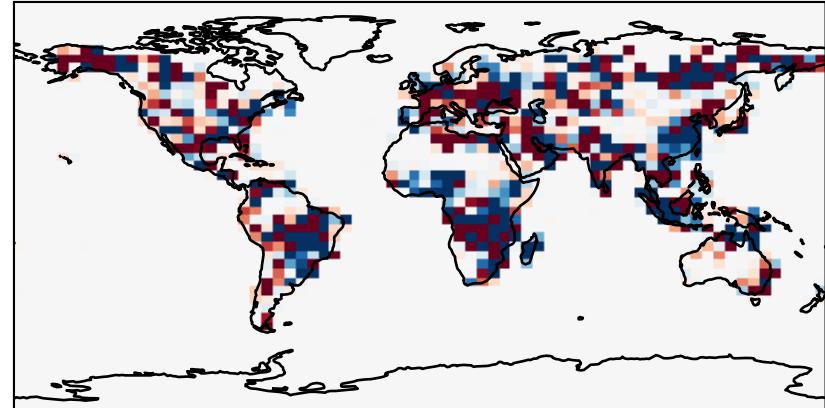
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



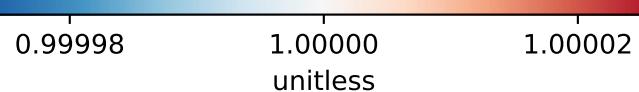
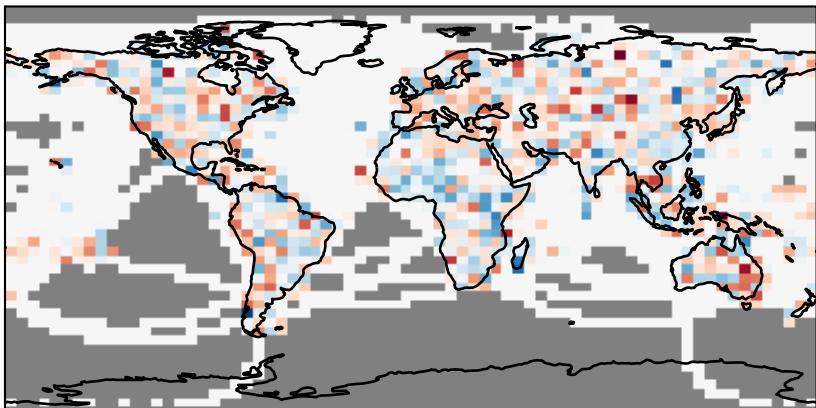
Difference
Dev - Ref, Dynamic Range



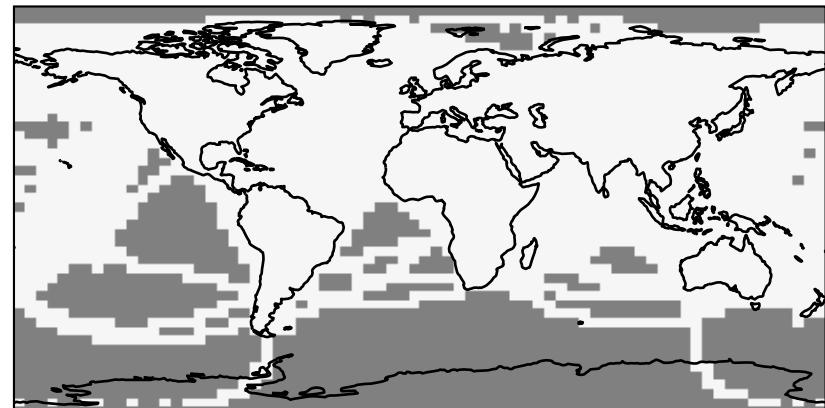
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

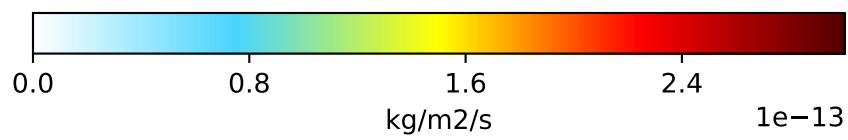
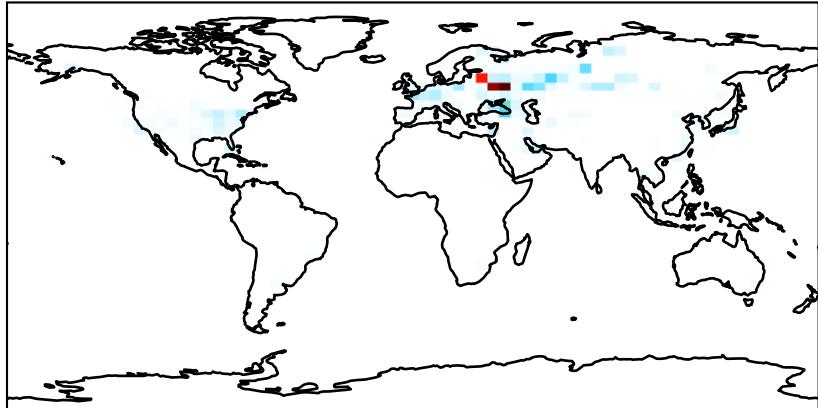


Ratio
Dev/Ref, Fixed Range

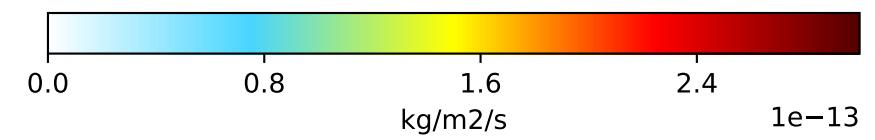
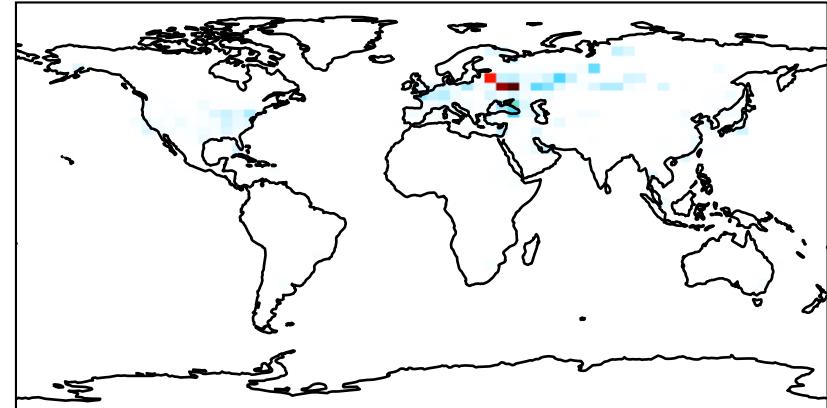


EmisMACR_Aircraft

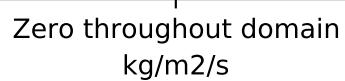
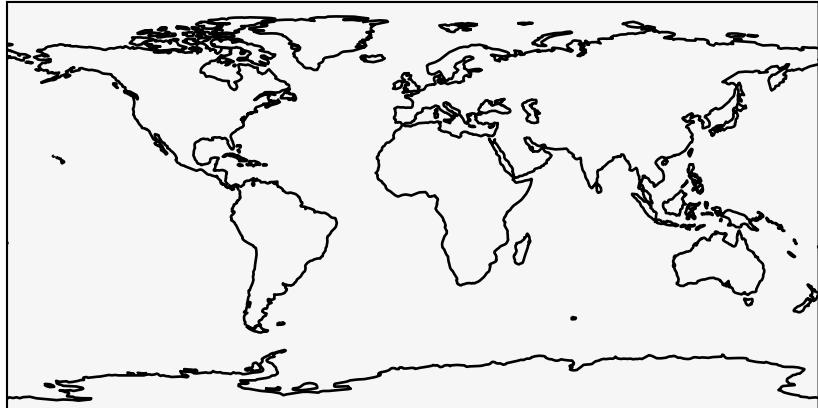
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



GCC_13.1.0-beta.1 (Dev)
4.0x5.0



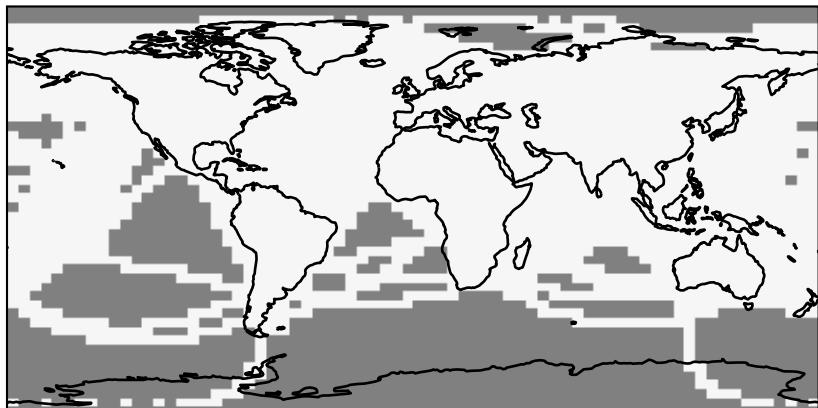
Difference
Dev - Ref, Dynamic Range



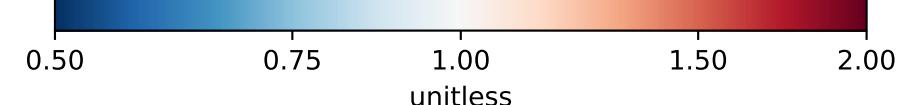
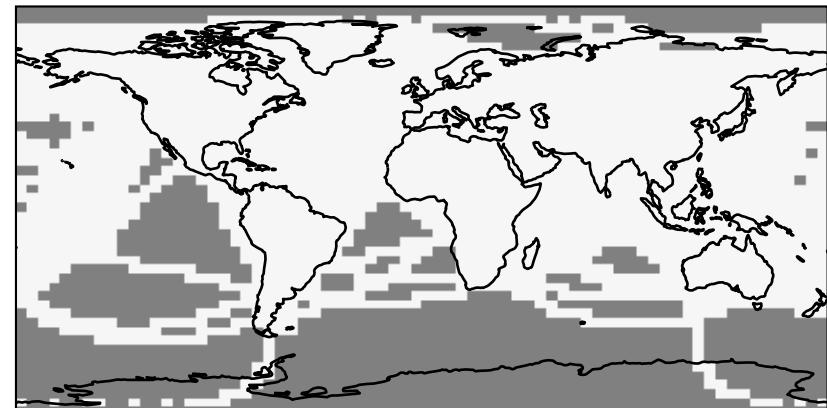
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

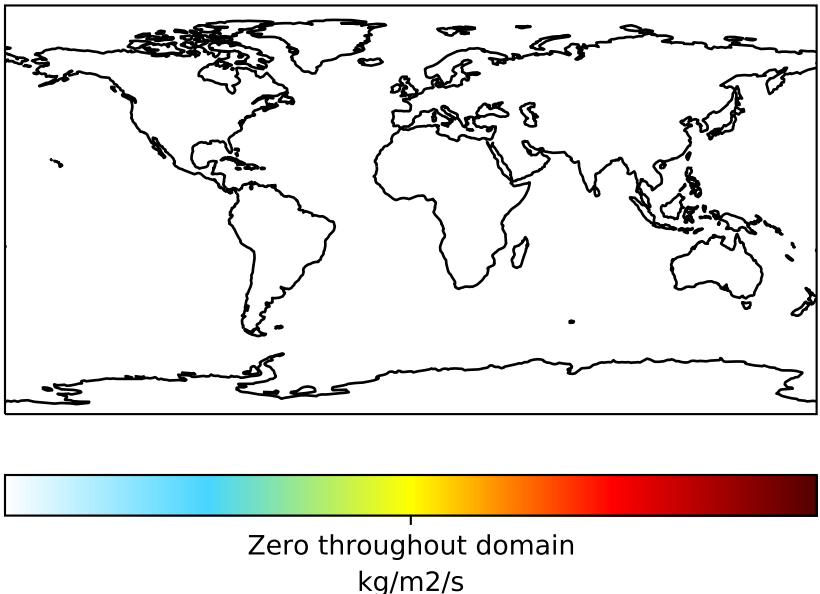


Ratio
Dev/Ref, Fixed Range

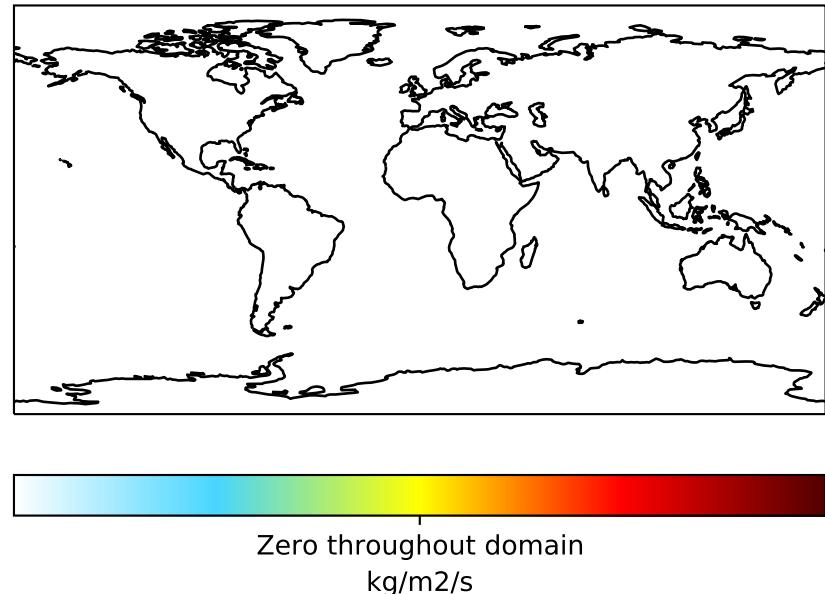


EmisMACR_Anthro

GCC_13.0.0-rc.2 (Ref)
4.0x5.0



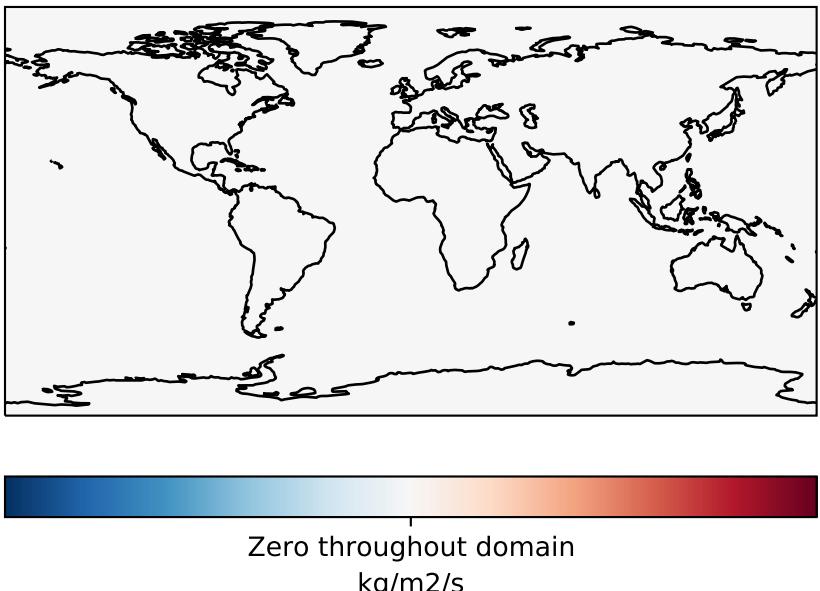
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

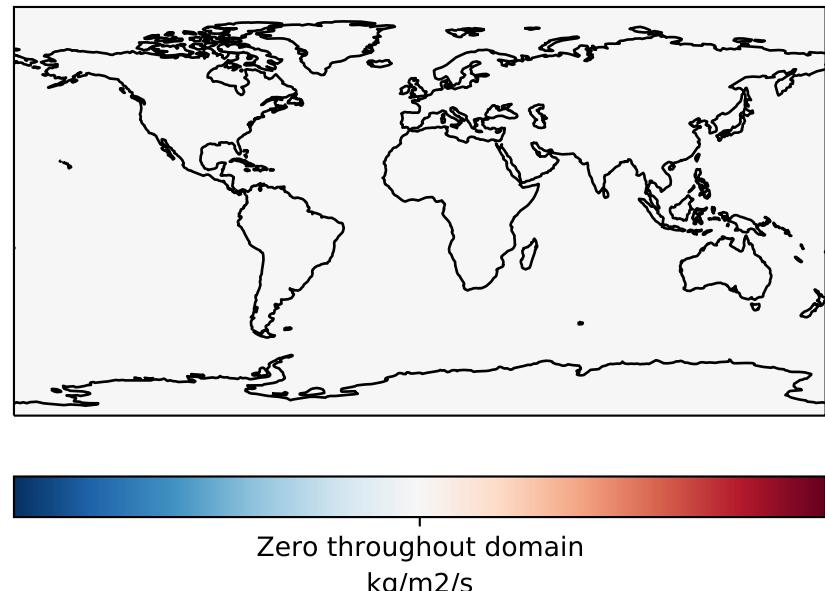
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



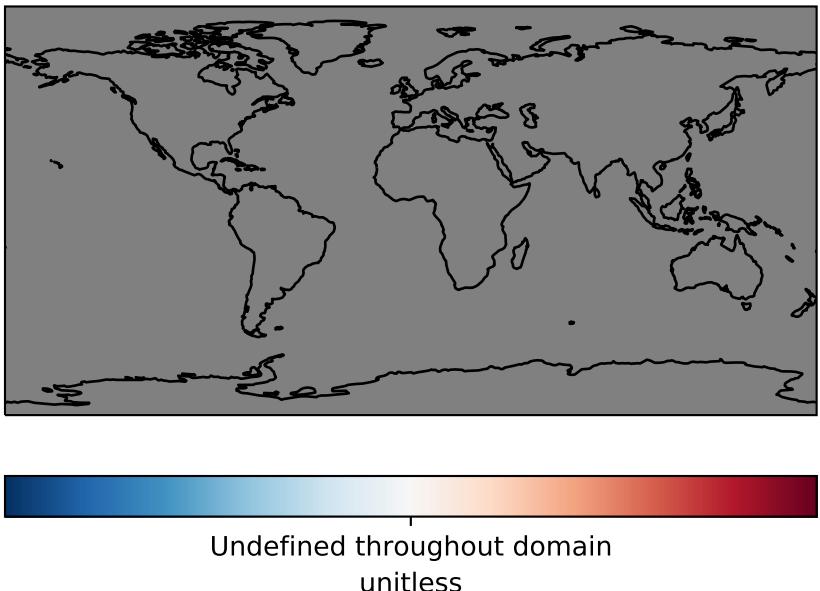
Zero throughout domain
kg/m²/s

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



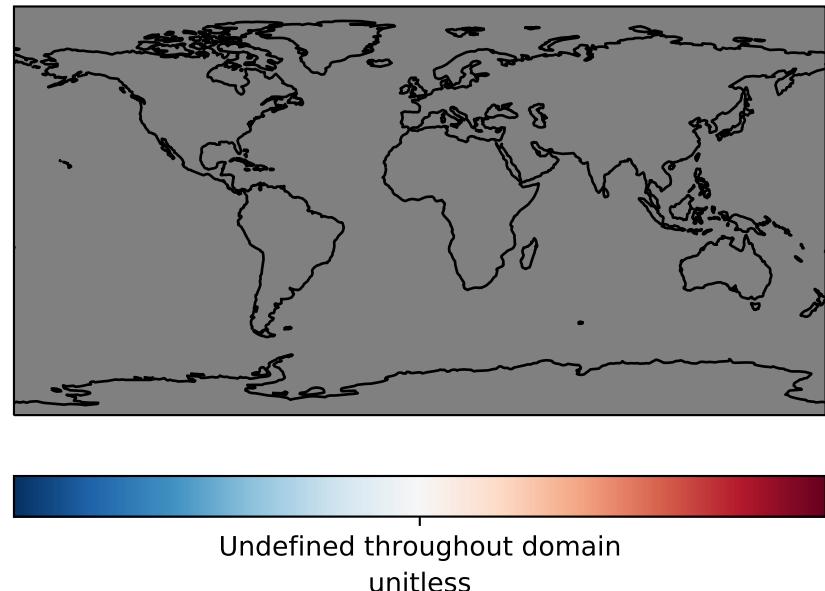
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
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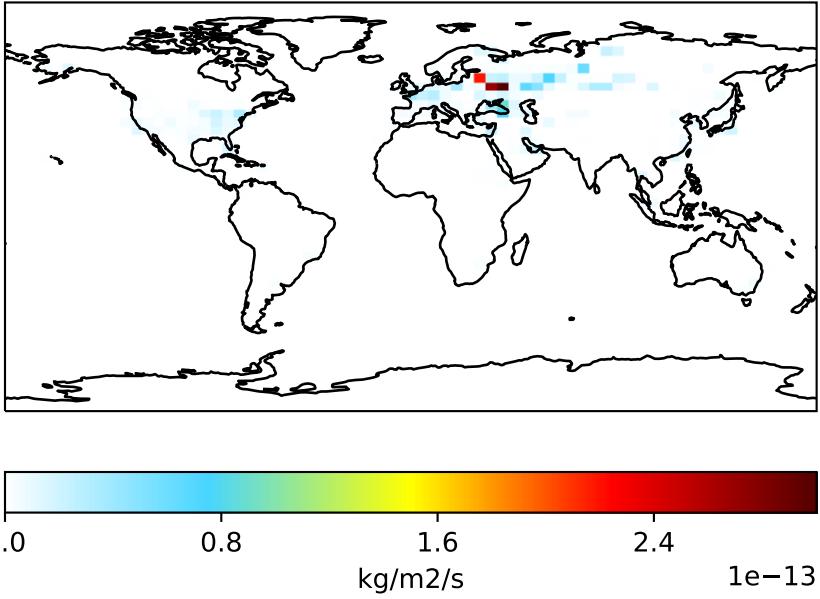
Ratio
Dev/Ref, Fixed Range



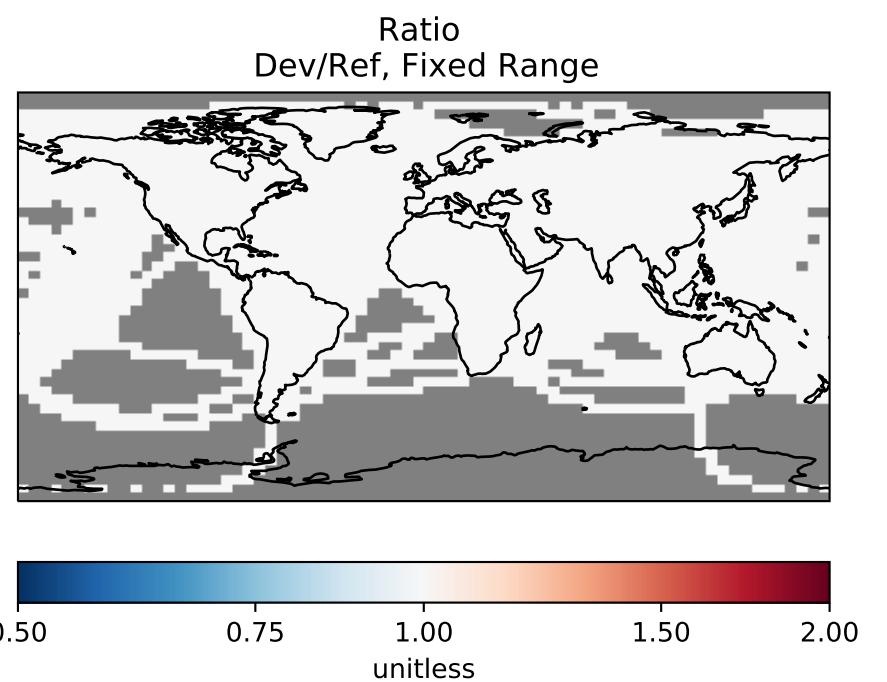
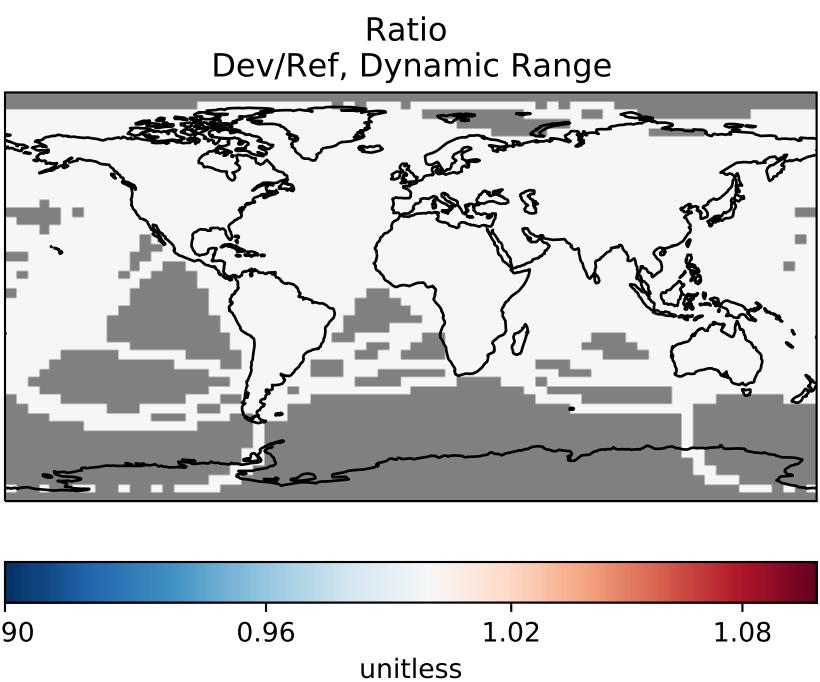
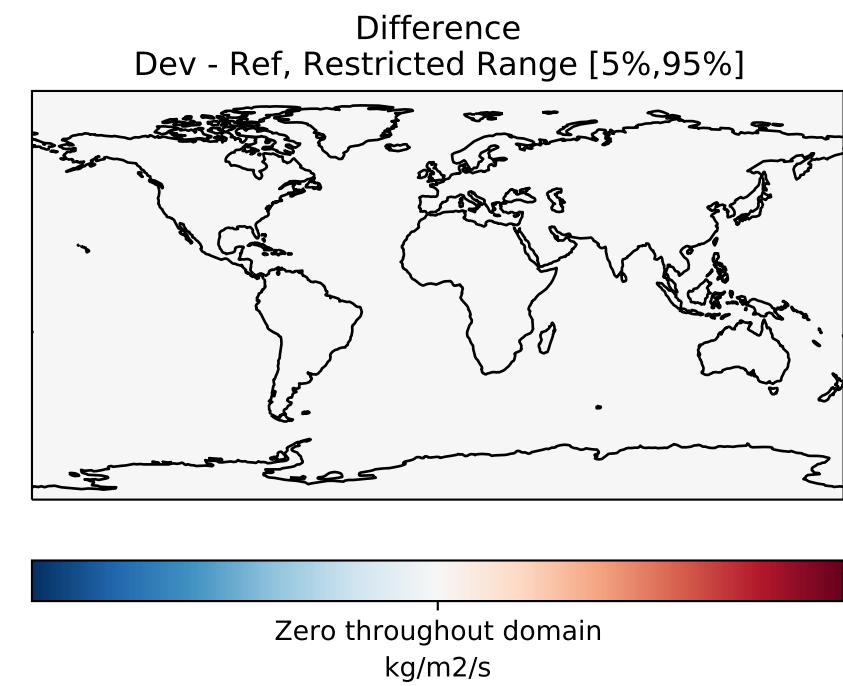
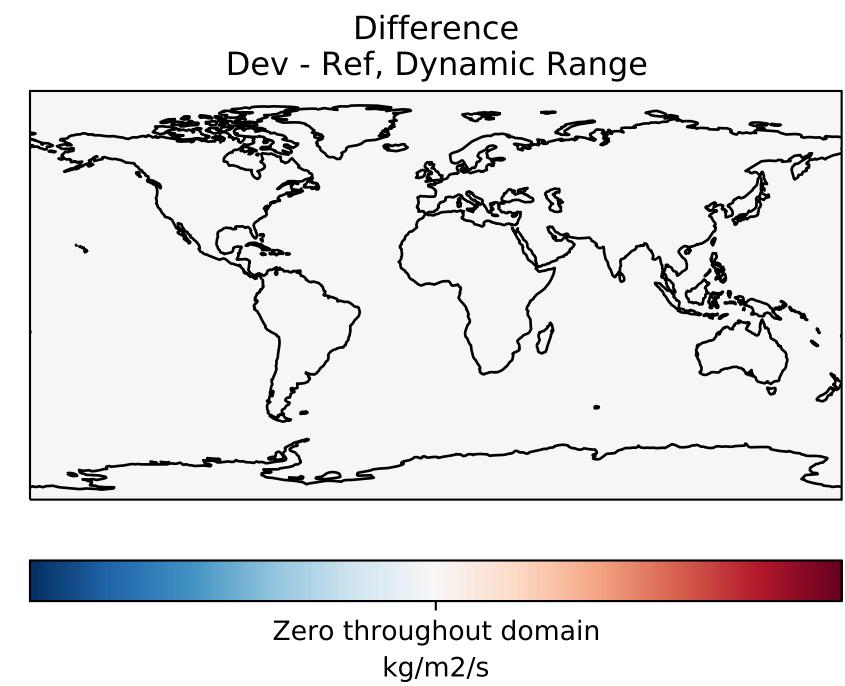
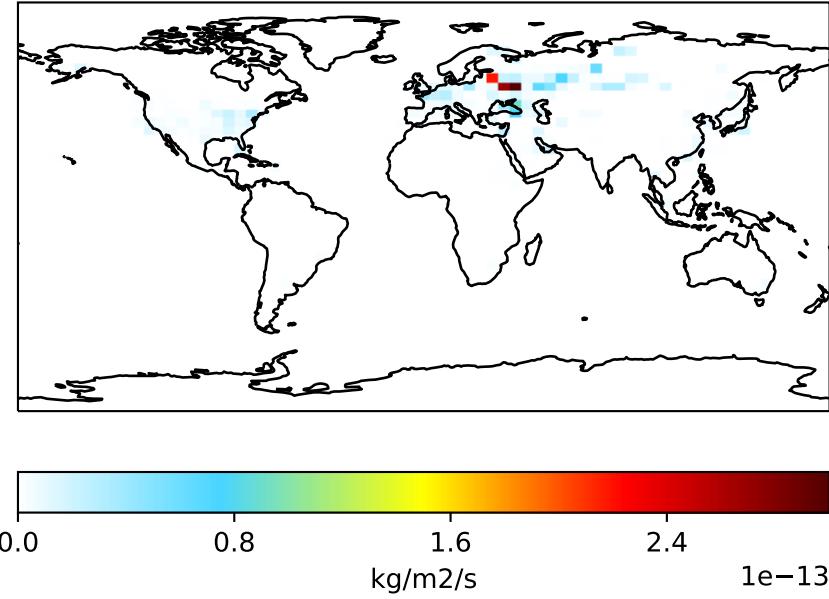
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EmisMACR_Total

GCC_13.0.0-rc.2 (Ref)
4.0x5.0

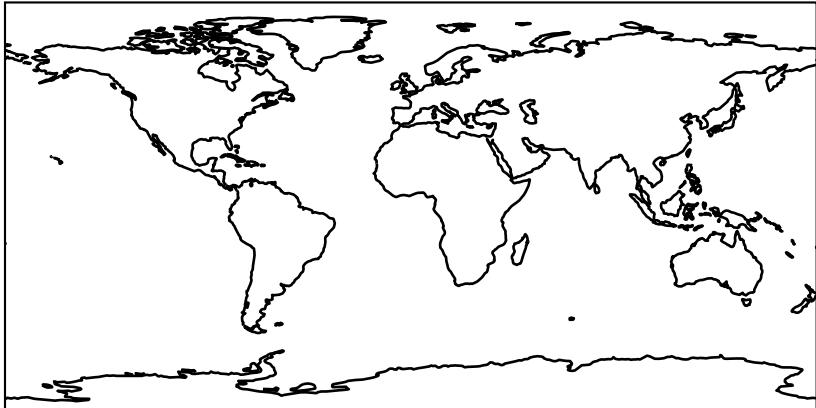


GCC_13.1.0-beta.1 (Dev)
4.0x5.0



EmisACET_Anthro

GCC_13.0.0-rc.2 (Ref)
4.0x5.0



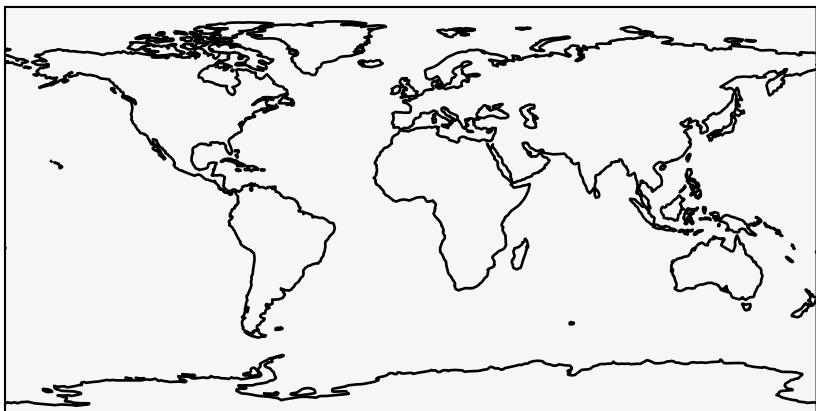
Zero throughout domain
kg/m²/s

GCC_13.1.0-beta.1 (Dev)
4.0x5.0



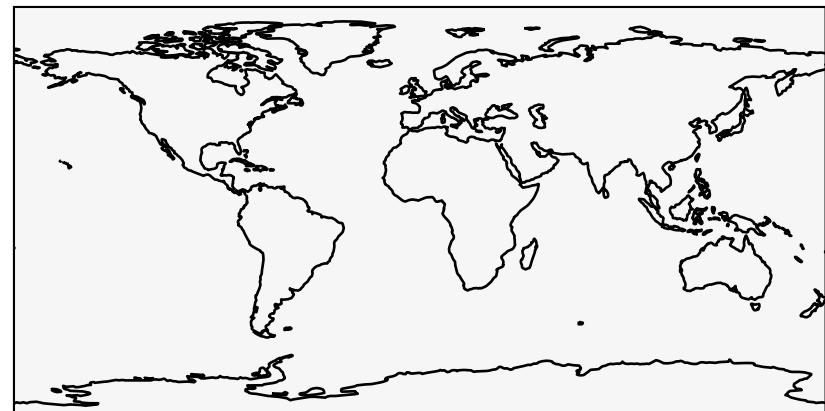
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



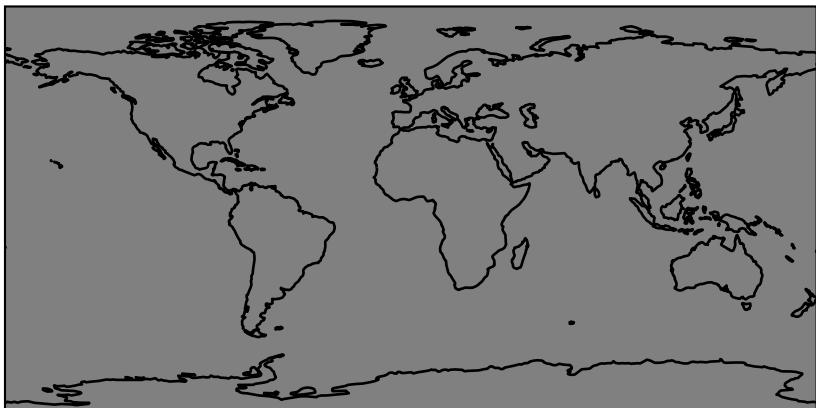
Zero throughout domain
kg/m²/s

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



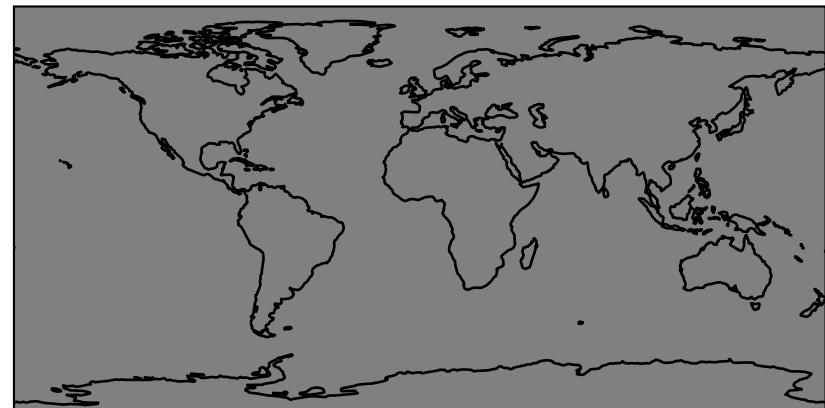
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



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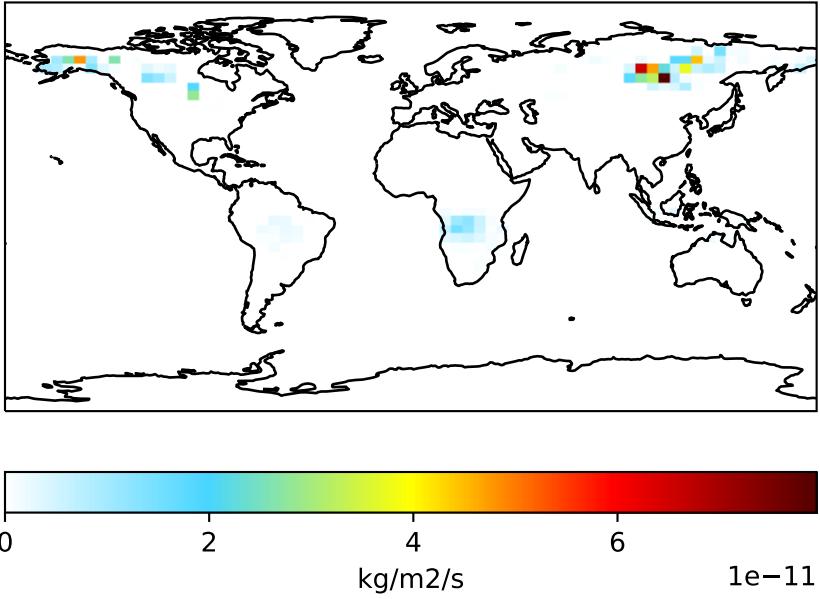
Ratio
Dev/Ref, Fixed Range



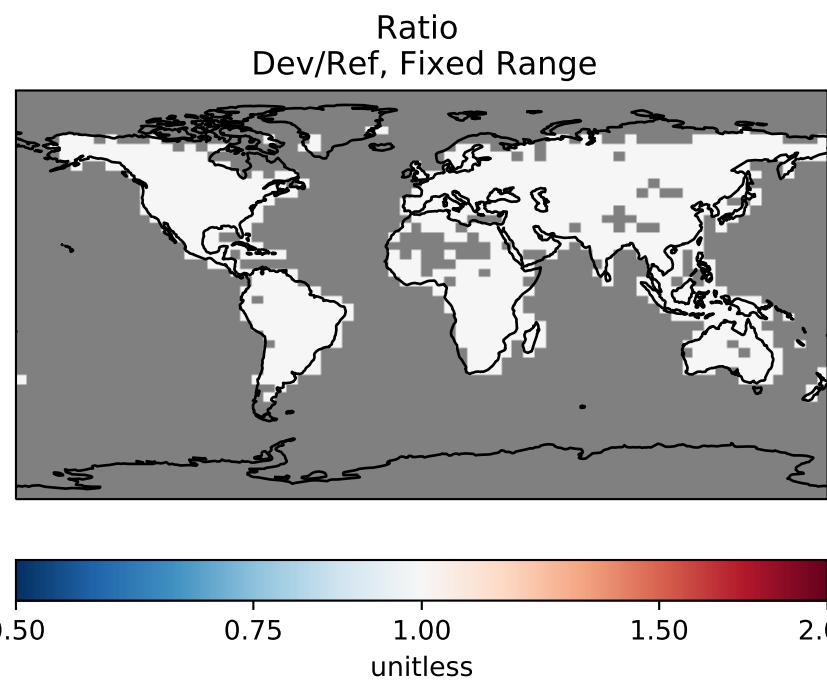
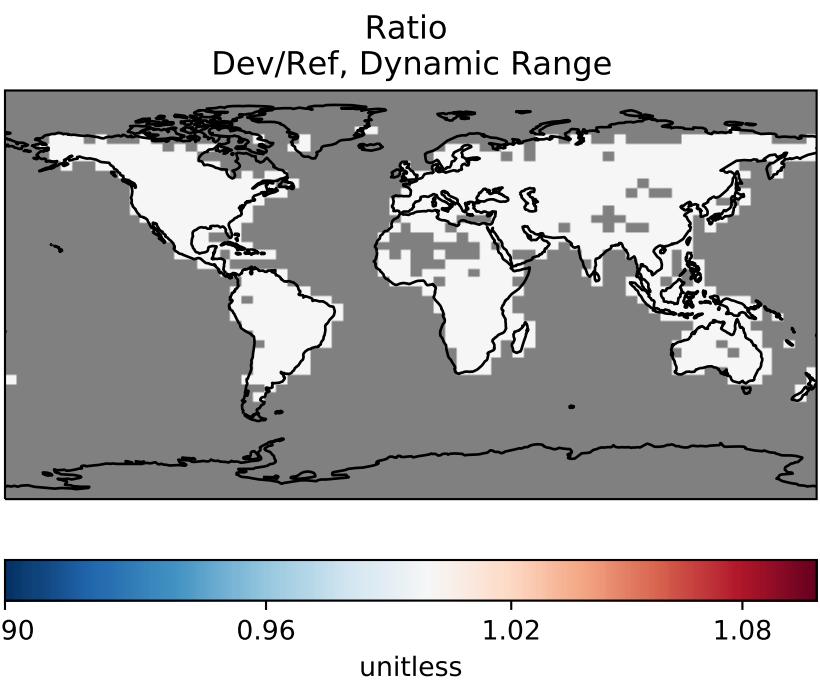
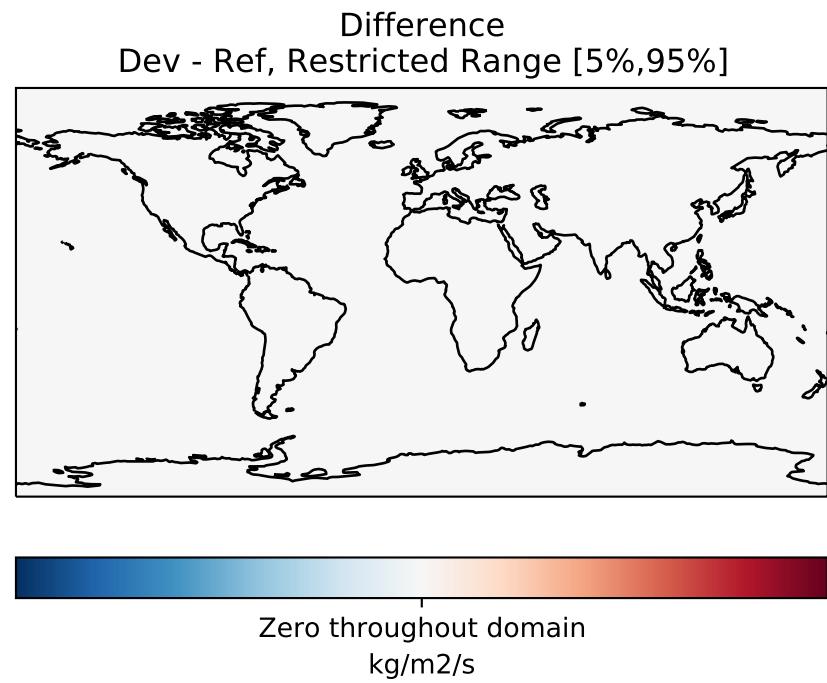
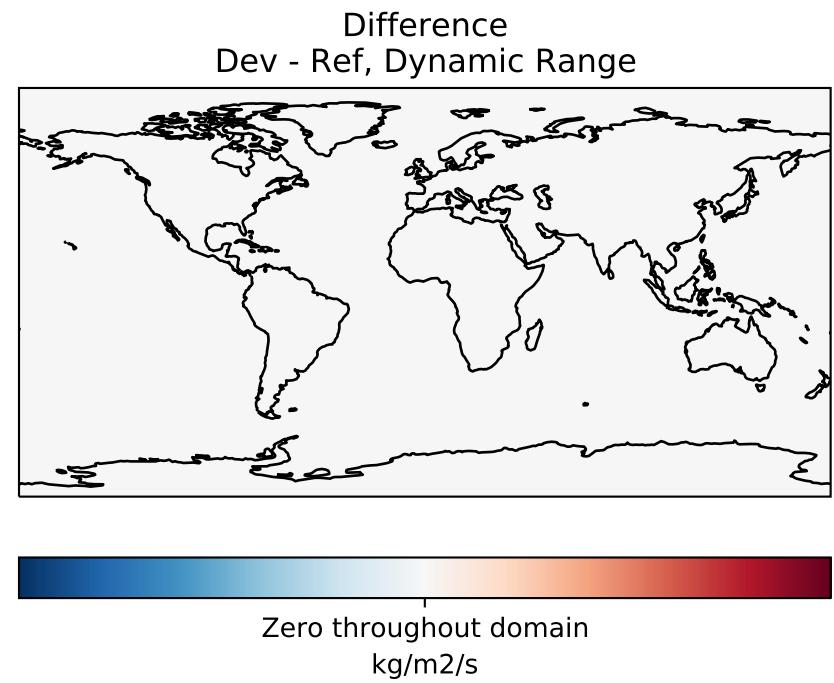
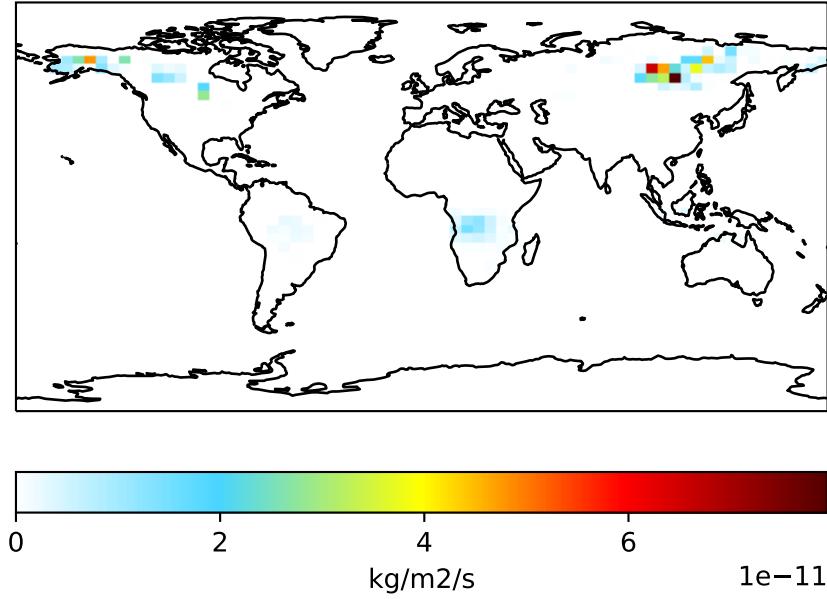
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EmisACET_BioBurn

GCC_13.0.0-rc.2 (Ref)
4.0x5.0

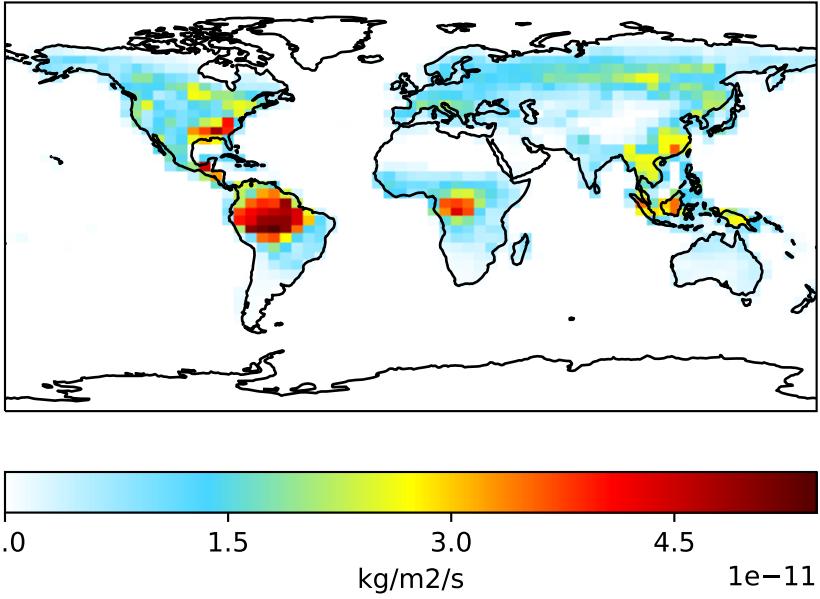


GCC_13.1.0-beta.1 (Dev)
4.0x5.0

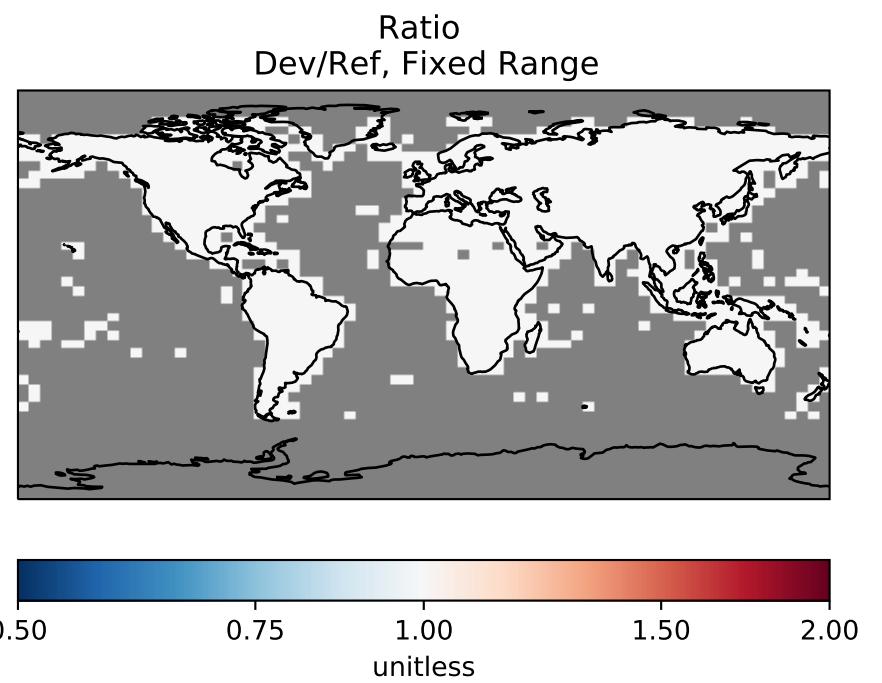
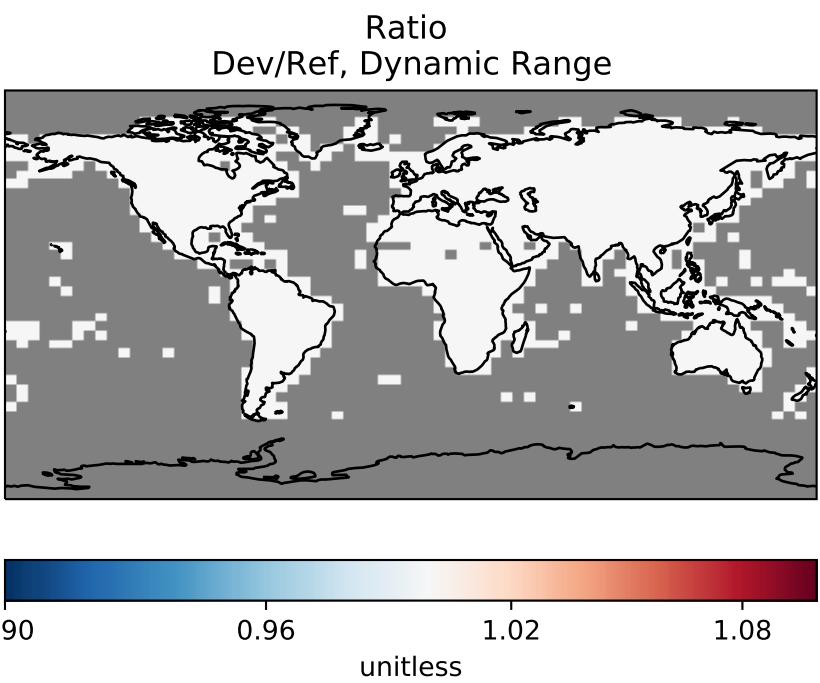
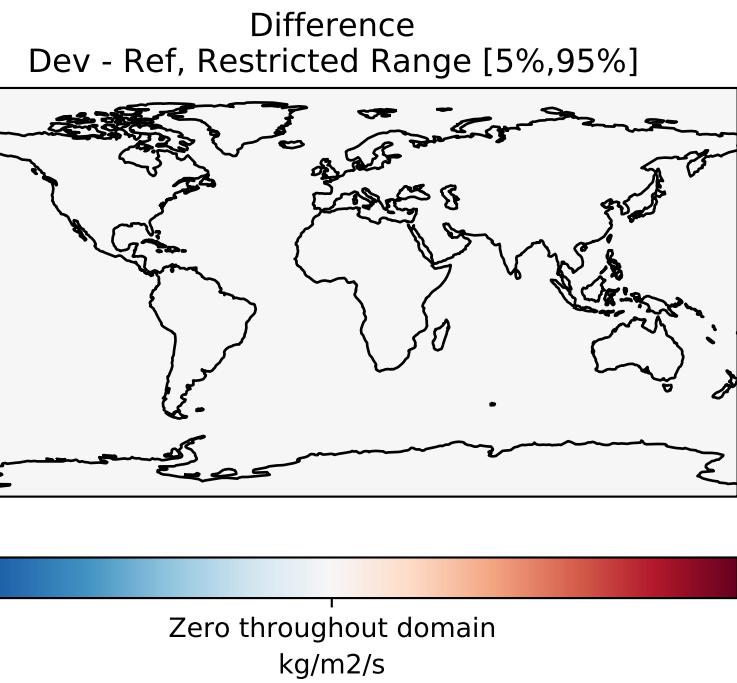
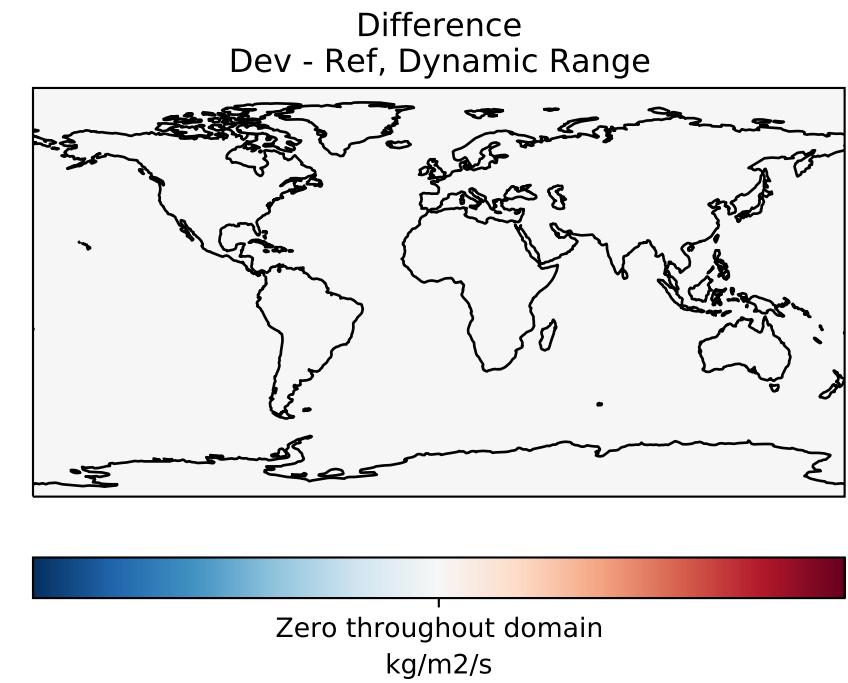
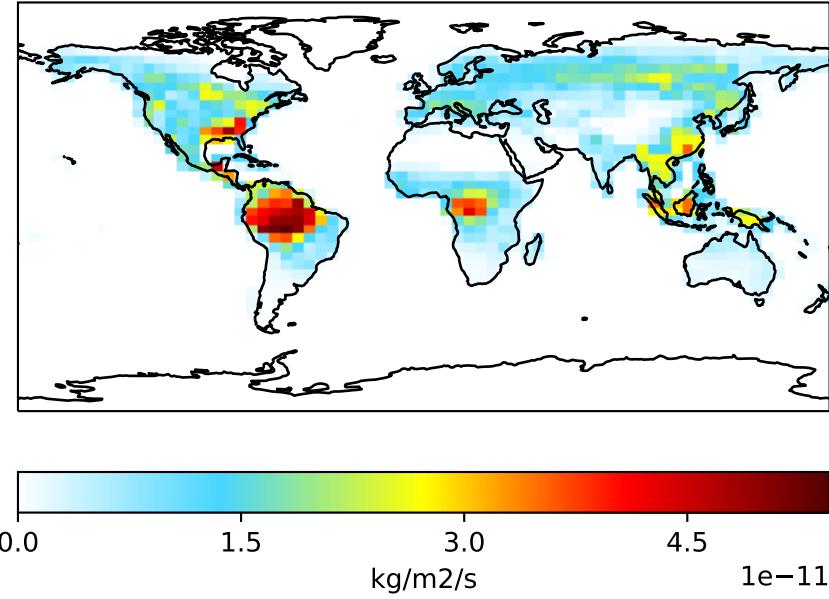


EmisACET_Biogenic

GCC_13.0.0-rc.2 (Ref)
4.0x5.0

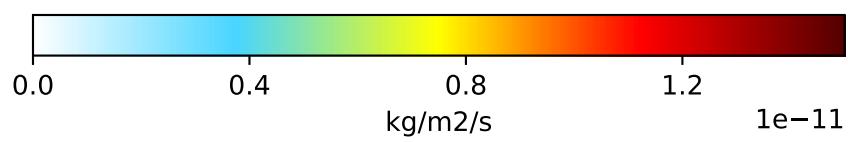
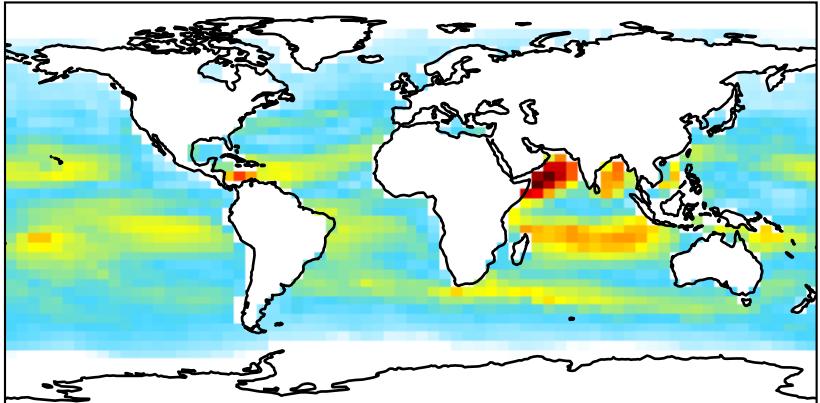


GCC_13.1.0-beta.1 (Dev)
4.0x5.0

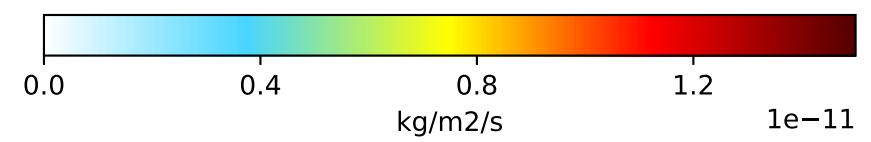
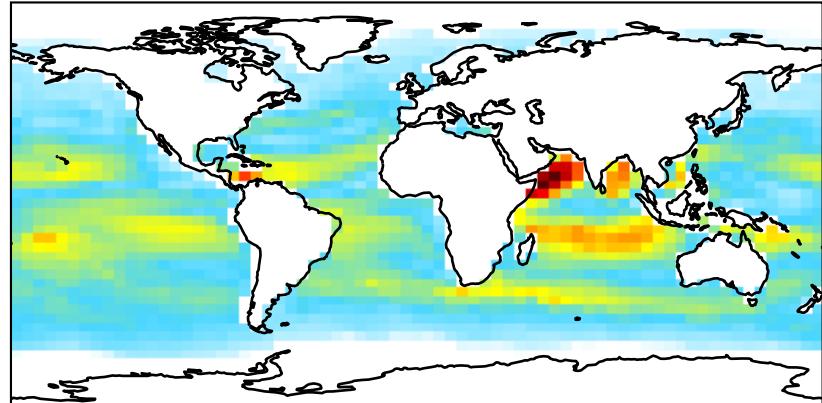


EmisACET_Ocean

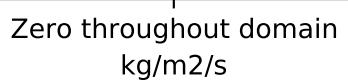
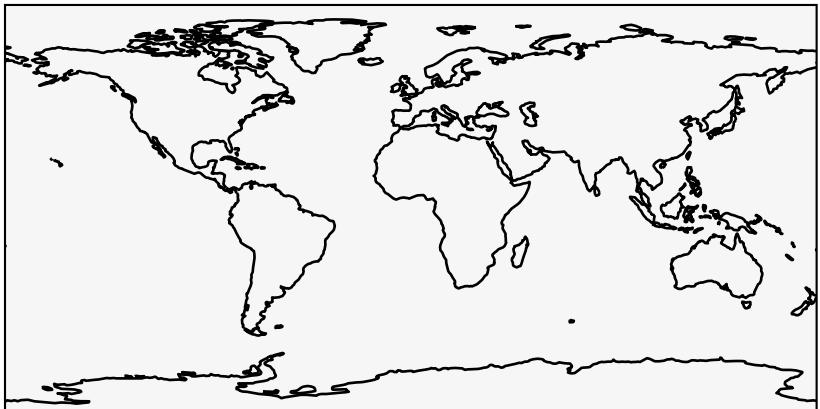
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



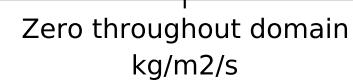
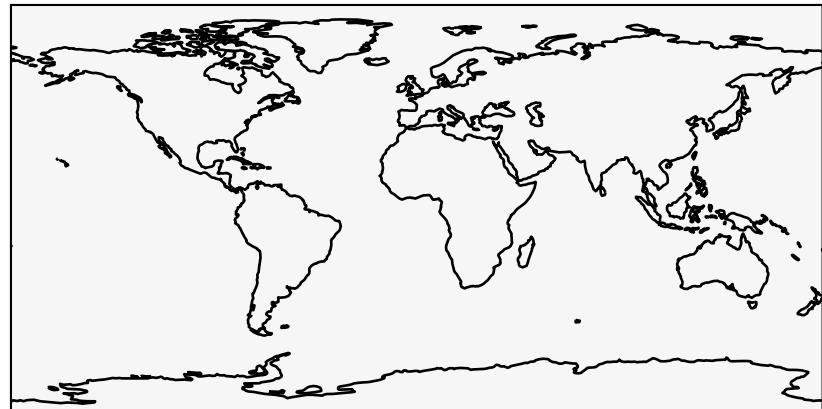
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



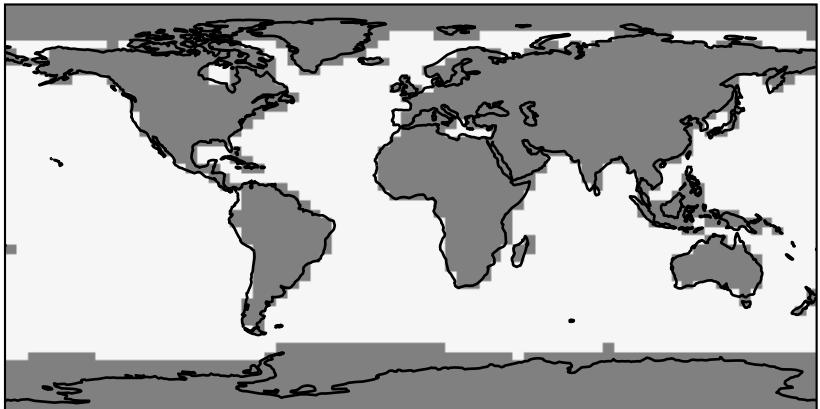
Difference
Dev - Ref, Dynamic Range



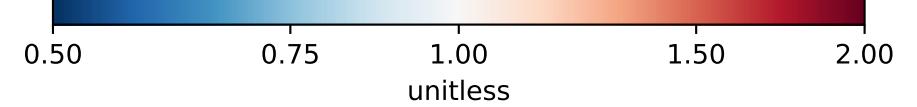
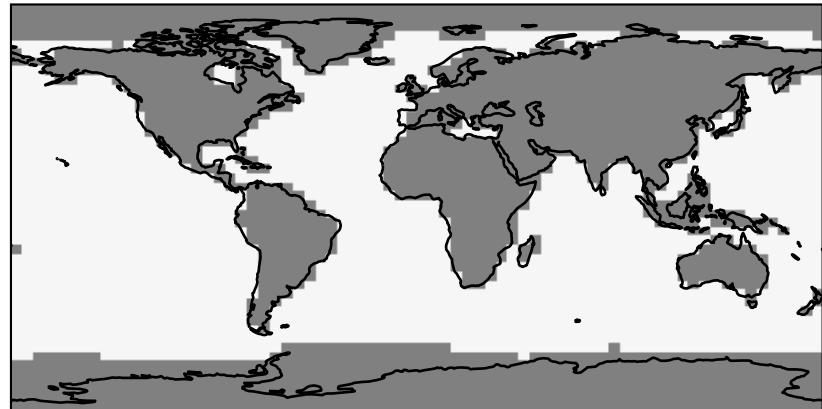
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

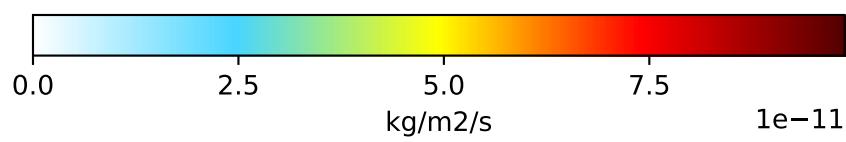
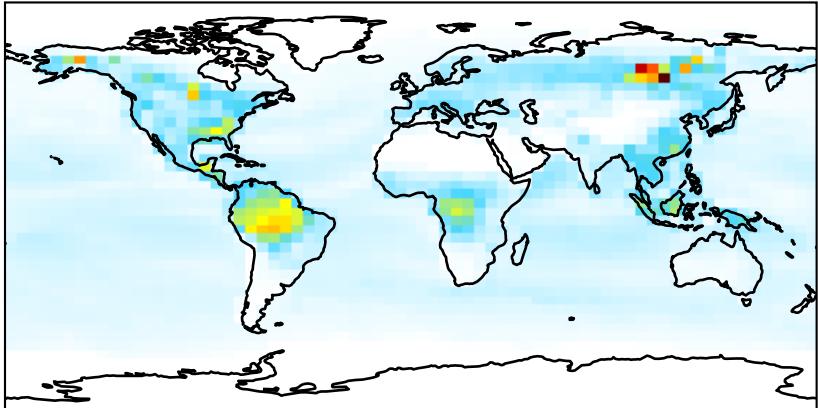


Ratio
Dev/Ref, Fixed Range

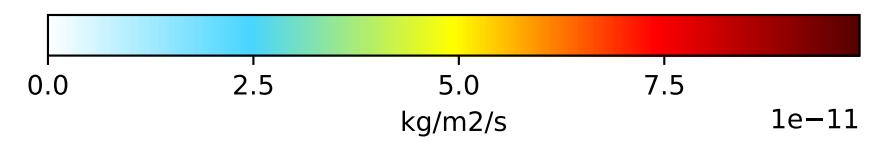
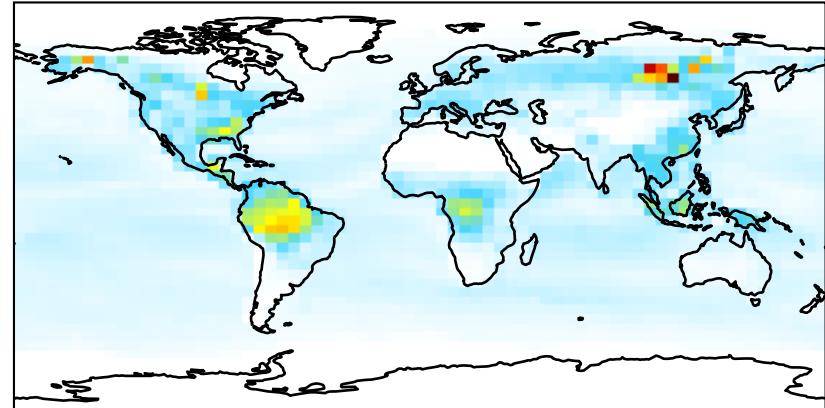


EmisACET_Total

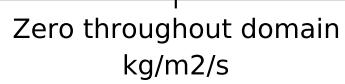
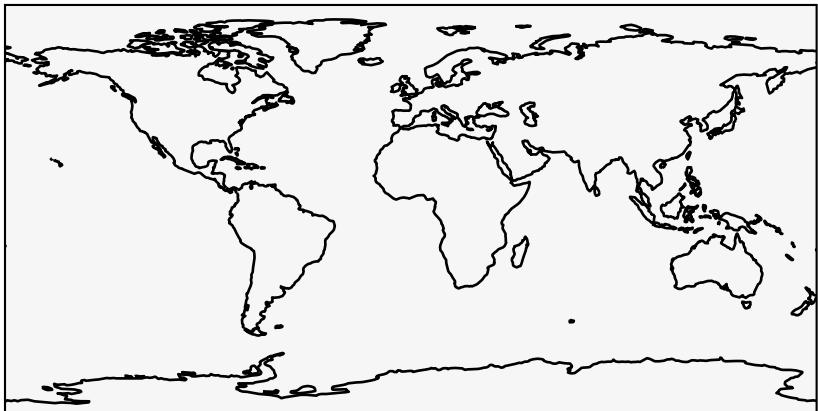
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



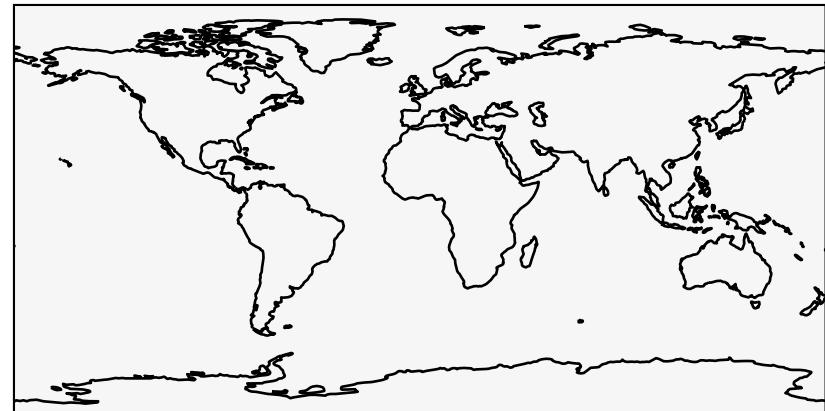
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



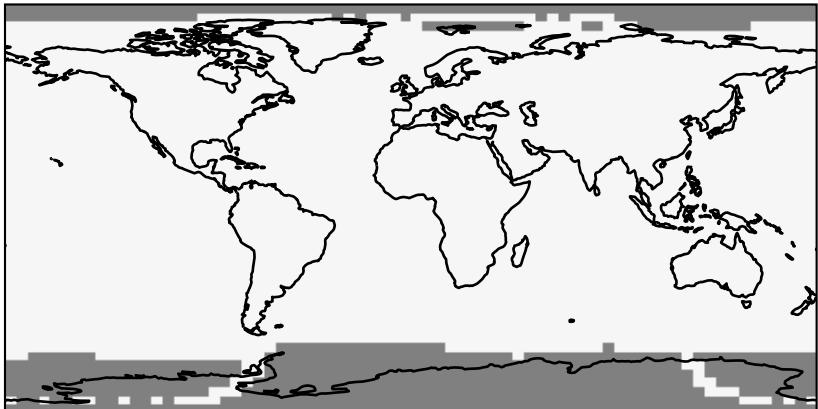
Difference
Dev - Ref, Dynamic Range



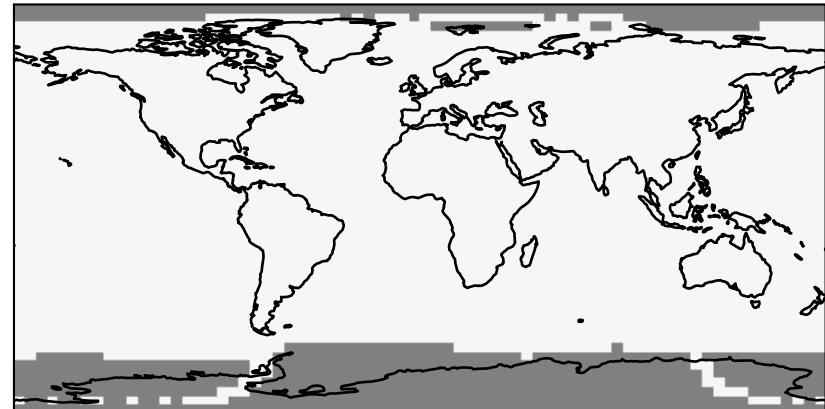
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

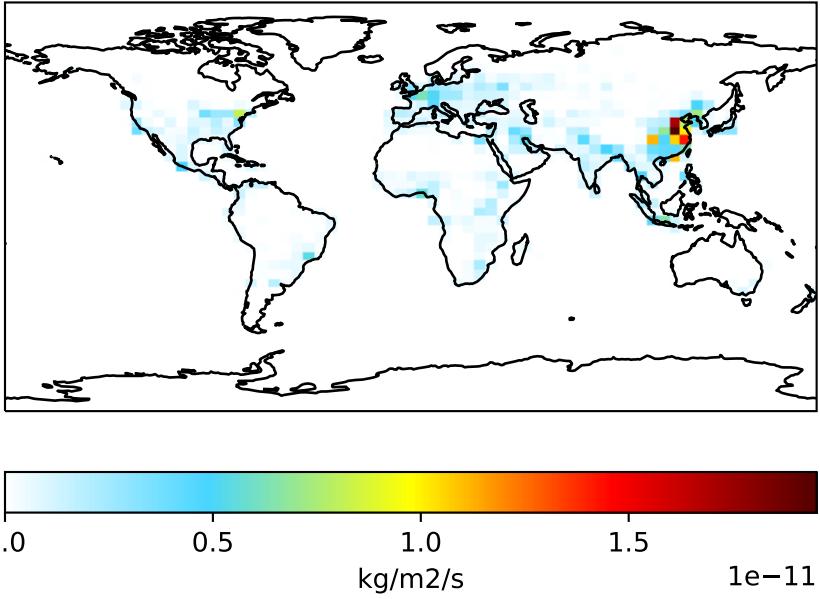


Ratio
Dev/Ref, Fixed Range

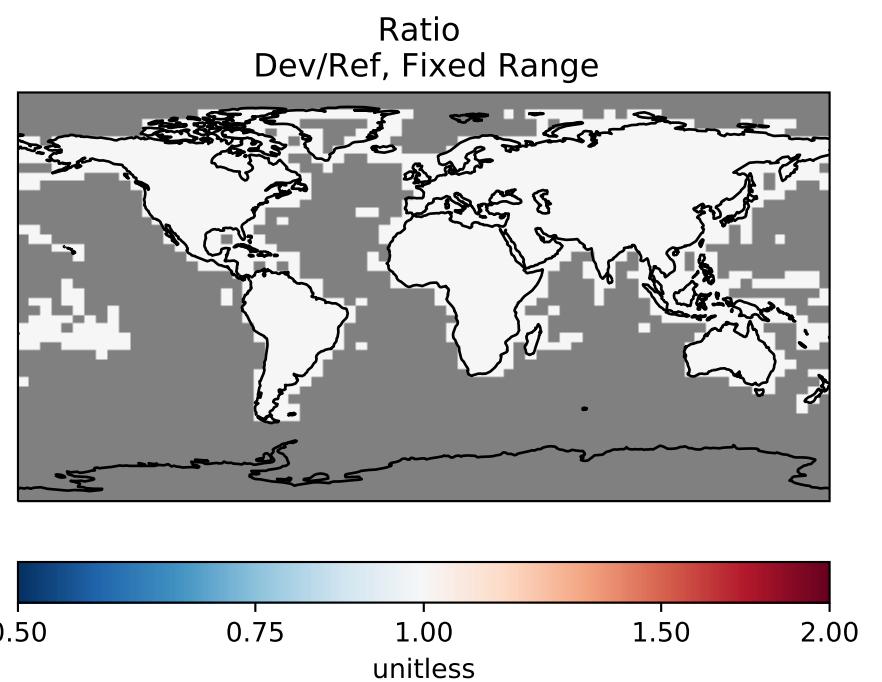
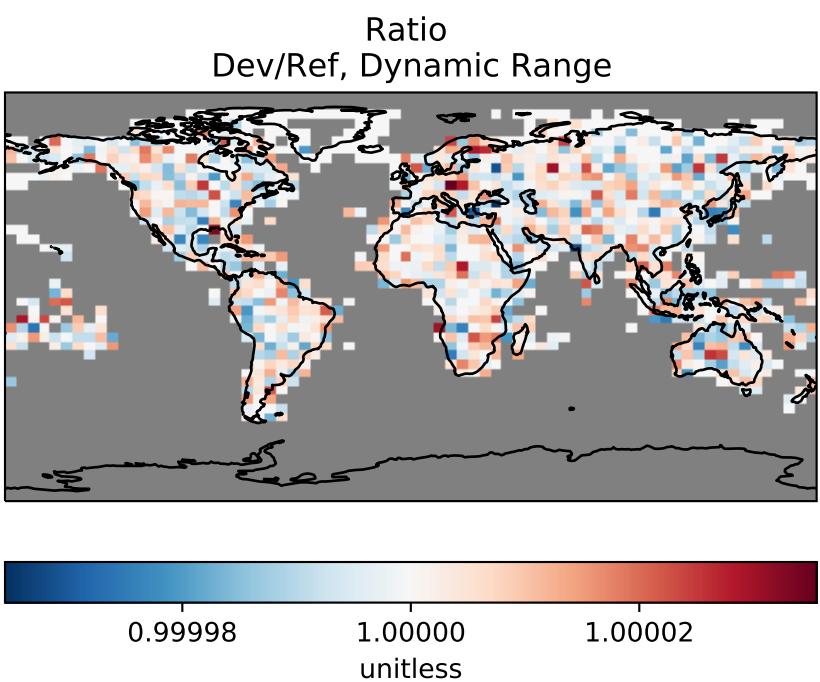
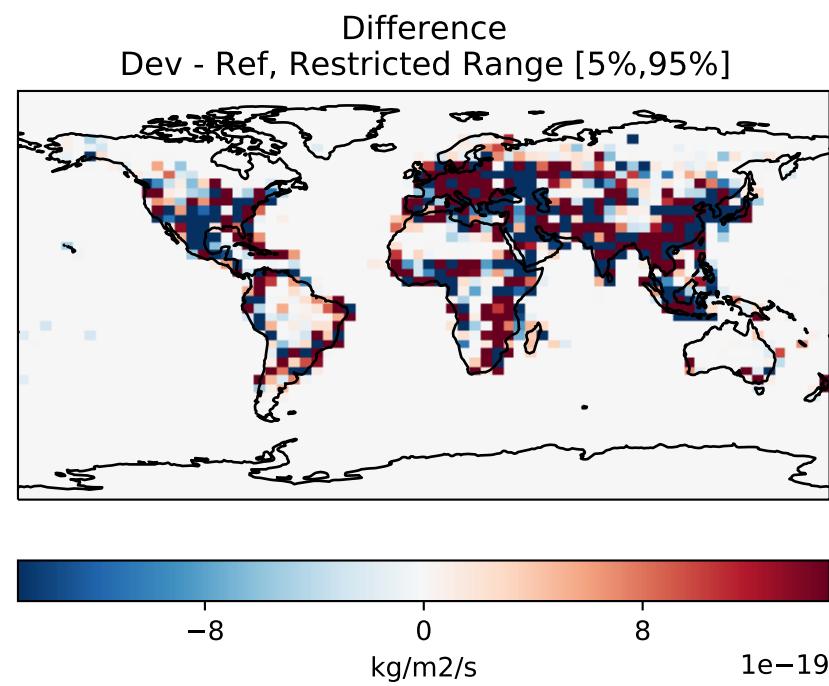
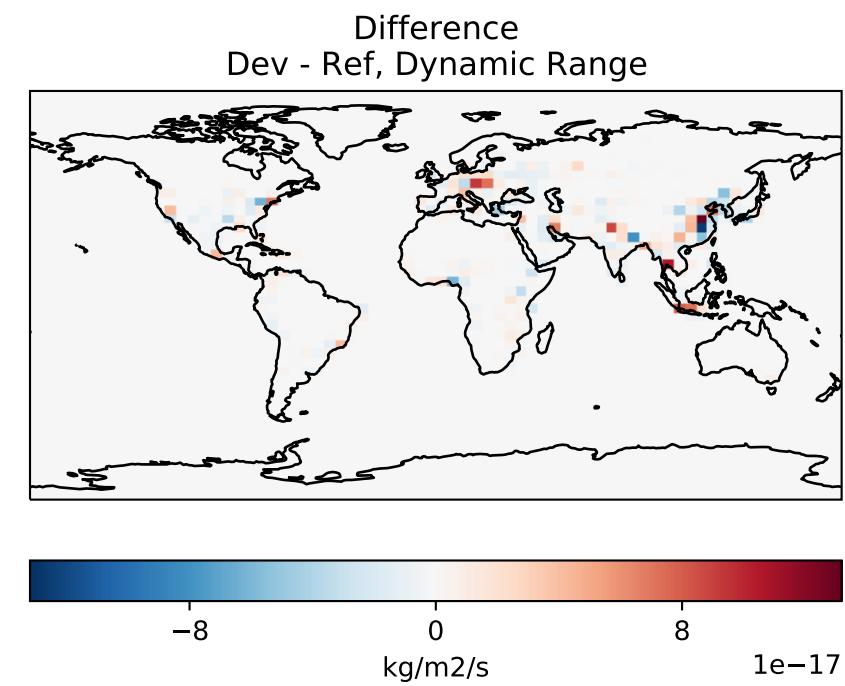
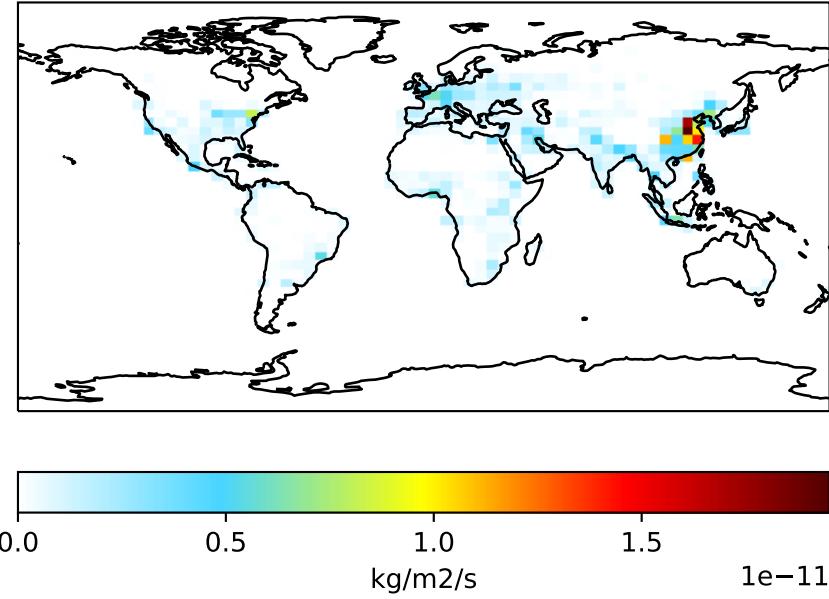


EmisMEK_Anthro

GCC_13.0.0-rc.2 (Ref)
4.0x5.0

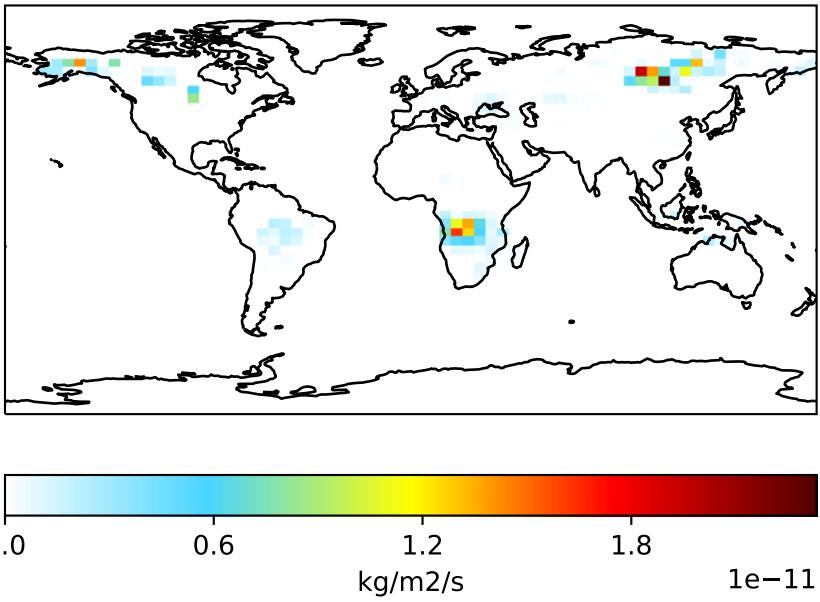


GCC_13.1.0-beta.1 (Dev)
4.0x5.0

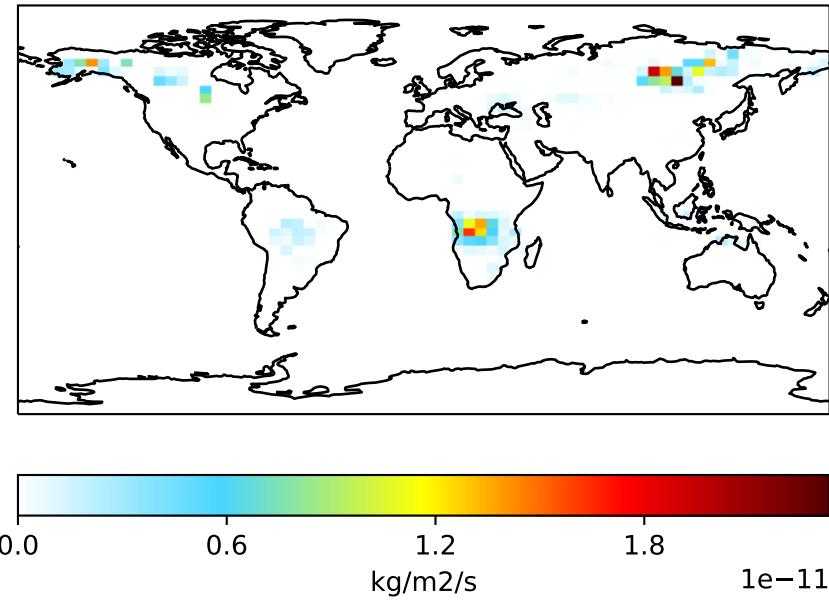


EmisMEK_BioBurn

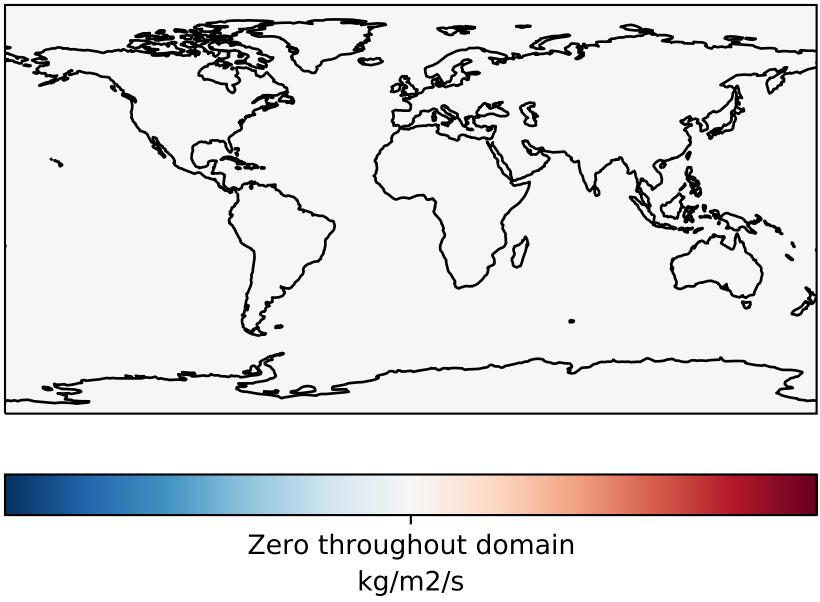
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



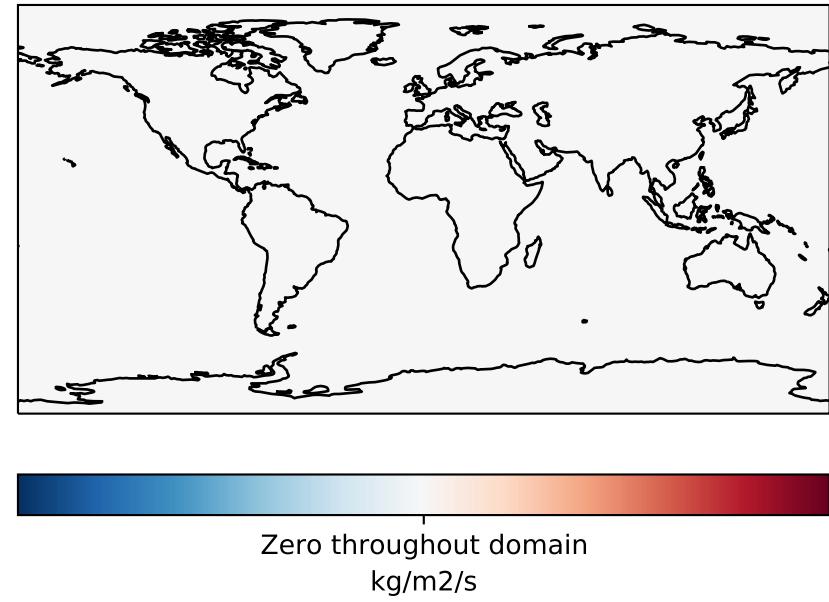
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



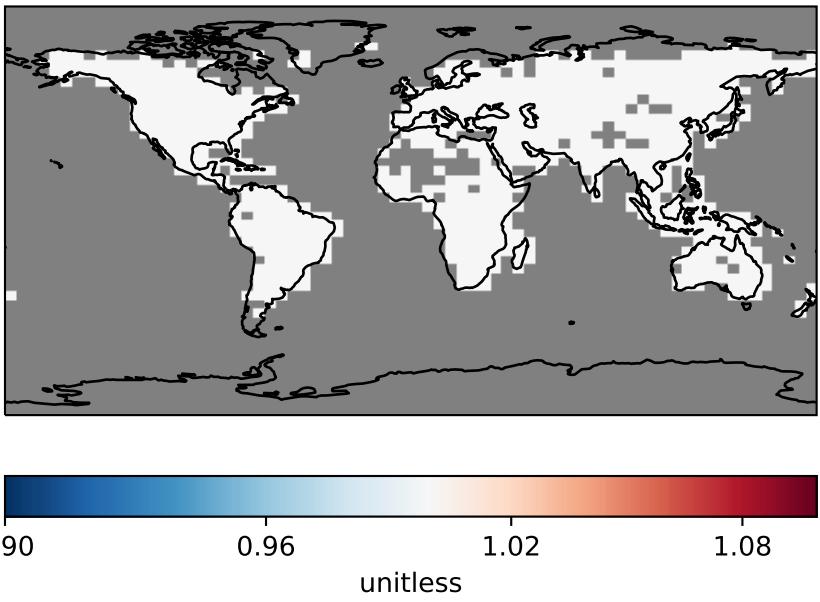
Difference
Dev - Ref, Dynamic Range



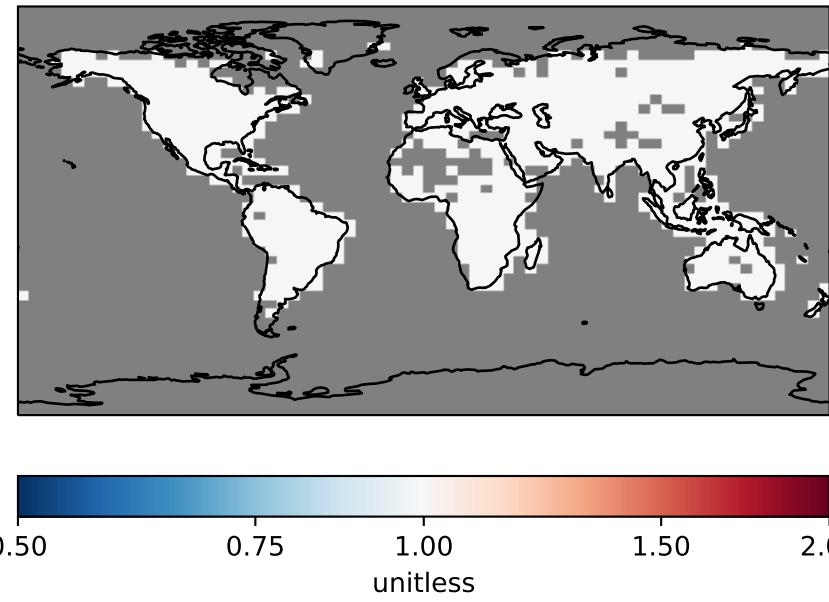
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

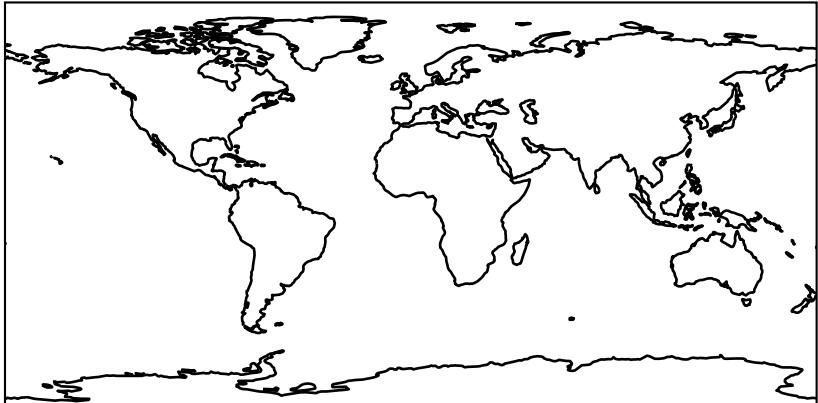


Ratio
Dev/Ref, Fixed Range



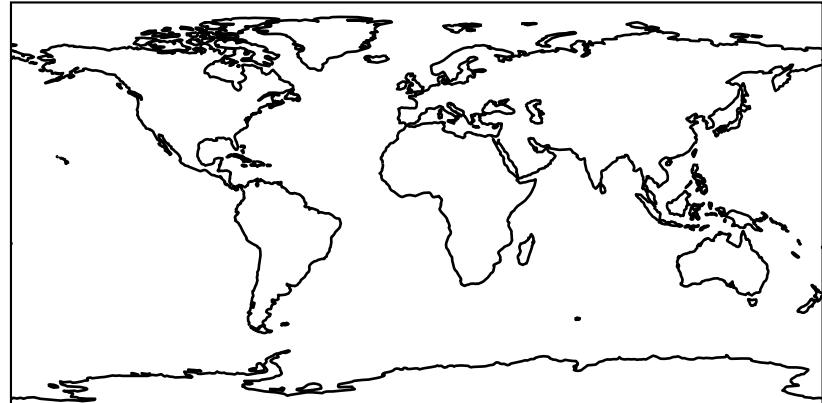
EmisMEK_Ship

GCC_13.0.0-rc.2 (Ref)
4.0x5.0



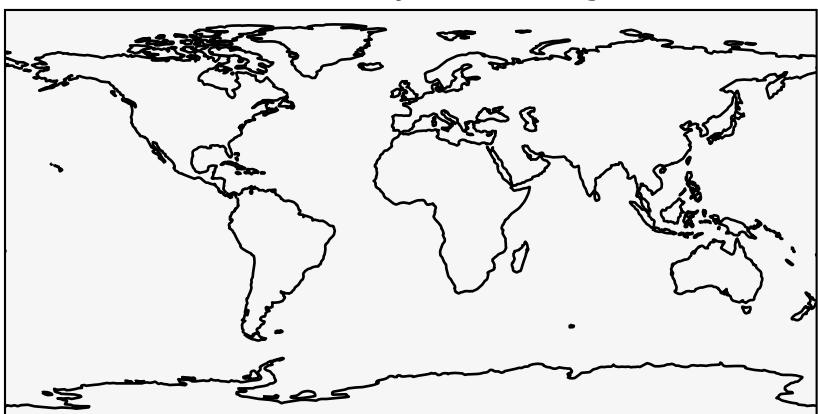
Zero throughout domain
kg/m²/s

GCC_13.1.0-beta.1 (Dev)
4.0x5.0



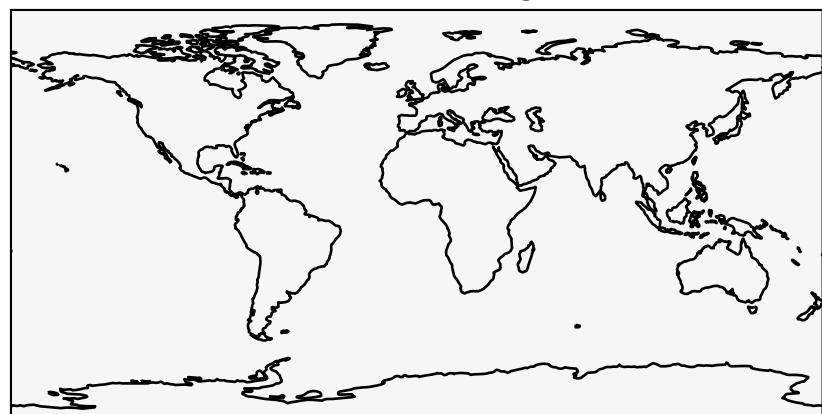
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



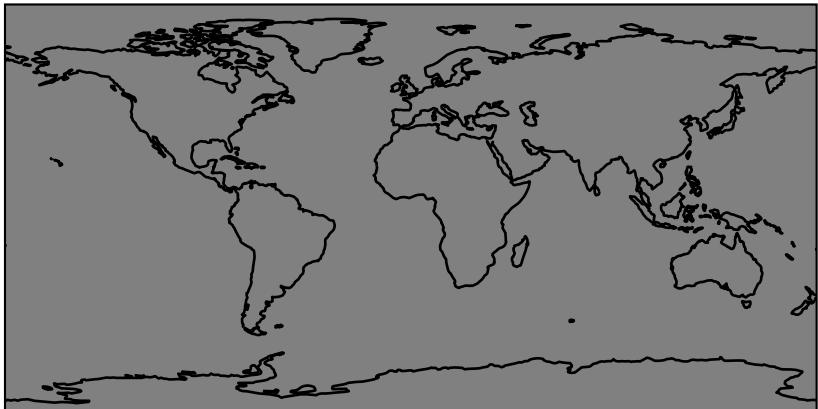
Zero throughout domain
kg/m²/s

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



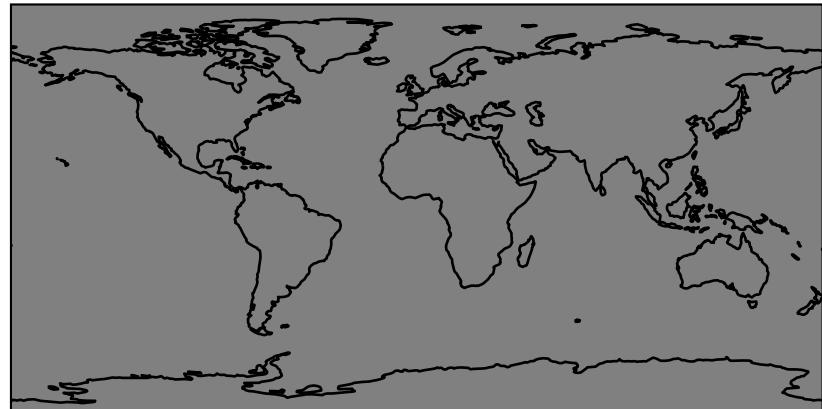
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



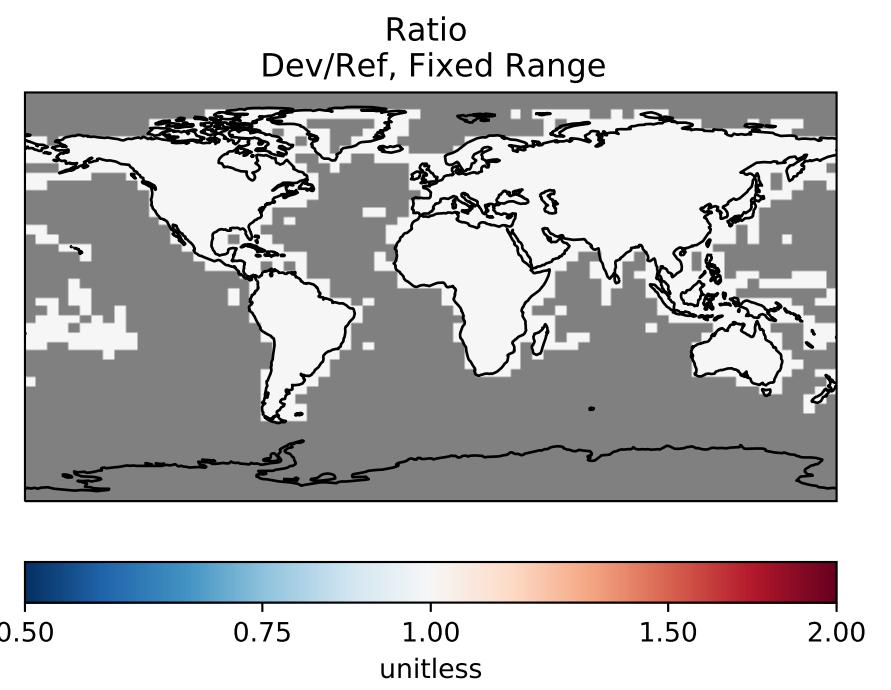
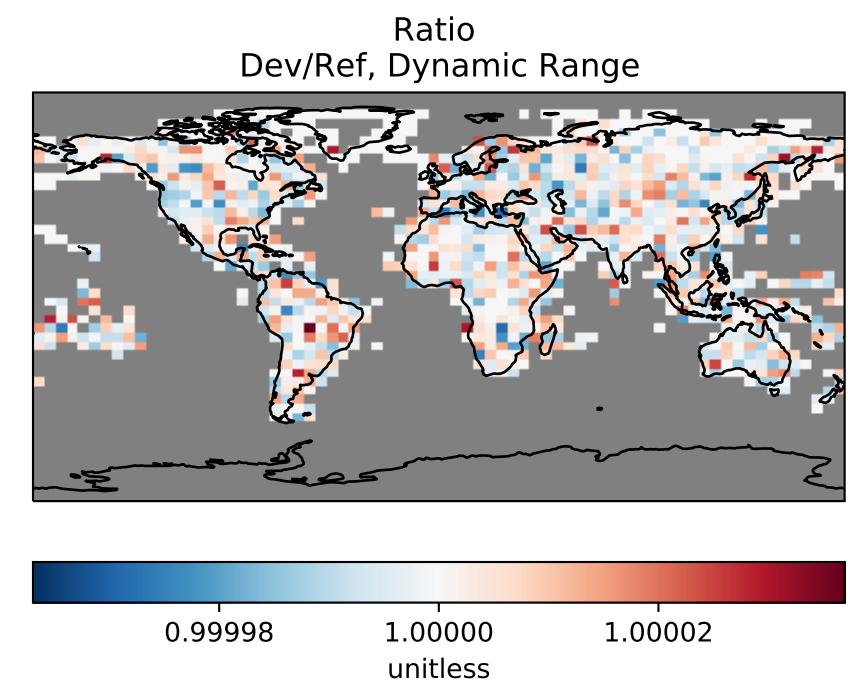
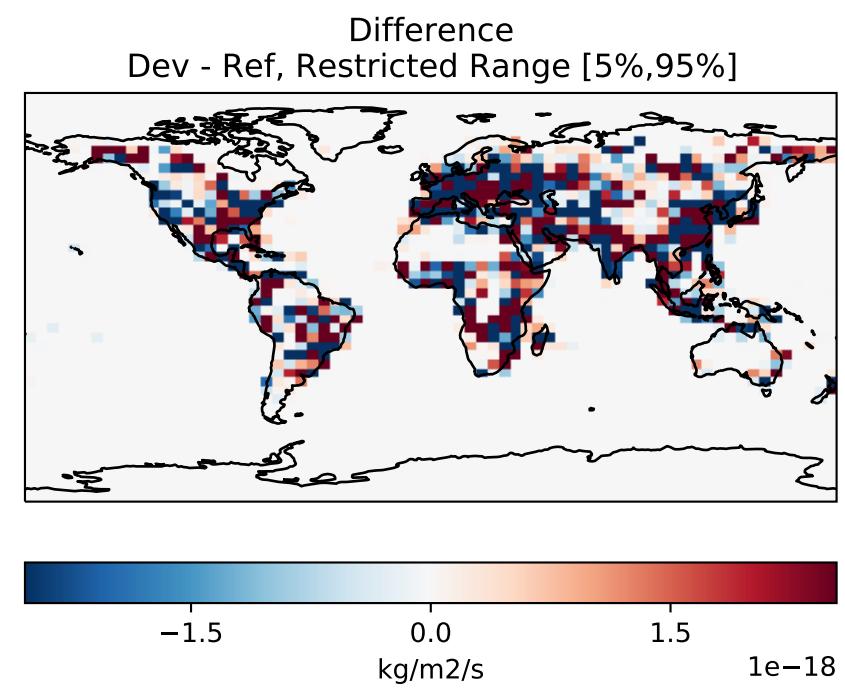
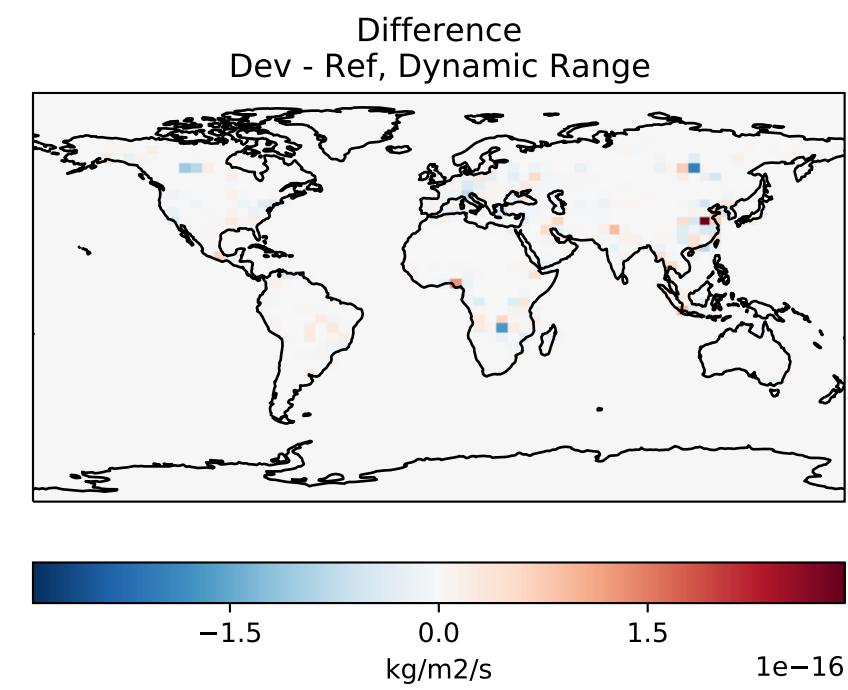
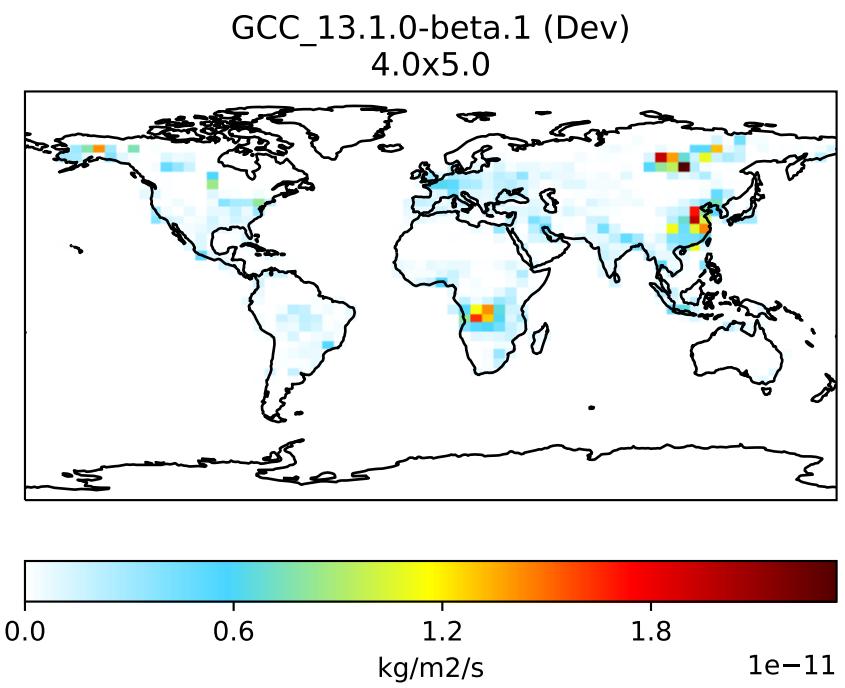
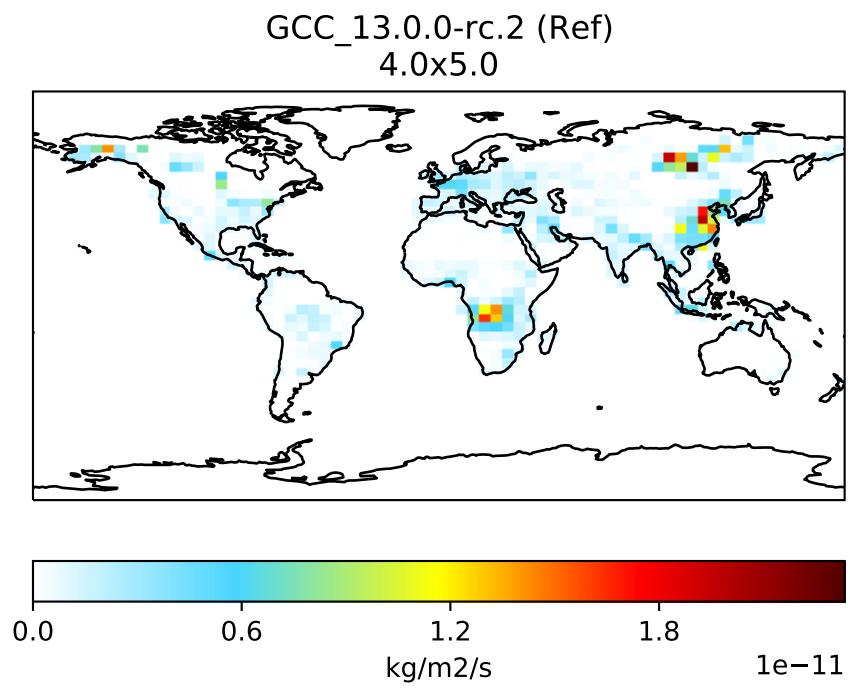
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



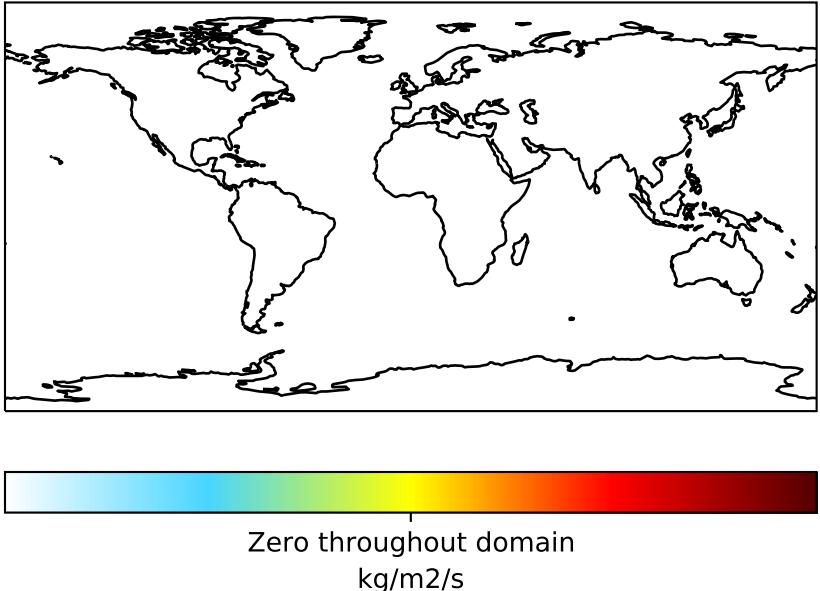
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unitless

EmisMEK_Total

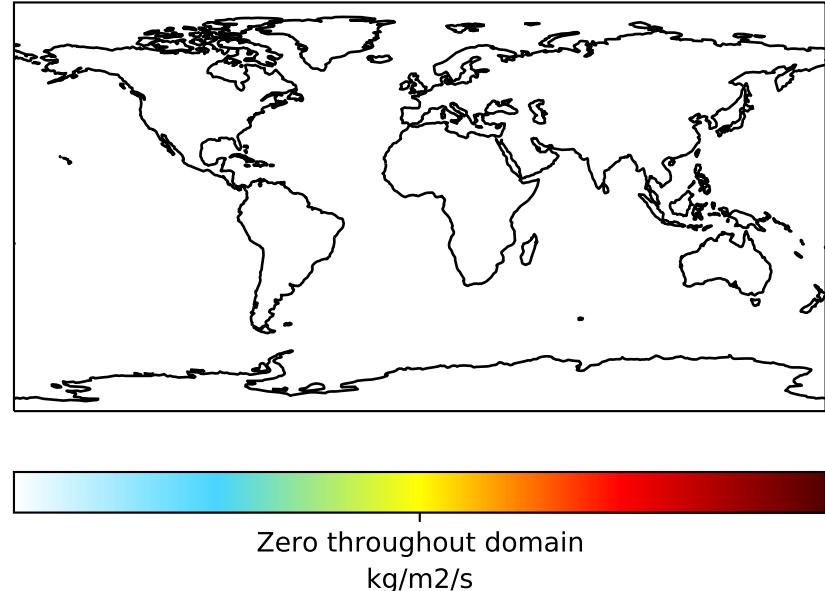


EmisMVK_Anthro

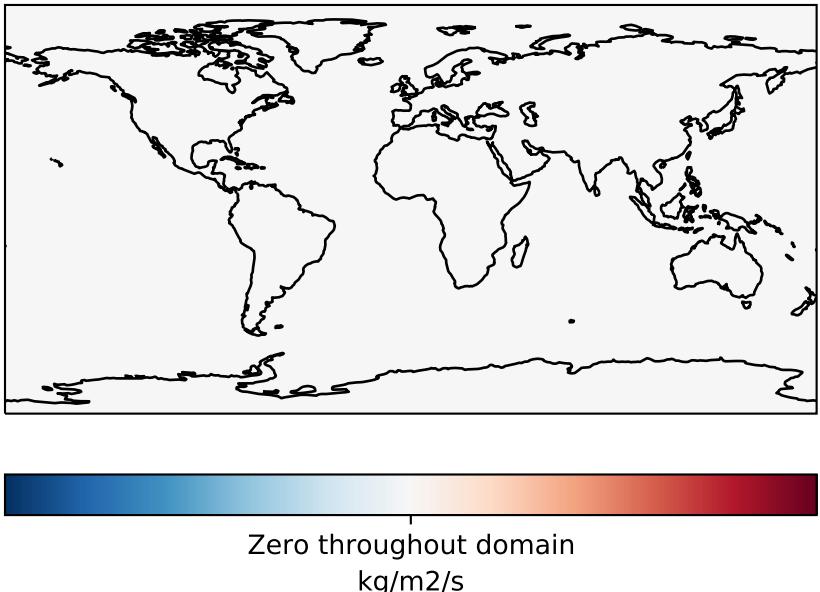
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



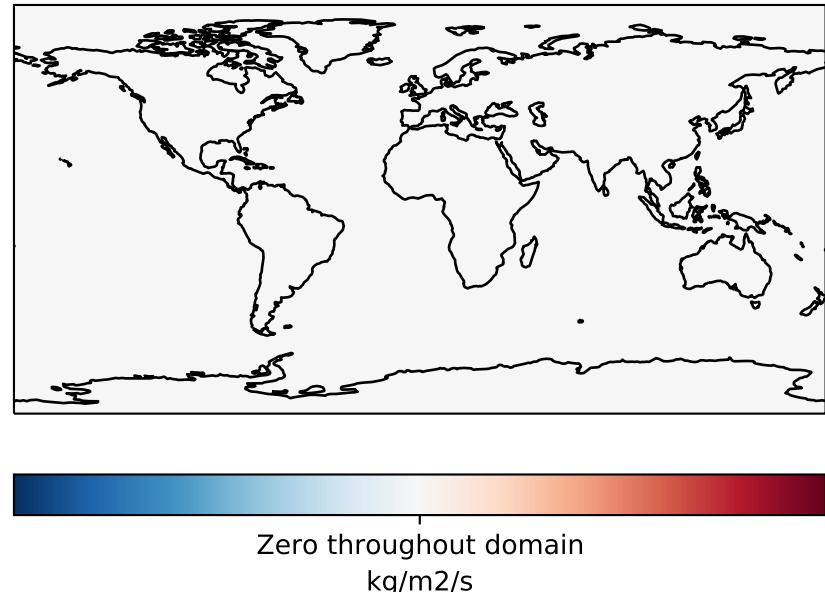
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



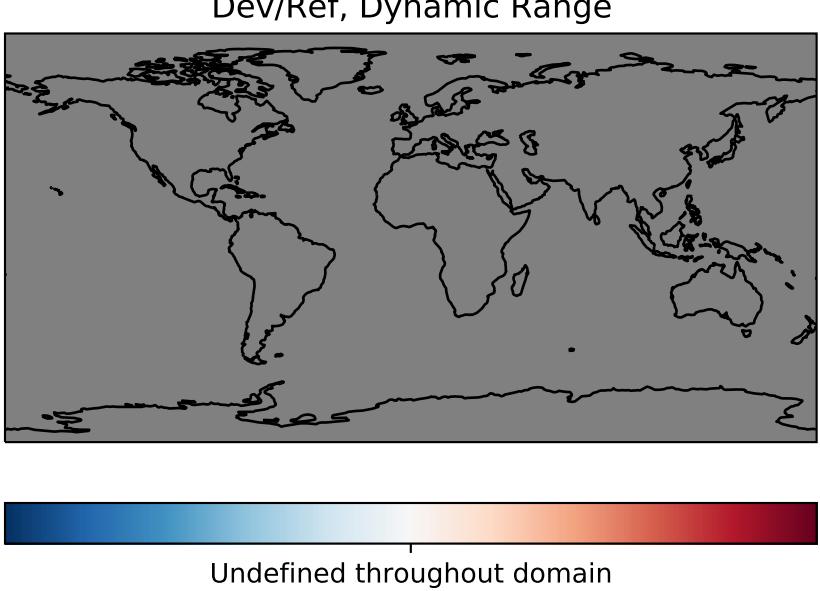
Difference
Dev - Ref, Dynamic Range



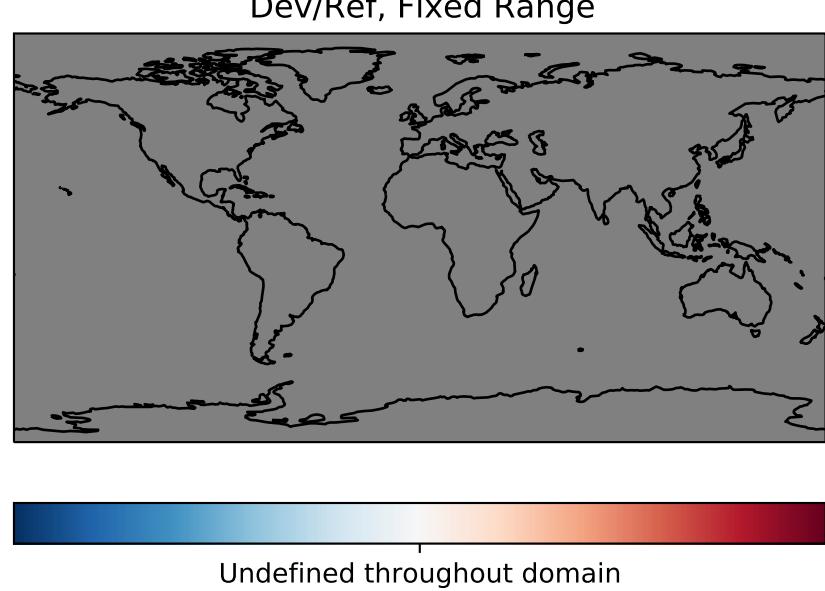
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

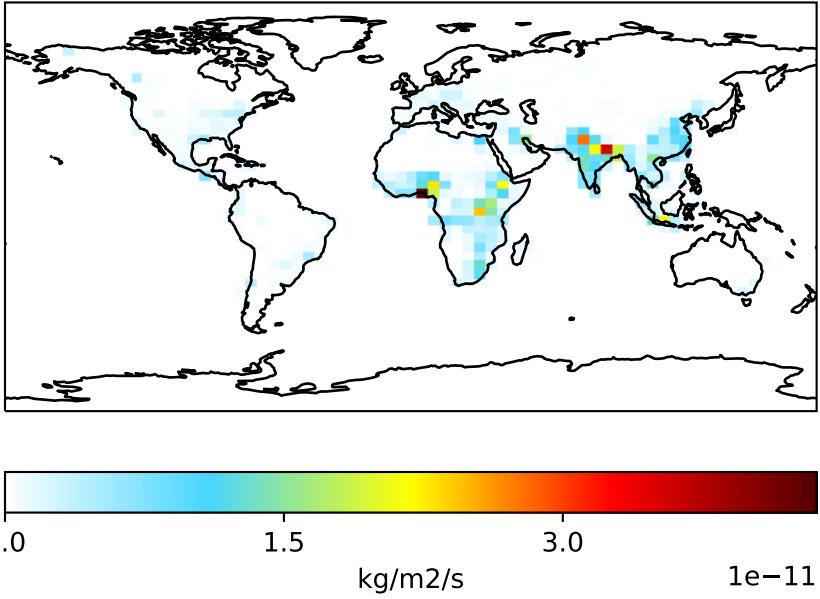


Ratio
Dev/Ref, Fixed Range

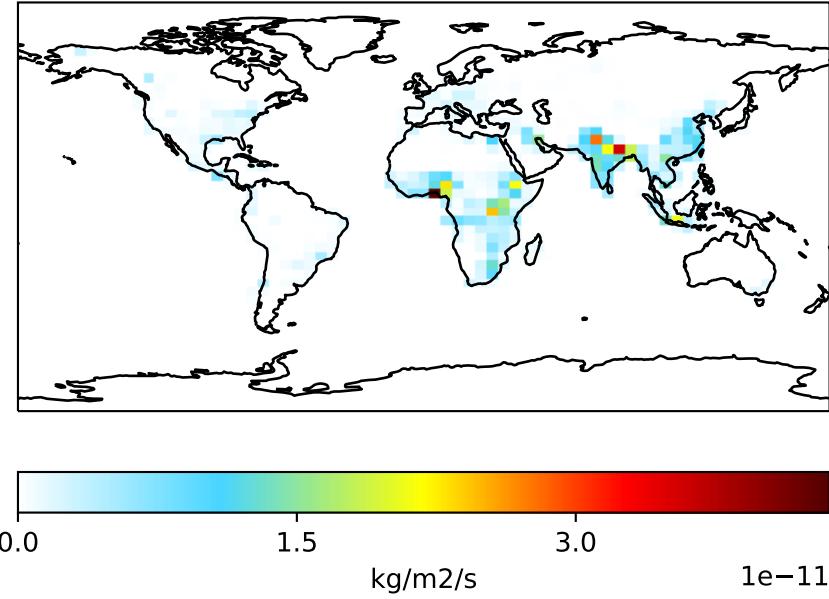


EmisHCOOH_Anthro

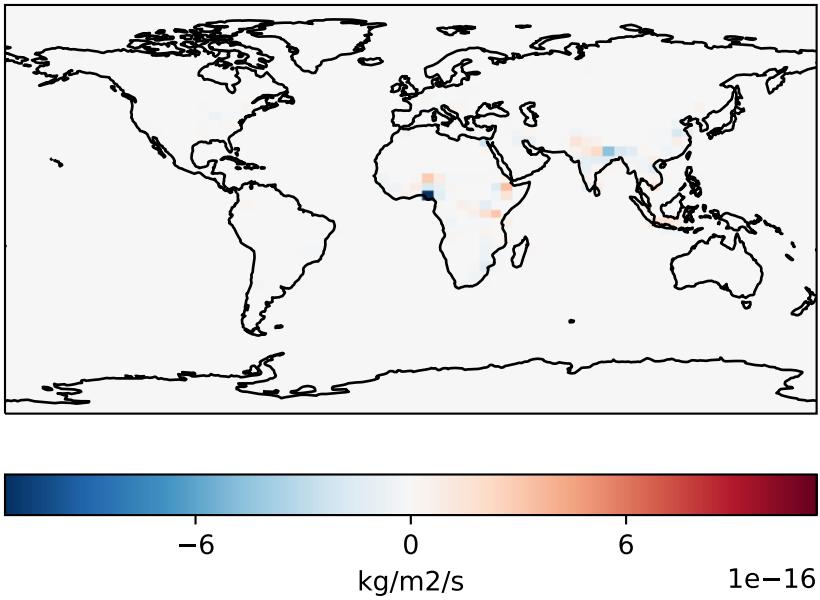
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



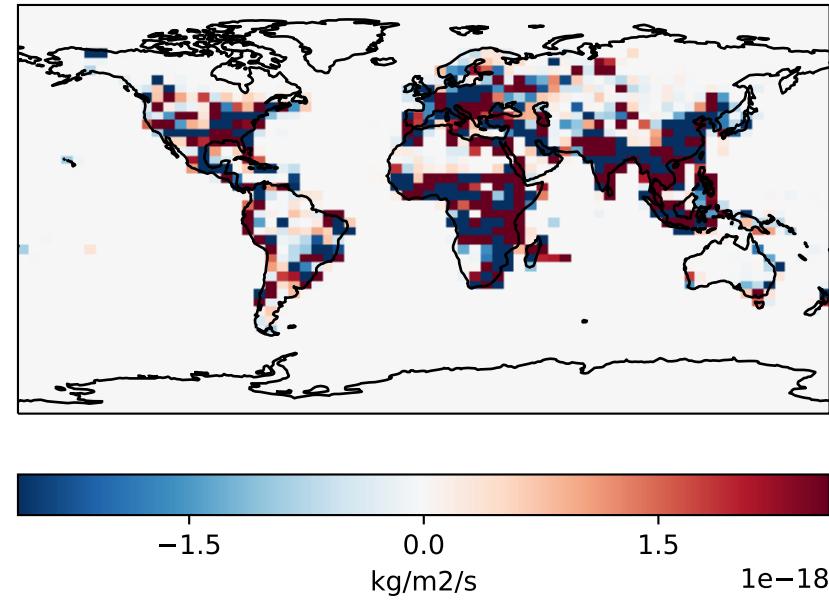
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



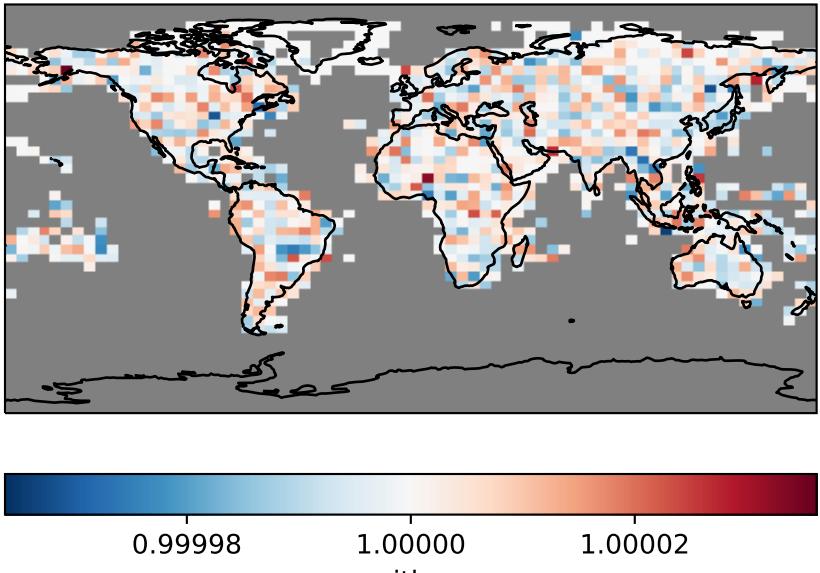
Difference
Dev - Ref, Dynamic Range



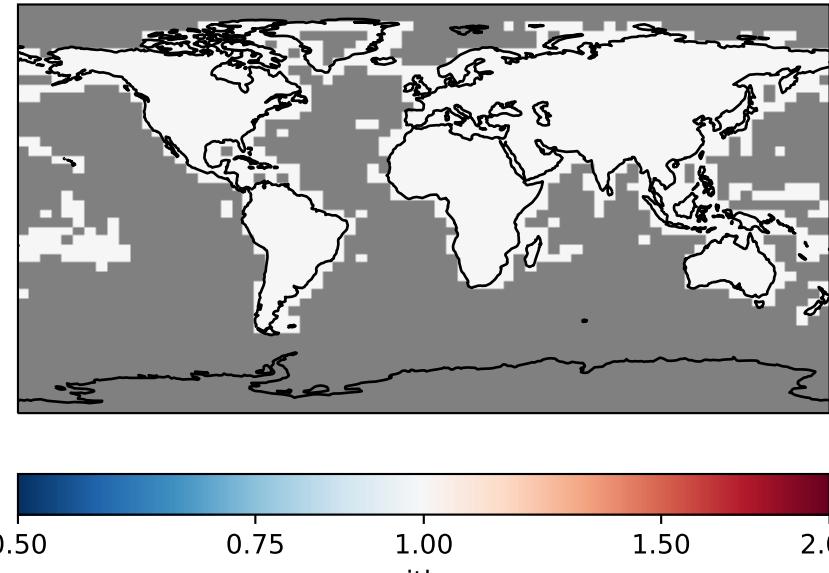
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

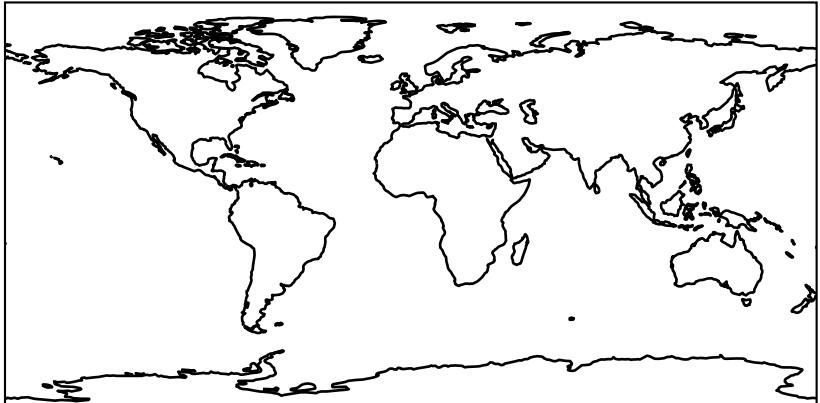


Ratio
Dev/Ref, Fixed Range



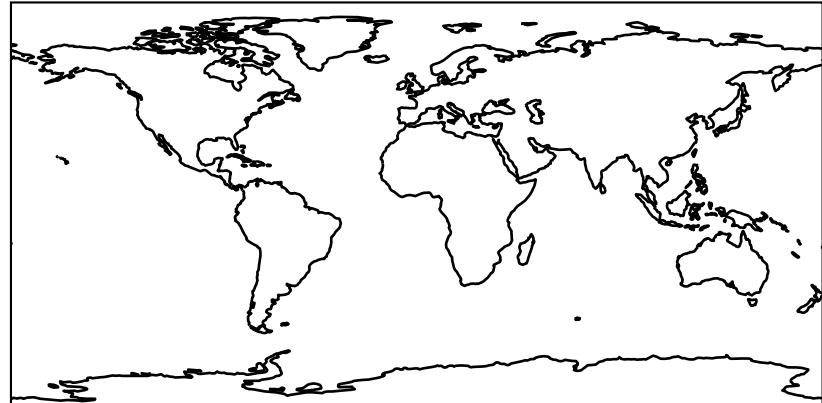
EmisHCOOH_Ship

GCC_13.0.0-rc.2 (Ref)
4.0x5.0



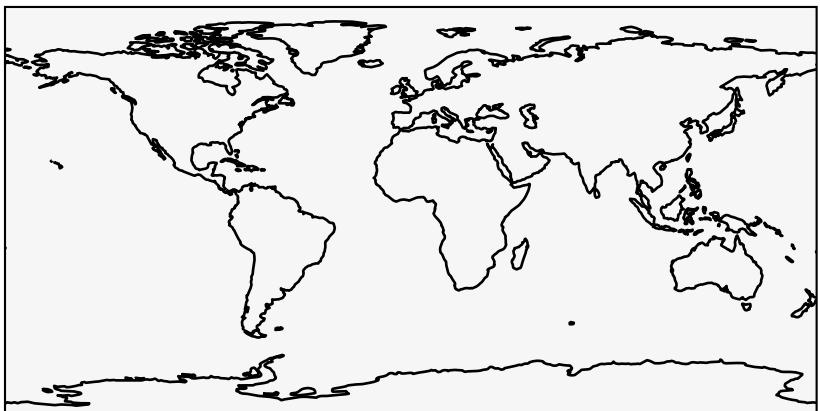
Zero throughout domain
kg/m²/s

GCC_13.1.0-beta.1 (Dev)
4.0x5.0



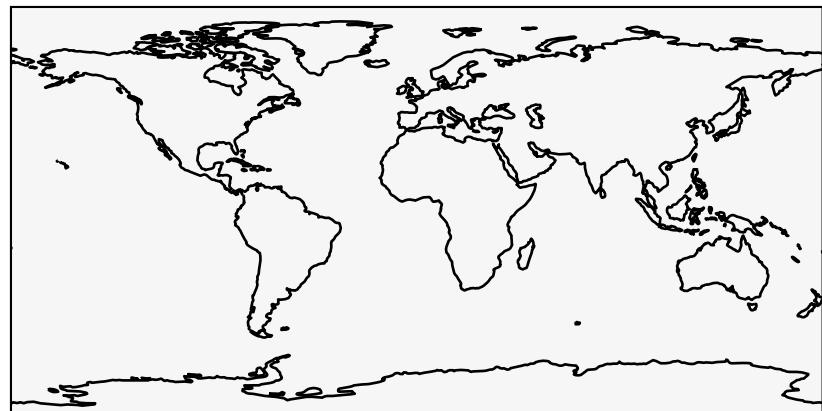
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



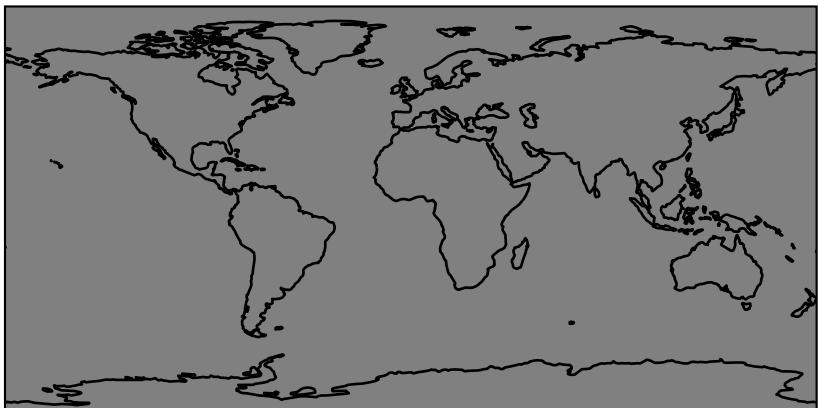
Zero throughout domain
kg/m²/s

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



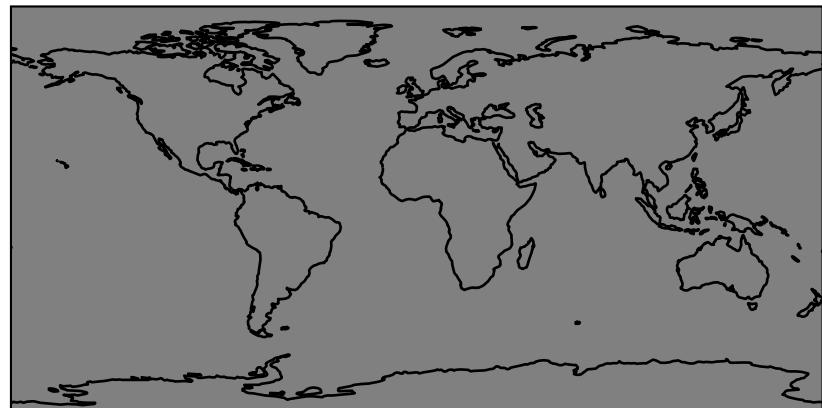
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

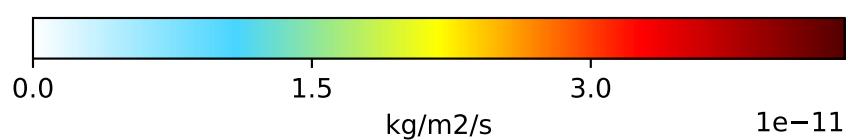
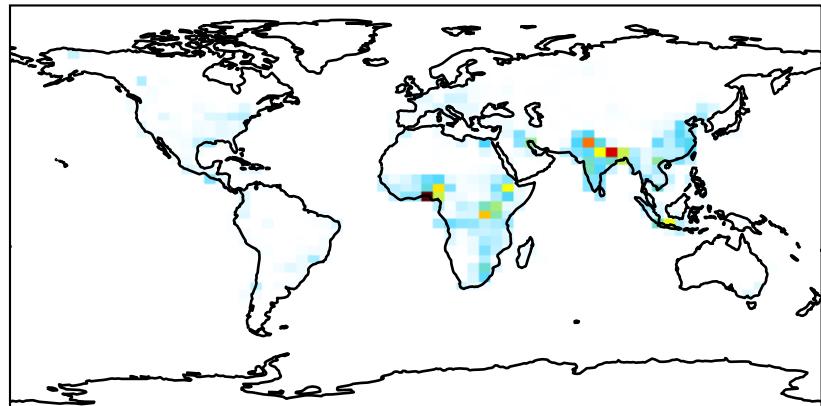
Ratio
Dev/Ref, Fixed Range



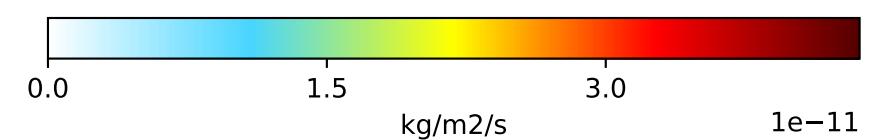
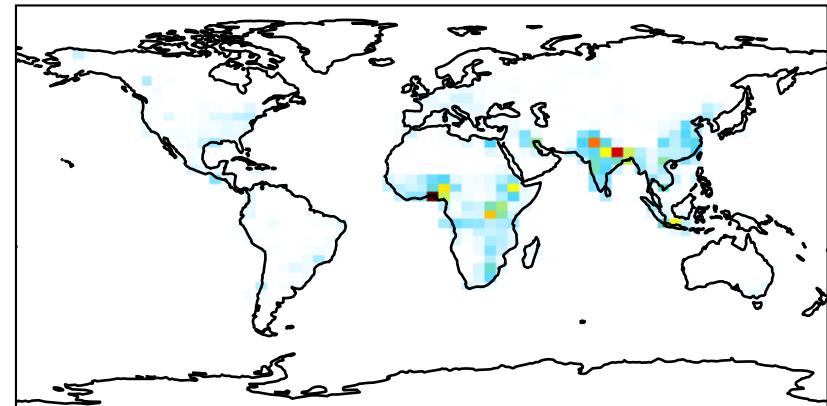
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EmisHCOOH_Total

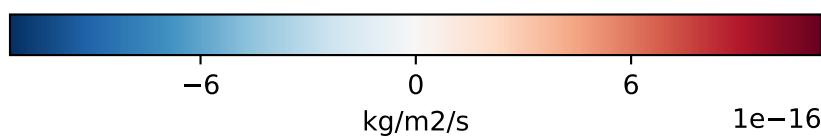
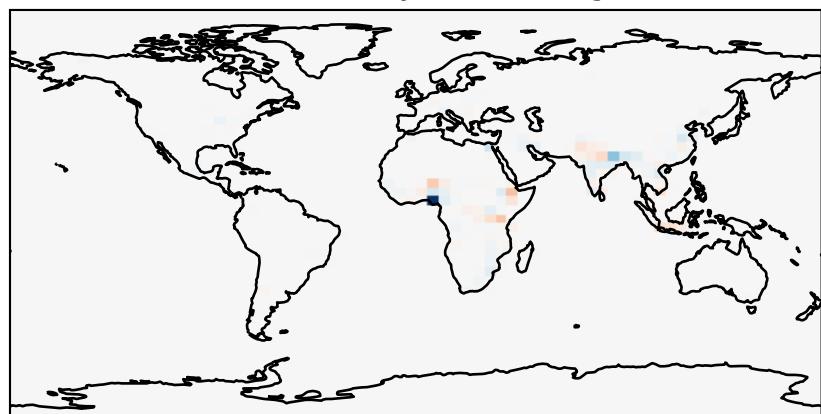
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



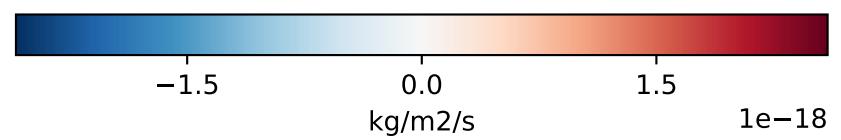
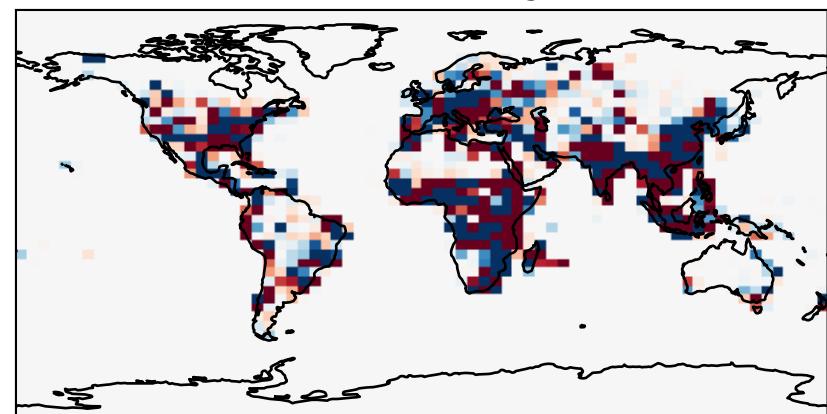
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



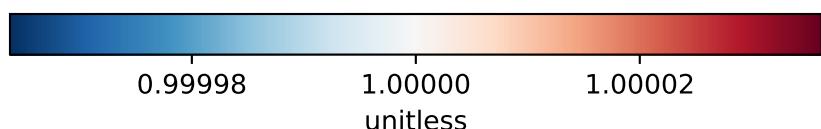
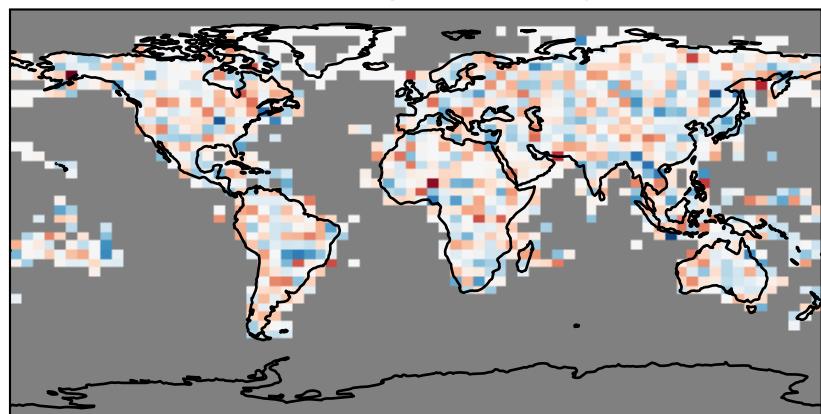
Difference
Dev - Ref, Dynamic Range



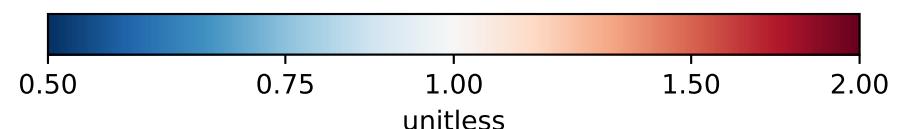
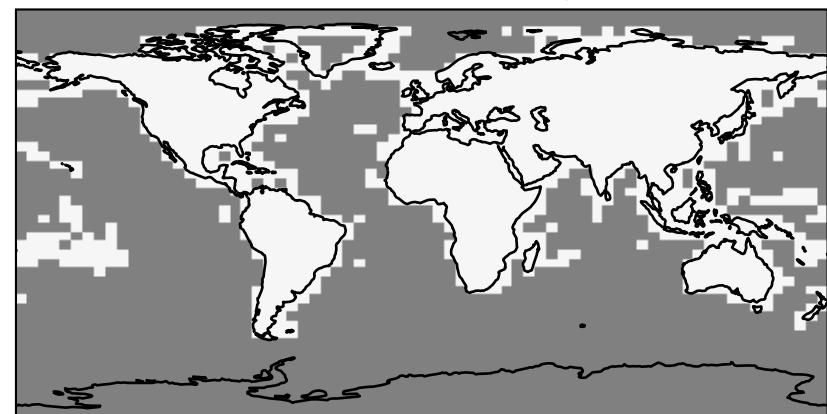
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

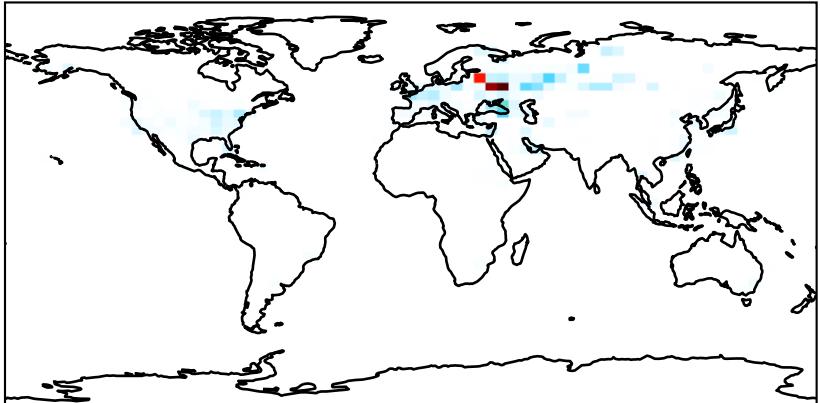


Ratio
Dev/Ref, Fixed Range

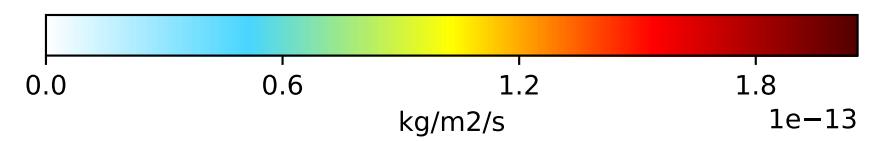
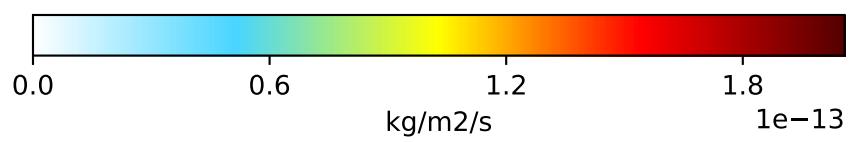
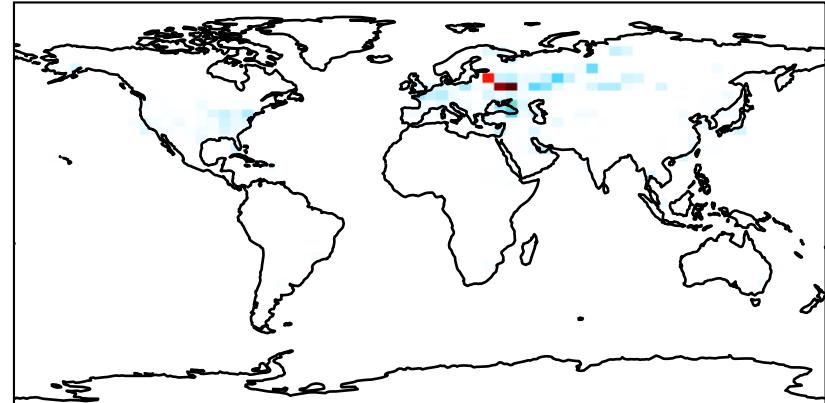


EmisRCHO_Aircraft

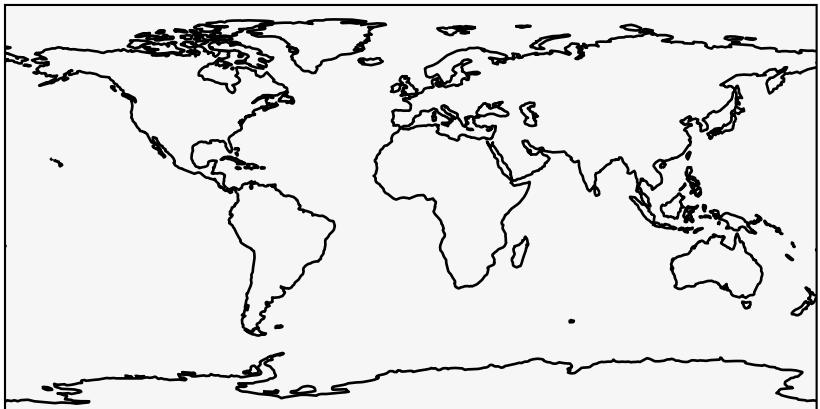
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



GCC_13.1.0-beta.1 (Dev)
4.0x5.0

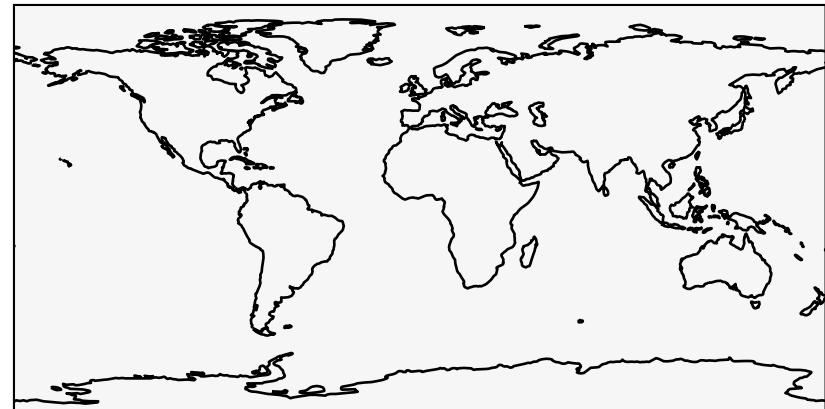


Difference
Dev - Ref, Dynamic Range



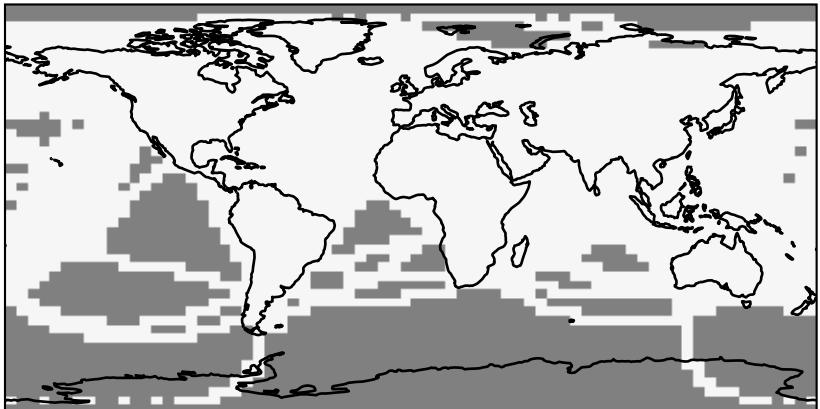
Zero throughout domain
kg/m²/s

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



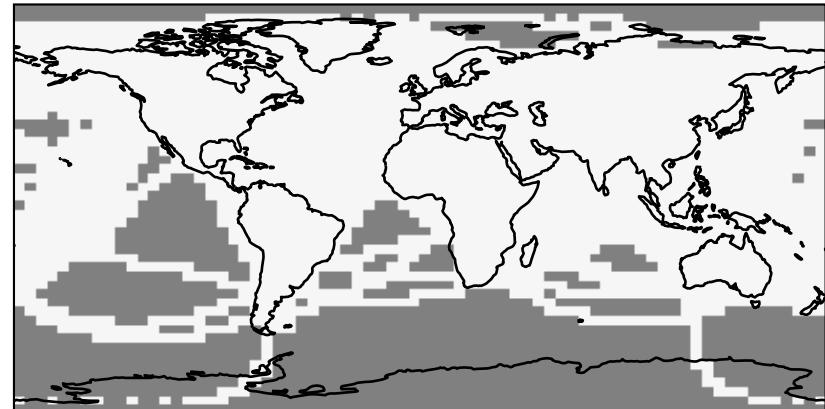
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

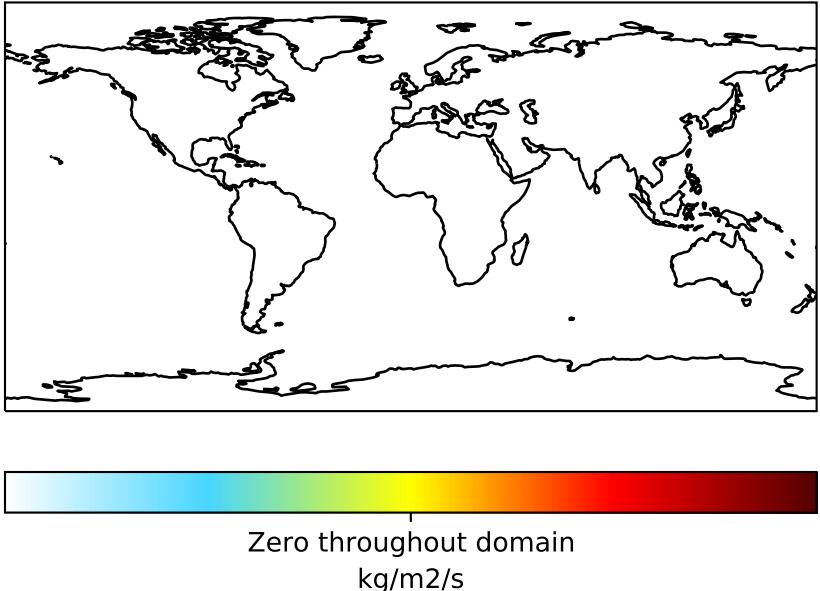
Ratio
Dev/Ref, Fixed Range



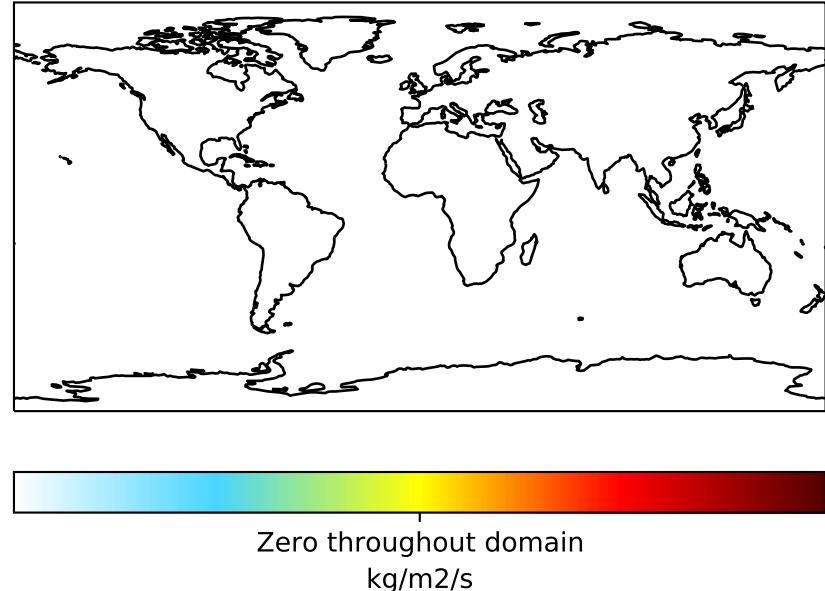
0.50 0.75 1.00 1.50 2.00
unitless

EmisRCHO_Anthro

GCC_13.0.0-rc.2 (Ref)
4.0x5.0



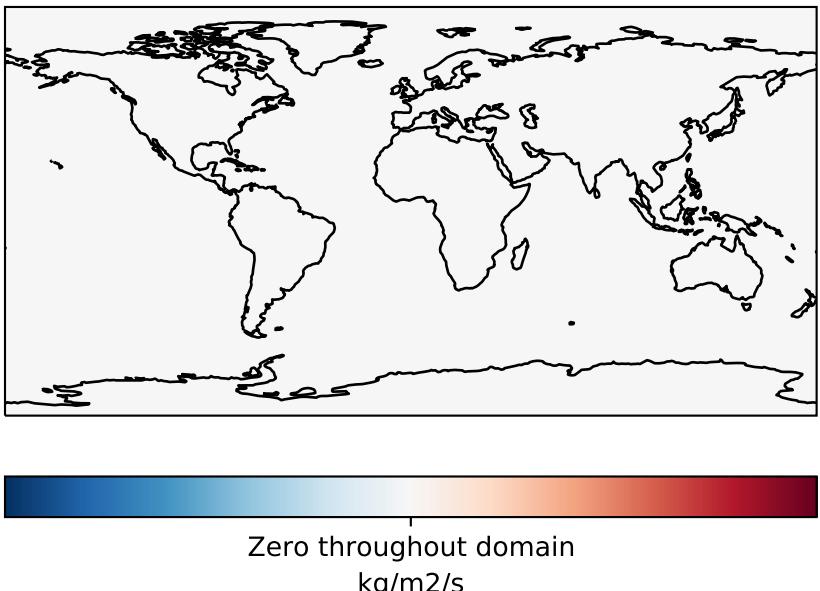
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

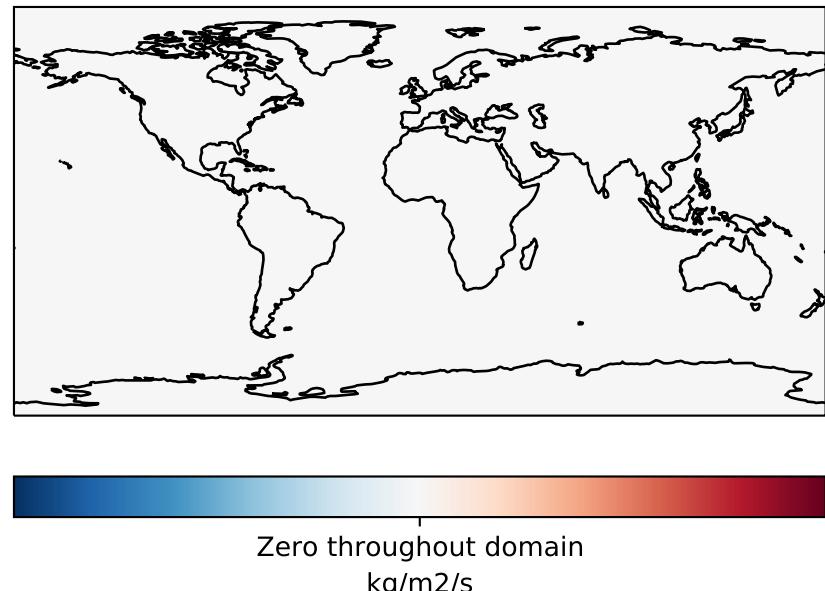
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



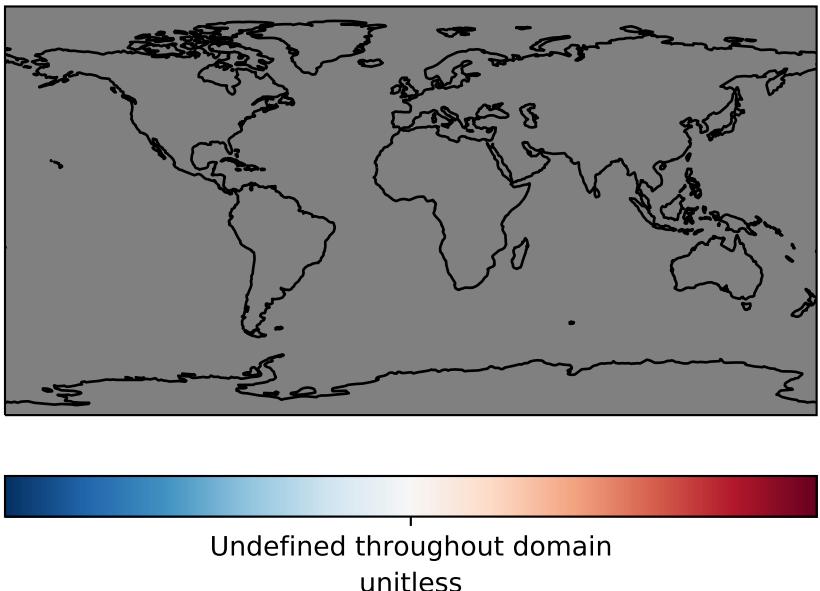
Zero throughout domain
kg/m²/s

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



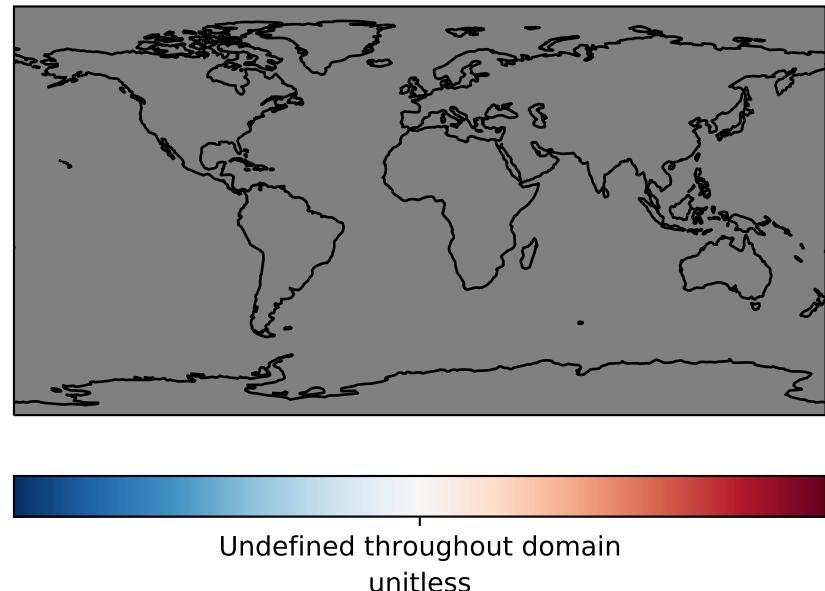
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

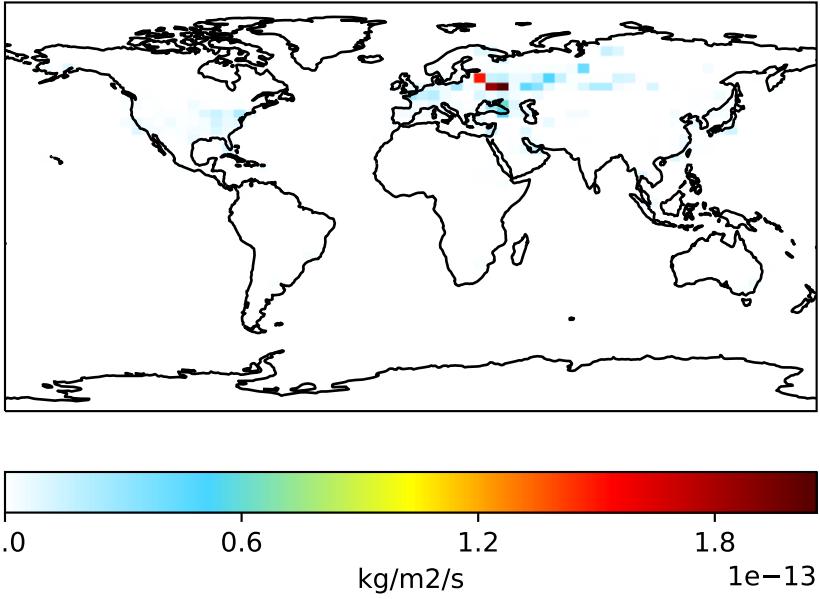
Ratio
Dev/Ref, Fixed Range



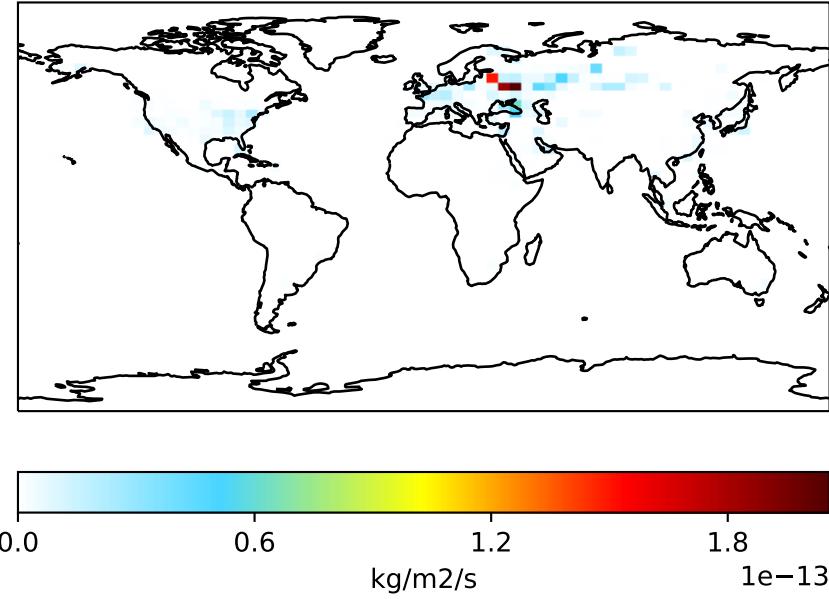
Undefined throughout domain
unitless

EmisRCHO_Total

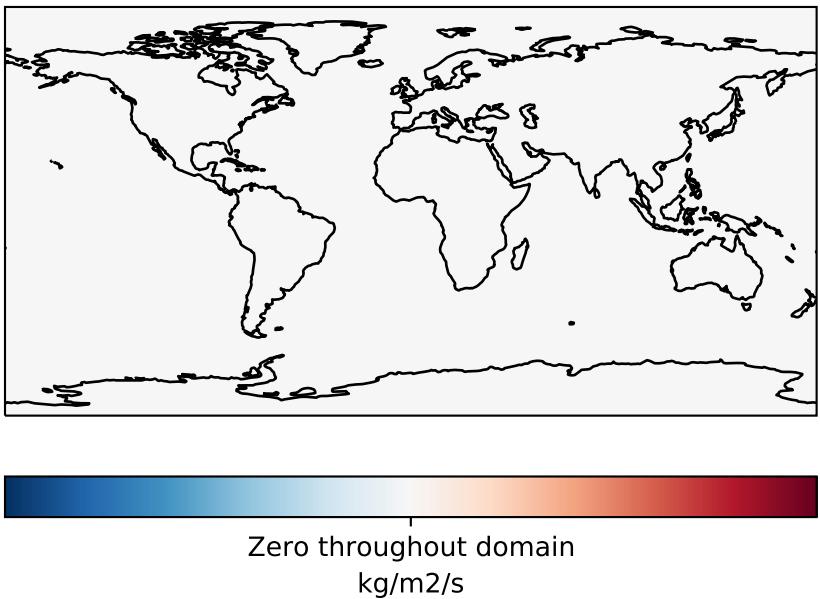
GCC_13.0.0-rc.2 (Ref)
4.0x5.0



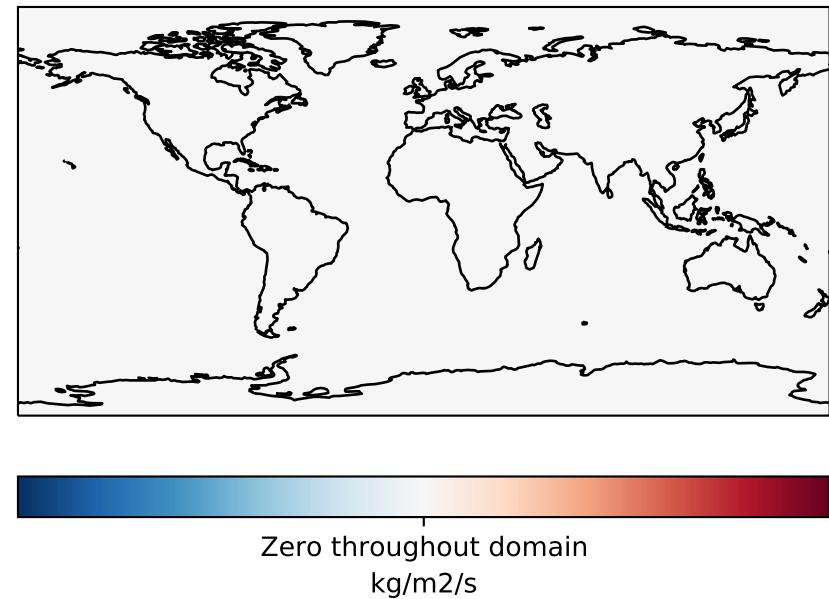
GCC_13.1.0-beta.1 (Dev)
4.0x5.0



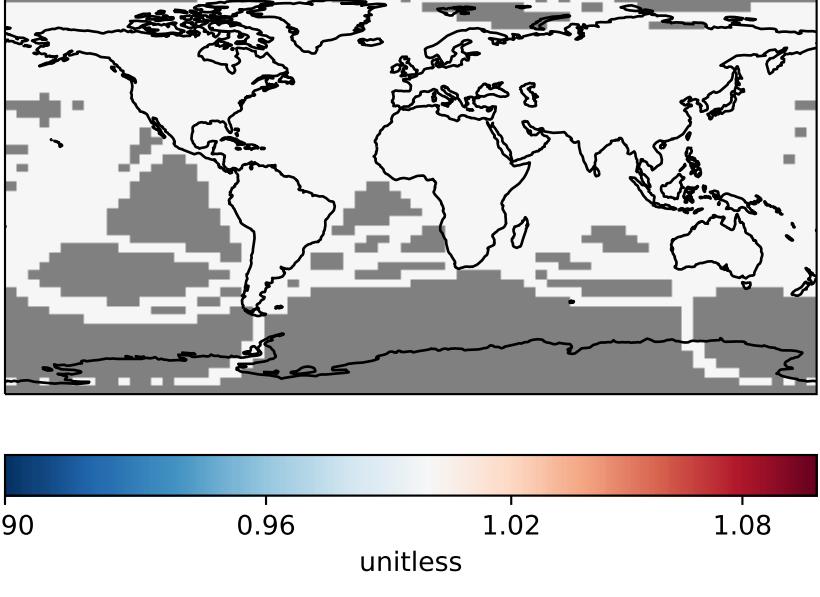
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

