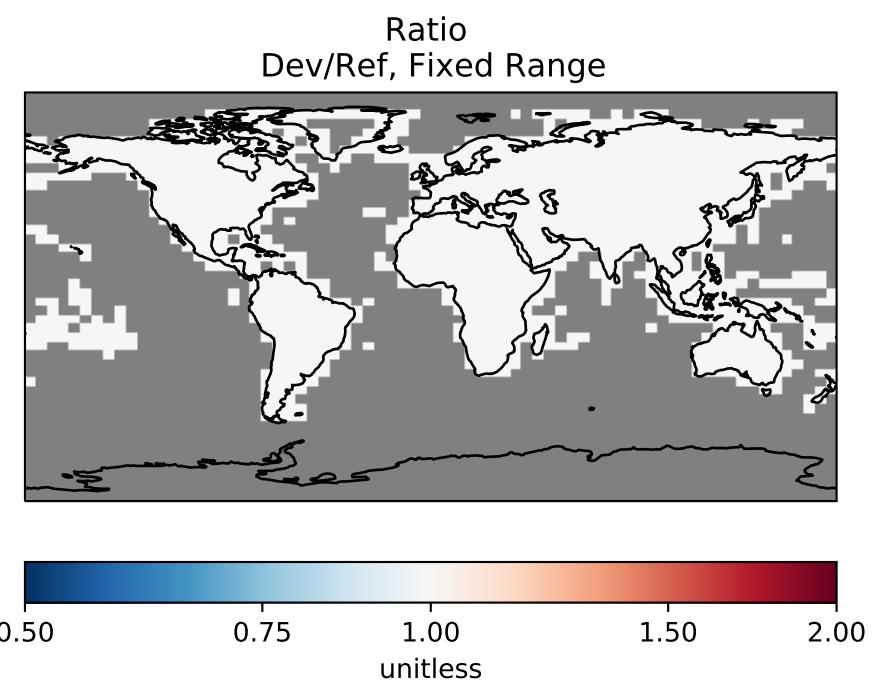
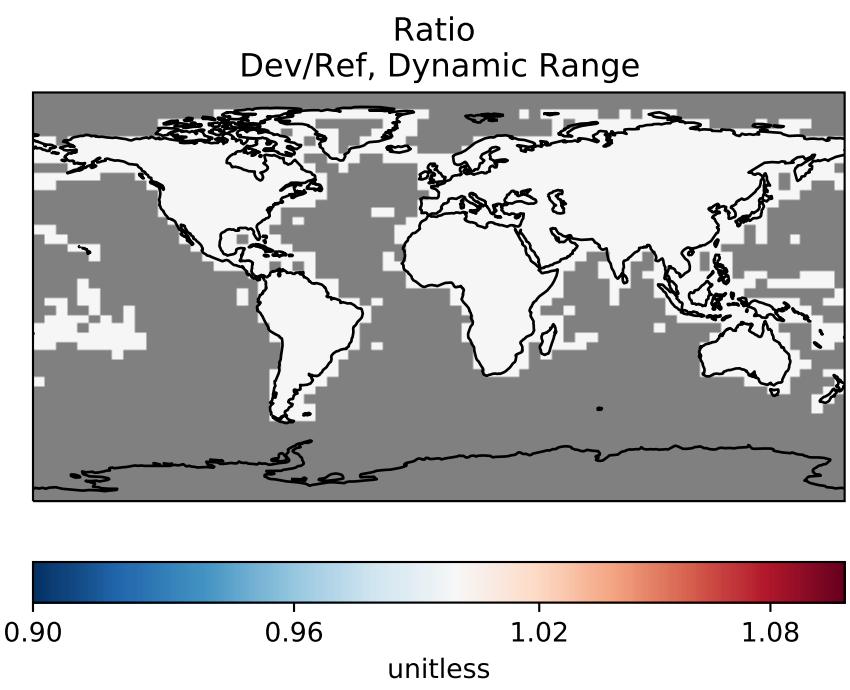
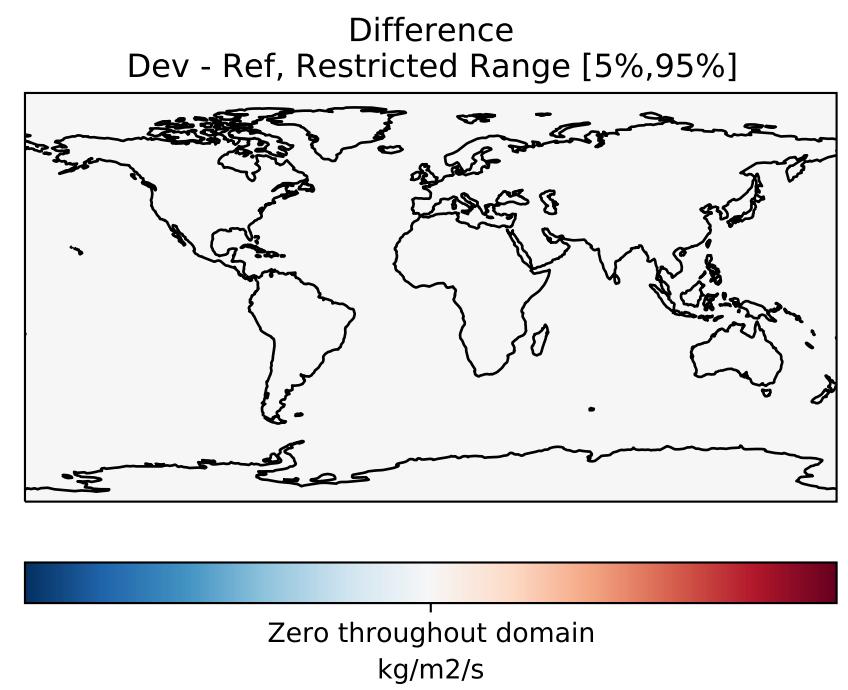
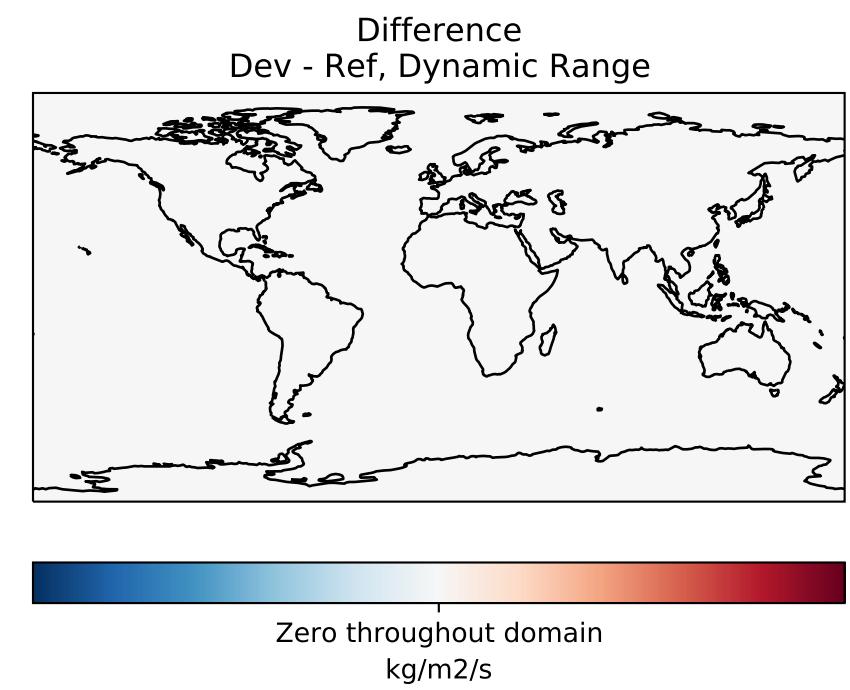
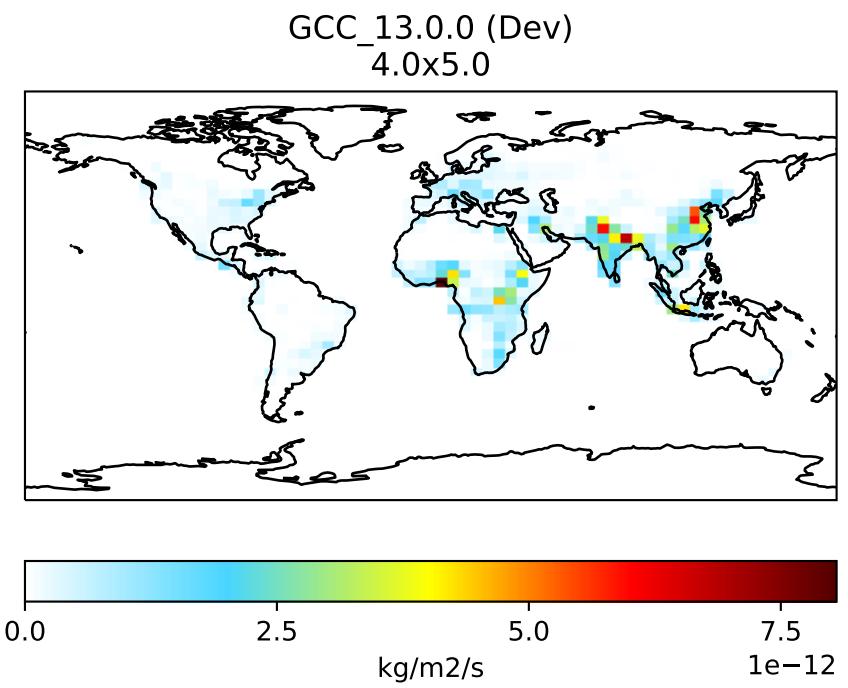
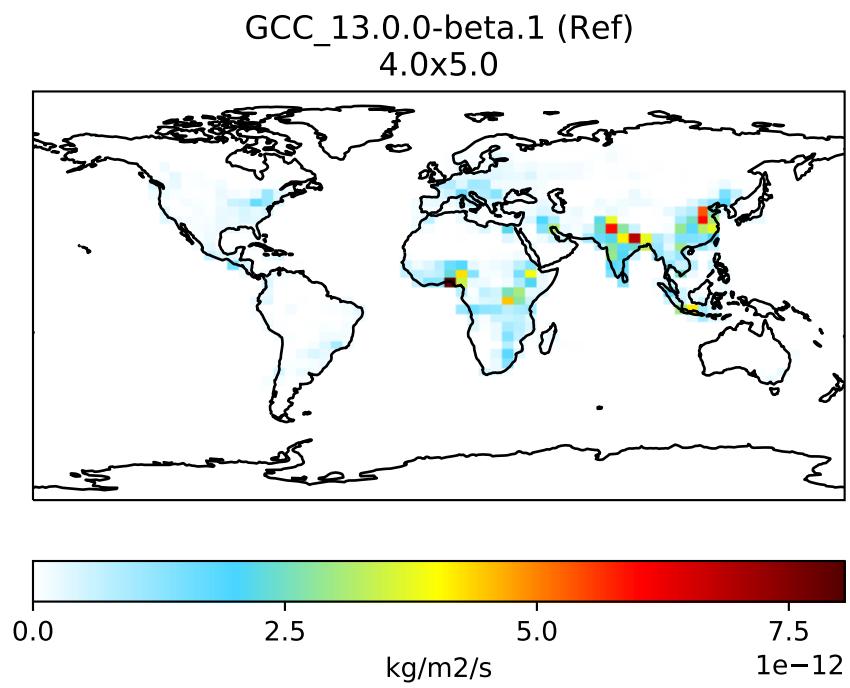
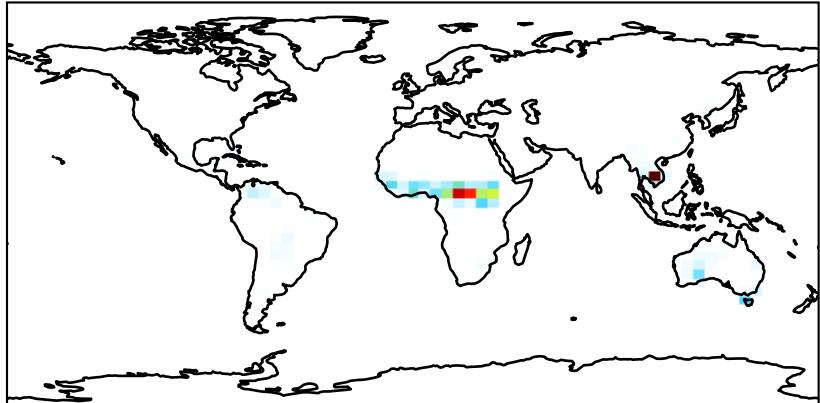


EmisALD2_Anthro (Jan2019)

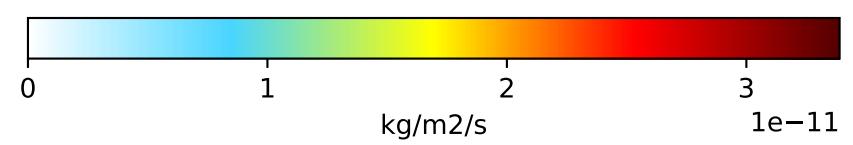
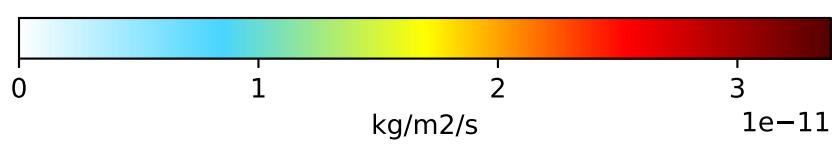
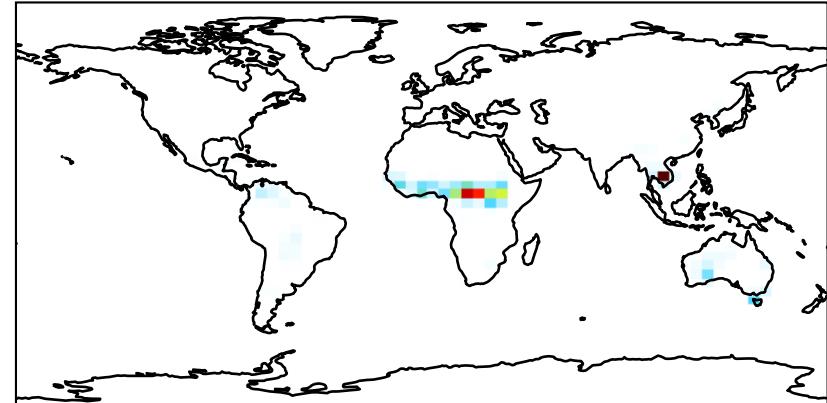


EmisALD2_BioBurn (Jan2019)

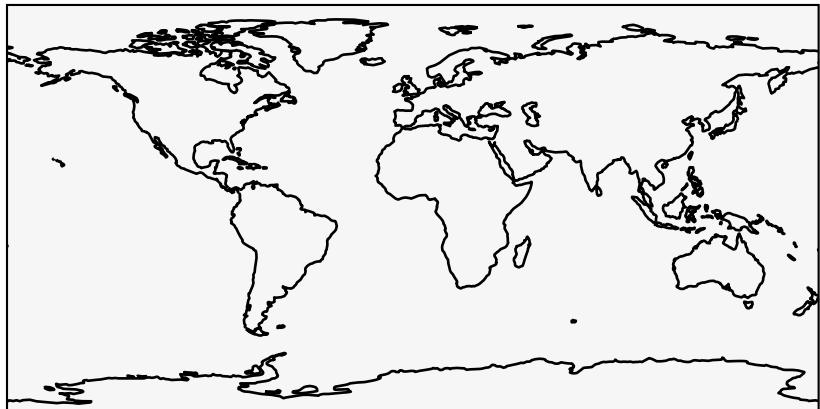
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



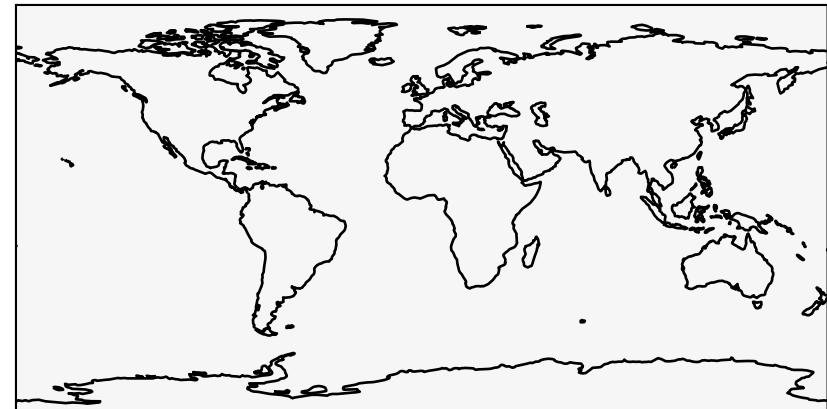
GCC_13.0.0 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



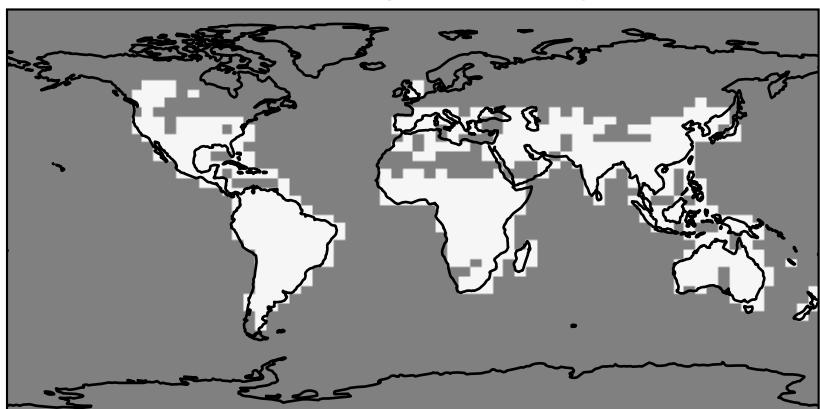
Difference
Dev - Ref, Restricted Range [5%,95%]



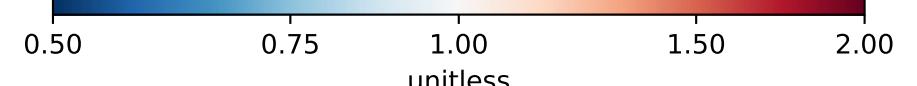
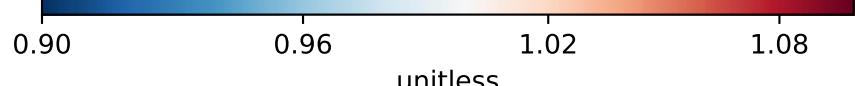
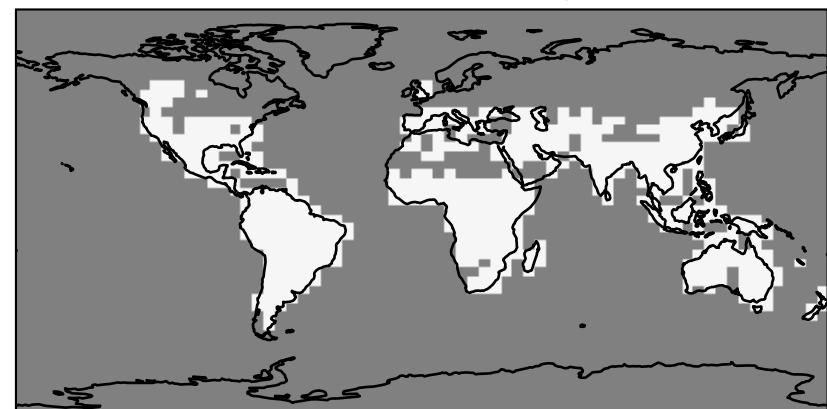
Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

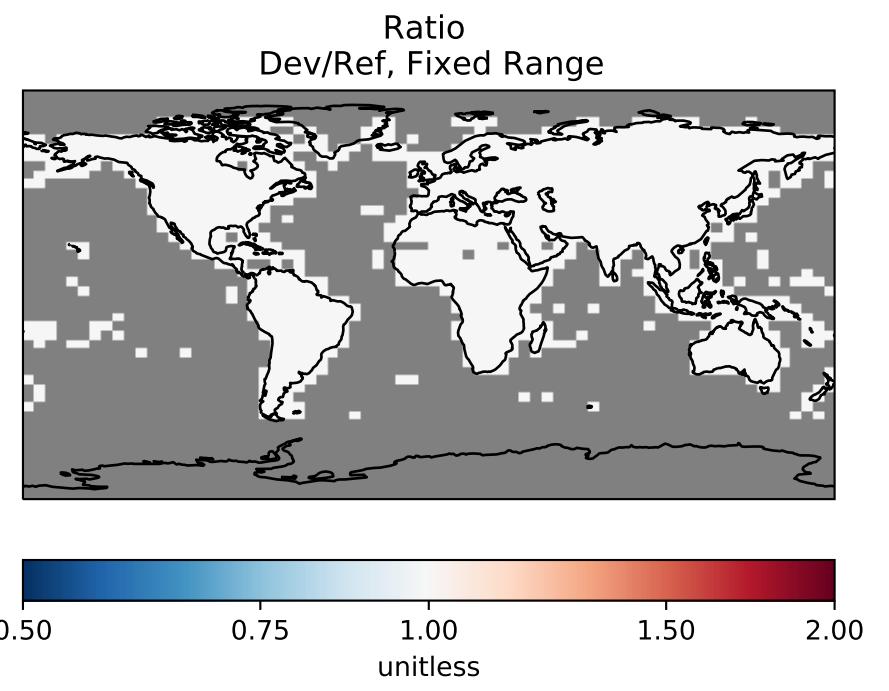
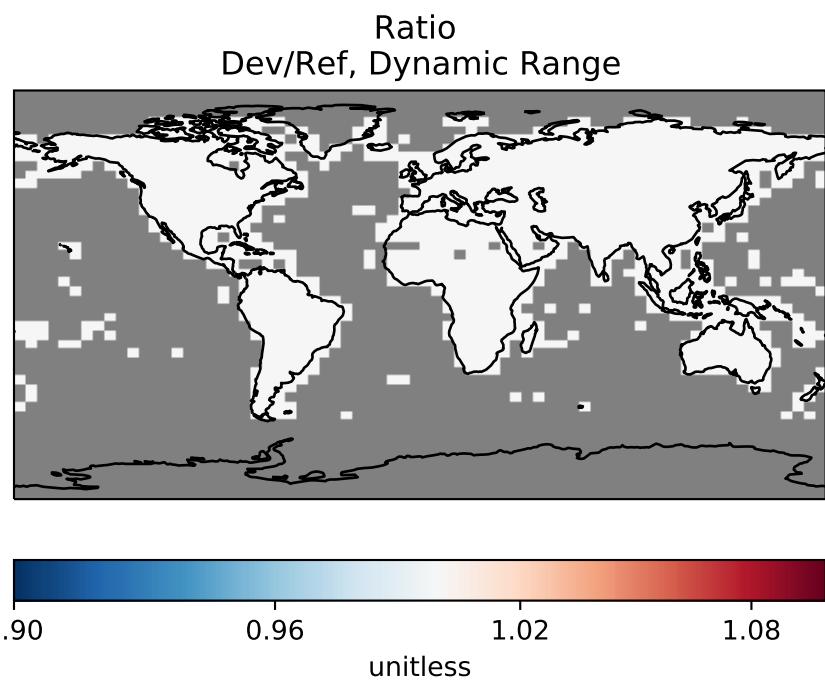
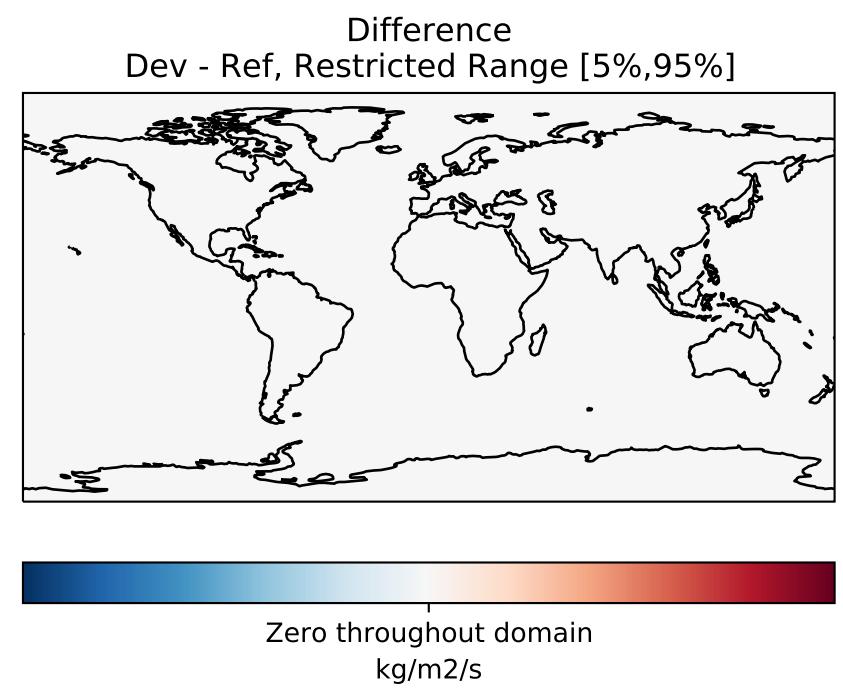
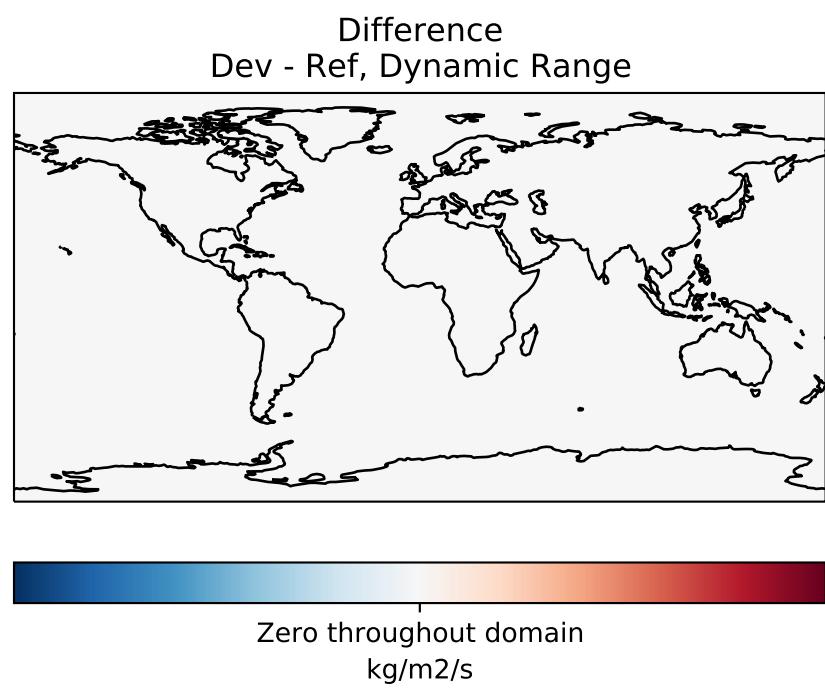
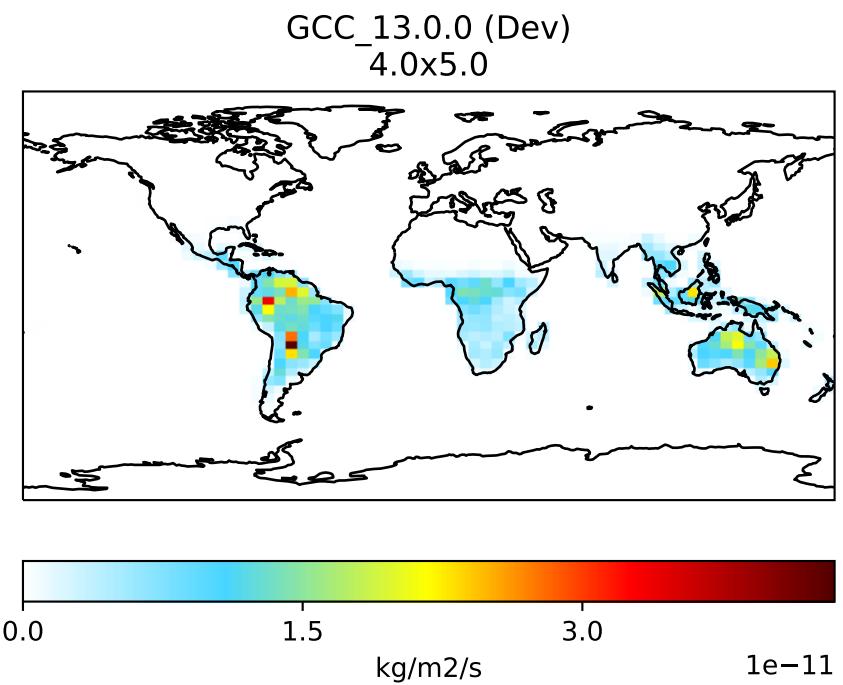
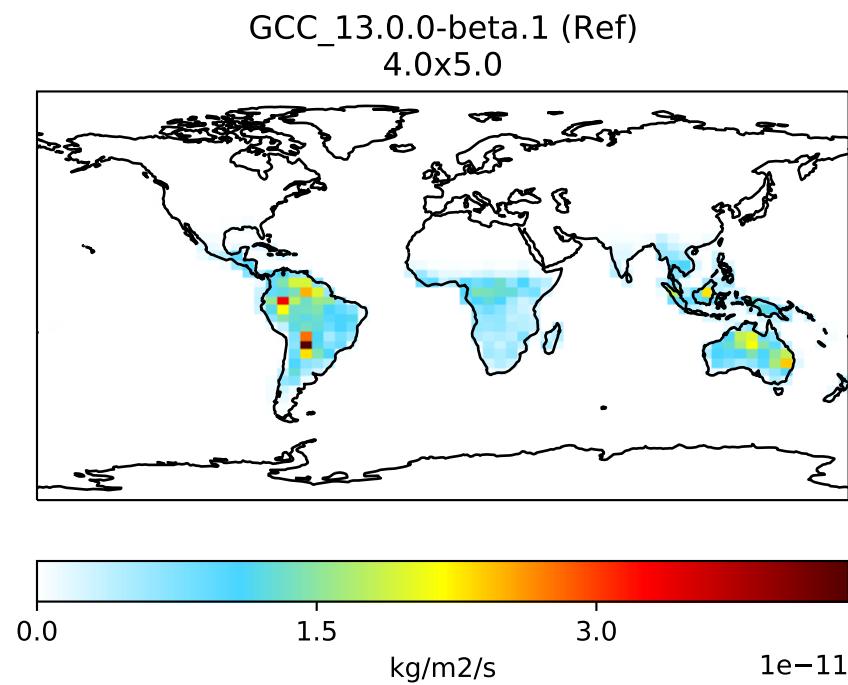
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

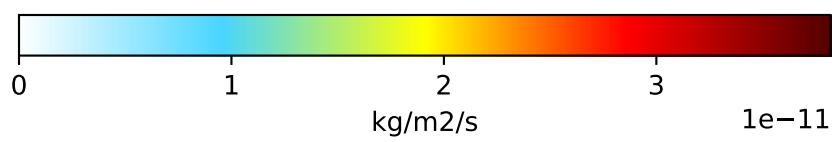
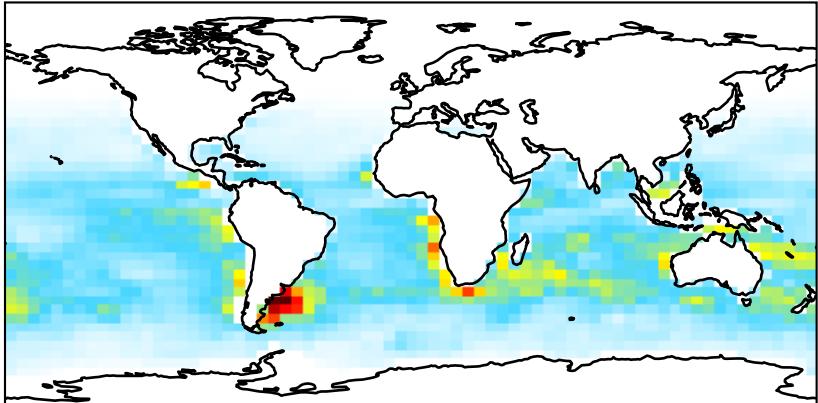


EmisALD2_Biogenic (Jan2019)

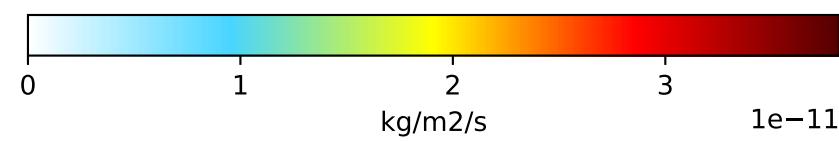
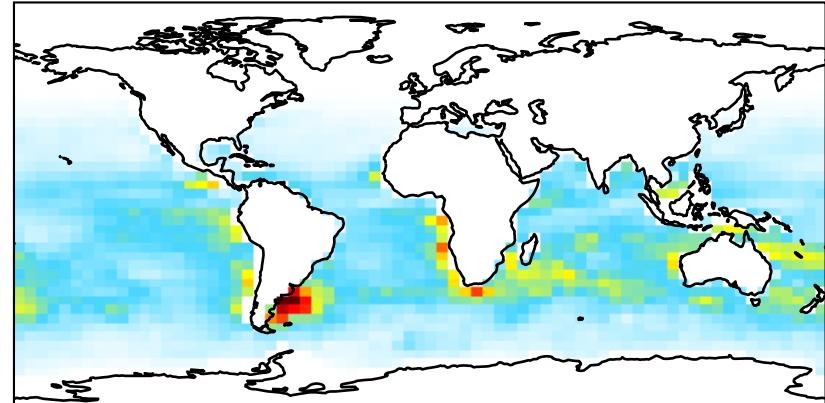


EmisALD2_Ocean (Jan2019)

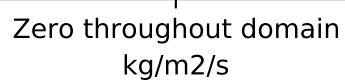
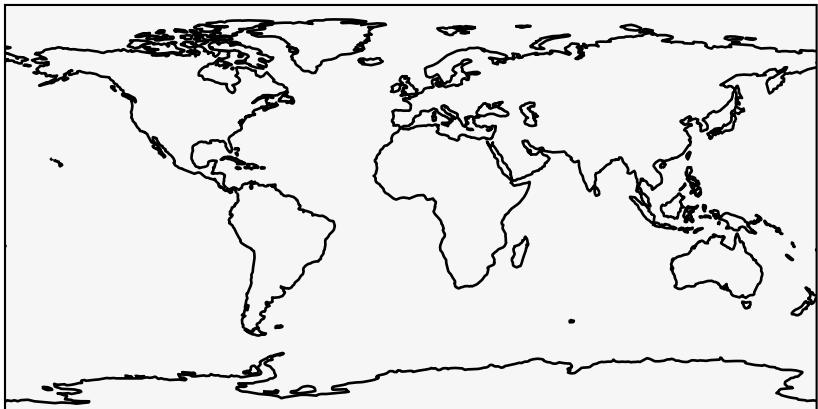
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



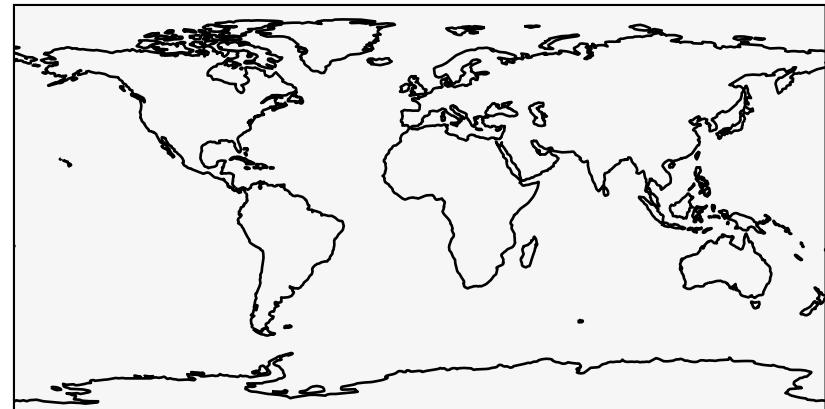
GCC_13.0.0 (Dev)
4.0x5.0



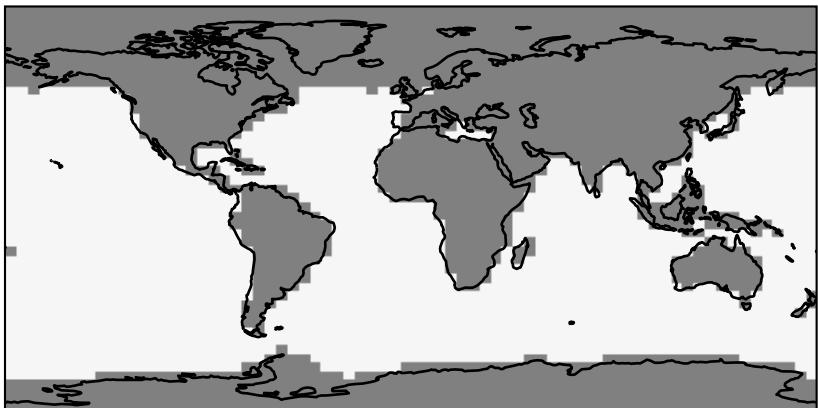
Difference
Dev - Ref, Dynamic Range



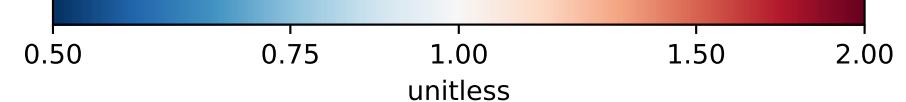
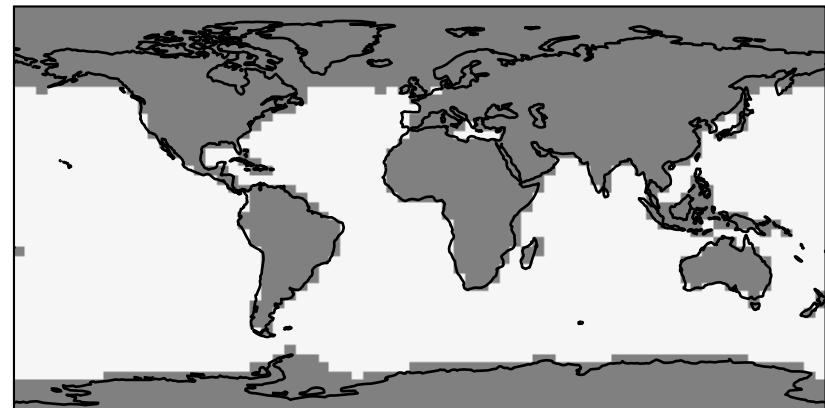
Difference
Dev - Ref, Restricted Range [5%,95%]



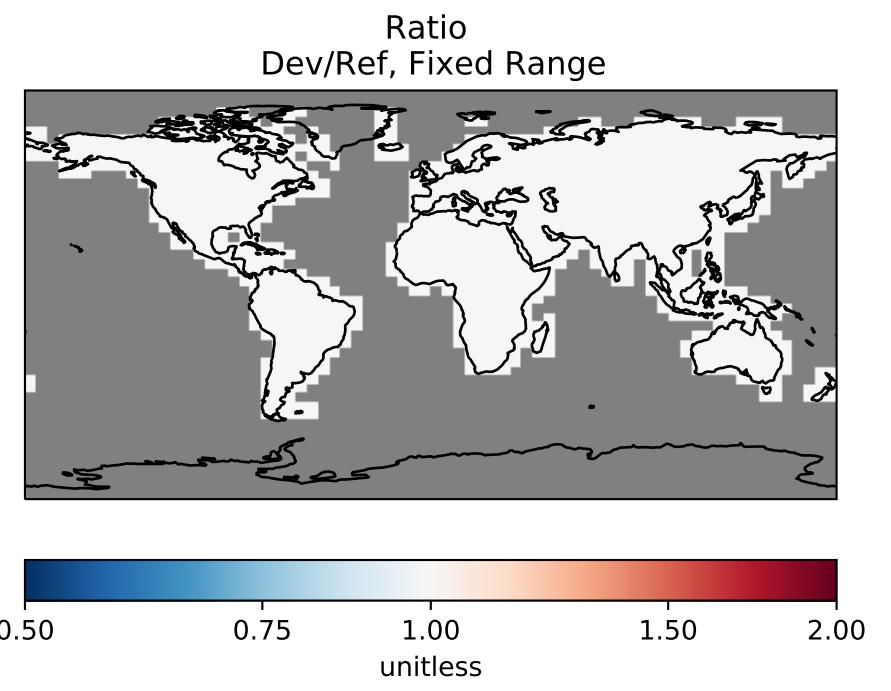
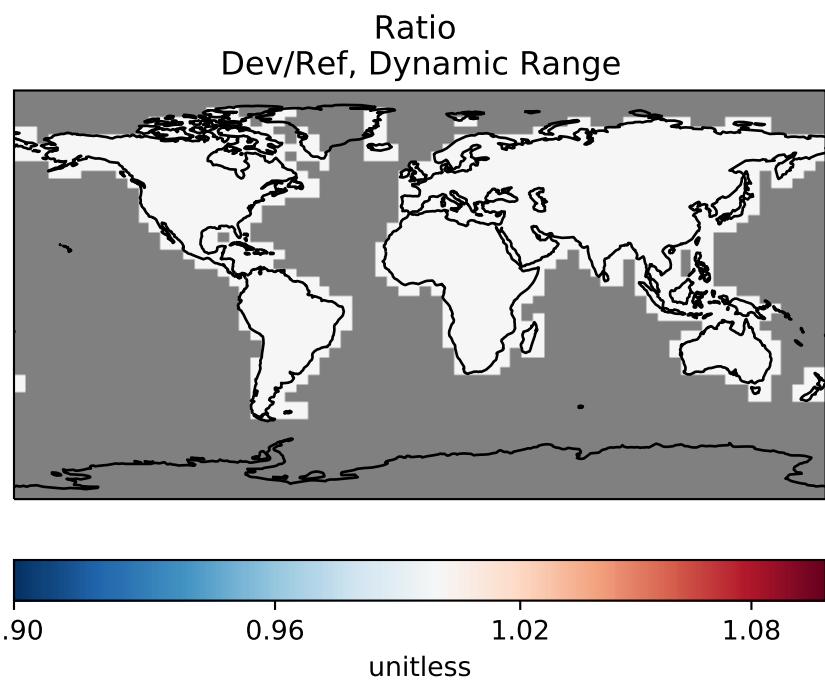
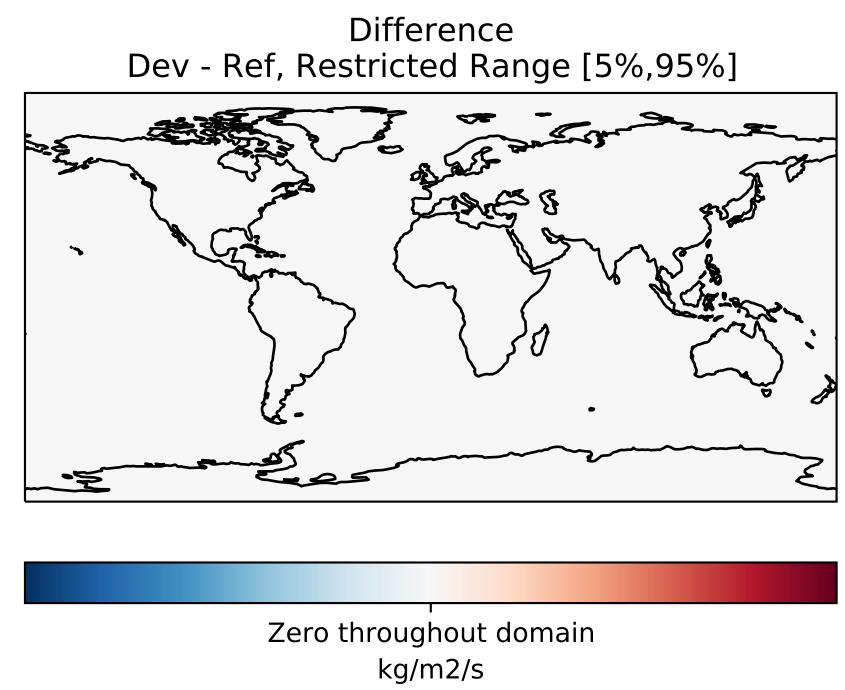
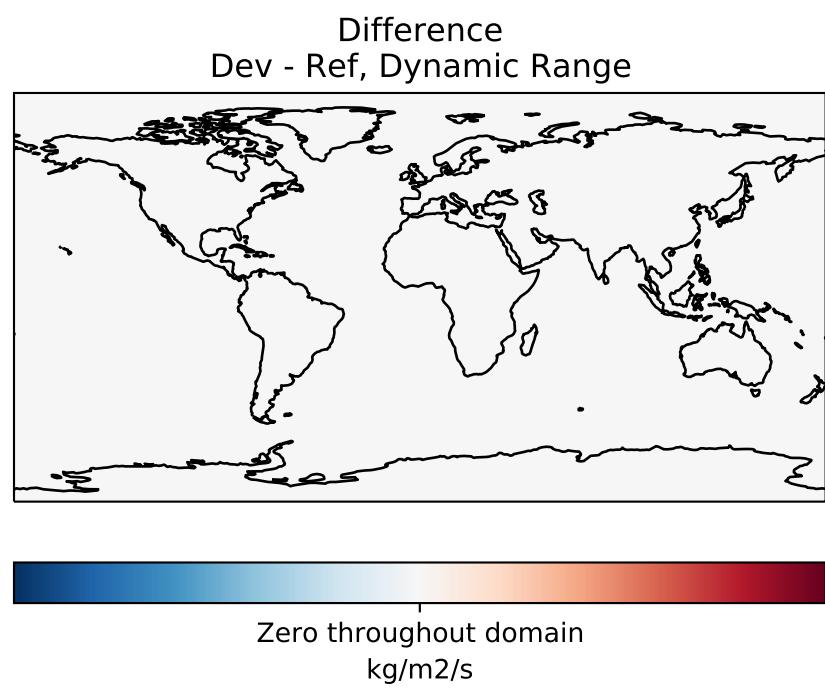
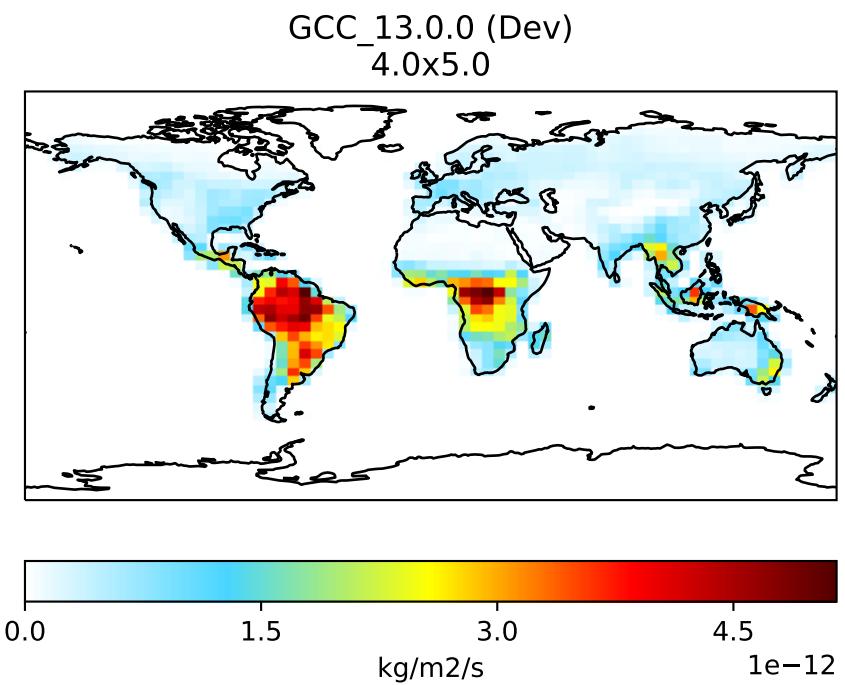
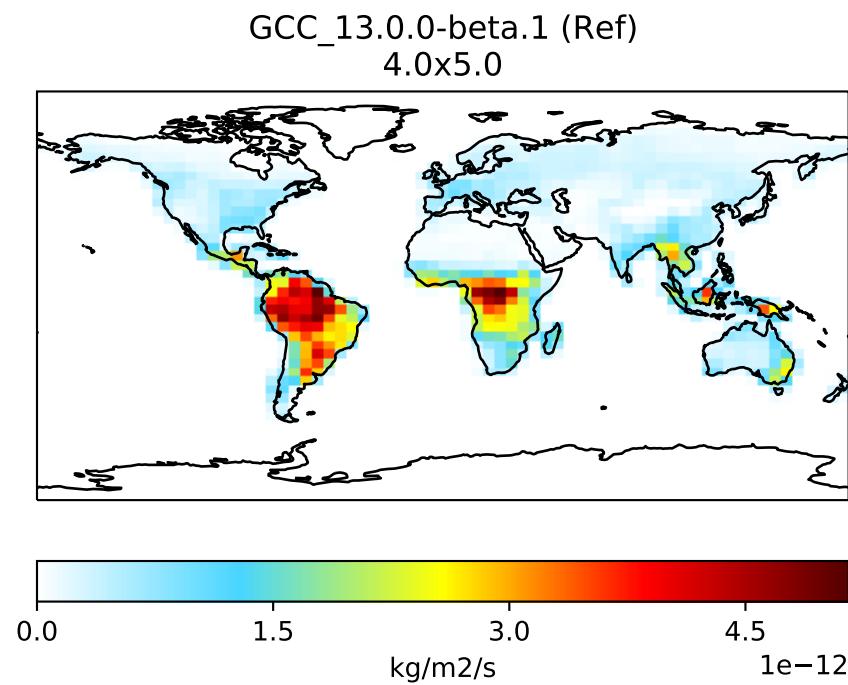
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

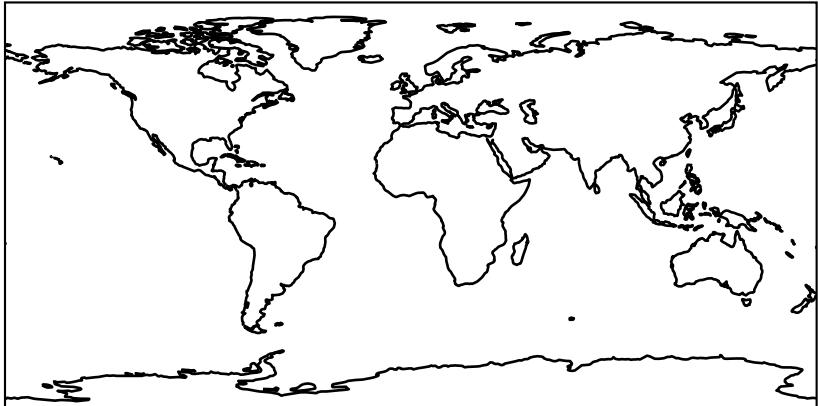


EmisALD2_PlantDecay (Jan2019)



EmisALD2_Ship (Jan2019)

GCC_13.0.0-beta.1 (Ref)
4.0x5.0



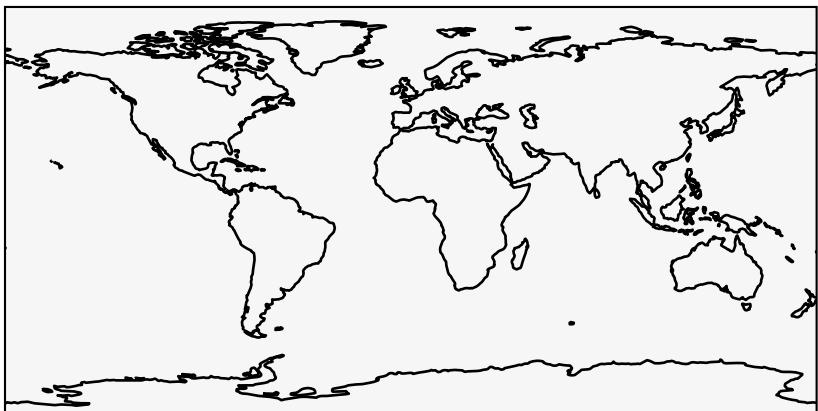
Zero throughout domain
kg/m²/s

GCC_13.0.0 (Dev)
4.0x5.0



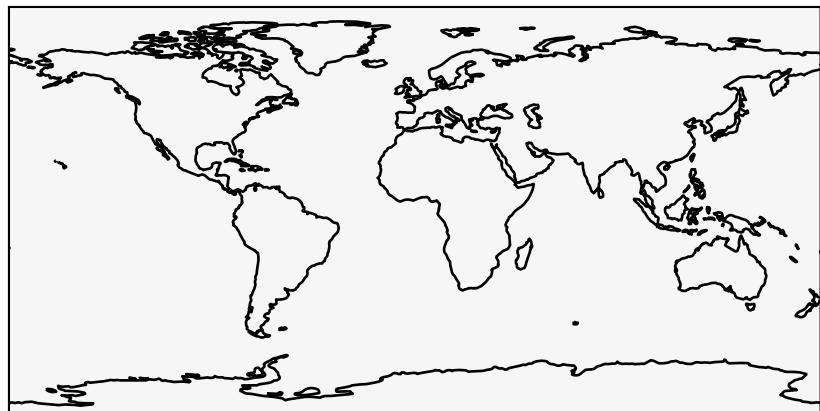
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



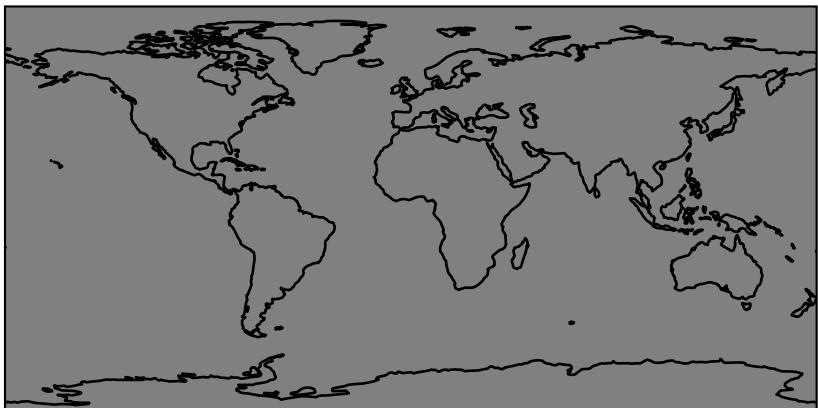
Zero throughout domain
kg/m²/s

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



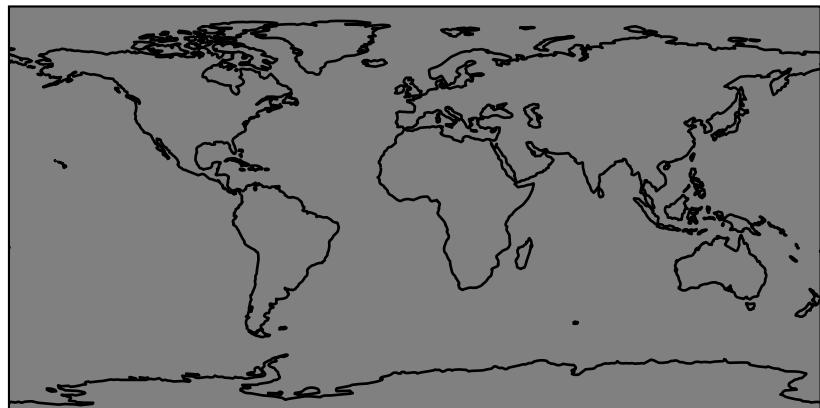
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

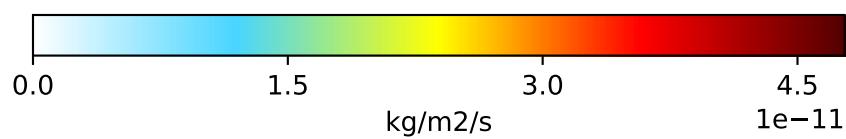
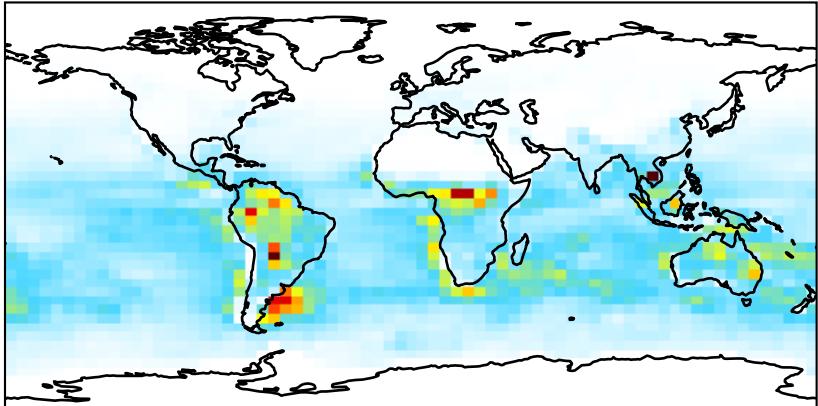
Ratio
Dev/Ref, Fixed Range



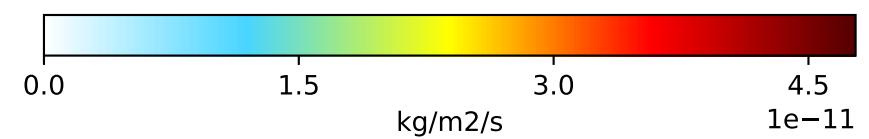
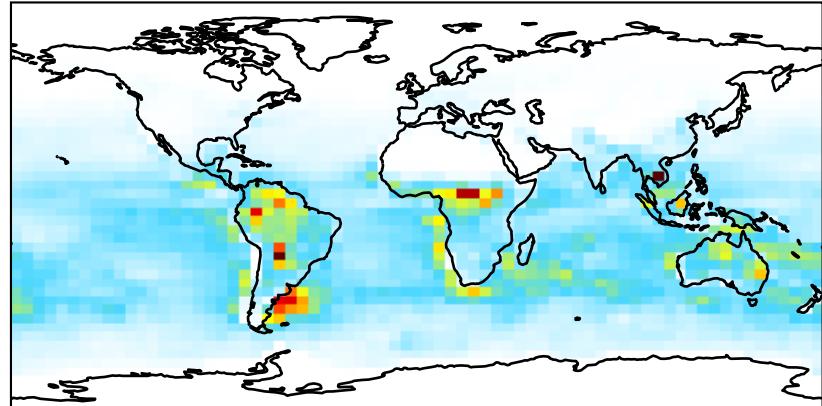
Undefined throughout domain
unitless

EmisALD2_Total (Jan2019)

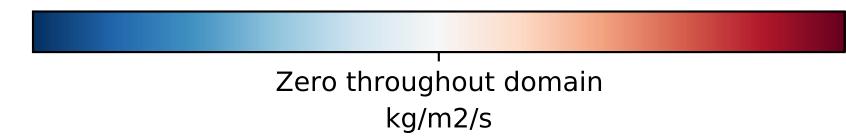
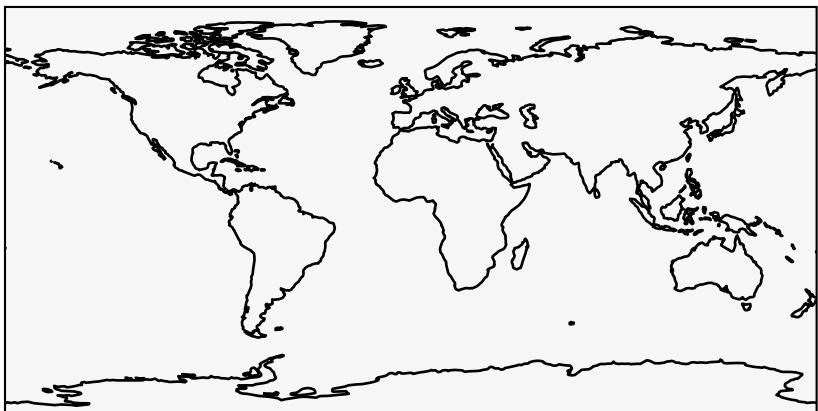
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



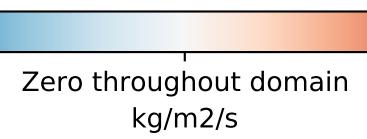
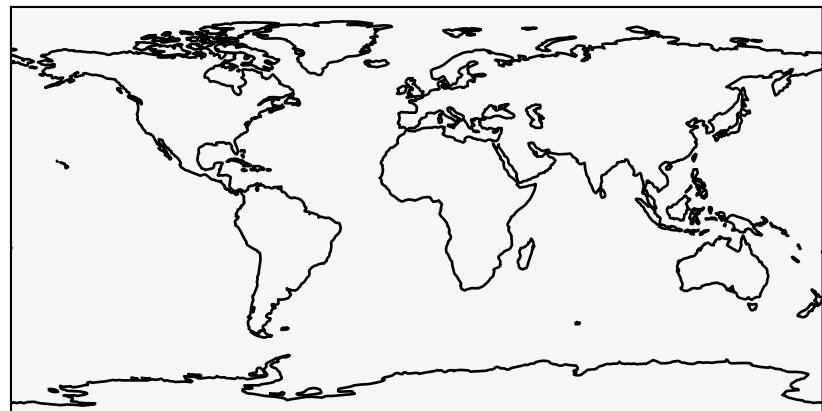
GCC_13.0.0 (Dev)
4.0x5.0



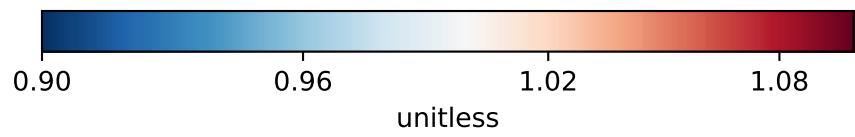
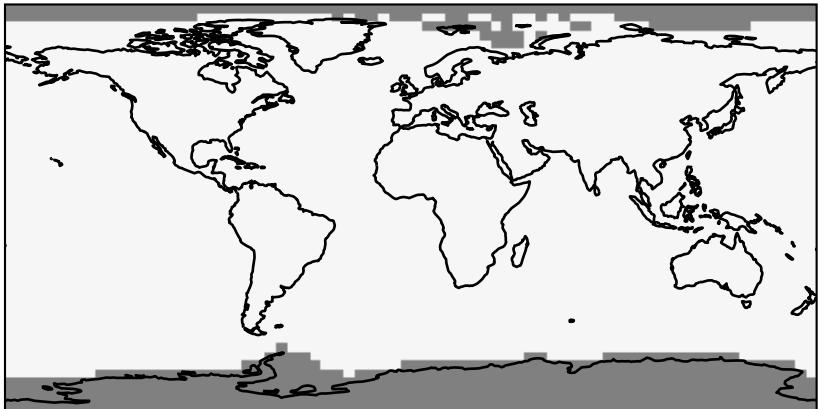
Difference
Dev - Ref, Dynamic Range



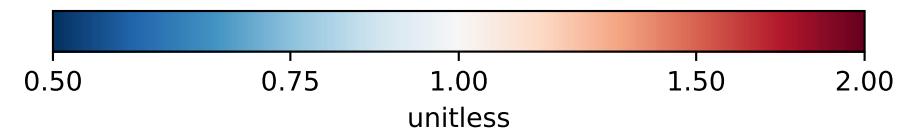
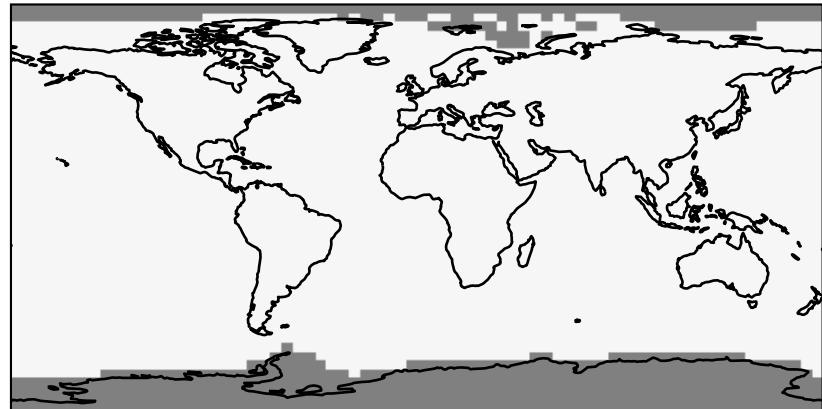
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

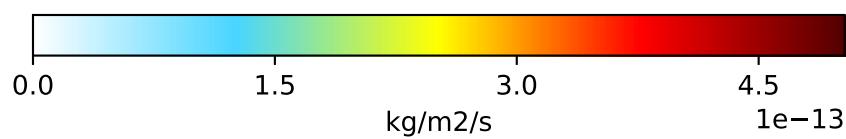
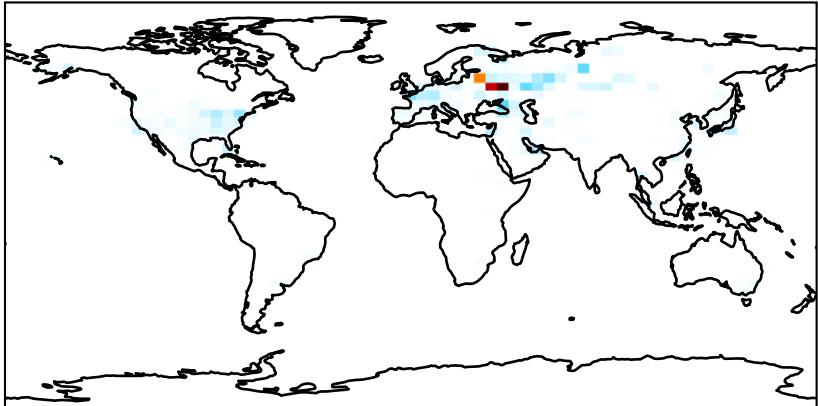


Ratio
Dev/Ref, Fixed Range

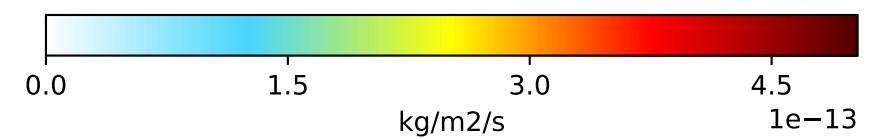
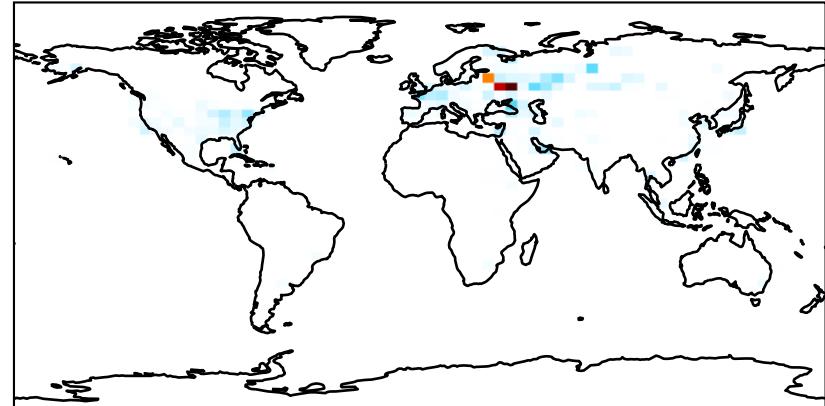


EmisCH2O_Aircraft (Jan2019)

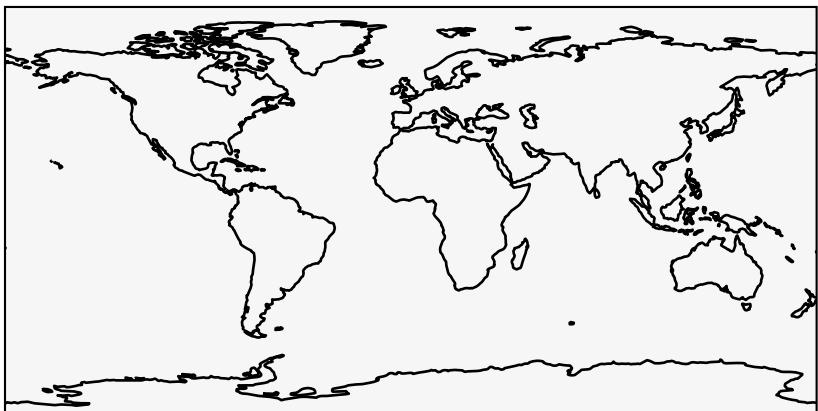
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



GCC_13.0.0 (Dev)
4.0x5.0

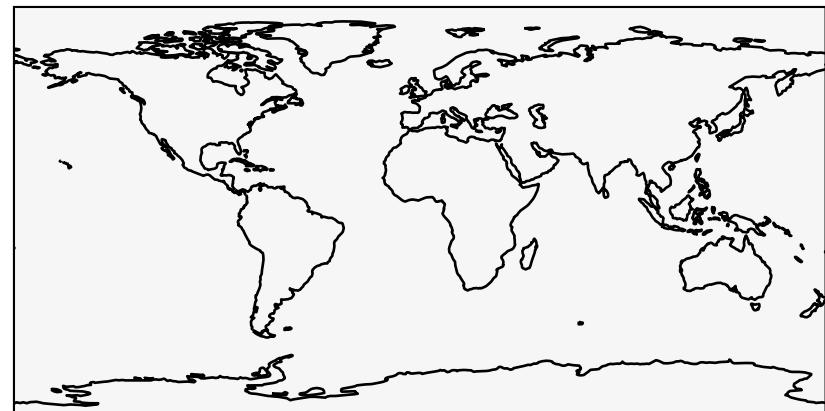


Difference
Dev - Ref, Dynamic Range



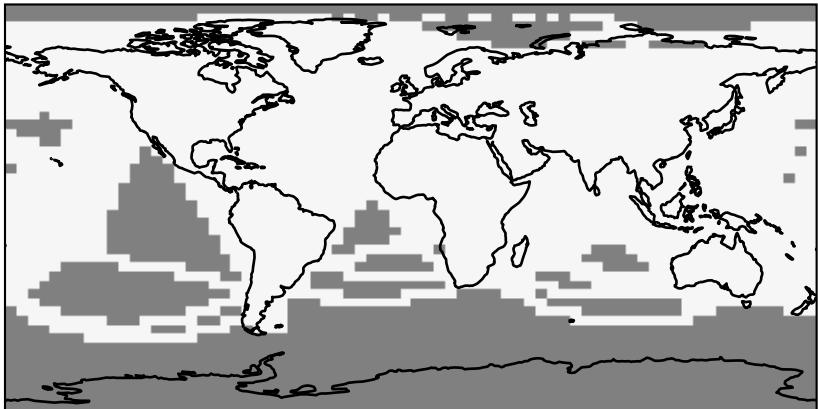
Zero throughout domain
kg/m²/s

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

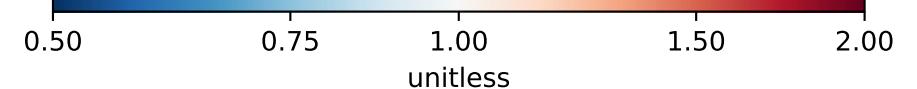
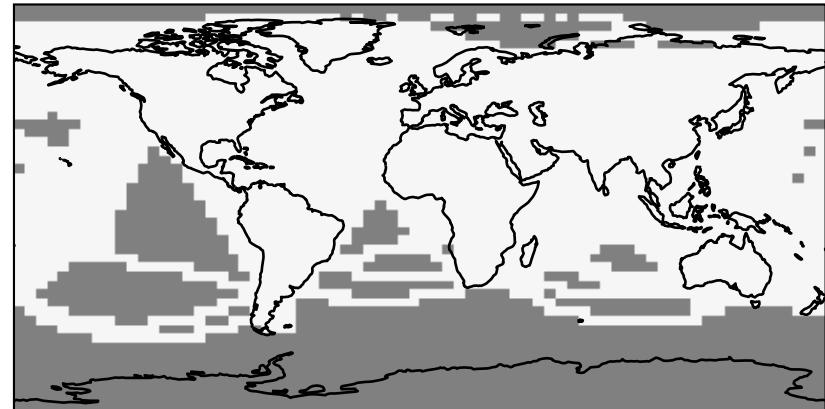


Zero throughout domain
kg/m²/s

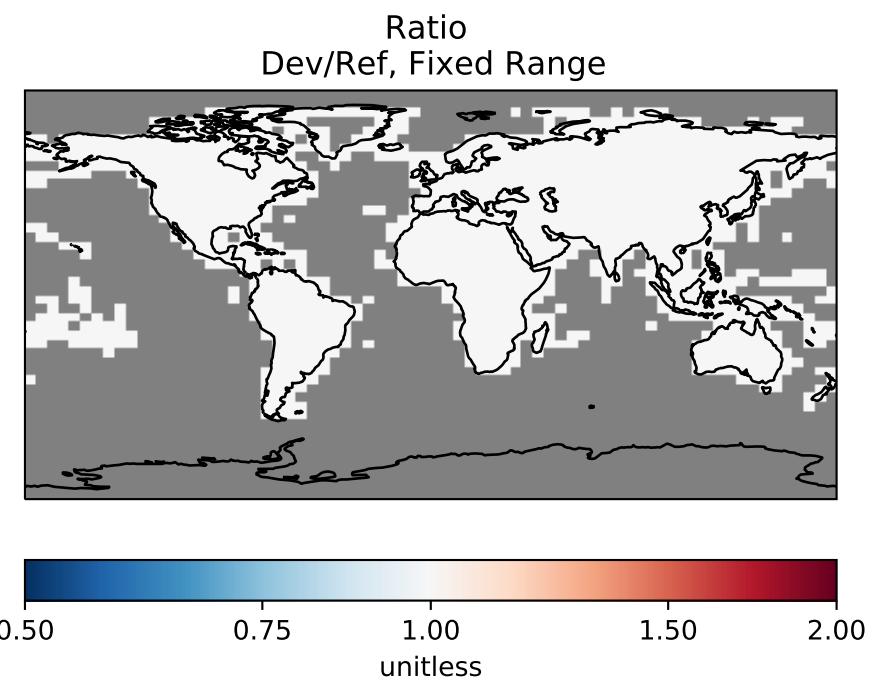
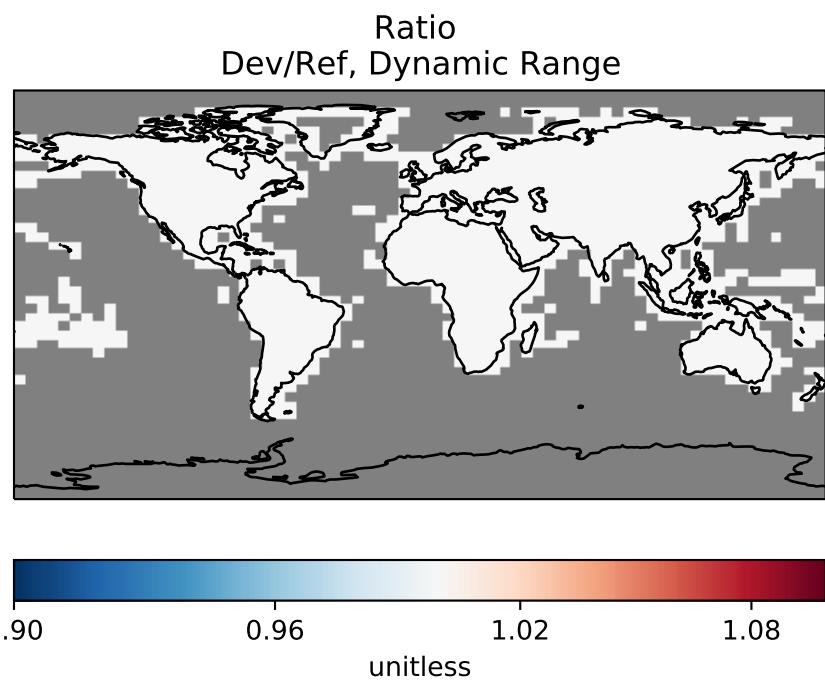
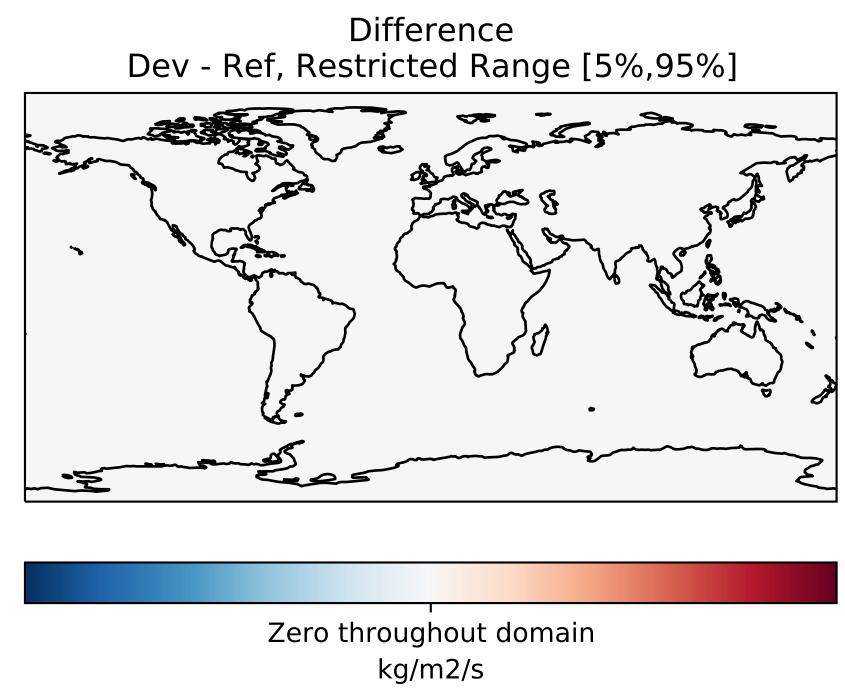
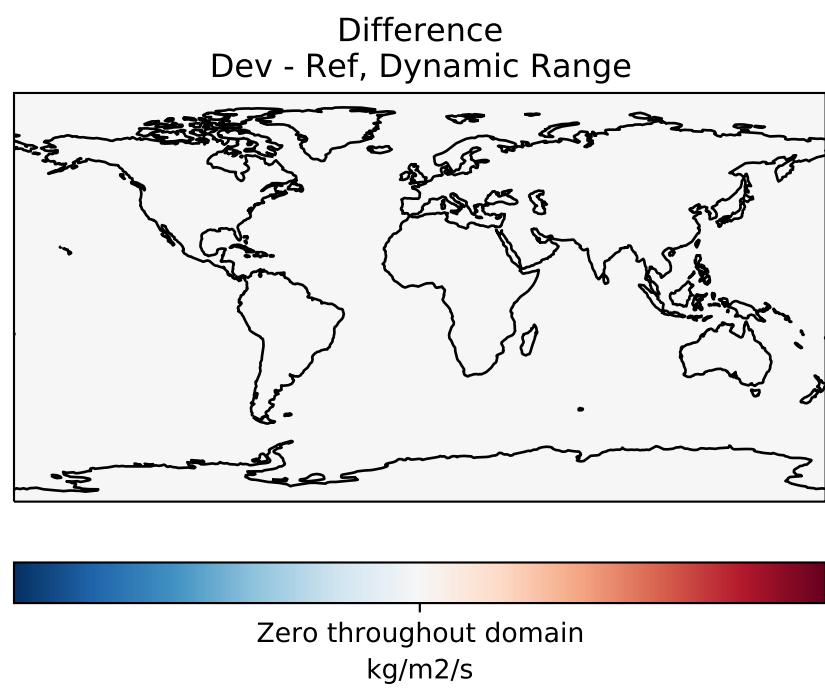
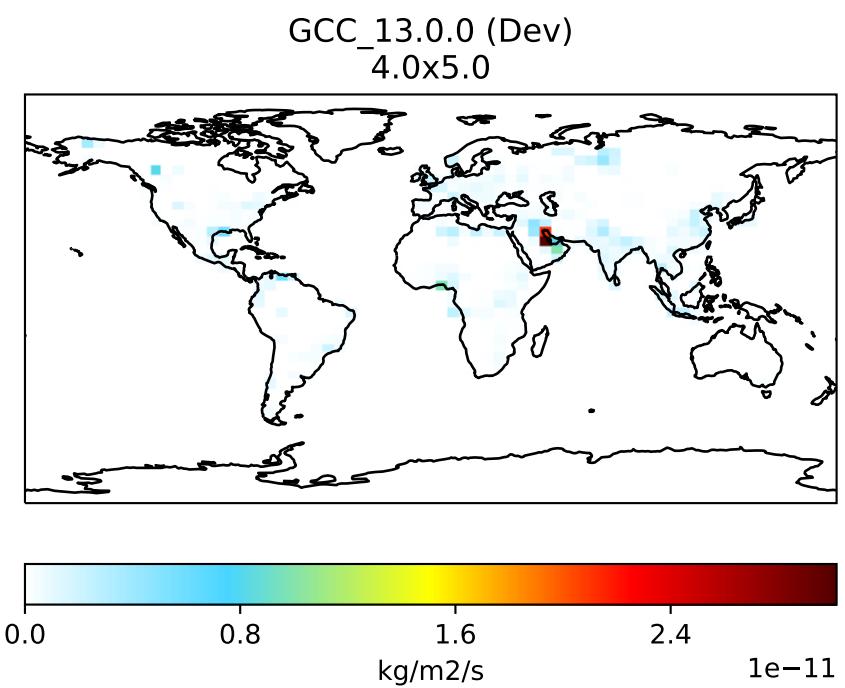
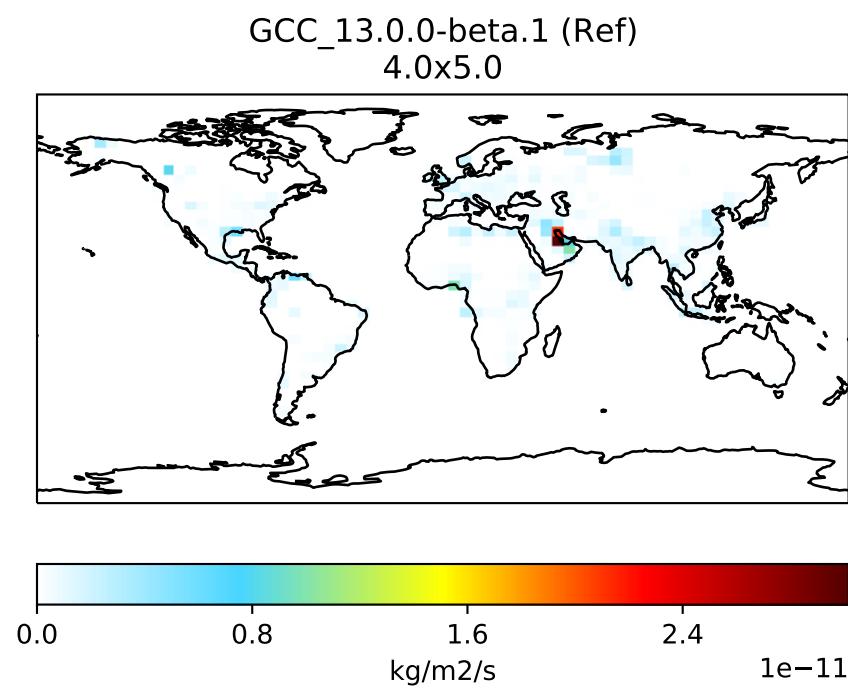
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

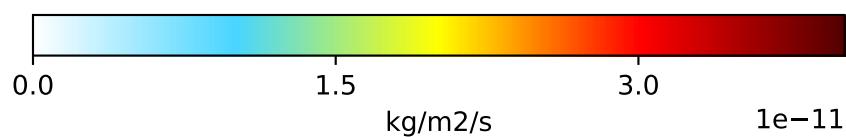
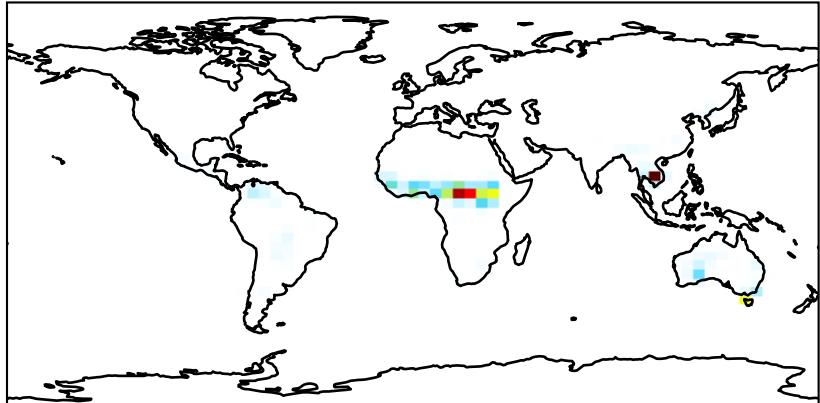


EmisCH2O_Anthro (Jan2019)

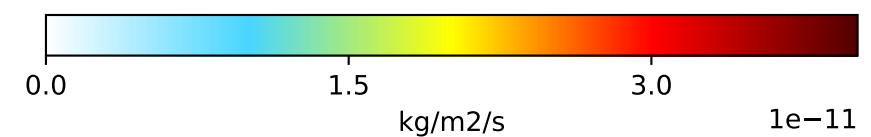
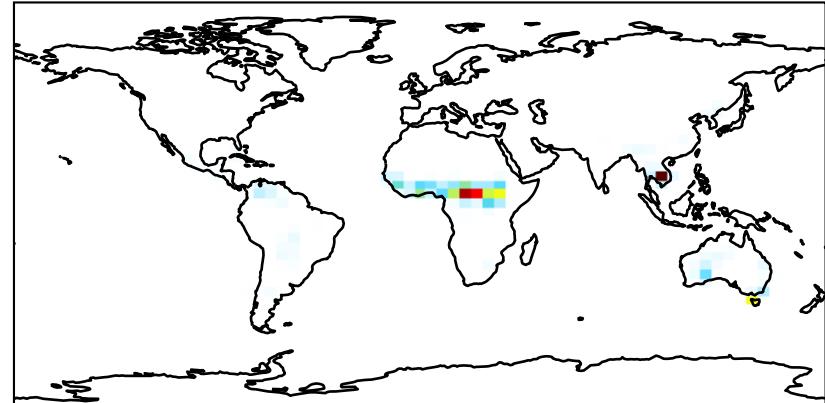


EmisCH2O_BioBurn (Jan2019)

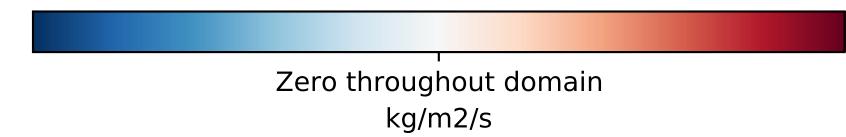
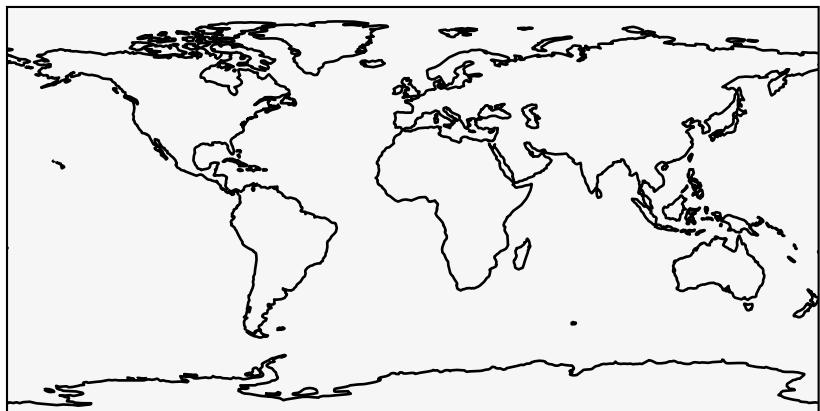
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



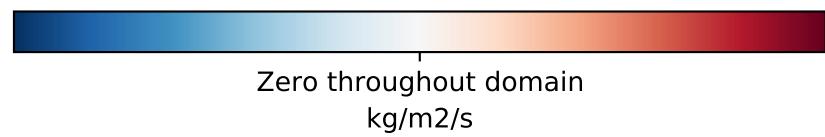
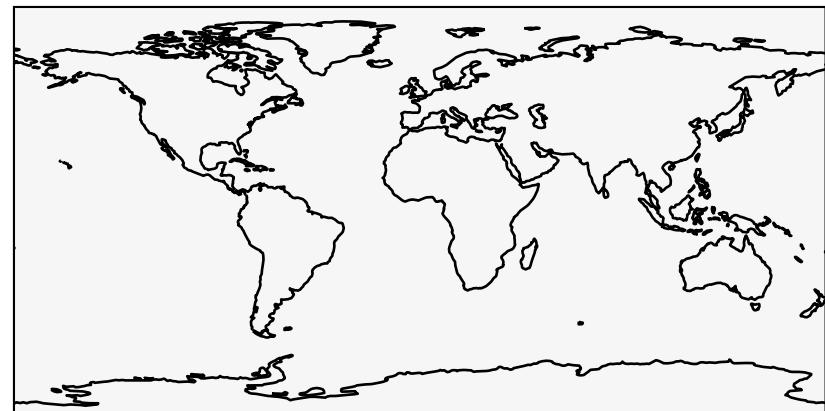
GCC_13.0.0 (Dev)
4.0x5.0



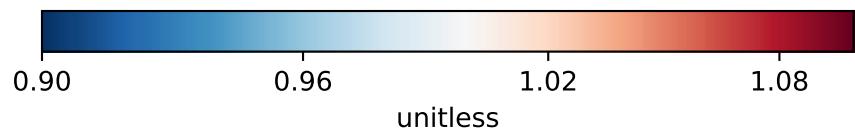
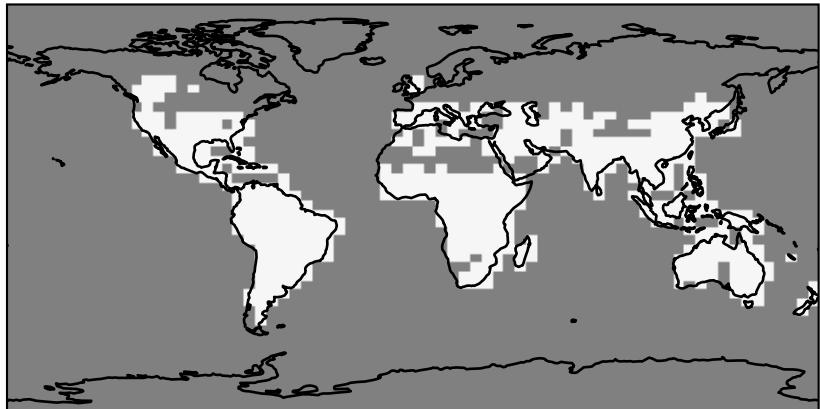
Difference
Dev - Ref, Dynamic Range



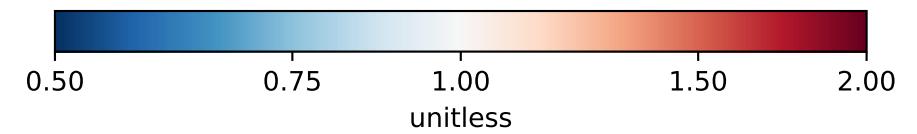
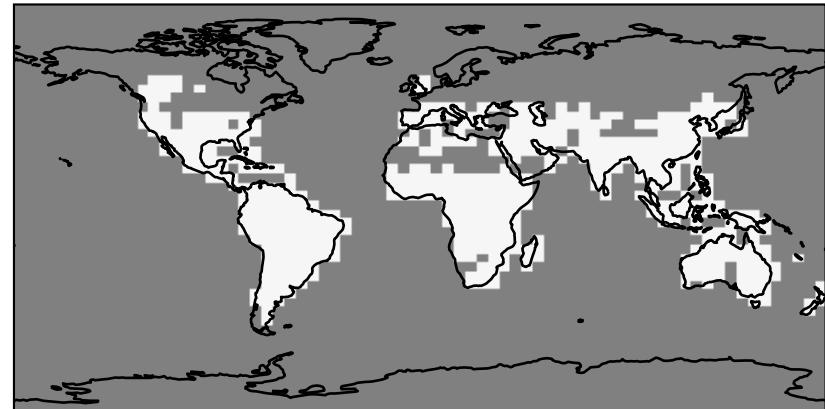
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

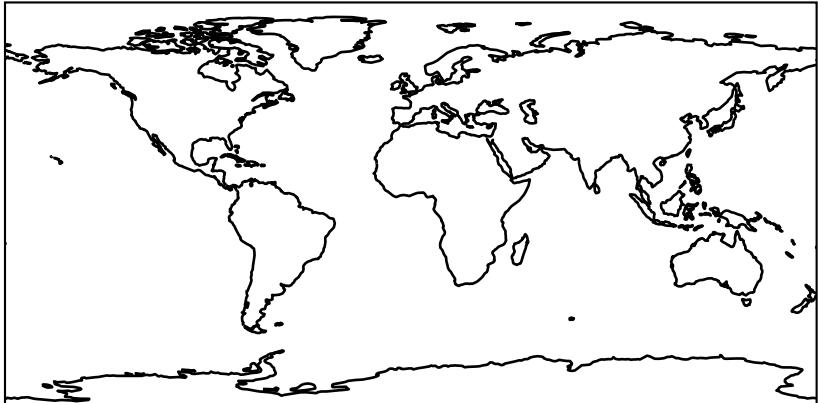


Ratio
Dev/Ref, Fixed Range



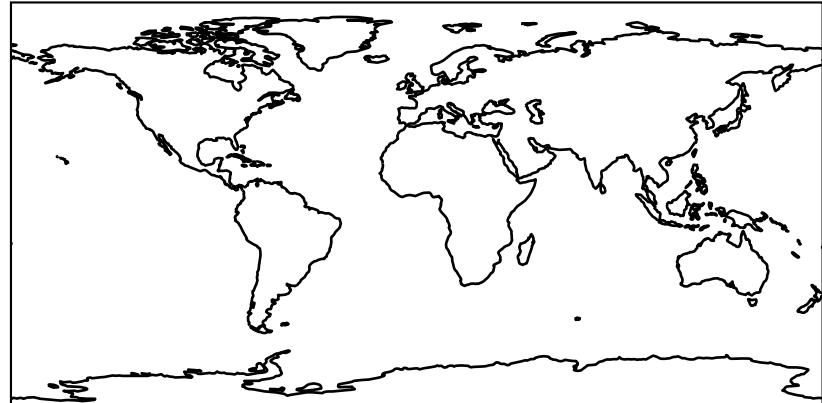
EmisCH2O_Ship (Jan2019)

GCC_13.0.0-beta.1 (Ref)
4.0x5.0



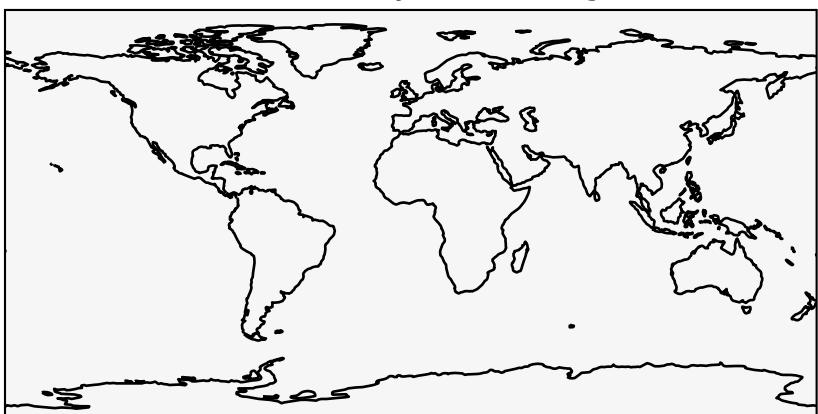
Zero throughout domain
kg/m²/s

GCC_13.0.0 (Dev)
4.0x5.0



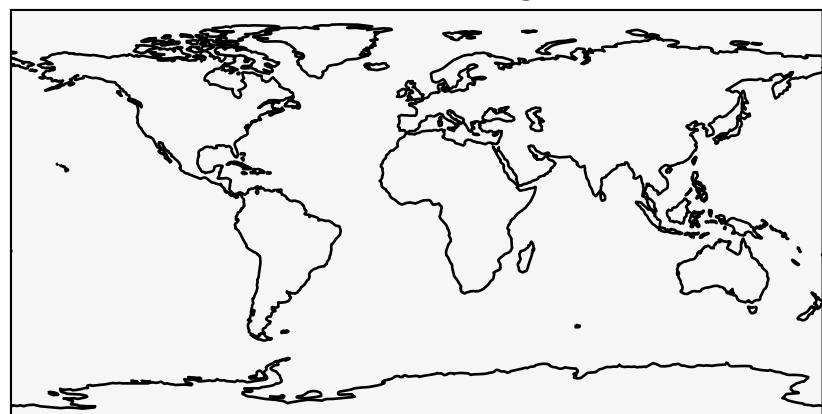
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



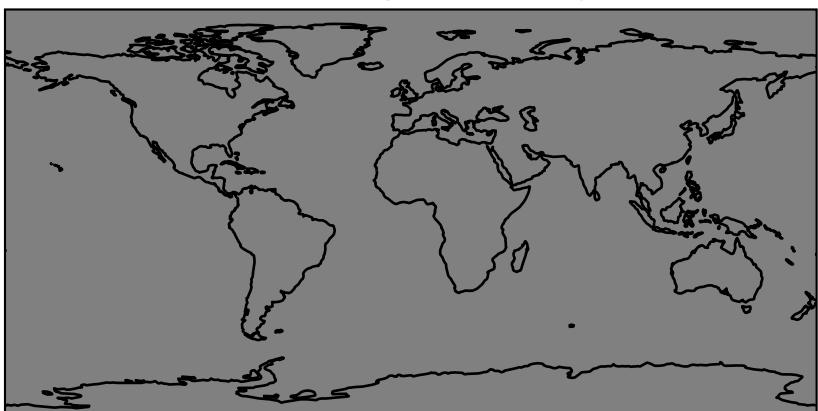
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kg/m²/s

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



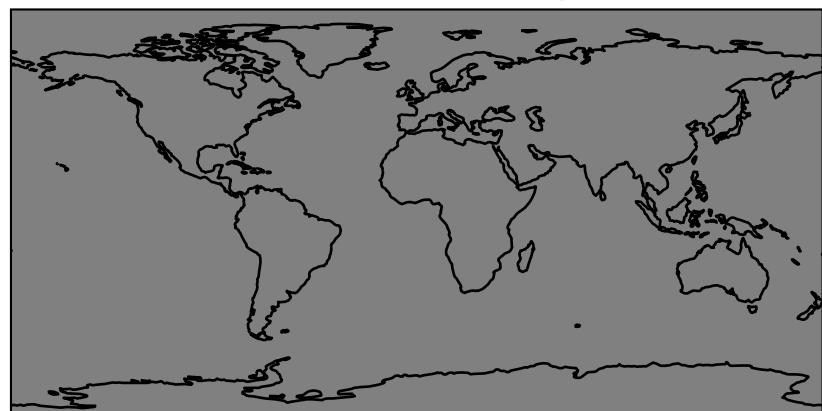
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

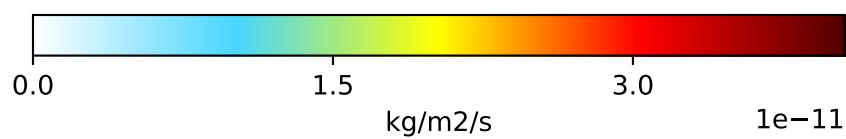
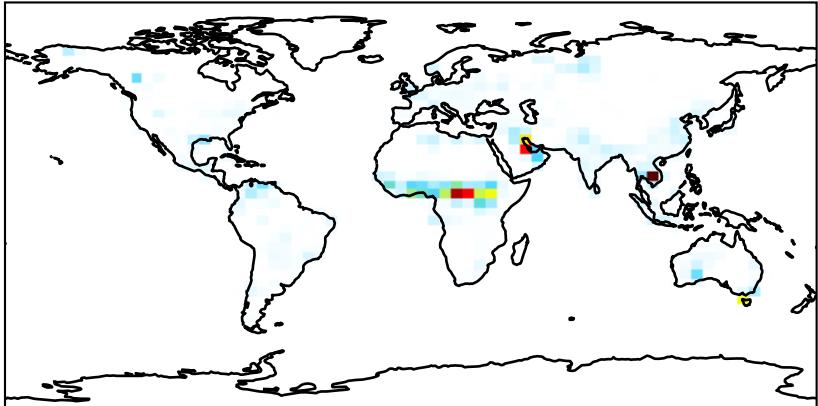
Ratio
Dev/Ref, Fixed Range



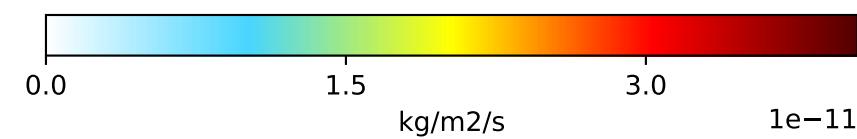
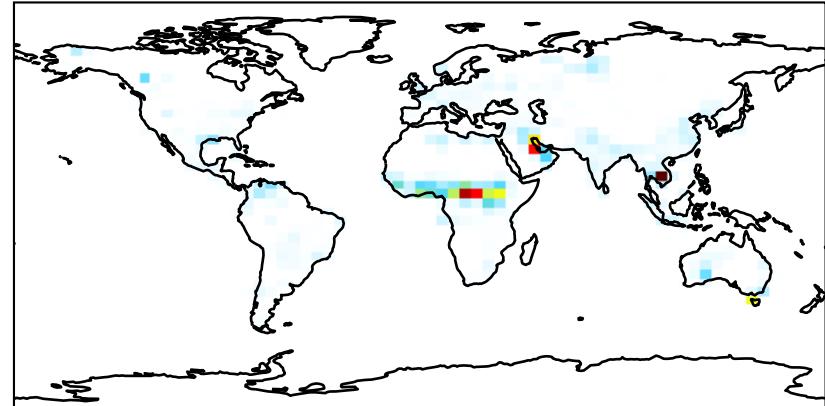
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EmisCH2O_Total (Jan2019)

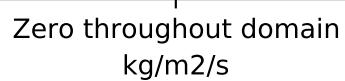
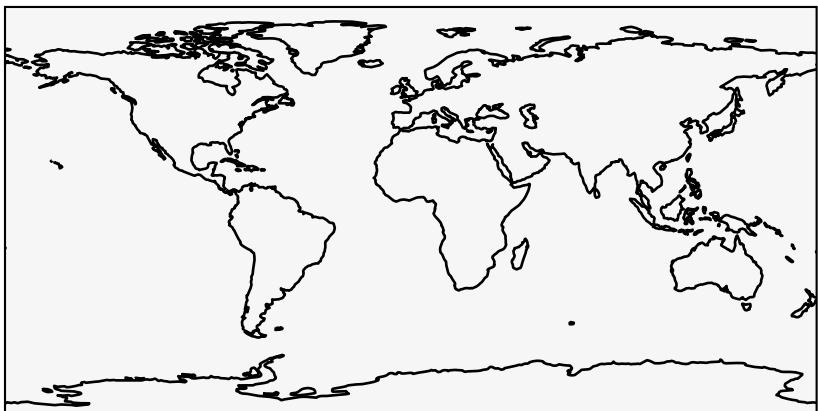
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



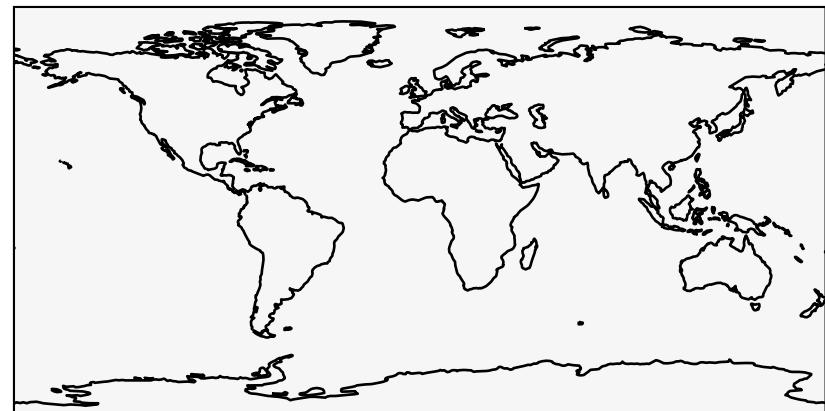
GCC_13.0.0 (Dev)
4.0x5.0



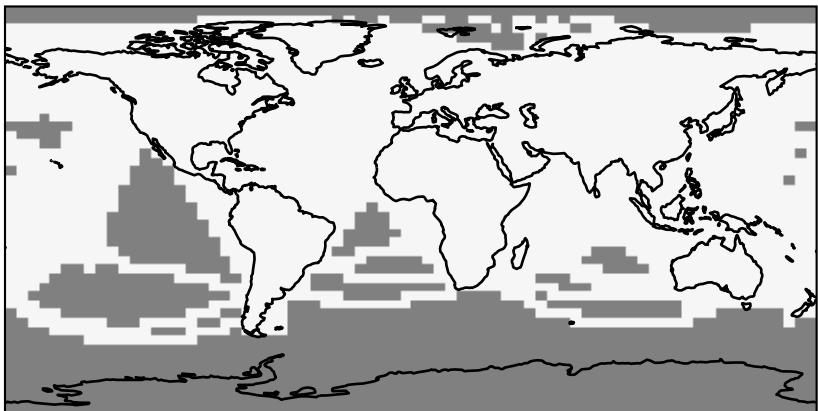
Difference
Dev - Ref, Dynamic Range



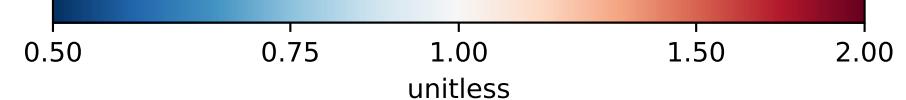
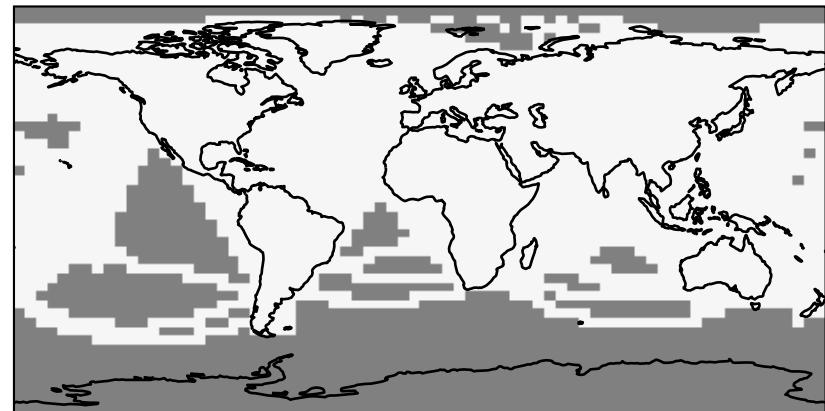
Difference
Dev - Ref, Restricted Range [5%,95%]



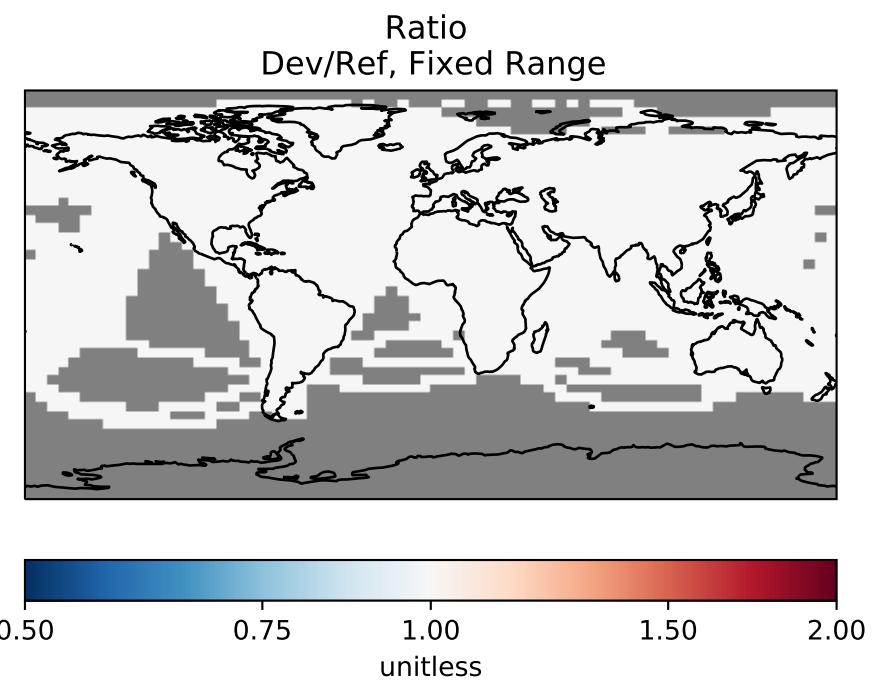
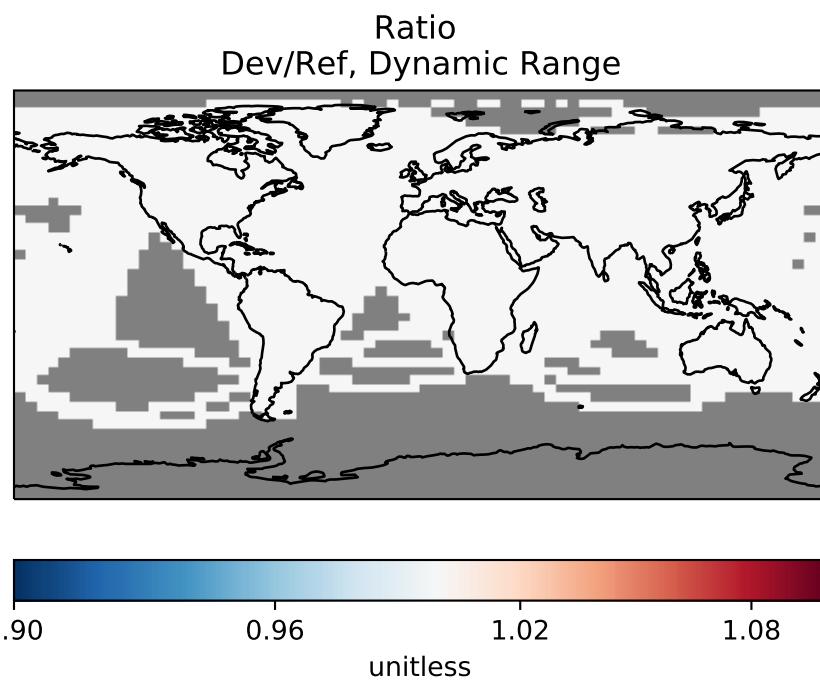
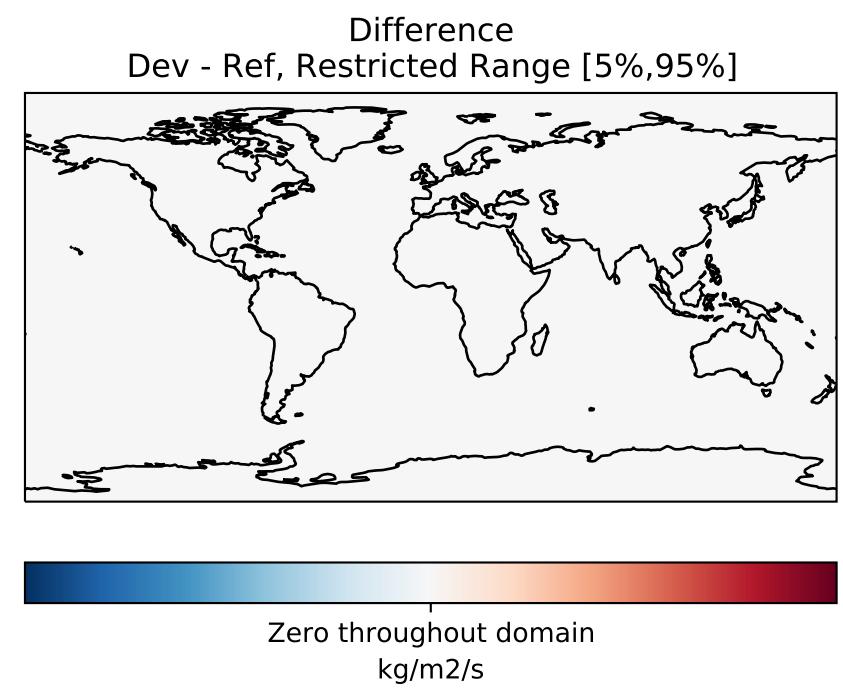
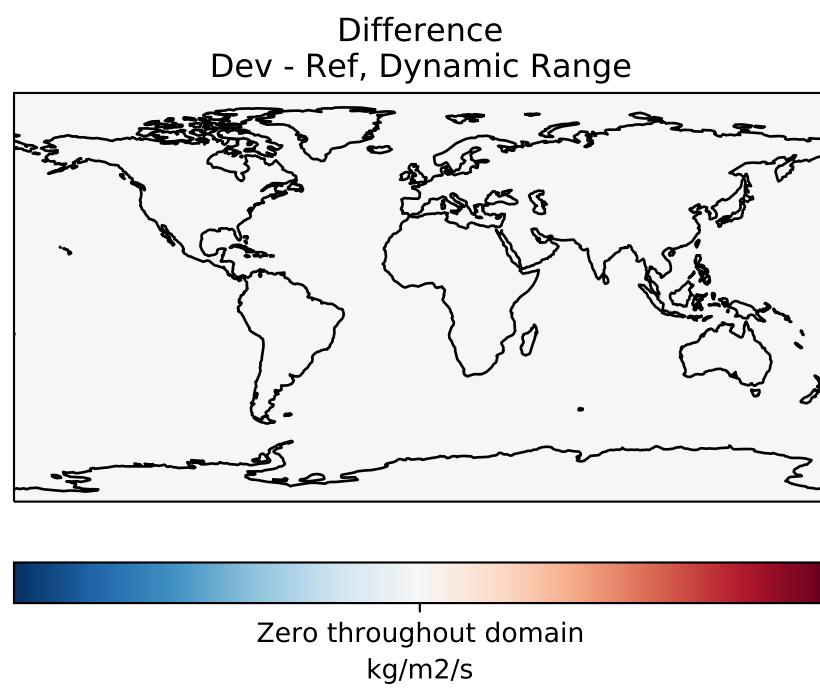
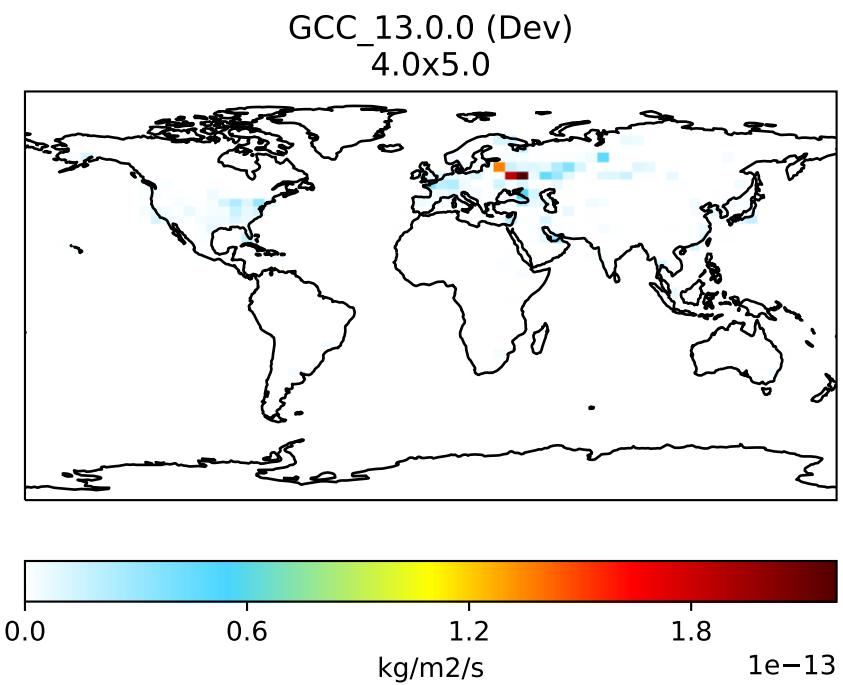
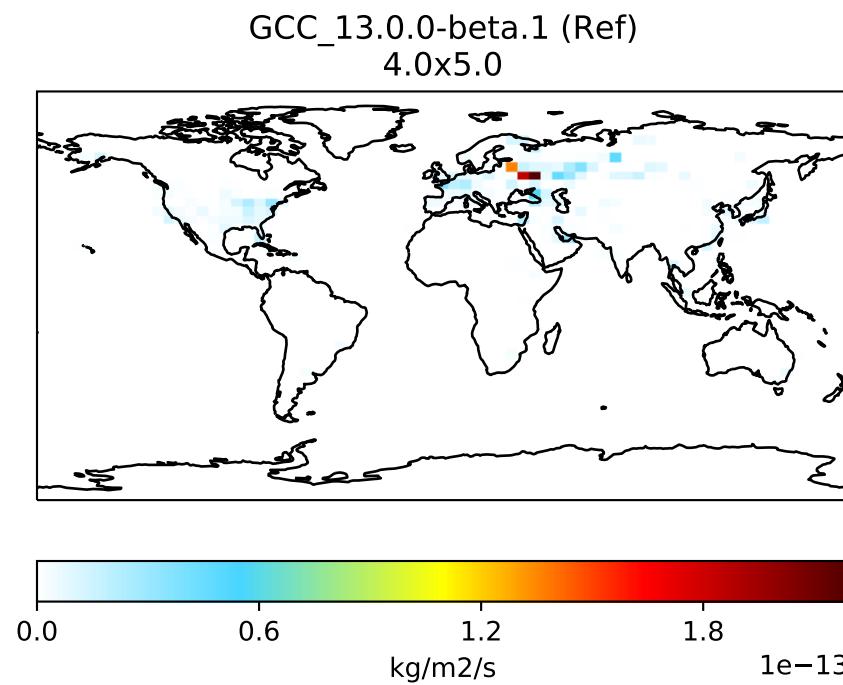
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

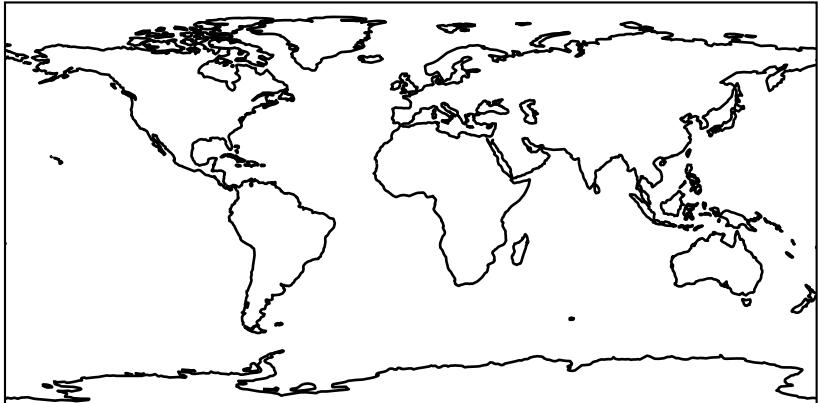


EmisMACR_Aircraft (Jan2019)



EmisMACR_Anthro (Jan2019)

GCC_13.0.0-beta.1 (Ref)
4.0x5.0



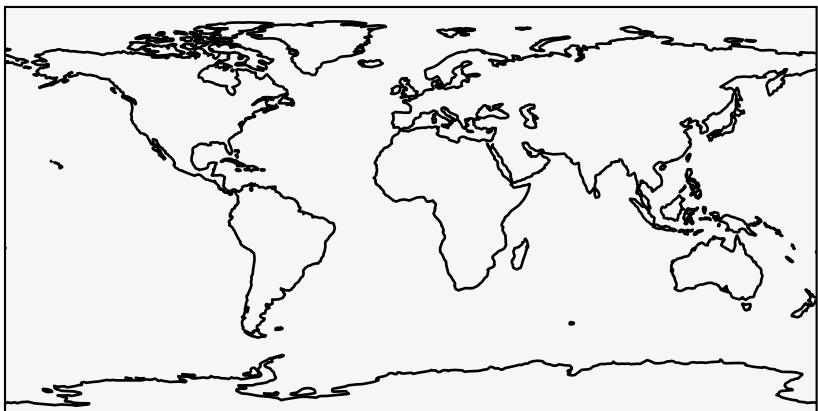
GCC_13.0.0 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

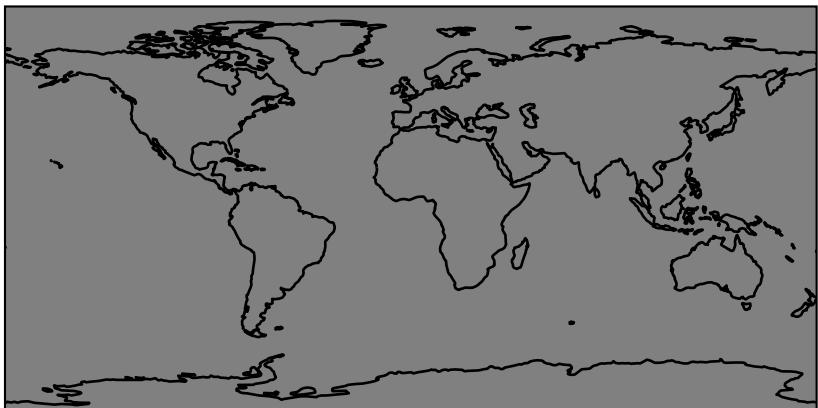
Difference
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m²/s

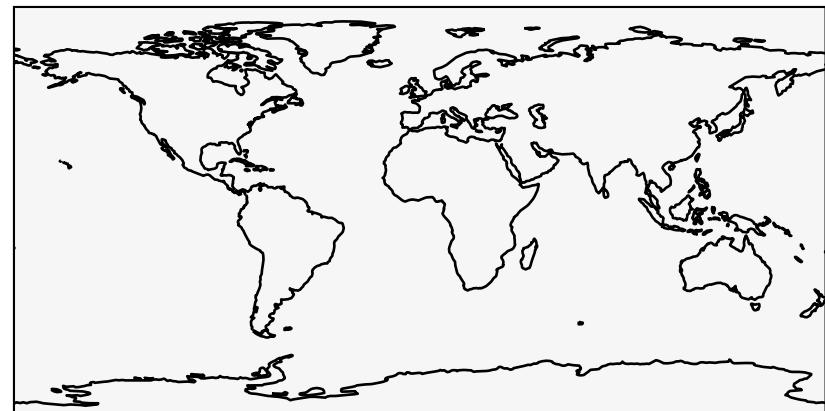
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



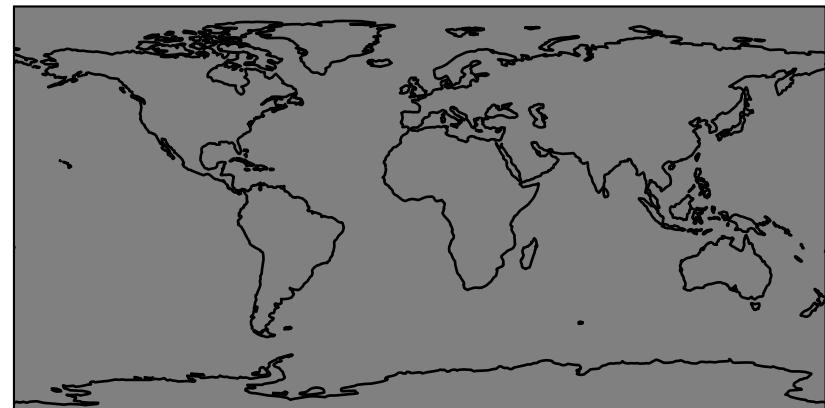
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Difference
Dev - Ref, Restricted Range [5%,95%]



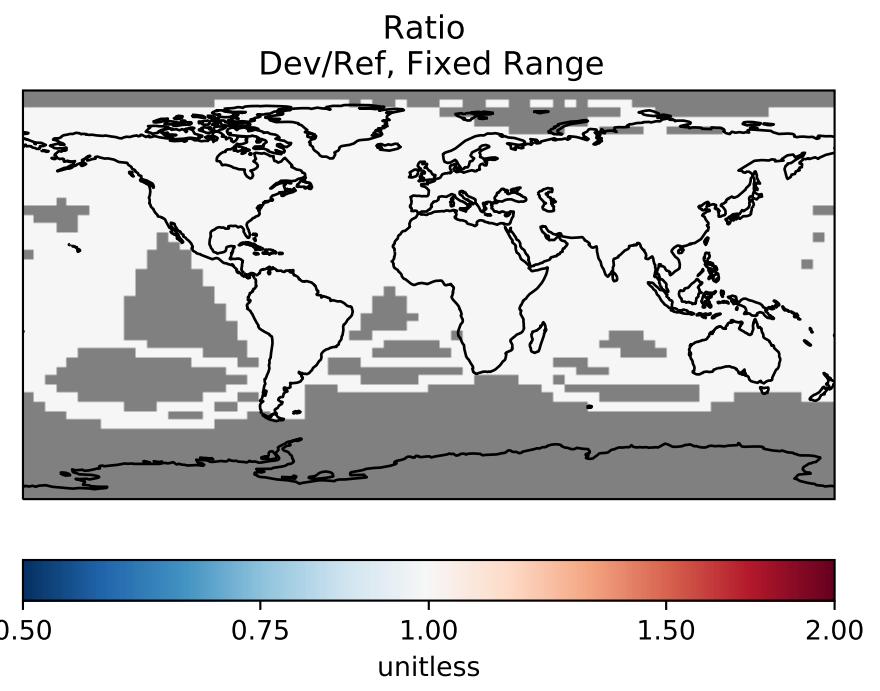
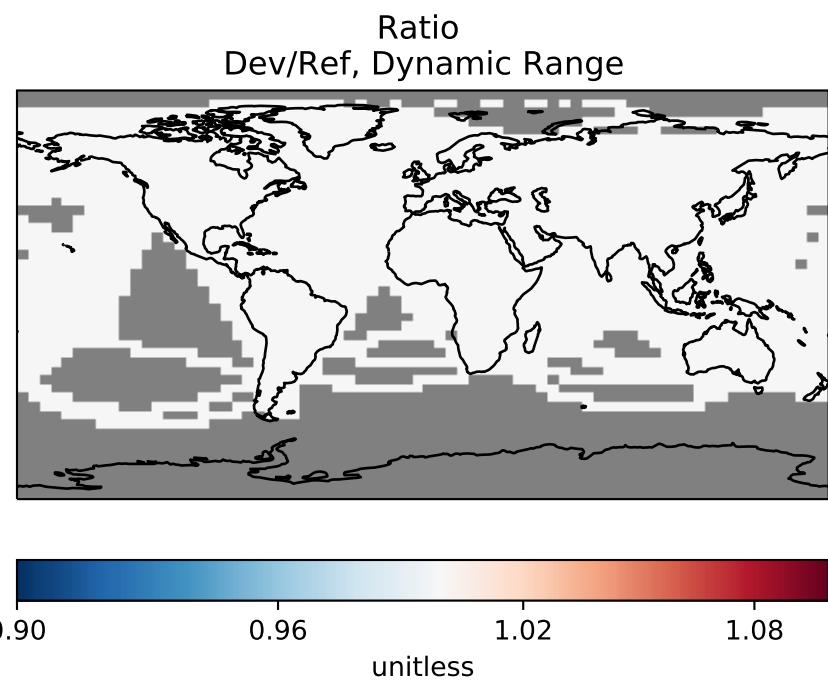
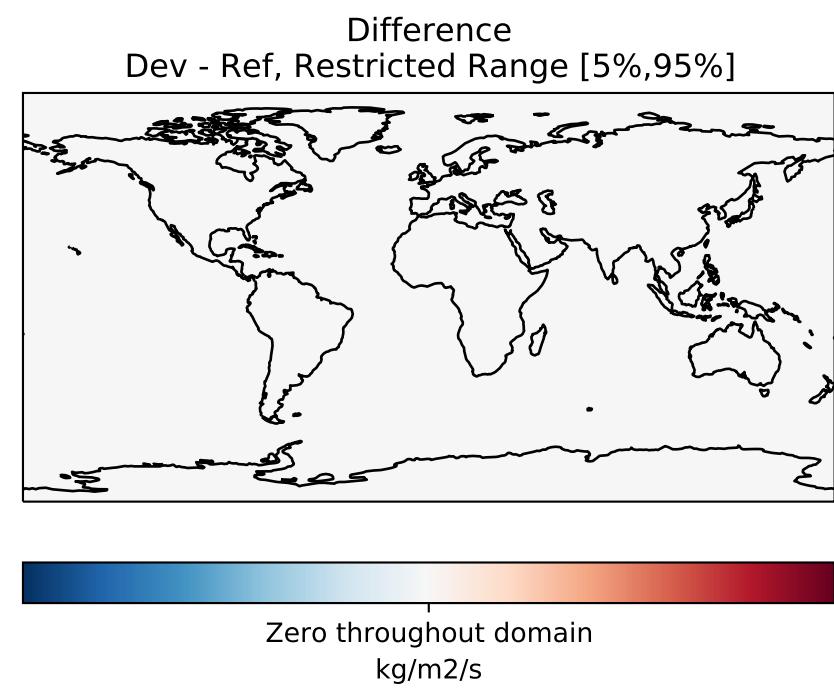
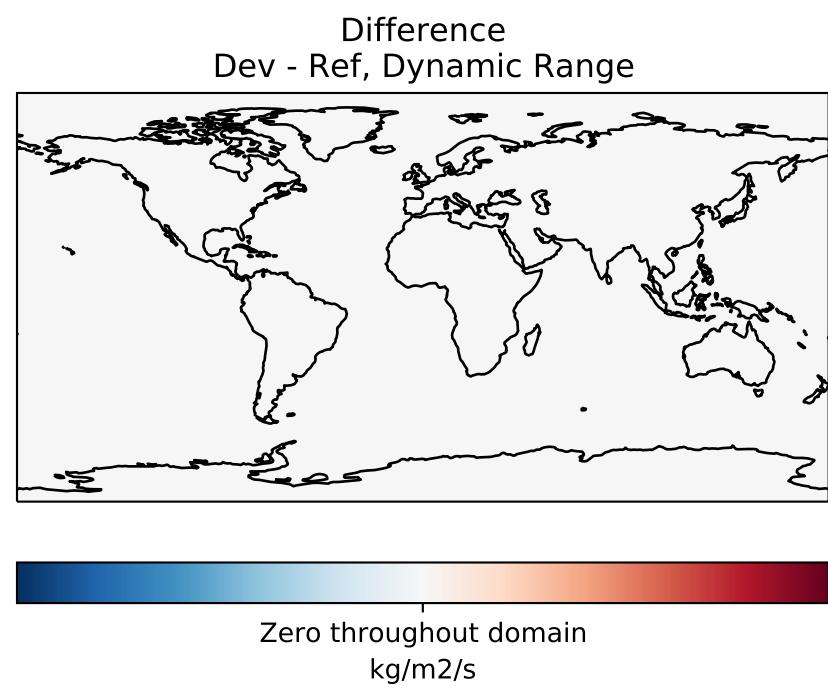
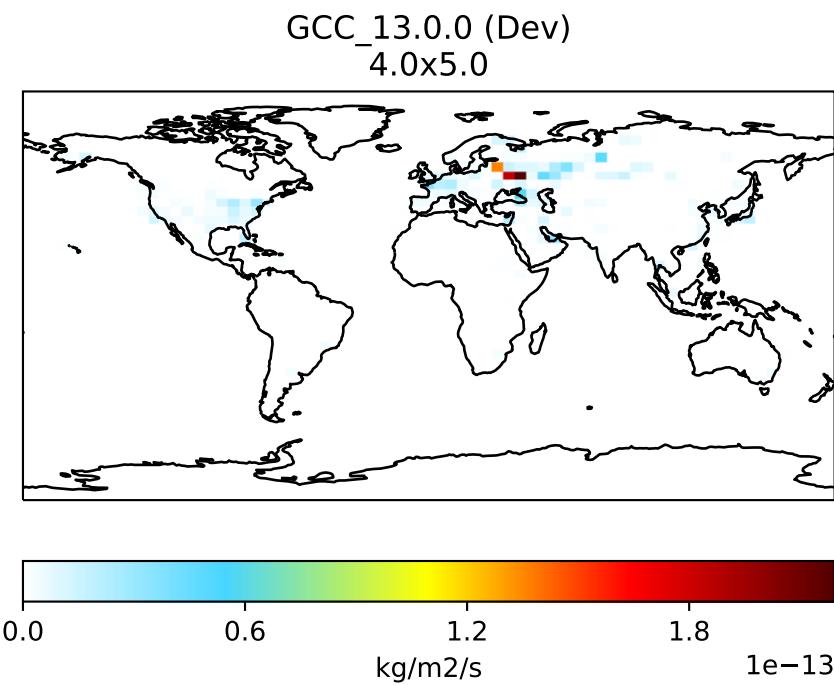
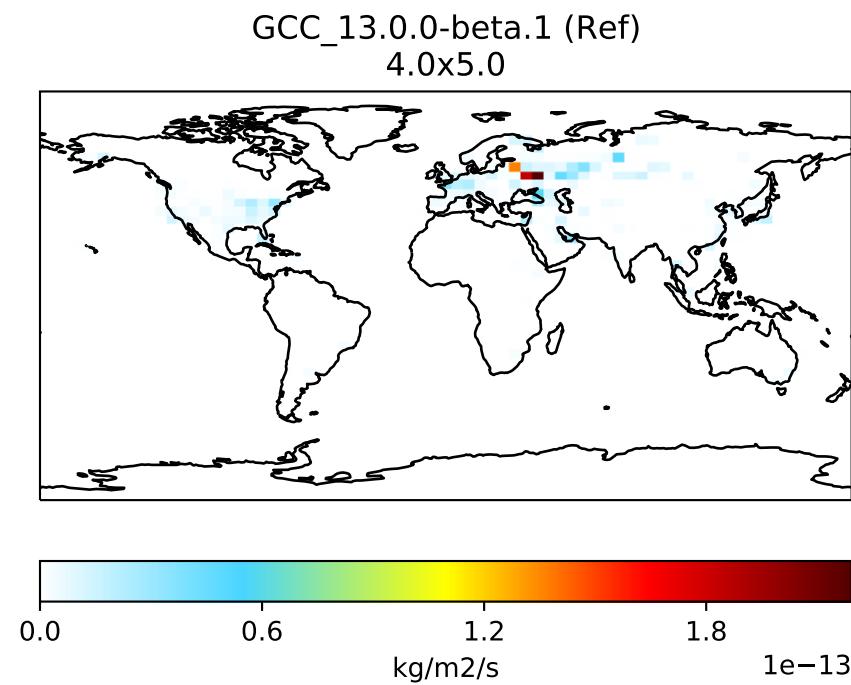
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Fixed Range



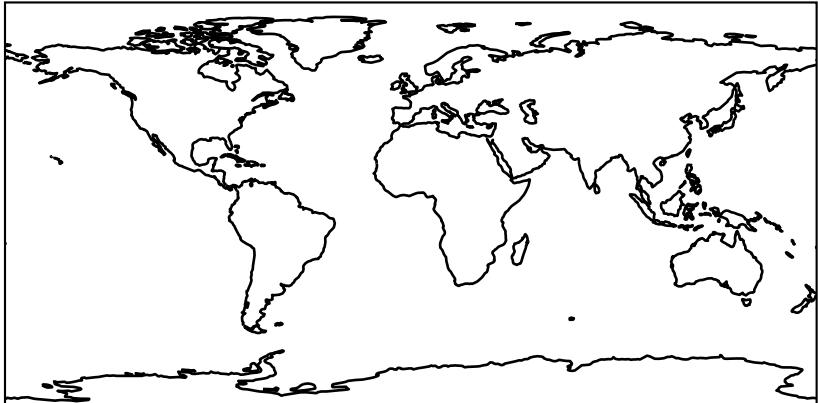
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EmisMACR_Total (Jan2019)



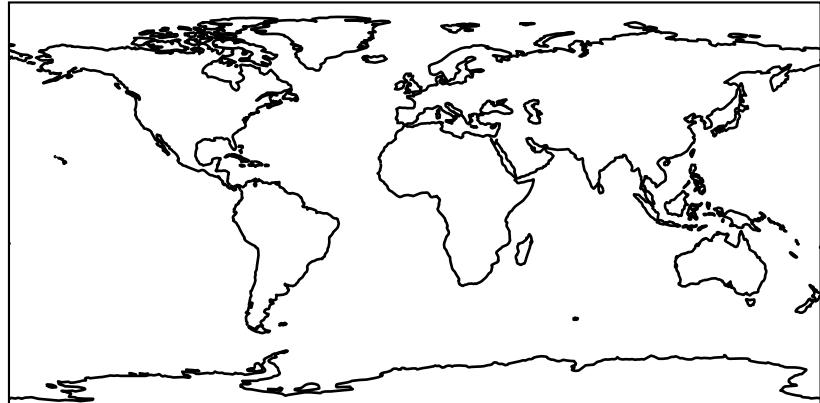
EmisACET_Anthro (Jan2019)

GCC_13.0.0-beta.1 (Ref)
4.0x5.0



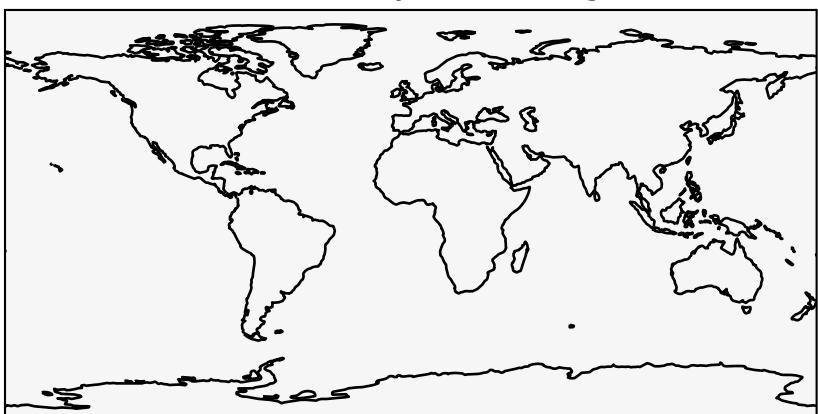
Zero throughout domain
kg/m²/s

GCC_13.0.0 (Dev)
4.0x5.0



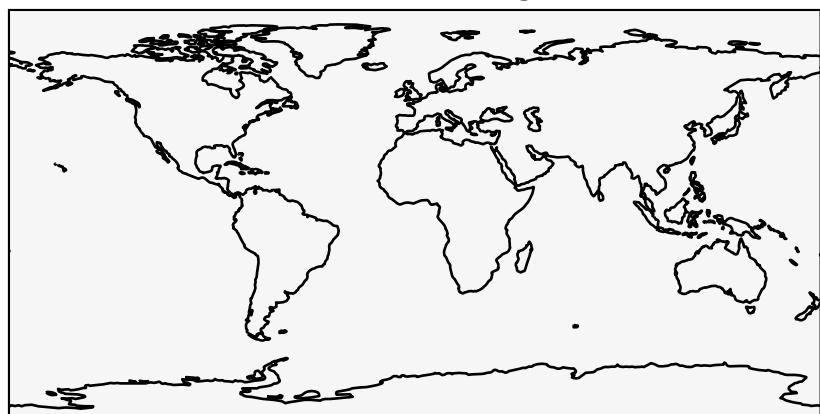
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



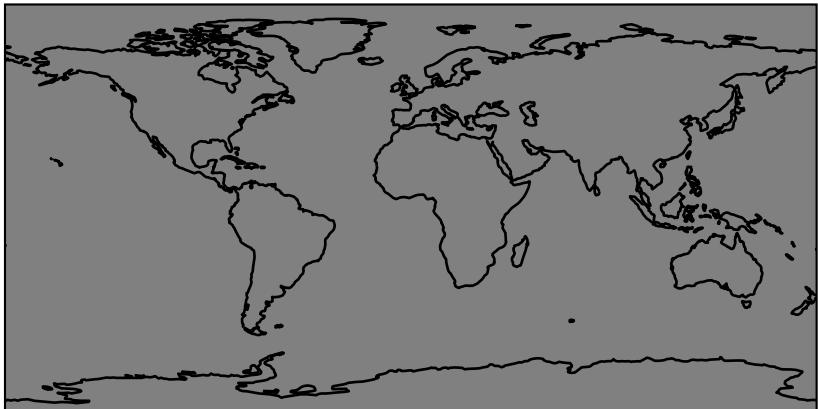
Zero throughout domain
kg/m²/s

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



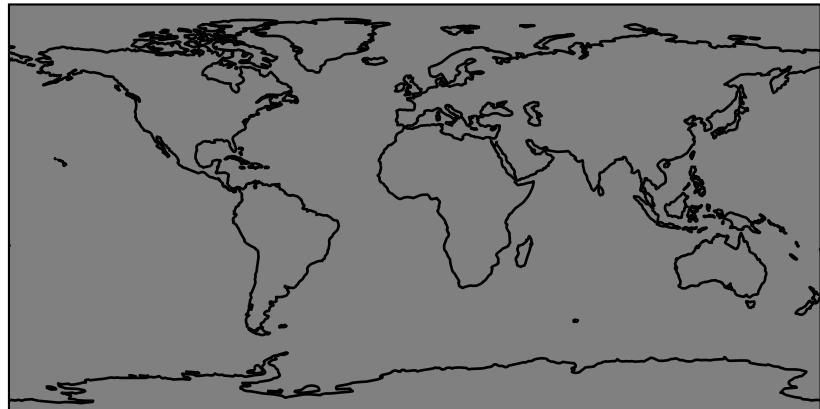
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



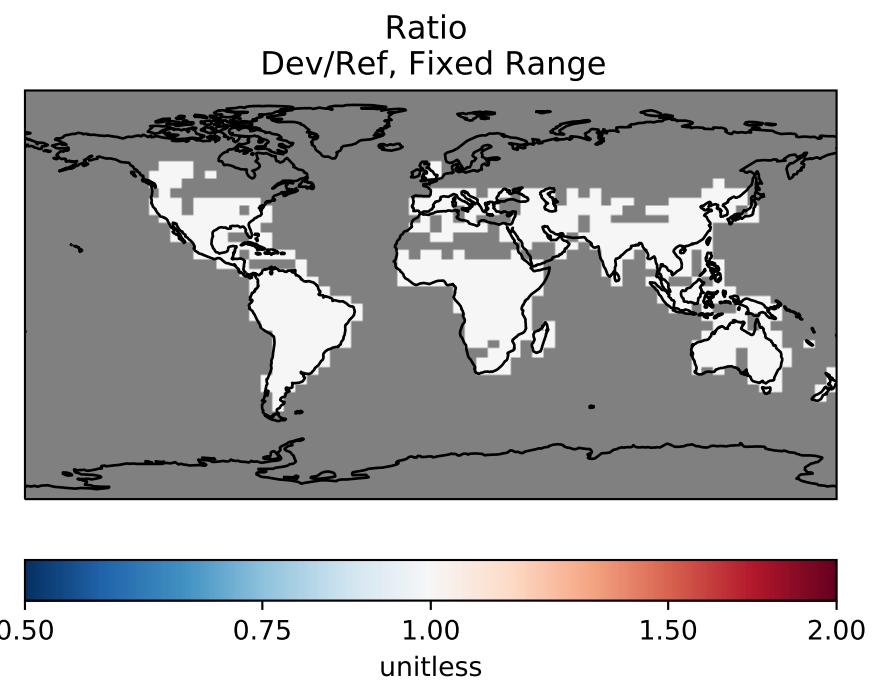
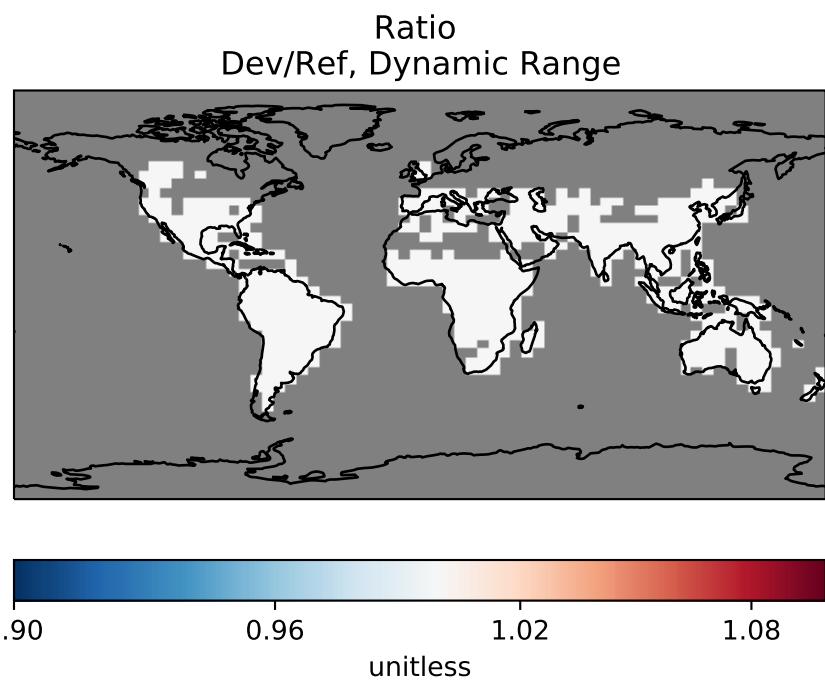
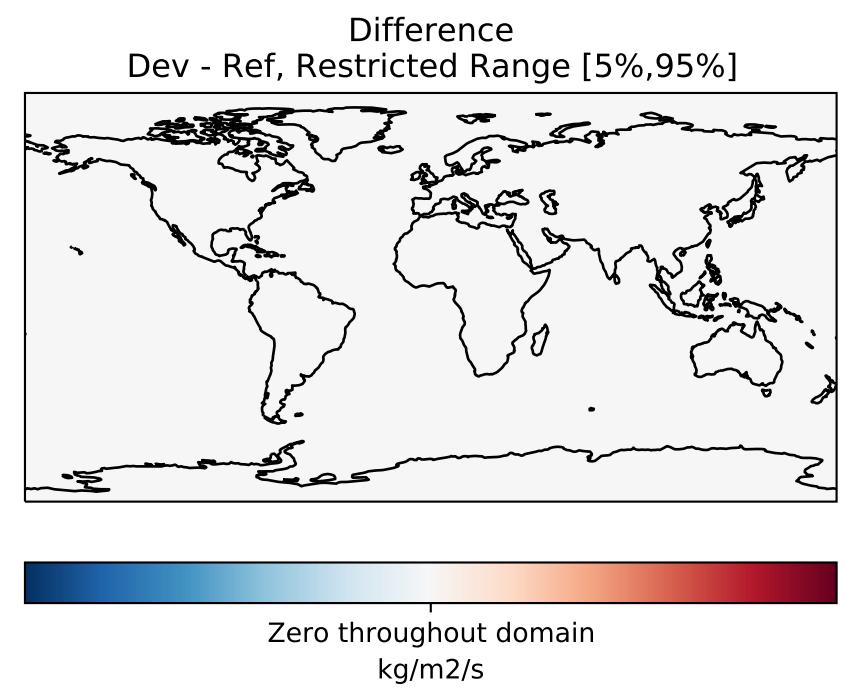
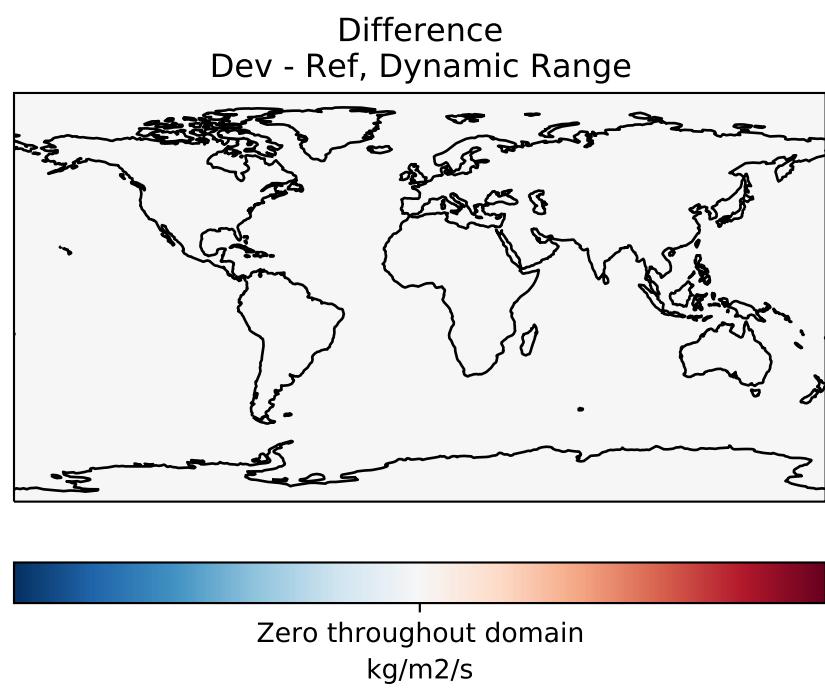
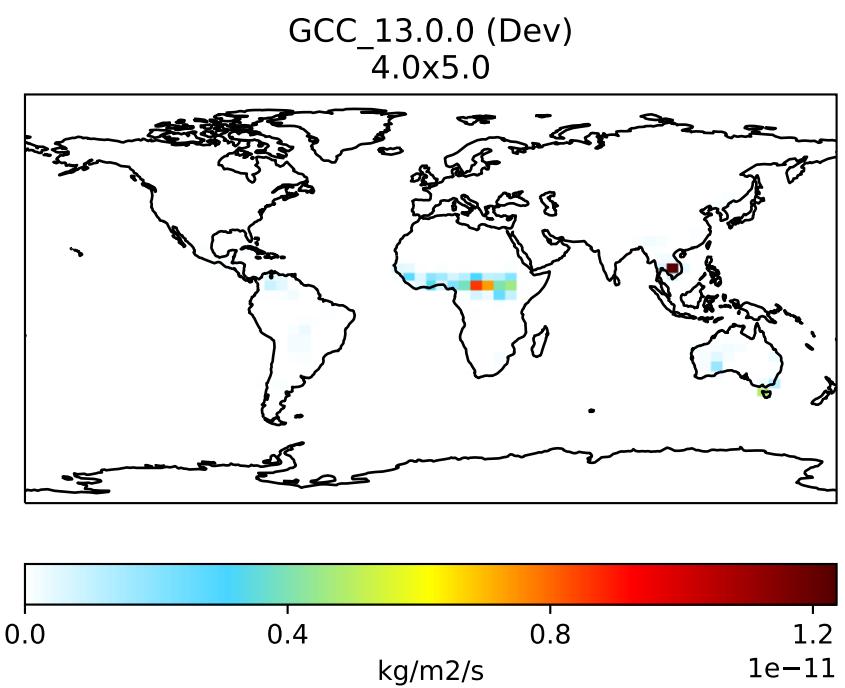
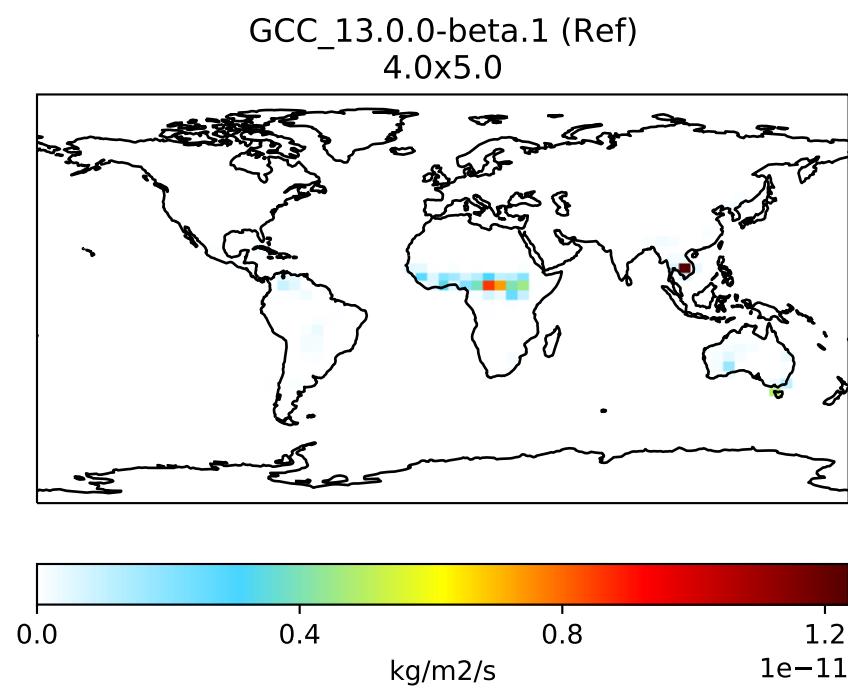
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unitless

Ratio
Dev/Ref, Fixed Range



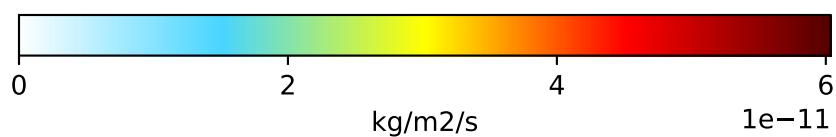
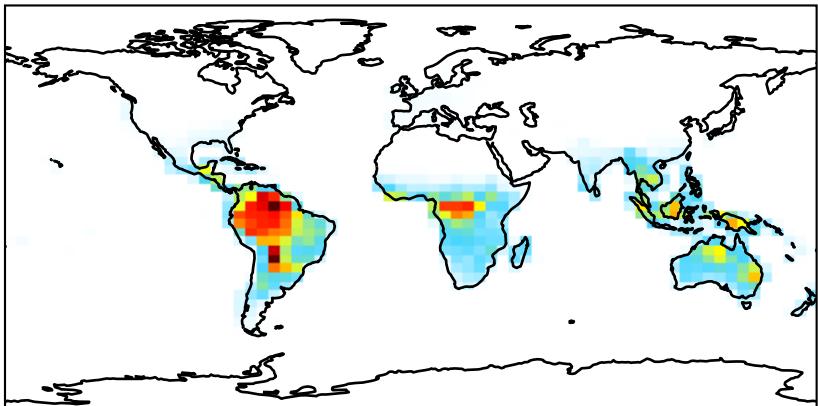
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EmisACET_BioBurn (Jan2019)

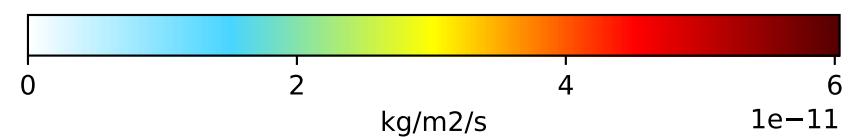
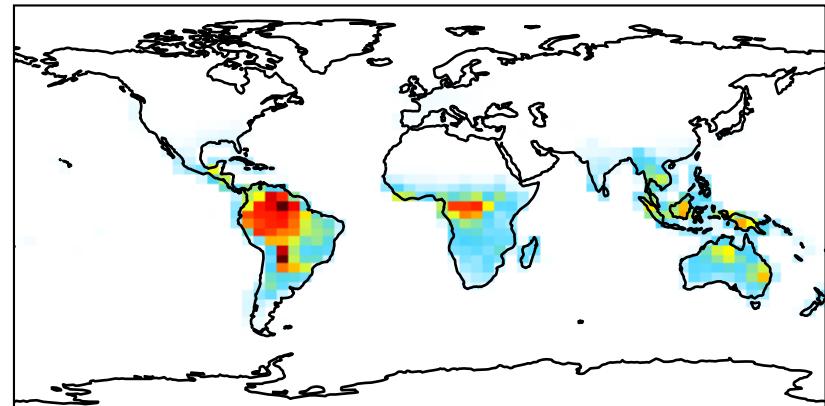


EmisACET_Biogenic (Jan2019)

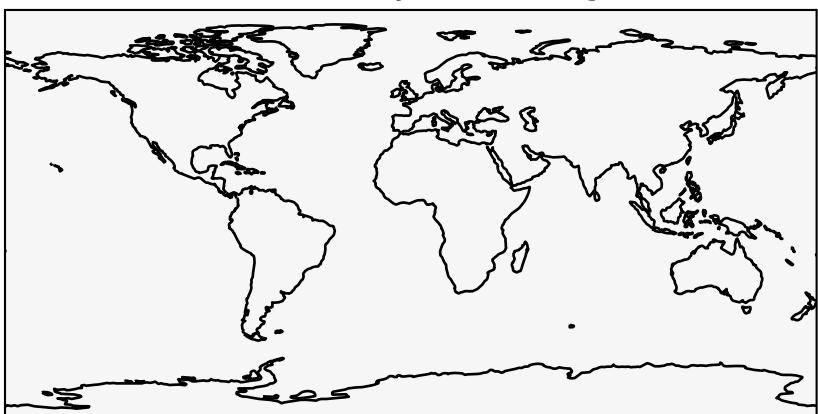
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



GCC_13.0.0 (Dev)
4.0x5.0

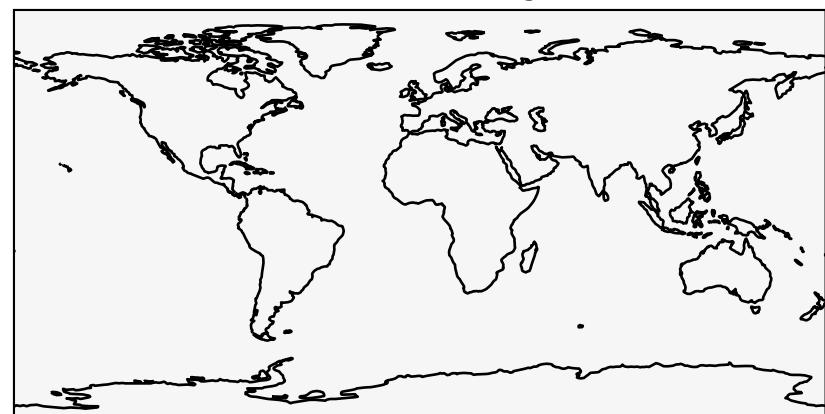


Difference
Dev - Ref, Dynamic Range



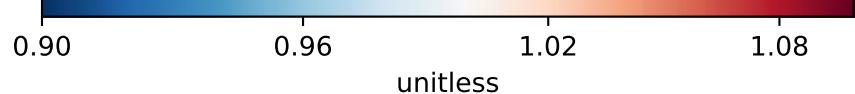
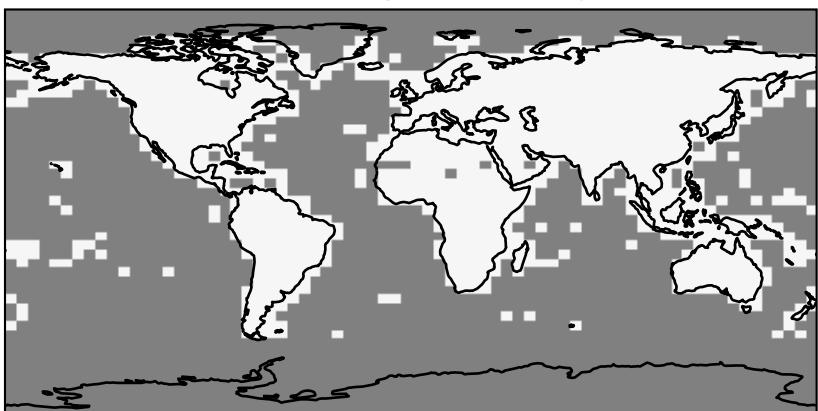
Zero throughout domain
kg/m²/s

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

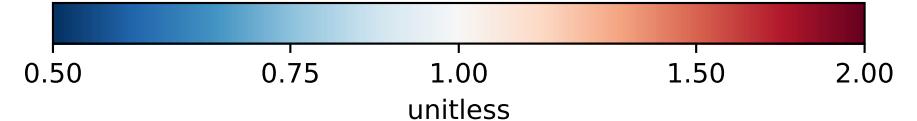
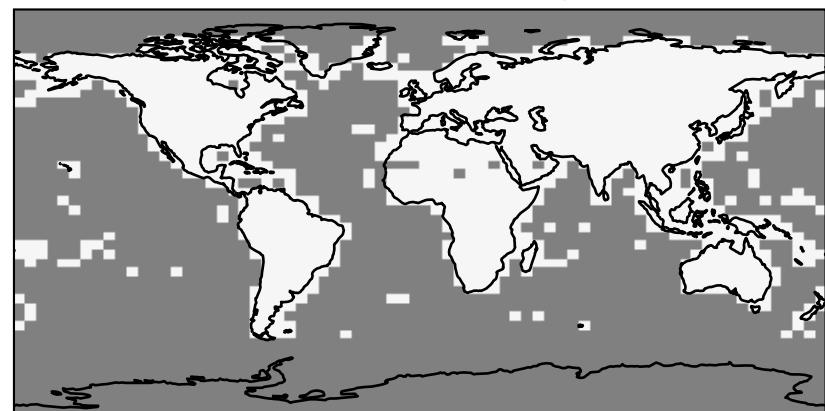


Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range

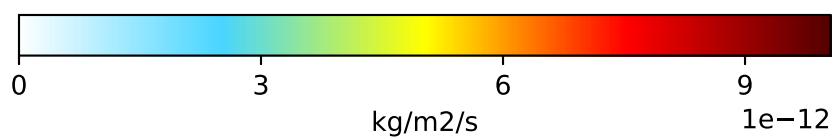
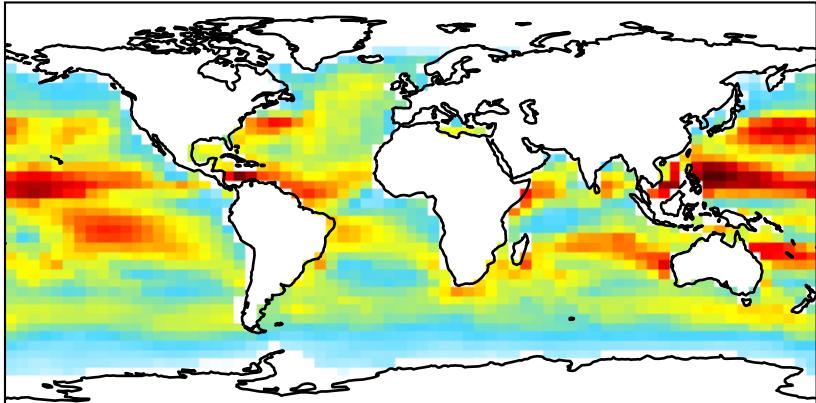


Ratio
Dev/Ref, Fixed Range

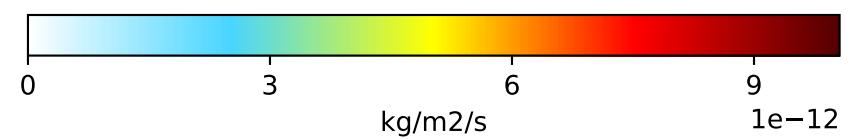
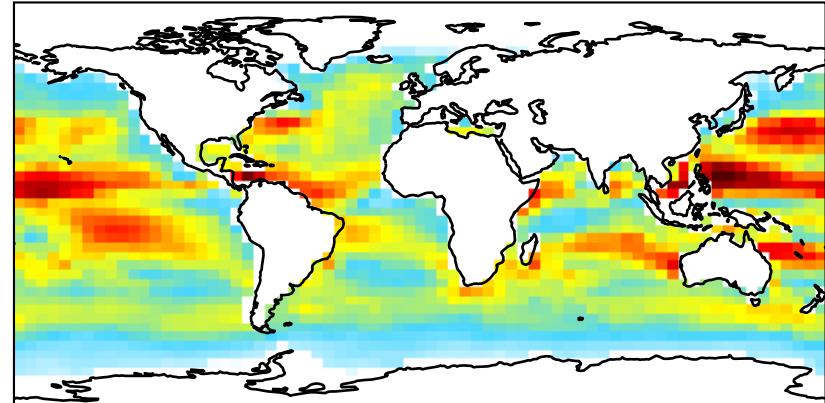


EmisACET_Ocean (Jan2019)

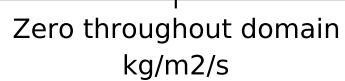
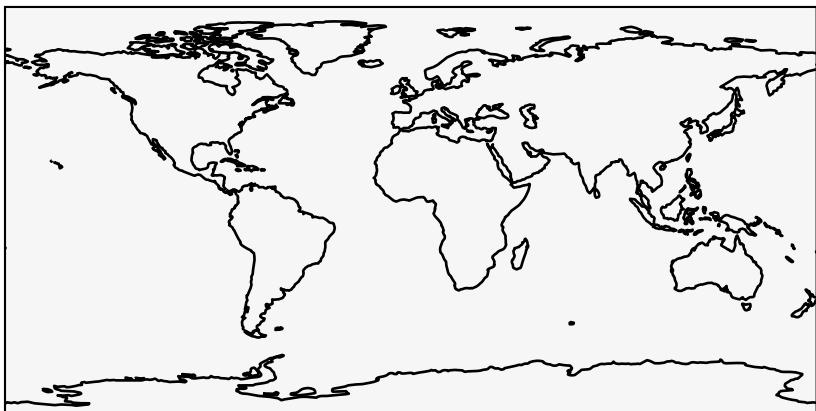
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



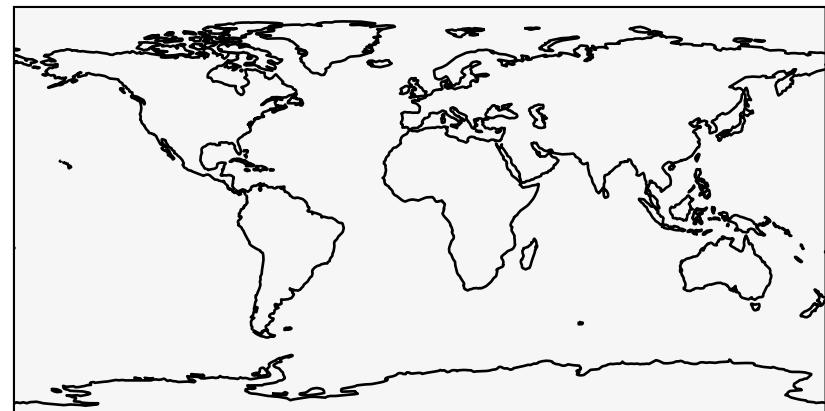
GCC_13.0.0 (Dev)
4.0x5.0



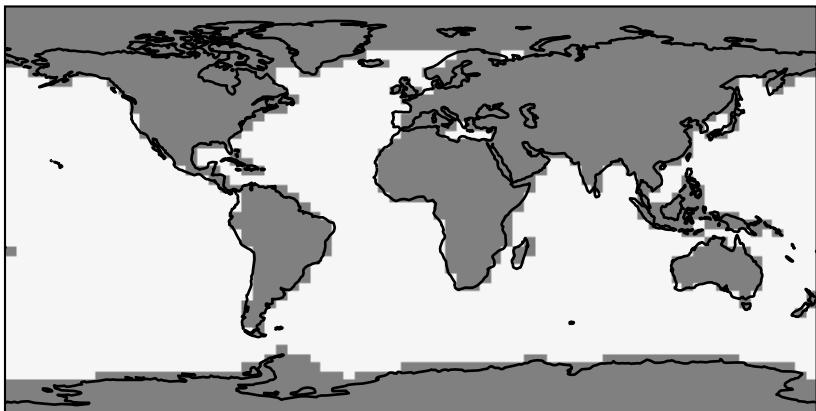
Difference
Dev - Ref, Dynamic Range



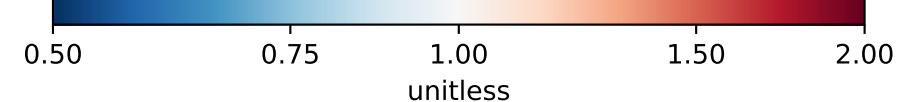
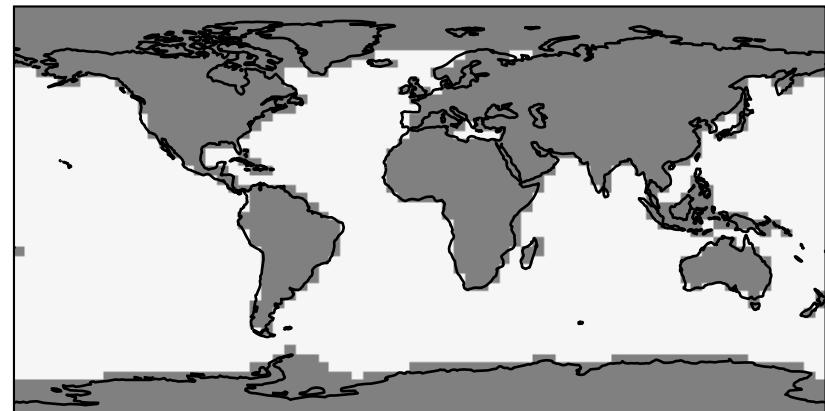
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

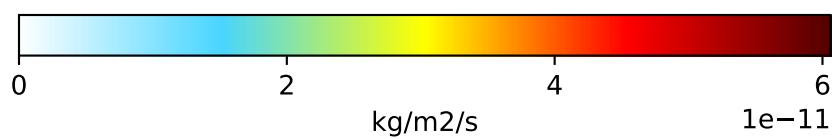
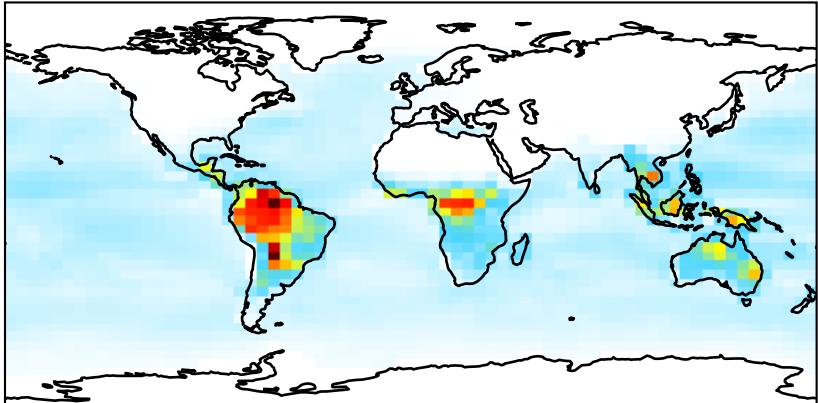


Ratio
Dev/Ref, Fixed Range

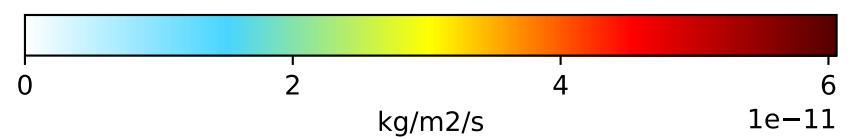
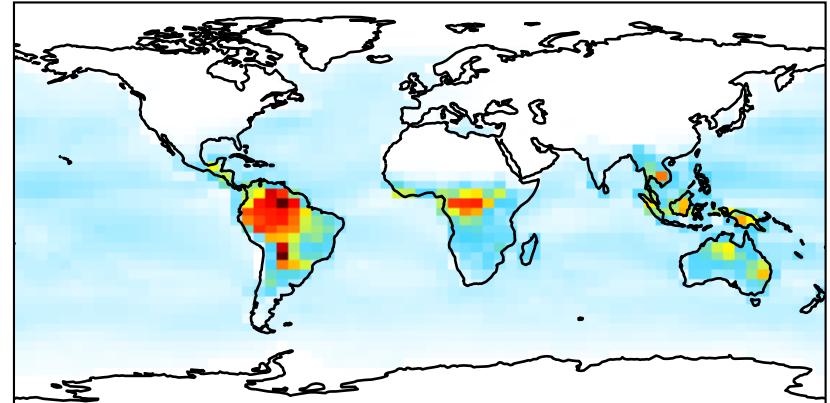


EmisACET_Total (Jan2019)

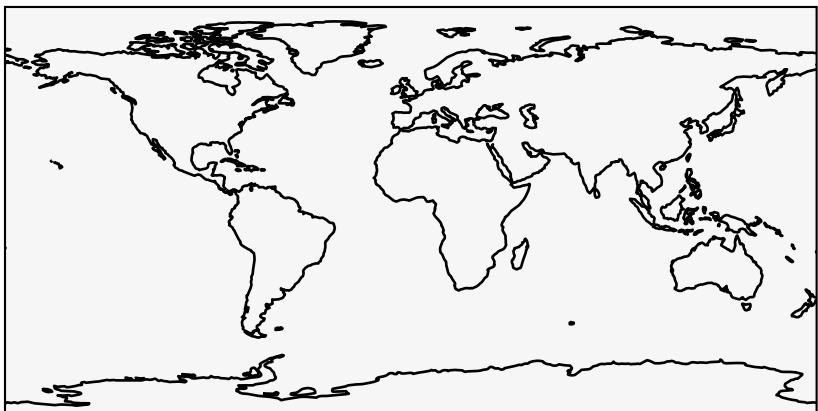
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



GCC_13.0.0 (Dev)
4.0x5.0

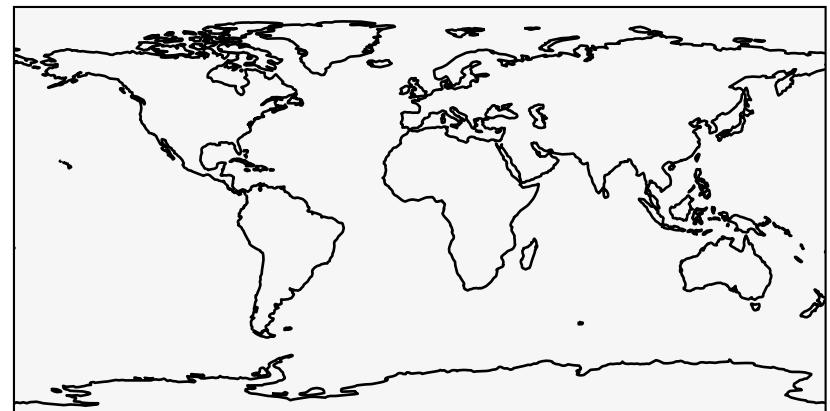


Difference
Dev - Ref, Dynamic Range



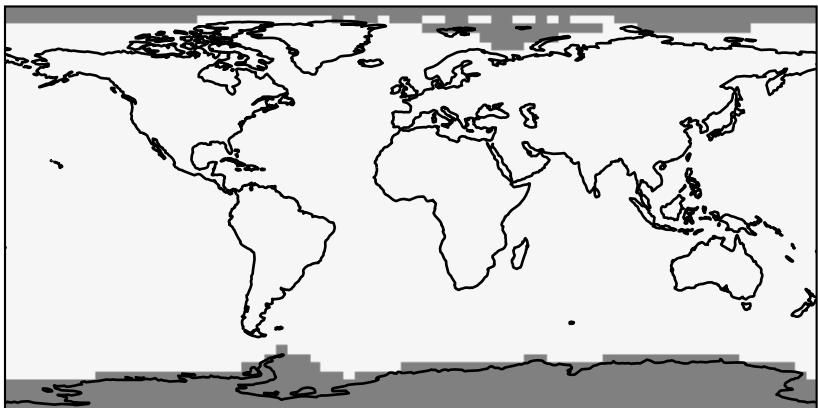
Zero throughout domain
kg/m2/s

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

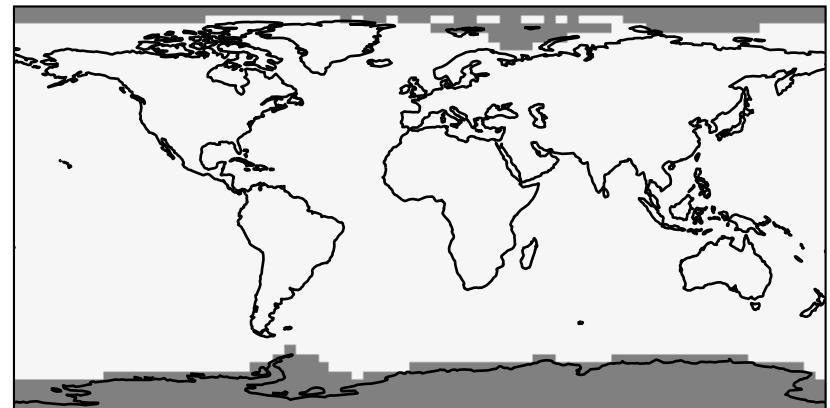


Zero throughout domain
kg/m2/s

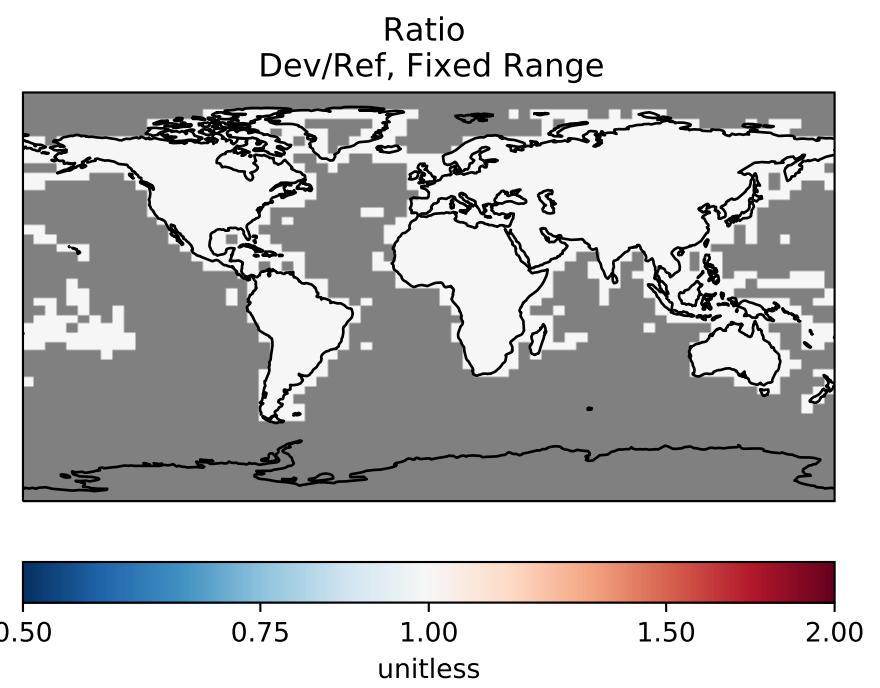
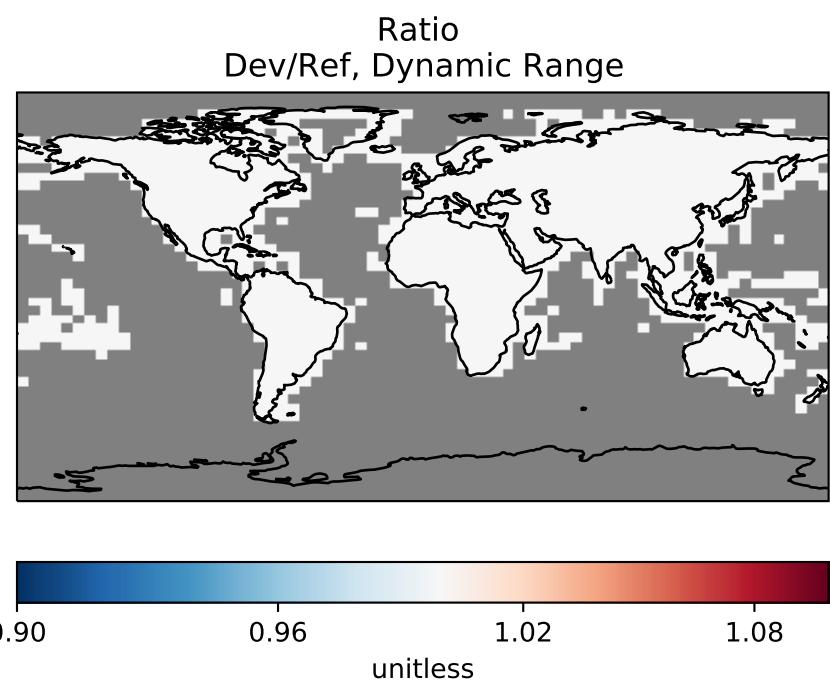
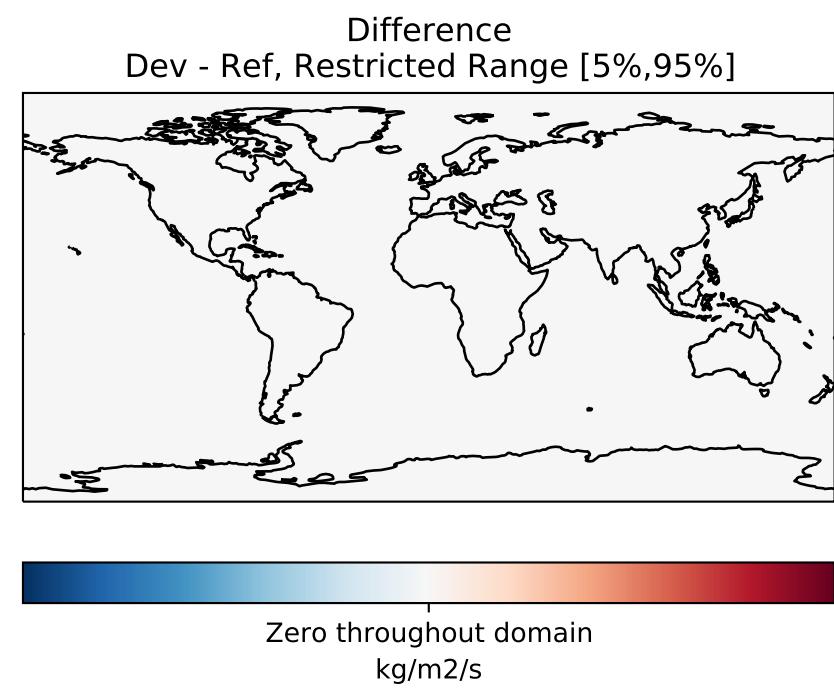
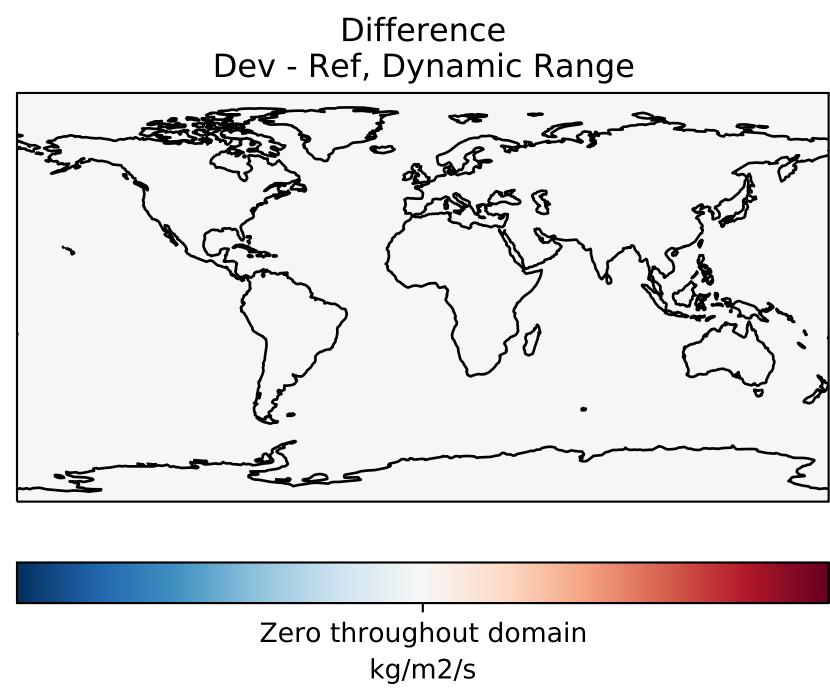
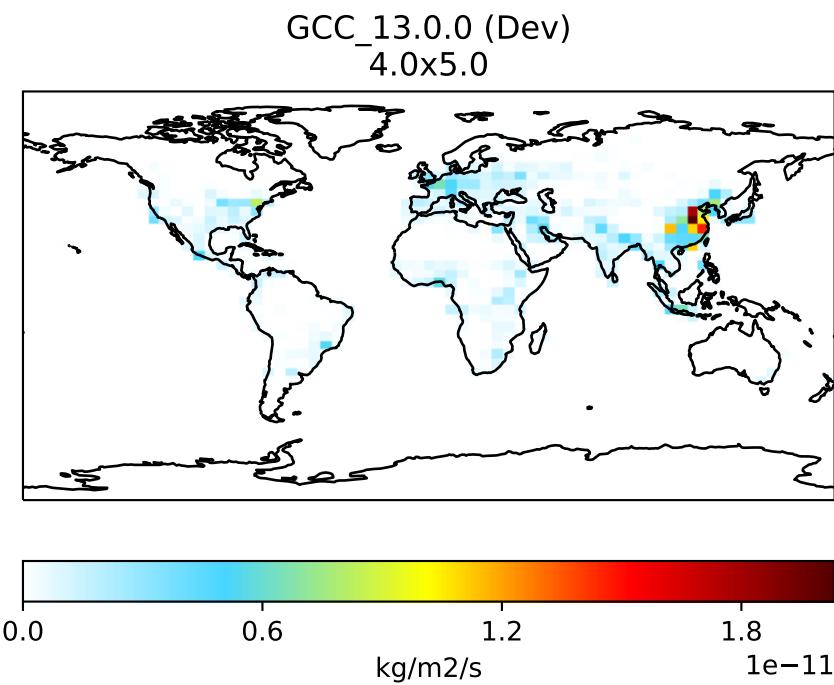
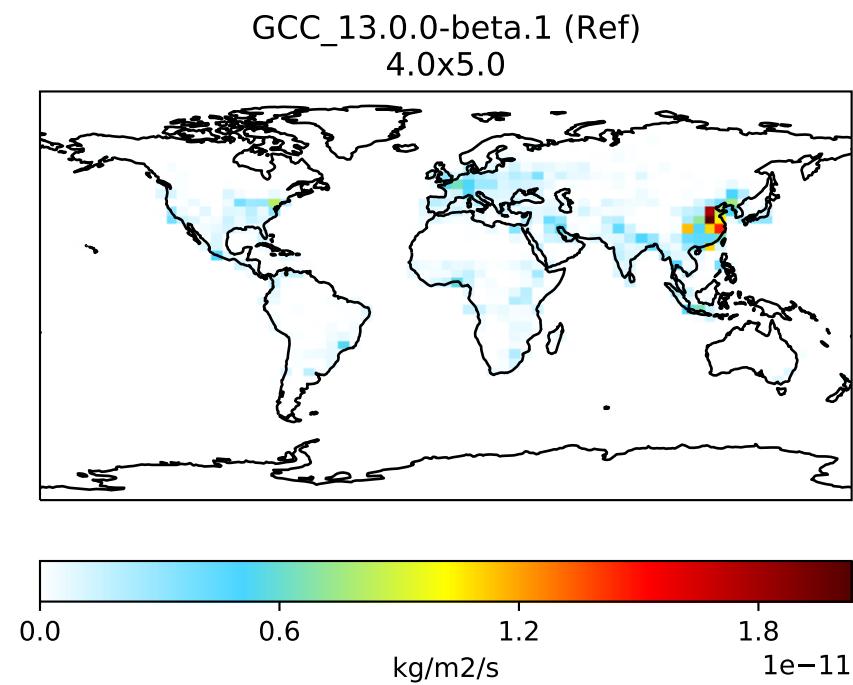
Ratio
Dev/Ref, Dynamic Range



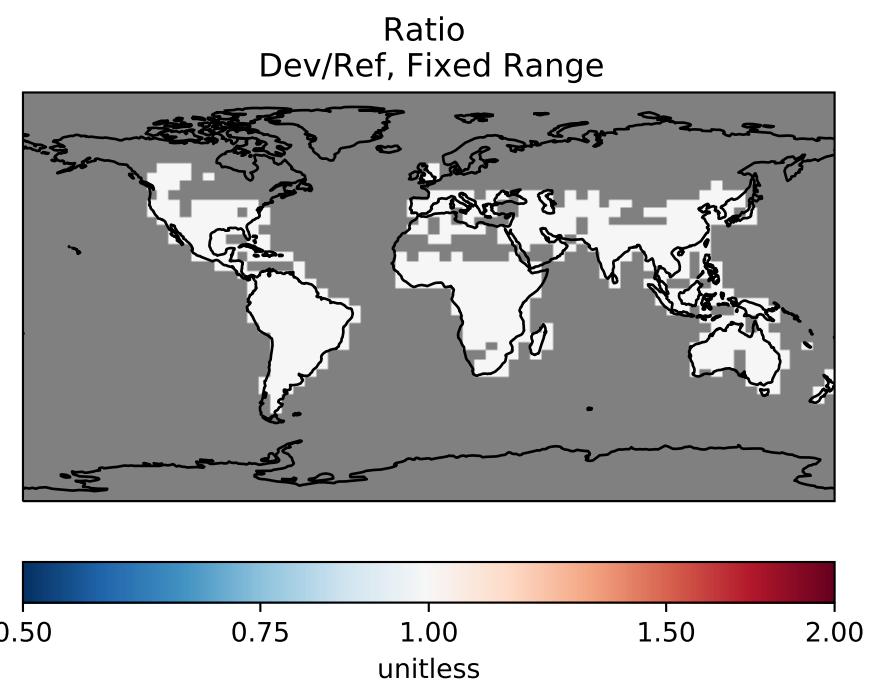
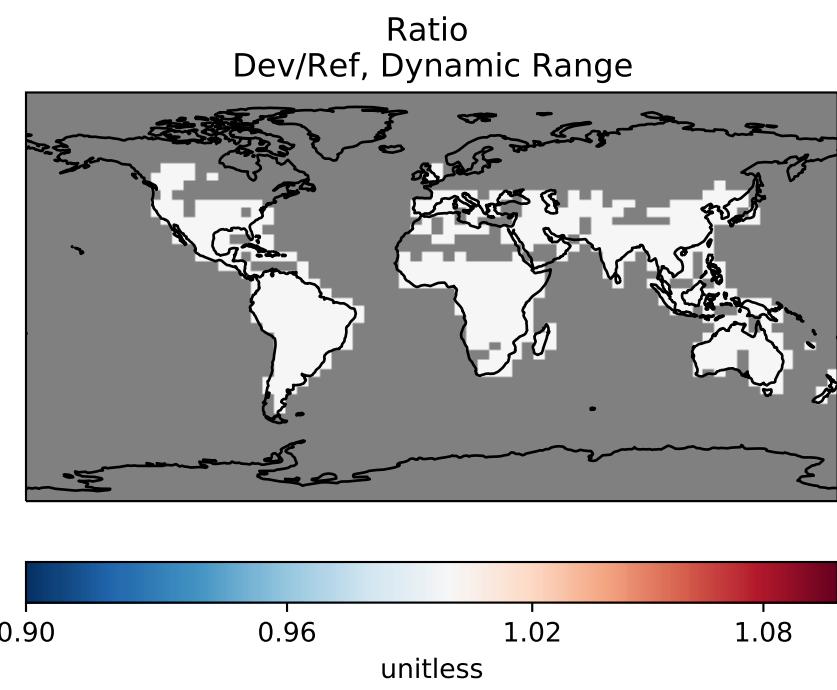
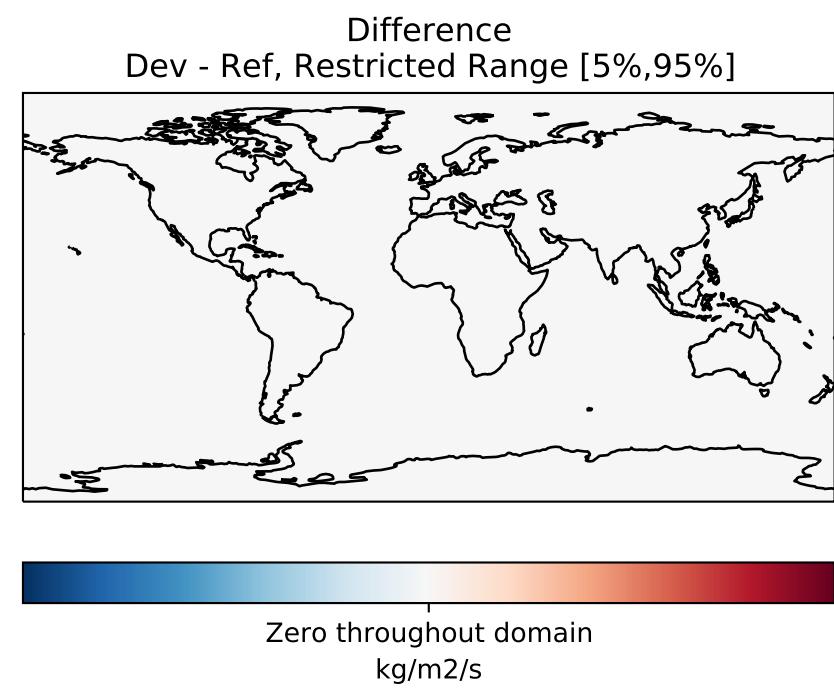
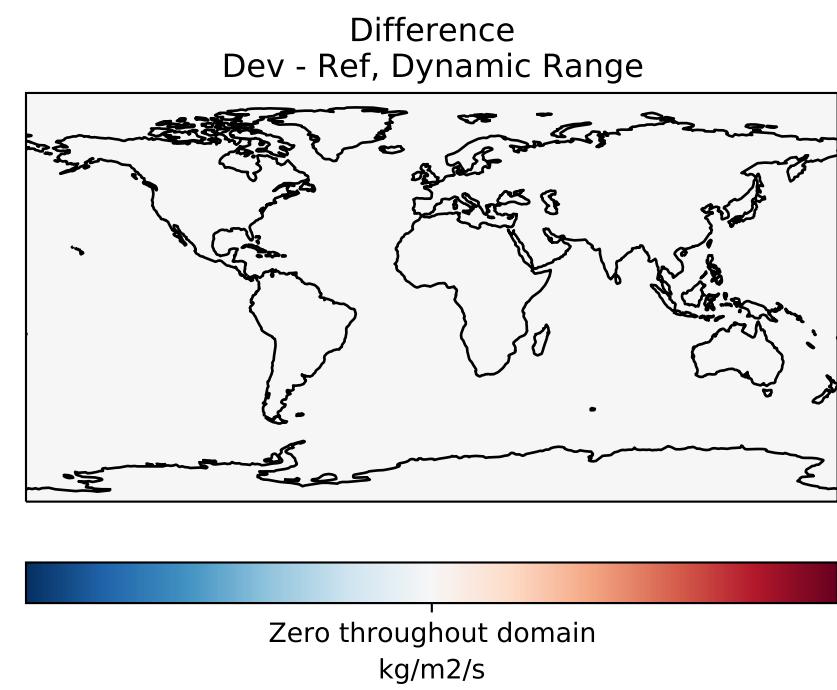
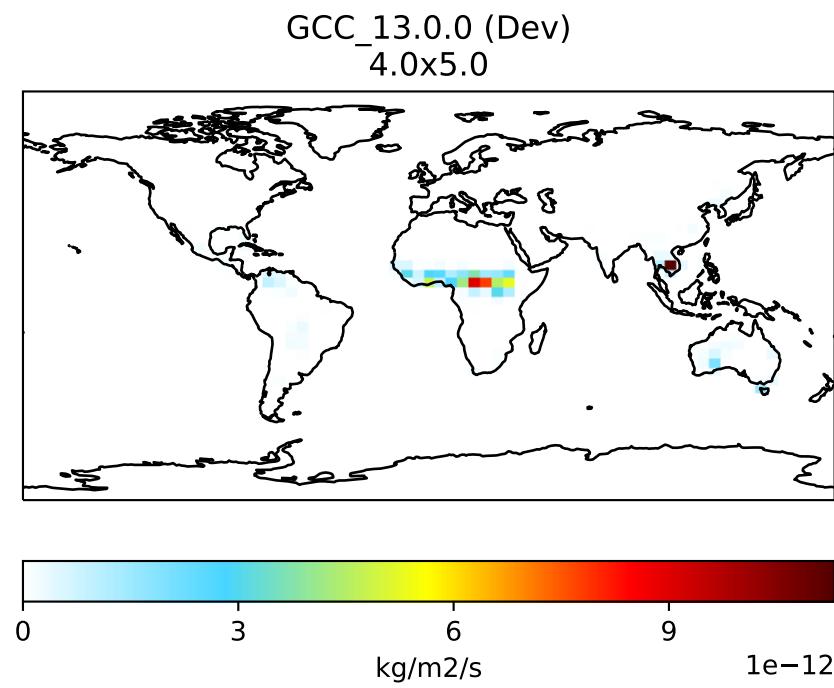
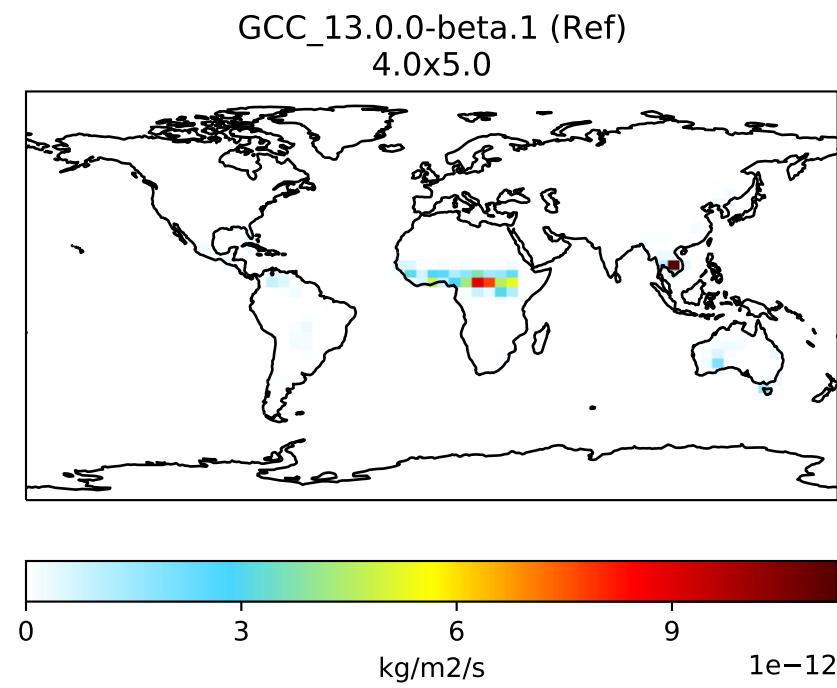
Ratio
Dev/Ref, Fixed Range



EmisMEK_Anthro (Jan2019)

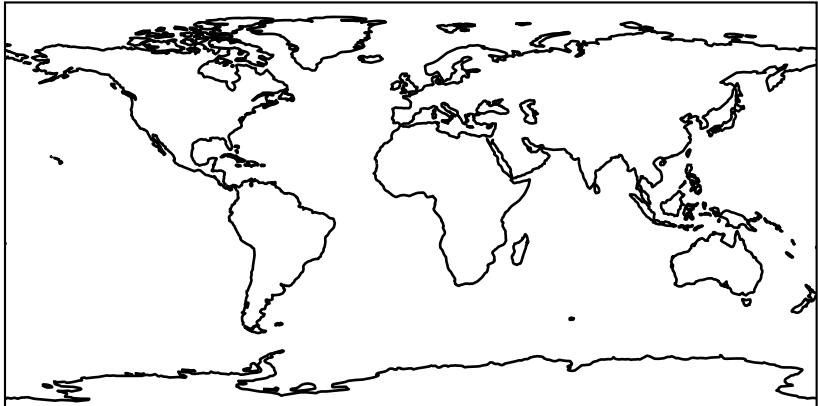


EmisMEK_BioBurn (Jan2019)



EmisMEK_Ship (Jan2019)

GCC_13.0.0-beta.1 (Ref)
4.0x5.0



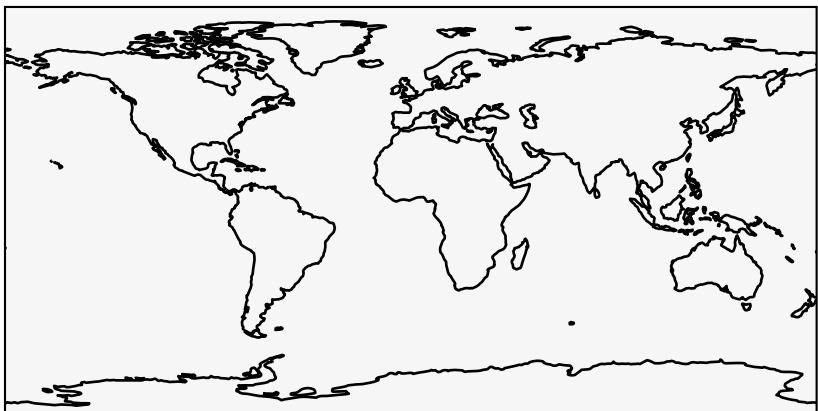
GCC_13.0.0 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

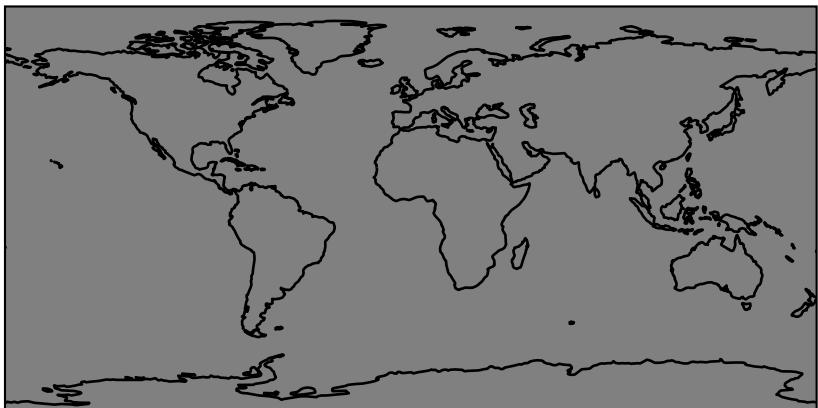
Difference
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m²/s

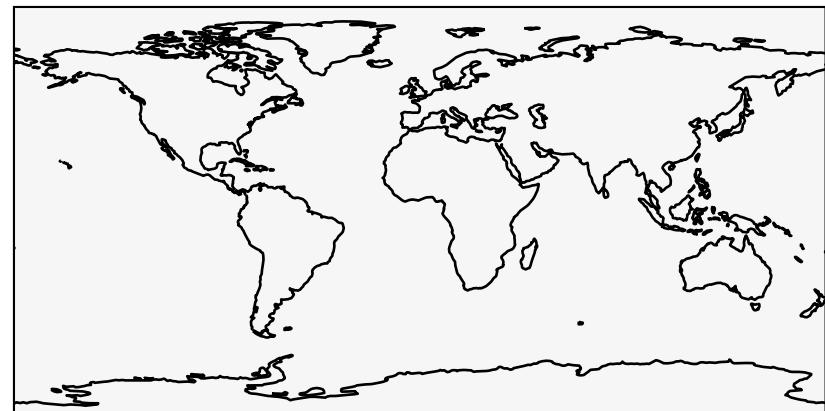
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



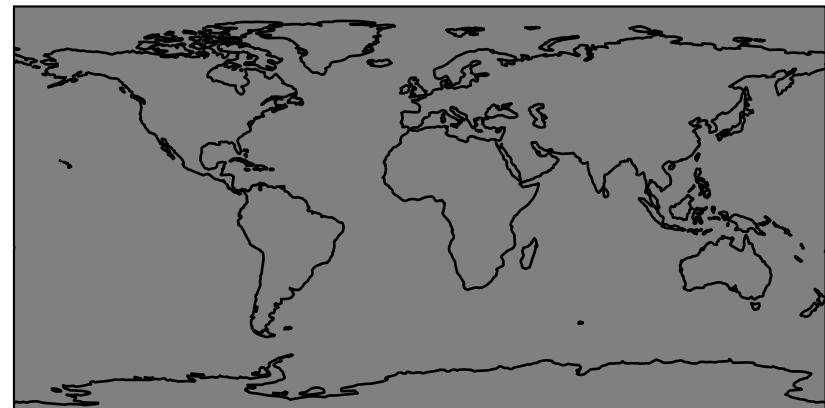
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Difference
Dev - Ref, Restricted Range [5%,95%]



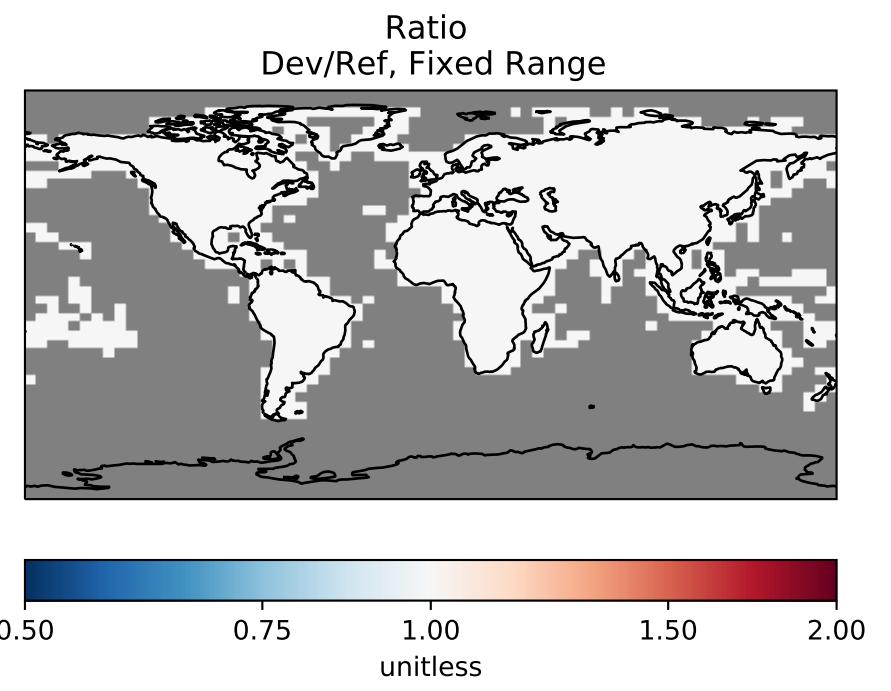
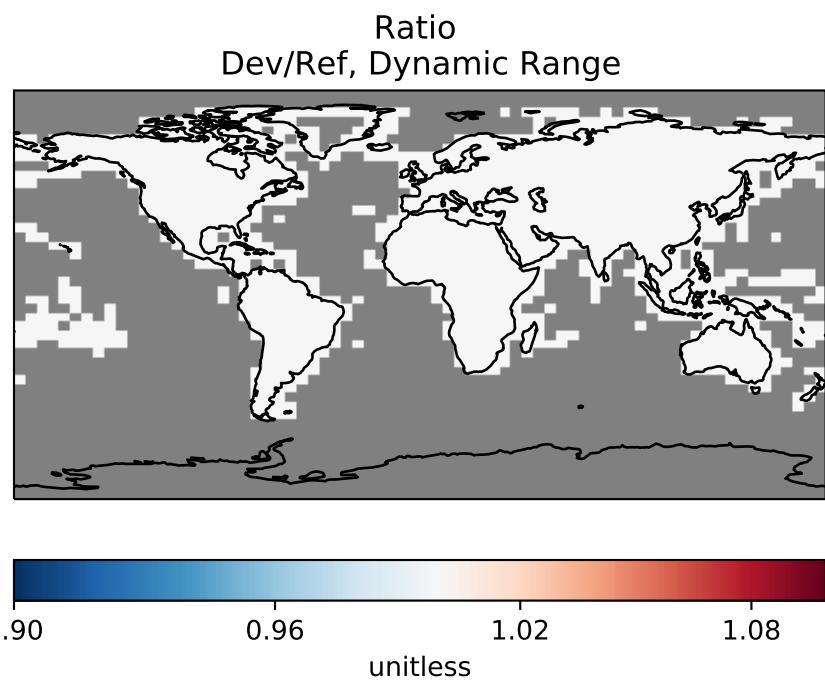
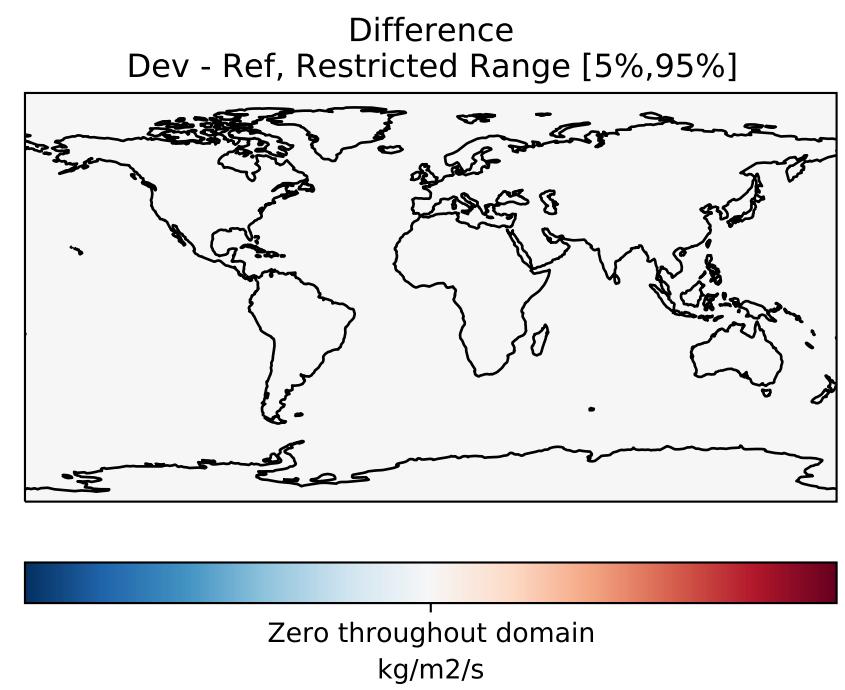
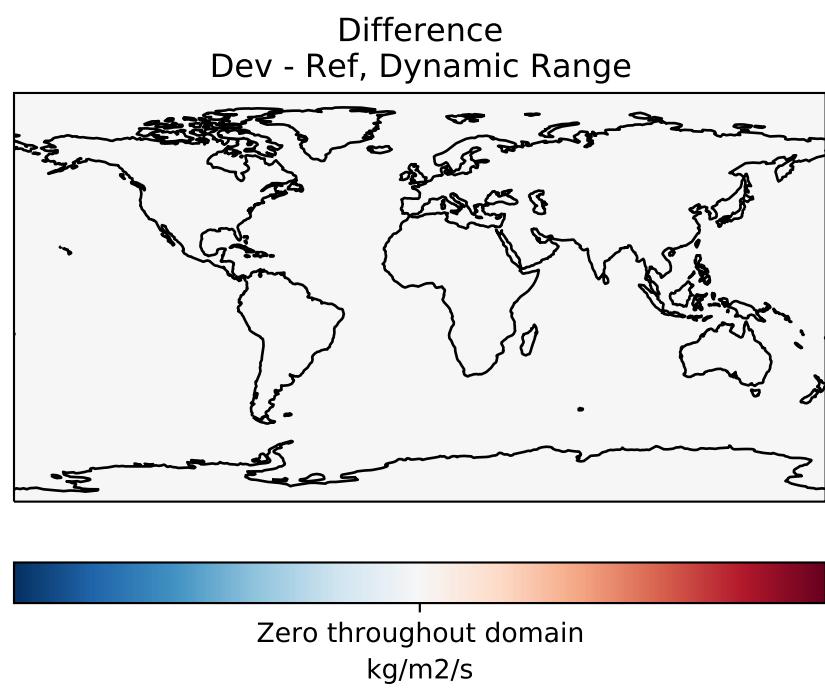
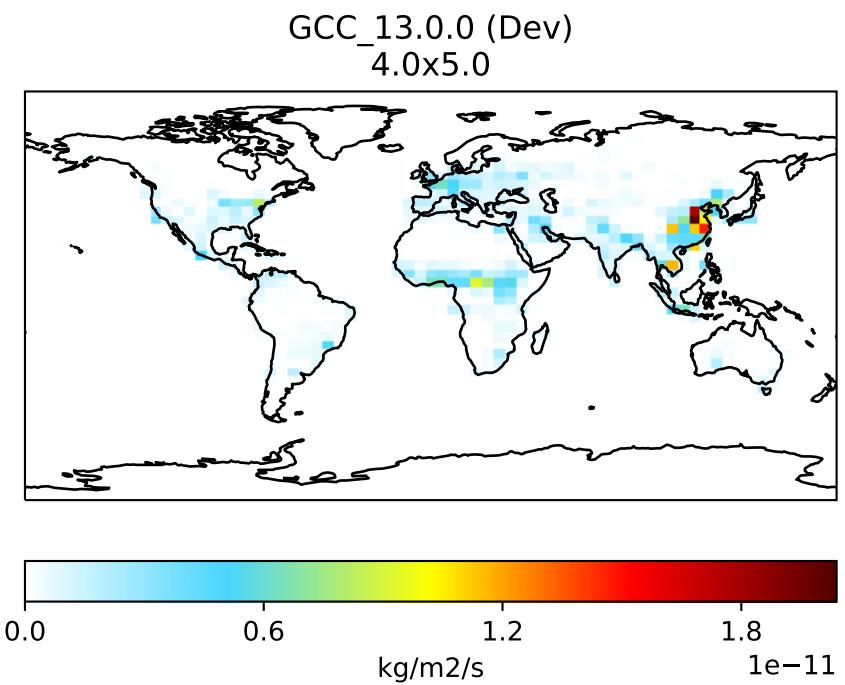
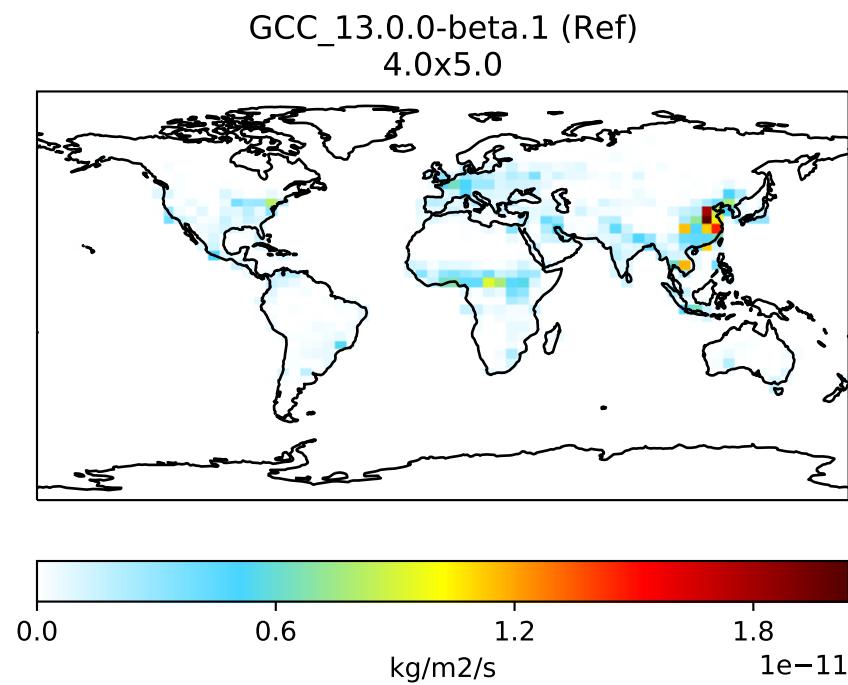
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Fixed Range



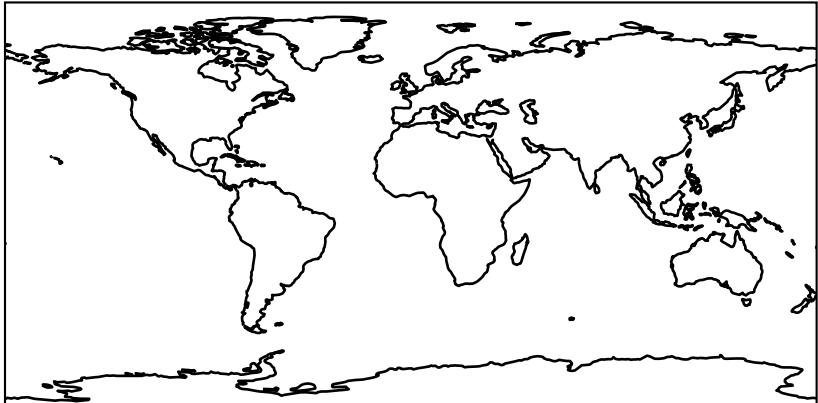
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EmisMEK_Total (Jan2019)

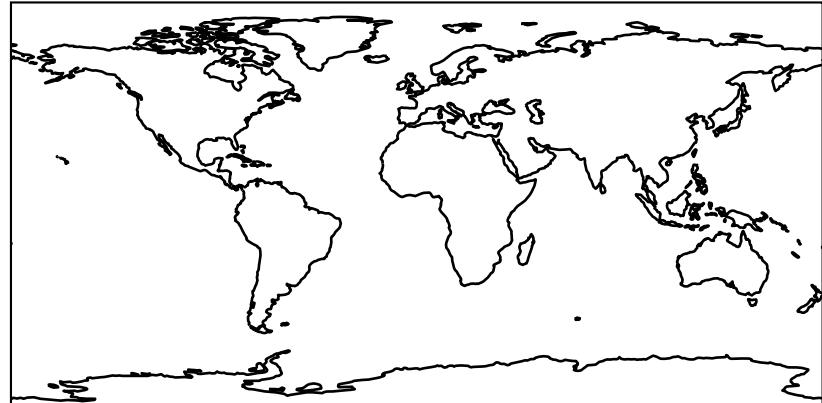


EmisMVK_Anthro (Jan2019)

GCC_13.0.0-beta.1 (Ref)
4.0x5.0



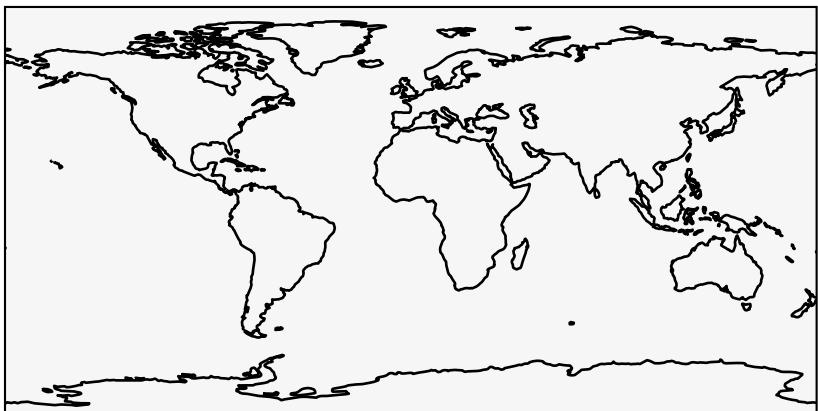
GCC_13.0.0 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

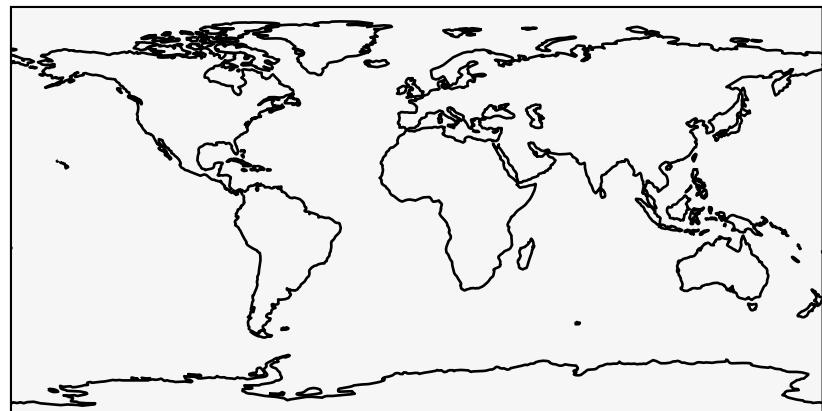
Difference
Dev - Ref, Dynamic Range



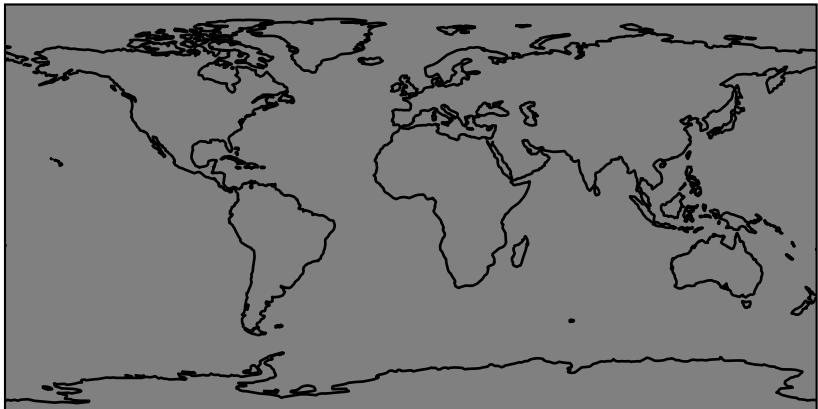
Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

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

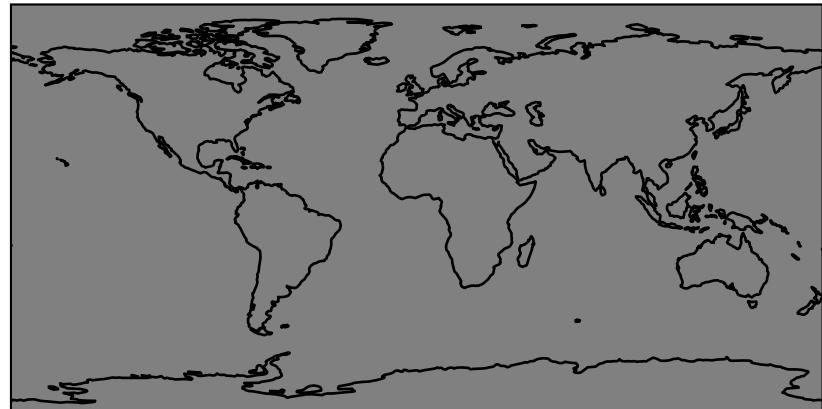


Ratio
Dev/Ref, Dynamic Range



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unitless

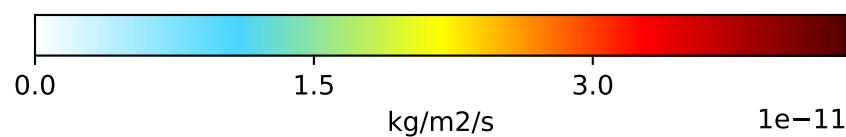
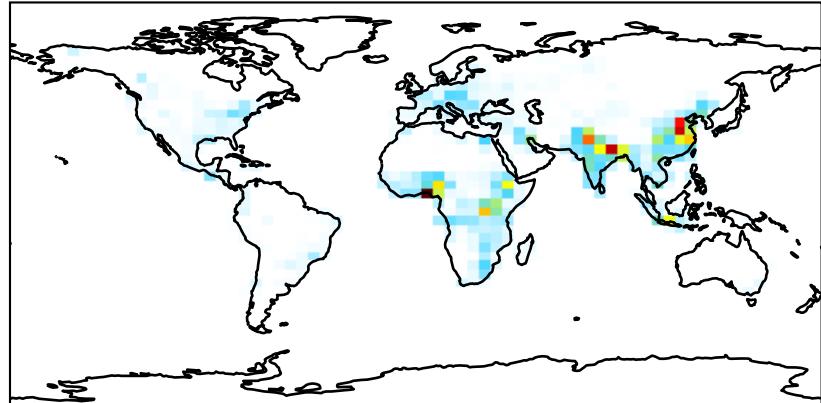
Ratio
Dev/Ref, Fixed Range



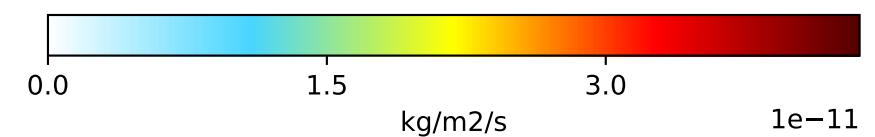
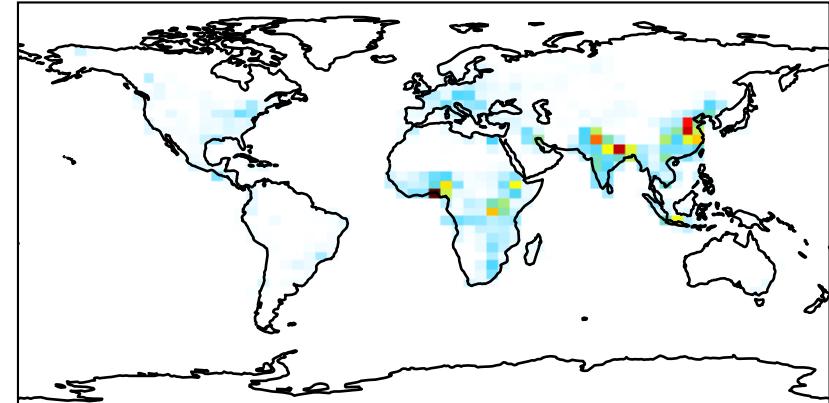
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EmisHCOOH_Anthro (Jan2019)

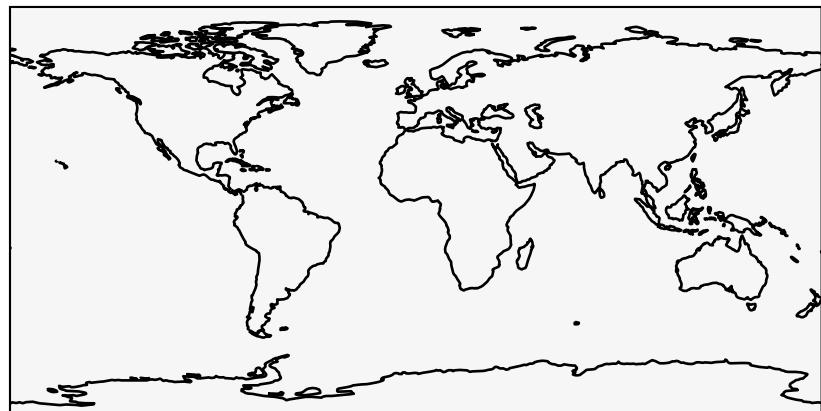
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



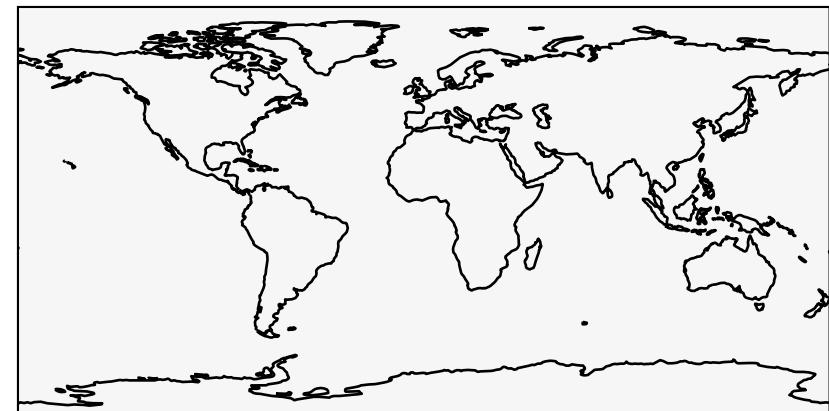
GCC_13.0.0 (Dev)
4.0x5.0



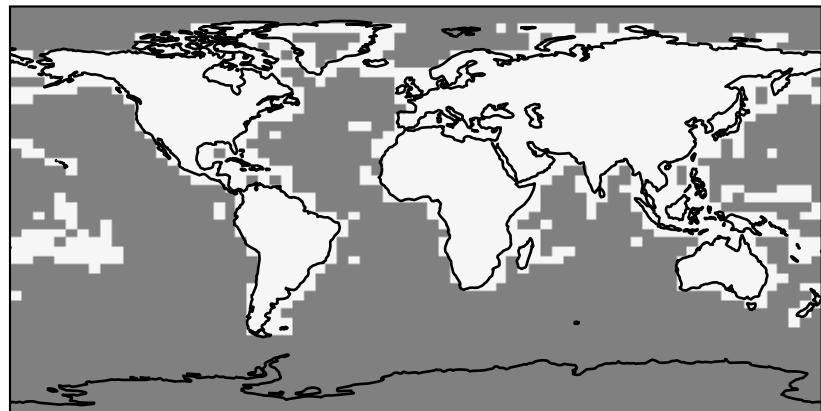
Difference
Dev - Ref, Dynamic Range



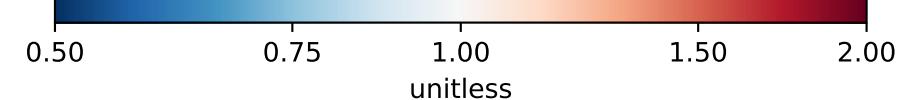
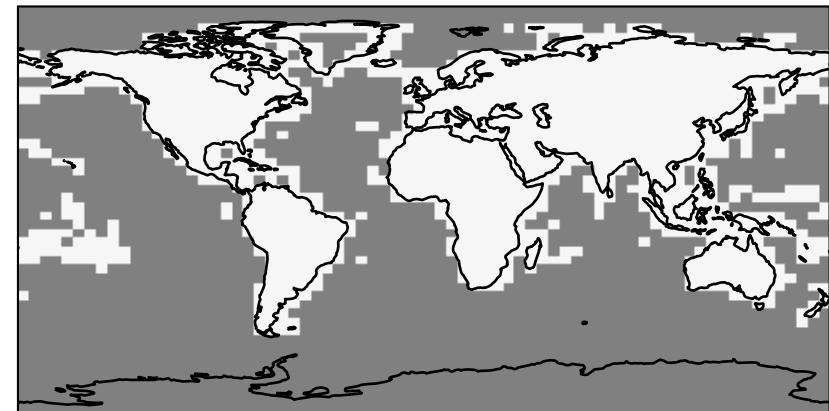
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

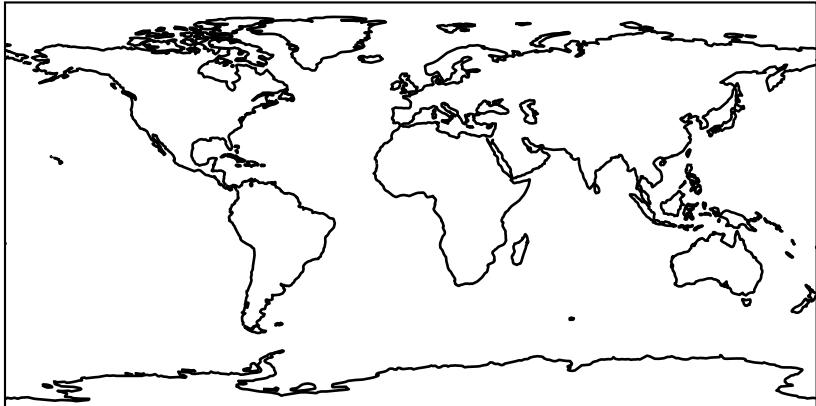


Ratio
Dev/Ref, Fixed Range



EmisHCOOH_Ship (Jan2019)

GCC_13.0.0-beta.1 (Ref)
4.0x5.0



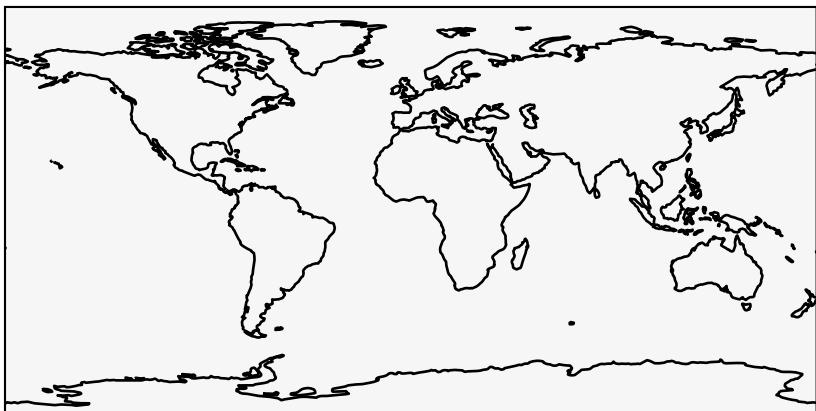
Zero throughout domain
kg/m²/s

GCC_13.0.0 (Dev)
4.0x5.0



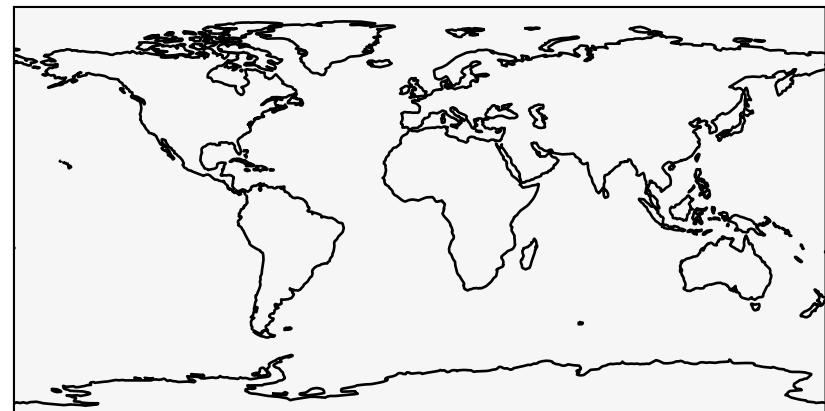
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



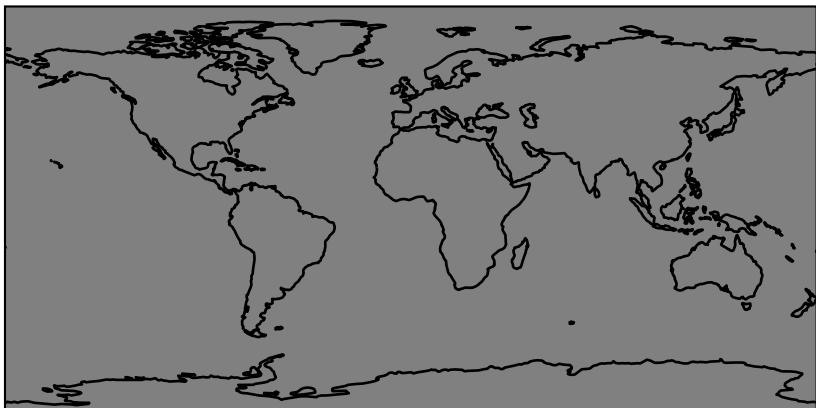
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kg/m²/s

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



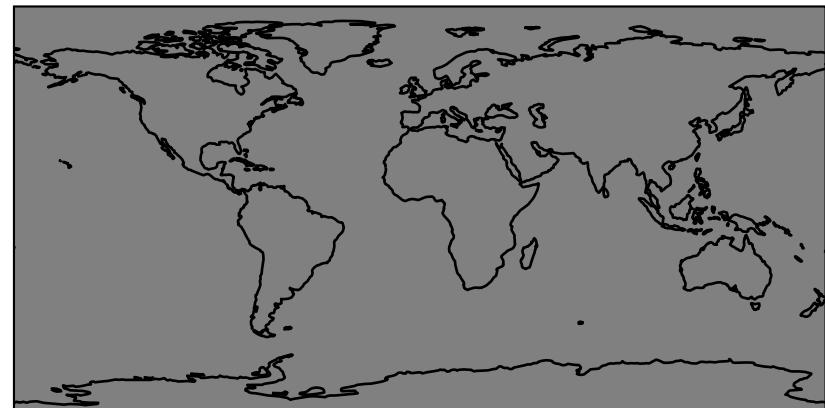
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kg/m²/s

Ratio
Dev/Ref, Dynamic Range



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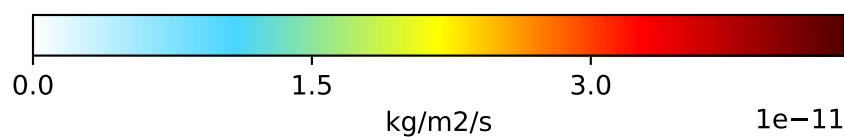
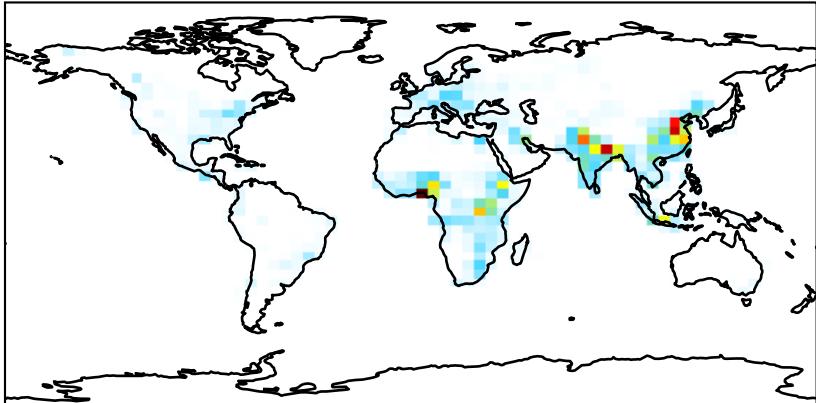
Ratio
Dev/Ref, Fixed Range



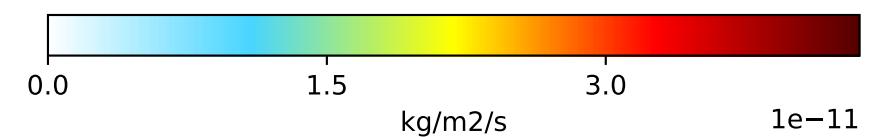
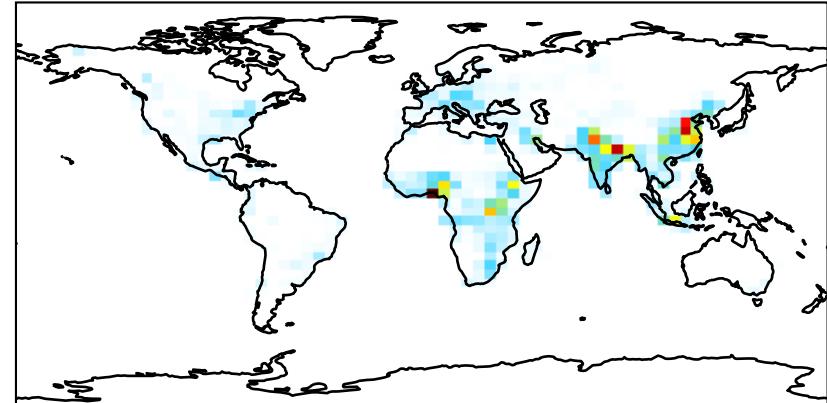
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EmisHCOOH_Total (Jan2019)

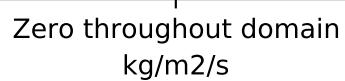
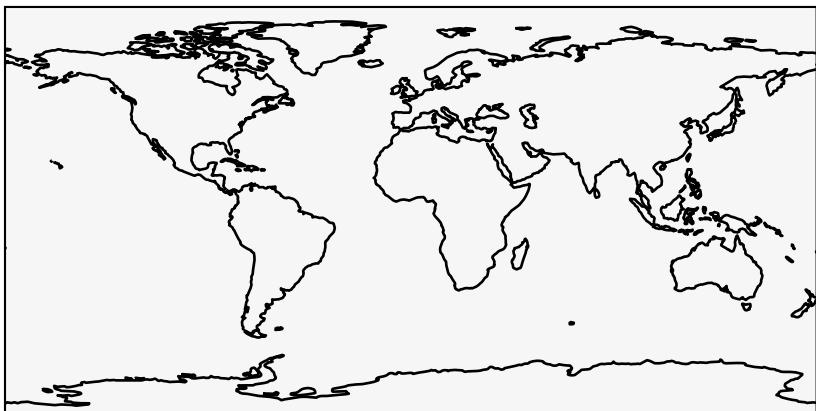
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



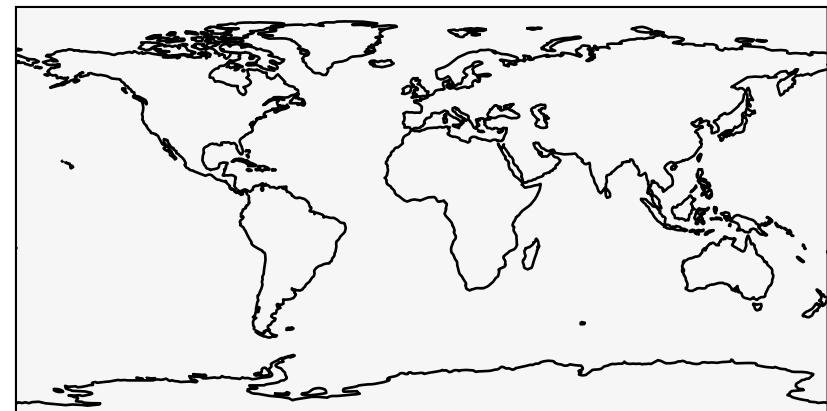
GCC_13.0.0 (Dev)
4.0x5.0



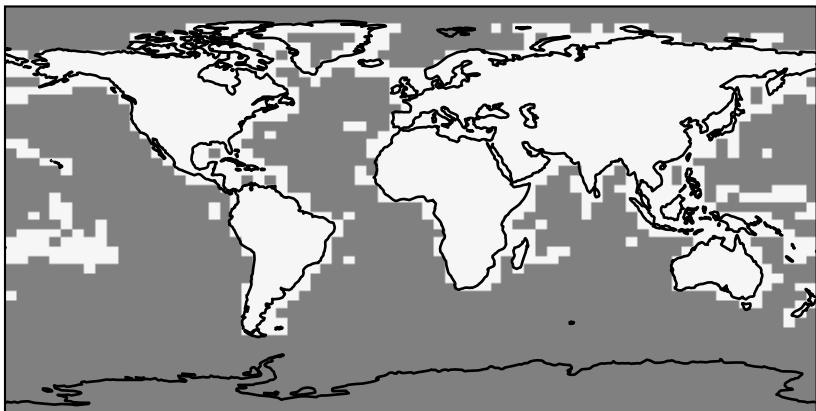
Difference
Dev - Ref, Dynamic Range



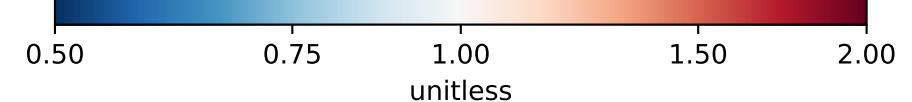
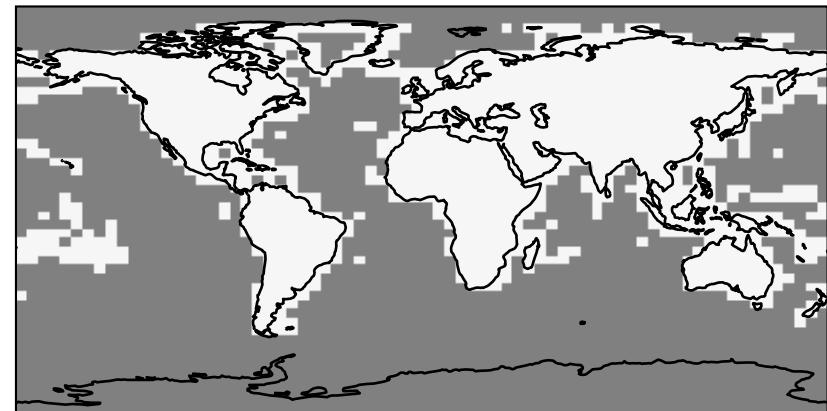
Difference
Dev - Ref, Restricted Range [5%,95%]



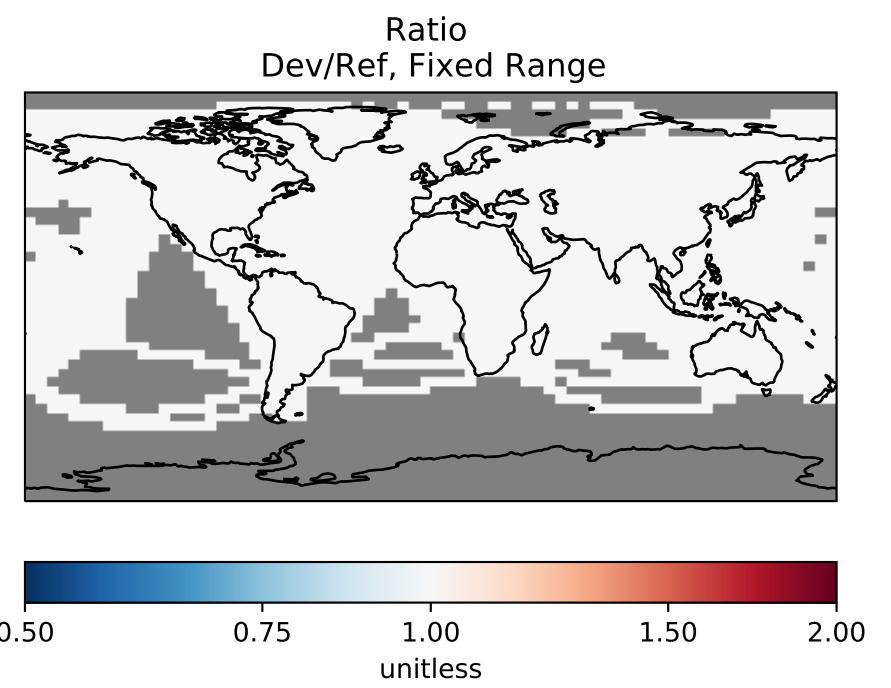
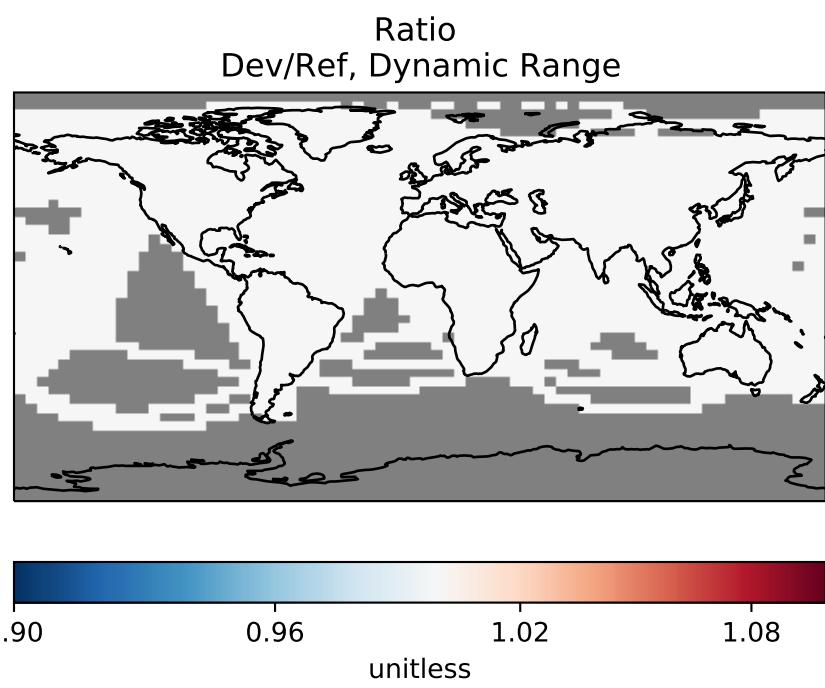
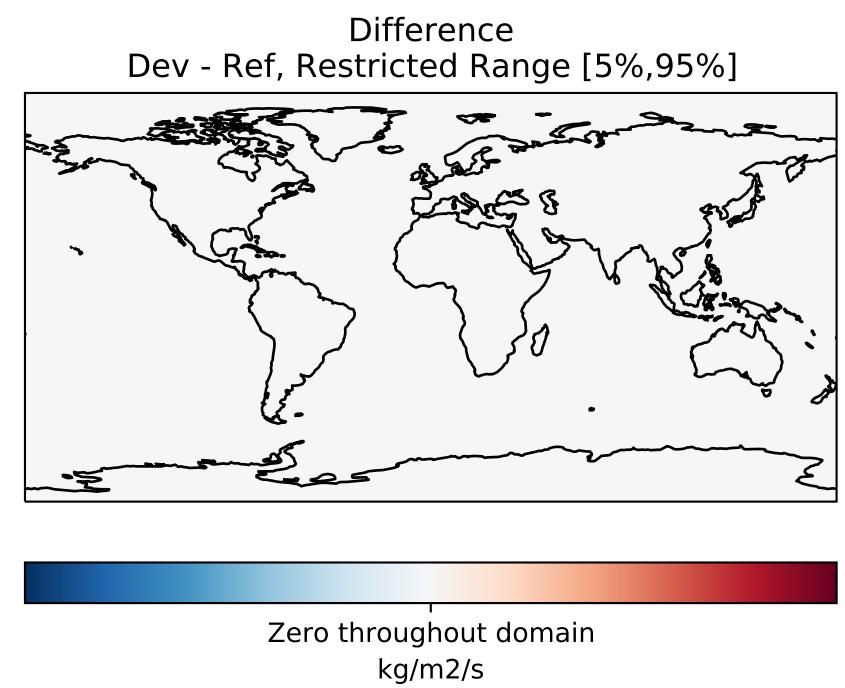
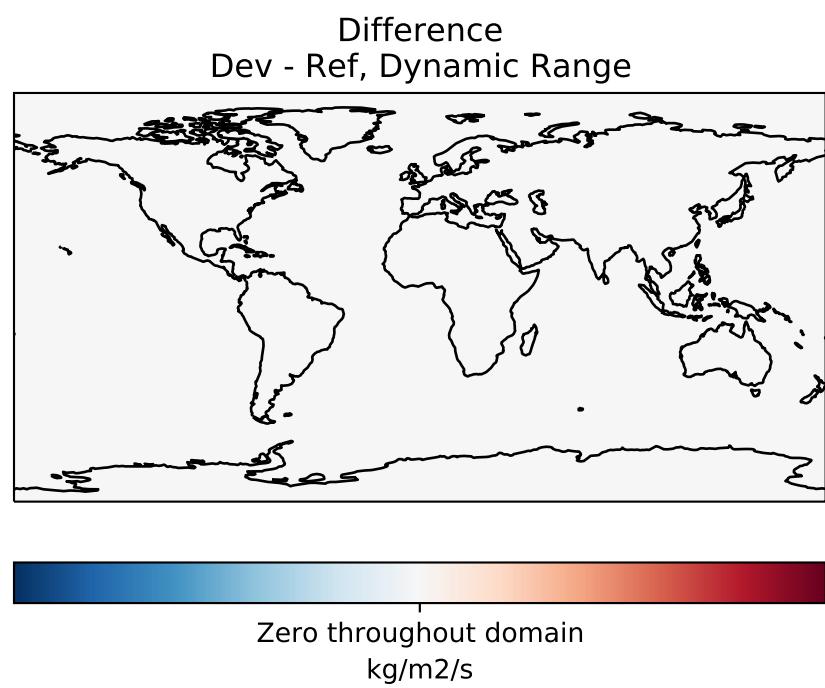
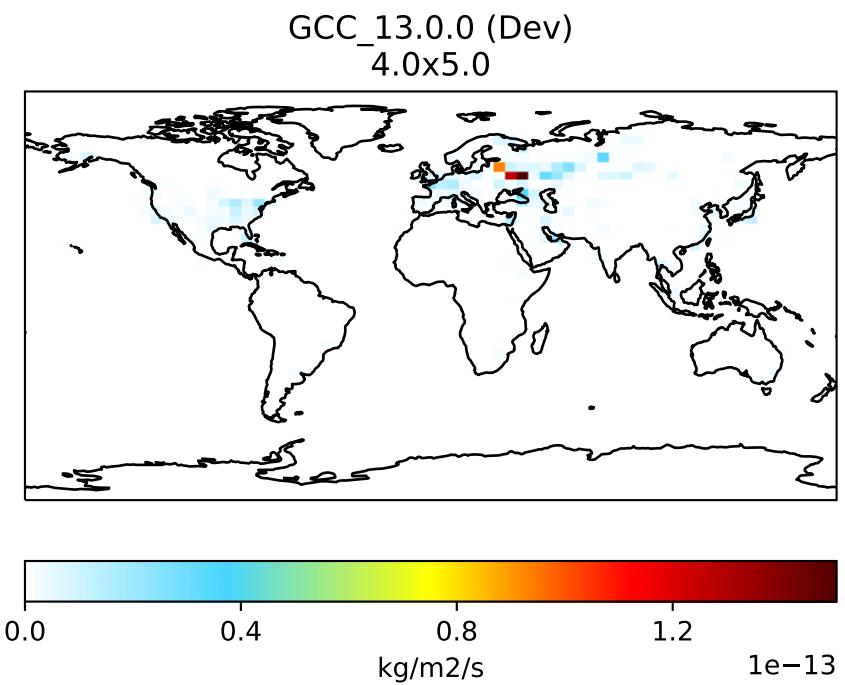
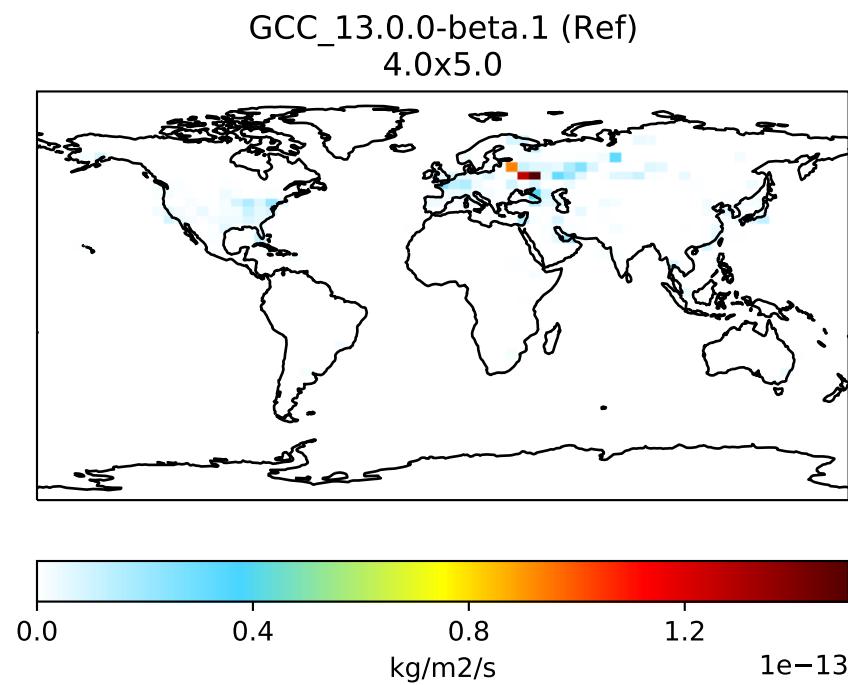
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

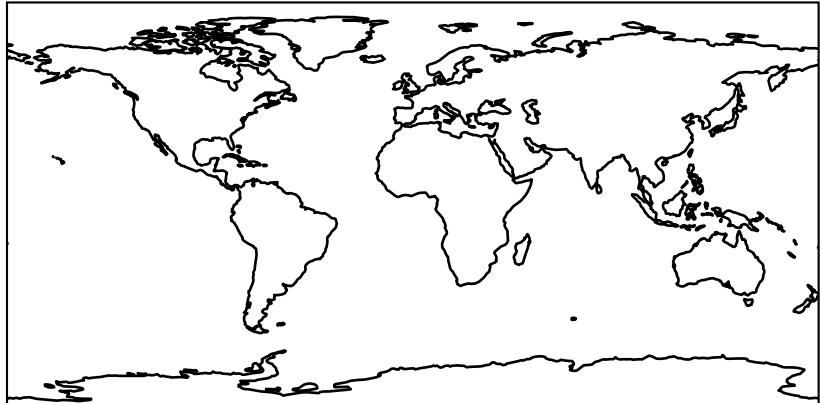


EmisRCHO_Aircraft (Jan2019)



EmisRCHO_Anthro (Jan2019)

GCC_13.0.0-beta.1 (Ref)
4.0x5.0



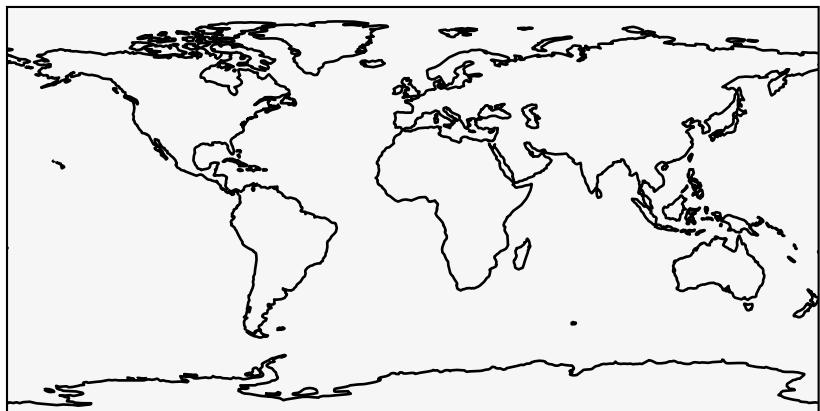
GCC_13.0.0 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

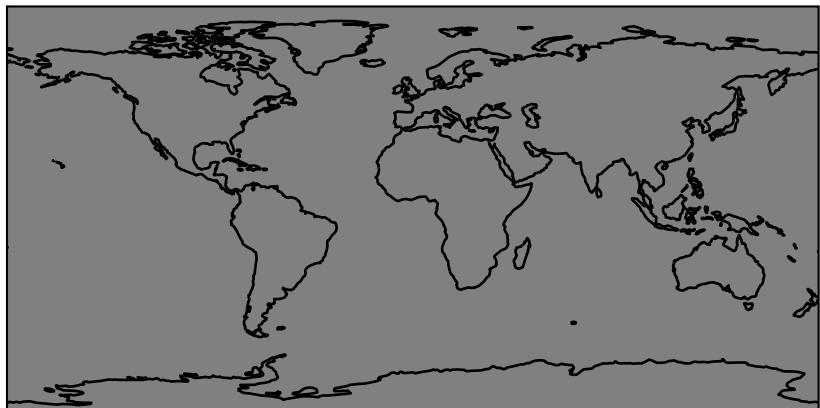
Difference
Dev - Ref, Dynamic Range



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kg/m²/s

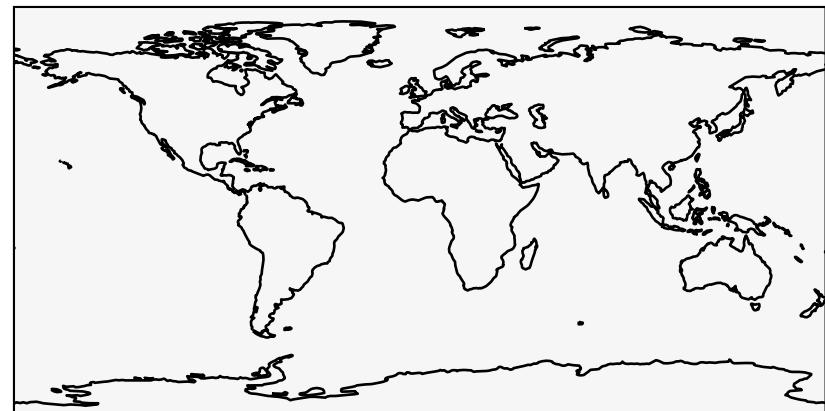
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



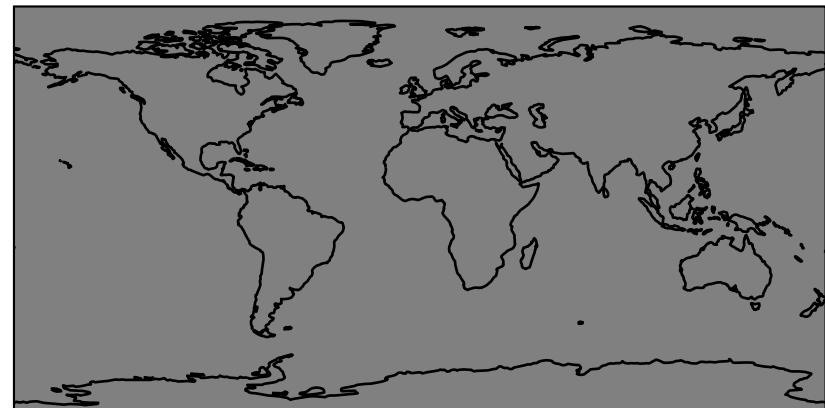
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unitless

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



Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

EmisRCHO_Total (Jan2019)

