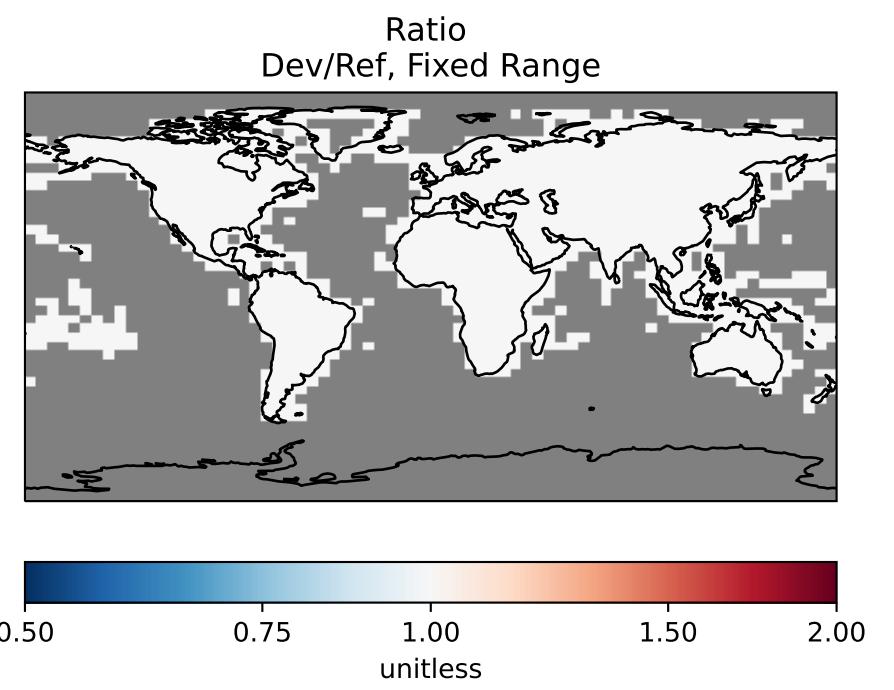
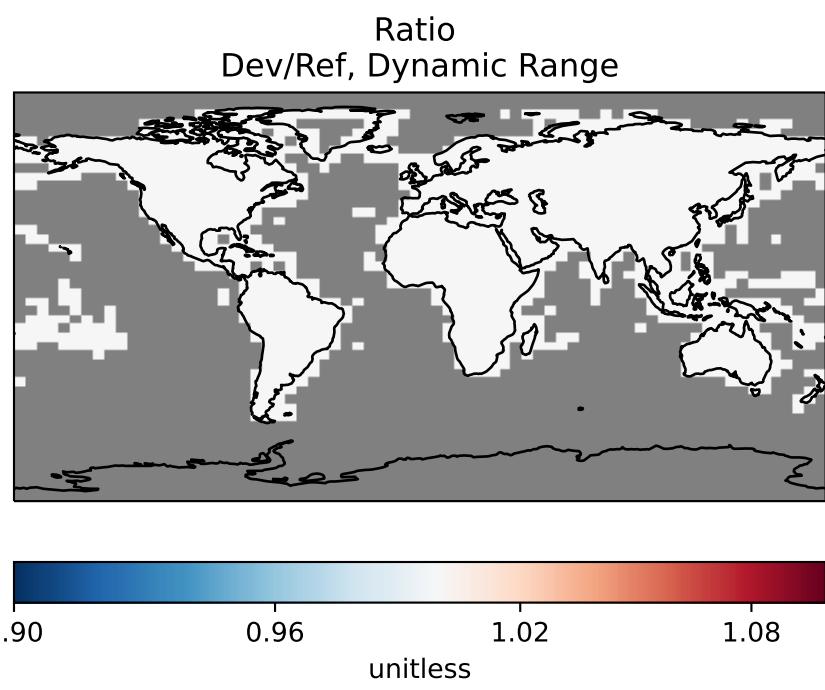
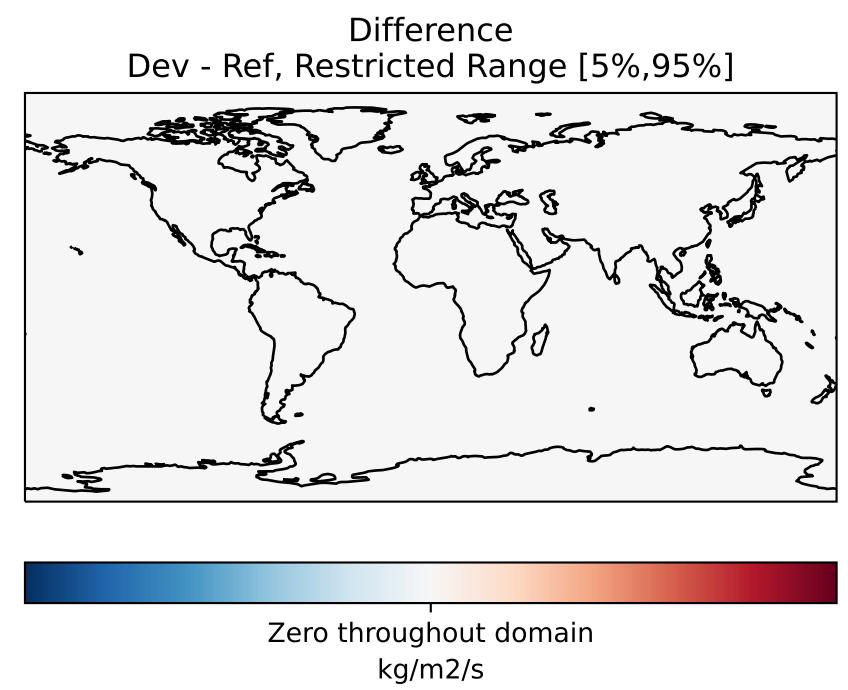
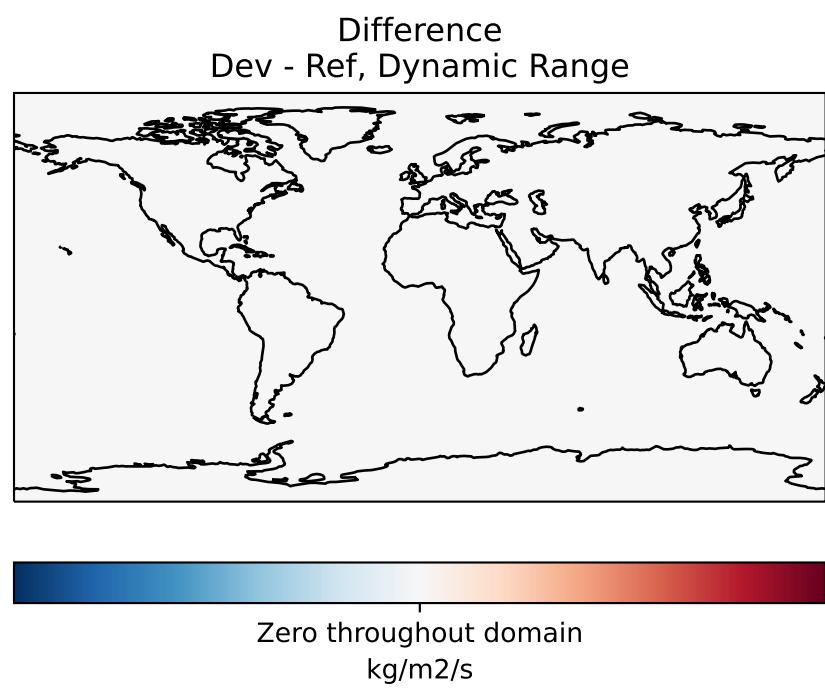
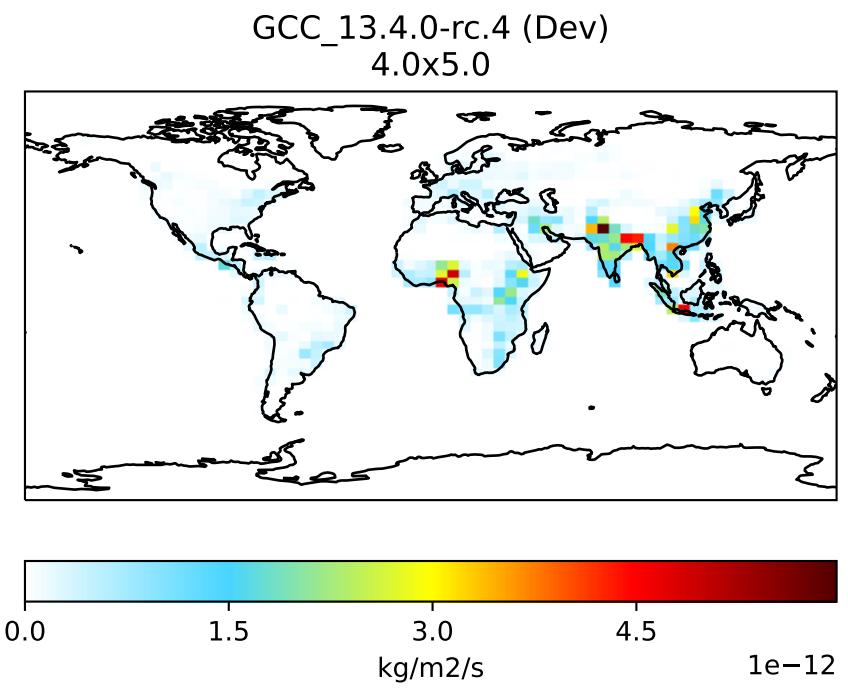
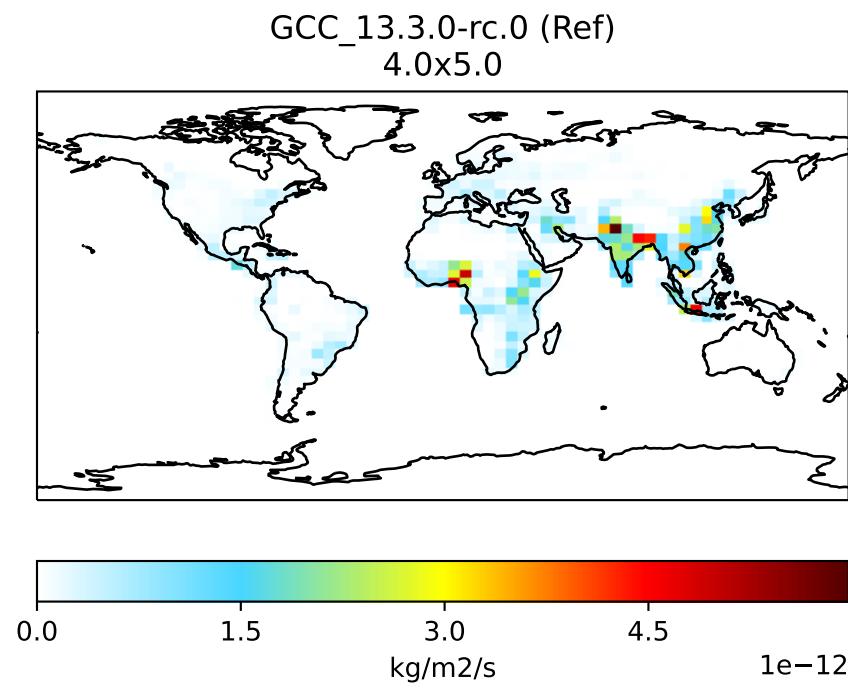
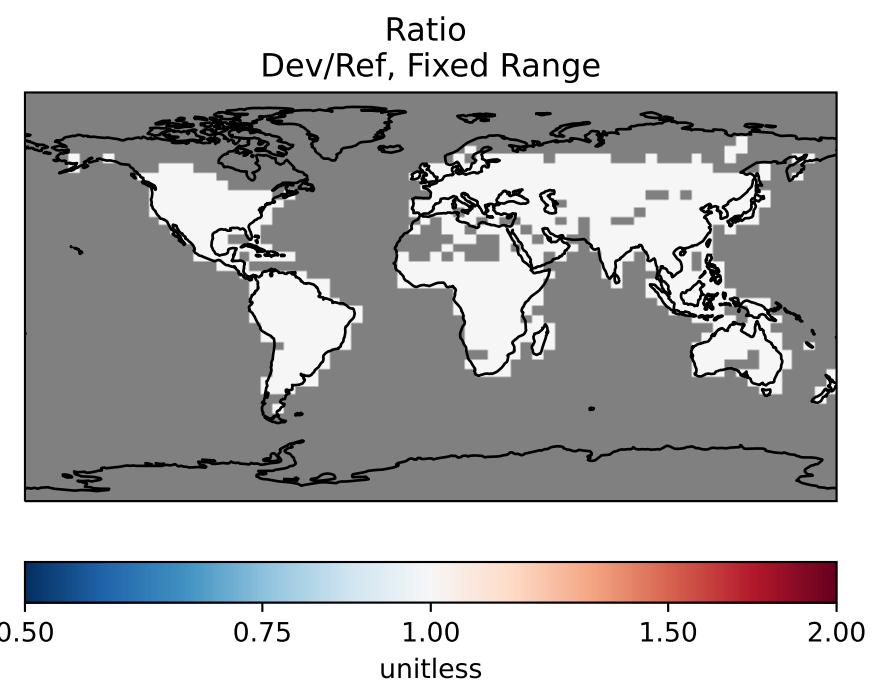
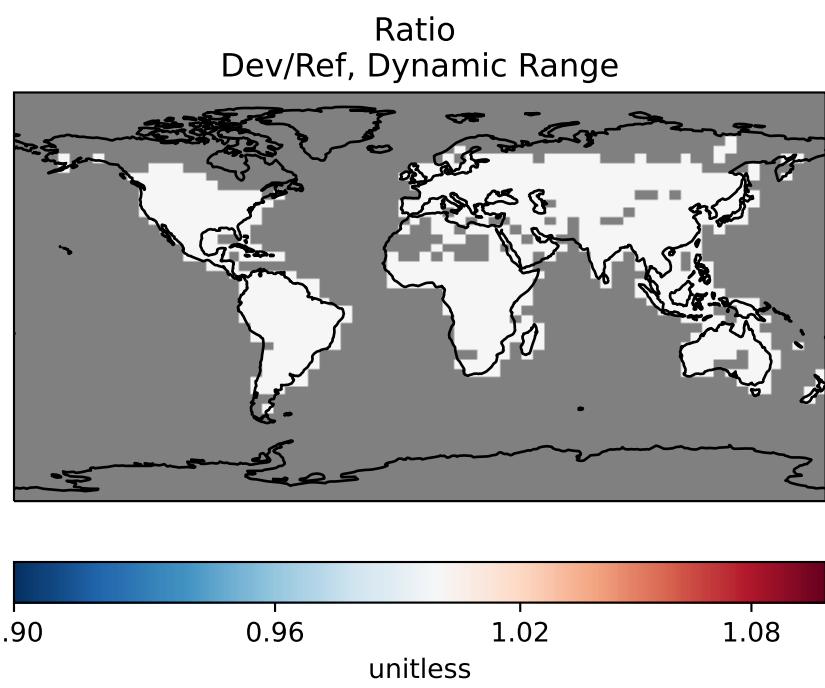
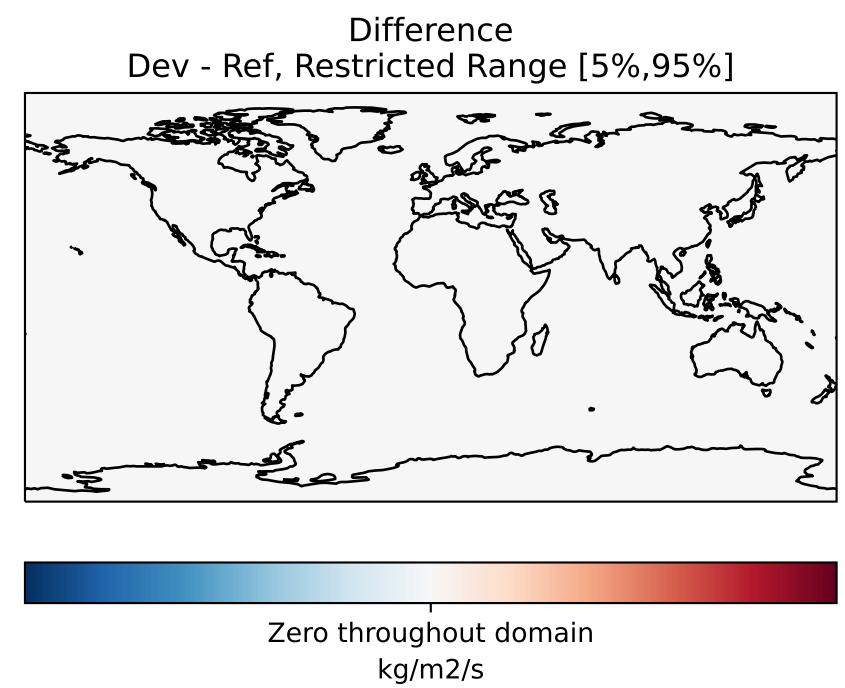
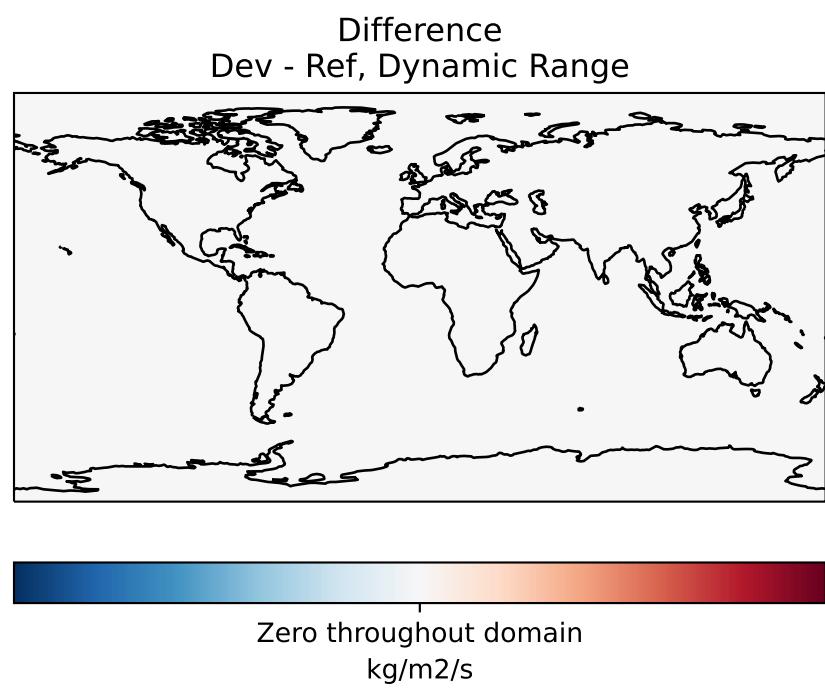
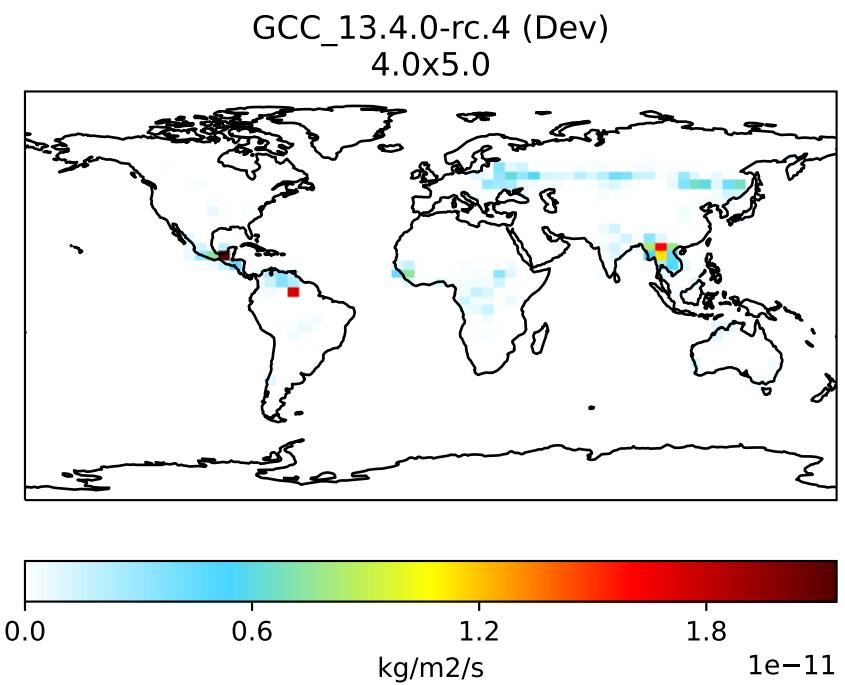
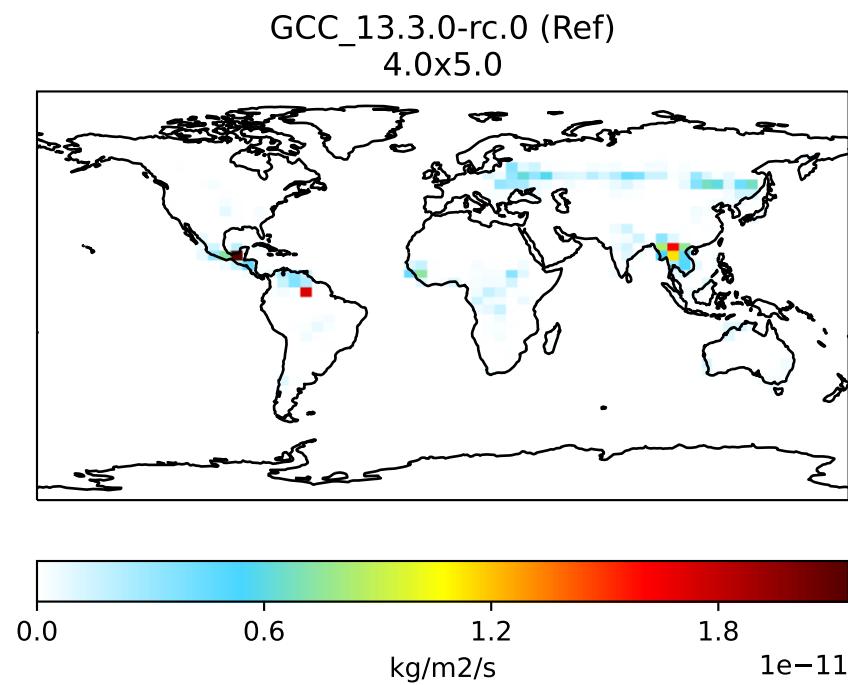


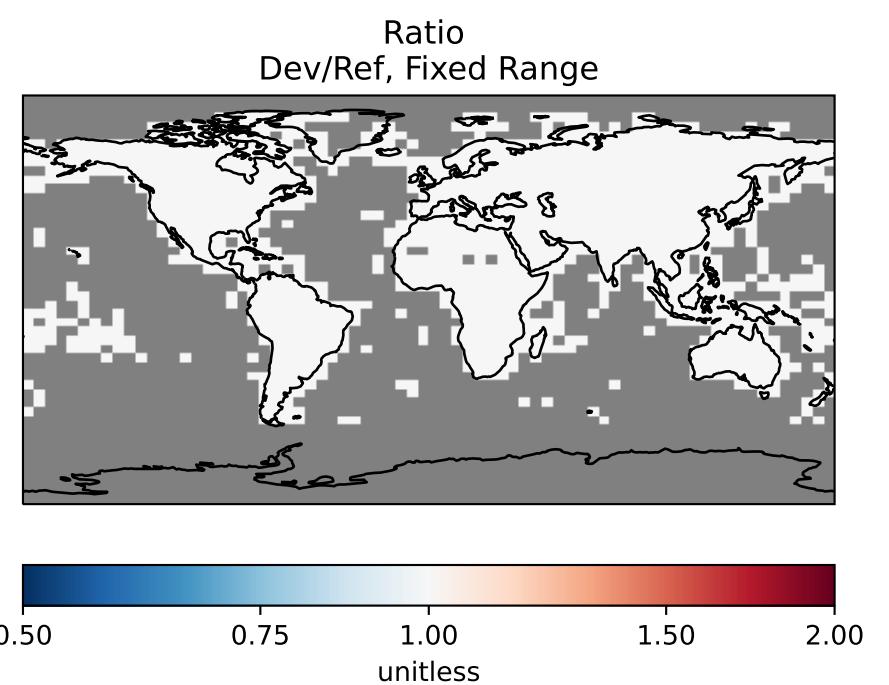
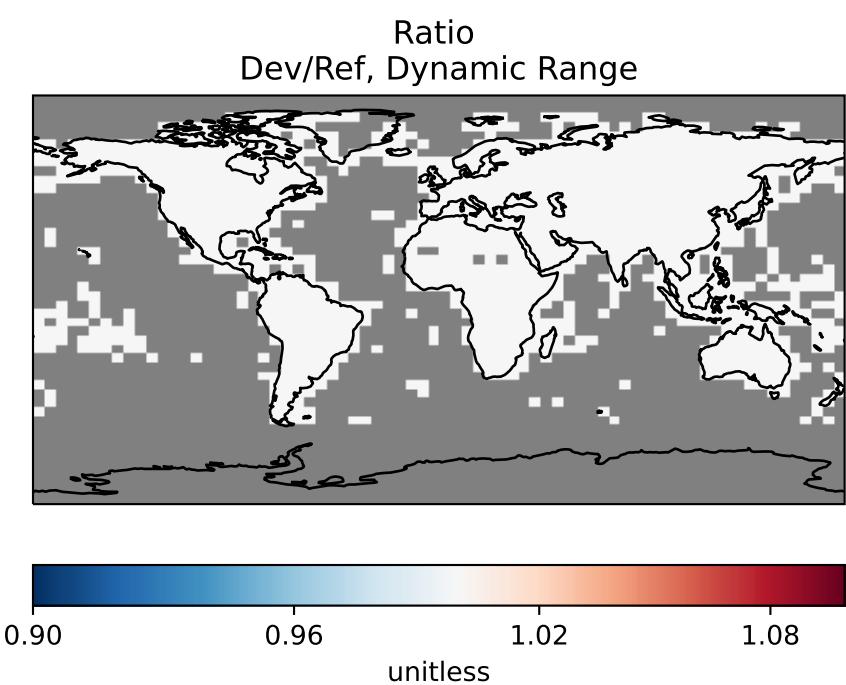
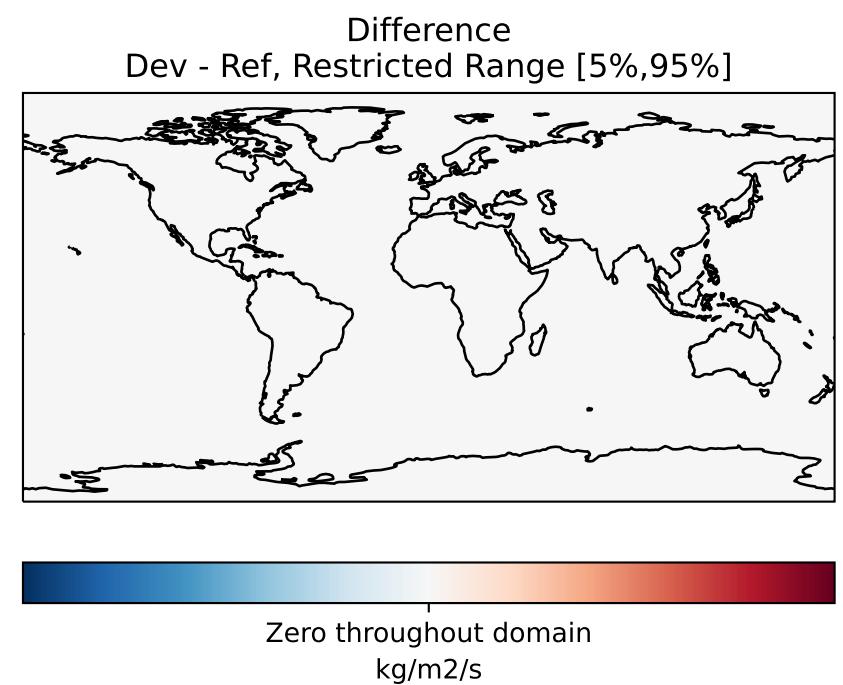
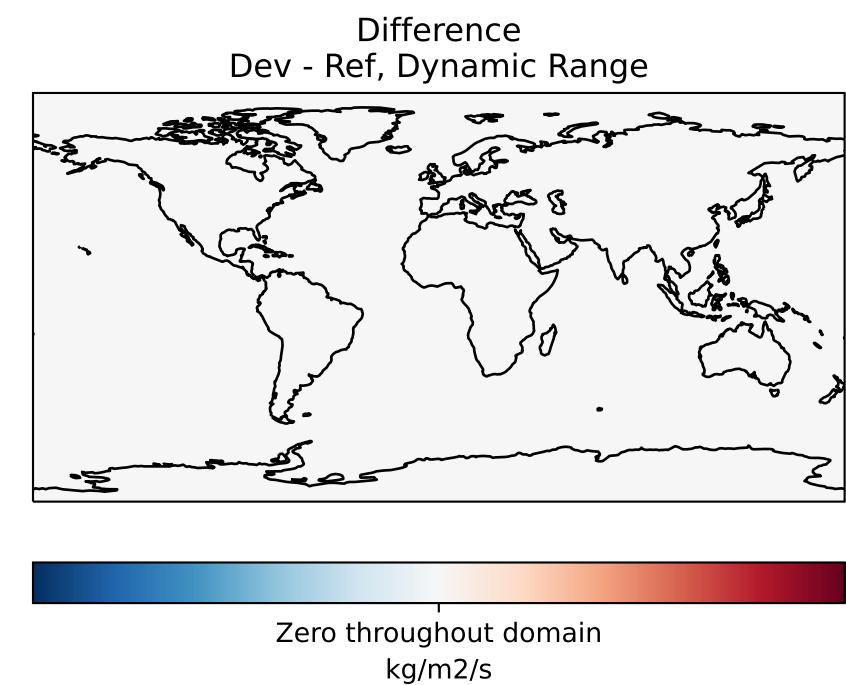
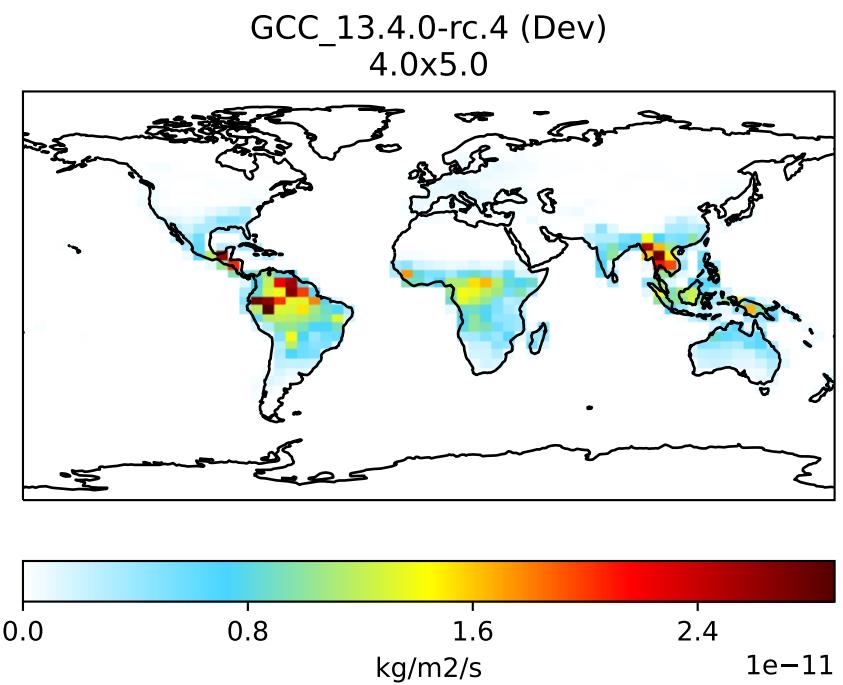
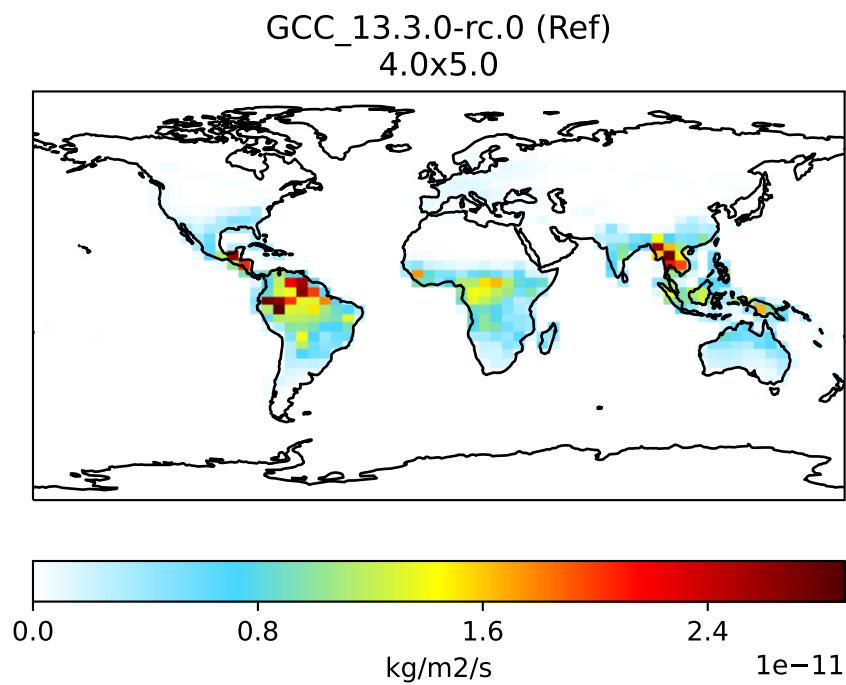
EmisALD2_Anthro (Apr2019)



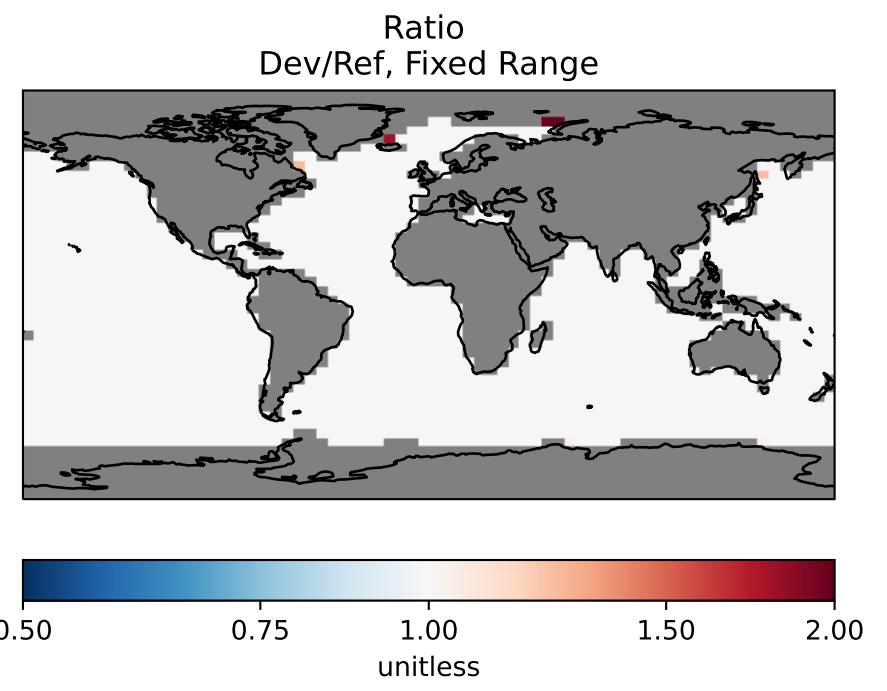
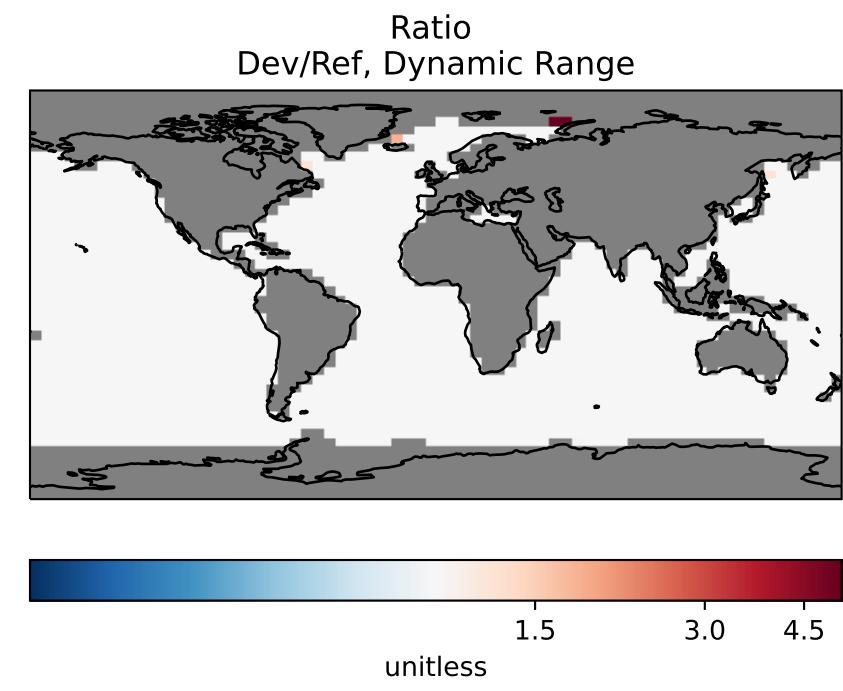
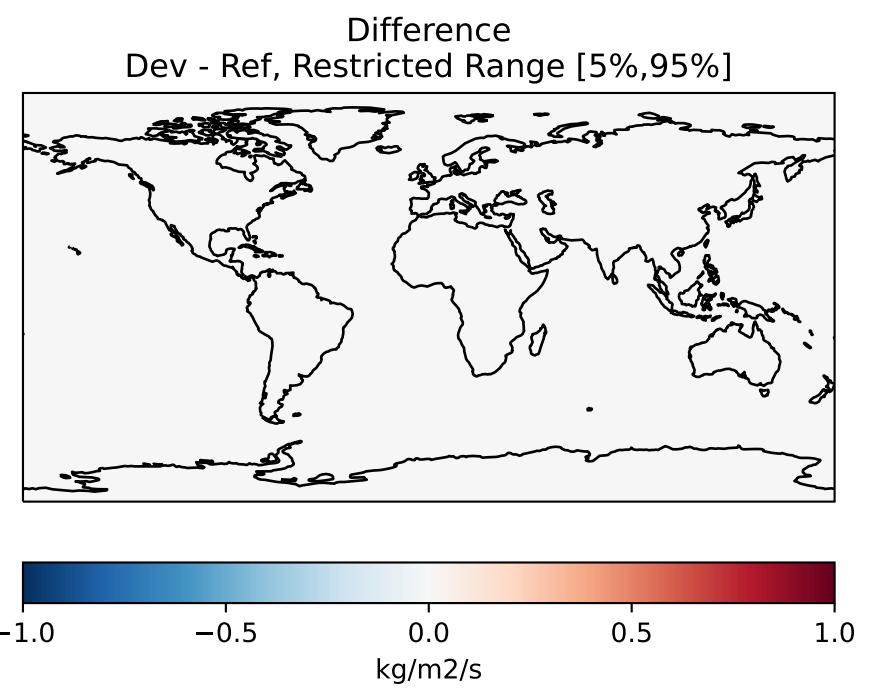
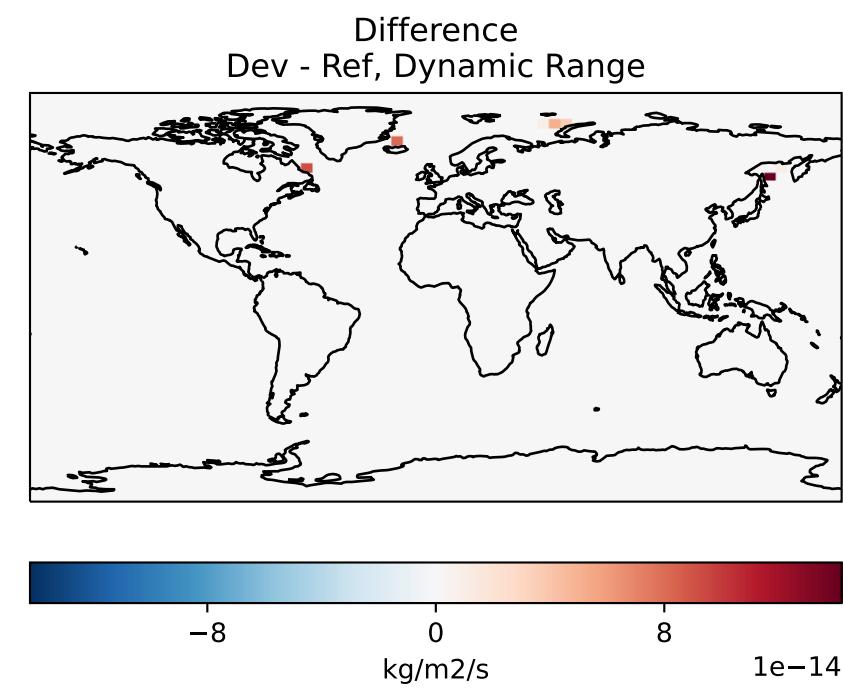
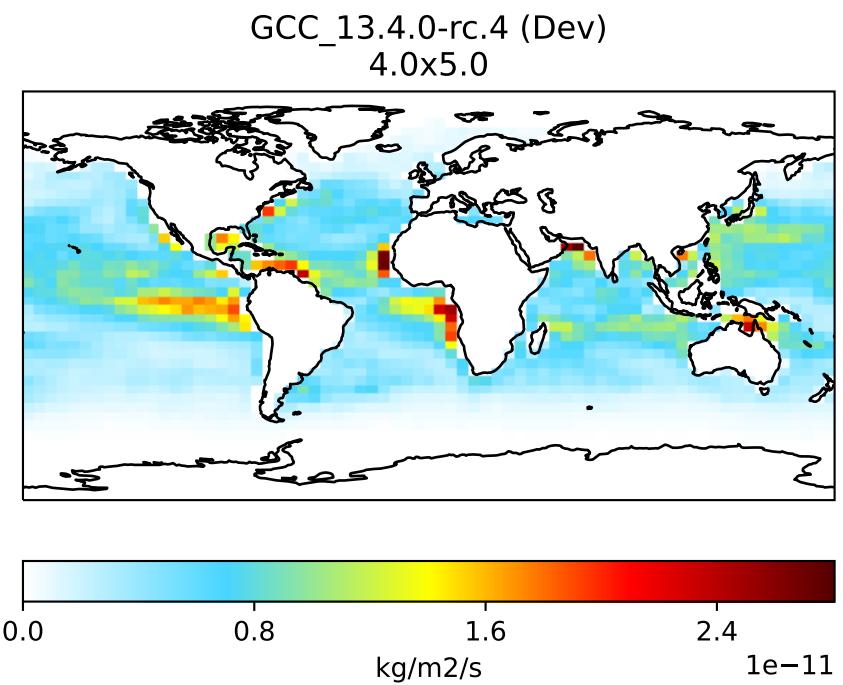
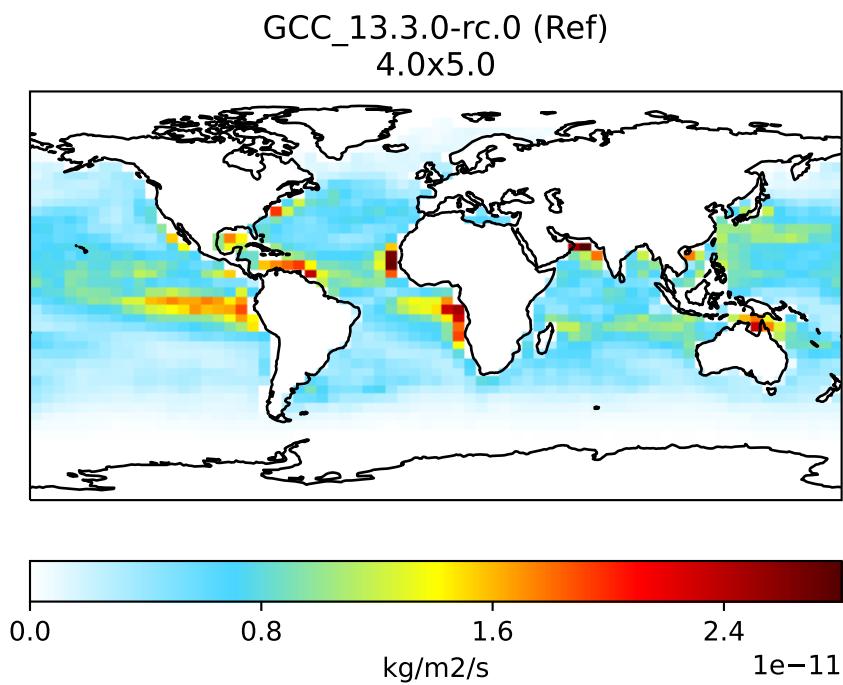
EmisALD2_BioBurn (Apr2019)



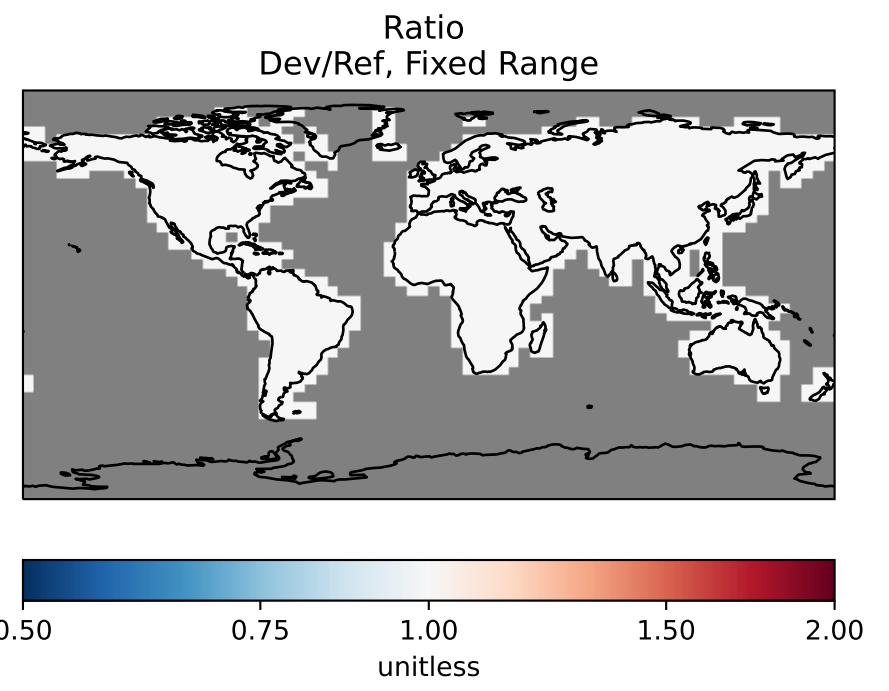
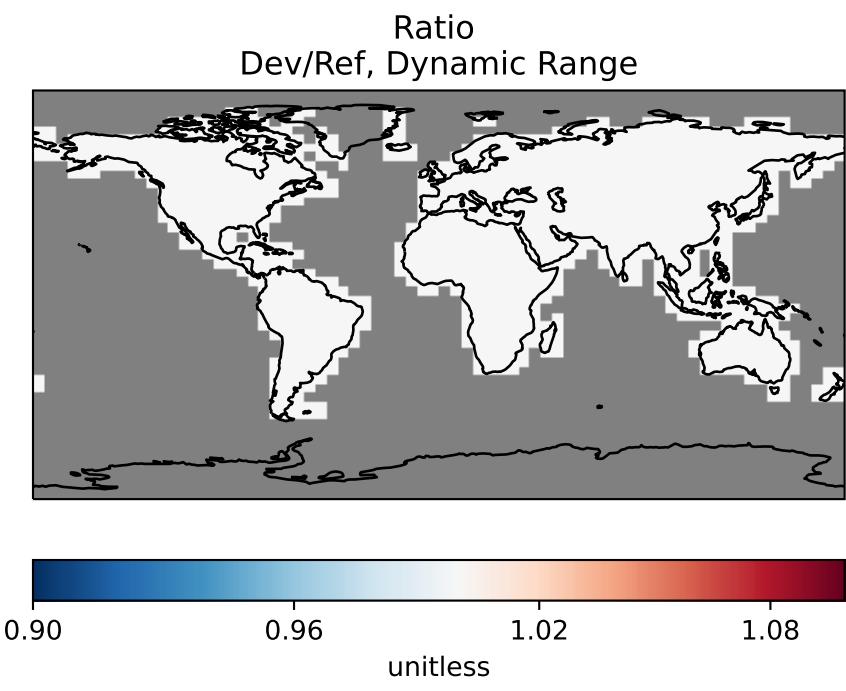
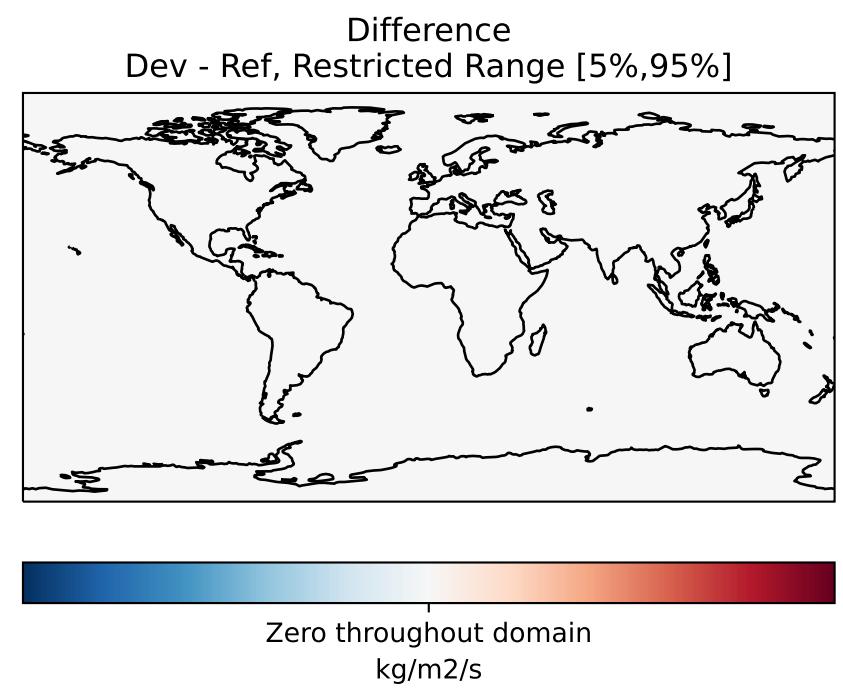
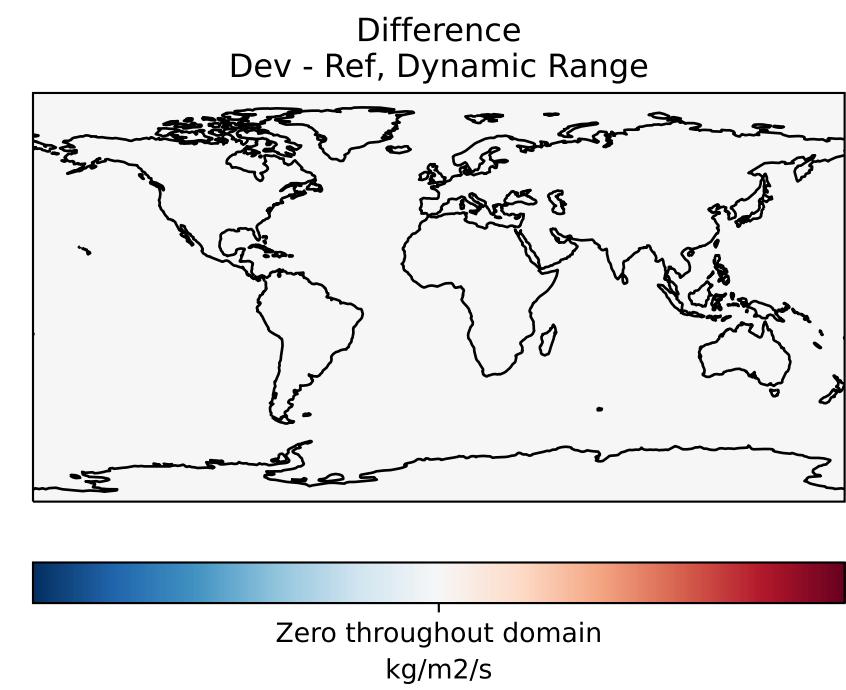
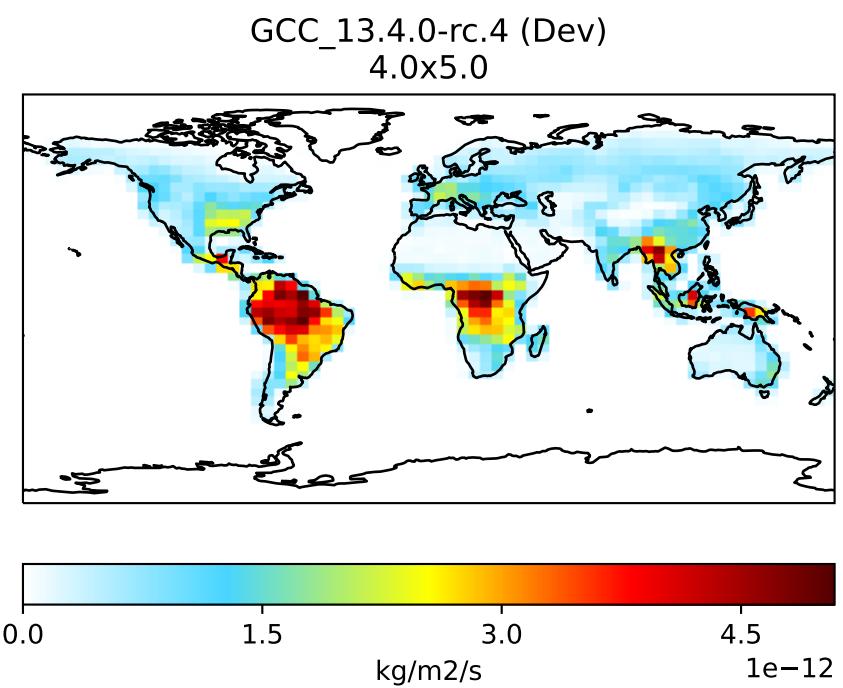
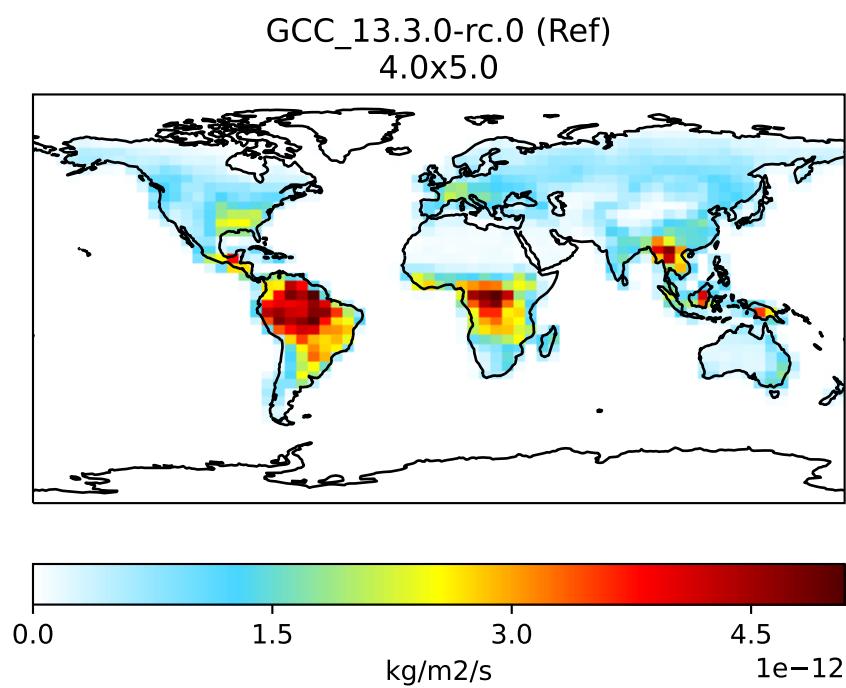
EmisALD2_Biogenic (Apr2019)



EmisALD2_Ocean (Apr2019)

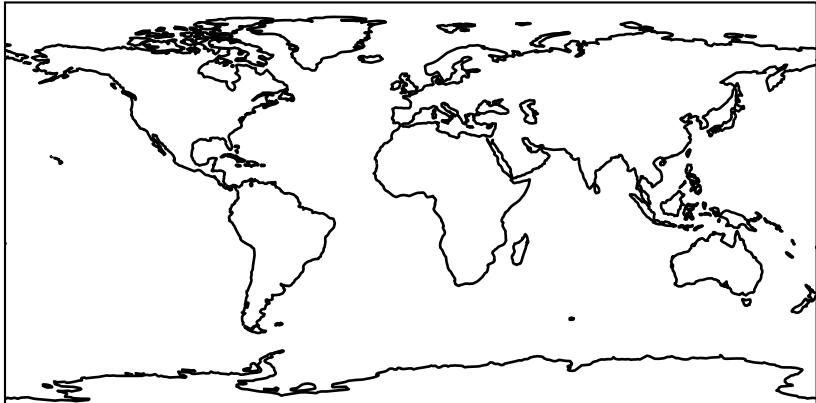


EmisALD2_PlantDecay (Apr2019)



EmisALD2_Ship (Apr2019)

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



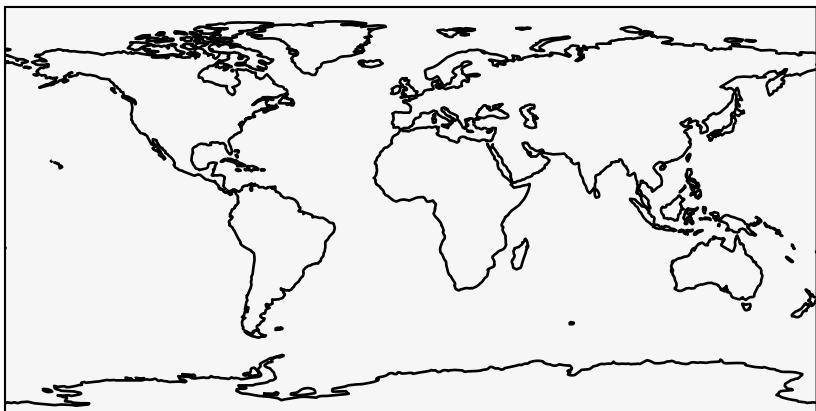
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



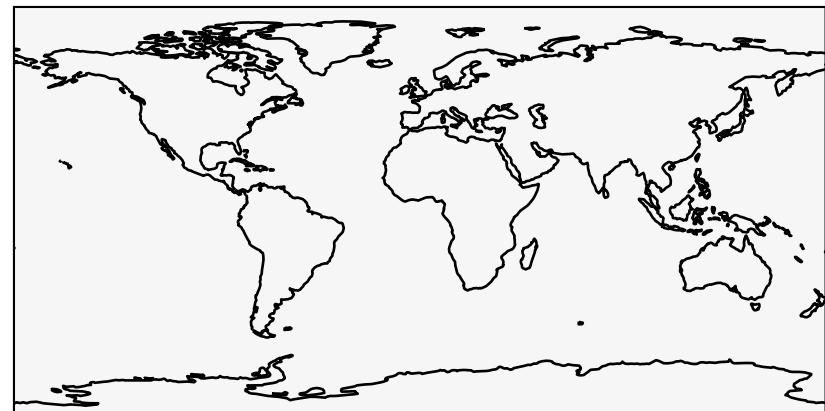
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



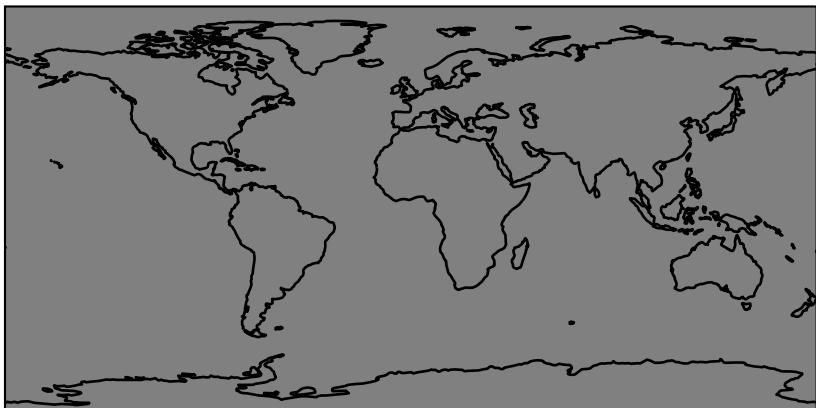
Zero throughout domain
kg/m²/s

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



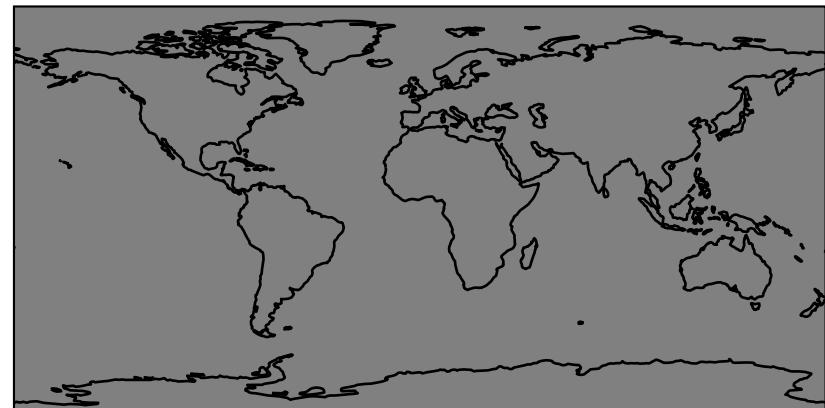
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



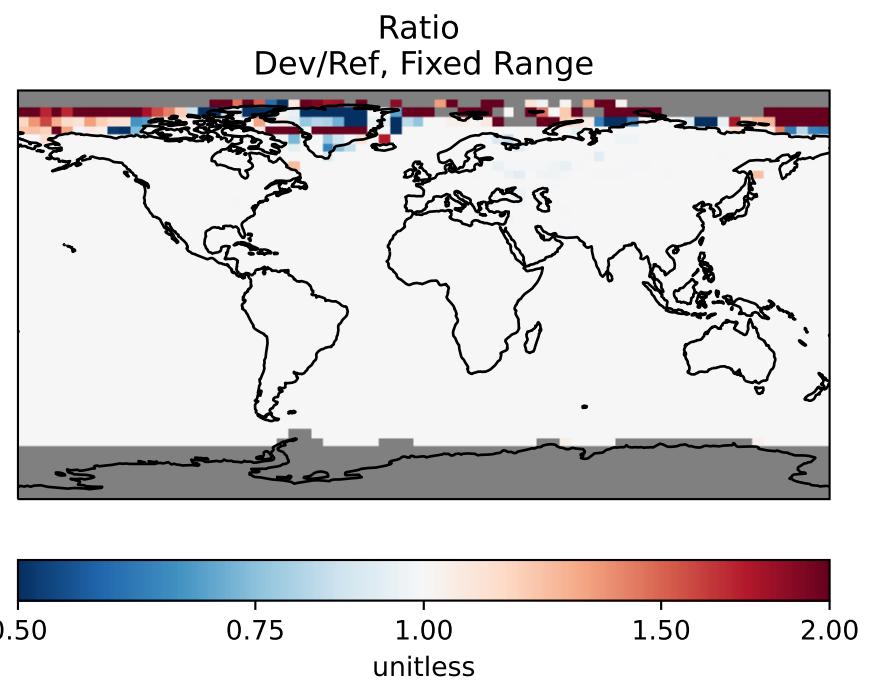
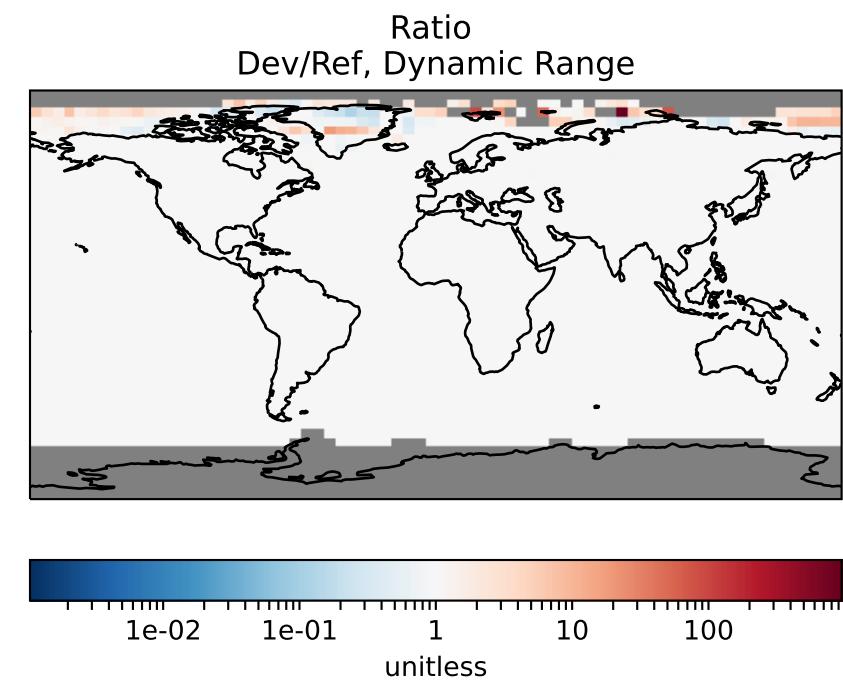
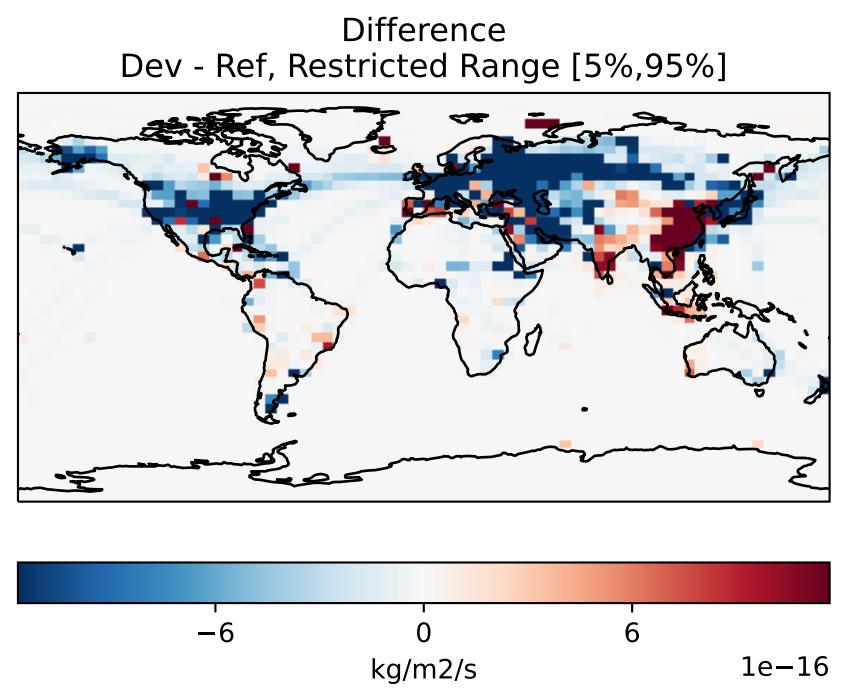
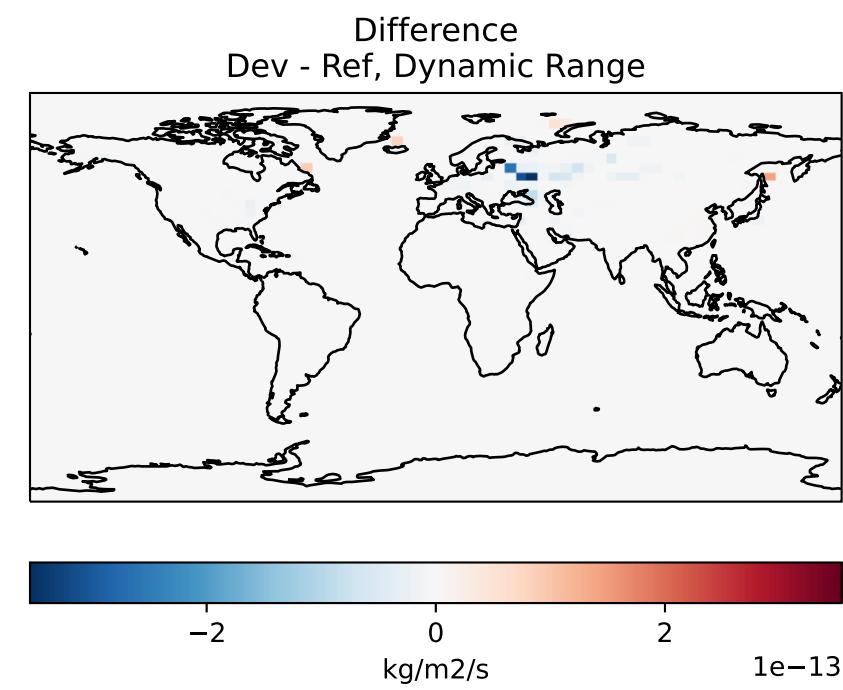
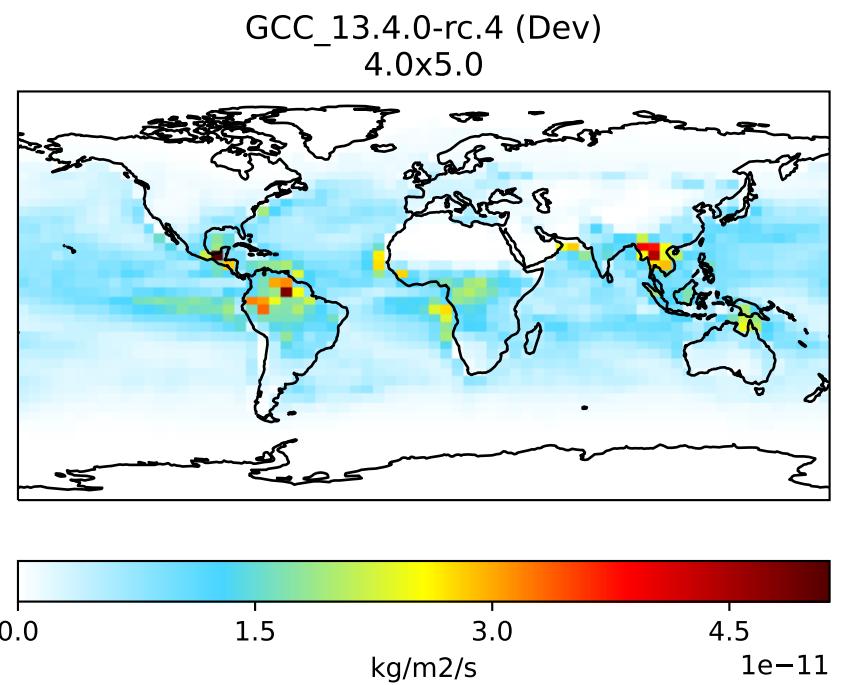
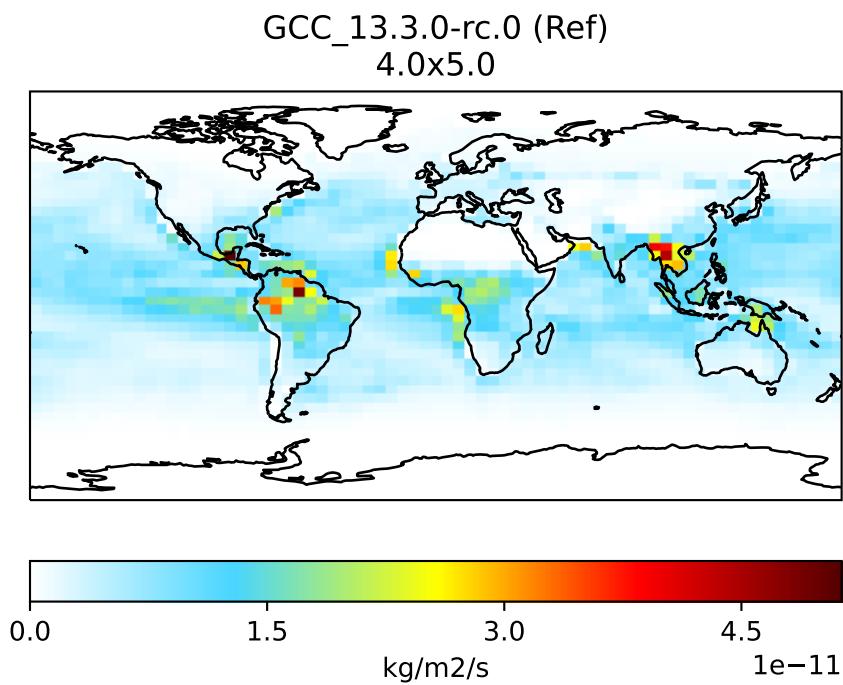
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

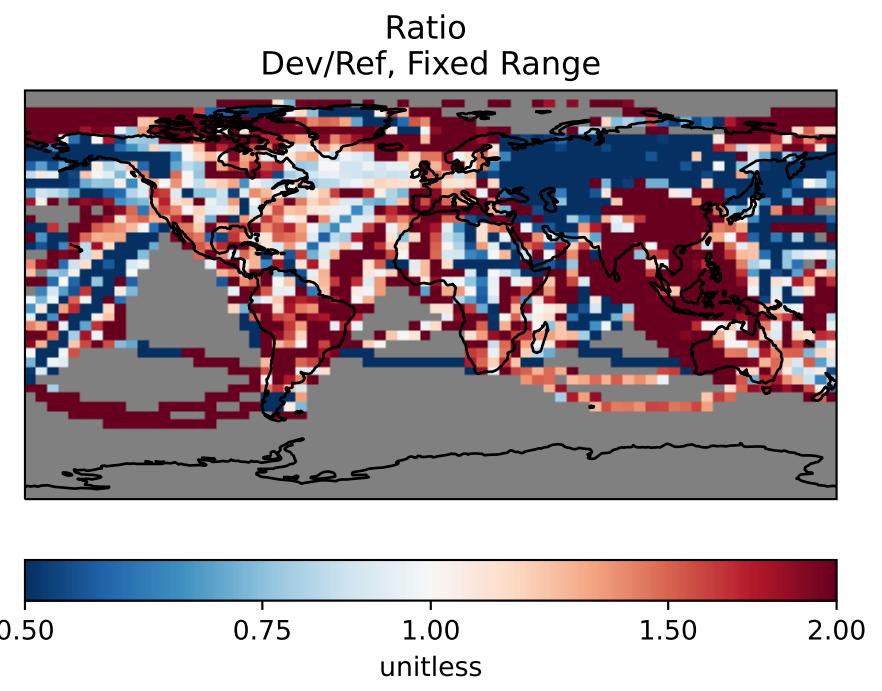
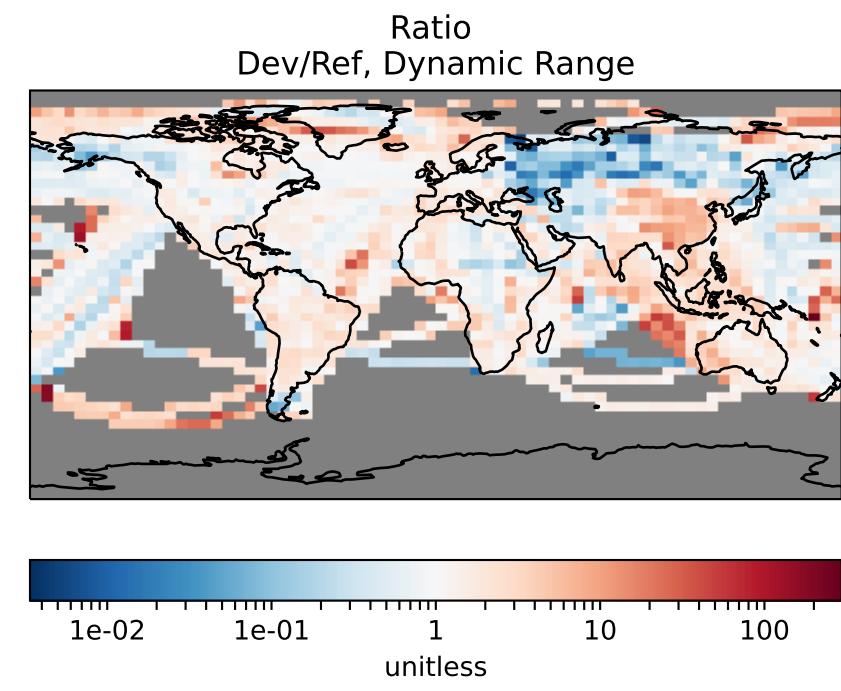
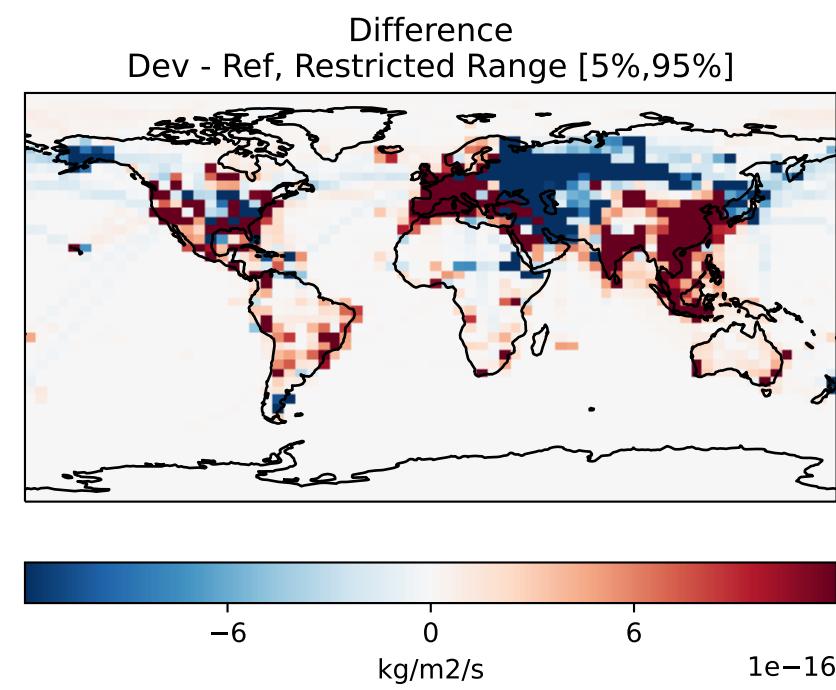
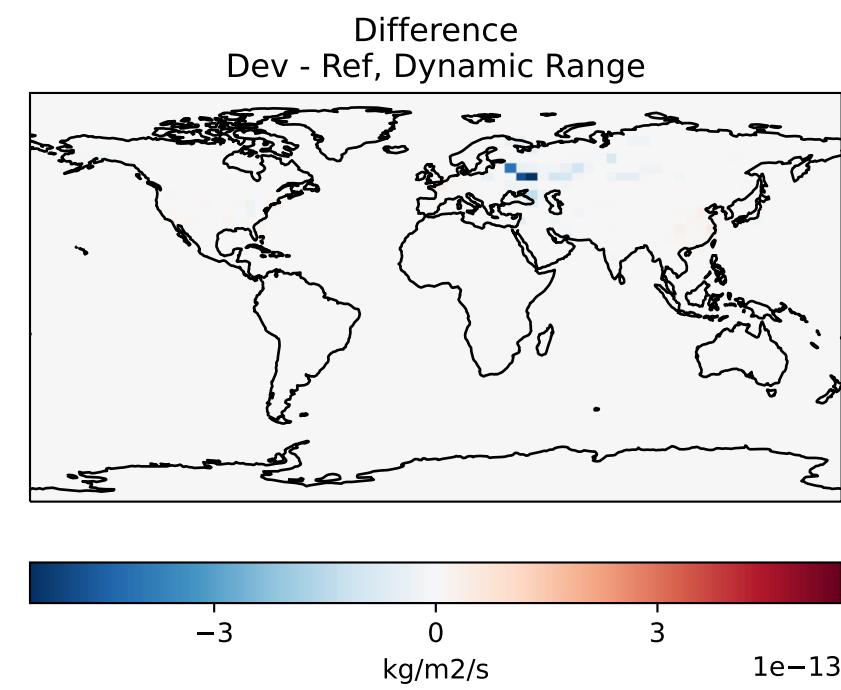
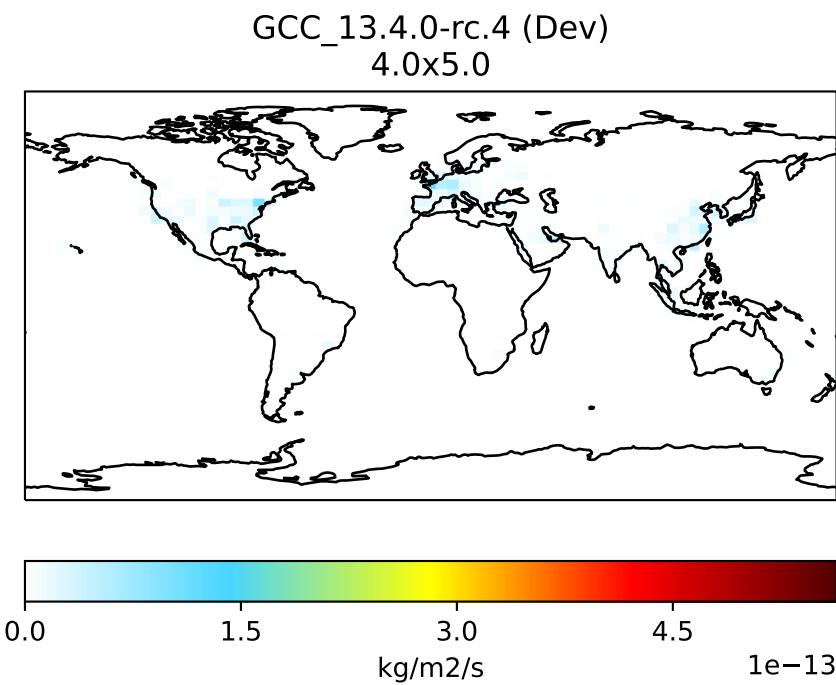
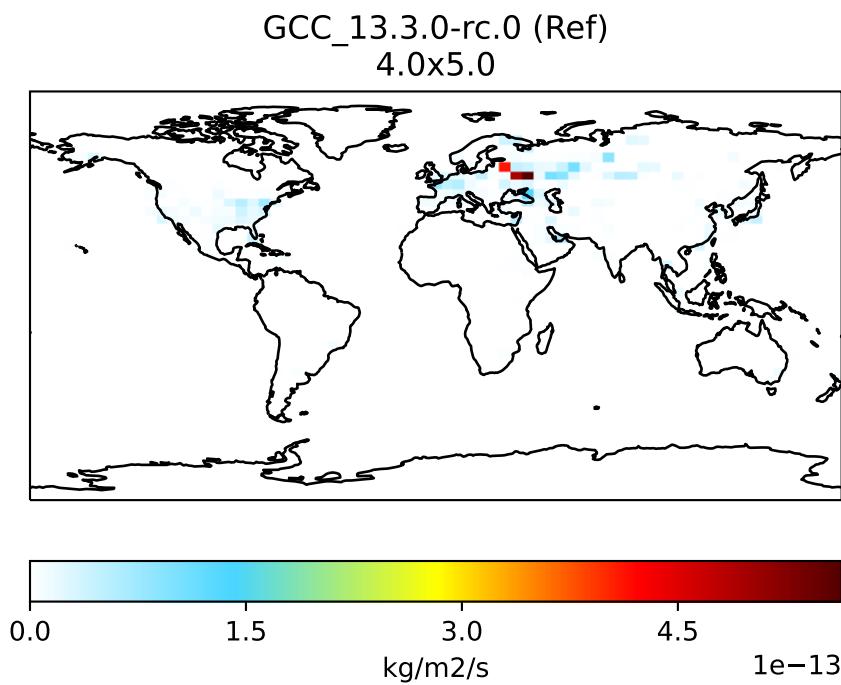


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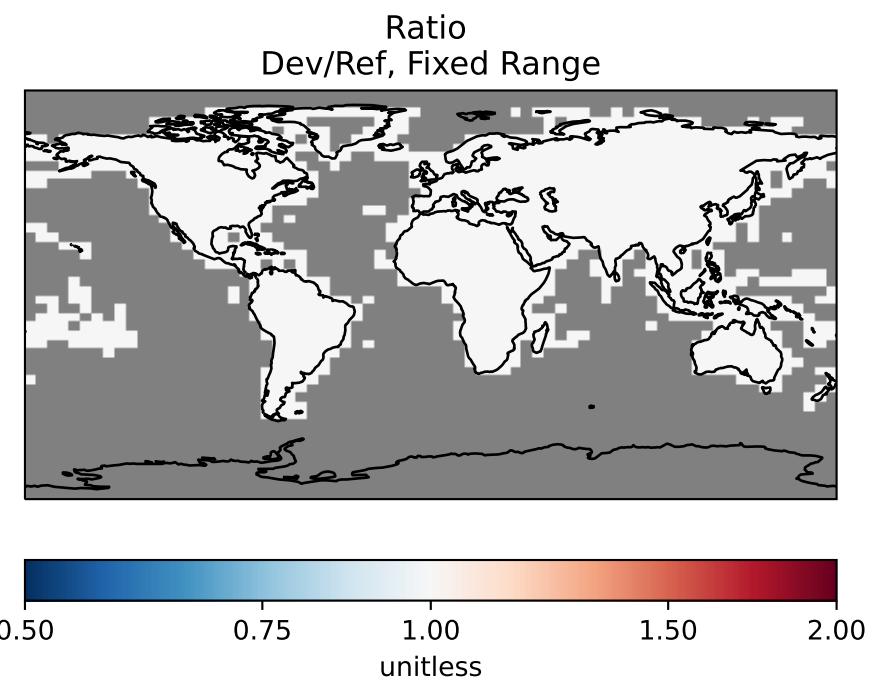
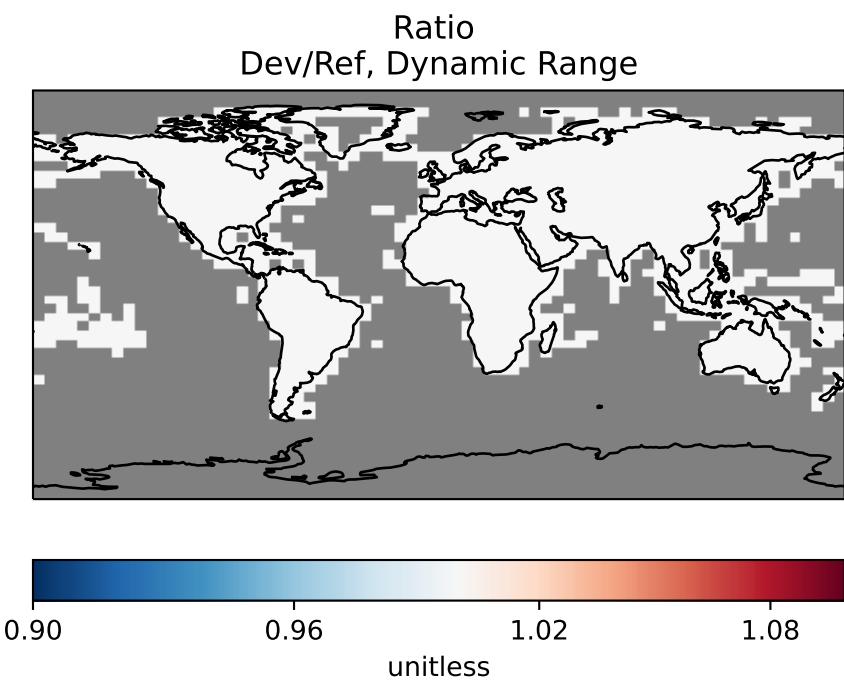
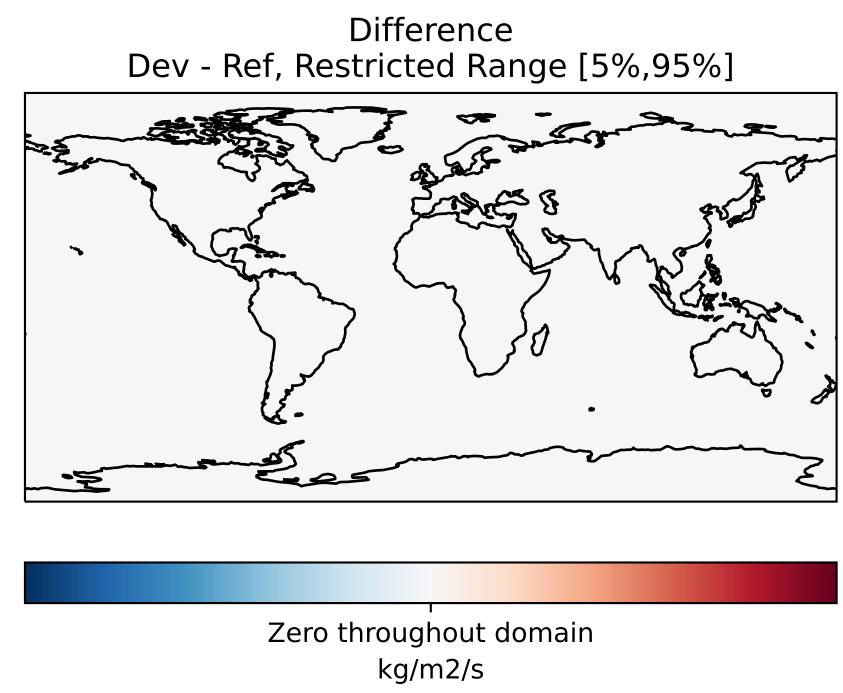
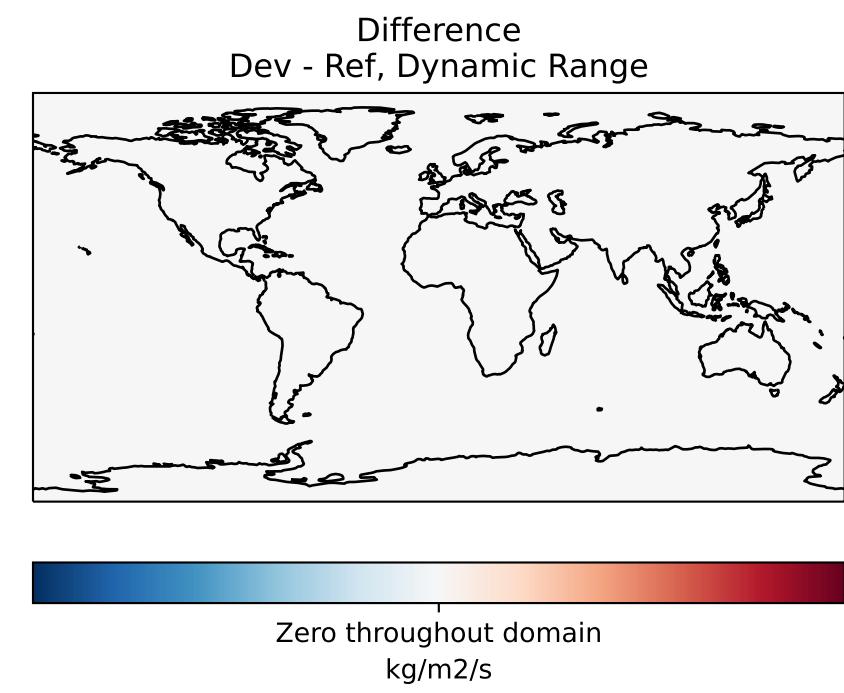
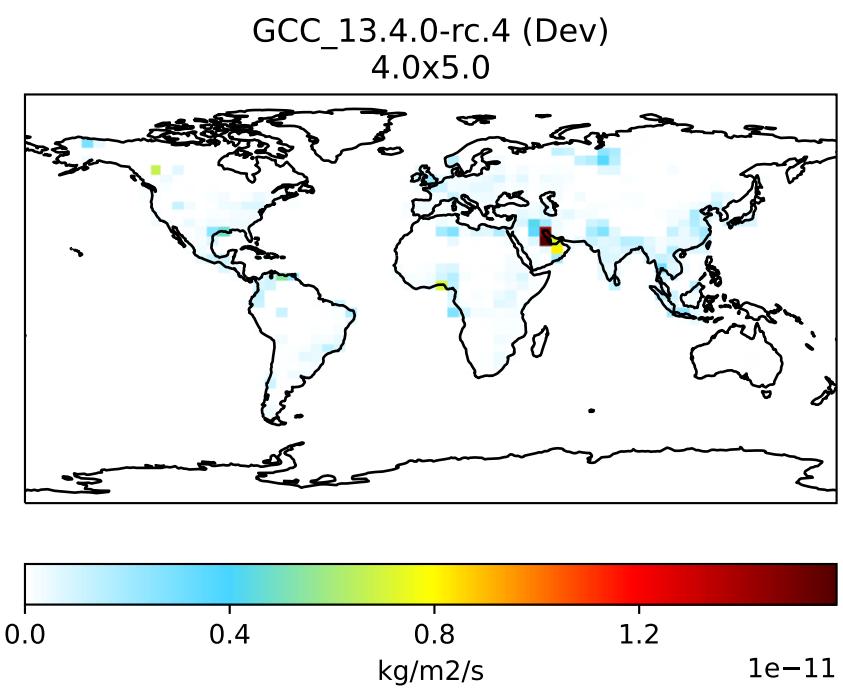
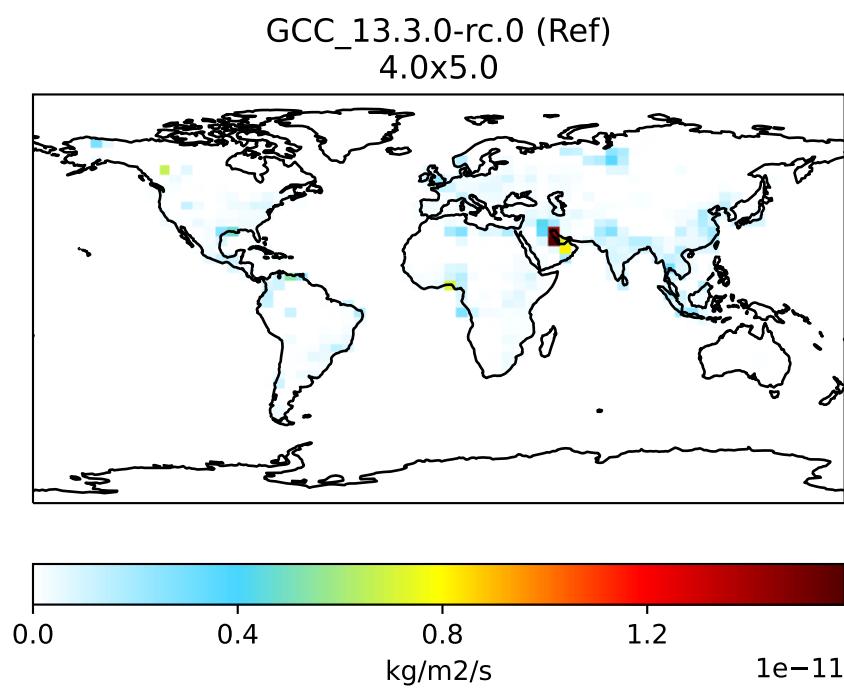
EmisALD2_Total (Apr2019)



EmisCH2O_Aircraft (Apr2019)

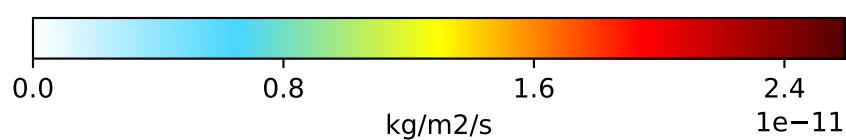
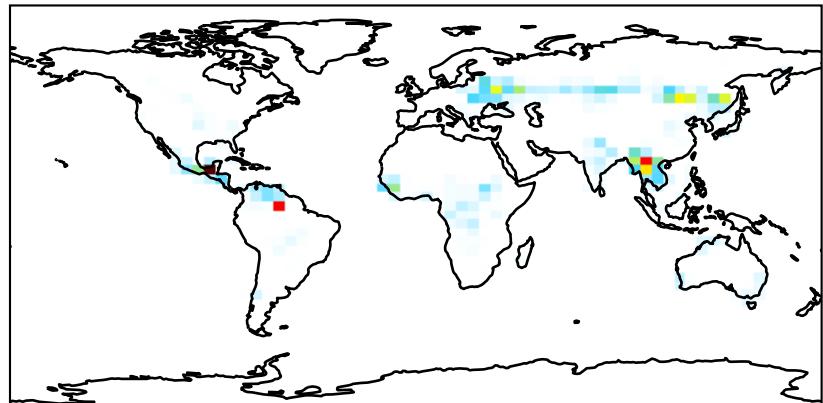


EmisCH2O_Anthro (Apr2019)

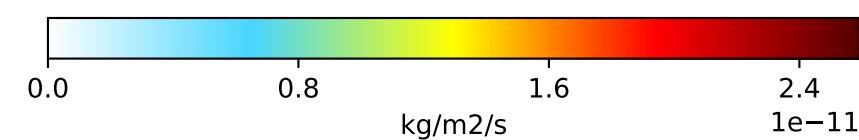
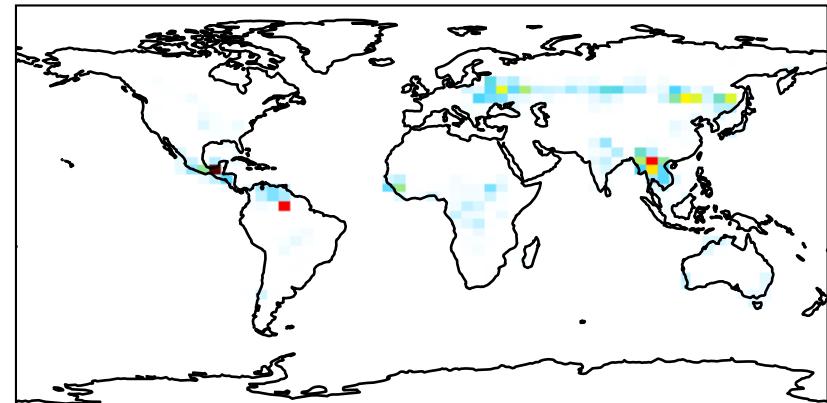


EmisCH2O_BioBurn (Apr2019)

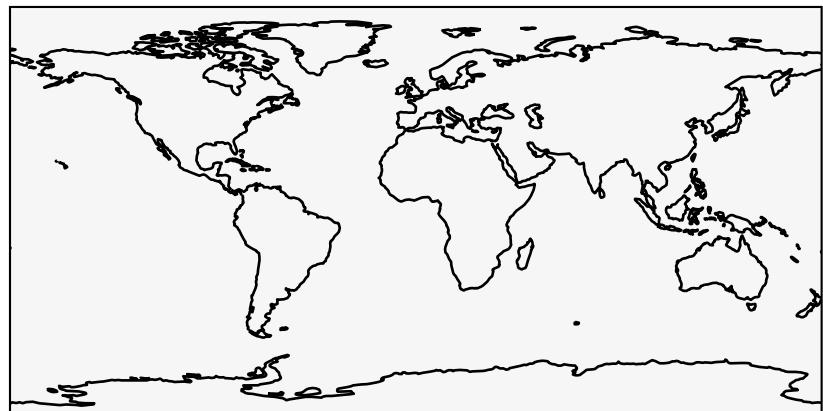
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.4.0-rc.4 (Dev)
4.0x5.0

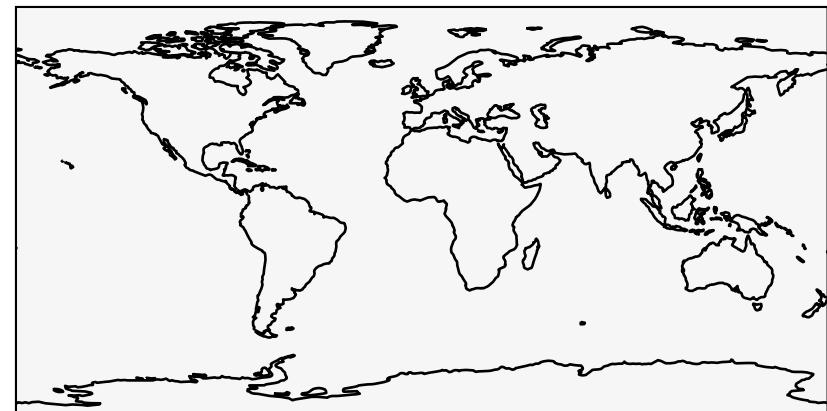


Difference
Dev - Ref, Dynamic Range



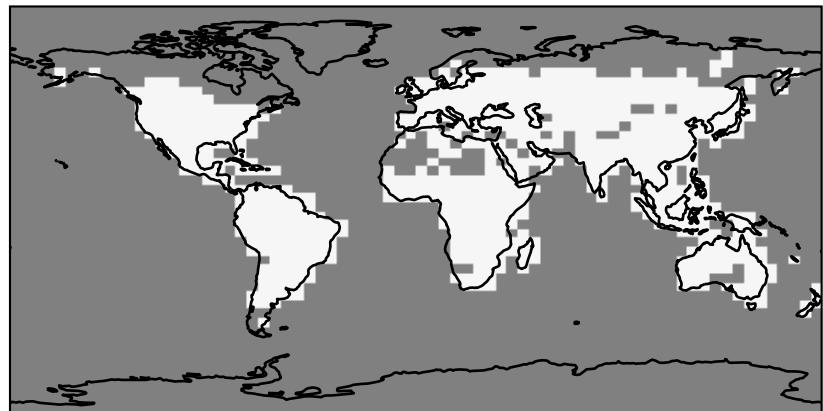
Zero throughout domain
kg/m²/s

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



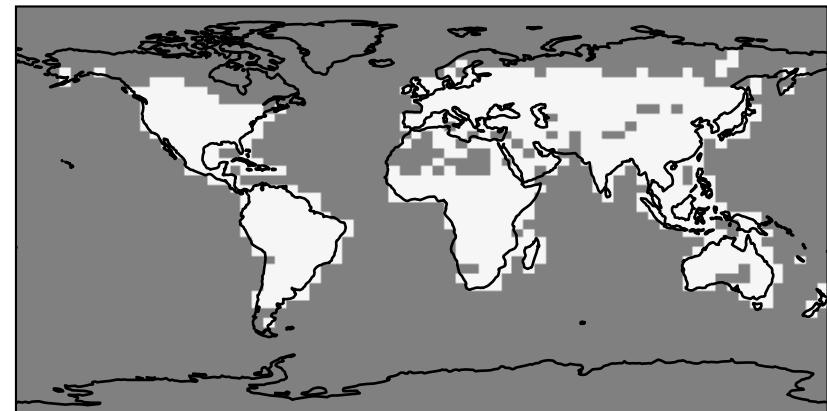
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

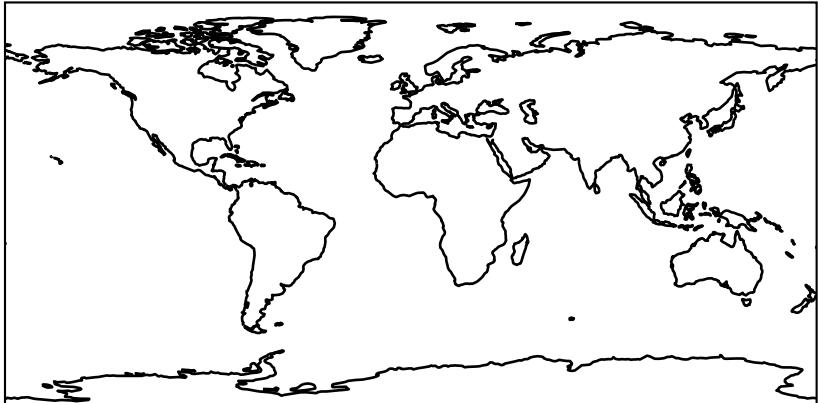
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

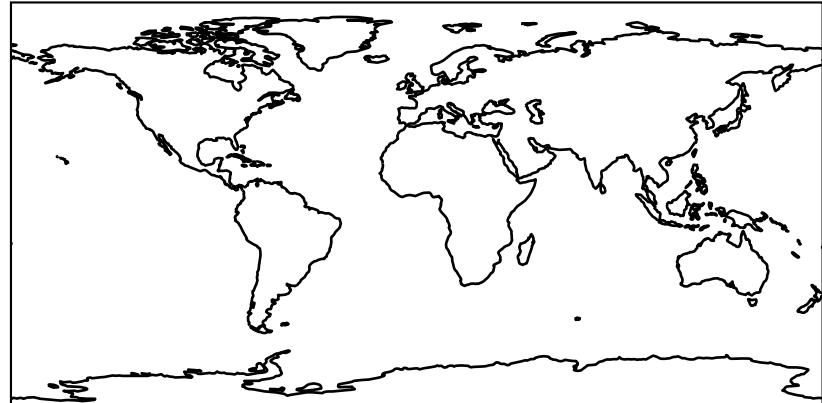
EmisCH2O_Ship (Apr2019)

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



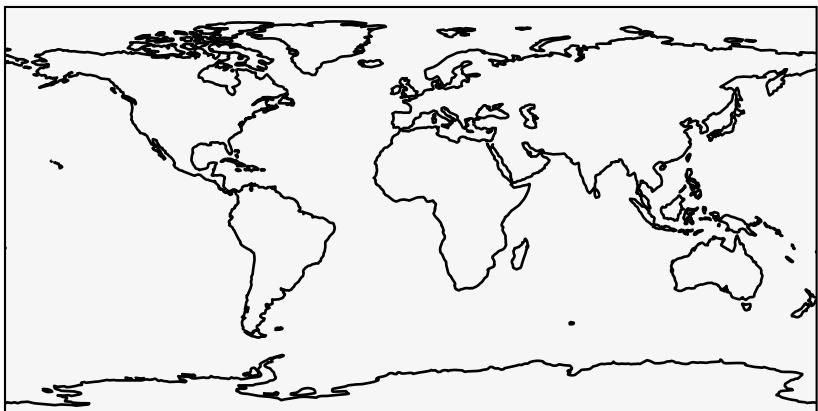
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



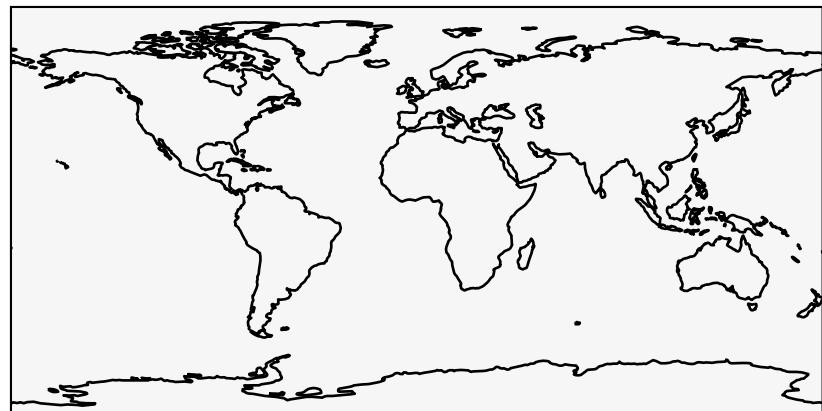
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



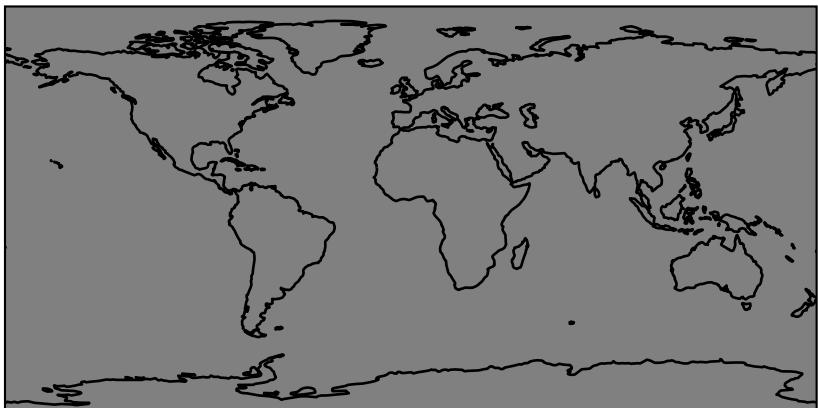
Zero throughout domain
kg/m²/s

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



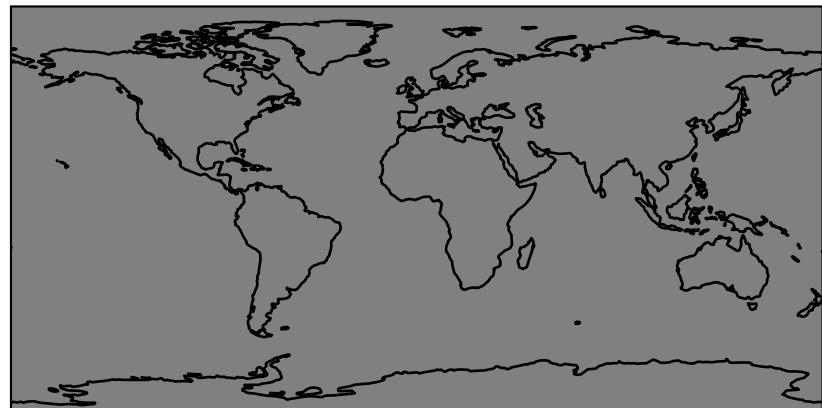
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



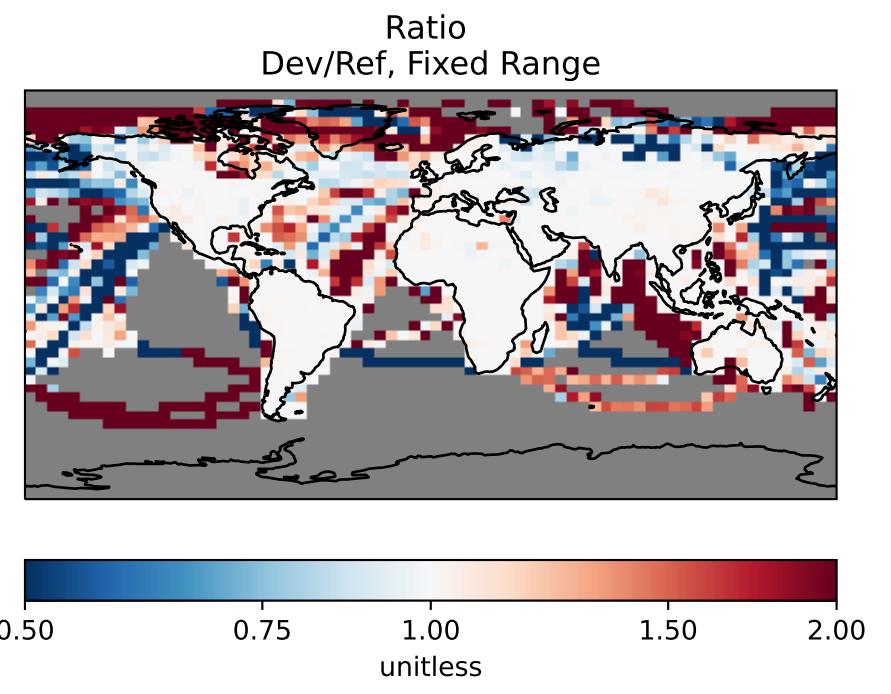
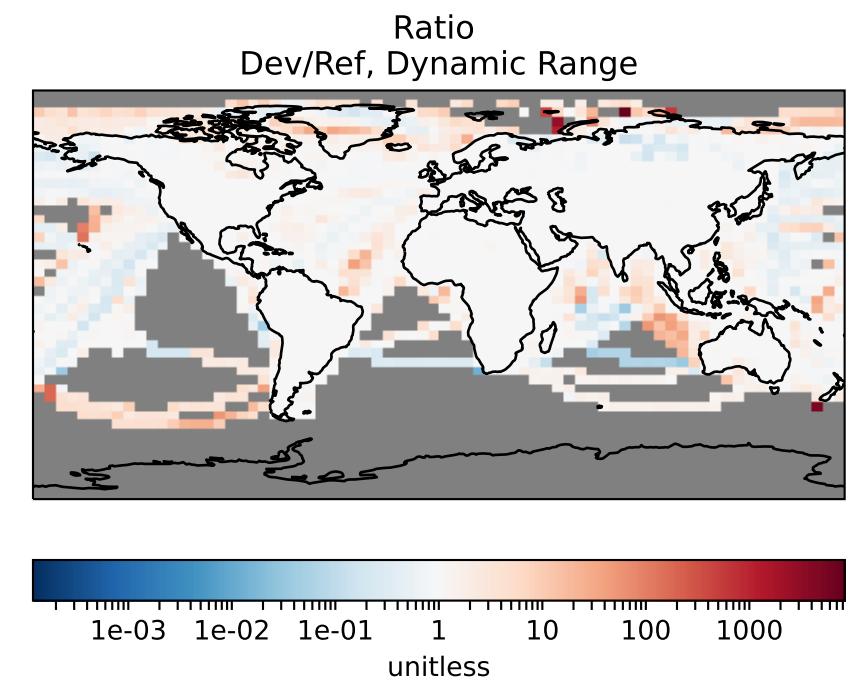
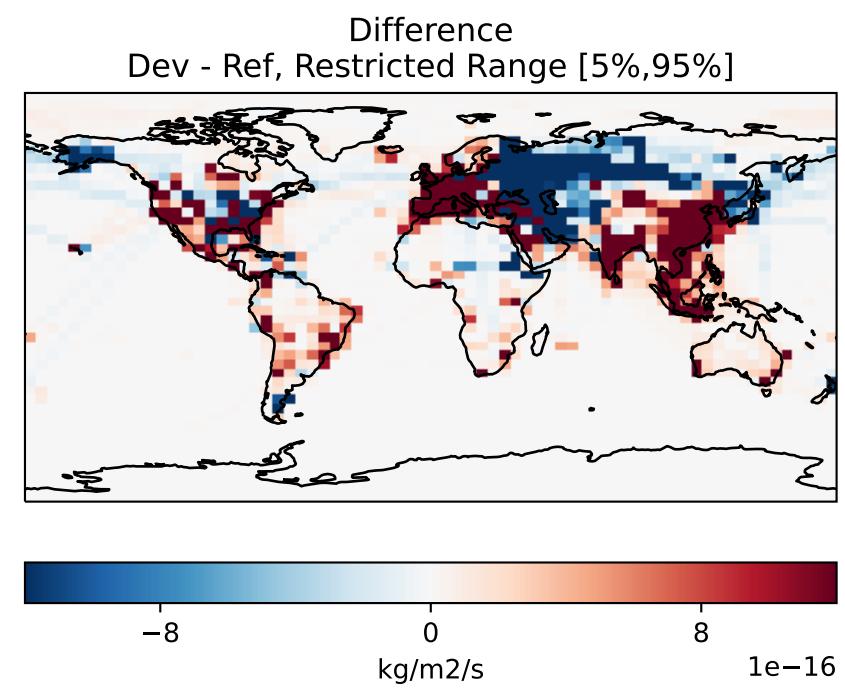
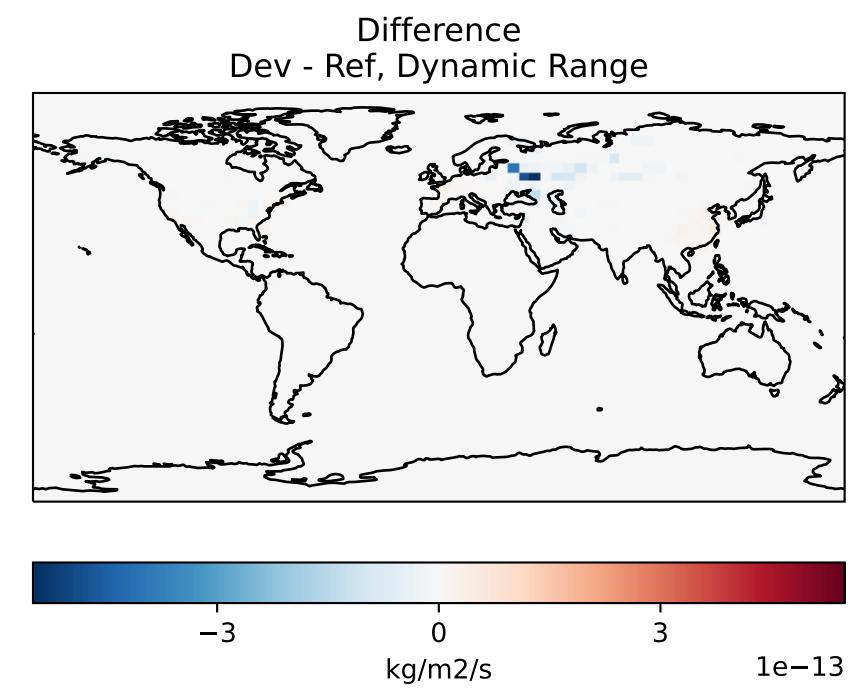
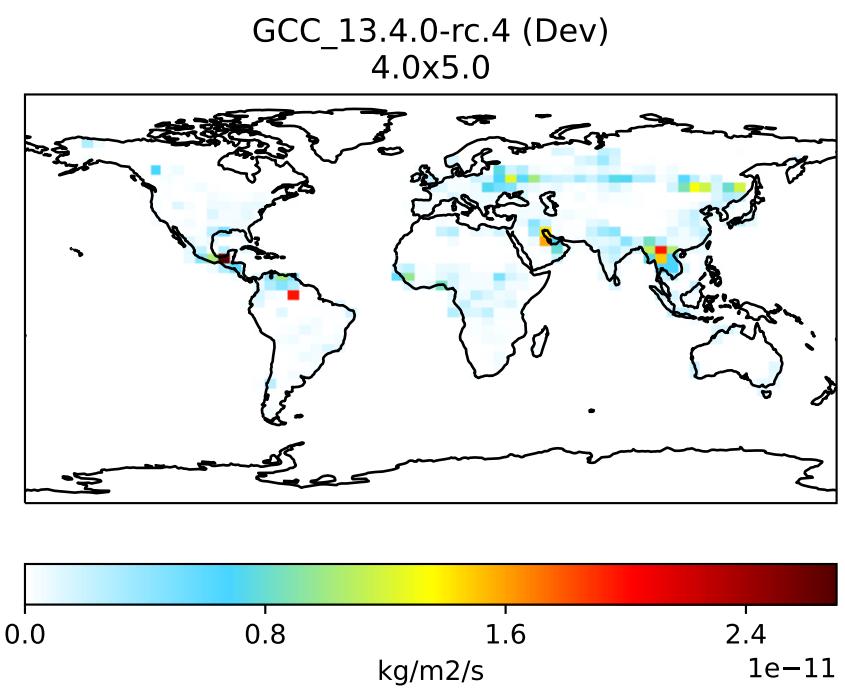
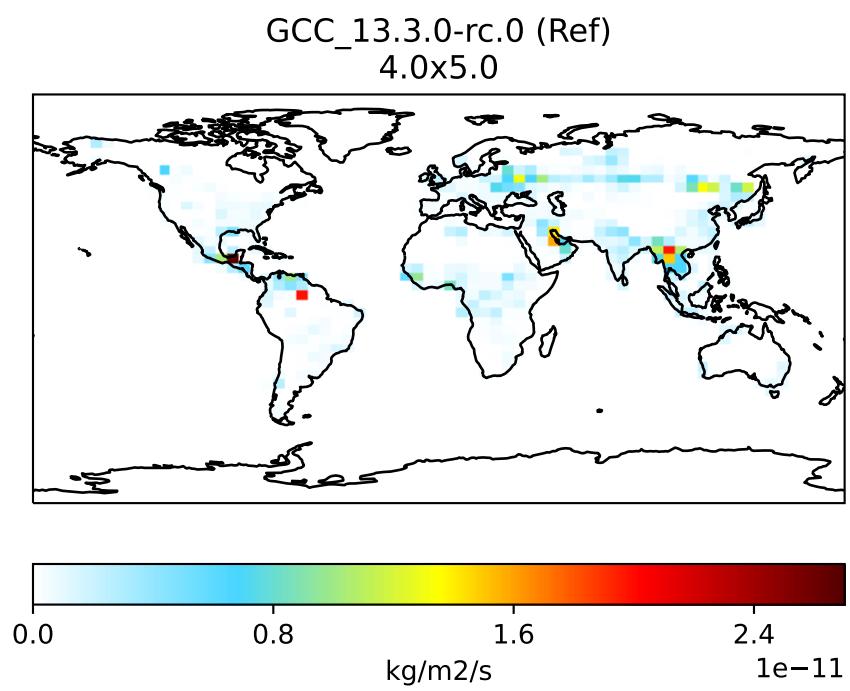
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Ratio
Dev/Ref, Fixed Range

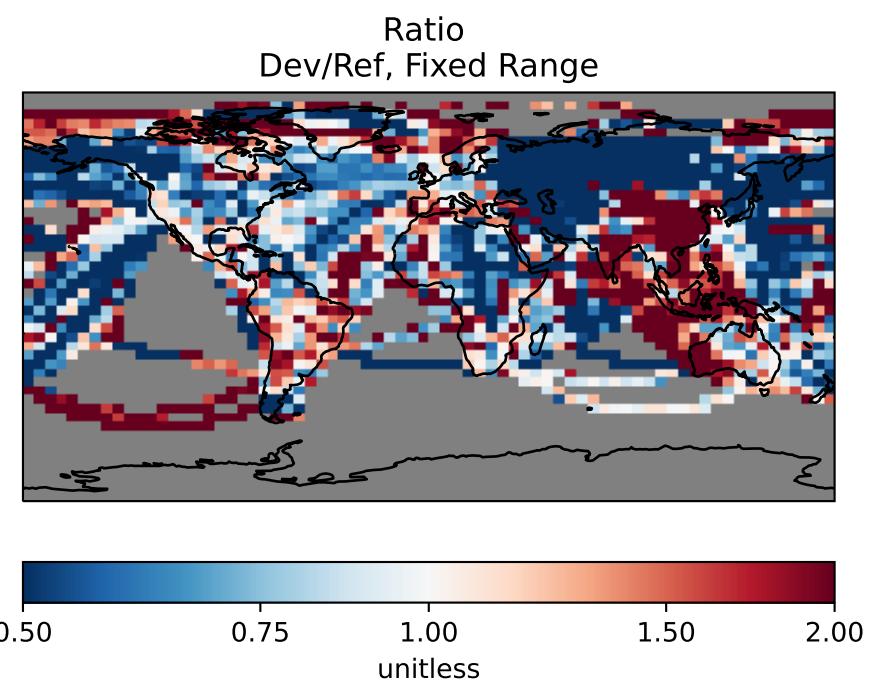
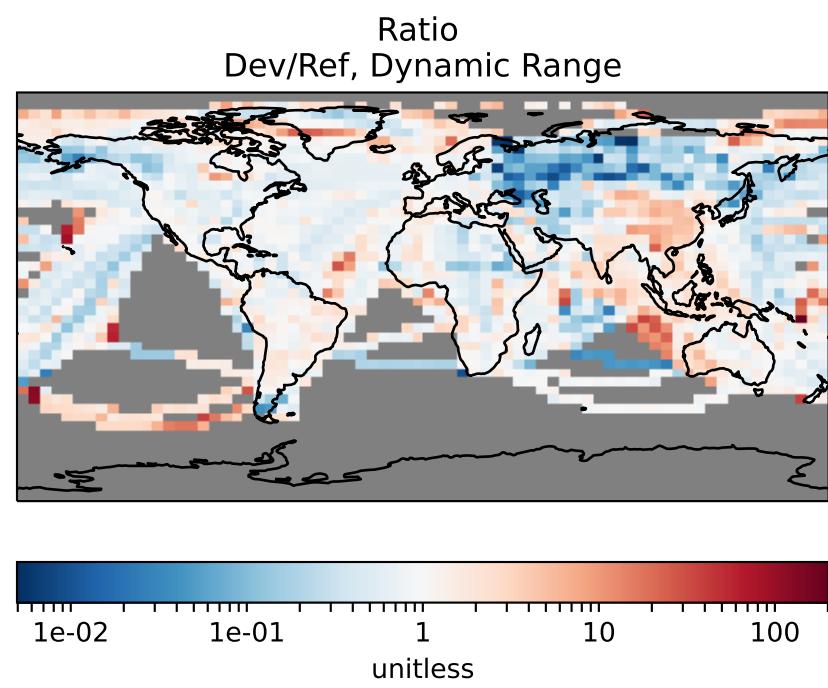
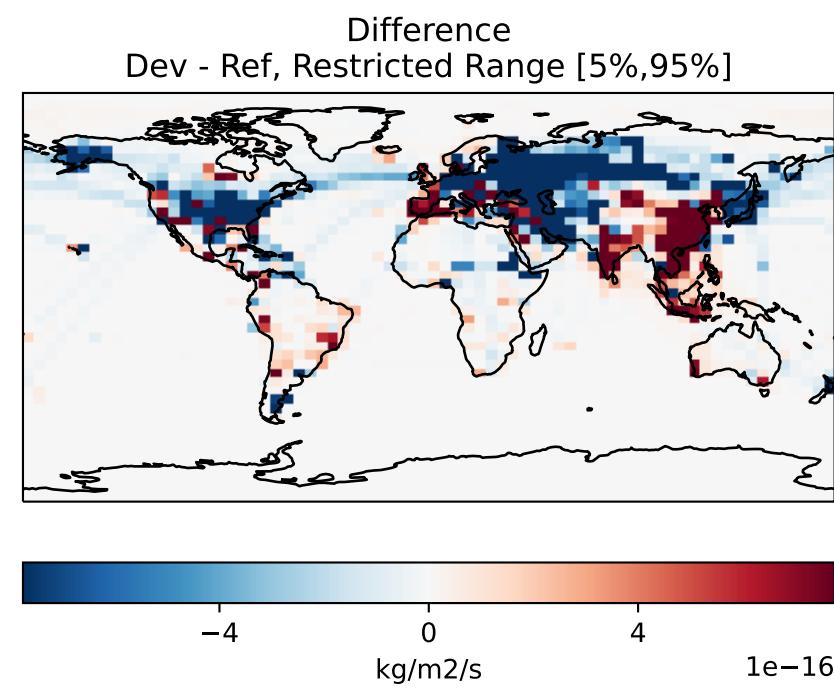
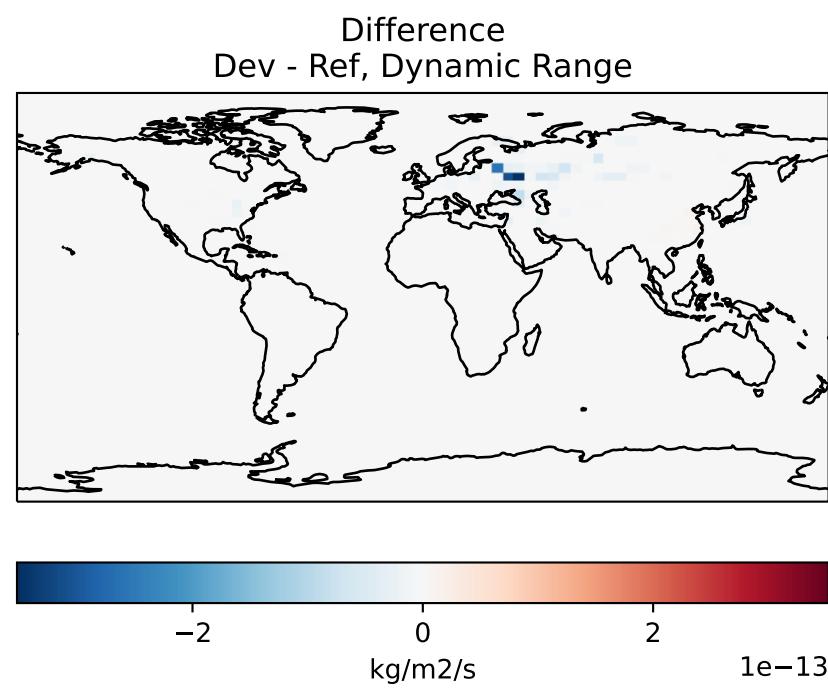
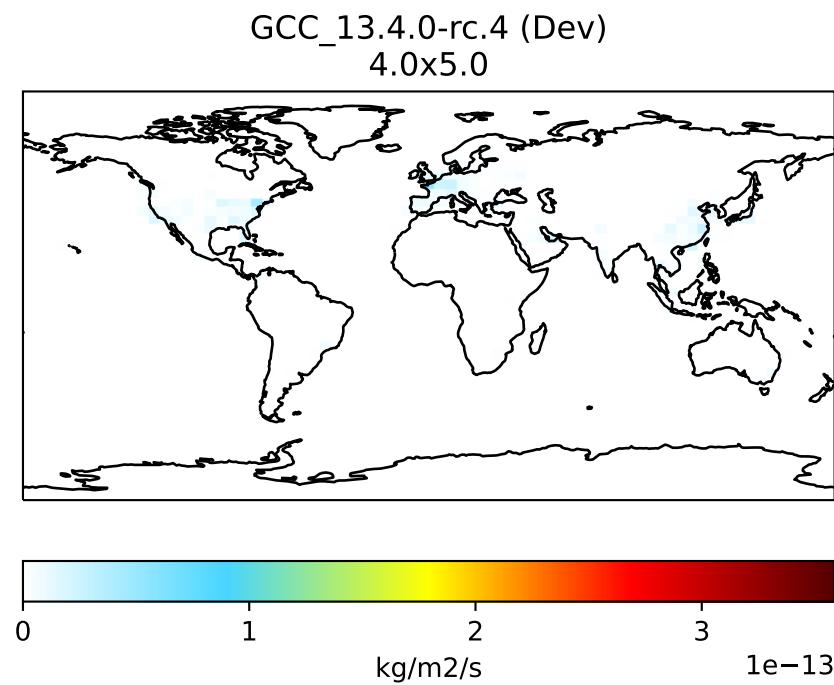
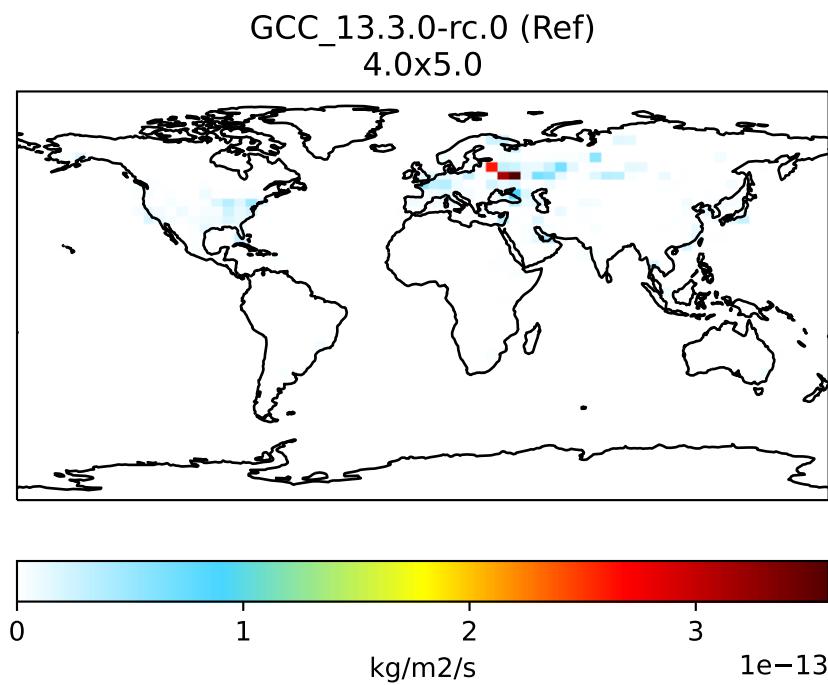


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EmisCH2O_Total (Apr2019)

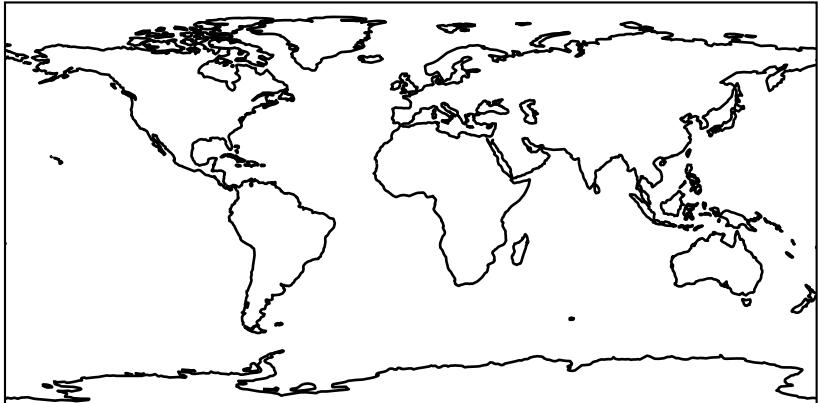


EmisMACR_Aircraft (Apr2019)



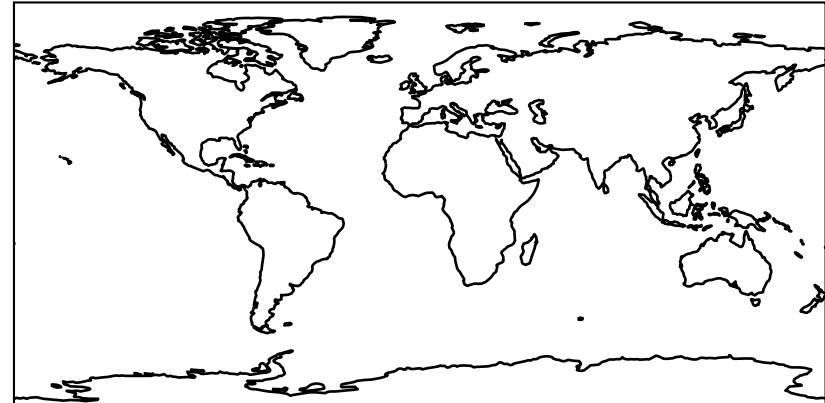
EmisMACR_Anthro (Apr2019)

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



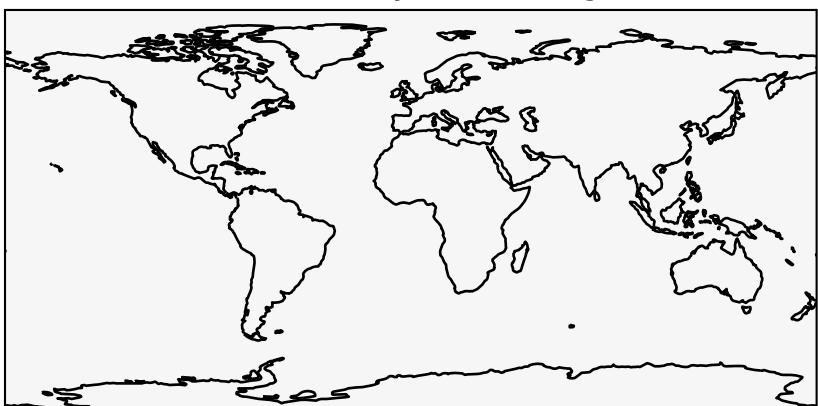
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



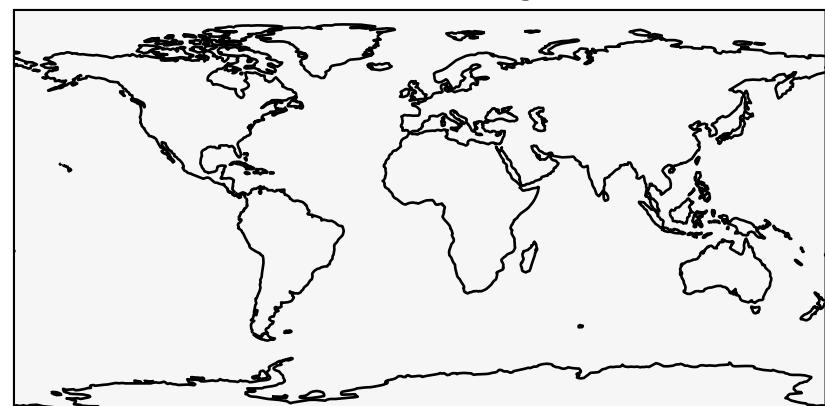
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



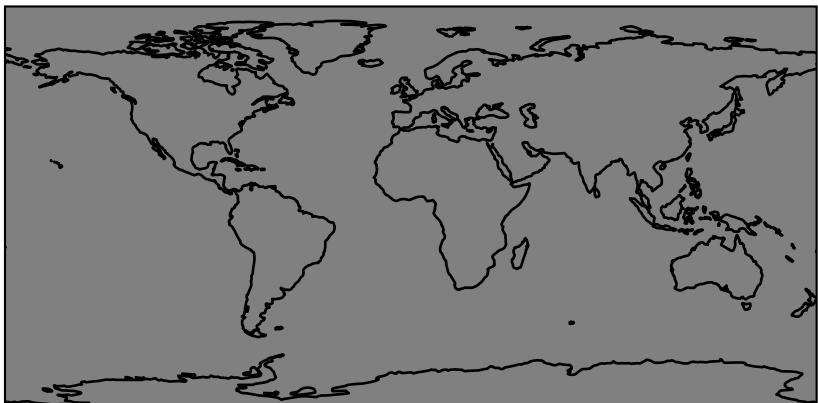
Zero throughout domain
kg/m²/s

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



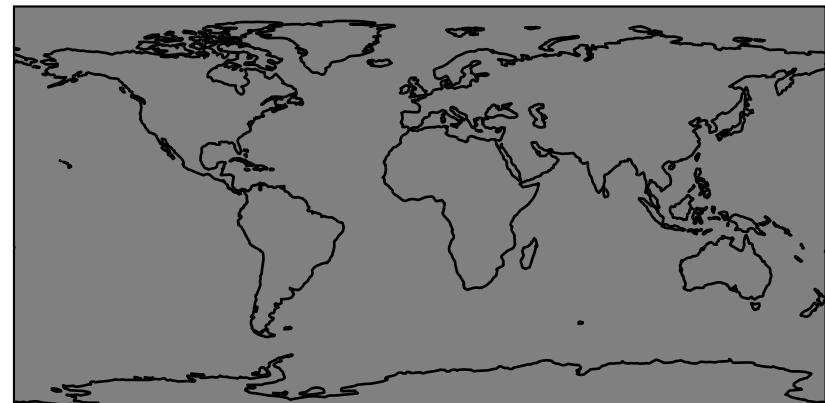
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kg/m²/s

Ratio
Dev/Ref, Dynamic Range



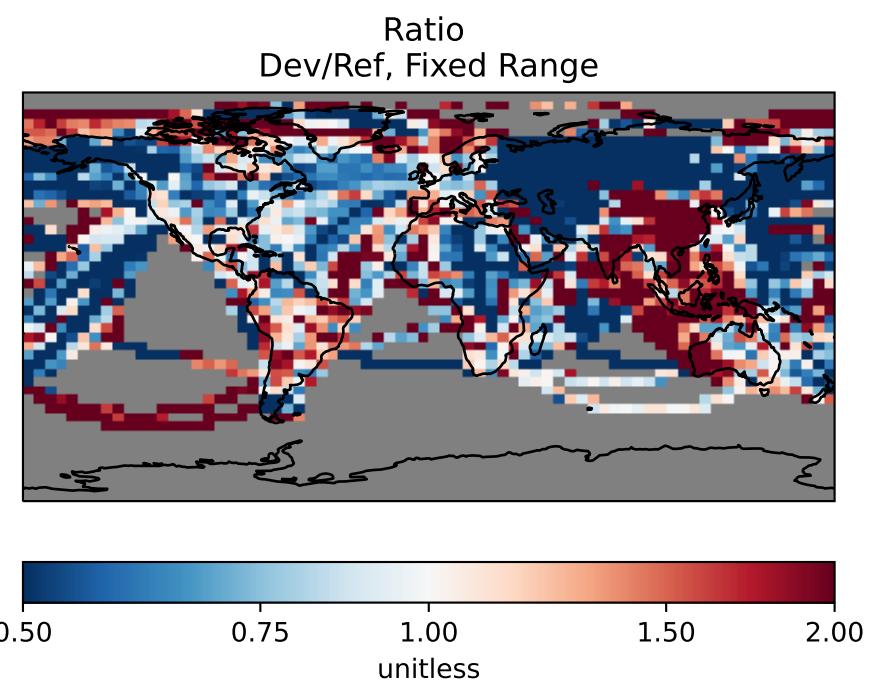
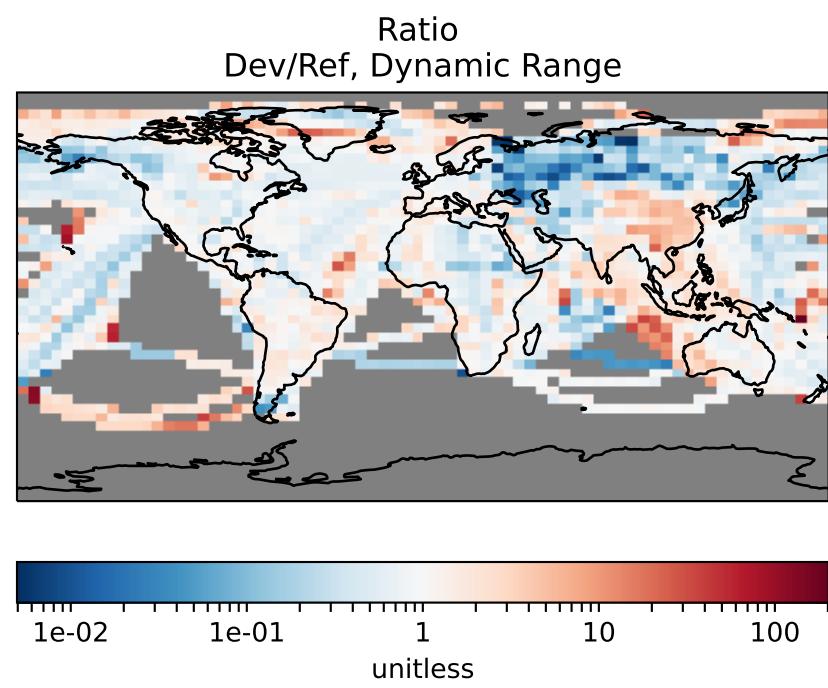
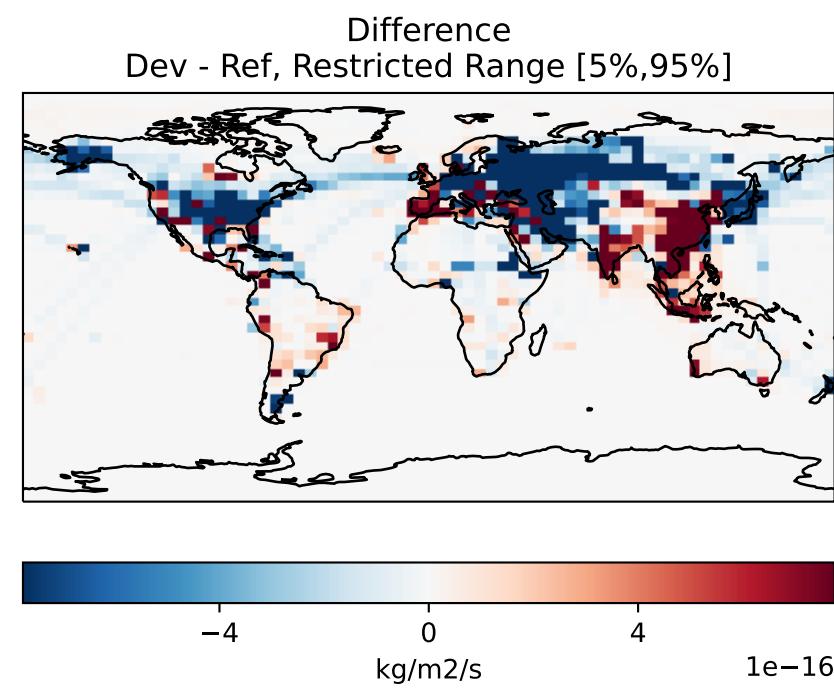
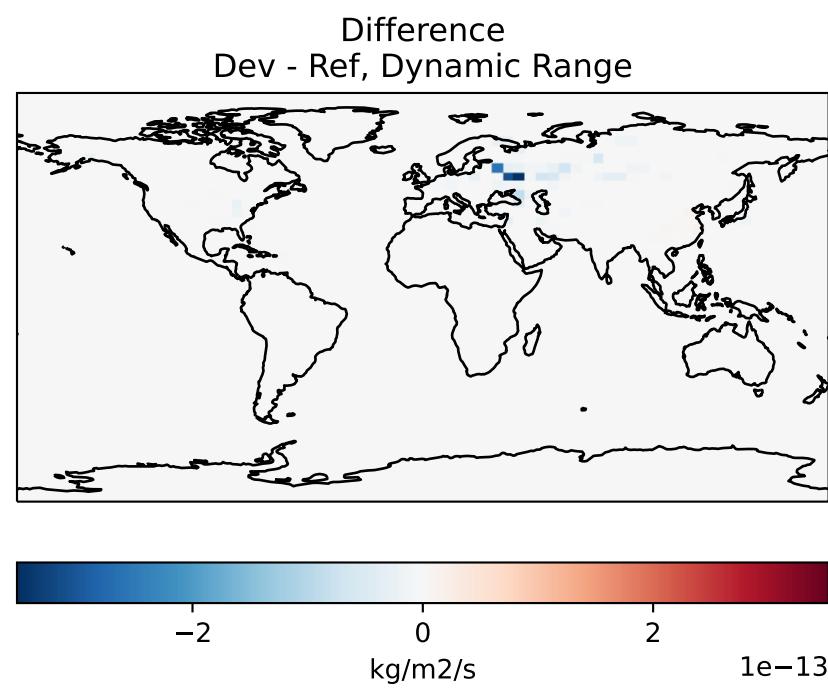
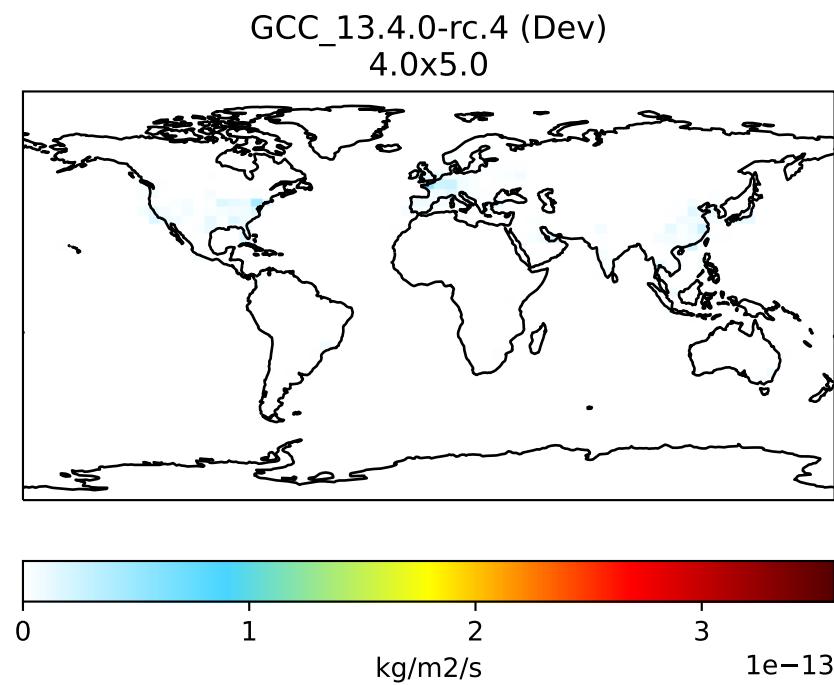
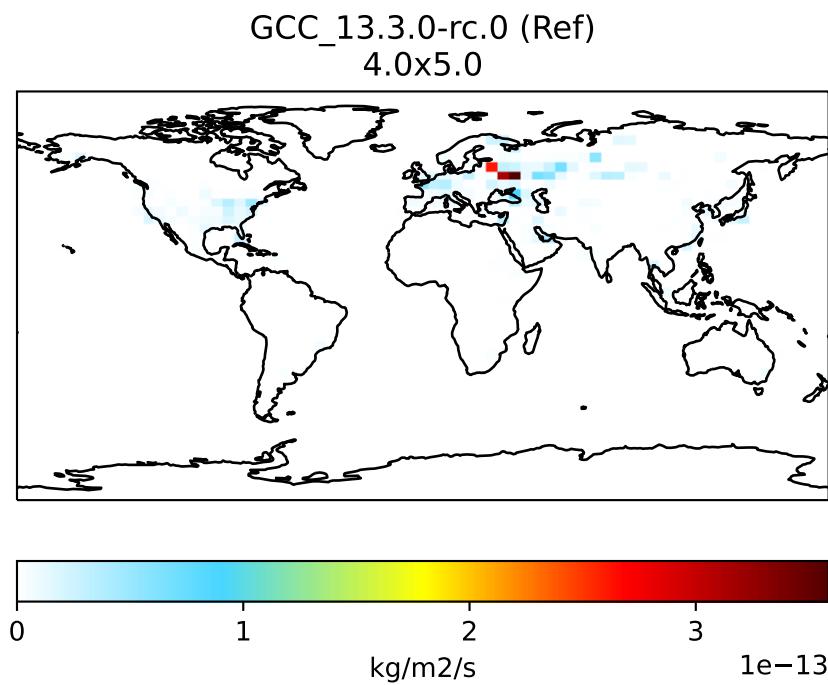
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Ratio
Dev/Ref, Fixed Range



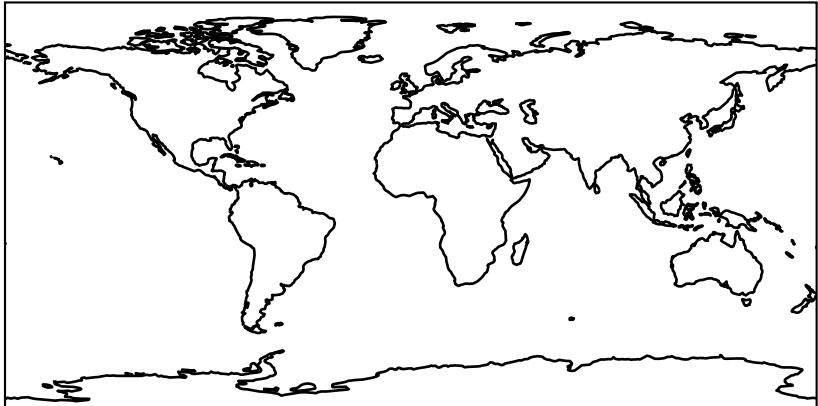
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EmisMACR_Total (Apr2019)



EmisACET_Anthro (Apr2019)

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



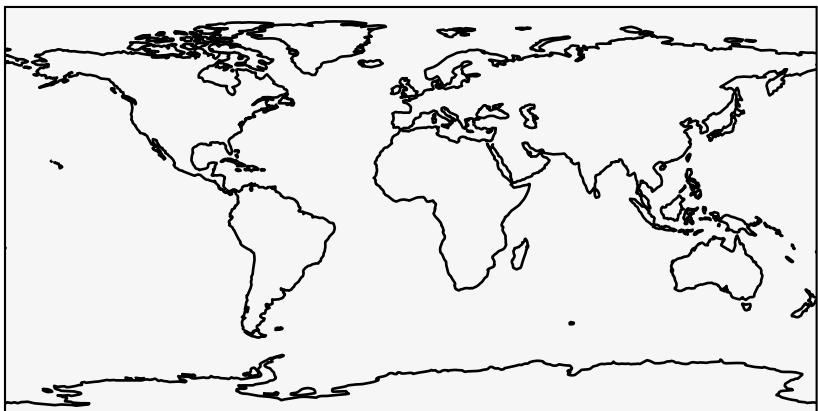
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kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



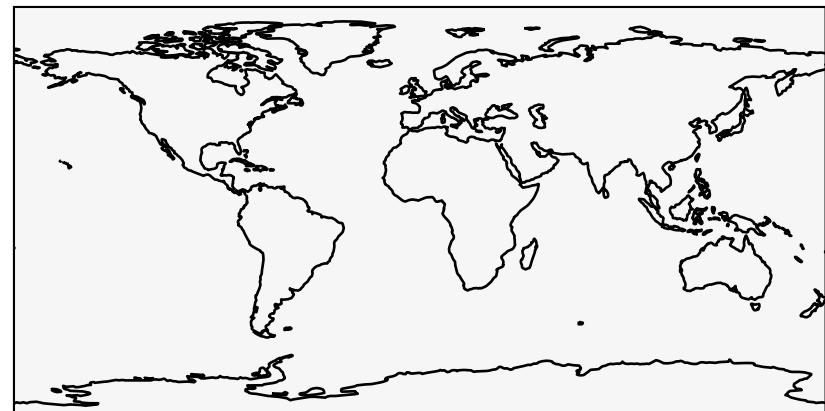
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kg/m²/s

Difference
Dev - Ref, Dynamic Range



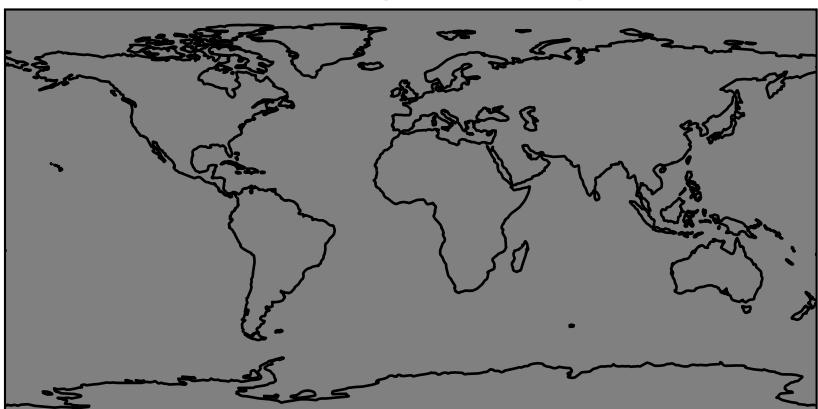
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kg/m²/s

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



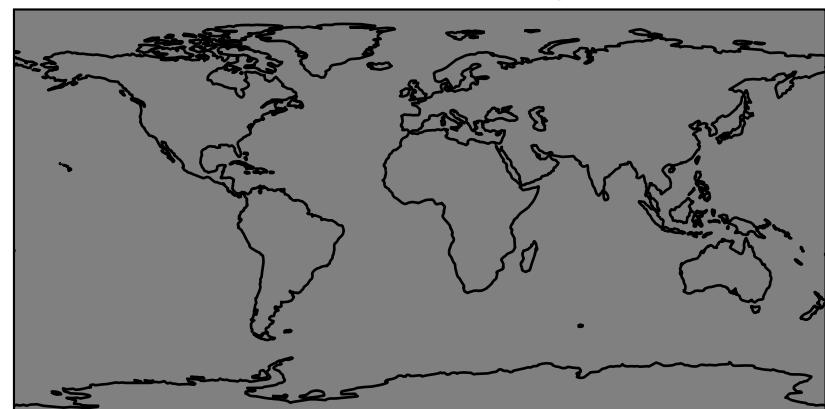
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



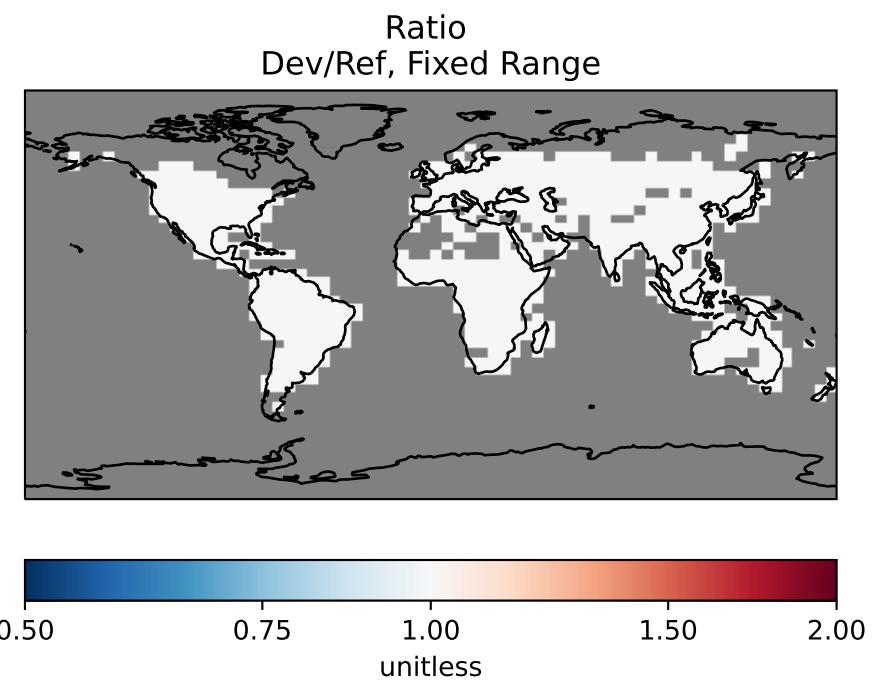
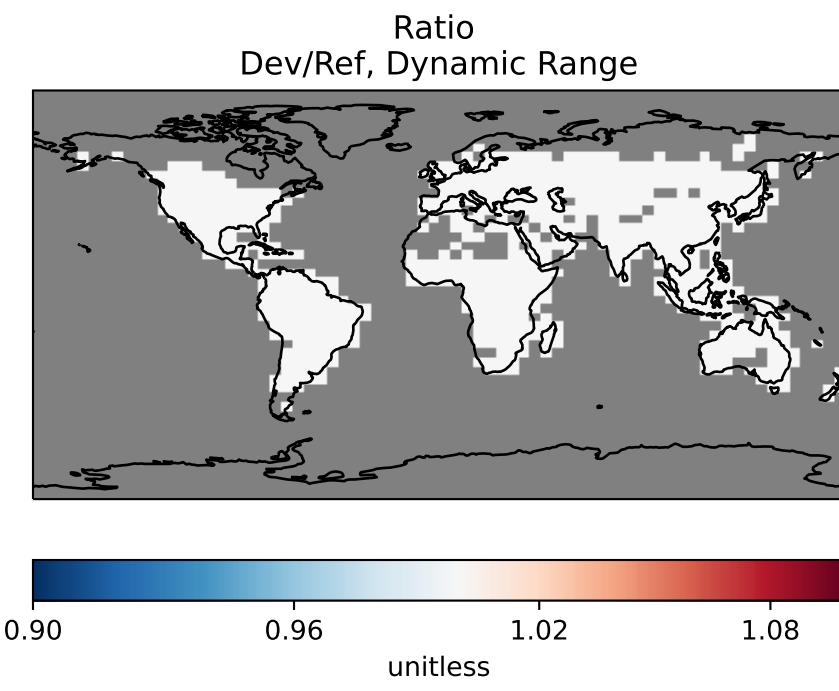
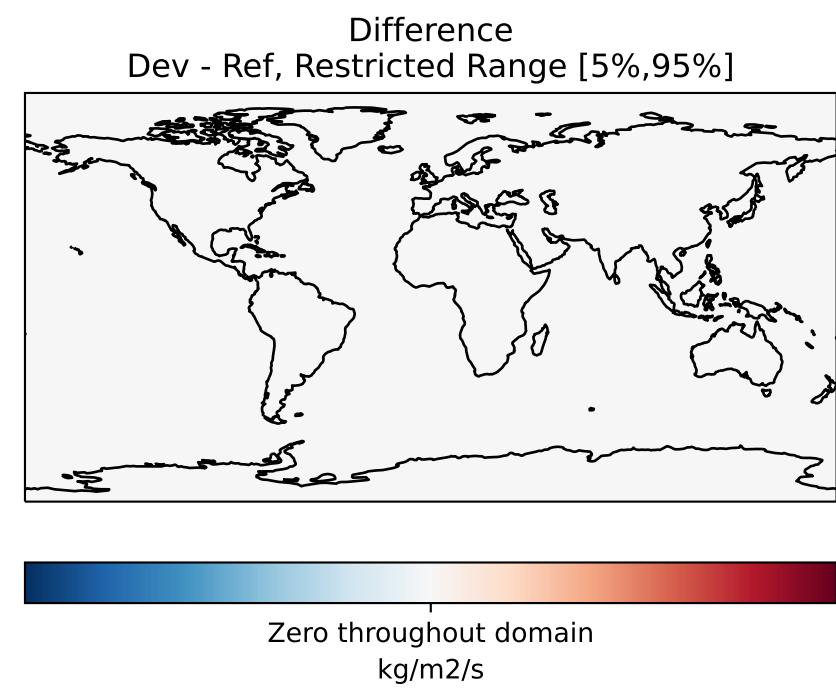
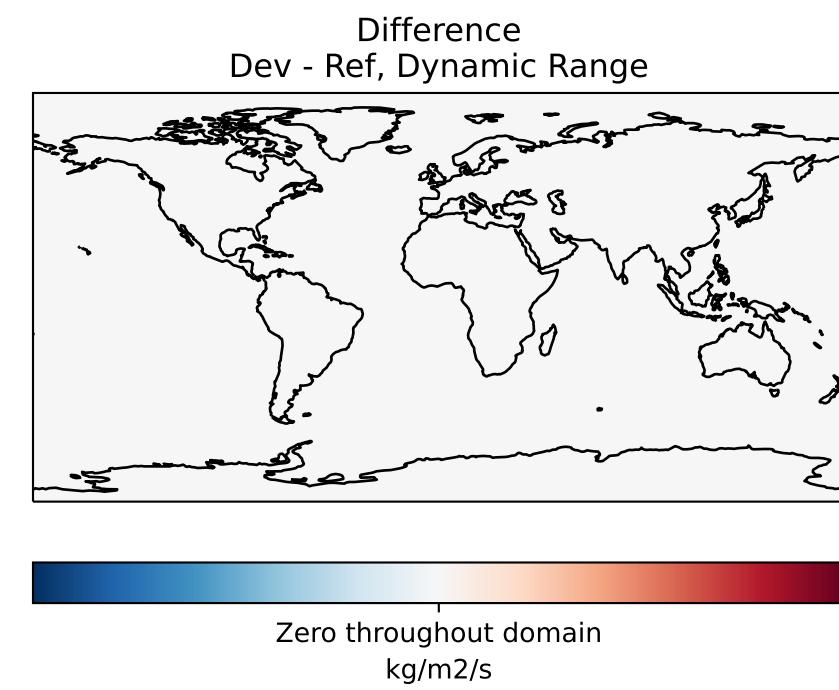
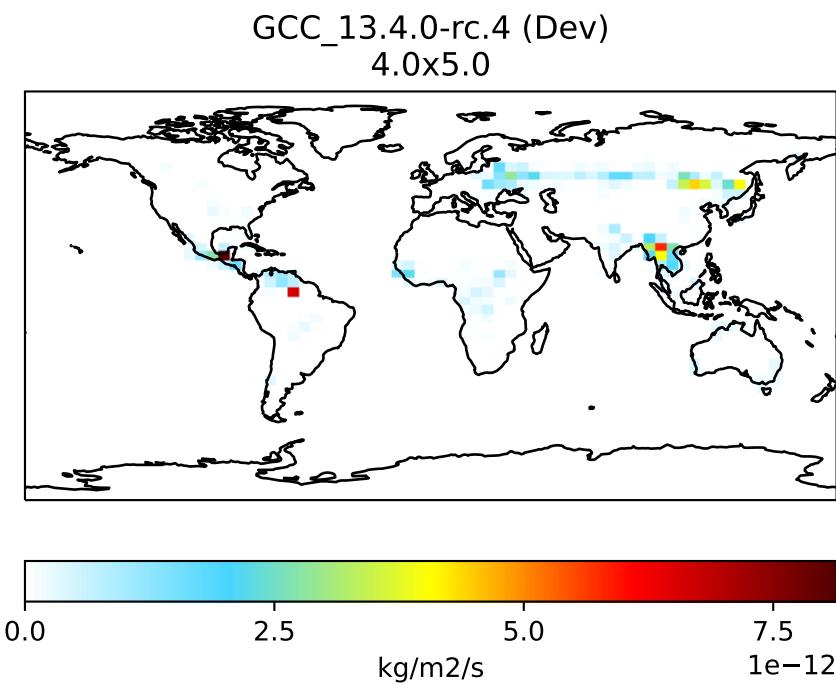
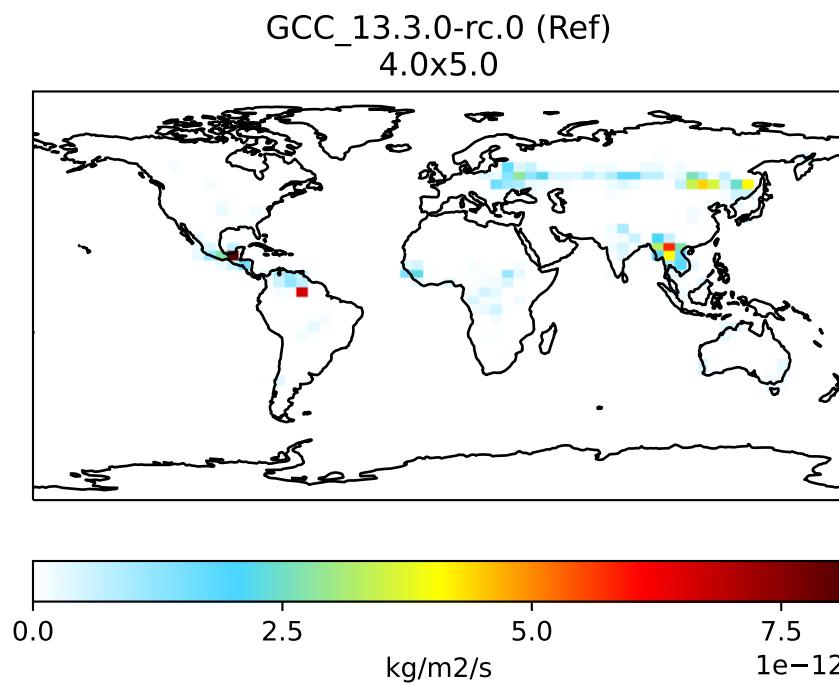
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Ratio
Dev/Ref, Fixed Range

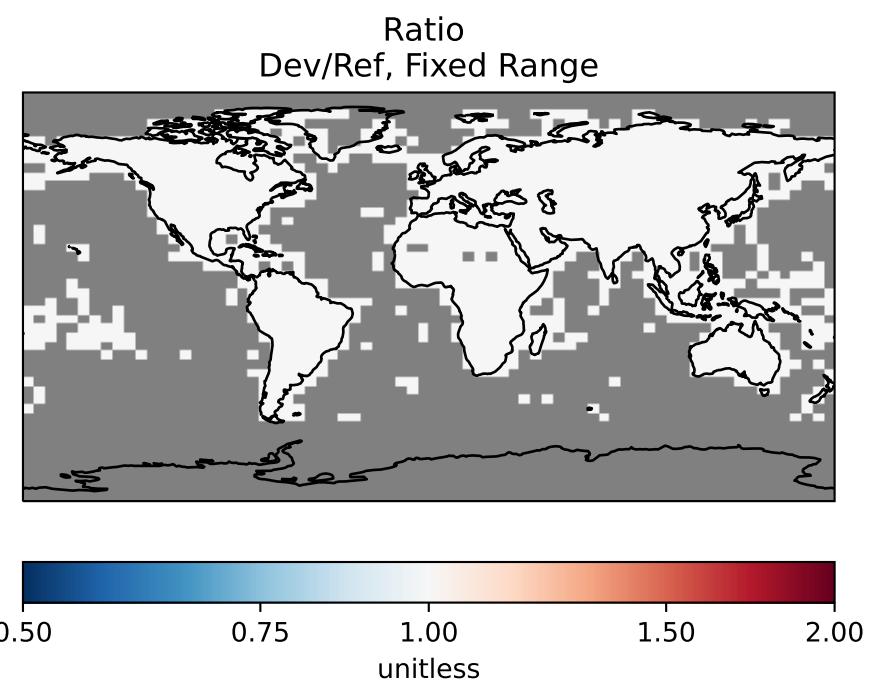
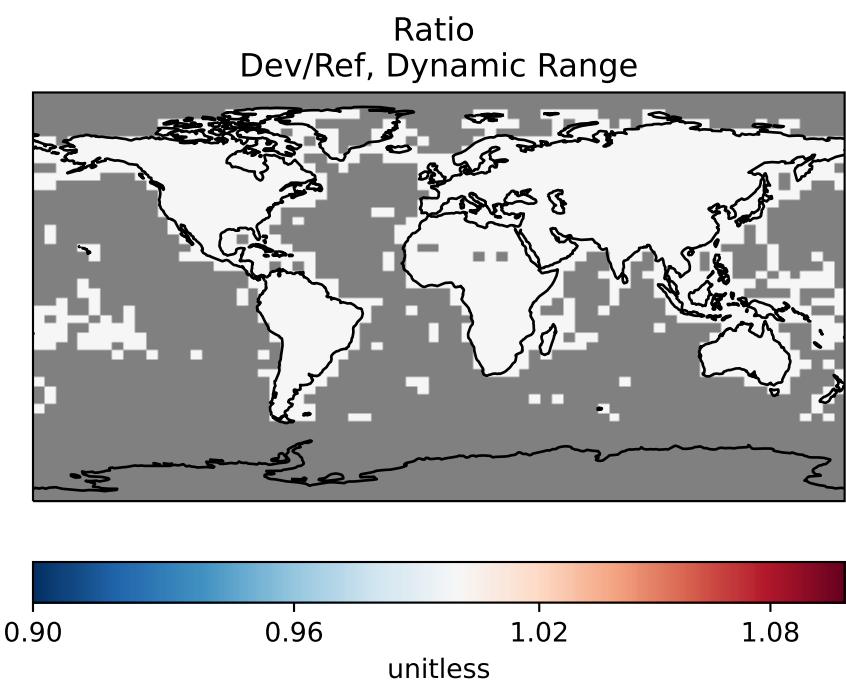
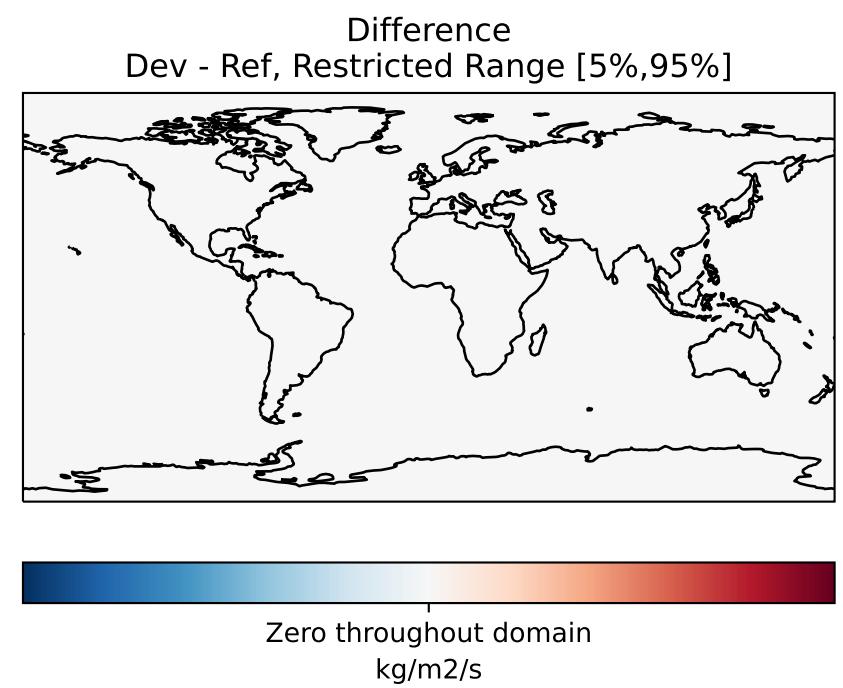
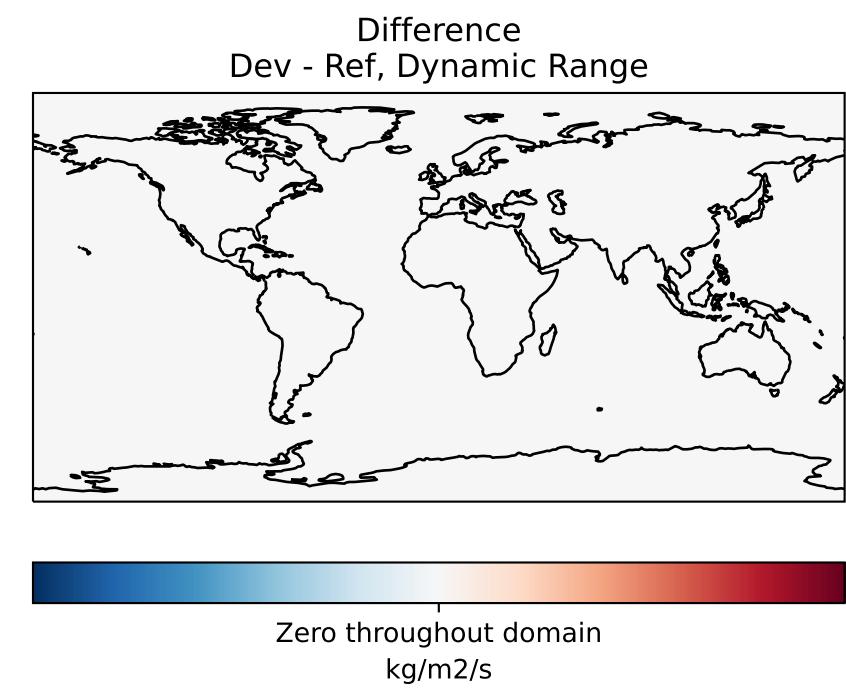
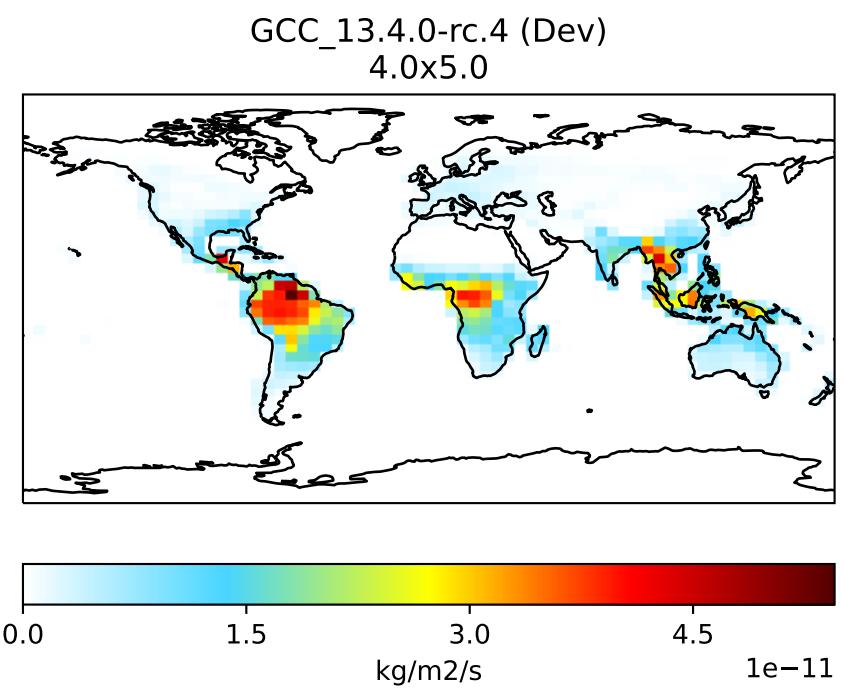
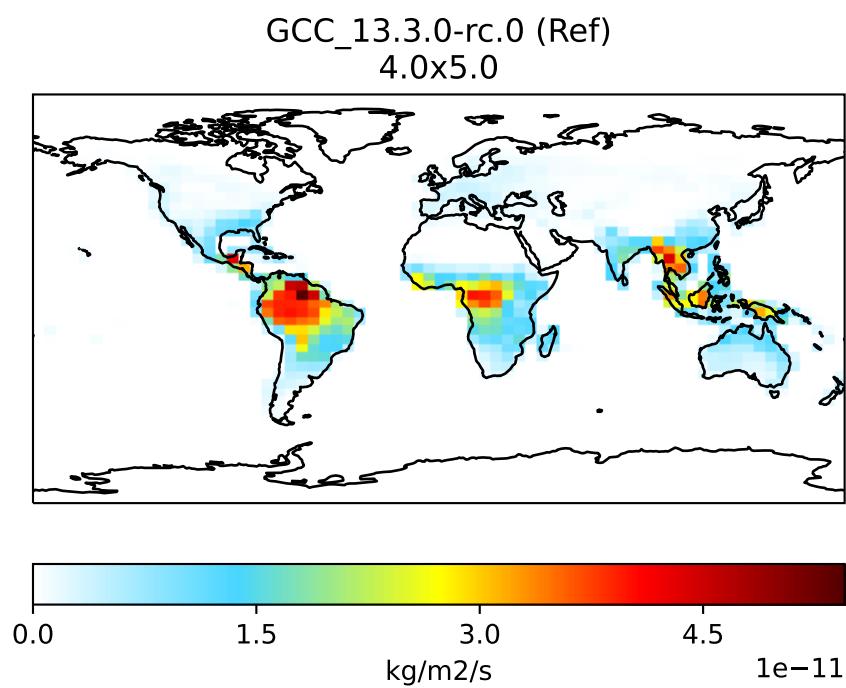


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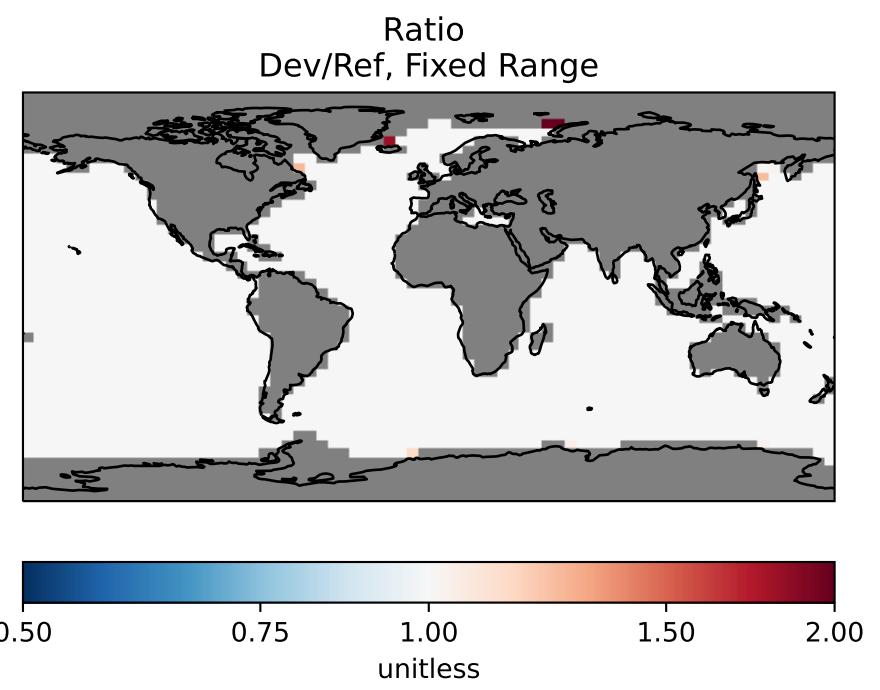
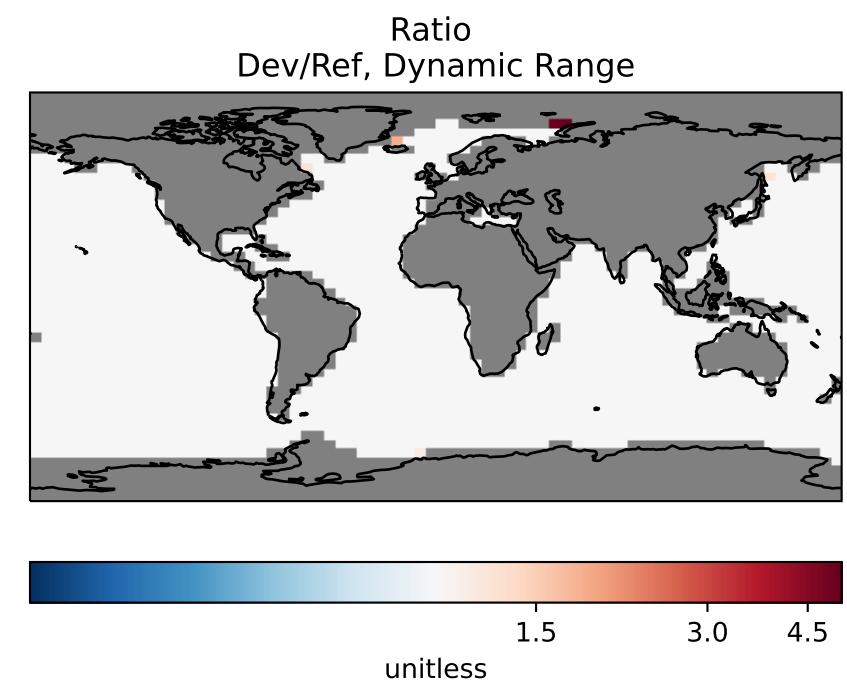
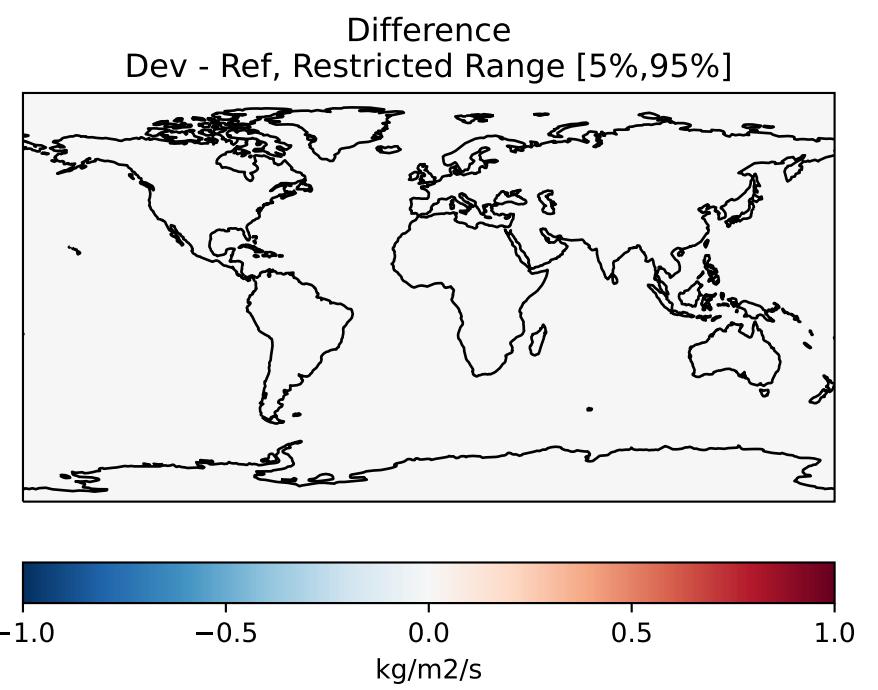
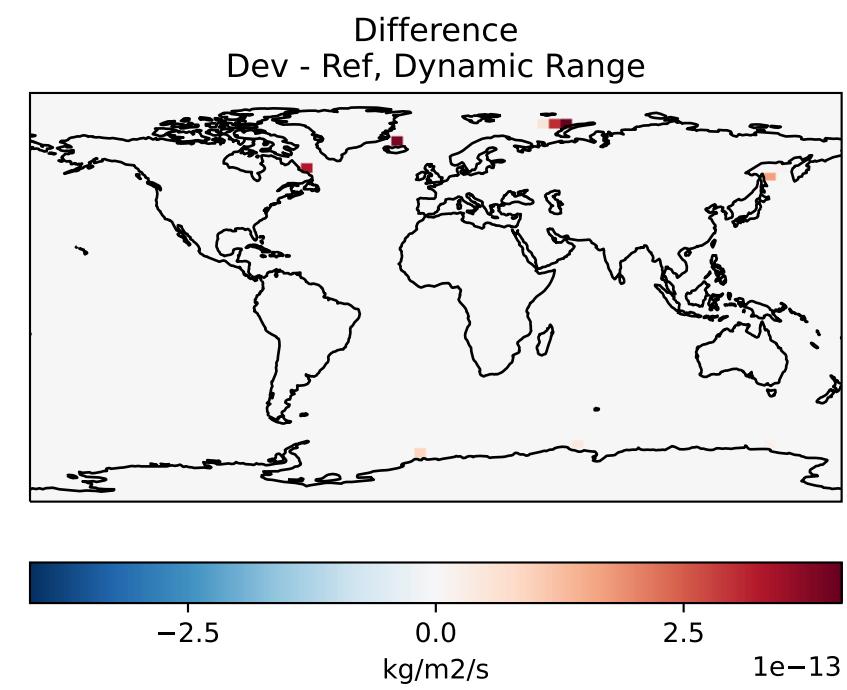
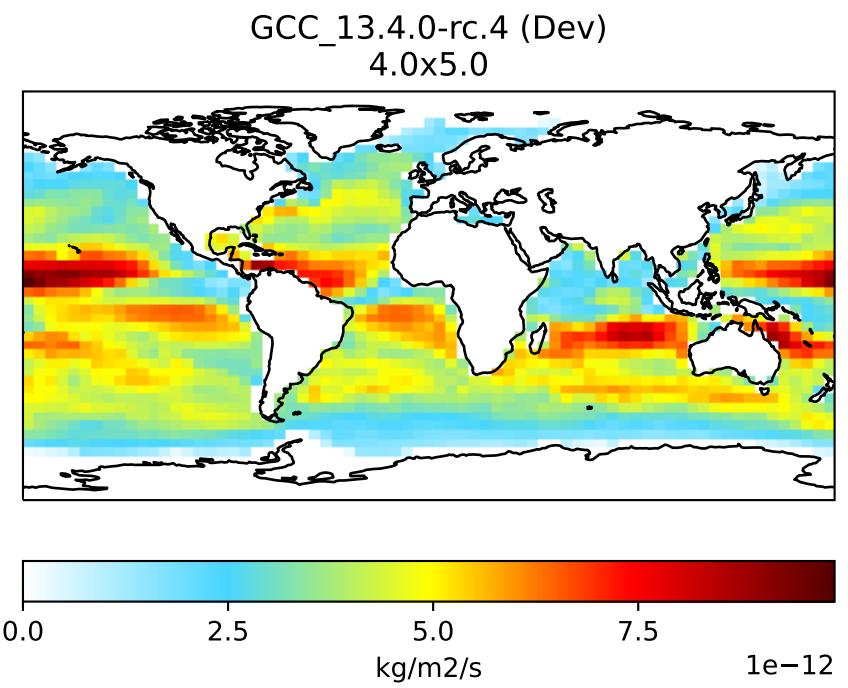
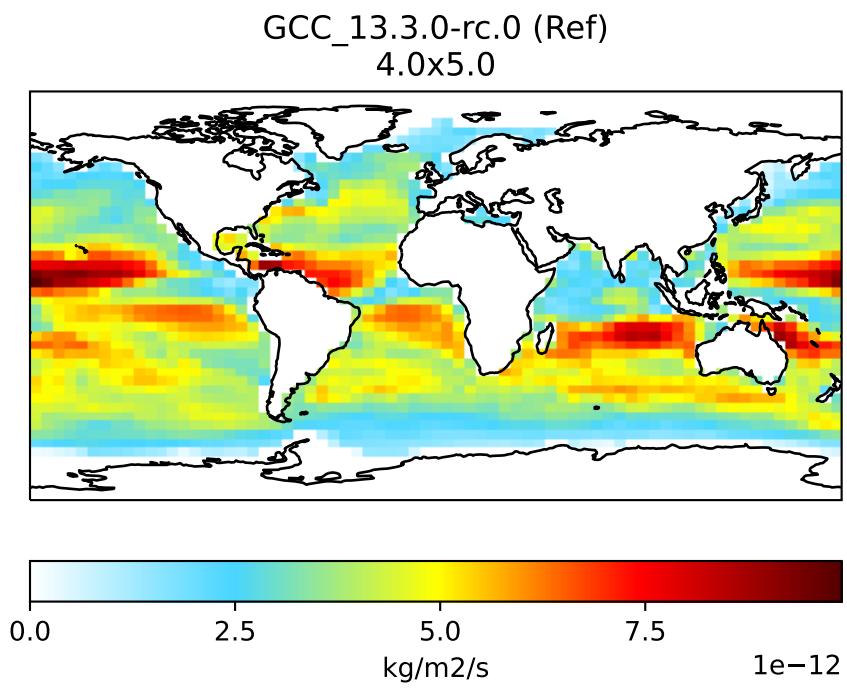
EmisACET_BioBurn (Apr2019)



EmisACET_Biogenic (Apr2019)

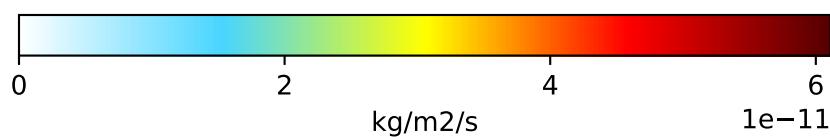
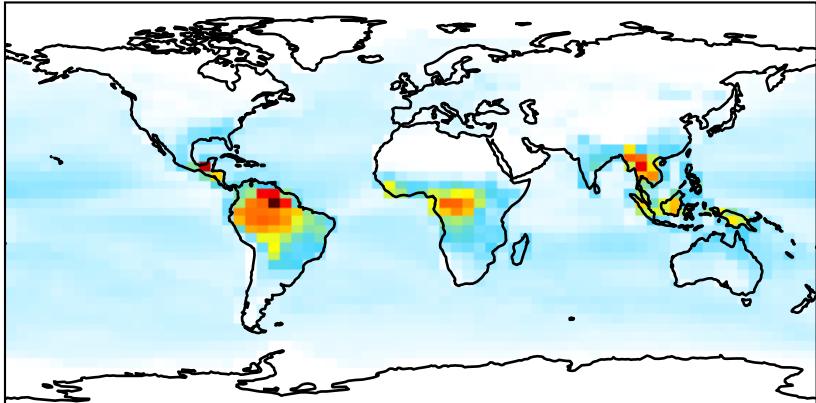


EmisACET_Ocean (Apr2019)

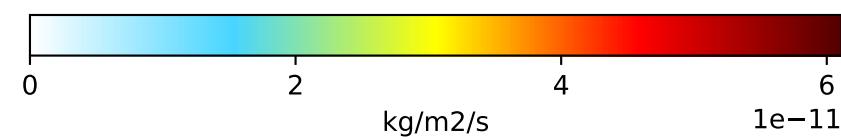
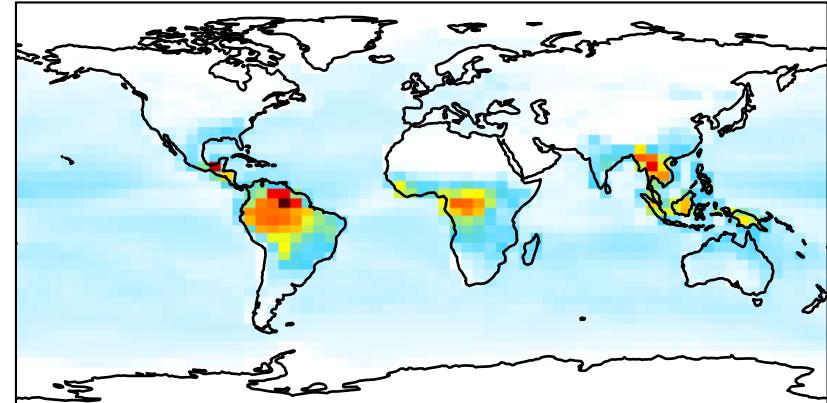


EmisACET_Total (Apr2019)

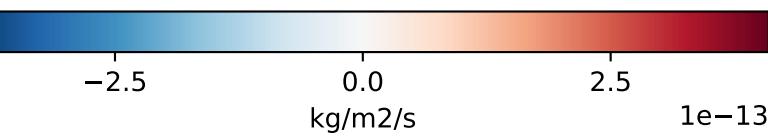
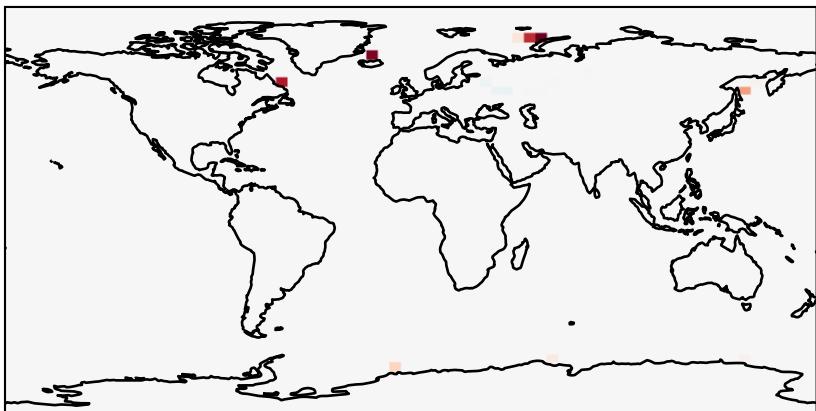
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



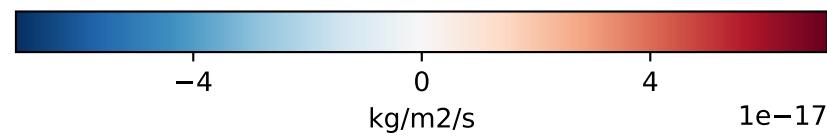
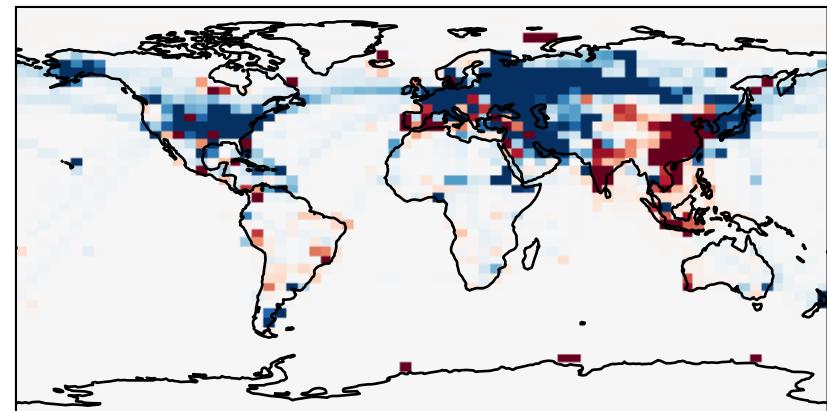
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



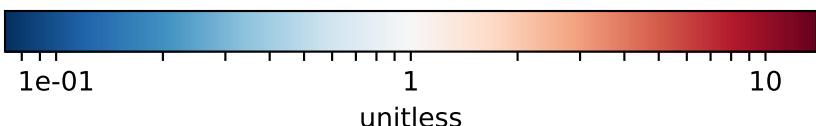
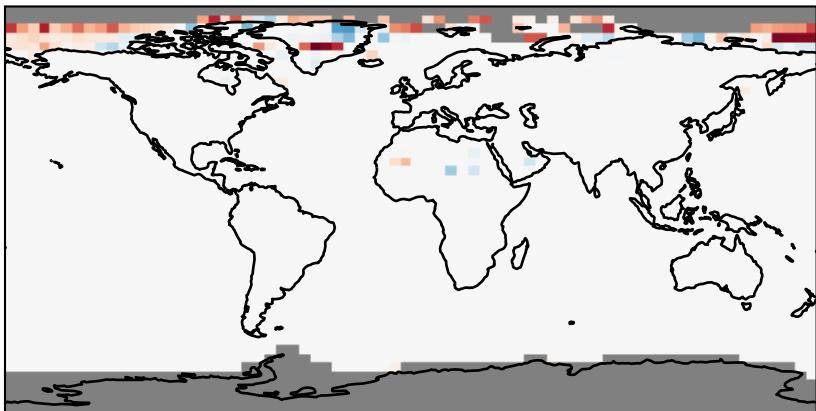
Difference
Dev - Ref, Dynamic Range



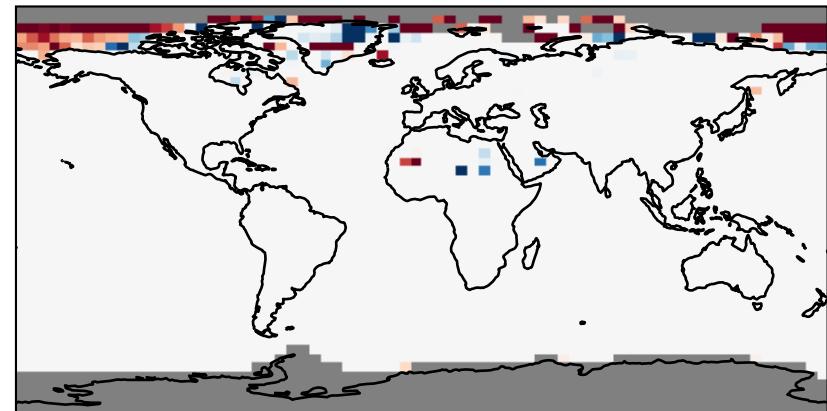
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

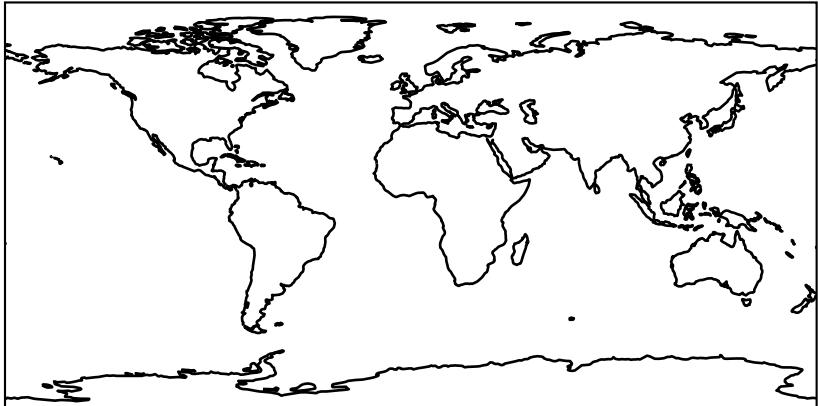


Ratio
Dev/Ref, Fixed Range



EmisHAC_Anthro (Apr2019)

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



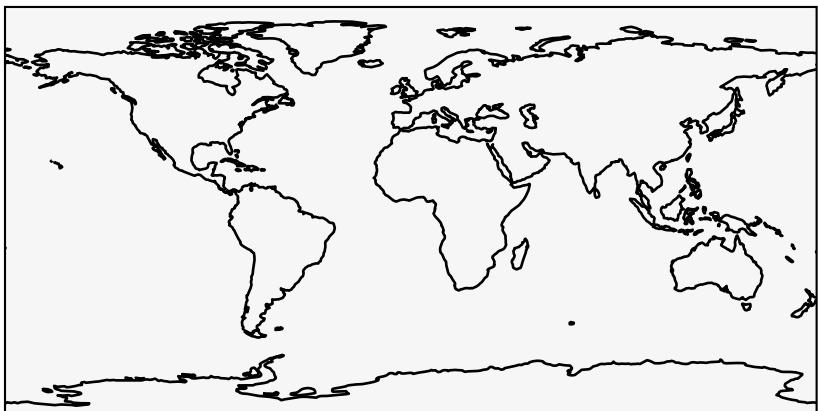
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



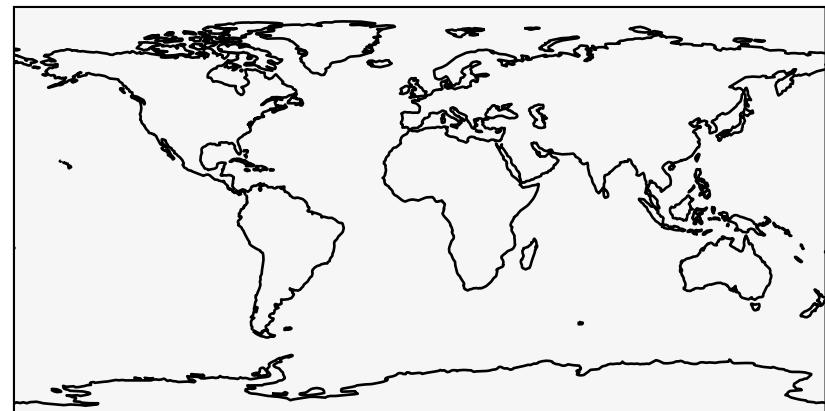
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



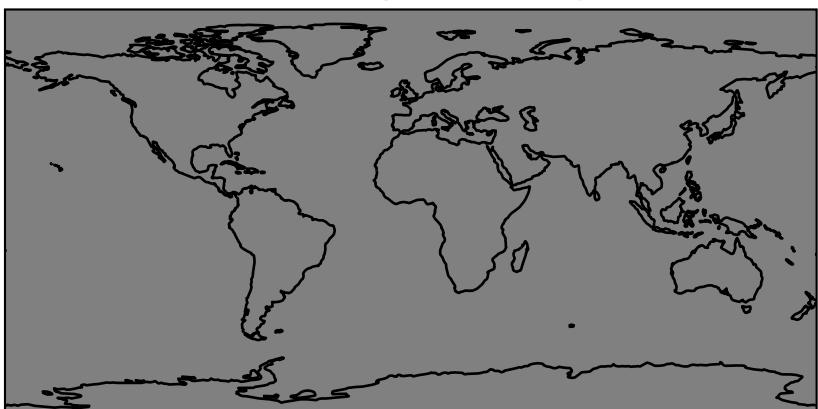
Zero throughout domain
kg/m²/s

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



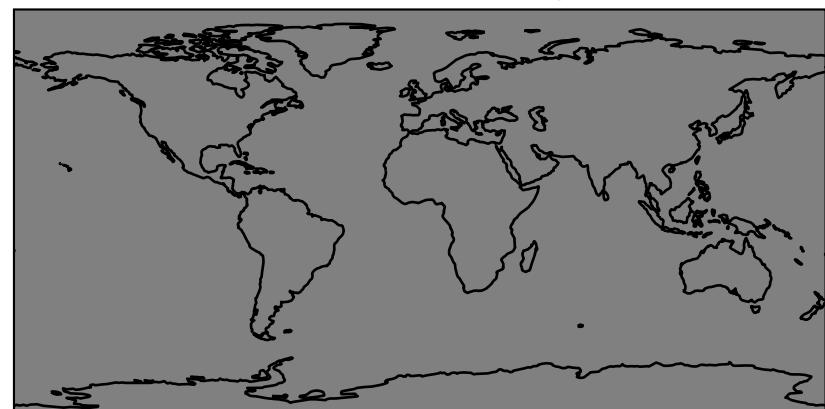
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kg/m²/s

Ratio
Dev/Ref, Dynamic Range



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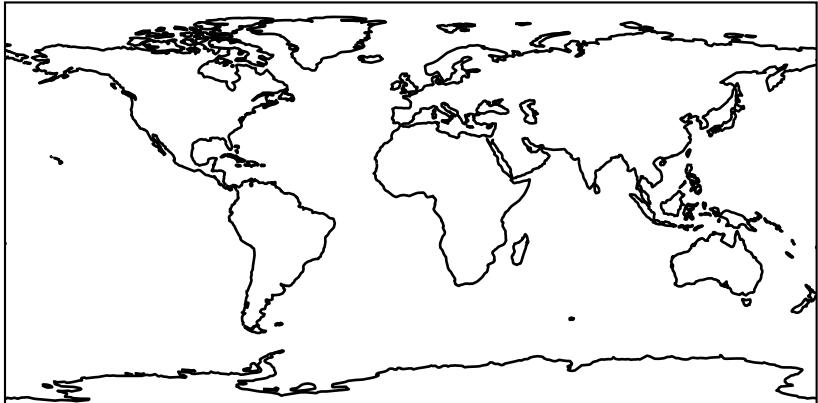
Ratio
Dev/Ref, Fixed Range



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EmisHAC_Total (Apr2019)

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



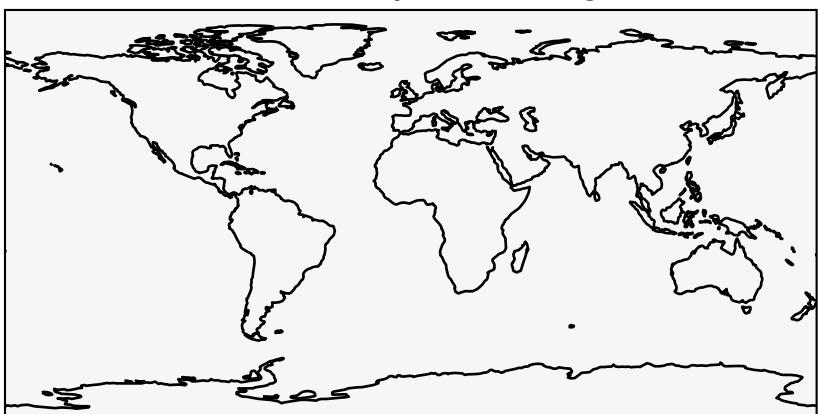
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



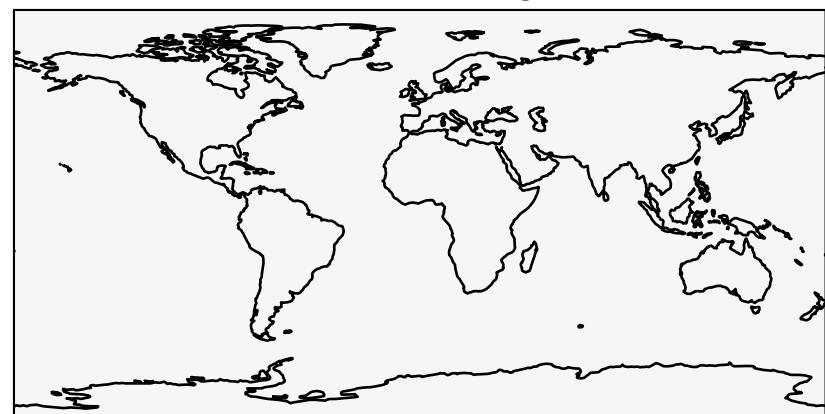
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



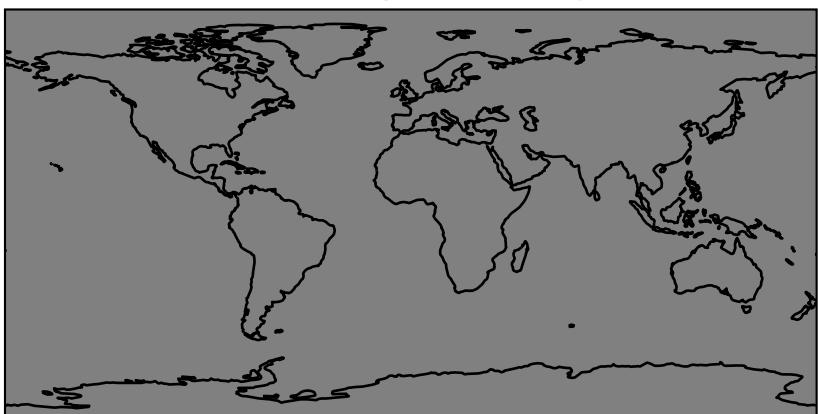
Zero throughout domain
kg/m²/s

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



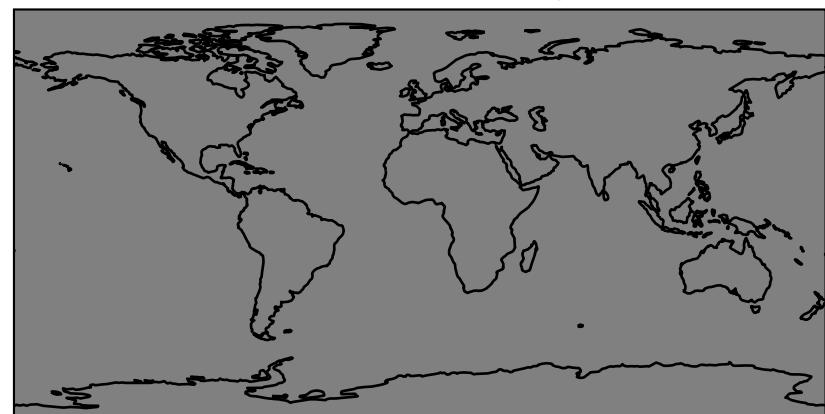
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



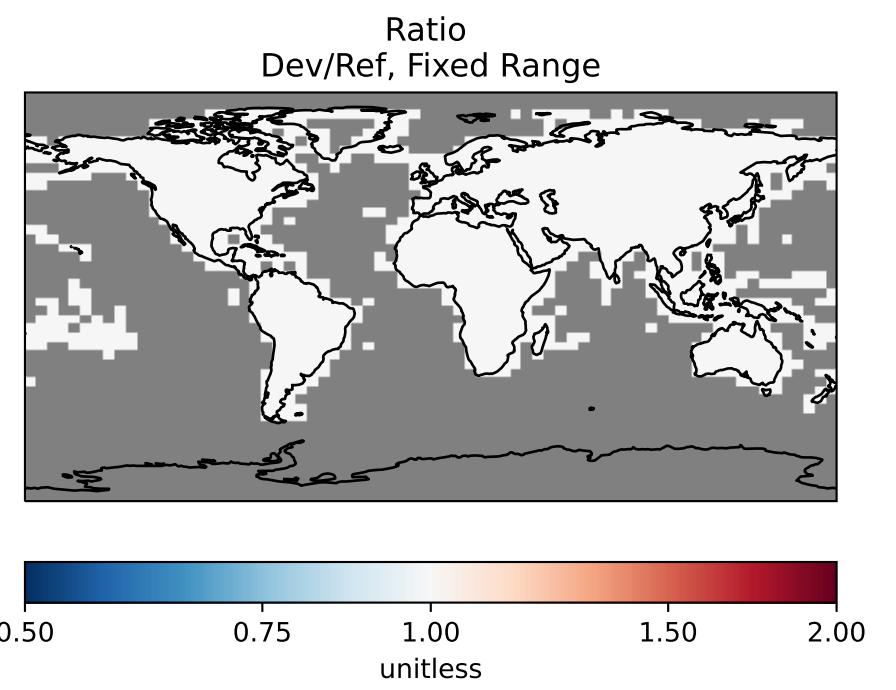
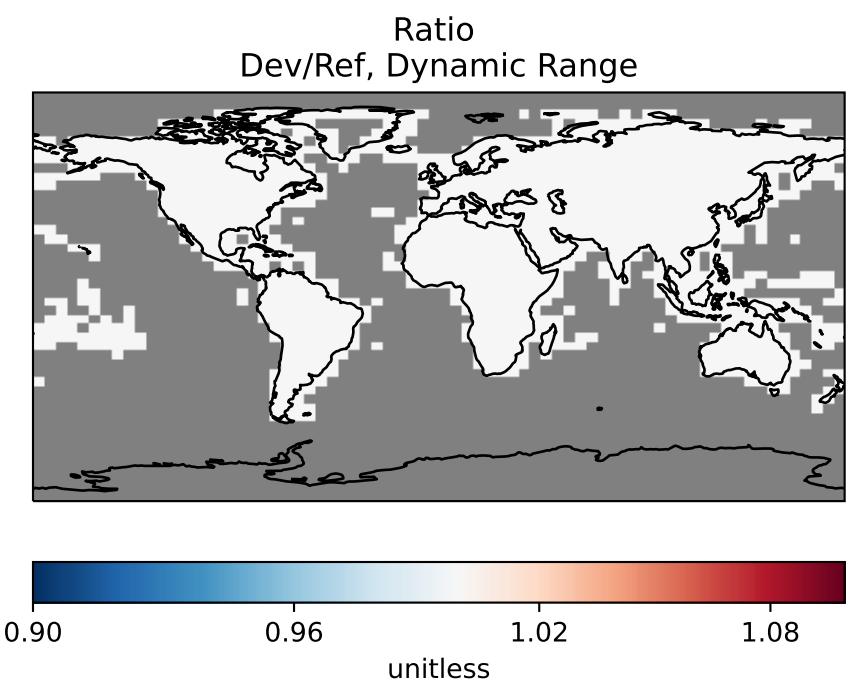
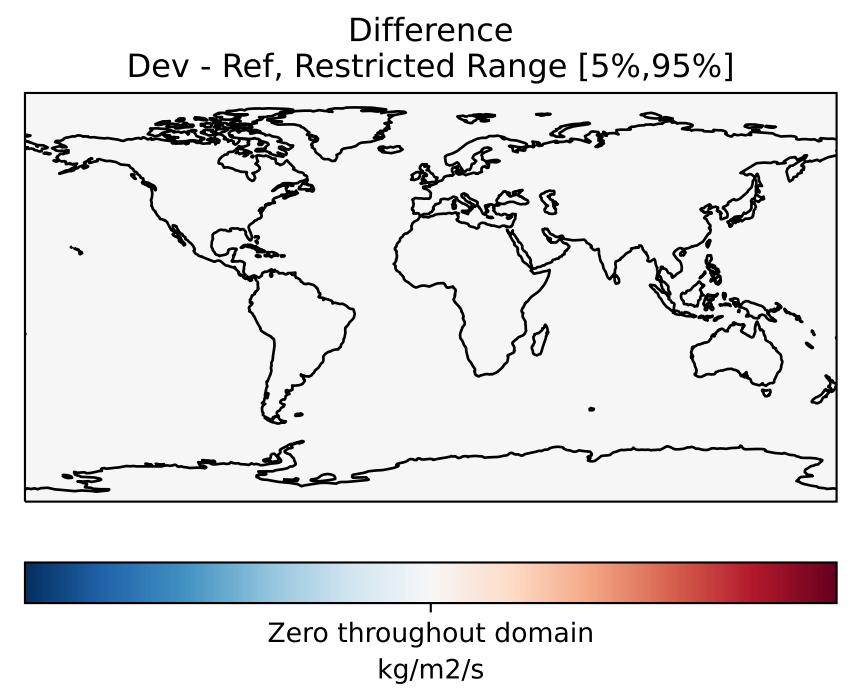
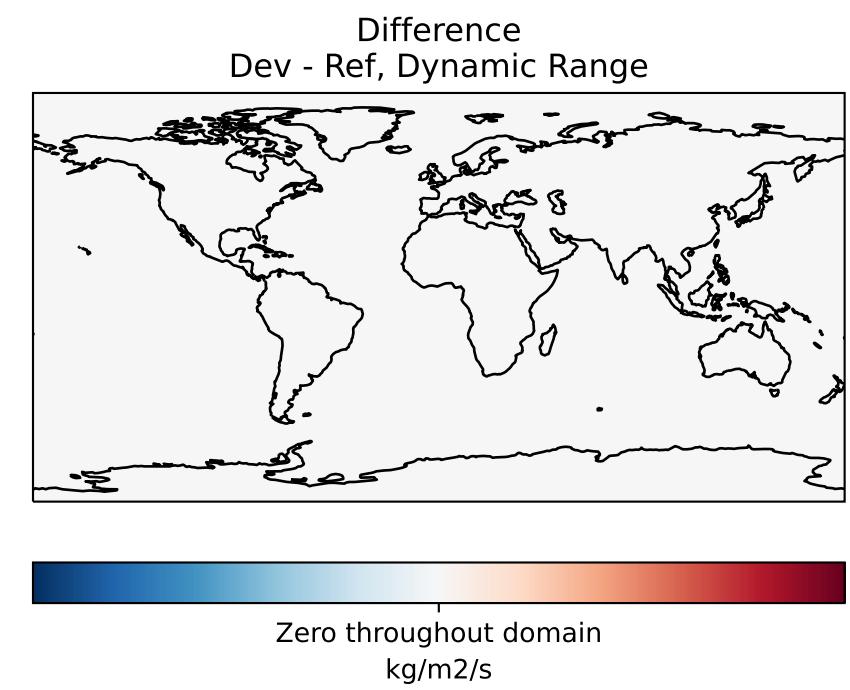
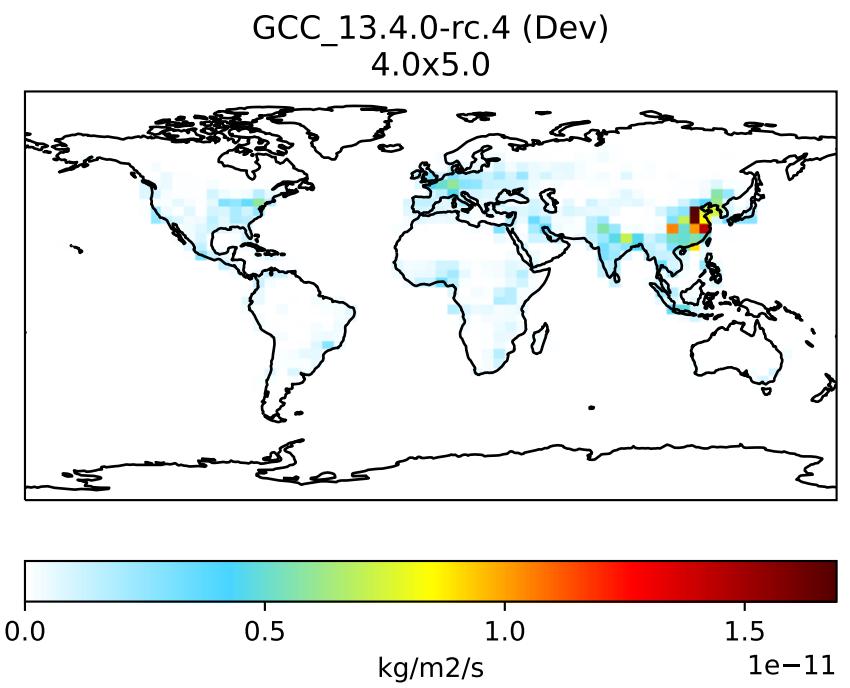
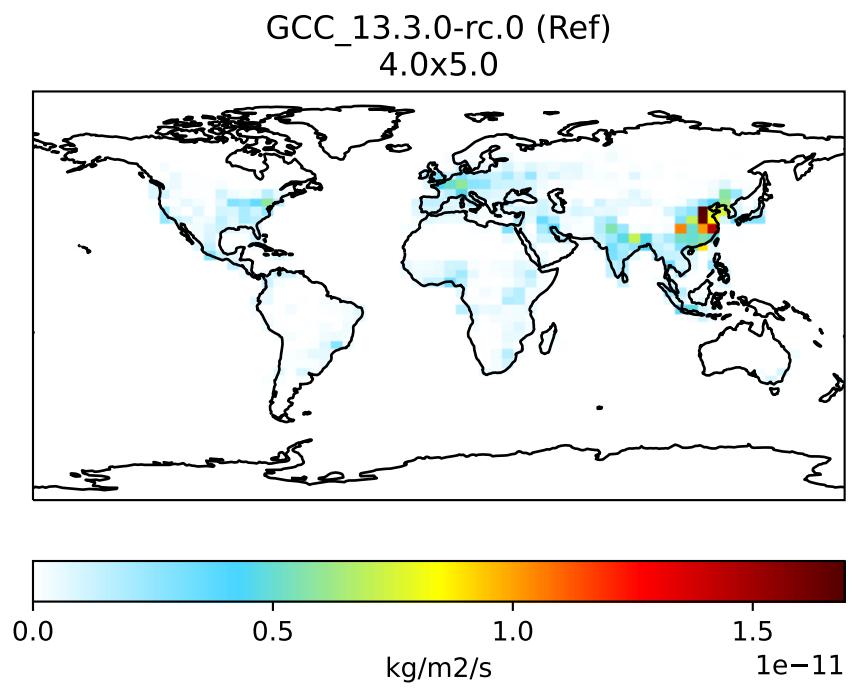
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Ratio
Dev/Ref, Fixed Range

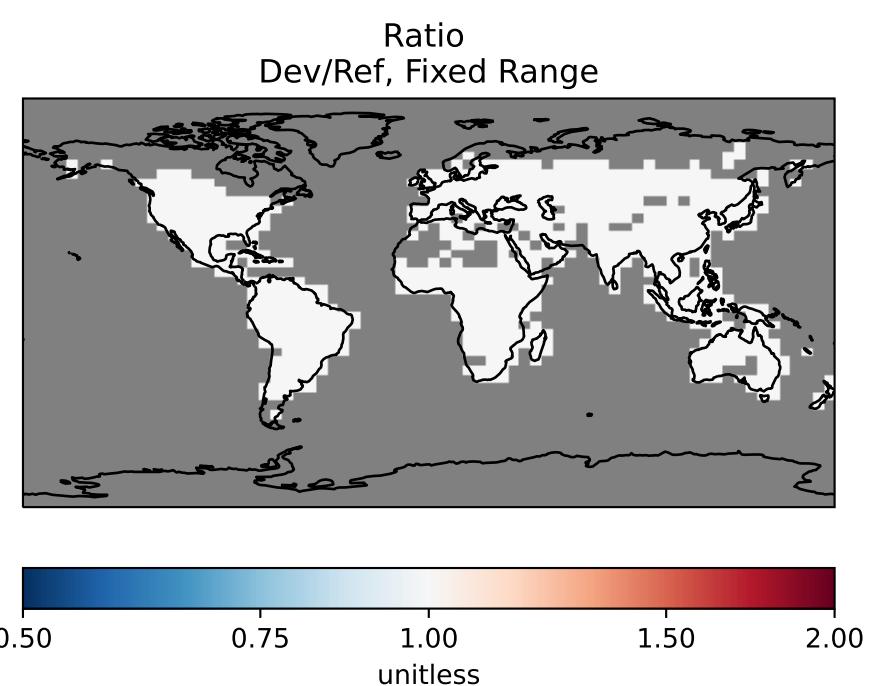
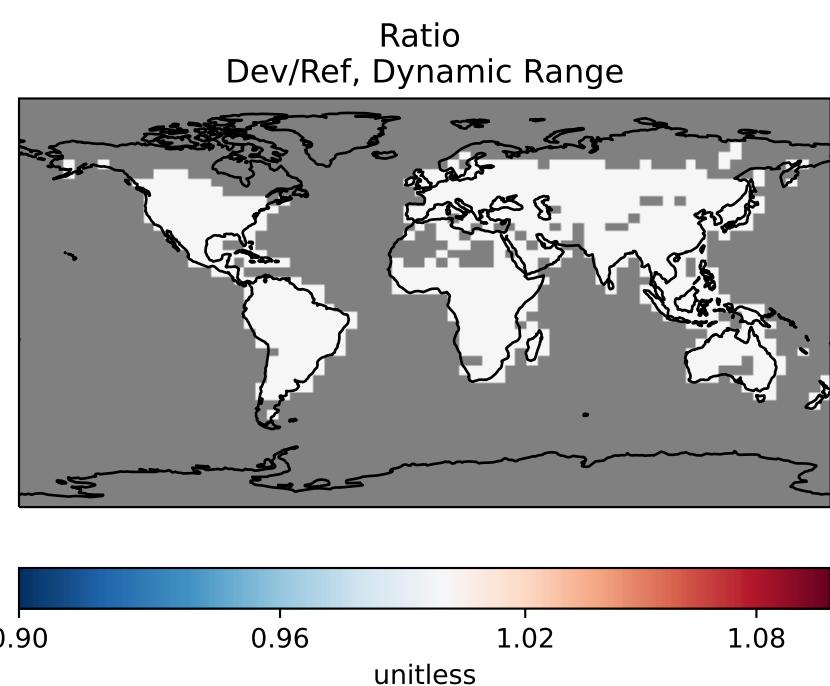
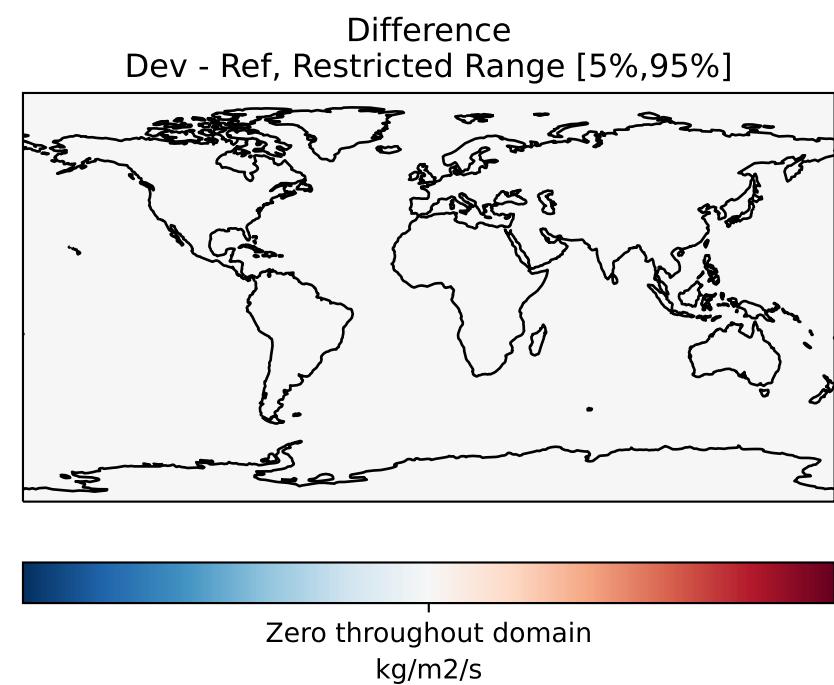
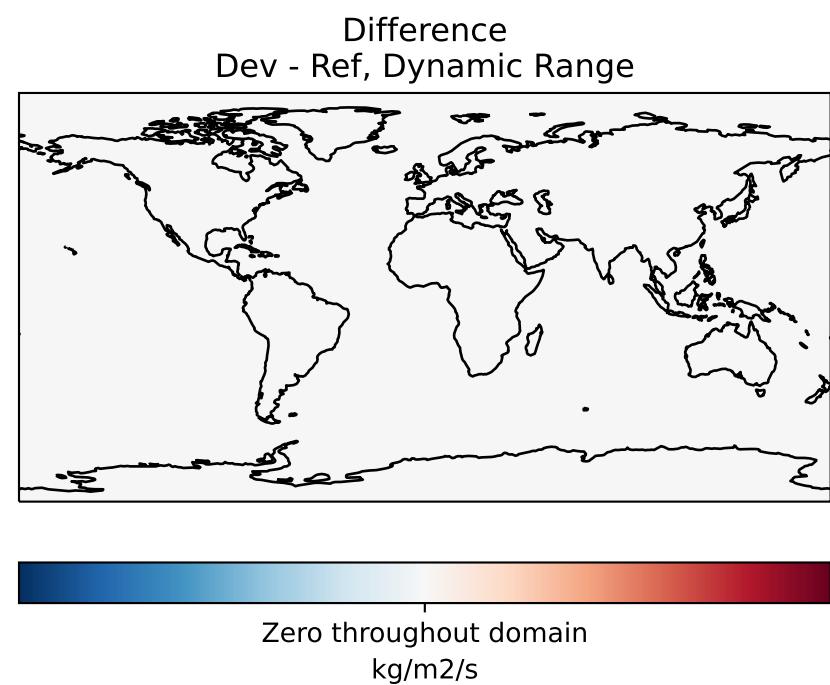
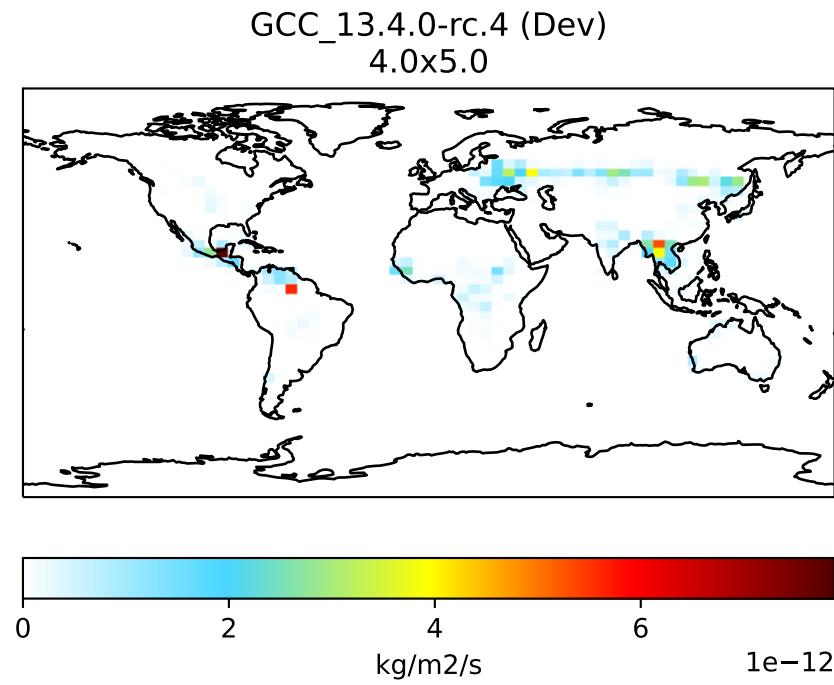
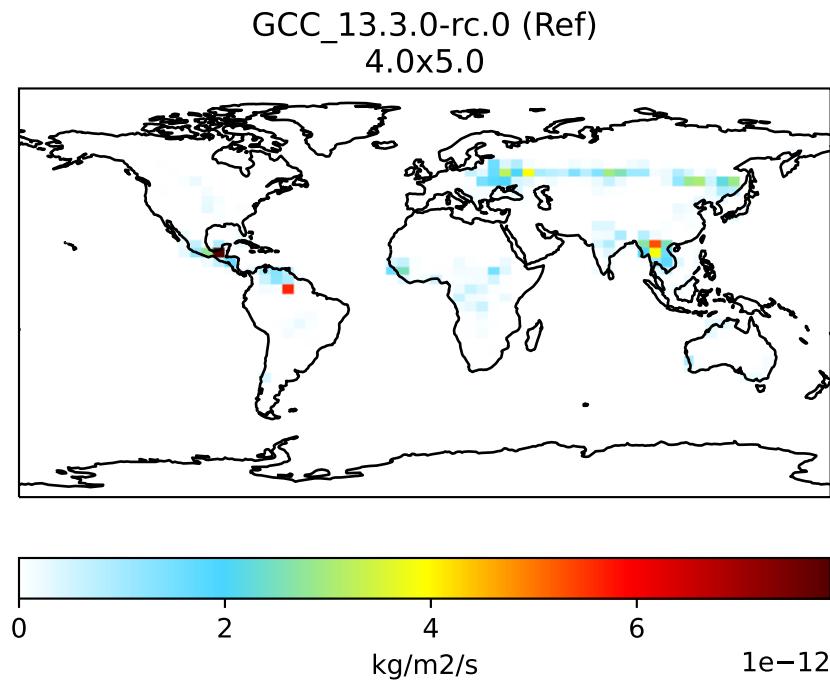


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unitless

EmisMEK_Anthro (Apr2019)

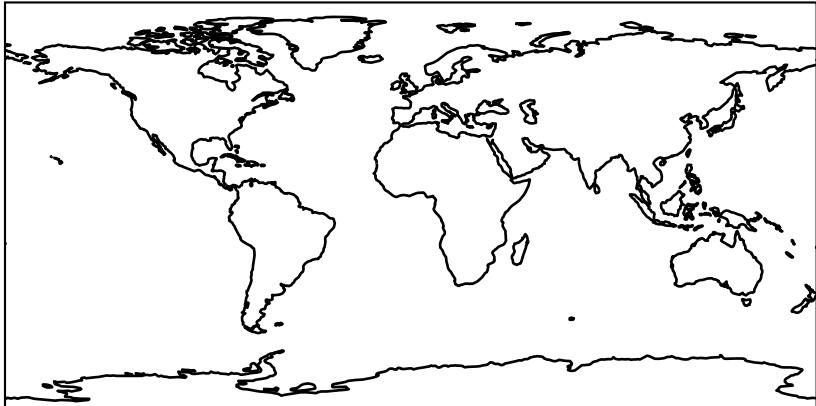


EmisMEK_BioBurn (Apr2019)



EmisMEK_Ship (Apr2019)

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



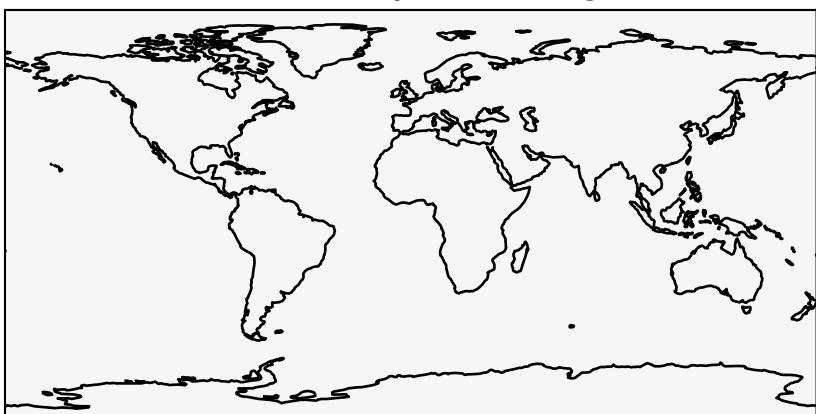
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



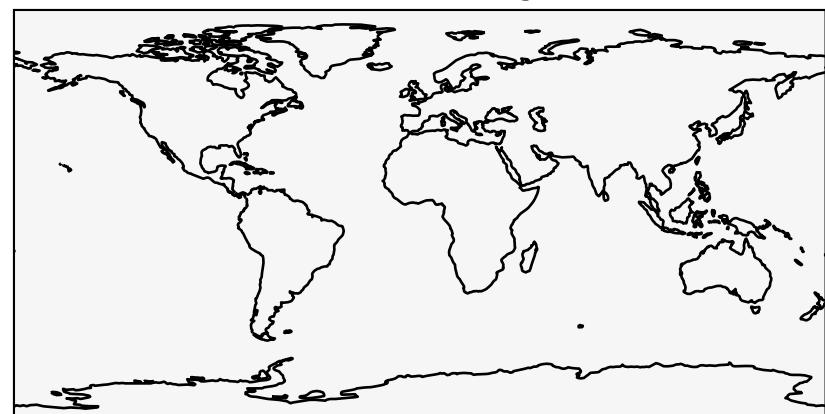
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



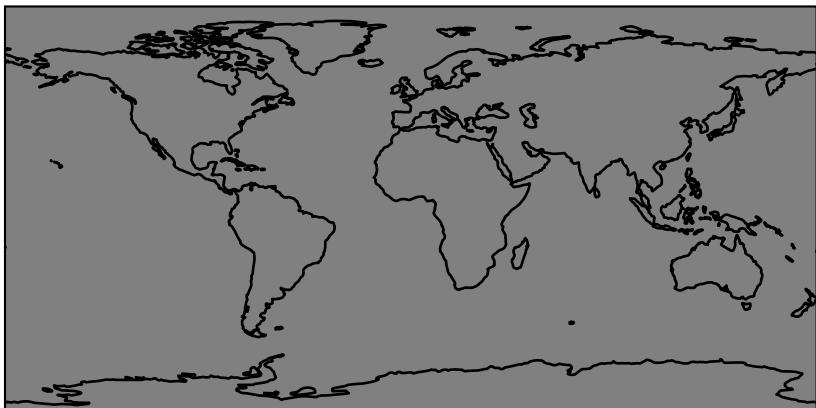
Zero throughout domain
kg/m²/s

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



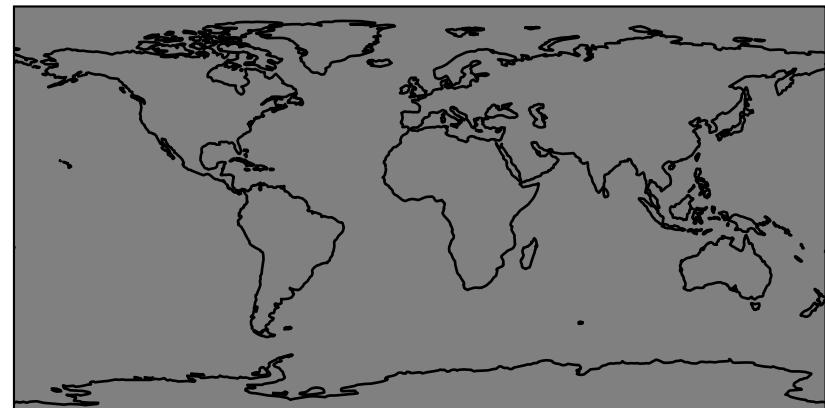
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kg/m²/s

Ratio
Dev/Ref, Dynamic Range



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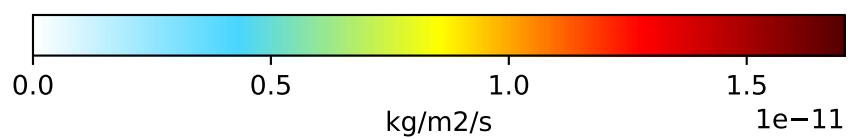
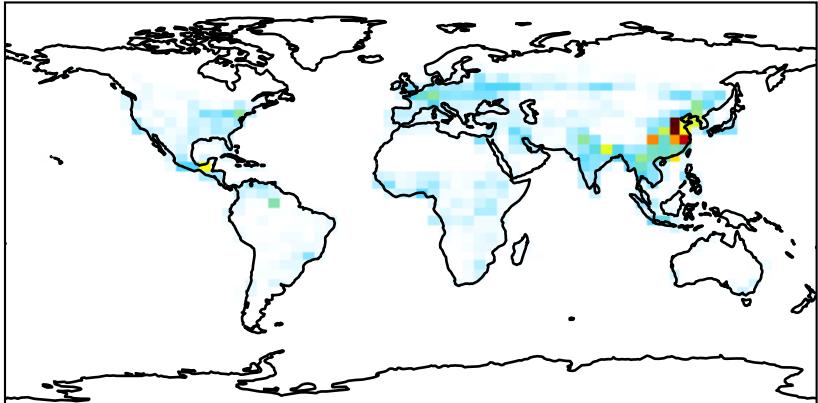
Ratio
Dev/Ref, Fixed Range



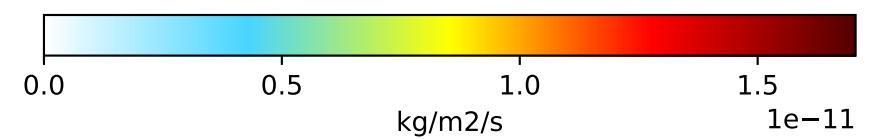
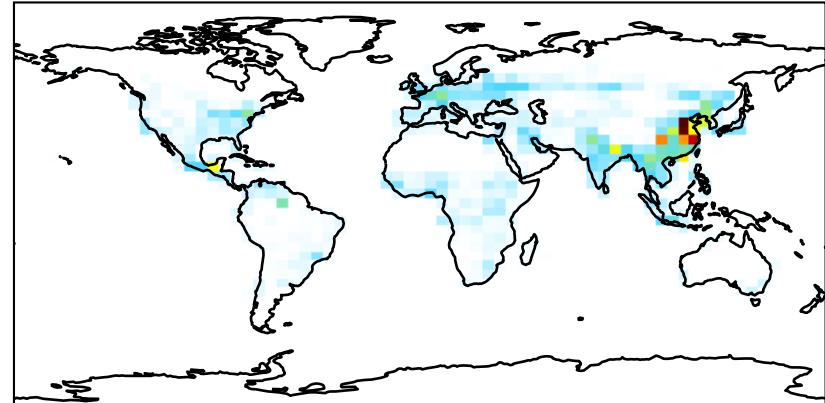
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EmisMEK_Total (Apr2019)

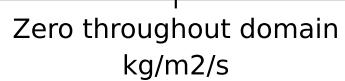
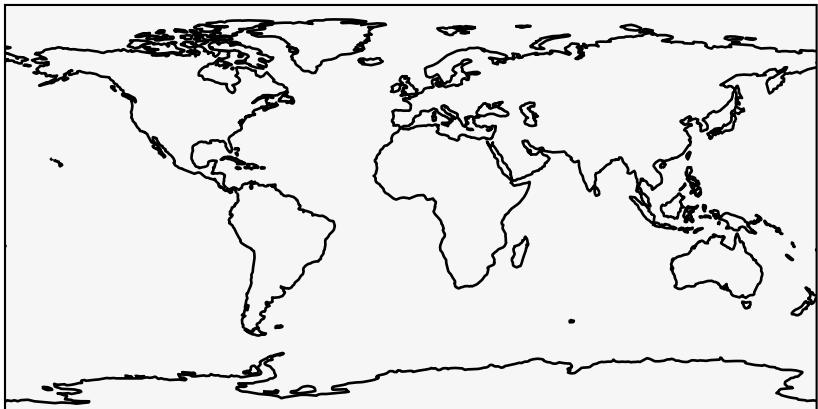
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



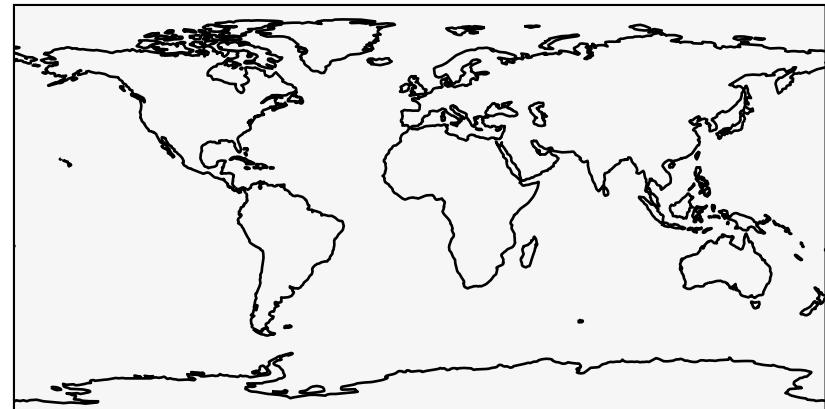
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



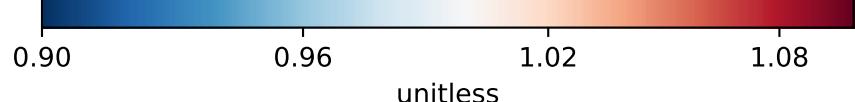
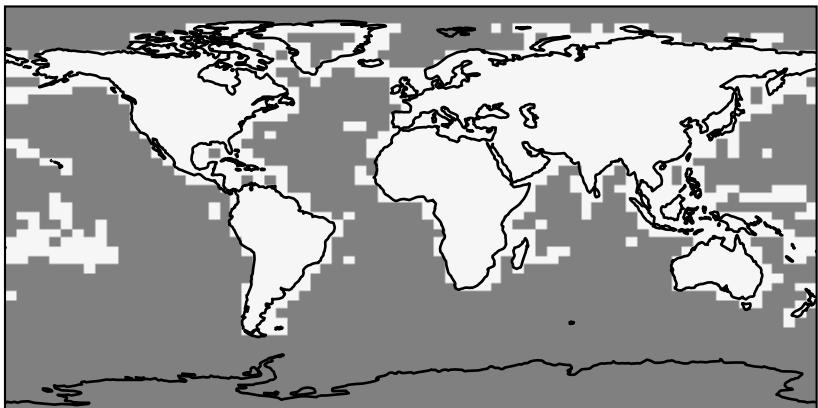
Difference
Dev - Ref, Dynamic Range



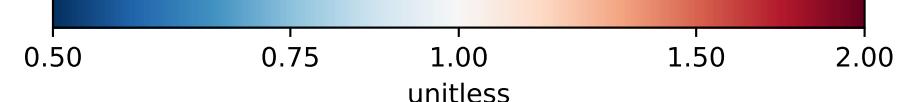
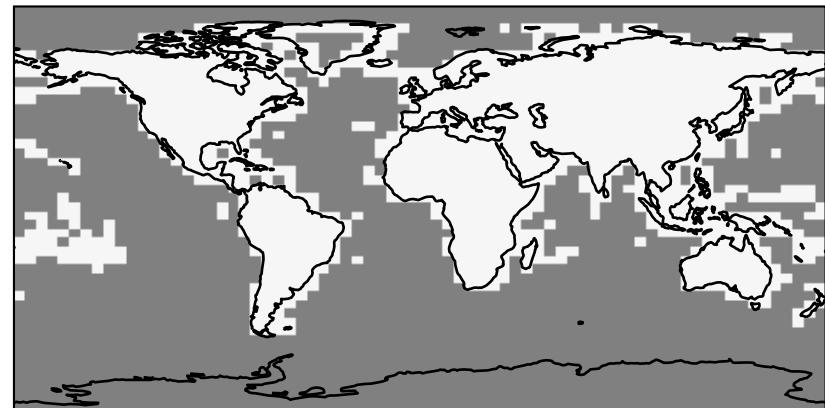
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

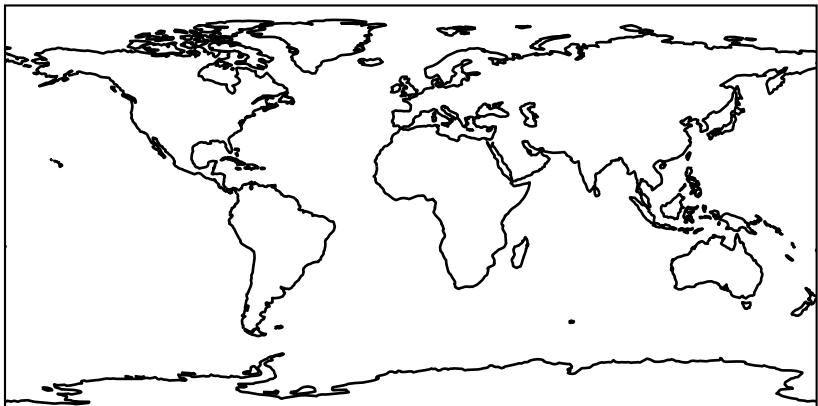


Ratio
Dev/Ref, Fixed Range



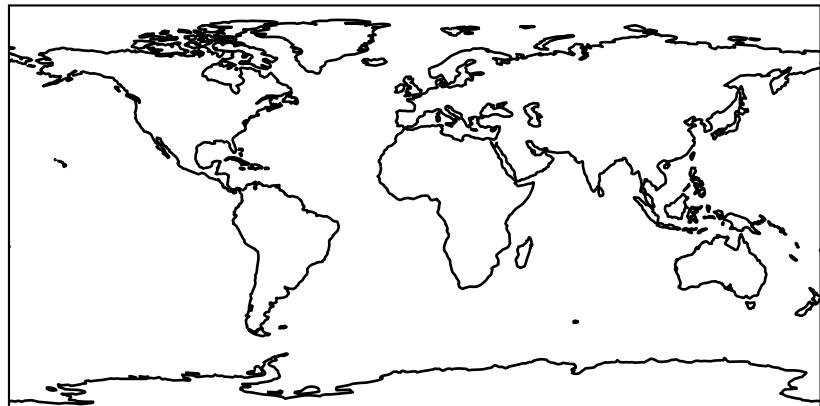
EmisMVK_Anthro (Apr2019)

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



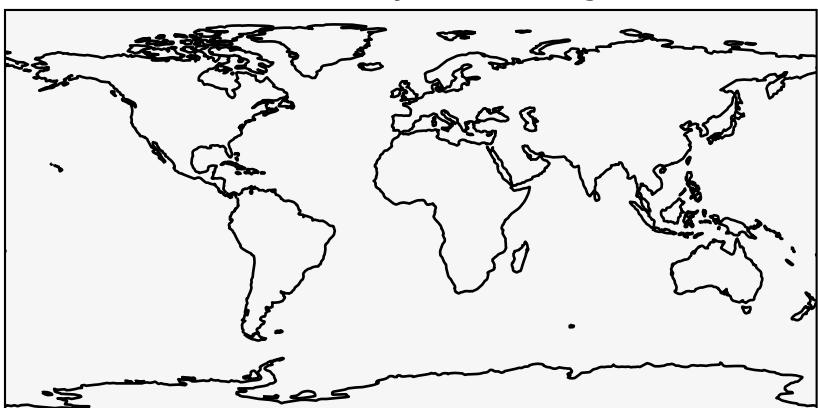
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



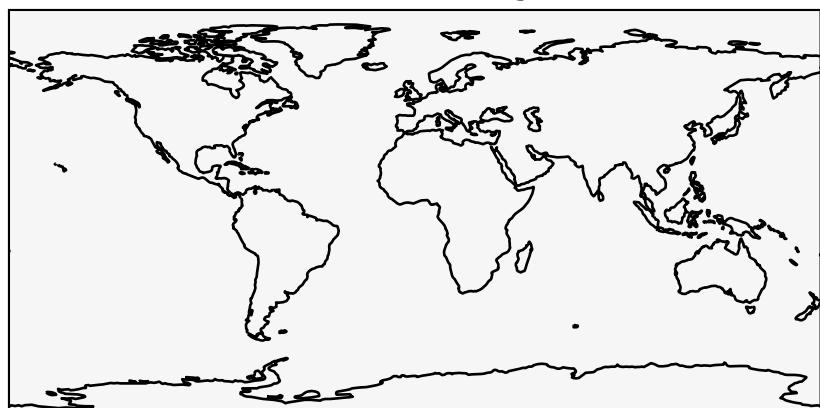
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



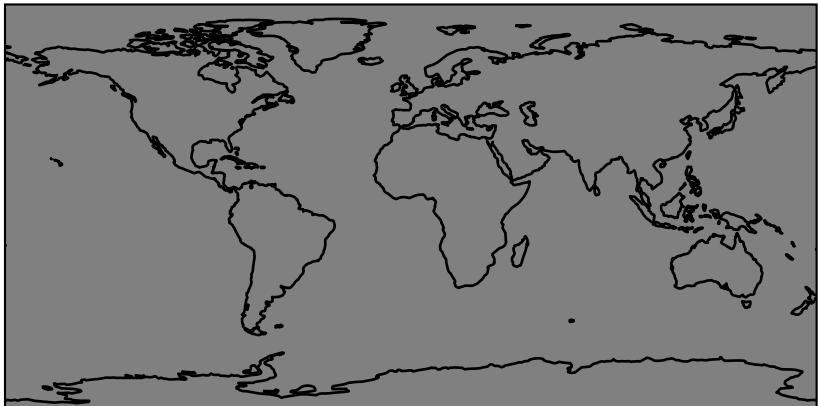
Zero throughout domain
kg/m²/s

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



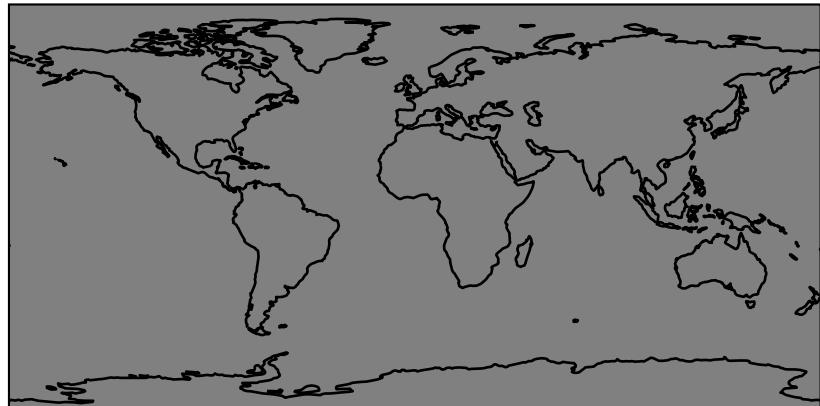
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

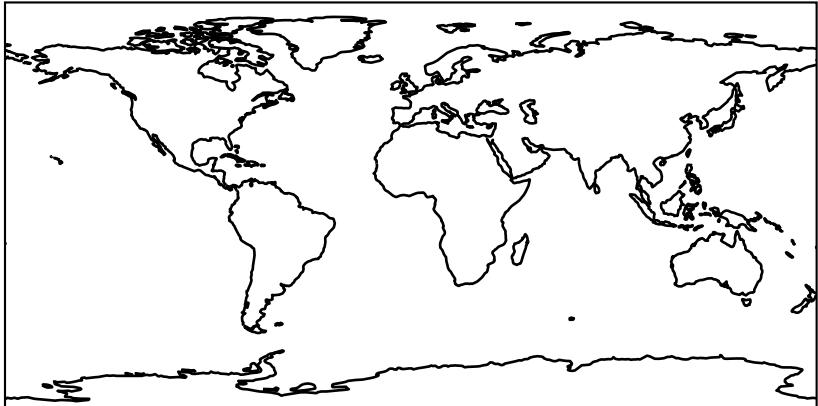
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

EmisGLYC_Anthro (Apr2019)

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



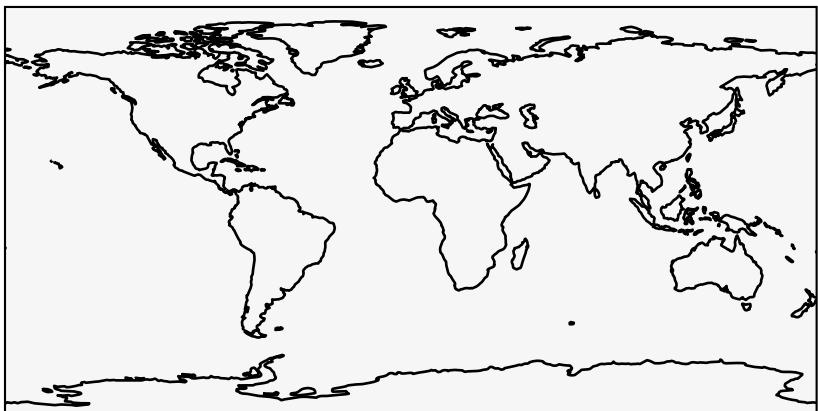
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



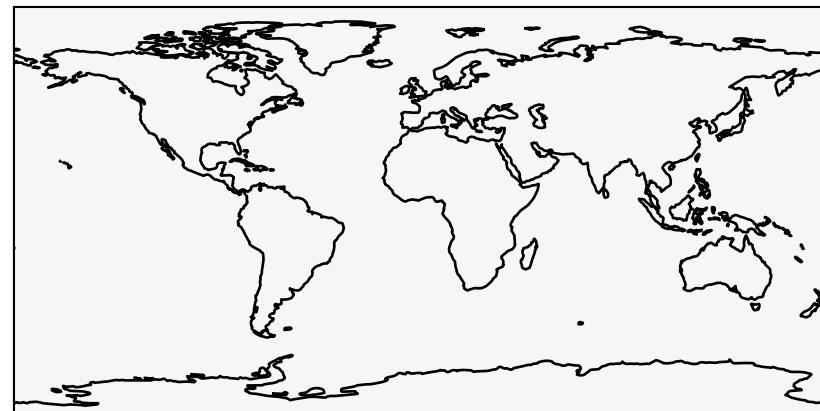
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



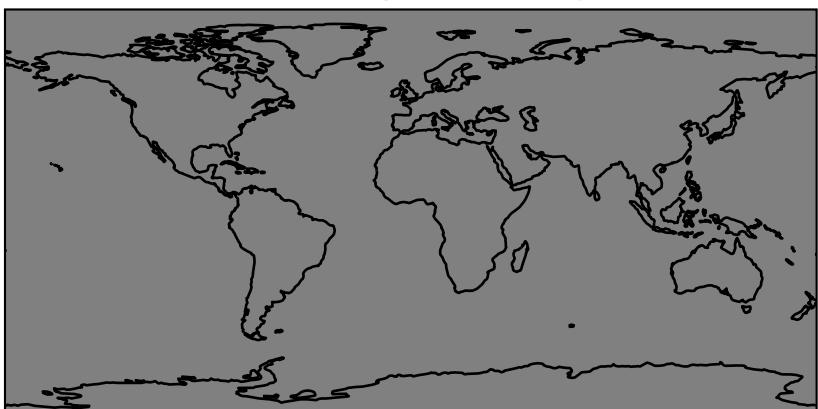
Zero throughout domain
kg/m²/s

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



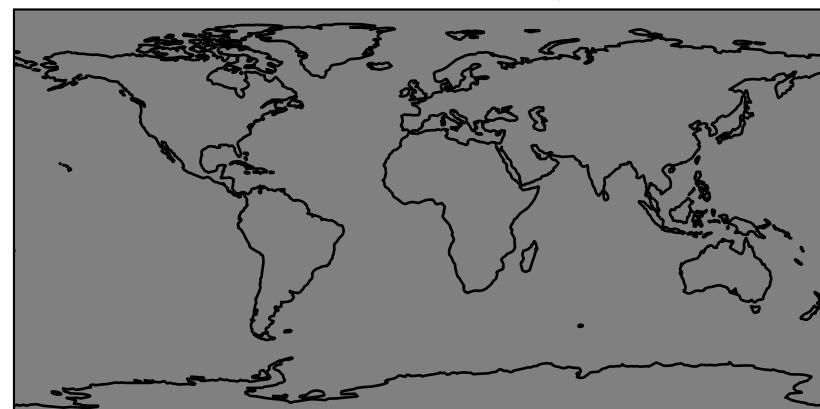
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

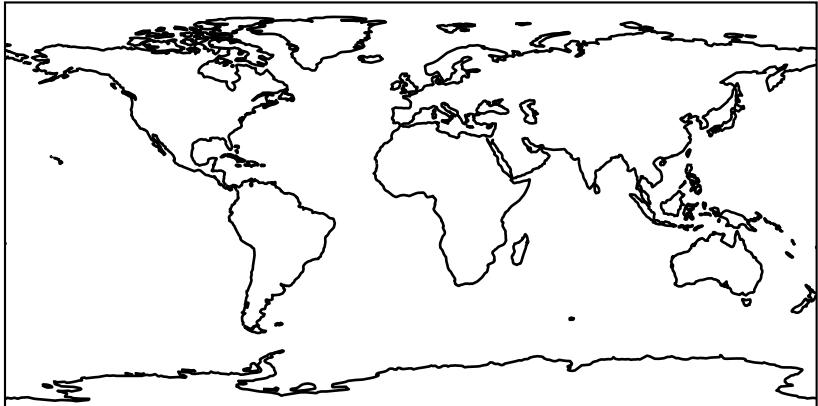
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

EmisGLYC_Total (Apr2019)

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



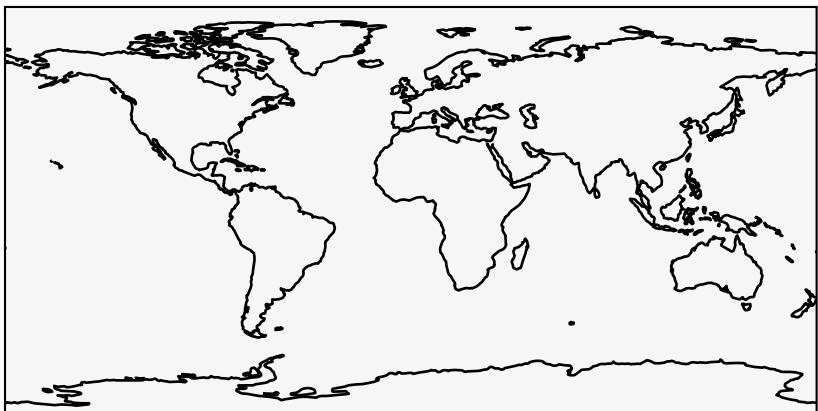
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



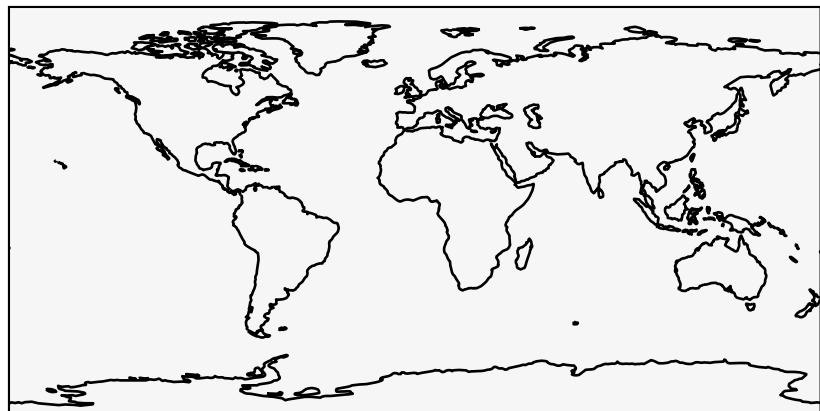
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



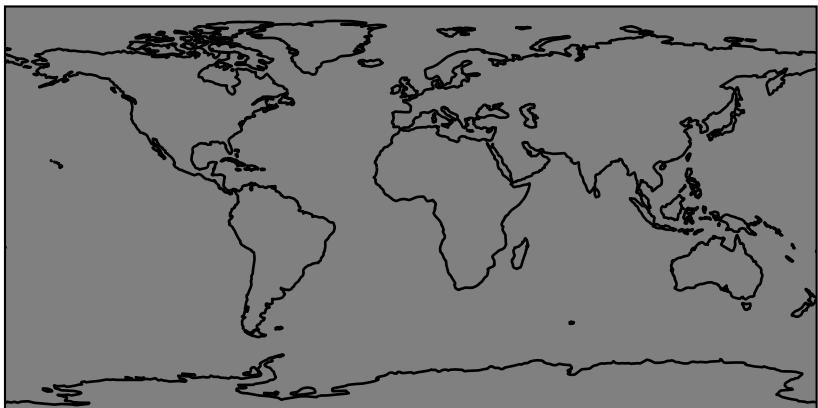
Zero throughout domain
kg/m²/s

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



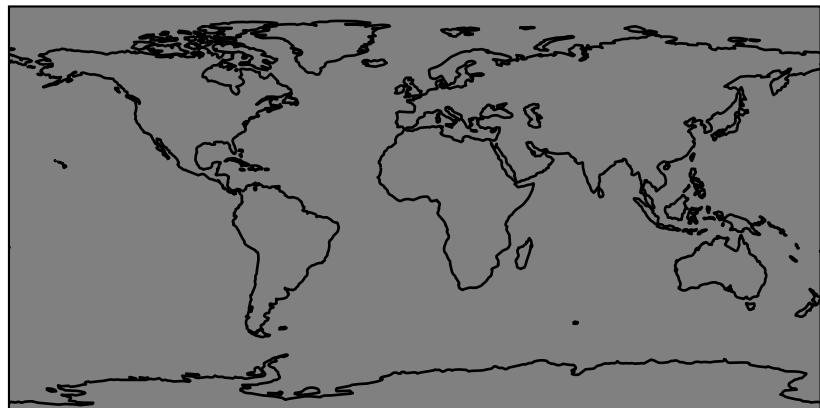
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



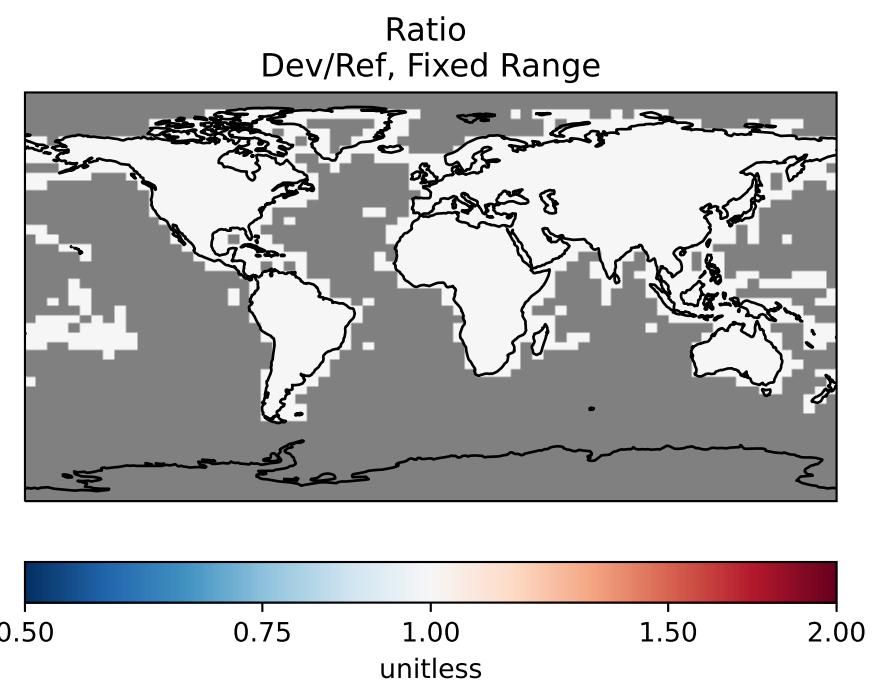
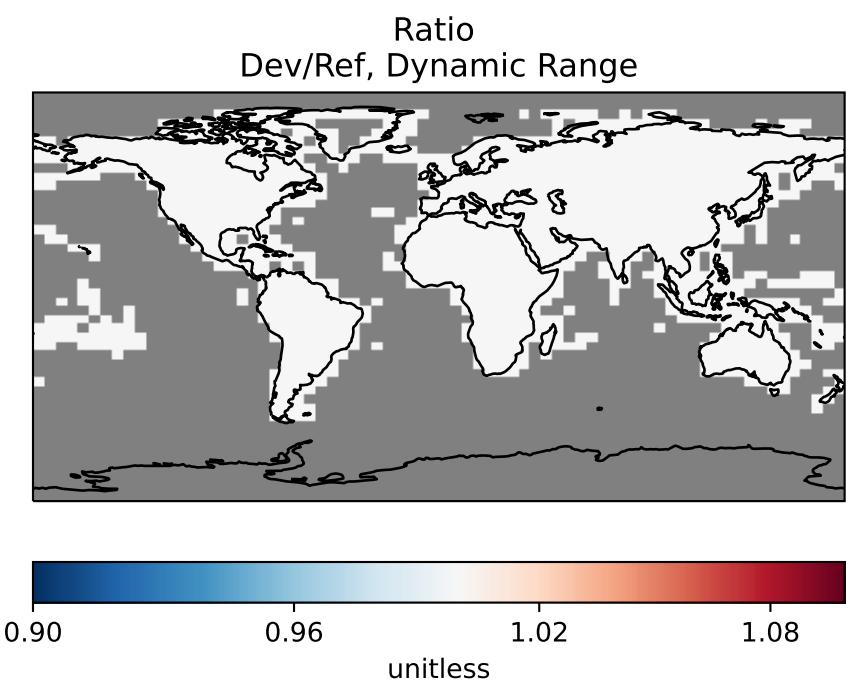
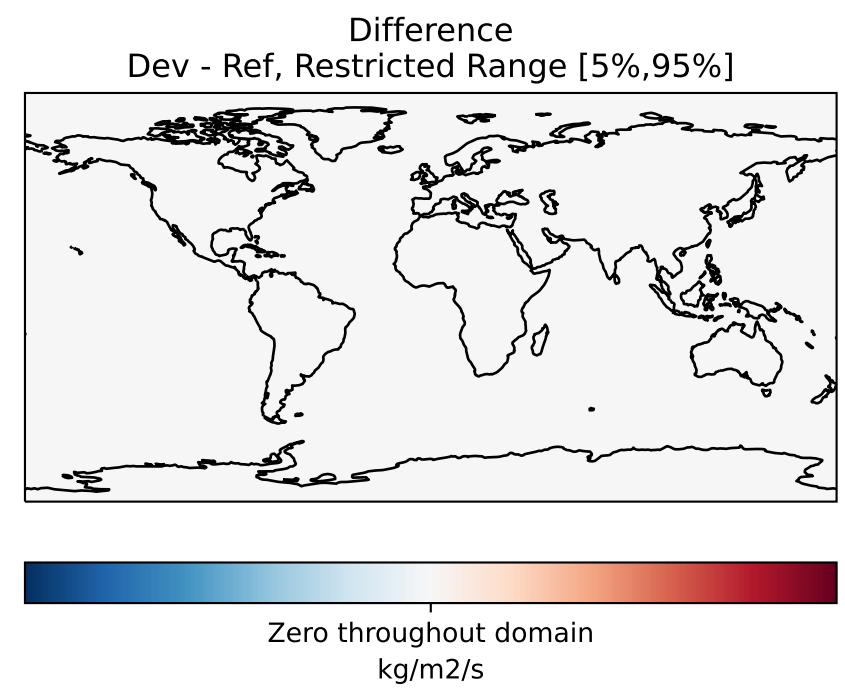
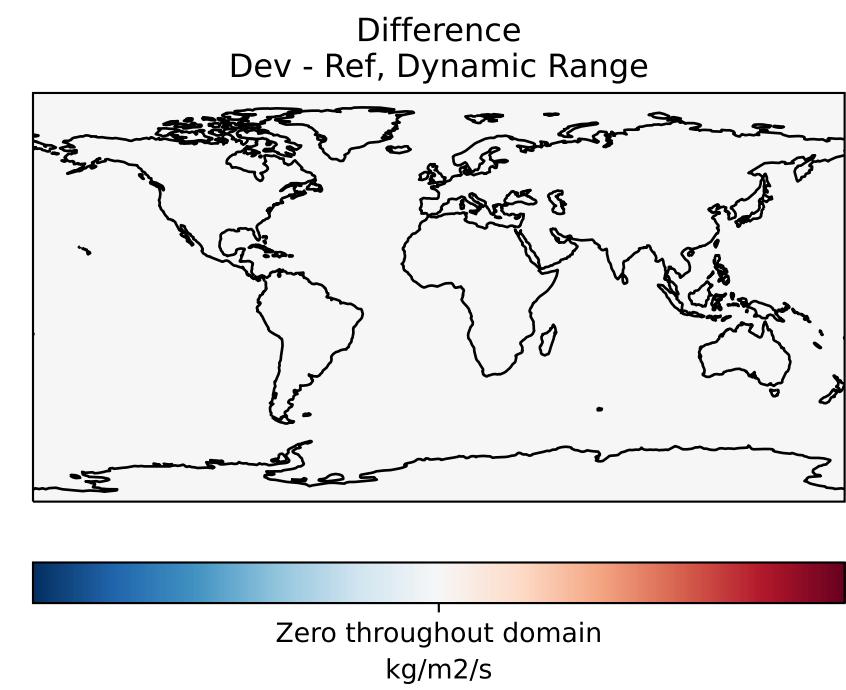
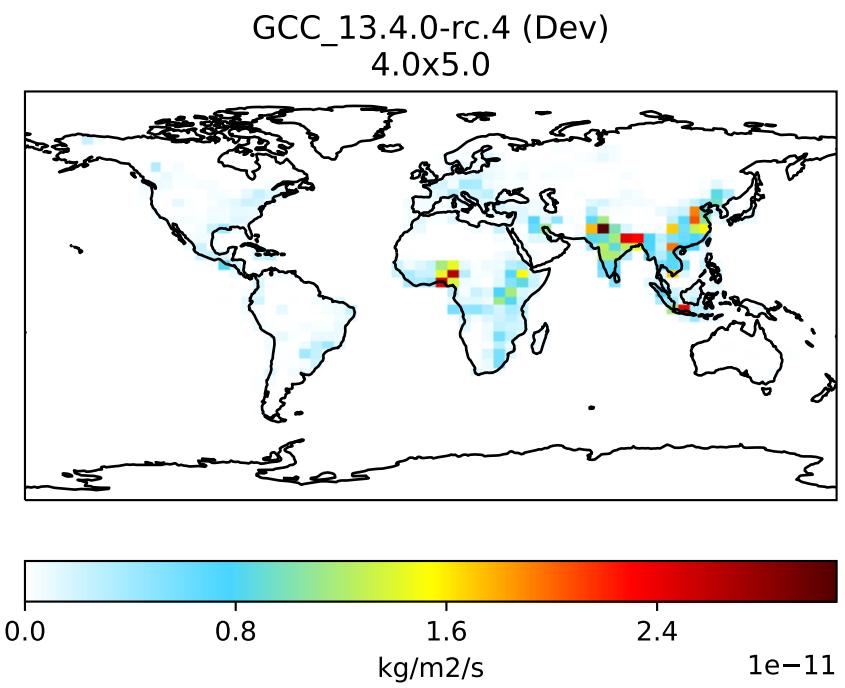
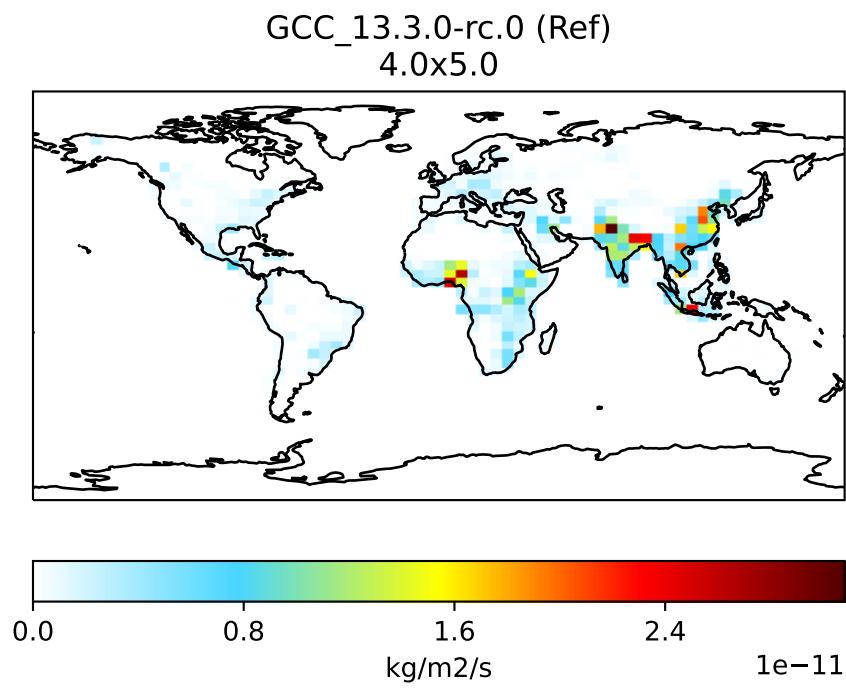
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unitless

Ratio
Dev/Ref, Fixed Range



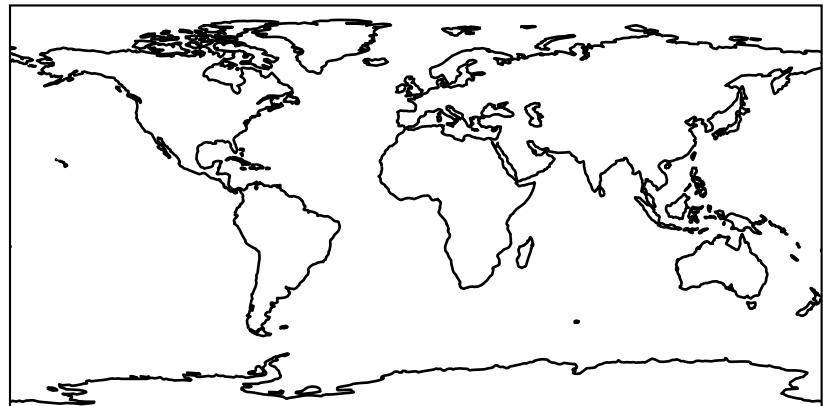
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unitless

EmisHCOOH_Anthro (Apr2019)



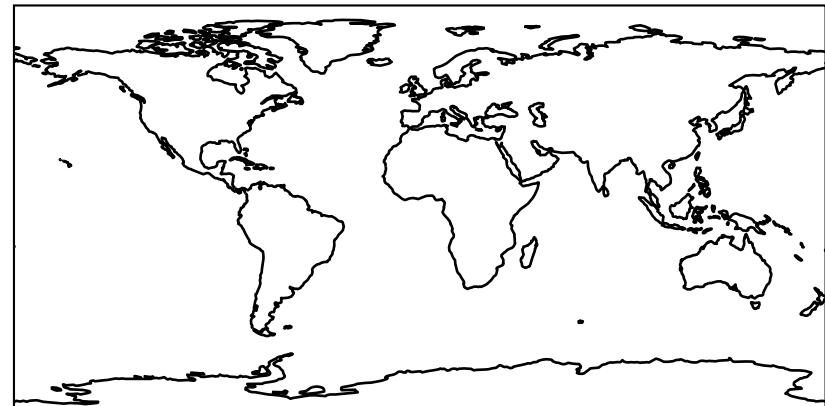
EmisHCOOH_Ship (Apr2019)

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



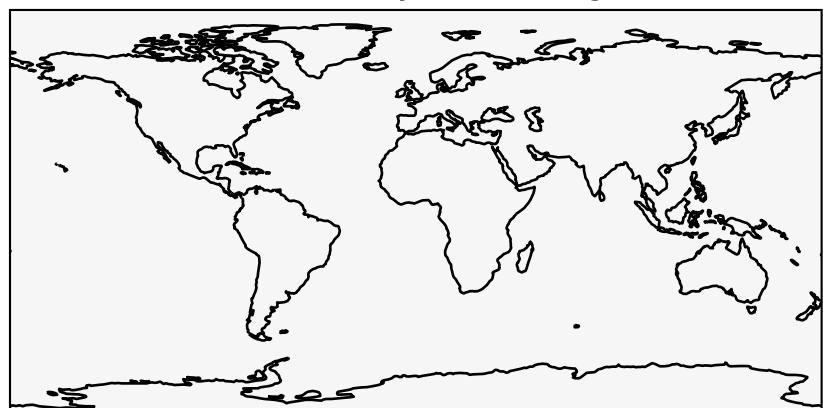
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



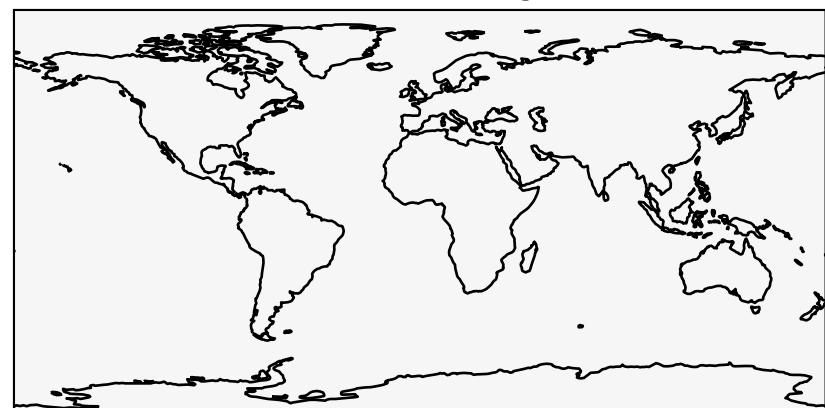
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



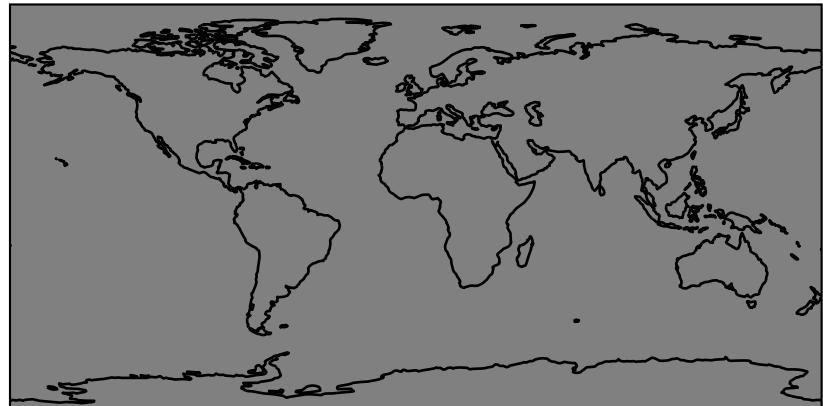
Zero throughout domain
kg/m²/s

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



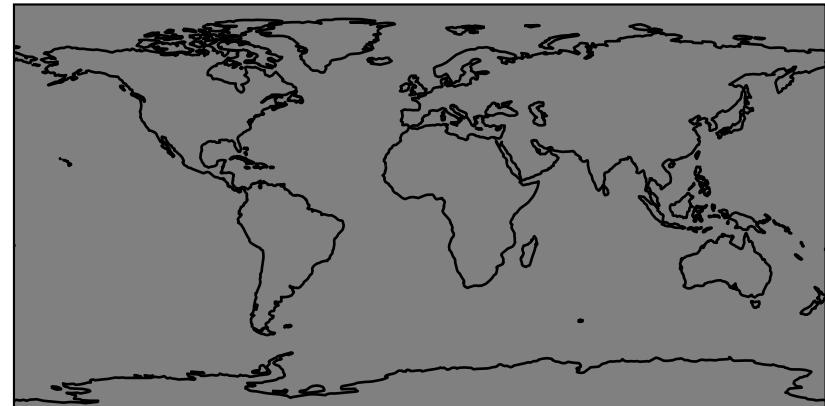
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

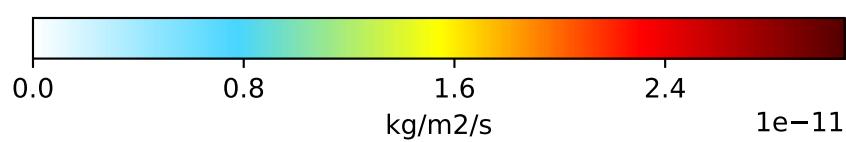
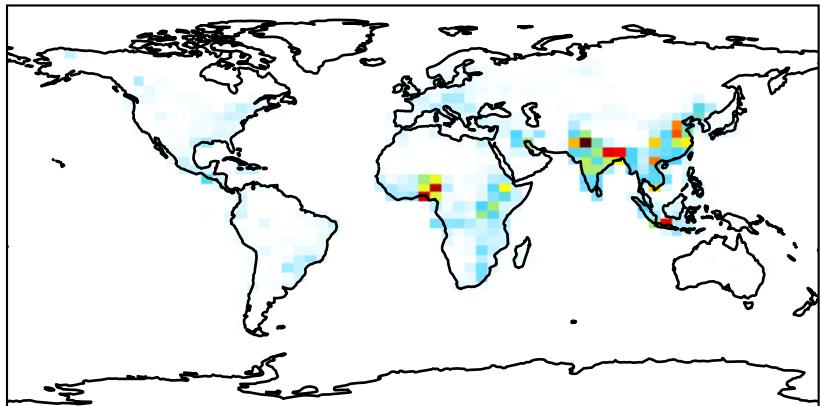
Ratio
Dev/Ref, Fixed Range



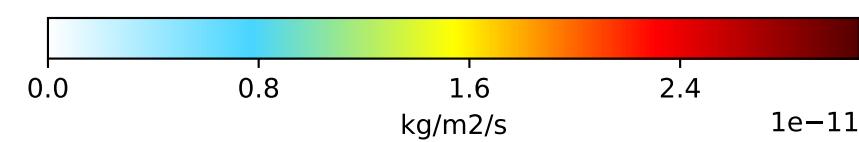
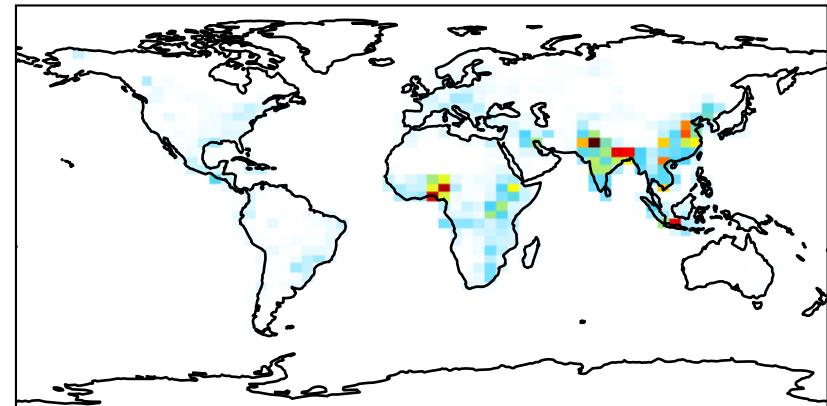
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EmisHCOOH_Total (Apr2019)

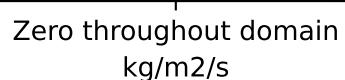
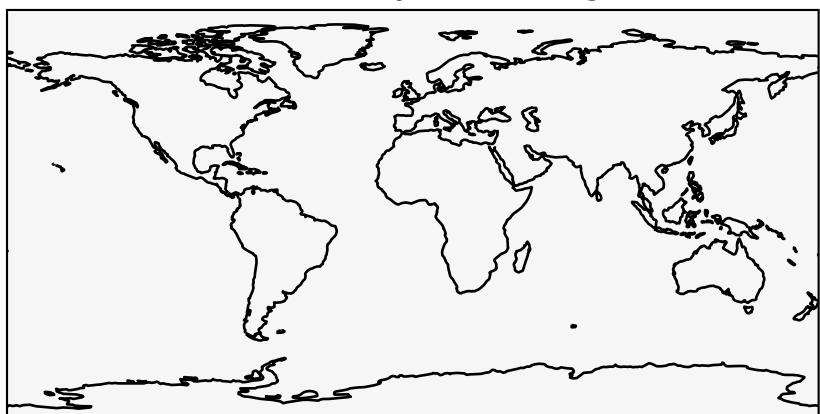
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



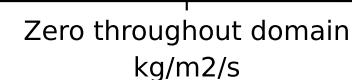
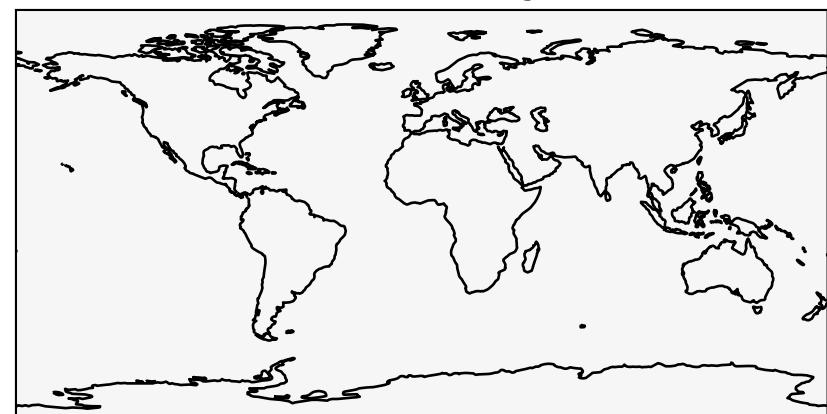
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



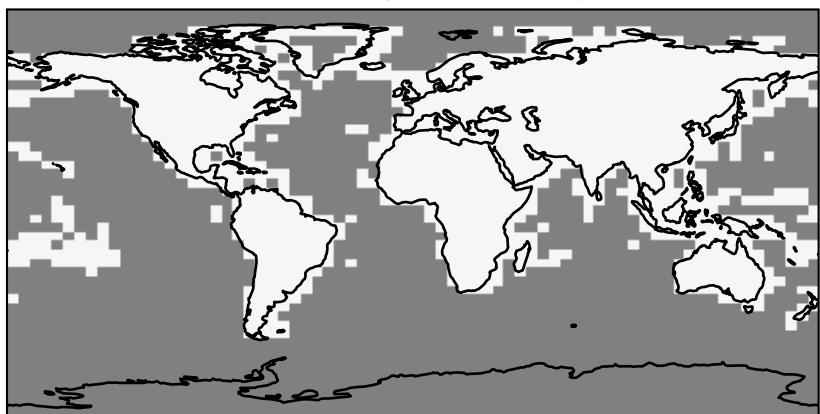
Difference
Dev - Ref, Dynamic Range



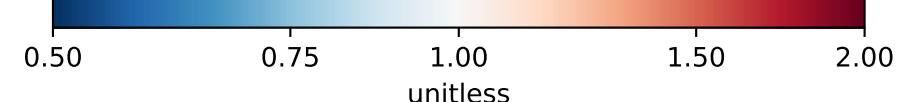
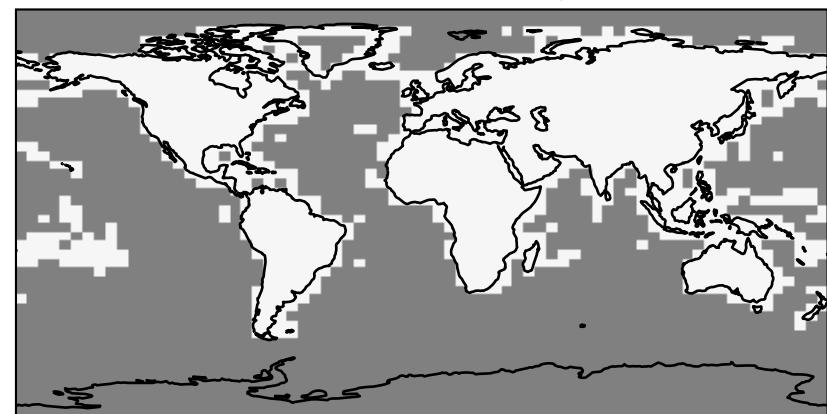
Difference
Dev - Ref, Restricted Range [5%,95%]



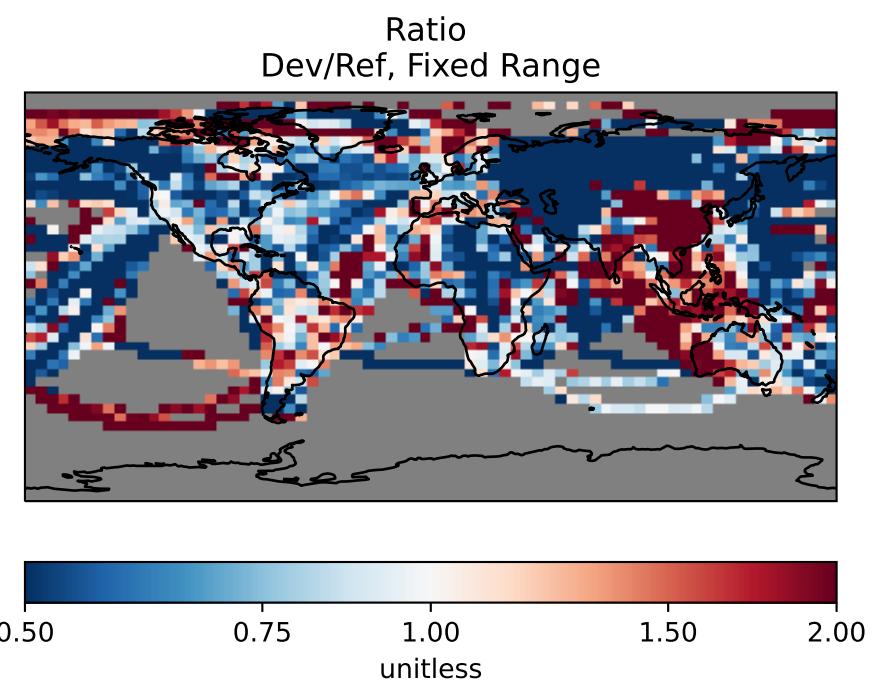
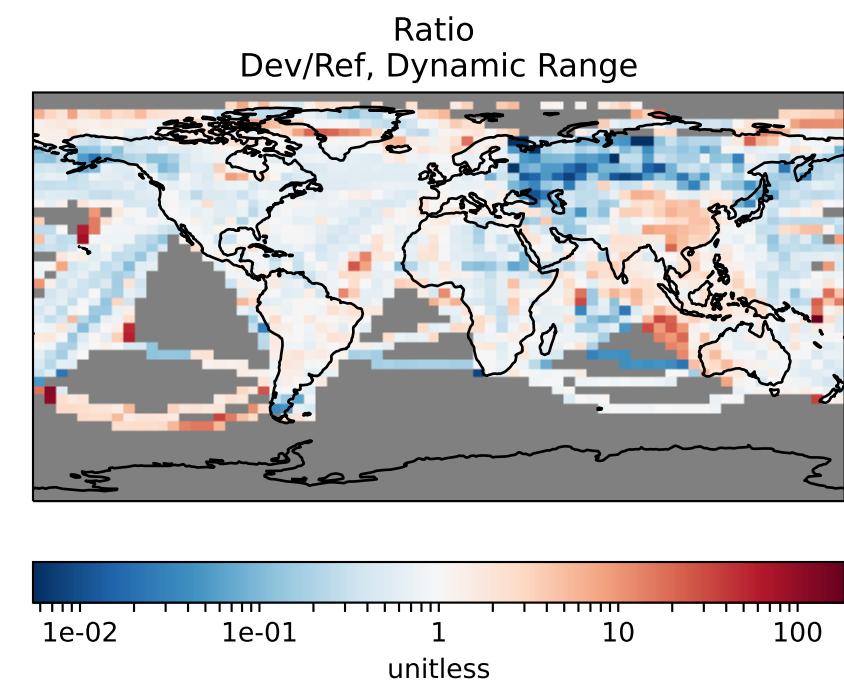
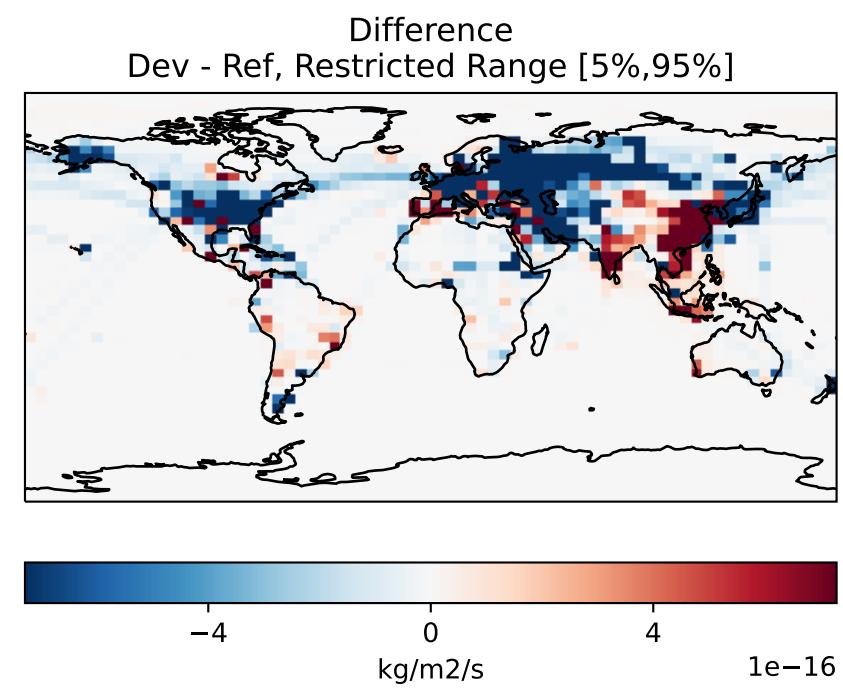
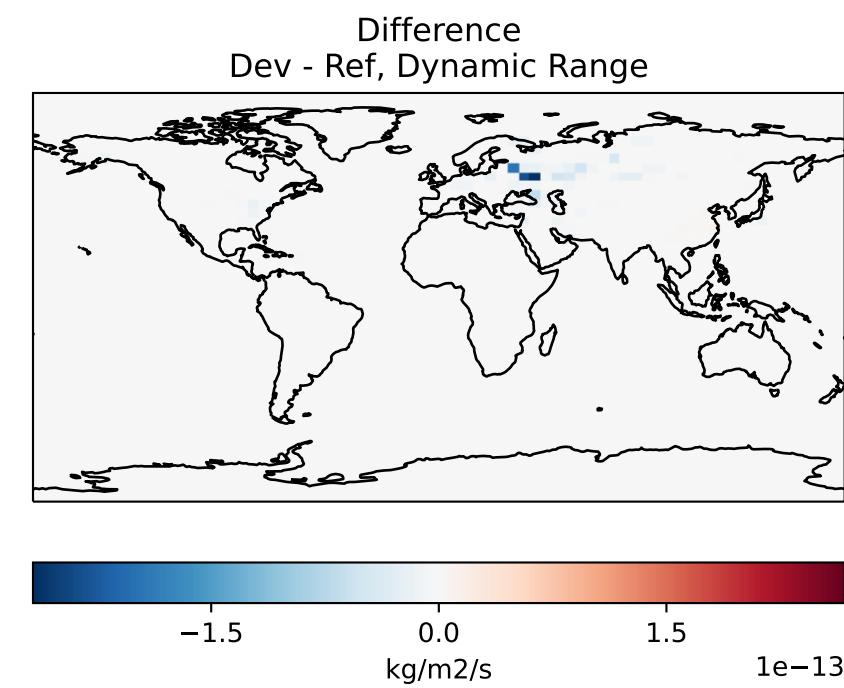
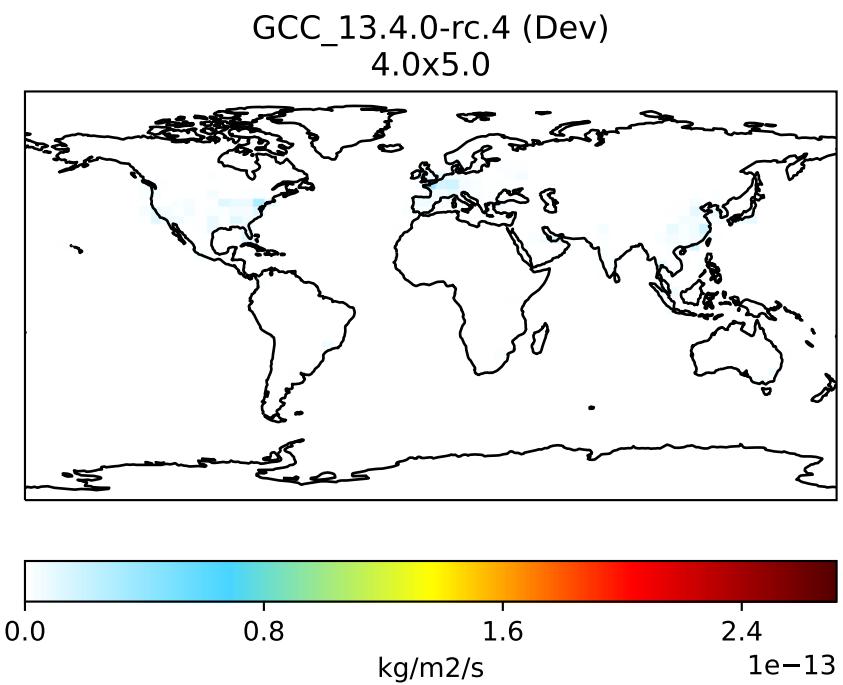
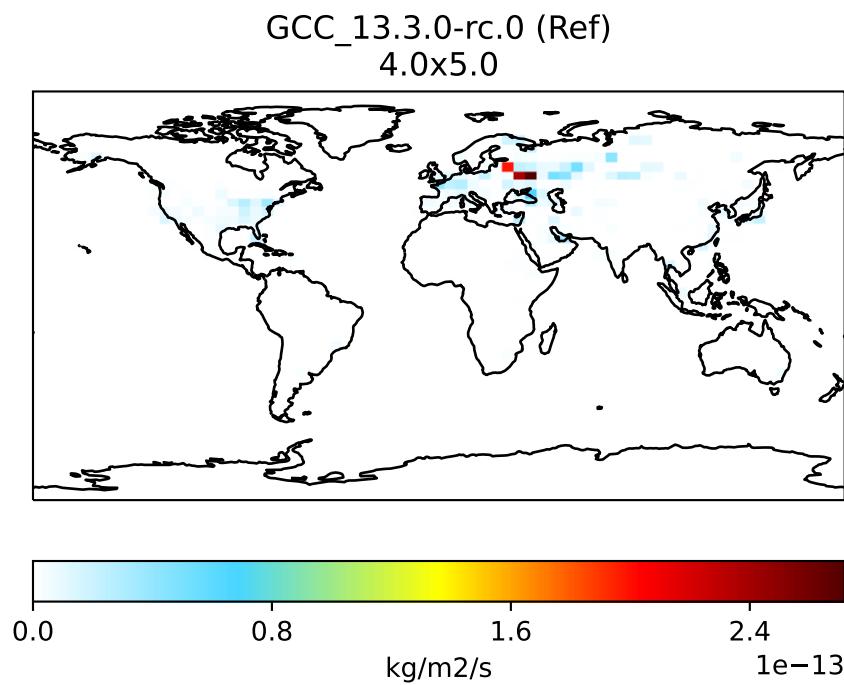
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

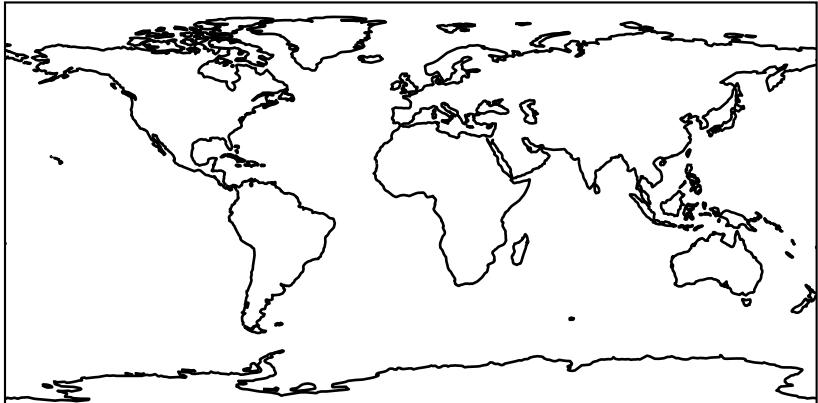


EmisRCHO_Aircraft (Apr2019)



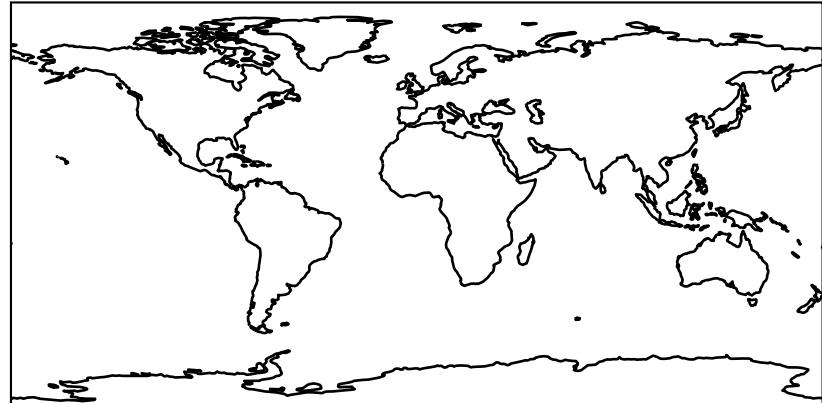
EmisRCHO_Anthro (Apr2019)

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



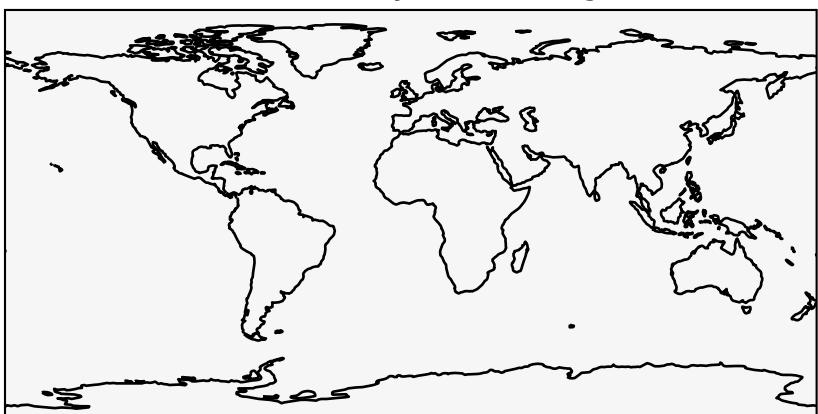
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



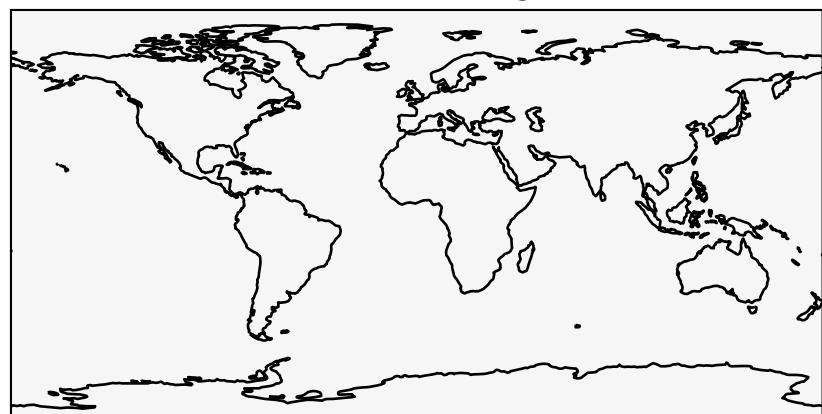
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



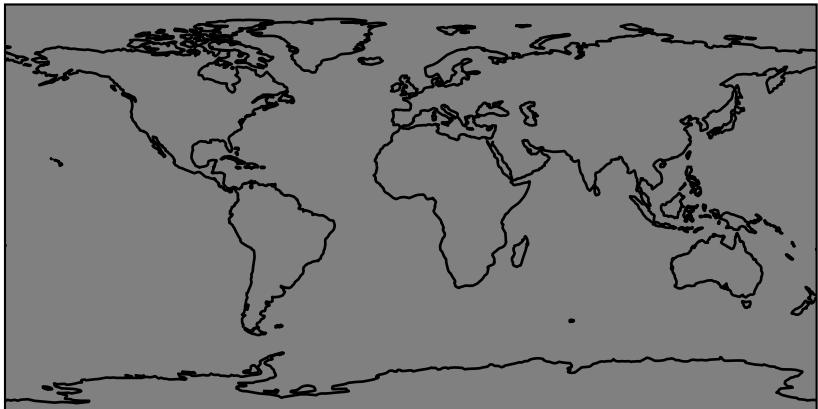
Zero throughout domain
kg/m²/s

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



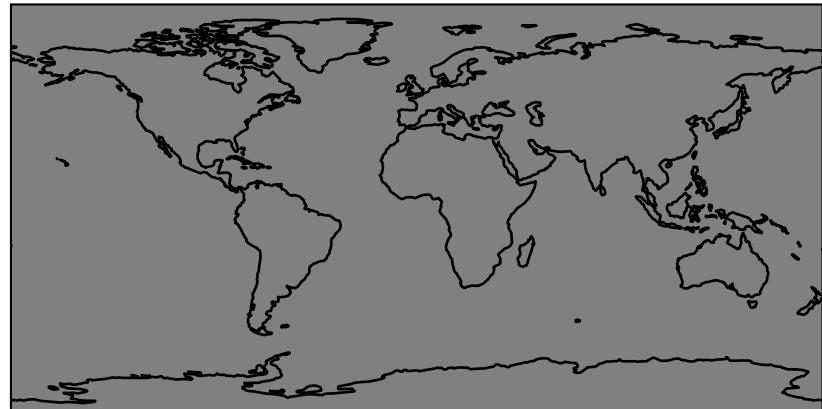
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

EmisRCHO_Total (Apr2019)

