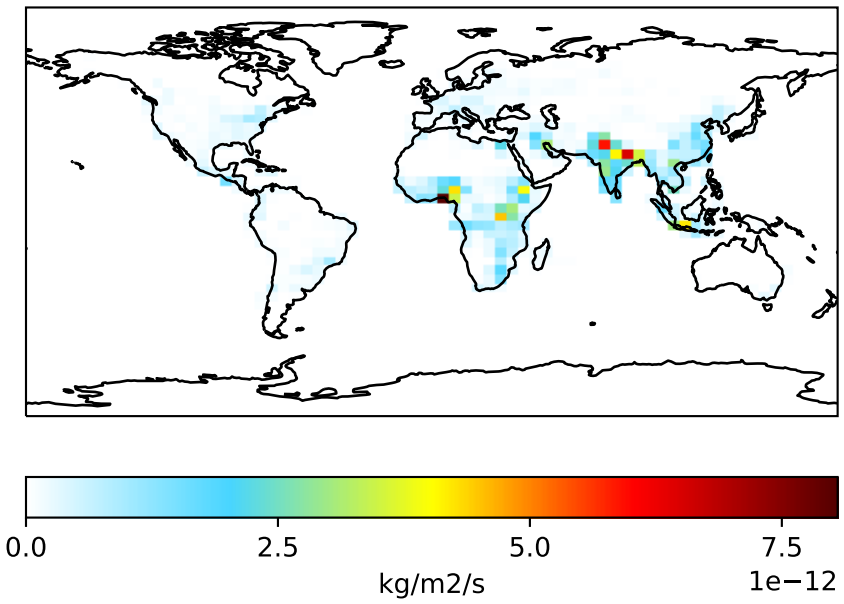
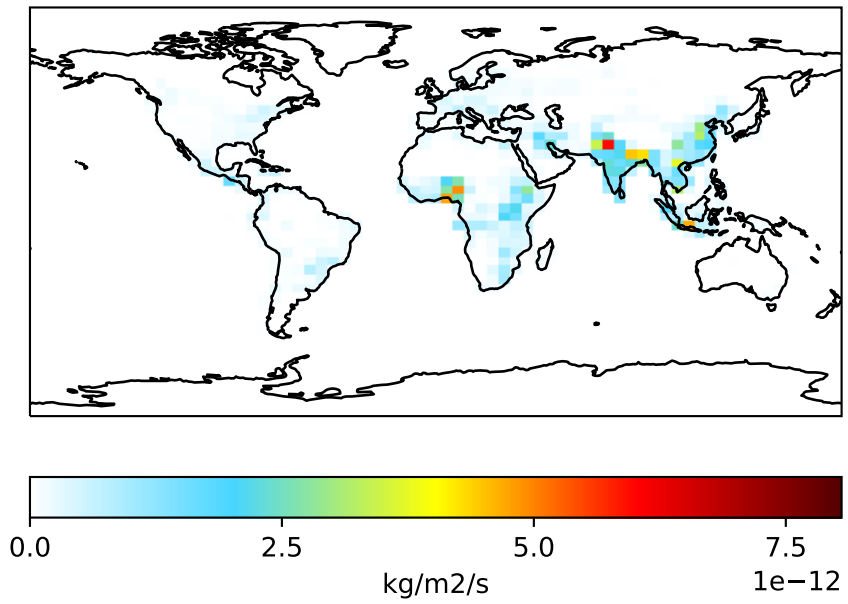
EmisALD2_Anthro (Apr2019)

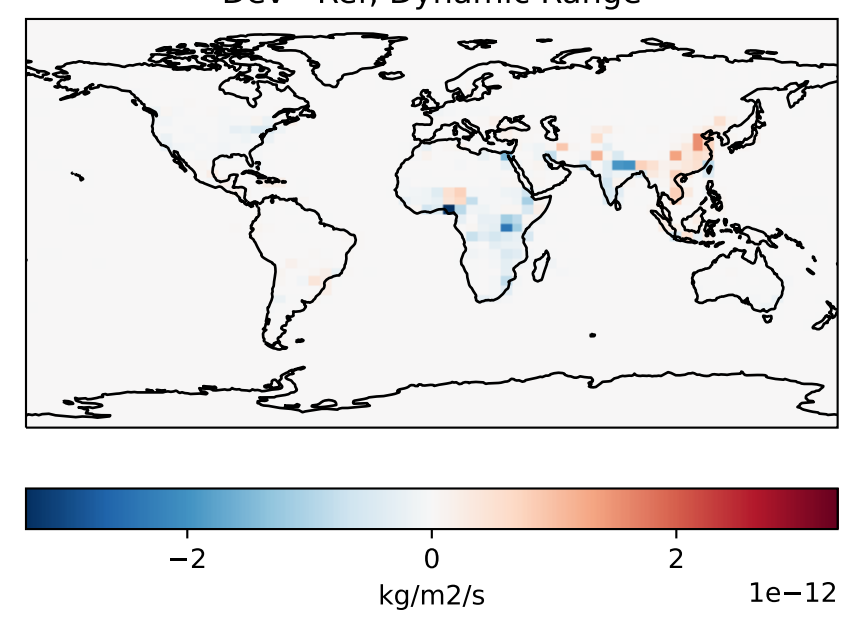
GCC_13.0.0 (Ref)
4.0x5.0



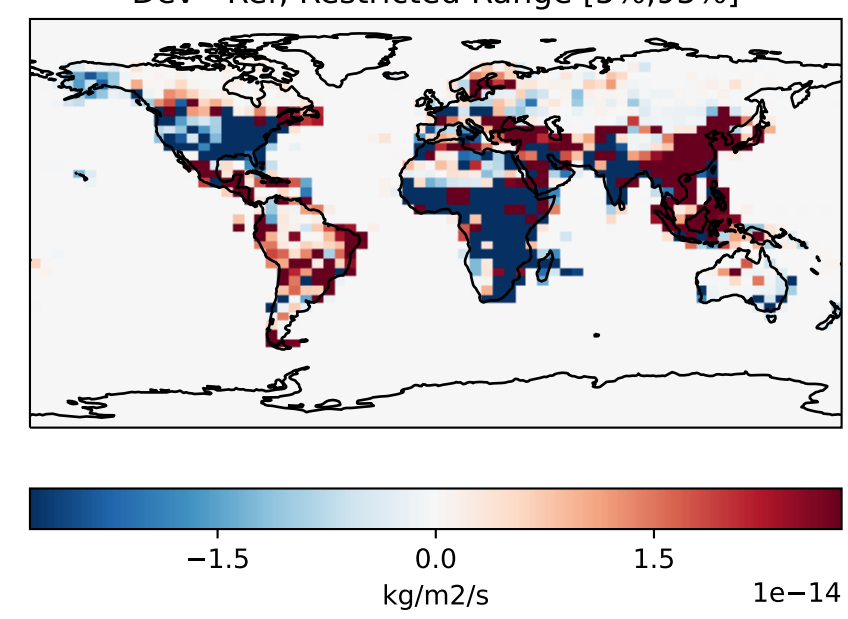
GCC_14.0.0 (Dev)
4.0x5.0



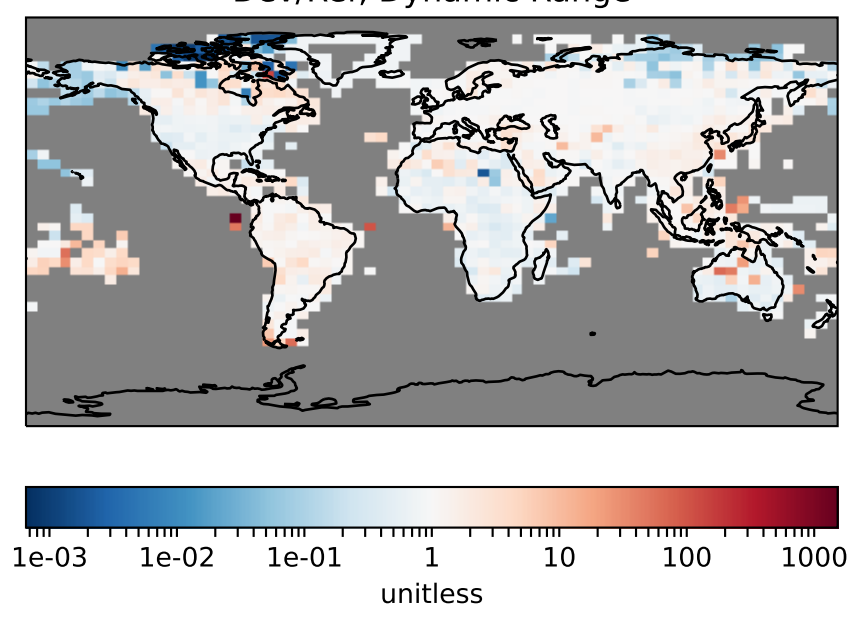
Difference
Dev - Ref, Dynamic Range



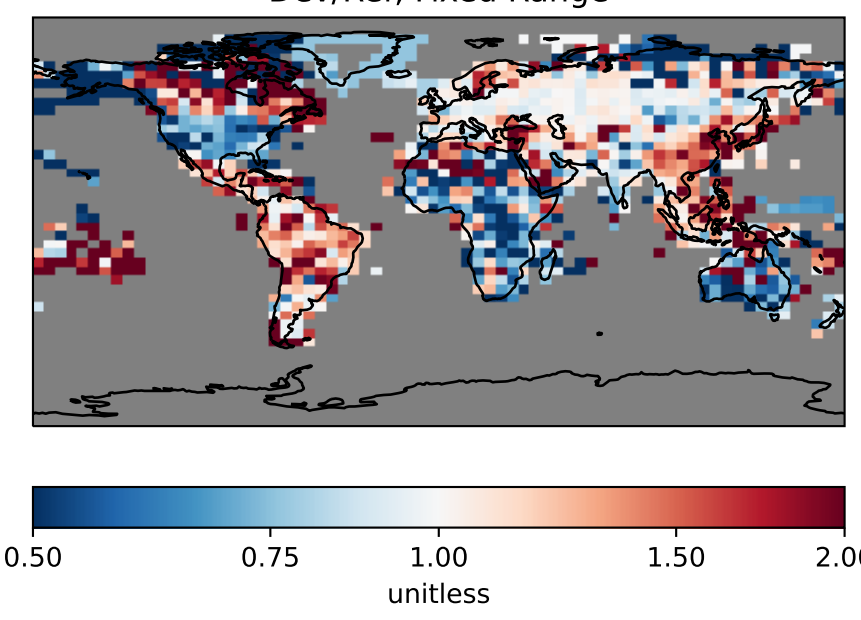
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

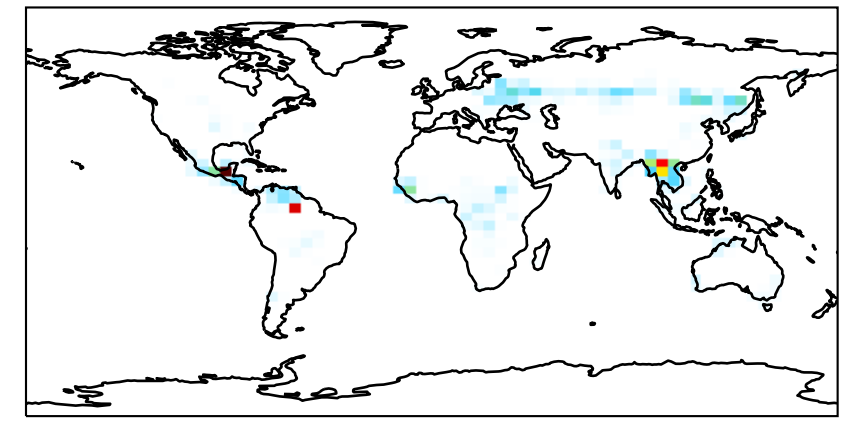


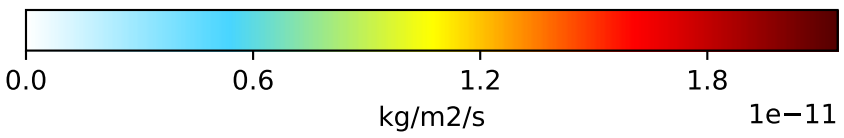
Ratio
Dev/Ref, Fixed Range



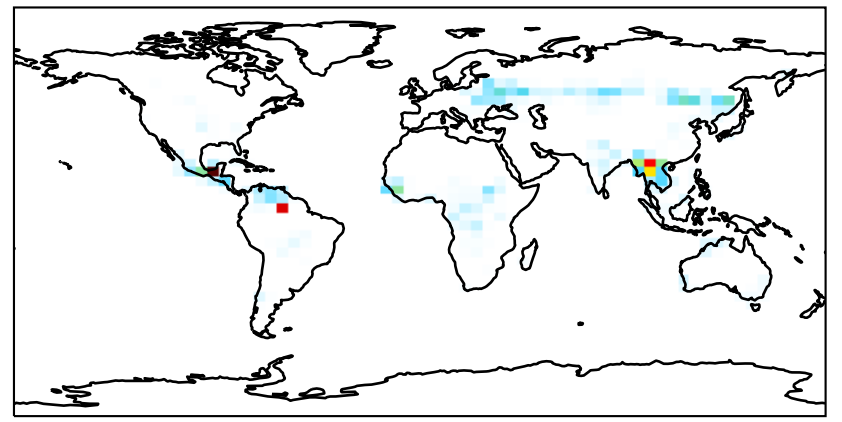
EmisALD2_BioBurn (Apr2019)

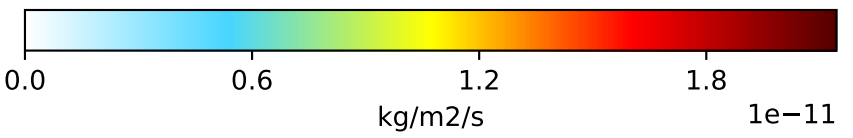
GCC_13.0.0 (Ref)
4.0x5.0



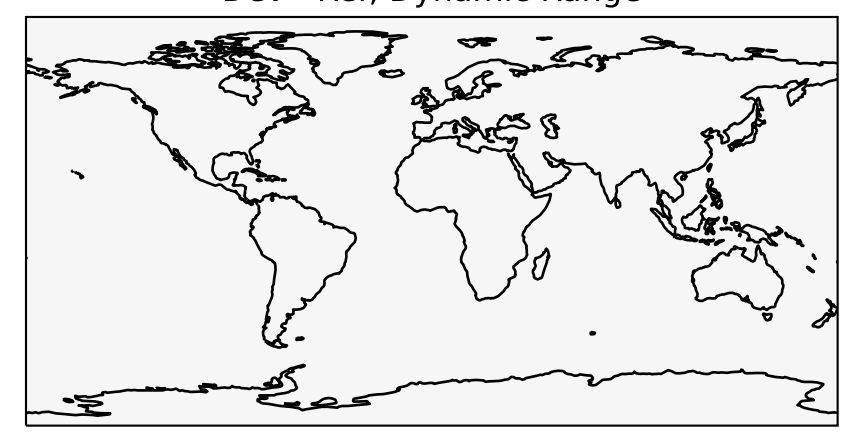


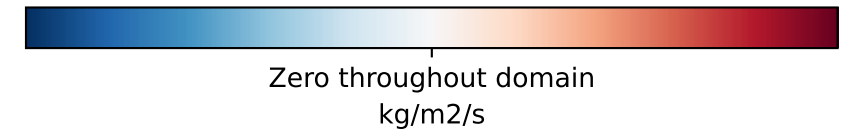
GCC_14.0.0 (Dev)
4.0x5.0



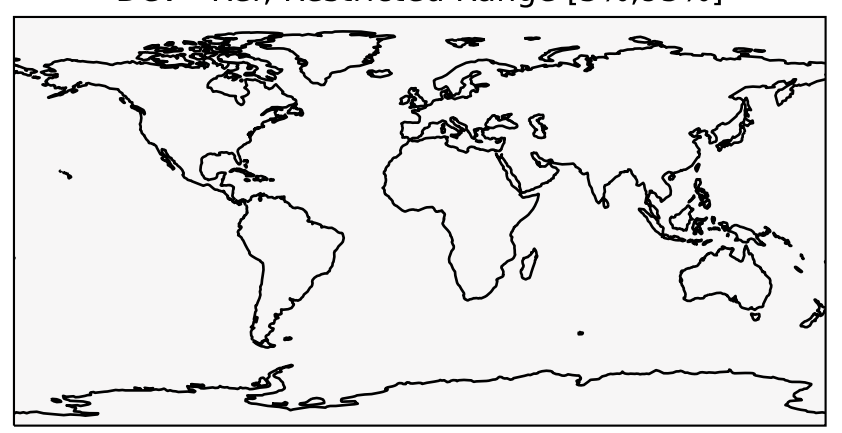


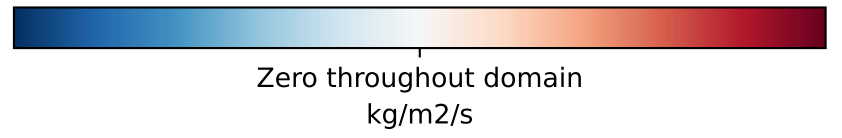
Difference
Dev - Ref, Dynamic Range



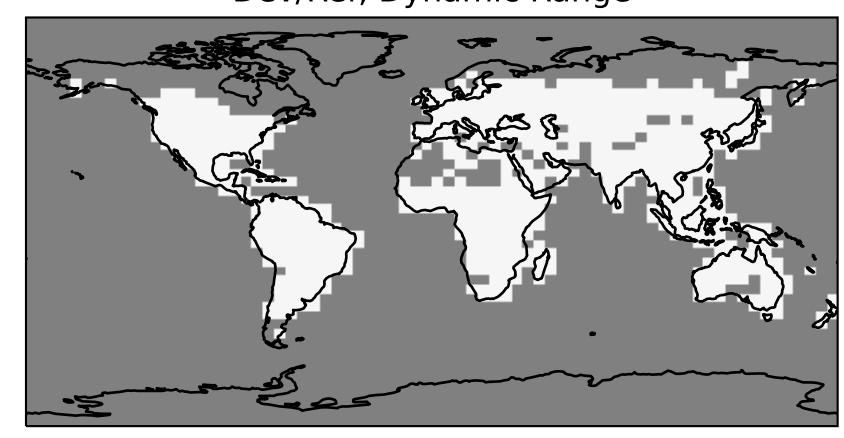


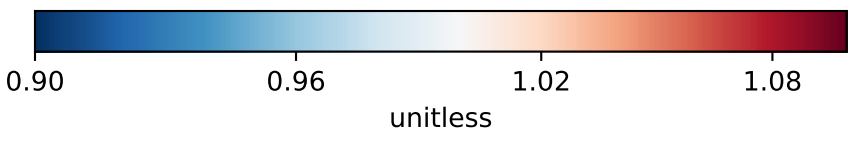
Difference
Dev - Ref, Restricted Range [5%,95%]



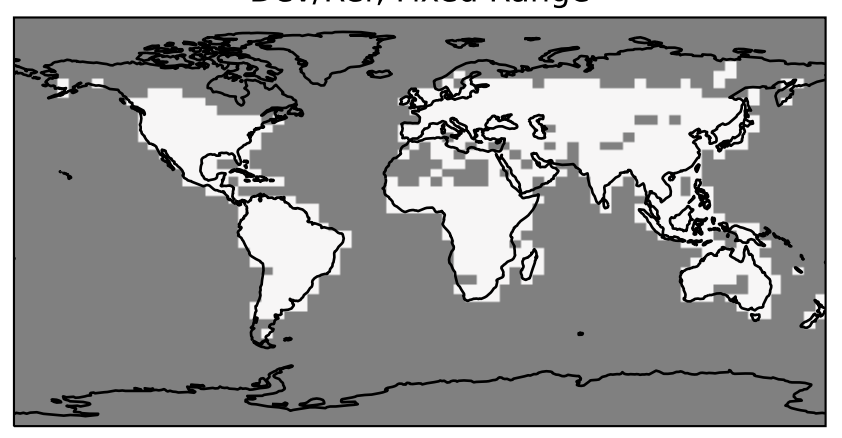


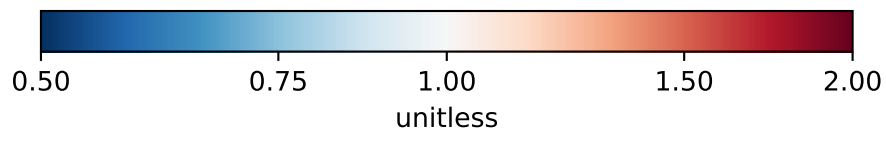
Ratio
Dev/Ref, Dynamic Range





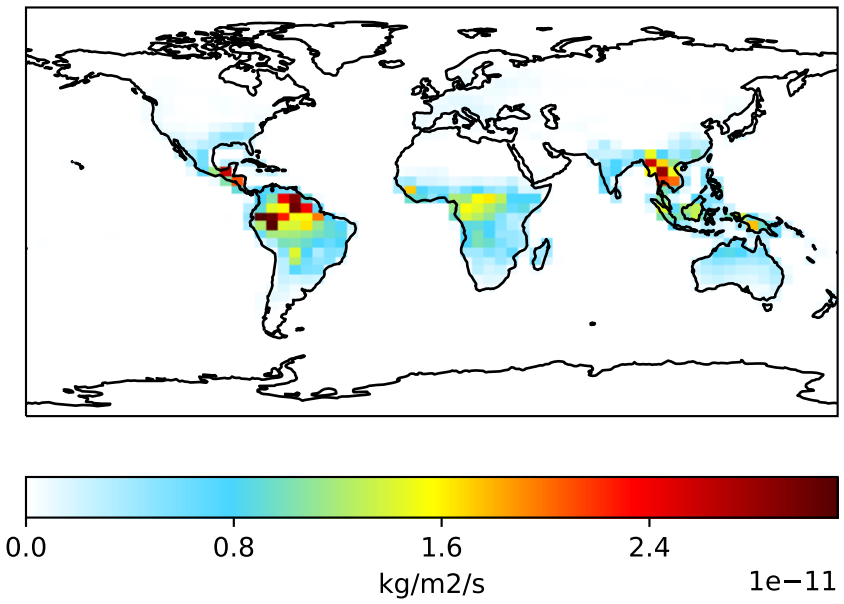
Ratio
Dev/Ref, Fixed Range



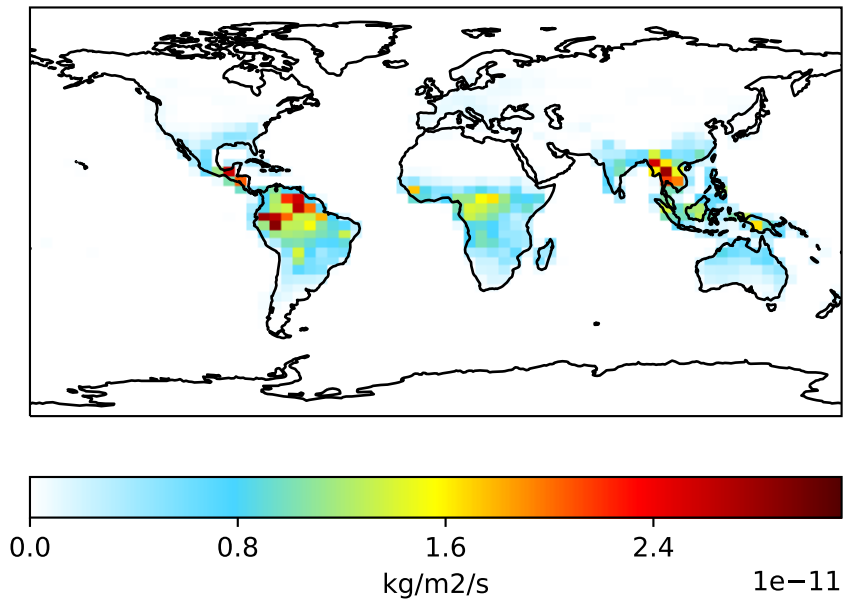


EmisALD2_Biogenic (Apr2019)

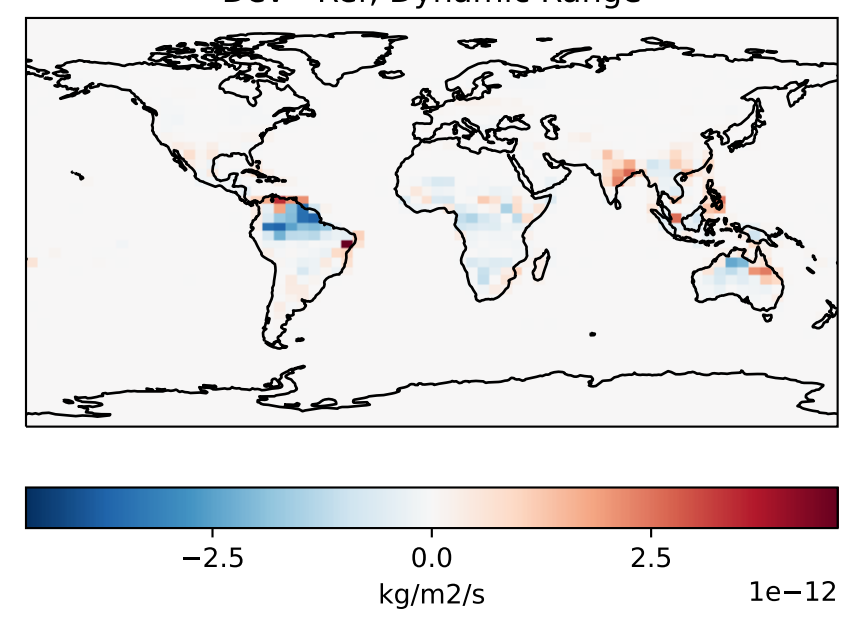
GCC_13.0.0 (Ref)
4.0x5.0



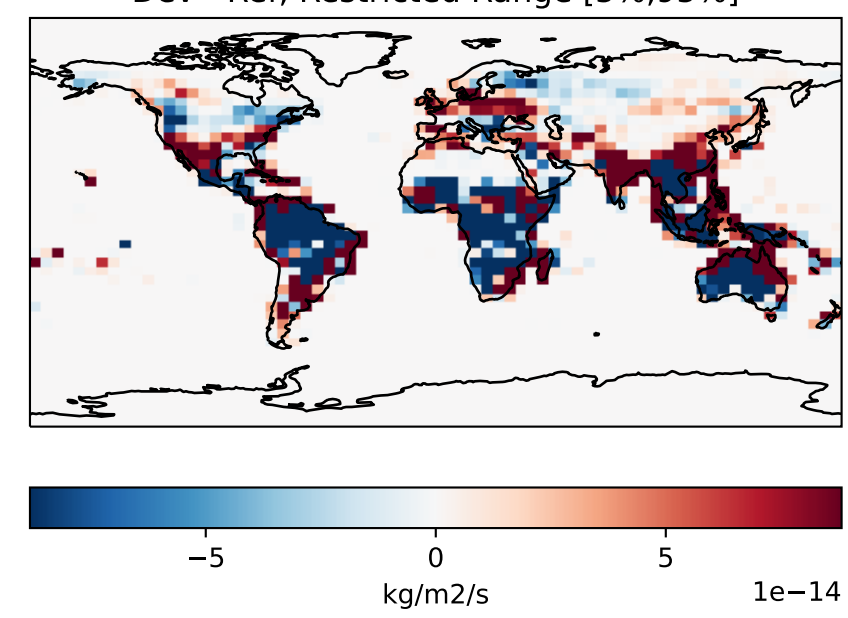
GCC_14.0.0 (Dev)
4.0x5.0



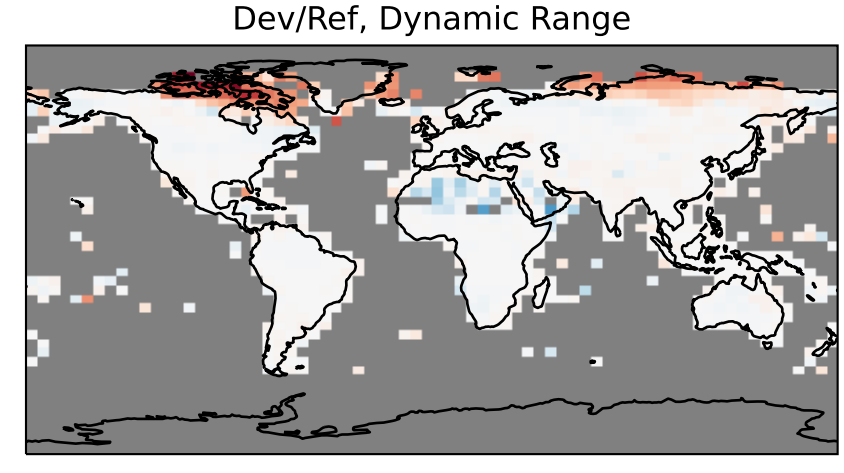
Difference
Dev - Ref, Dynamic Range



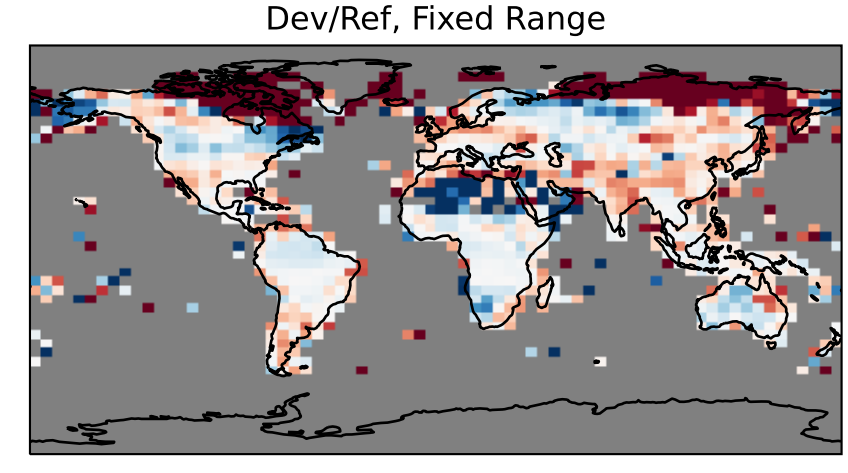
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

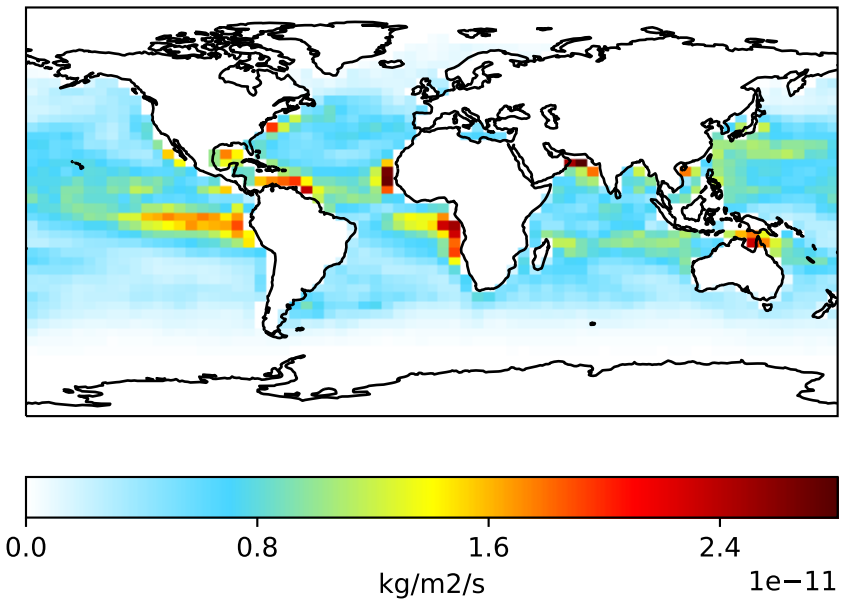


Ratio
Dev/Ref, Fixed Range

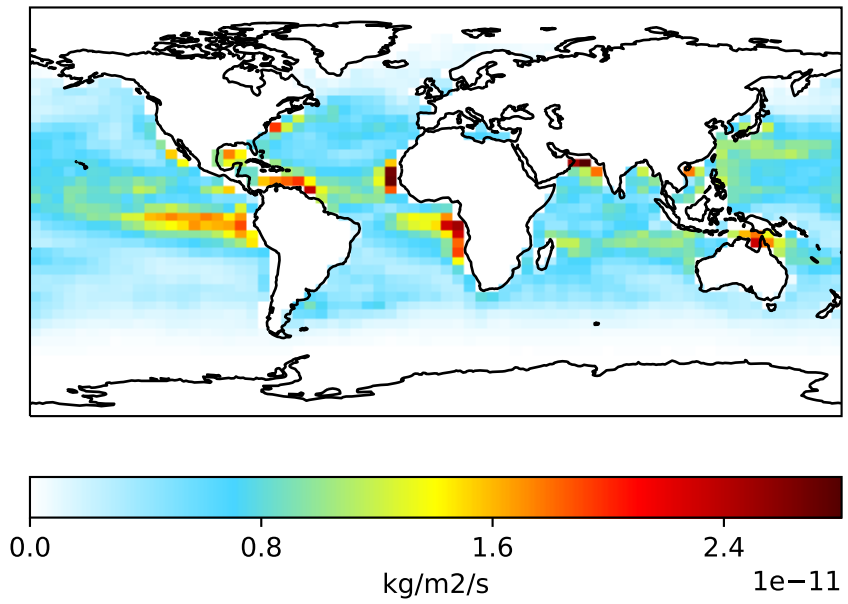


EmisALD2_Ocean (Apr2019)

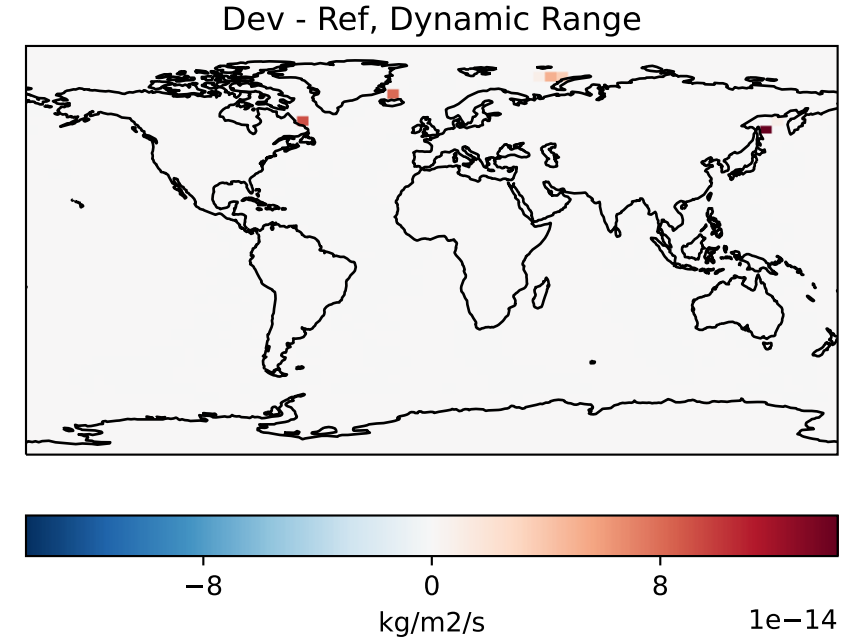
GCC_13.0.0 (Ref)
4.0x5.0



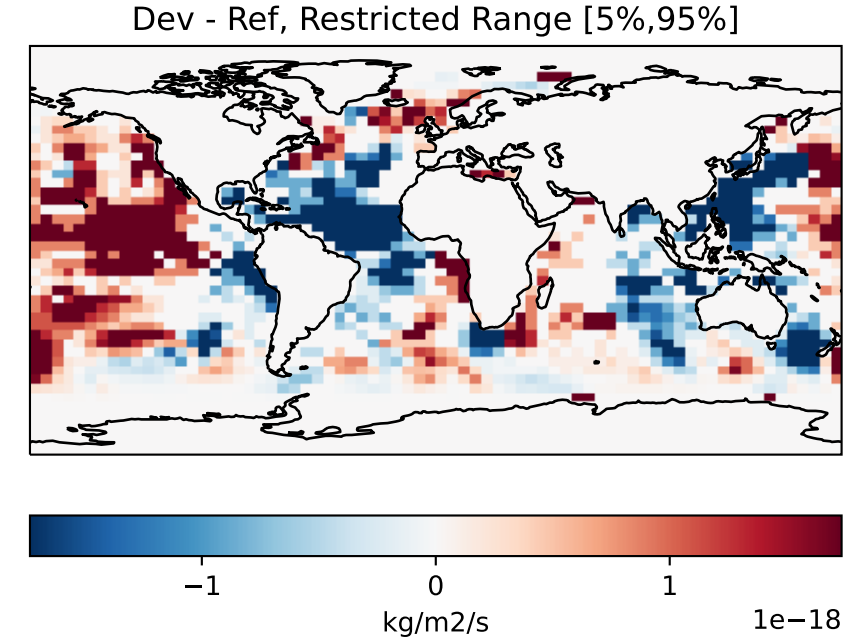
GCC_14.0.0 (Dev)
4.0x5.0



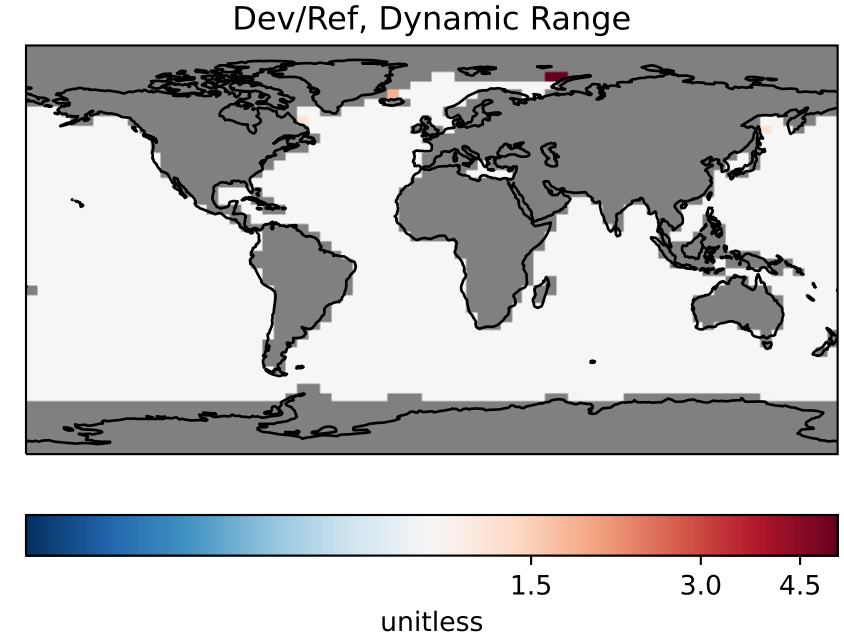
Difference
Dev - Ref, Dynamic Range



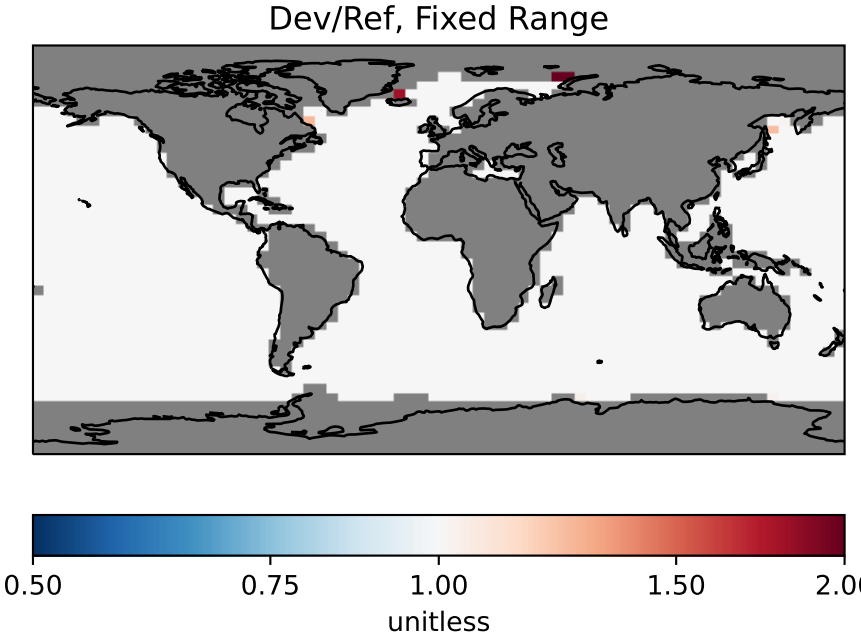
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

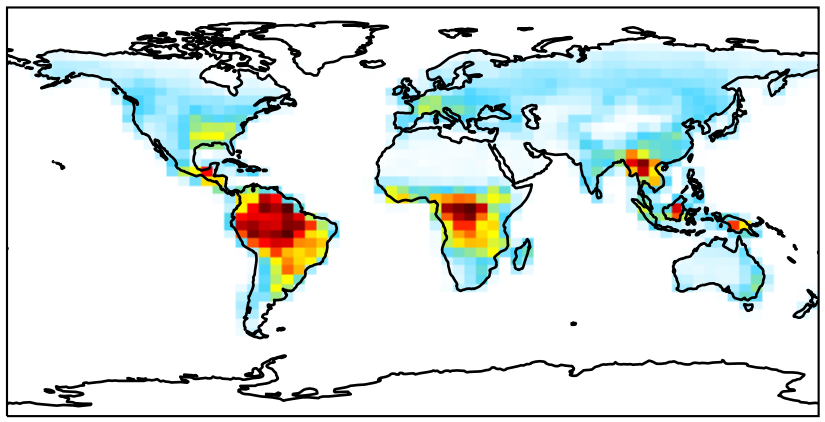


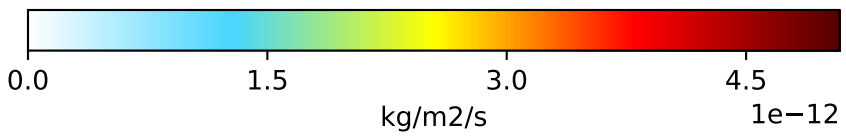
Ratio
Dev/Ref, Fixed Range



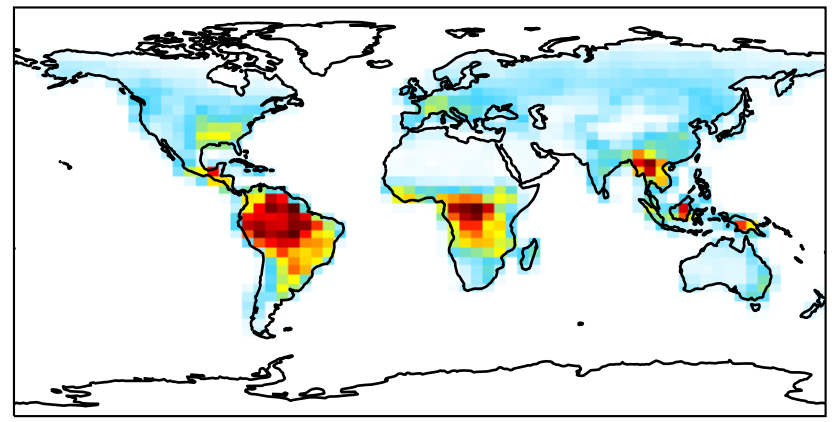
EmisALD2_PlantDecay (Apr2019)

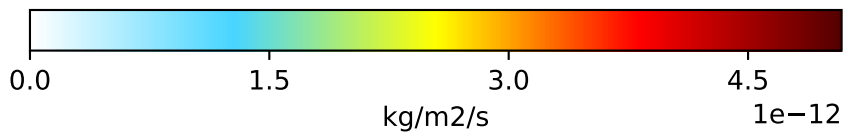
GCC_13.0.0 (Ref)
4.0x5.0



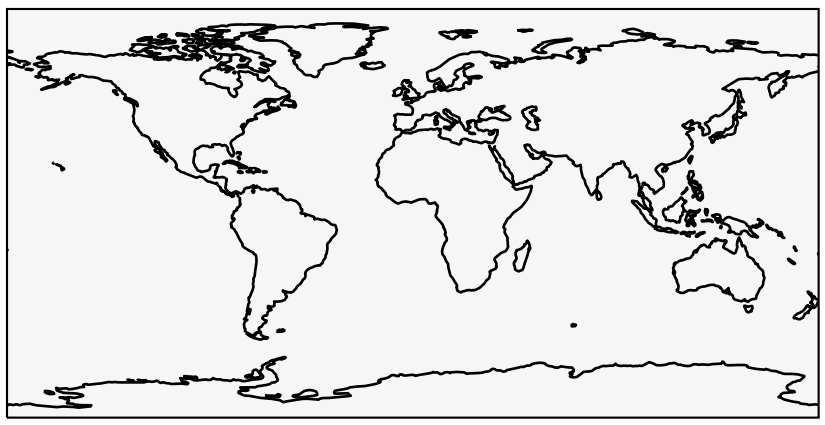


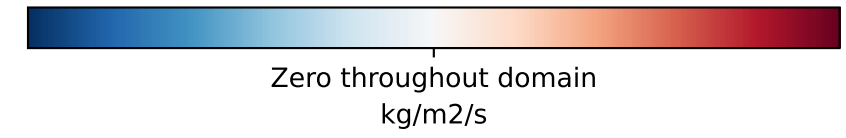
GCC_14.0.0 (Dev)
4.0x5.0



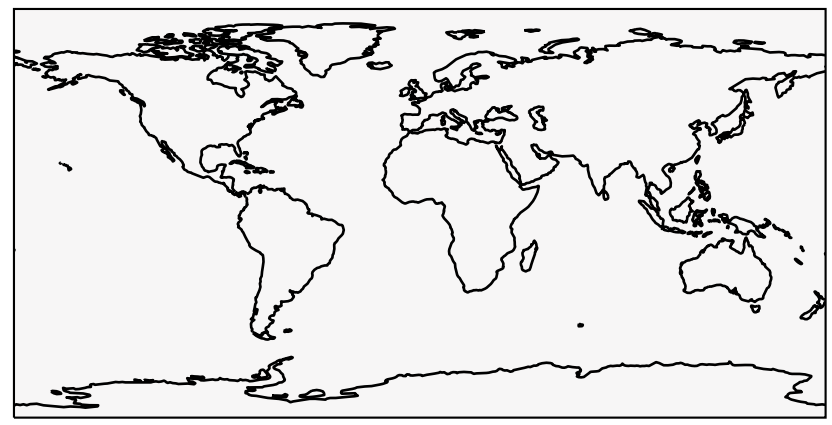


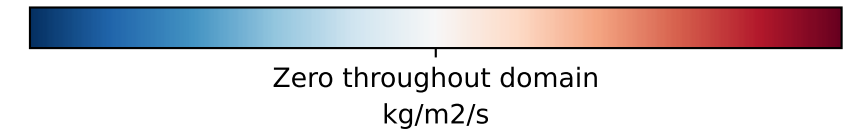
Difference
Dev - Ref, Dynamic Range



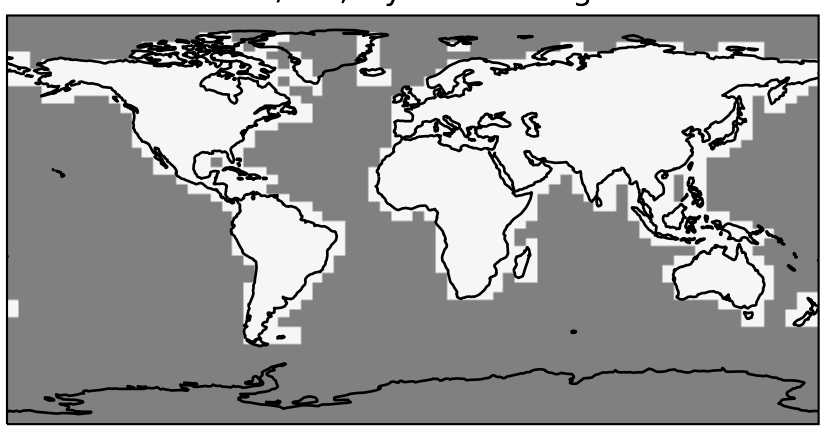


Difference
Dev - Ref, Restricted Range [5%,95%]

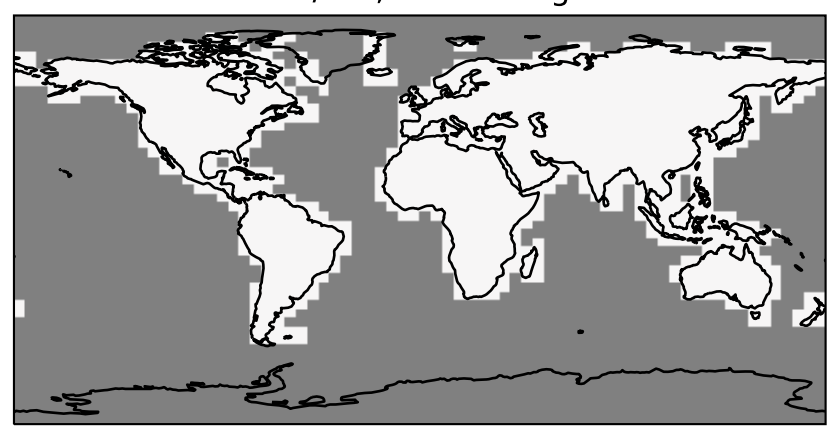


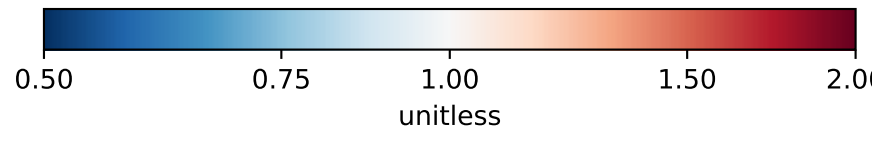


Ratio
Dev/Ref, Dynamic Range



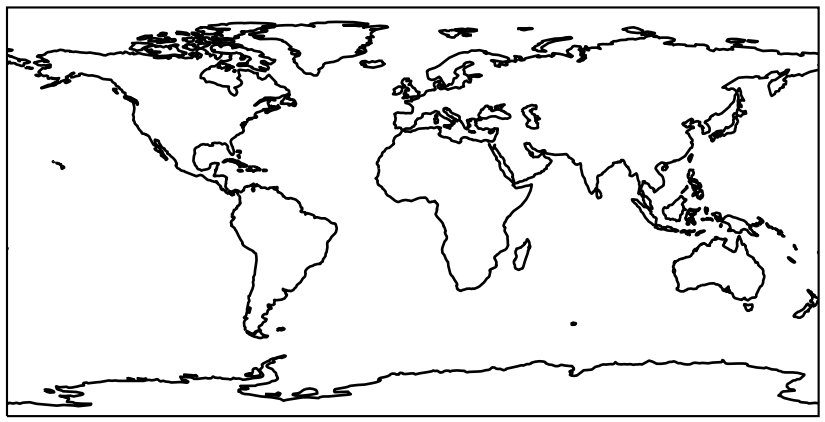
Ratio
Dev/Ref, Fixed Range





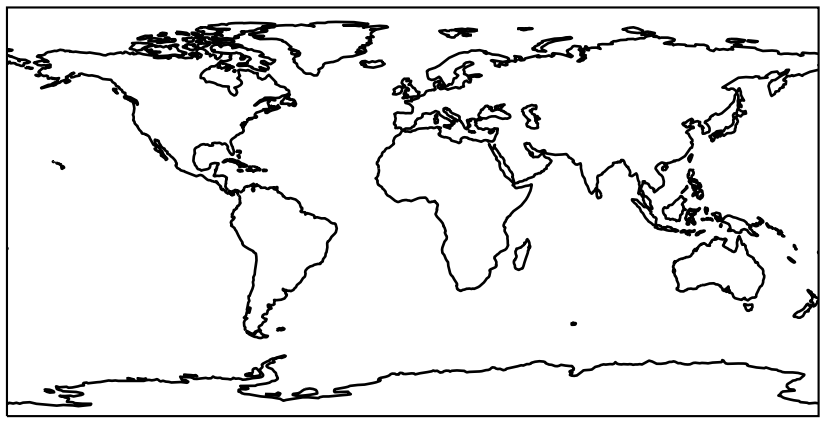
EmisALD2_Ship (Apr2019)

GCC_13.0.0 (Ref)
4.0x5.0



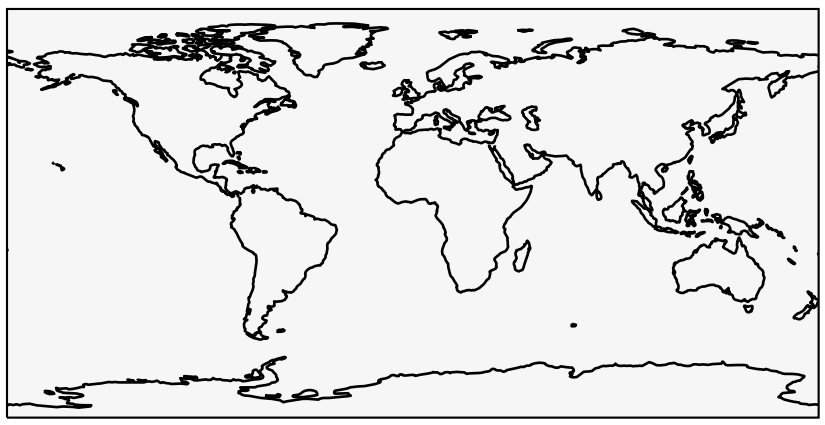
Zero throughout domain
kg/m2/s

GCC_14.0.0 (Dev)
4.0x5.0



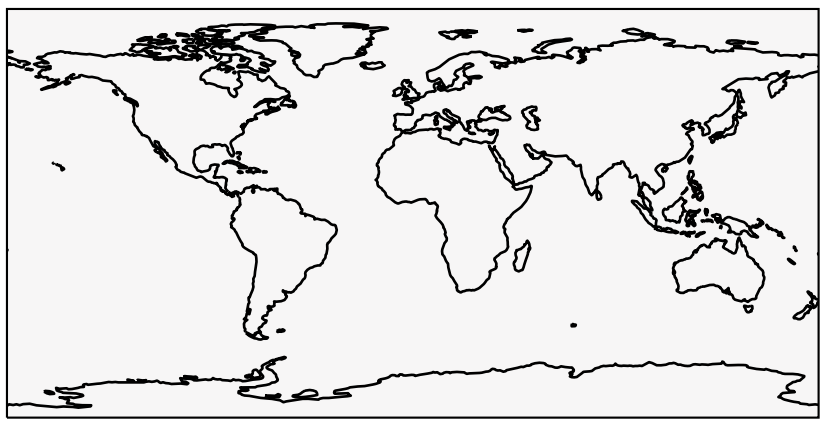
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



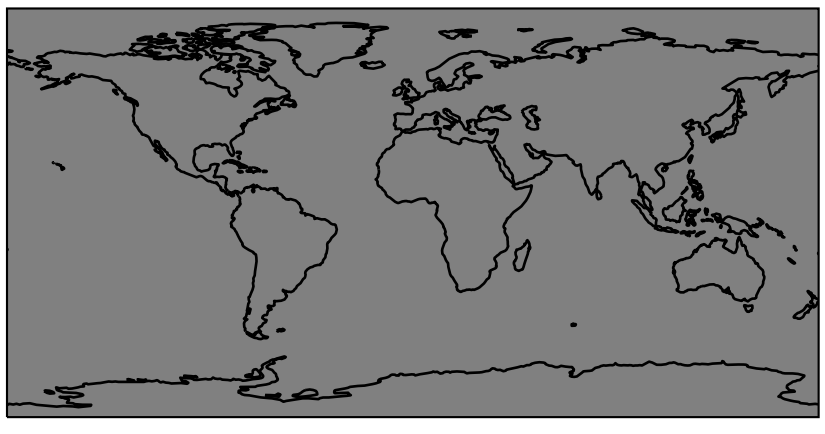
Zero throughout domain
kg/m2/s

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



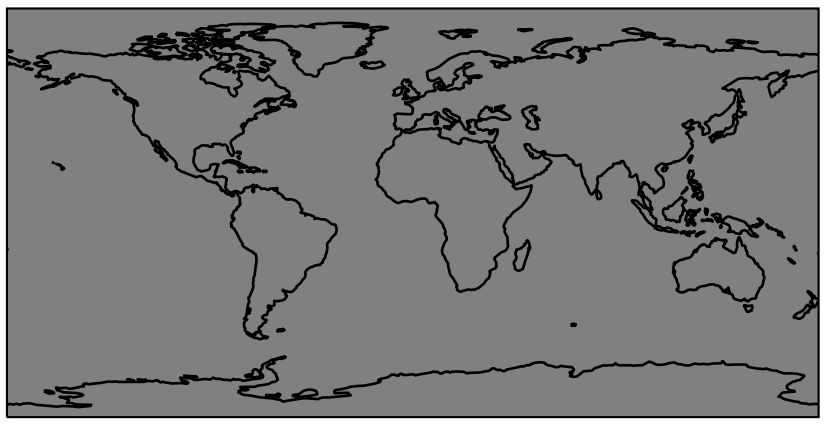
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

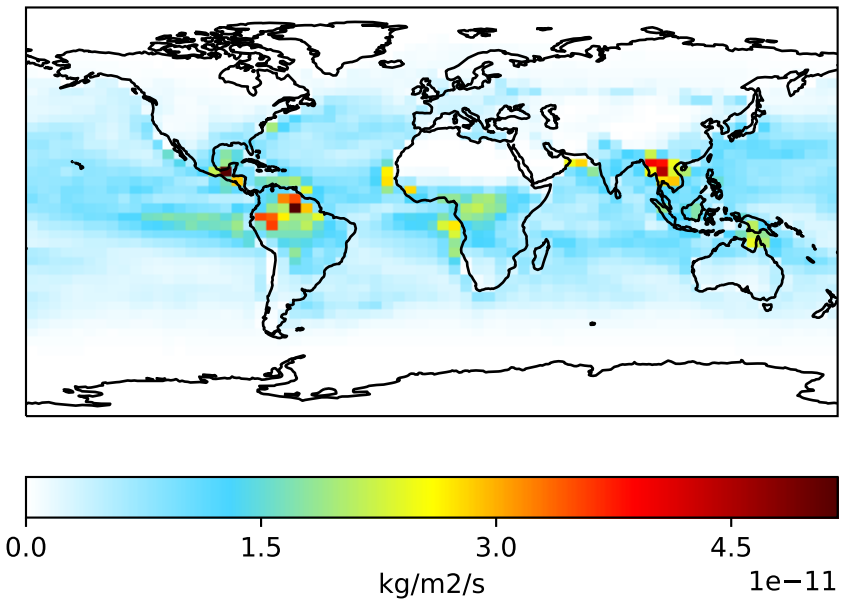
Ratio
Dev/Ref, Fixed Range



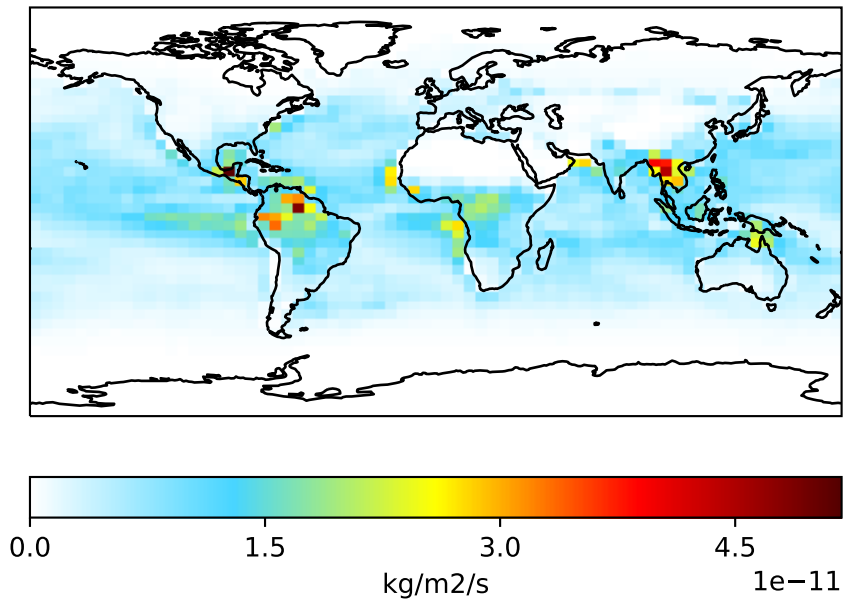
Undefined throughout domain
unitless

EmisALD2_Total (Apr2019)

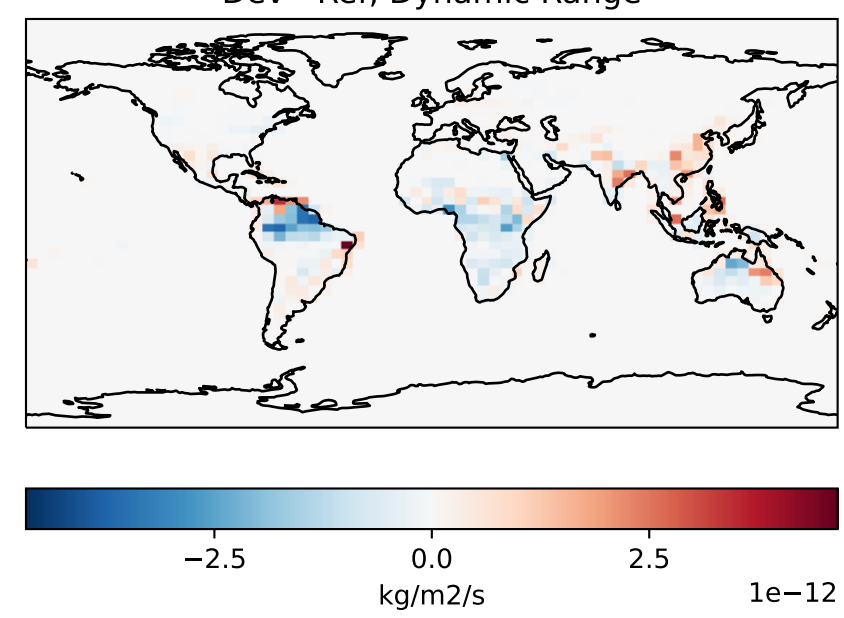
GCC_13.0.0 (Ref)
4.0x5.0



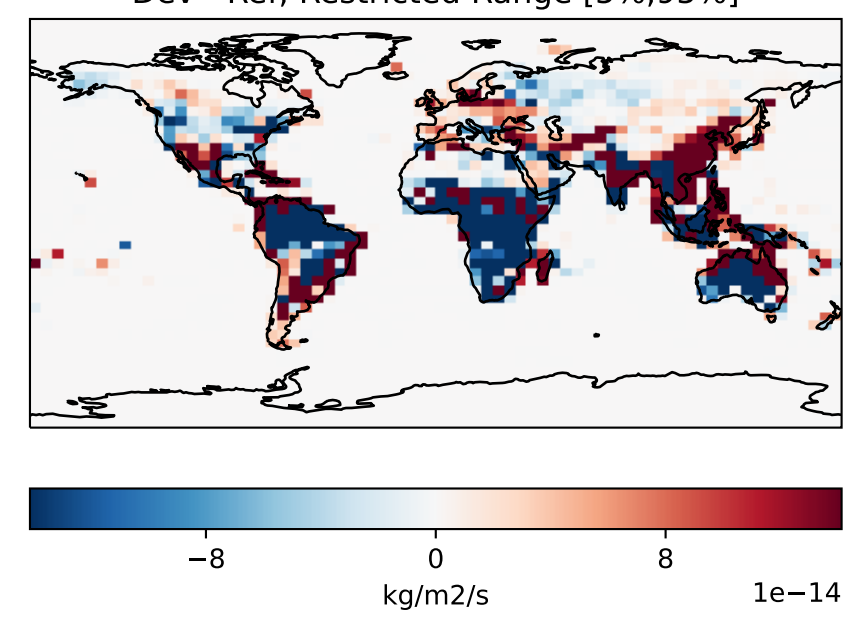
GCC_14.0.0 (Dev)
4.0x5.0



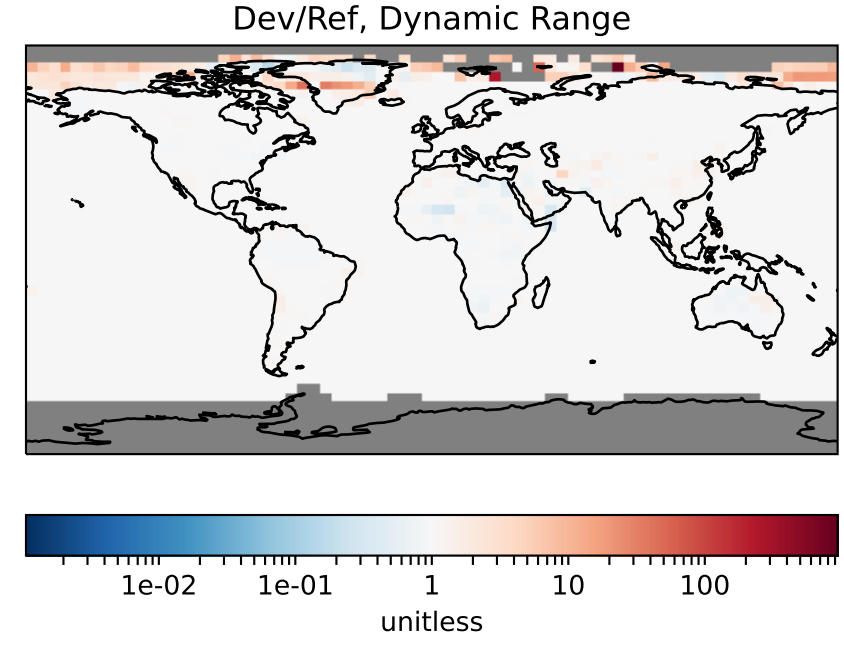
Difference
Dev - Ref, Dynamic Range



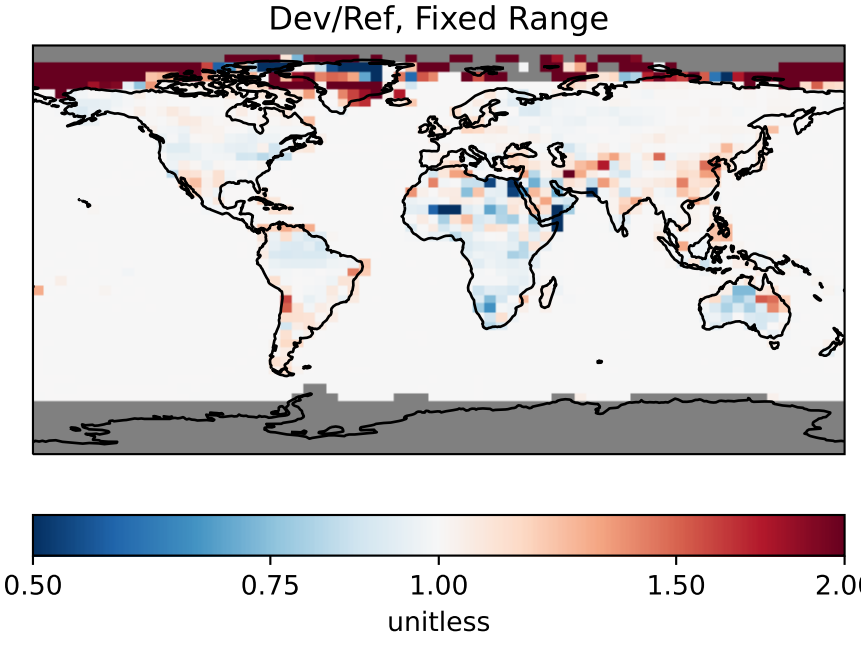
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

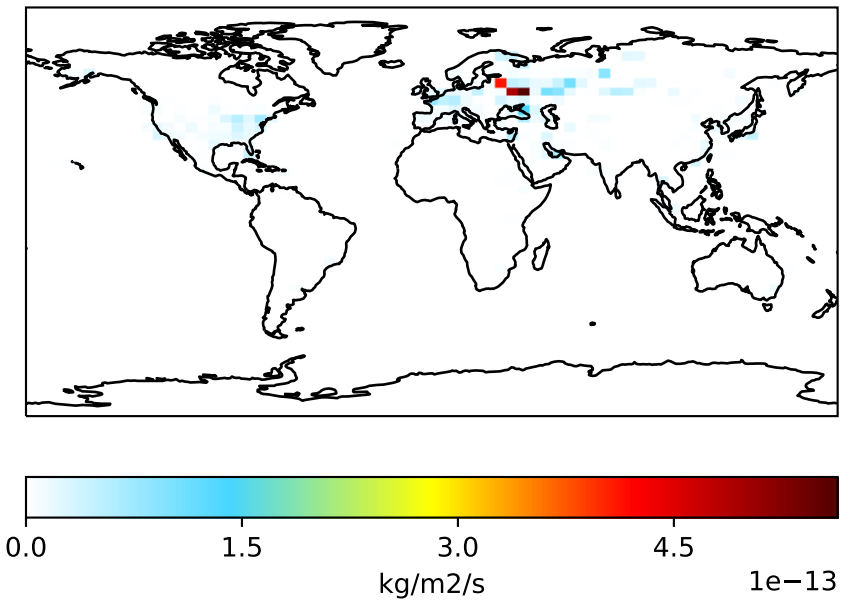


Ratio
Dev/Ref, Fixed Range

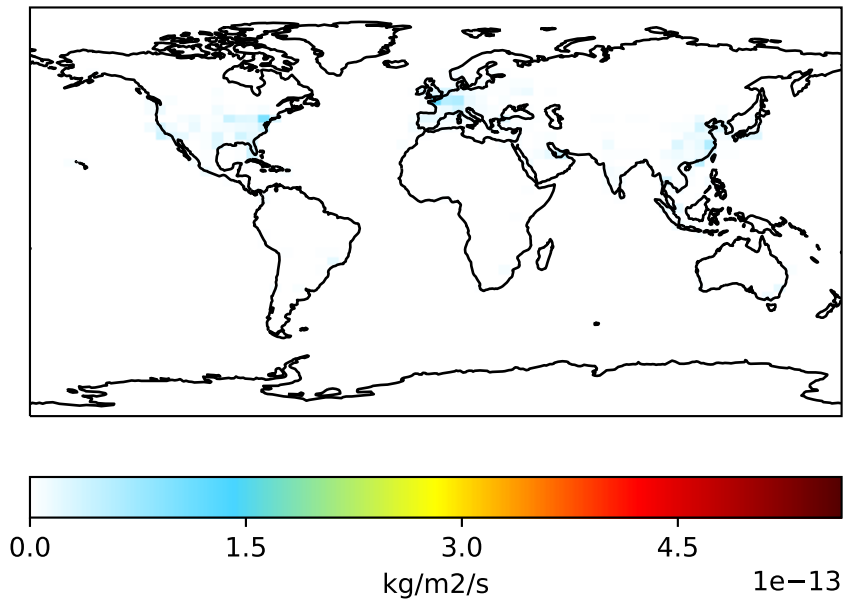


EmisCH2O_Aircraft (Apr2019)

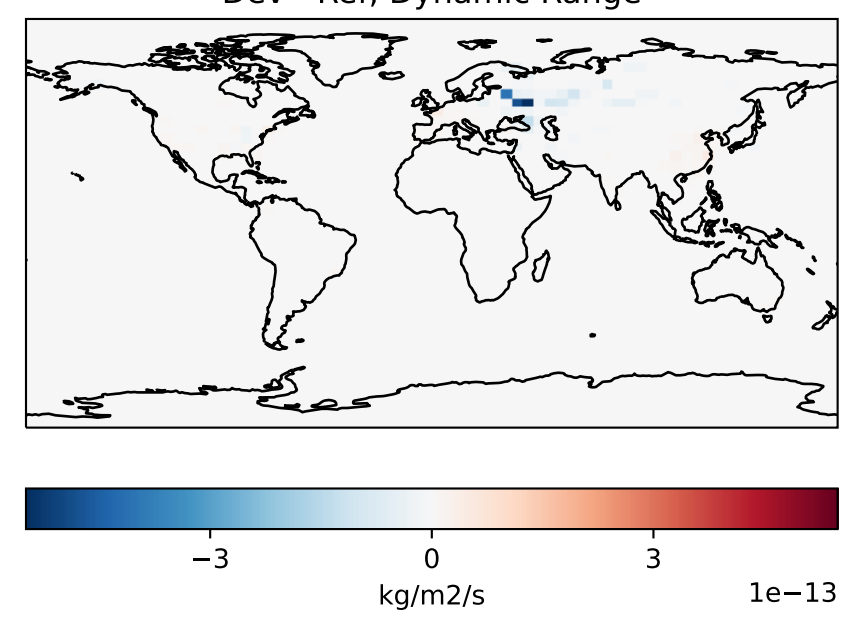
GCC_13.0.0 (Ref)
4.0x5.0



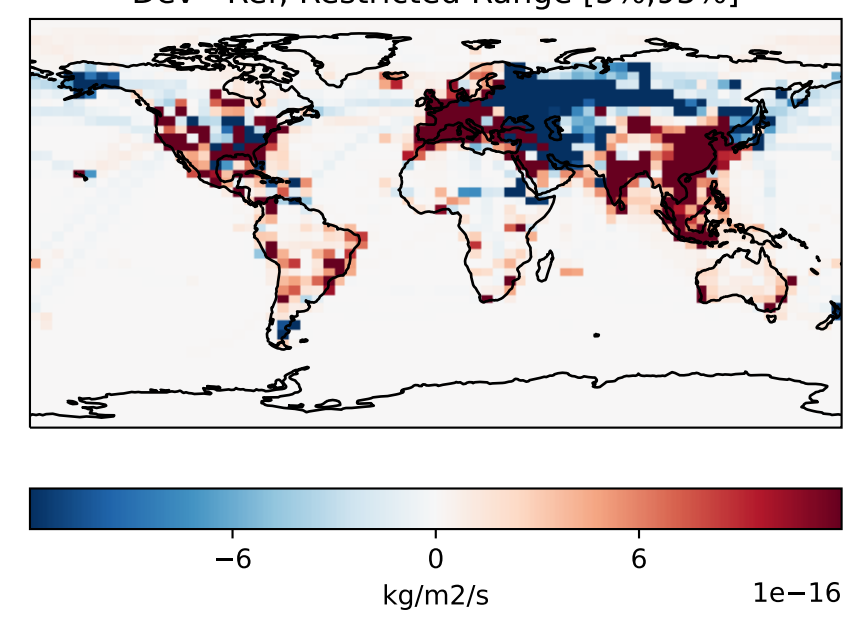
GCC_14.0.0 (Dev)
4.0x5.0



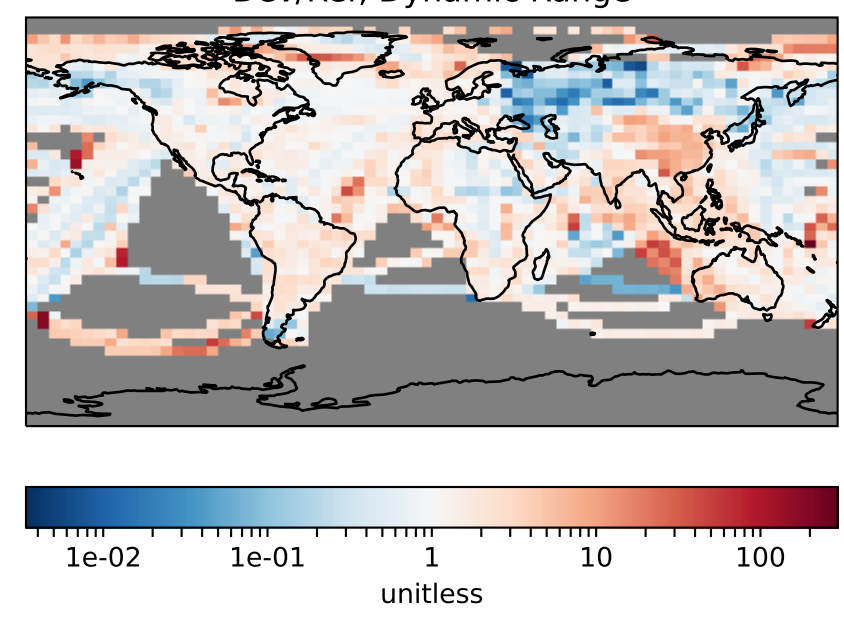
Difference
Dev - Ref, Dynamic Range



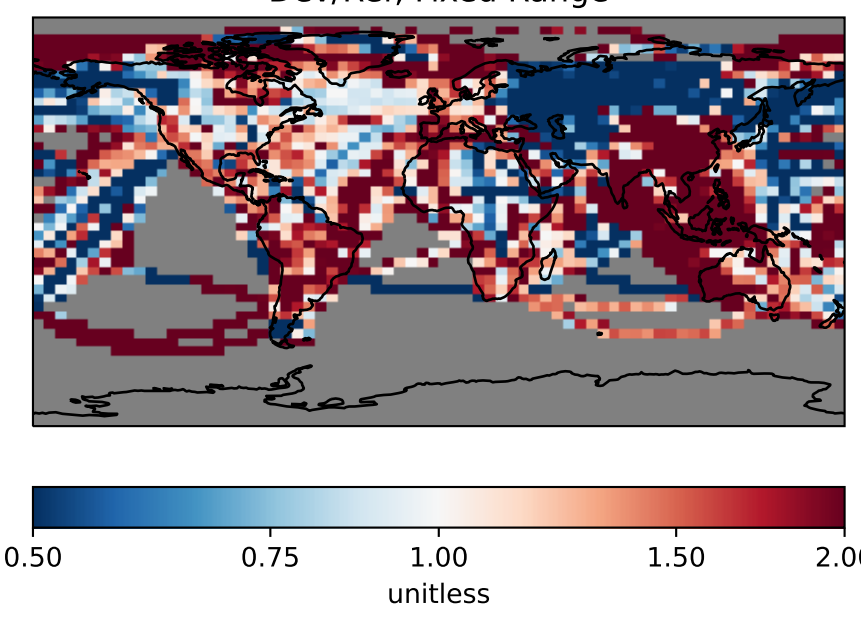
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

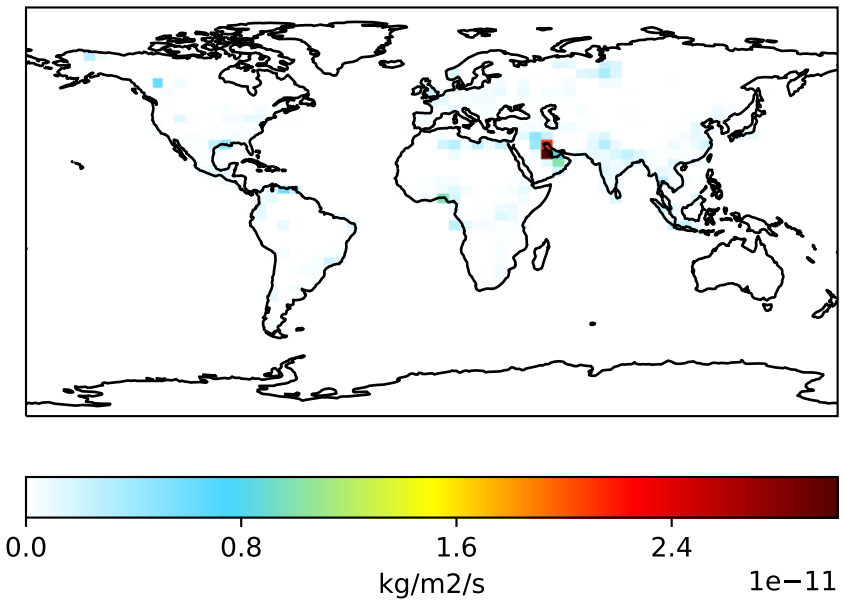


Ratio
Dev/Ref, Fixed Range

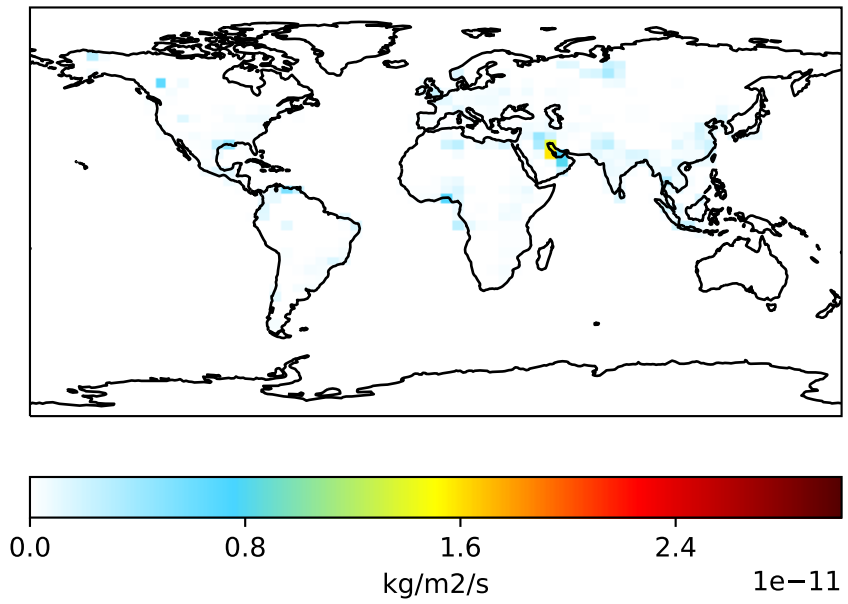


EmisCH2O_Anthro (Apr2019)

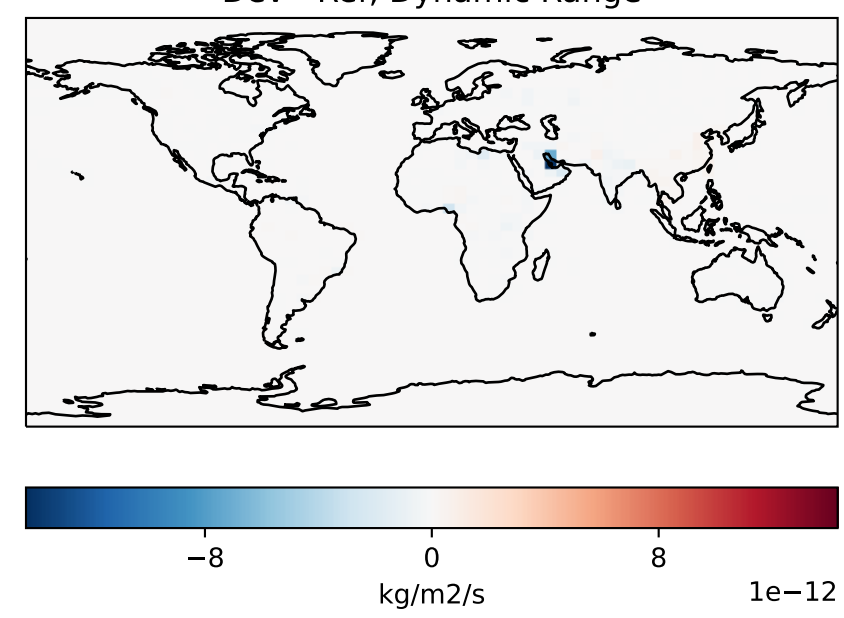
GCC_13.0.0 (Ref)
4.0x5.0



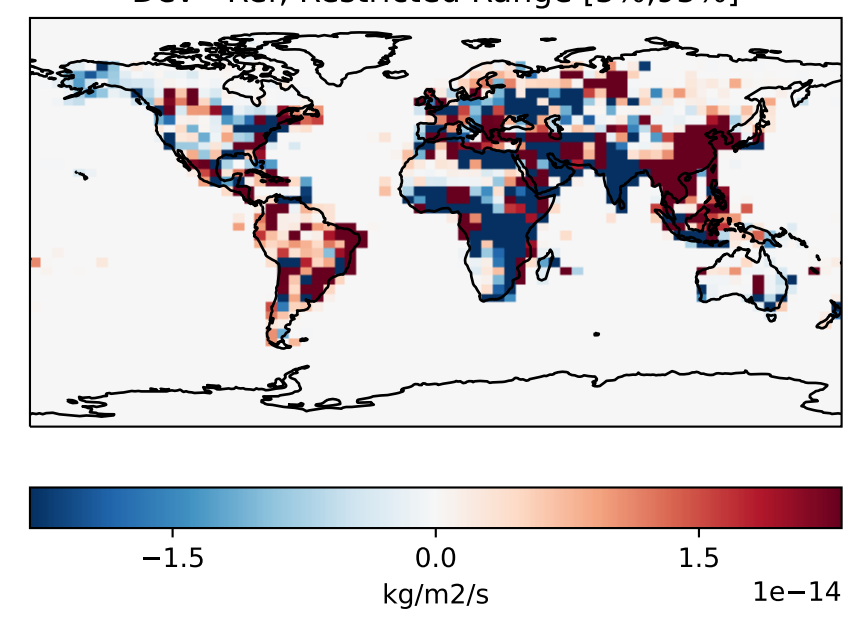
GCC_14.0.0 (Dev)
4.0x5.0



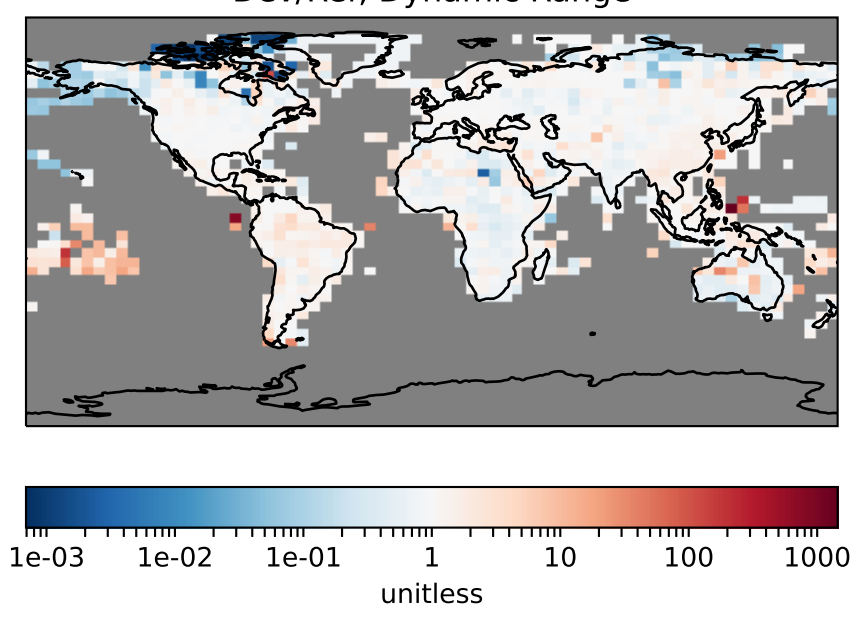
Difference
Dev - Ref, Dynamic Range



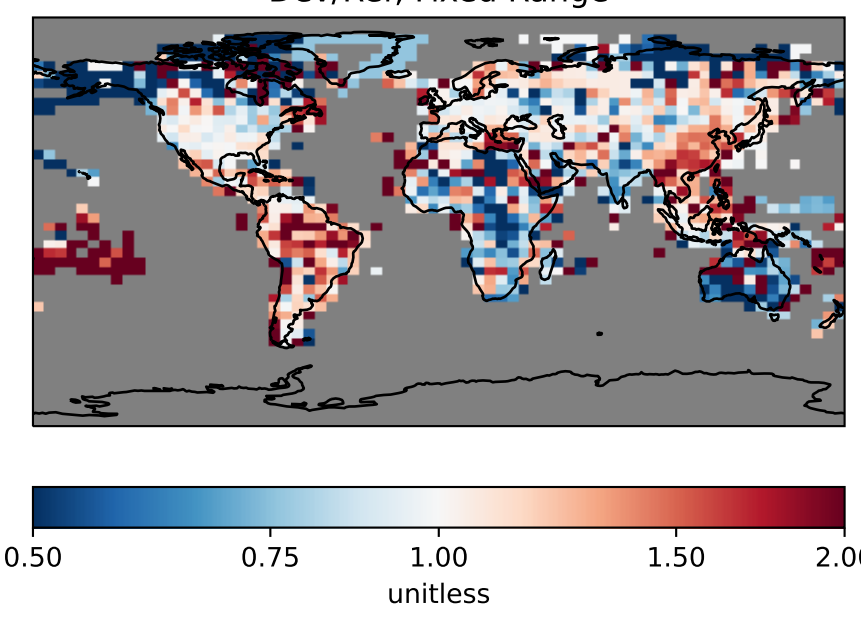
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

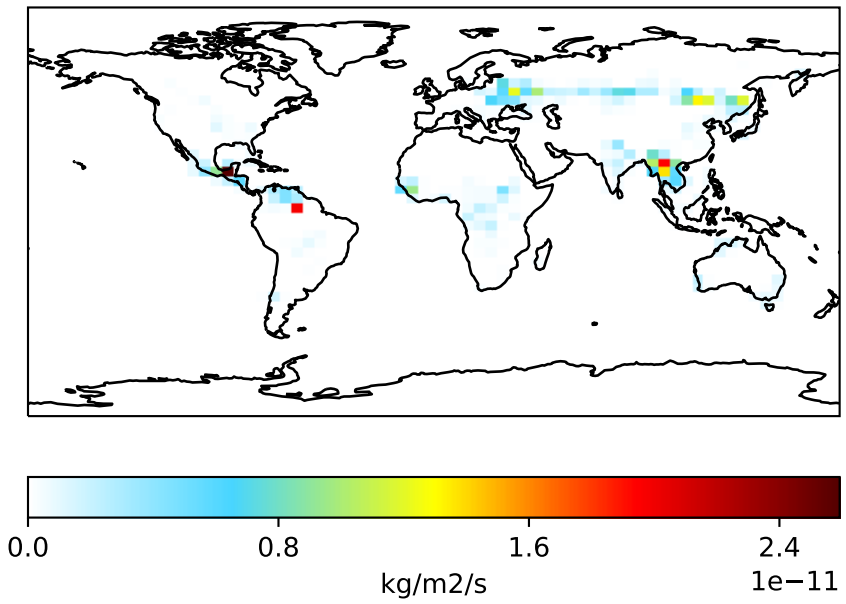


Ratio
Dev/Ref, Fixed Range

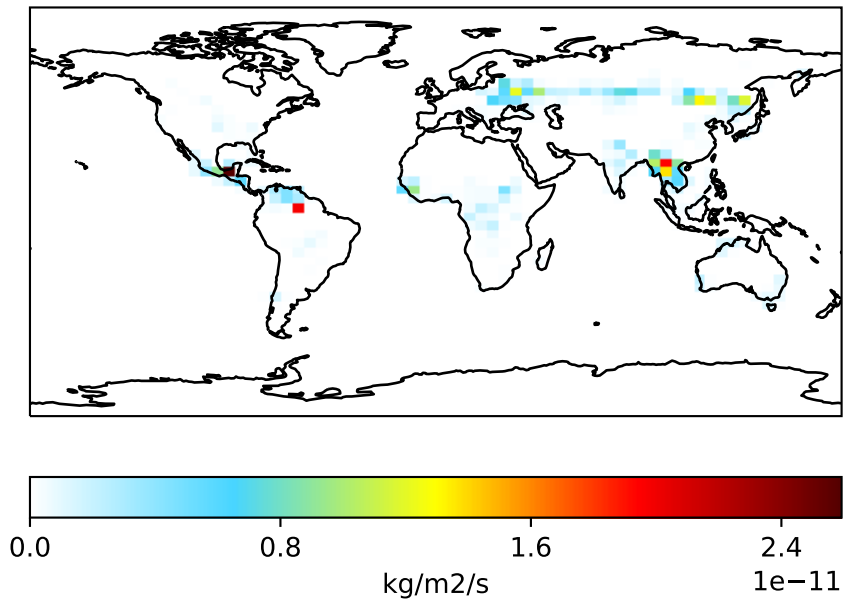


EmisCH2O_BioBurn (Apr2019)

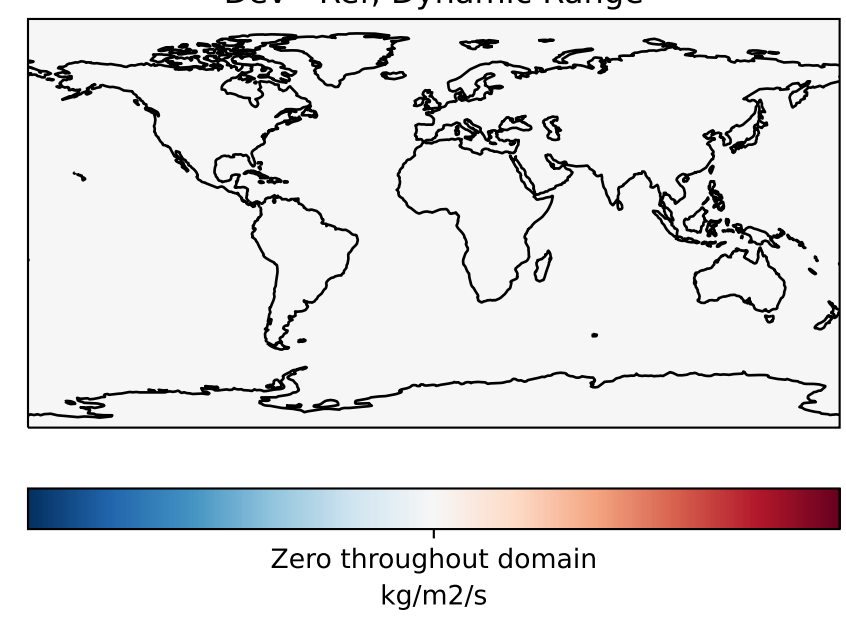
GCC_13.0.0 (Ref)
4.0x5.0



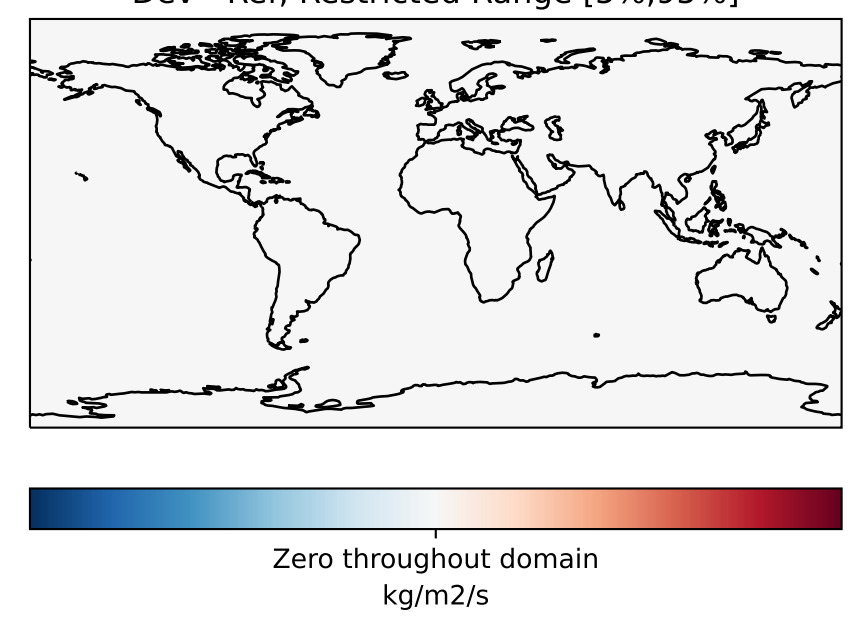
GCC_14.0.0 (Dev)
4.0x5.0



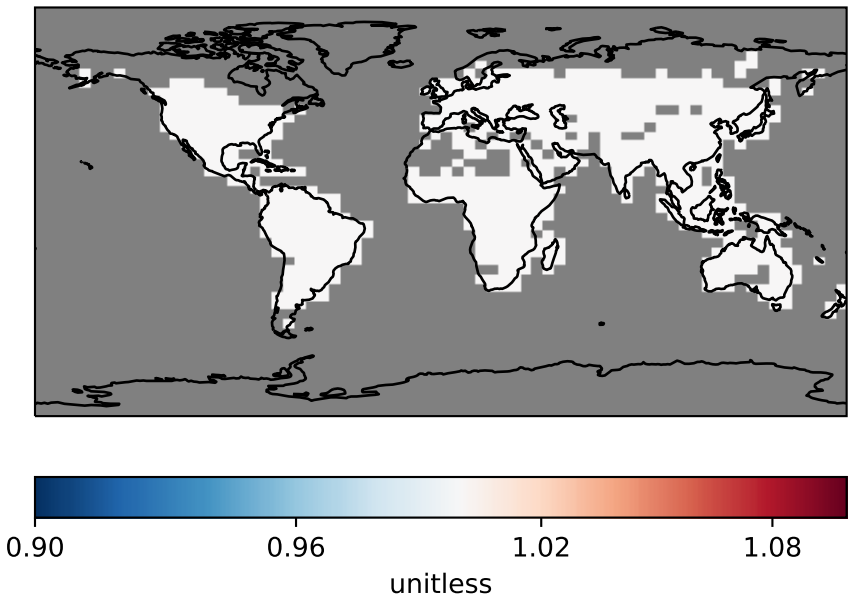
Difference
Dev - Ref, Dynamic Range



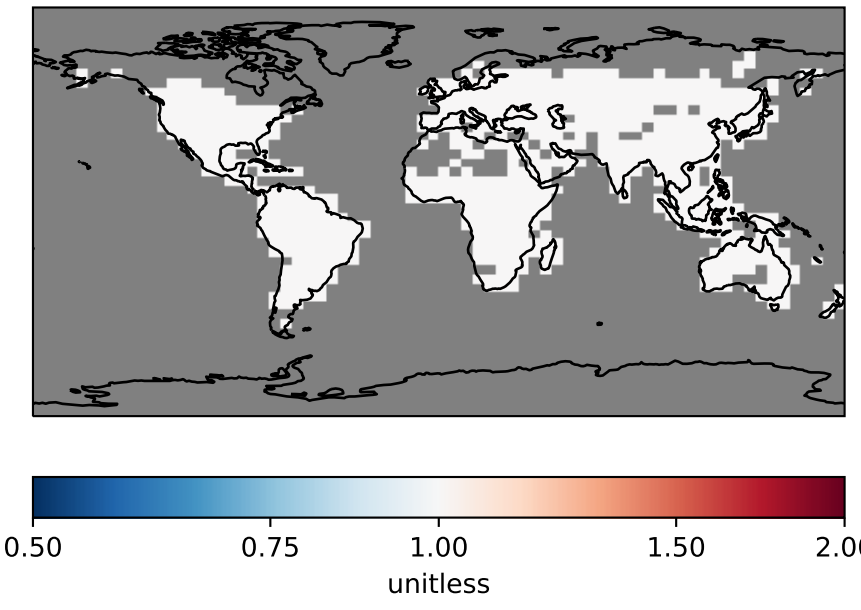
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

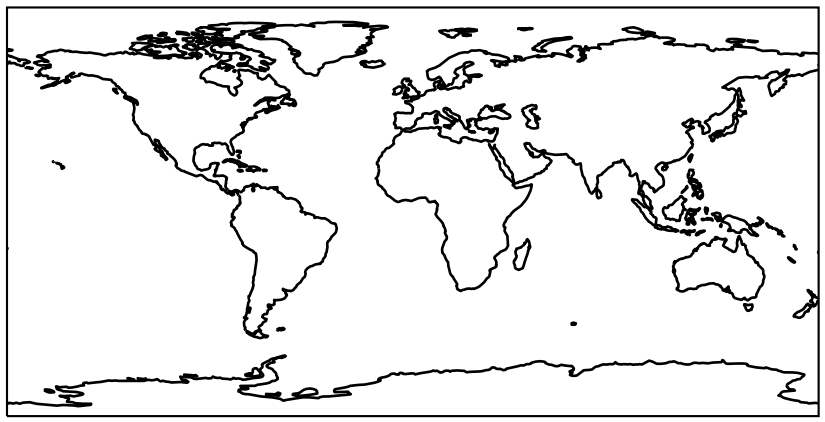


Ratio
Dev/Ref, Fixed Range



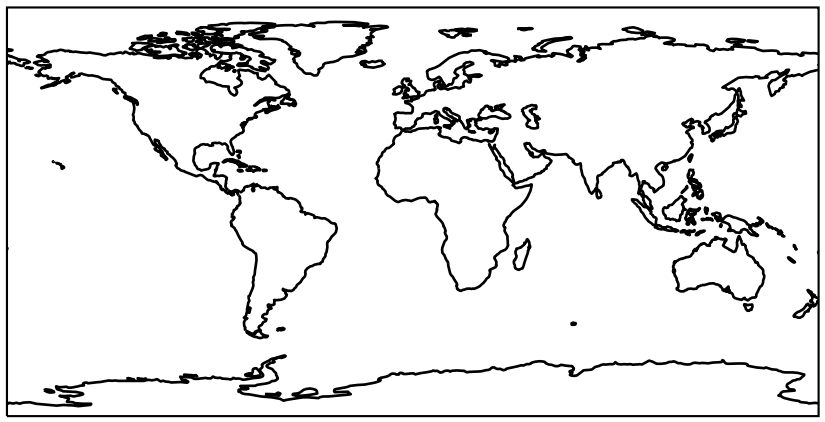
EmisCH2O_Ship (Apr2019)

GCC_13.0.0 (Ref)
4.0x5.0



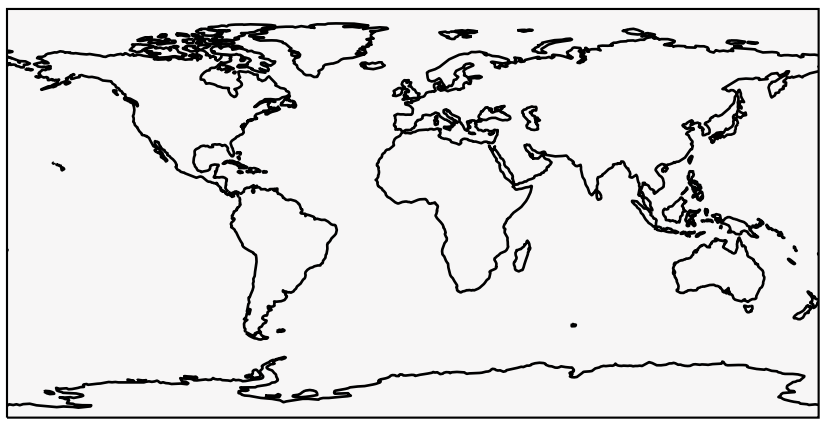
Zero throughout domain
kg/m2/s

GCC_14.0.0 (Dev)
4.0x5.0



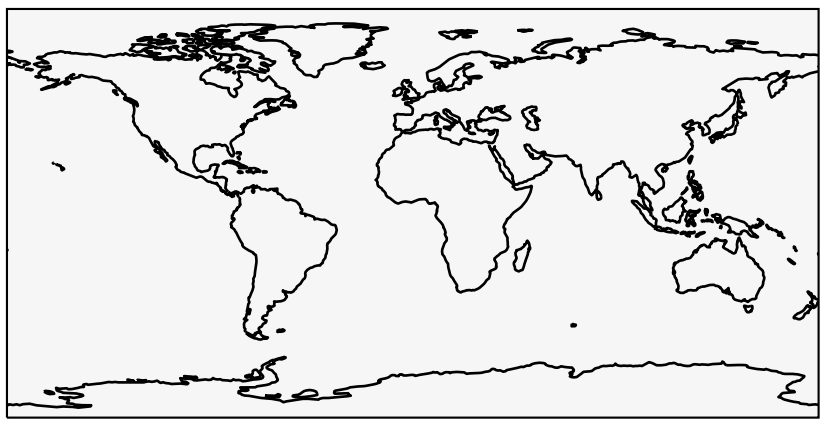
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



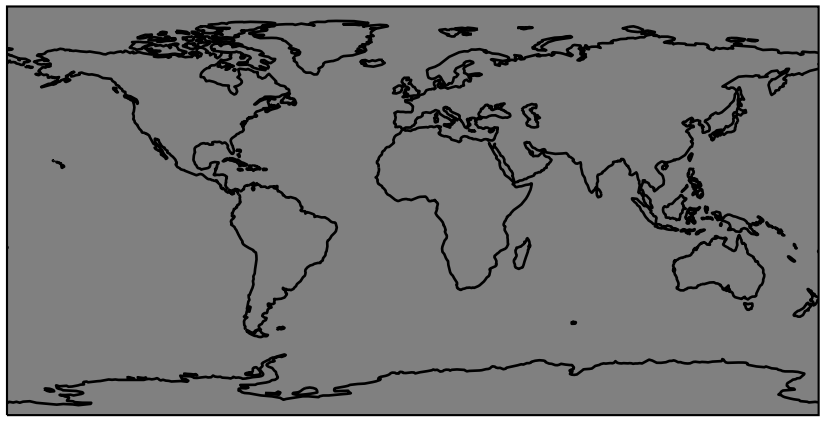
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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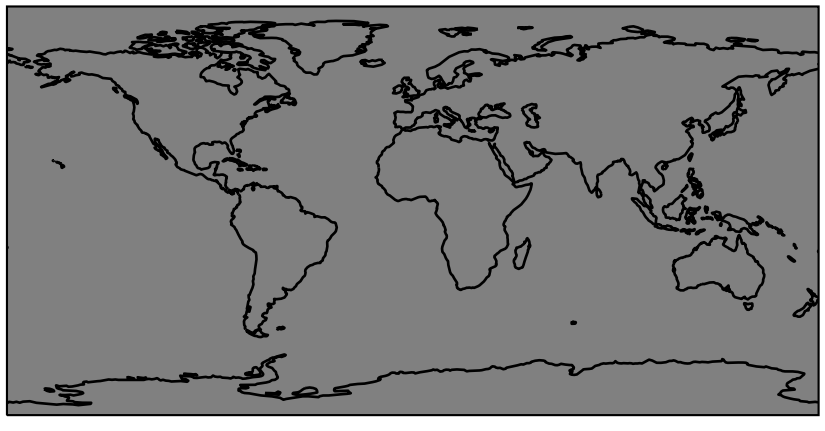
Ratio
Dev/Ref, Fixed Range



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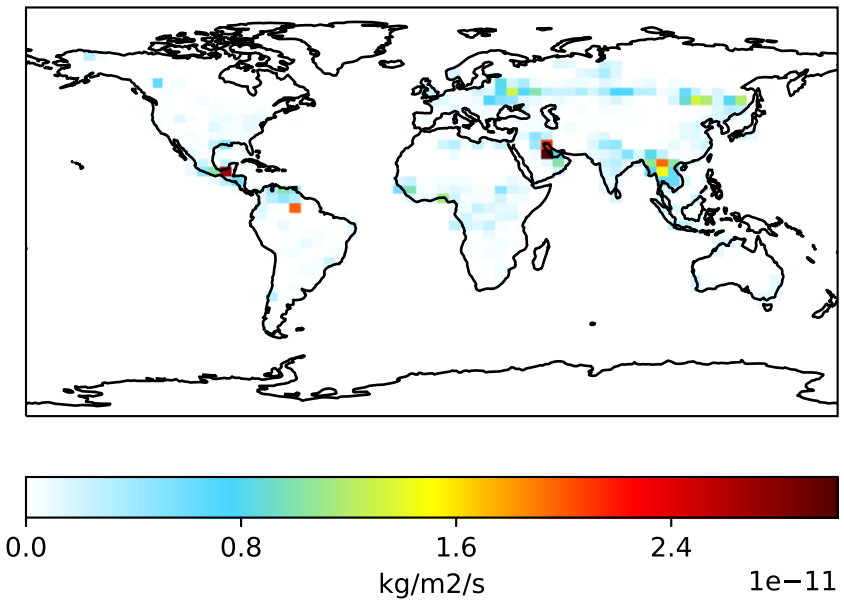
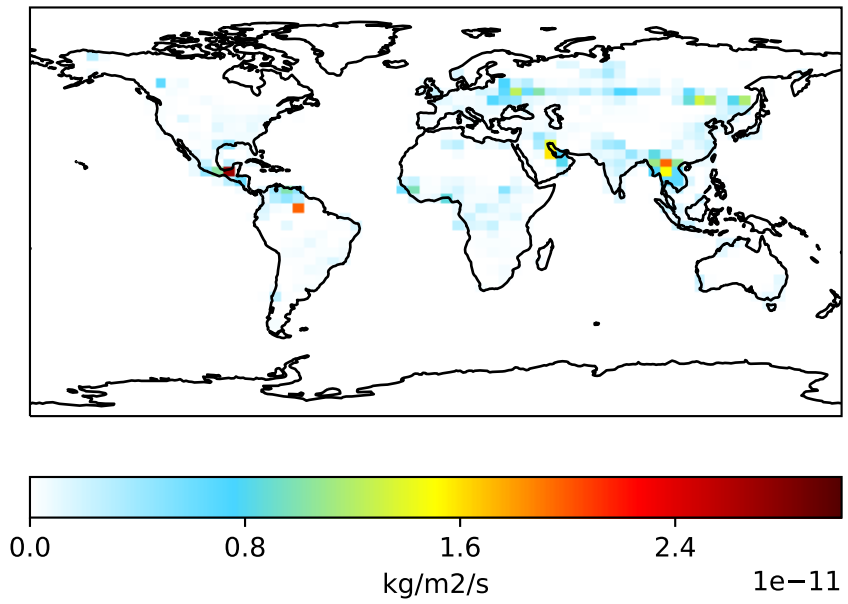
EmisCH2O_Total (Apr2019)

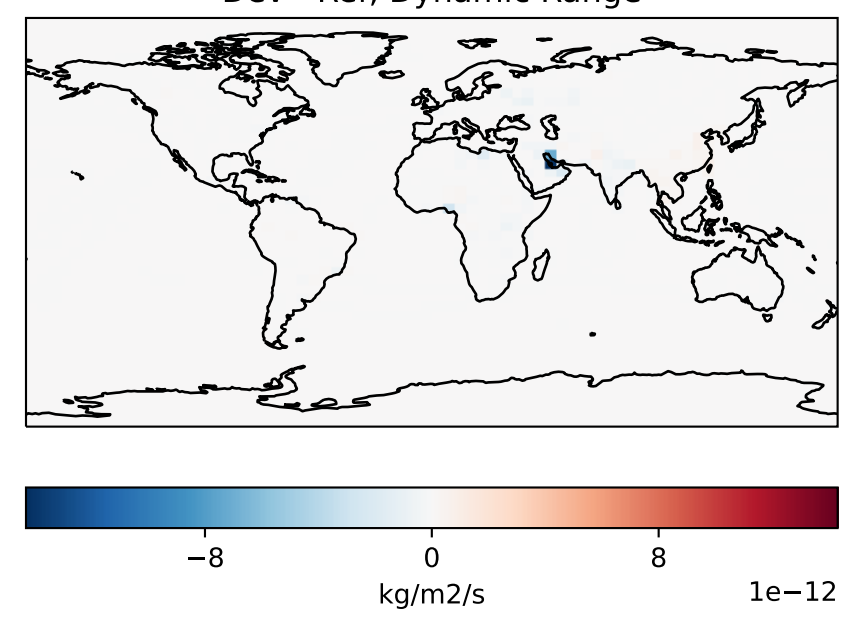
GCC_13.0.0 (Ref)
4.0x5.0



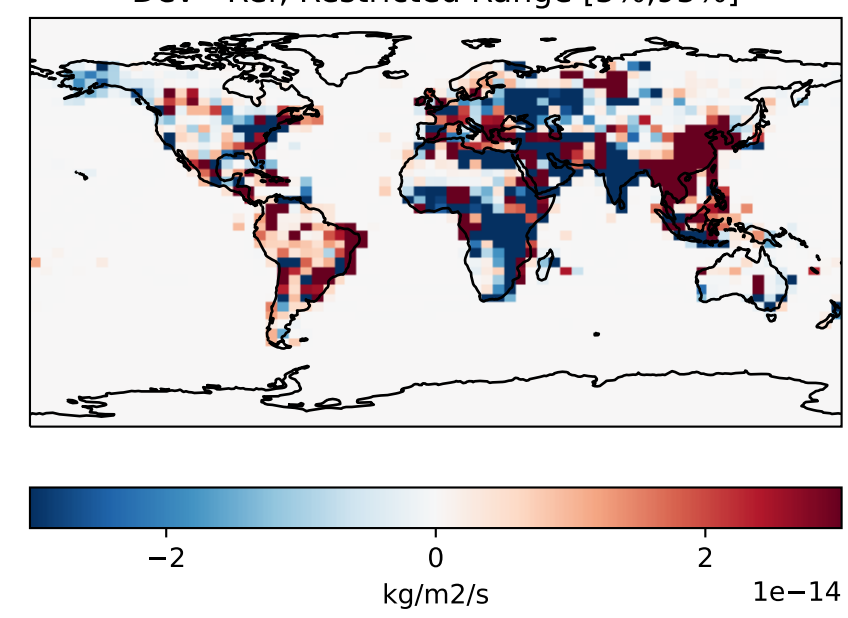
GCC_14.0.0 (Dev)
4.0x5.0



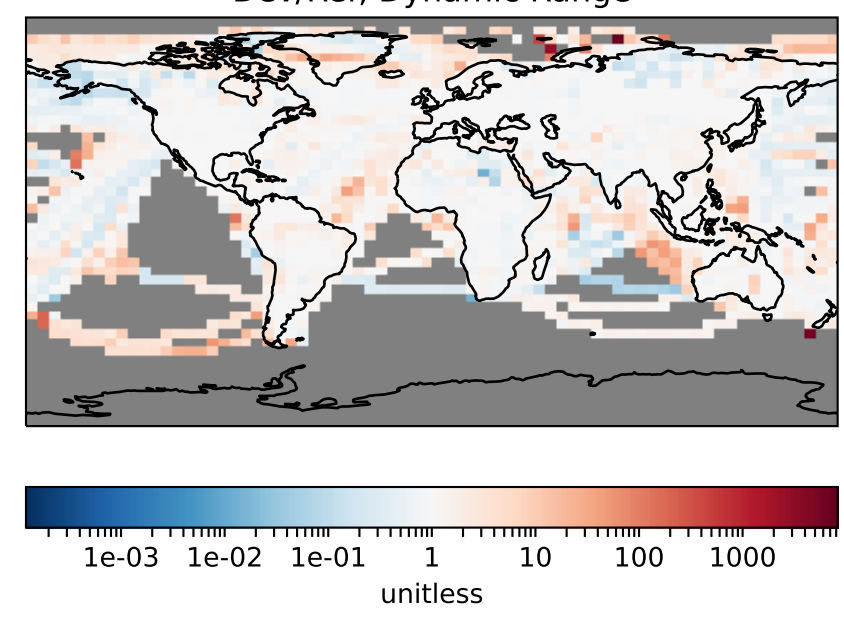
Difference
Dev - Ref, Dynamic Range



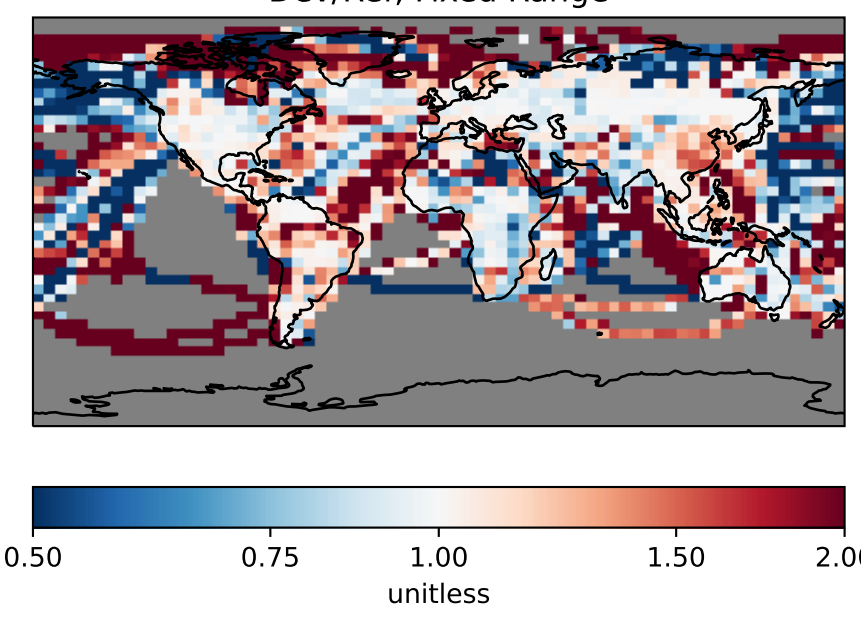
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

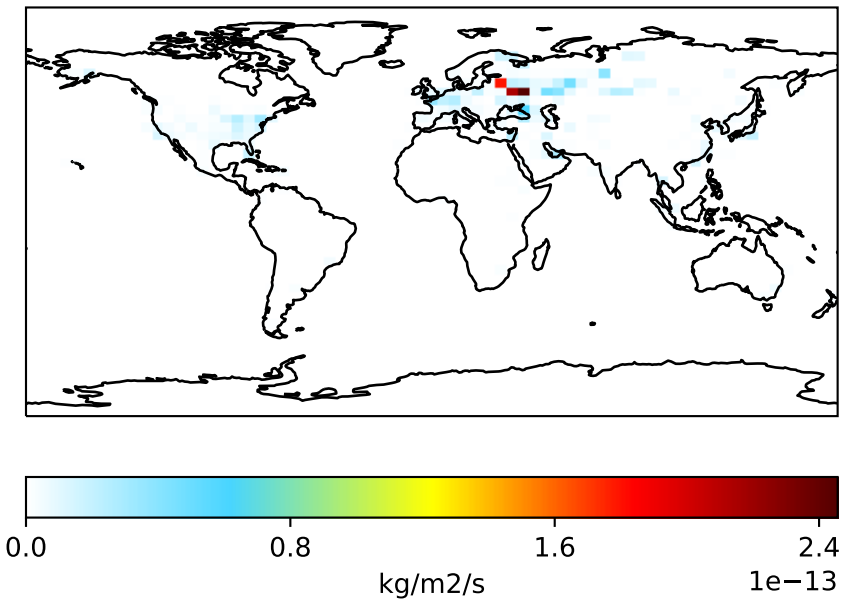


Ratio
Dev/Ref, Fixed Range

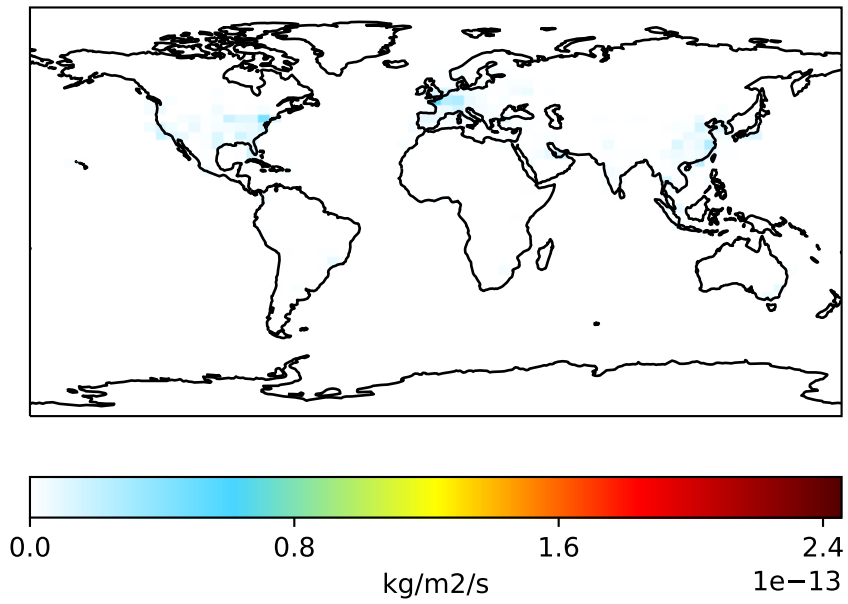


EmisMACR_Aircraft (Apr2019)

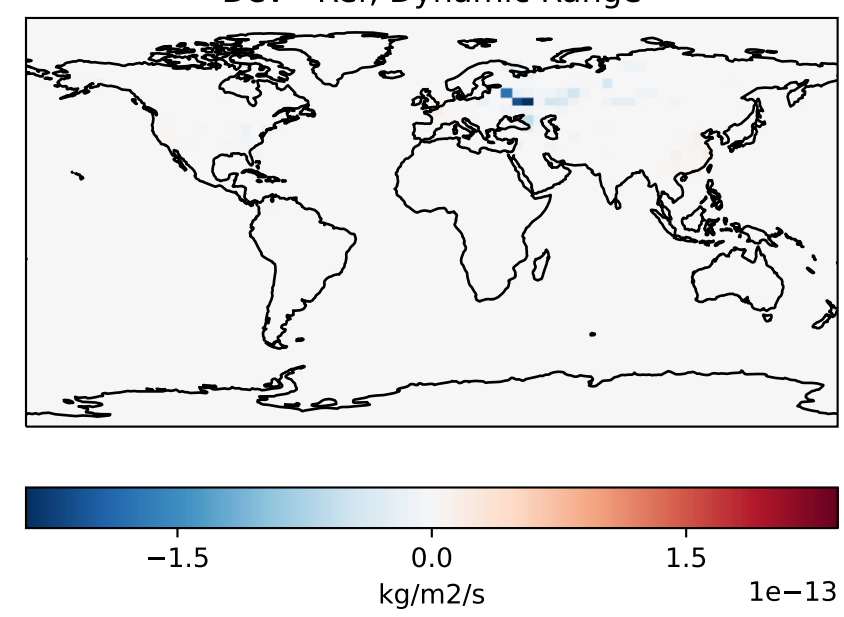
GCC_13.0.0 (Ref)
4.0x5.0



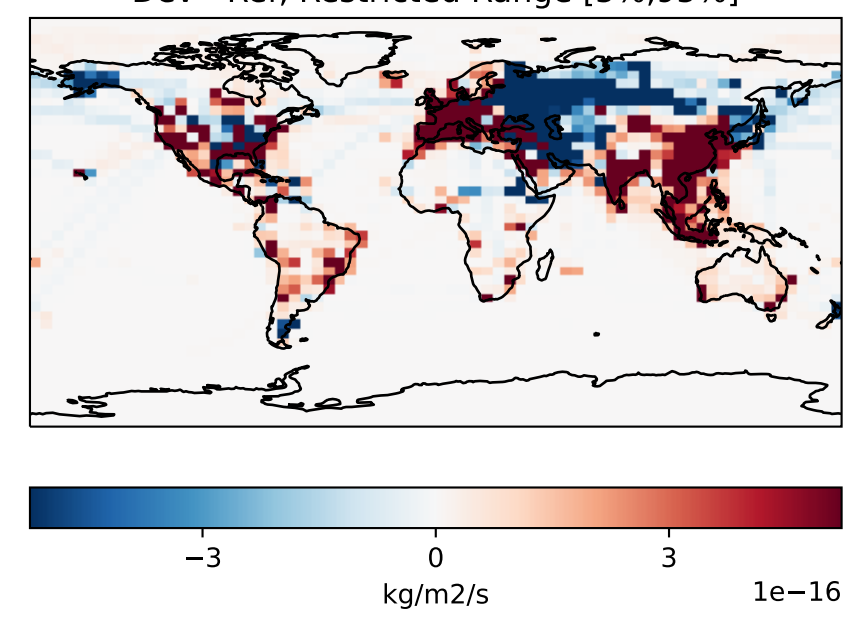
GCC_14.0.0 (Dev)
4.0x5.0



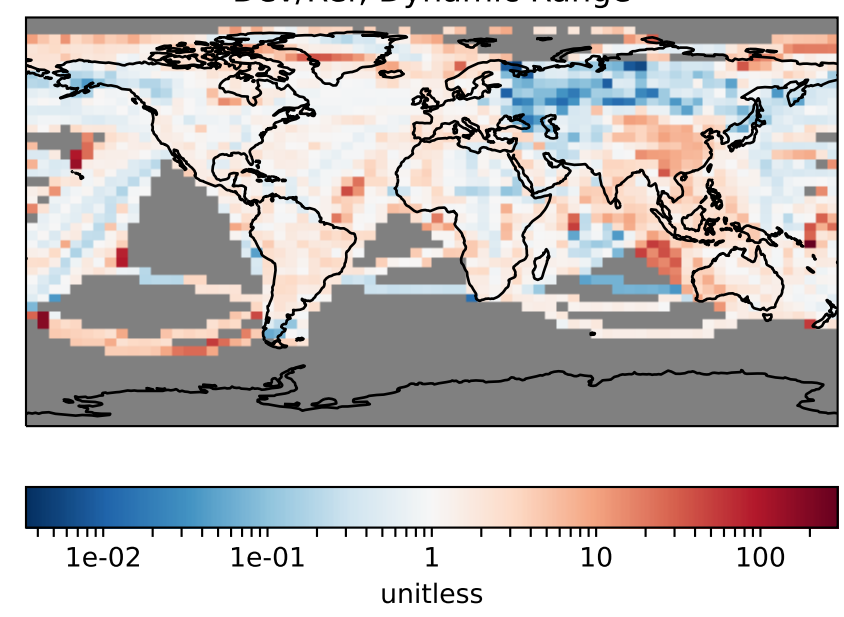
Difference
Dev - Ref, Dynamic Range



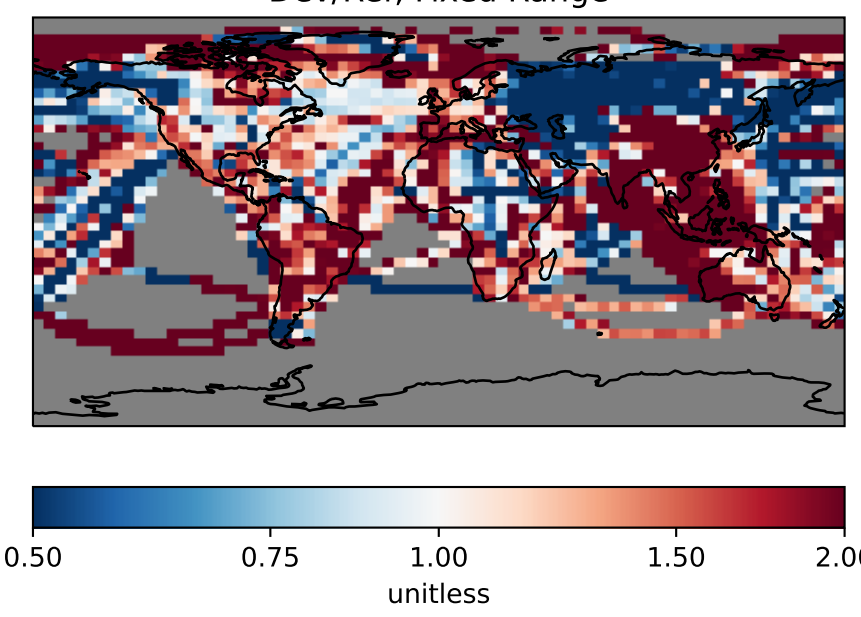
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

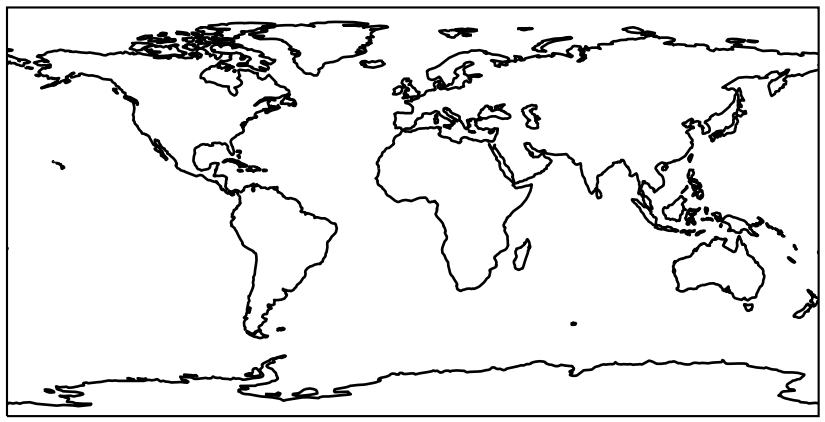


Ratio
Dev/Ref, Fixed Range



EmisMACR_Anthro (Apr2019)

GCC_13.0.0 (Ref)
4.0x5.0



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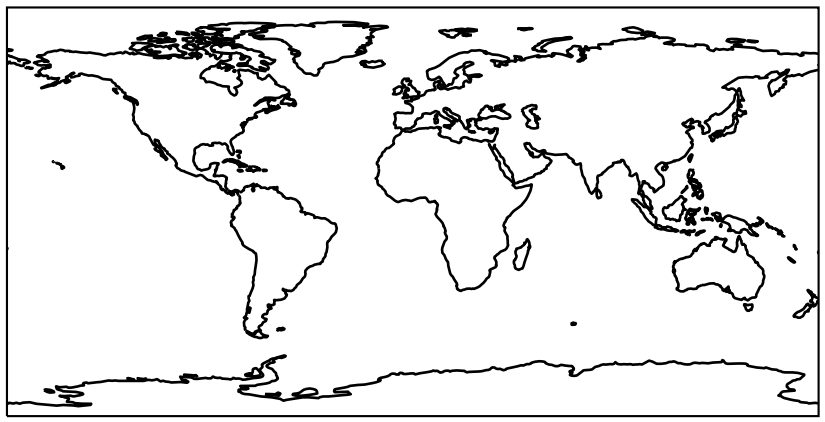
kg/m2/s

GCC_14.0.0 (Dev)
4.0x5.0



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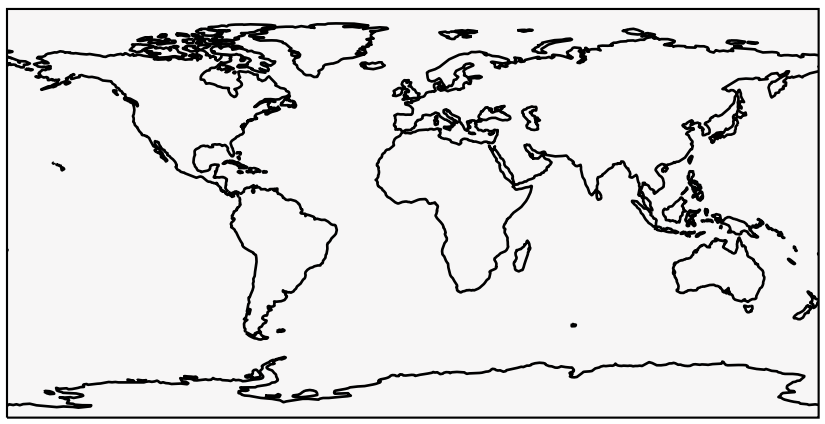
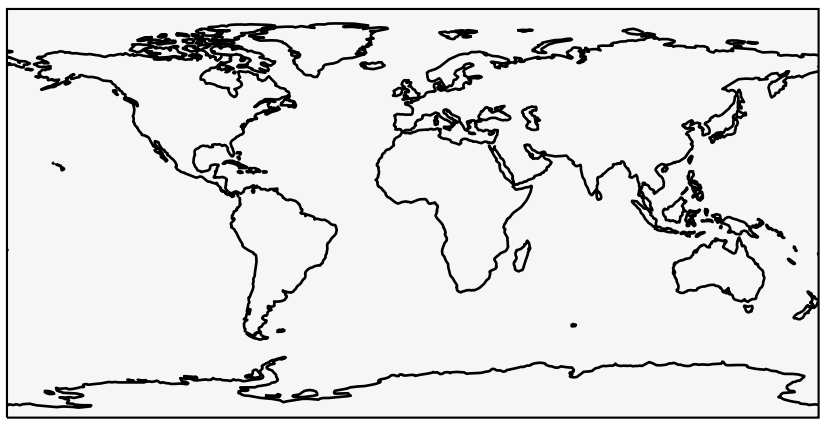
kg/m2/s

Difference
Dev - Ref, Dynamic Range



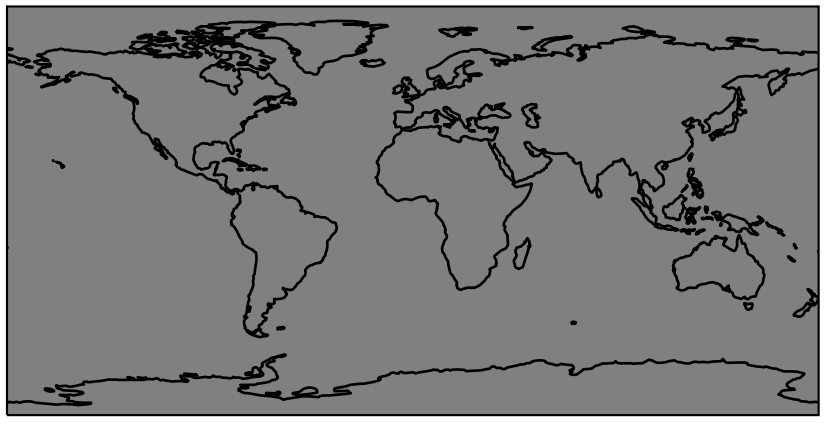
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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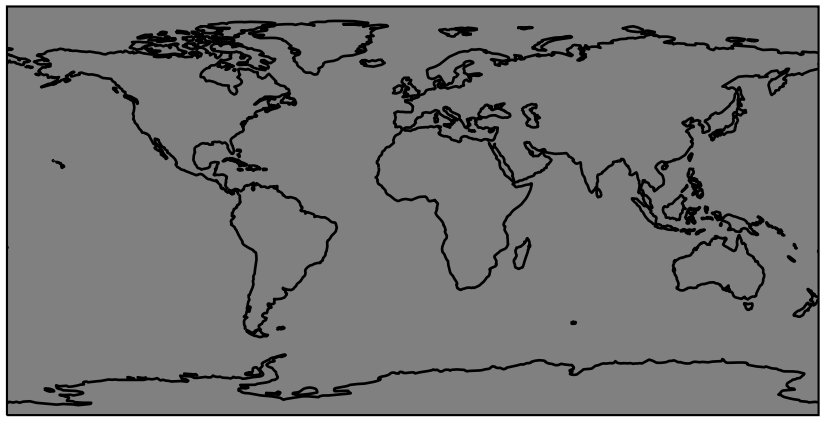
Ratio
Dev/Ref, Fixed Range



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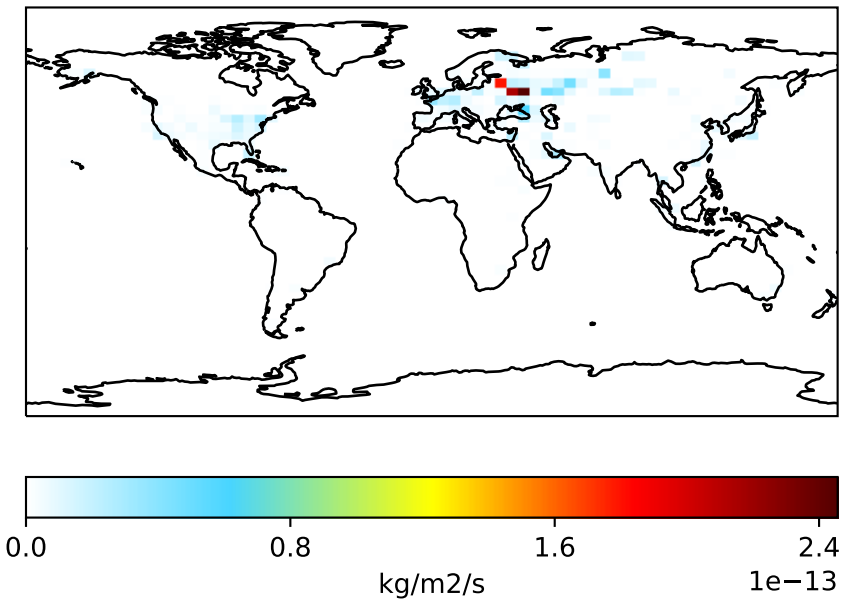
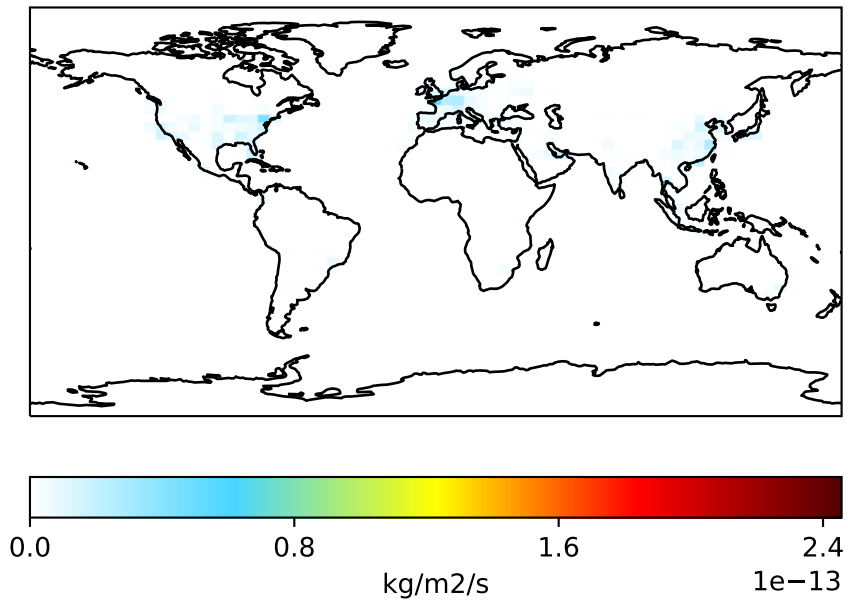
unitless

EmisMACR_Total (Apr2019)

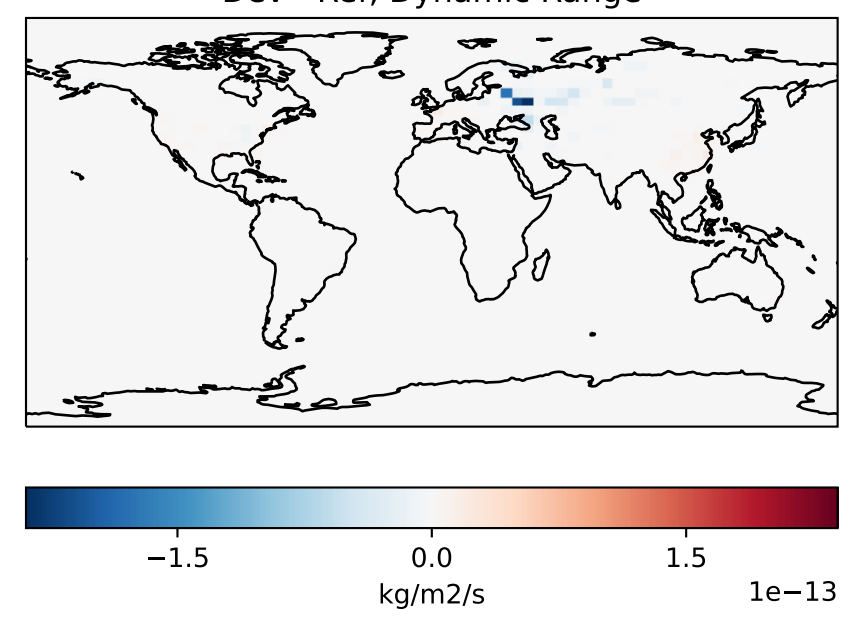
GCC_13.0.0 (Ref)
4.0x5.0



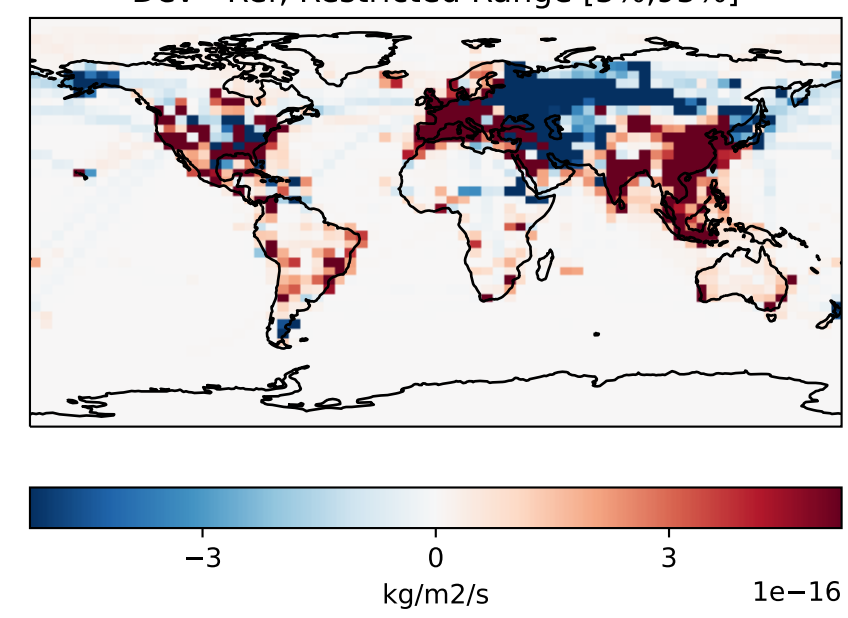
GCC_14.0.0 (Dev)
4.0x5.0



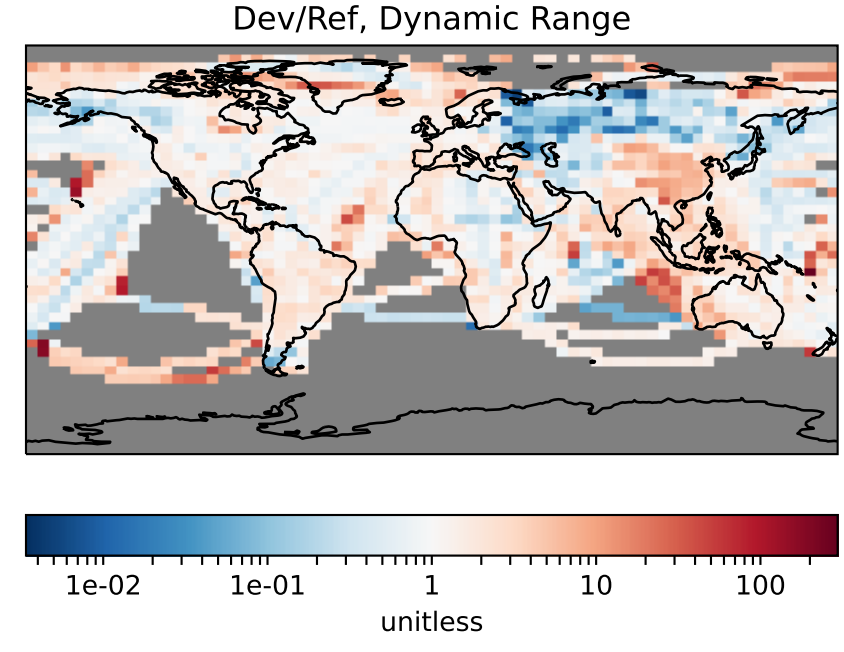
Difference
Dev - Ref, Dynamic Range



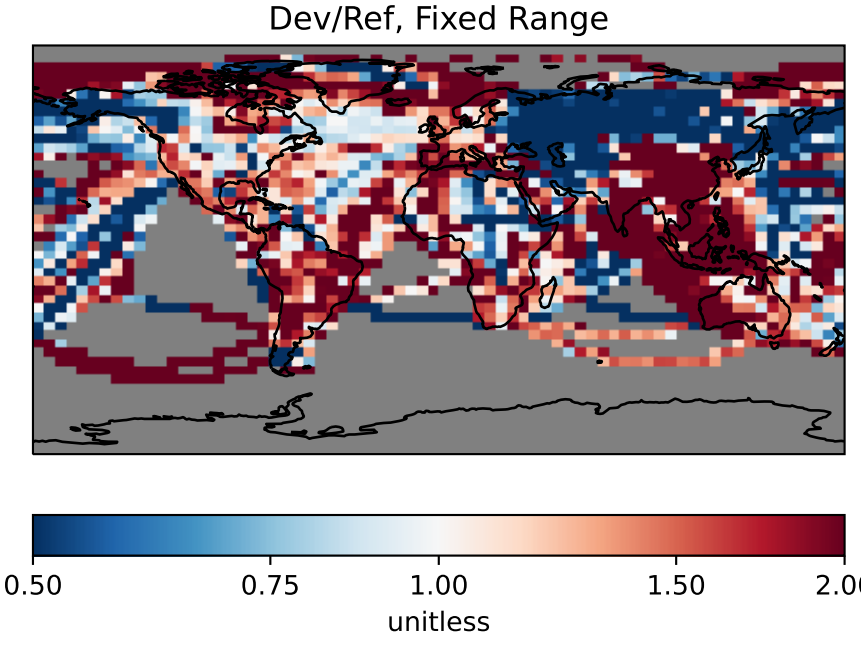
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

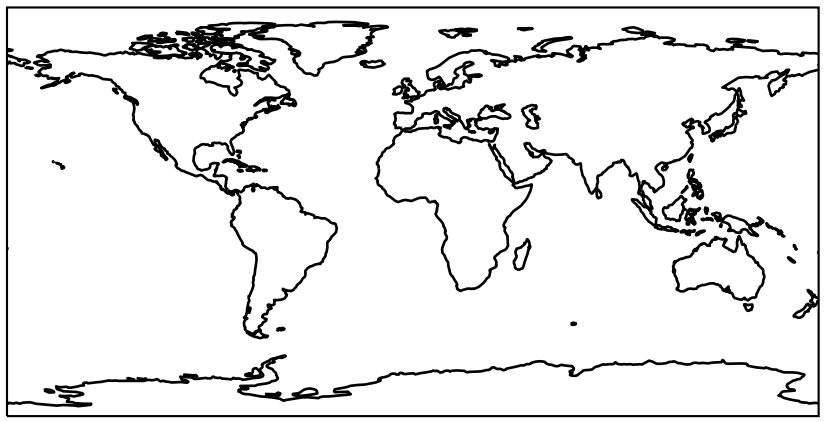


Ratio
Dev/Ref, Fixed Range



EmisACET_Anthro (Apr2019)

GCC_13.0.0 (Ref)
4.0x5.0



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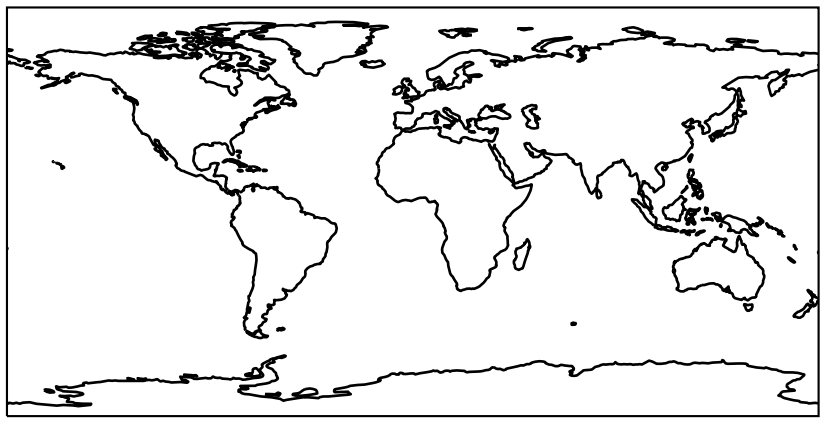
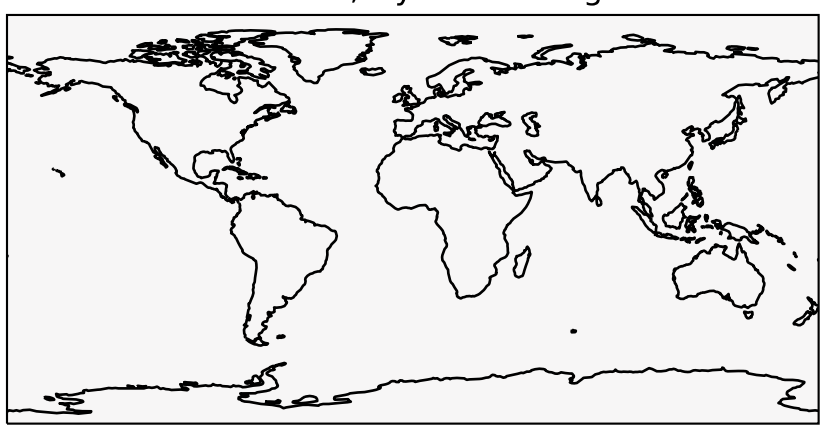
kg/m2/s

GCC_14.0.0 (Dev)
4.0x5.0



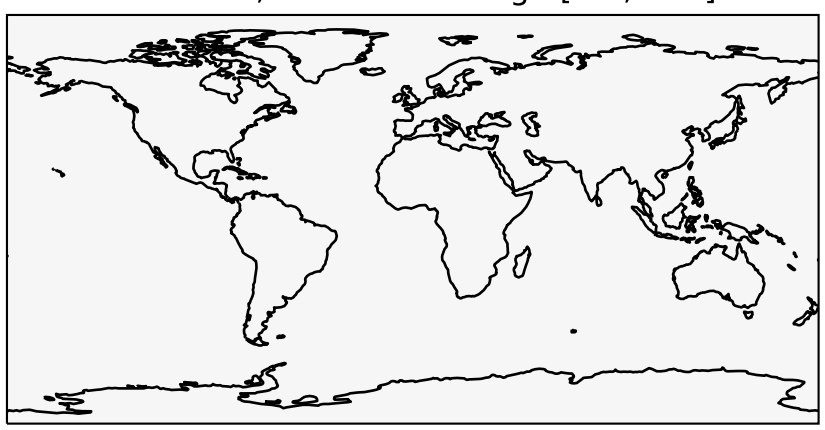
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



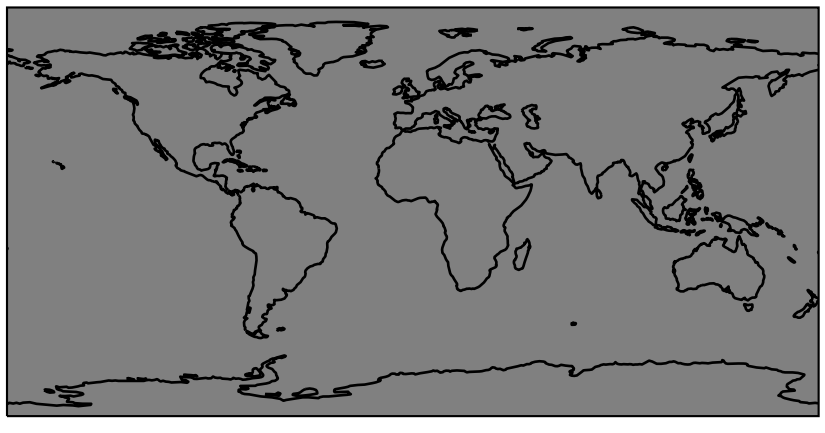
Zero throughout domain
kg/m2/s

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



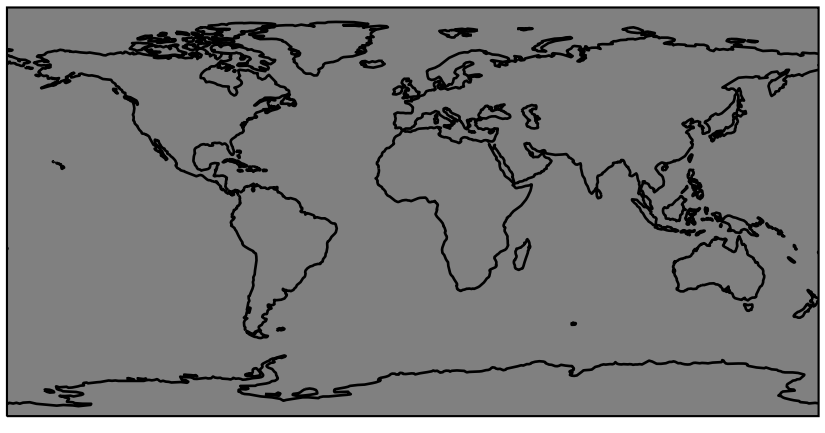
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



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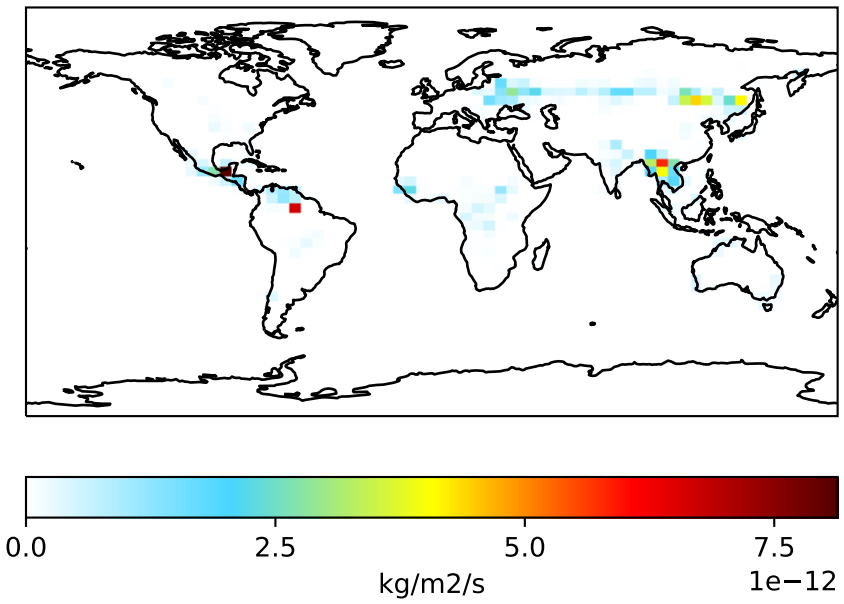
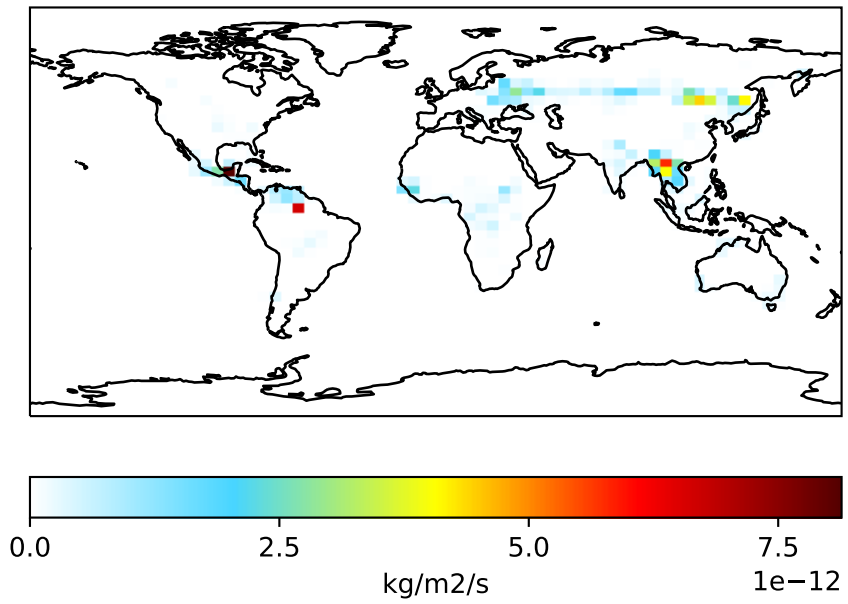
unitless

EmisACET_BioBurn (Apr2019)

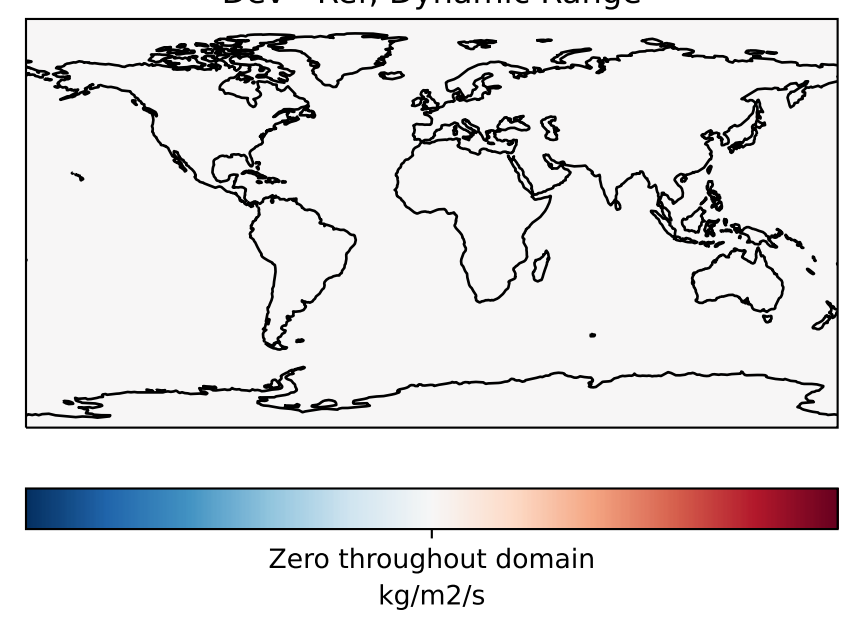
GCC_13.0.0 (Ref)
4.0x5.0



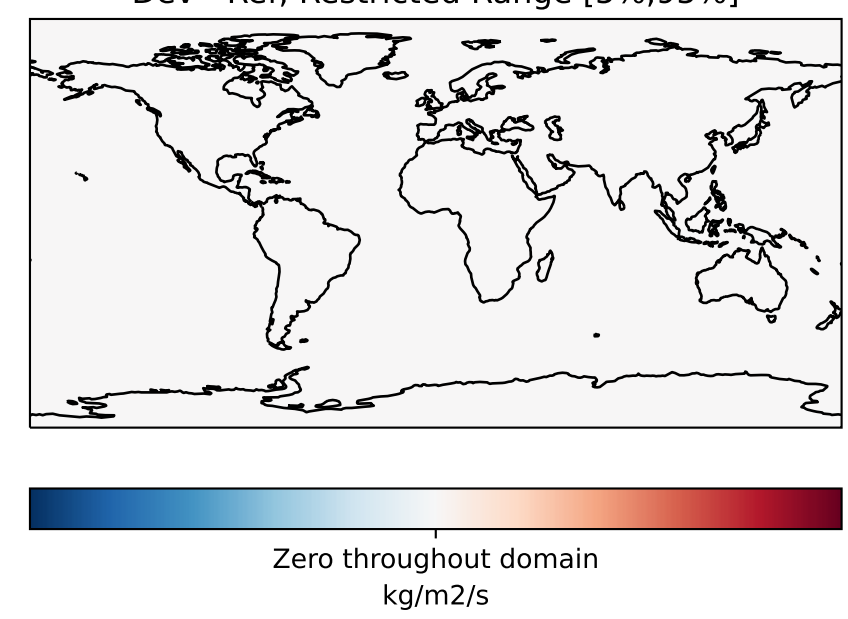
GCC_14.0.0 (Dev)
4.0x5.0



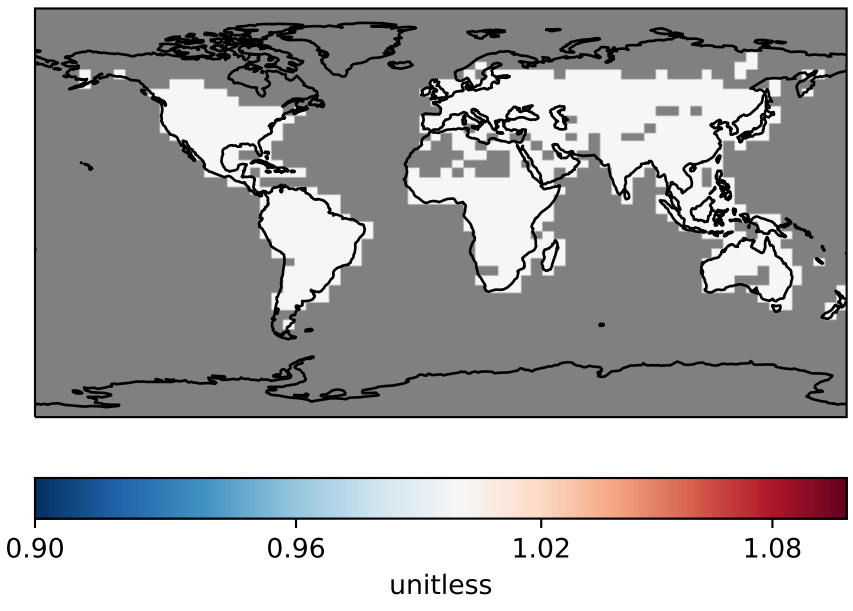
Difference
Dev - Ref, Dynamic Range



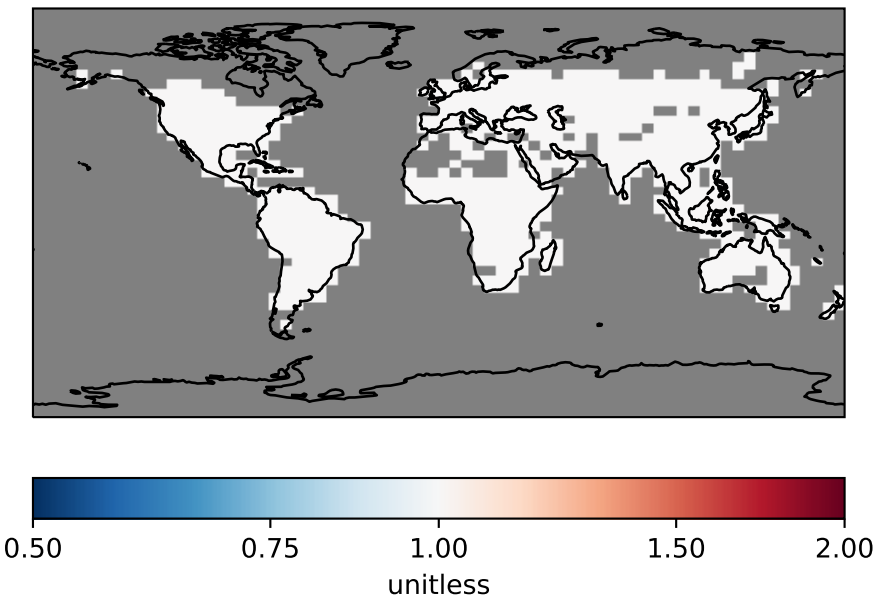
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

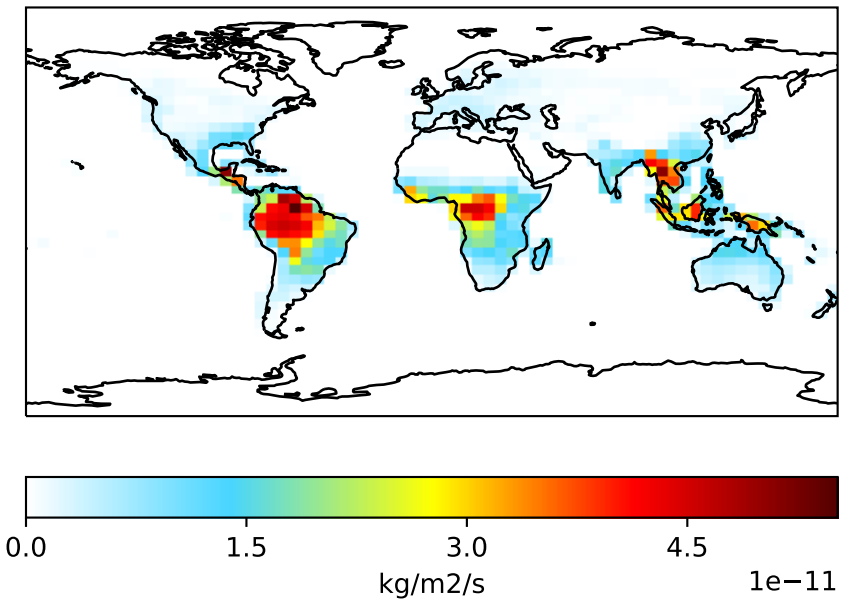


Ratio
Dev/Ref, Fixed Range

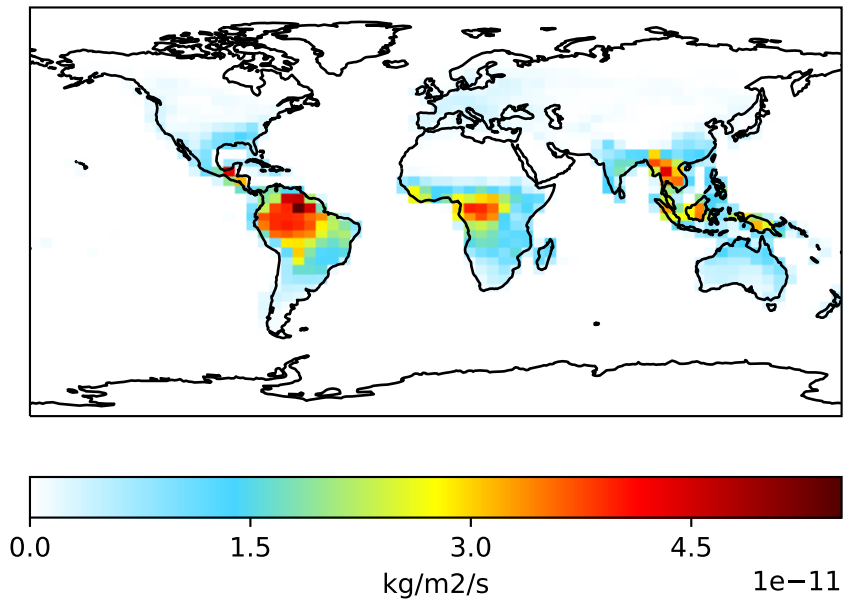


EmisACET_Biogenic (Apr2019)

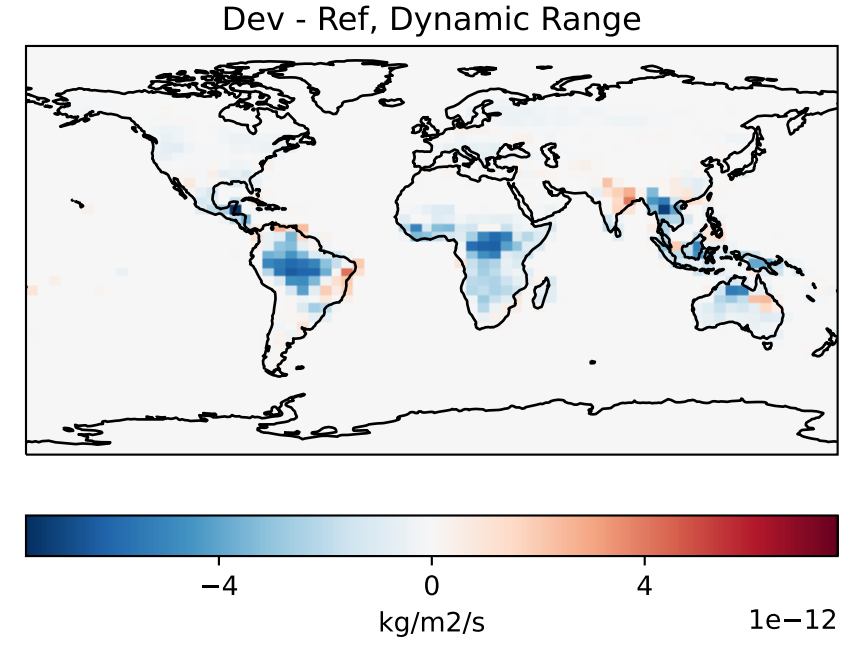
GCC_13.0.0 (Ref)
4.0x5.0



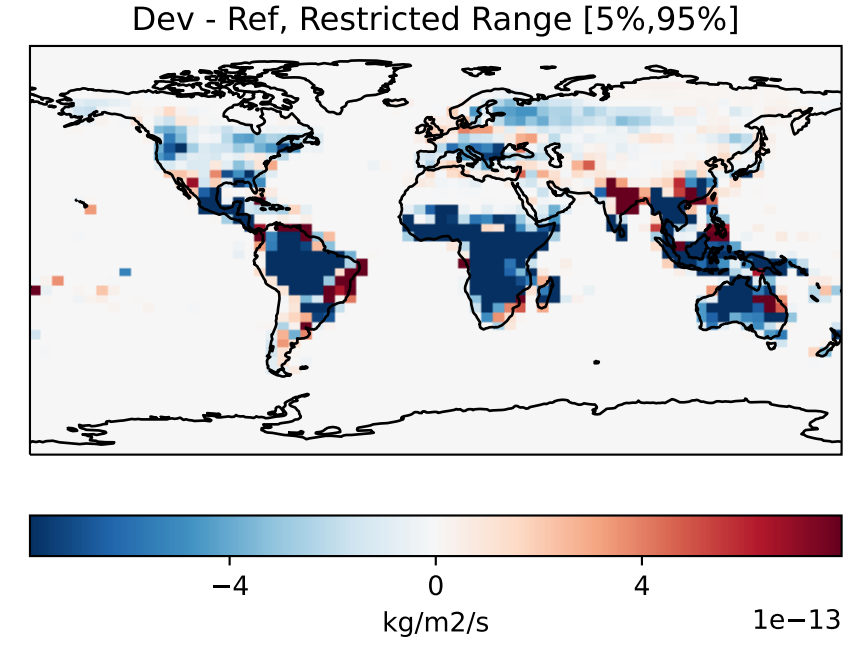
GCC_14.0.0 (Dev)
4.0x5.0



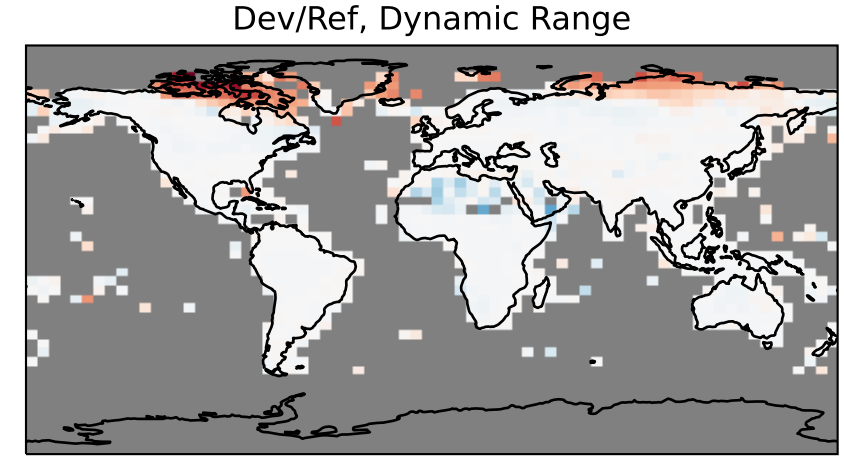
Difference
Dev - Ref, Dynamic Range



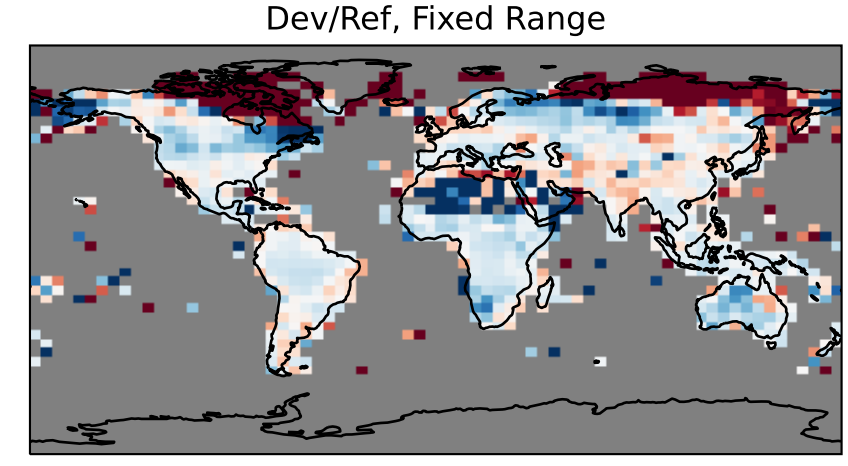
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

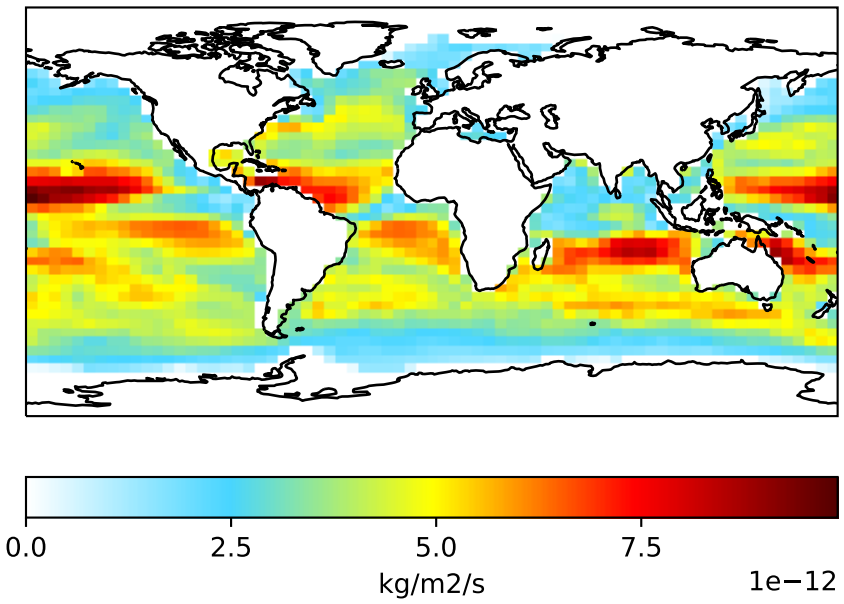


Ratio
Dev/Ref, Fixed Range

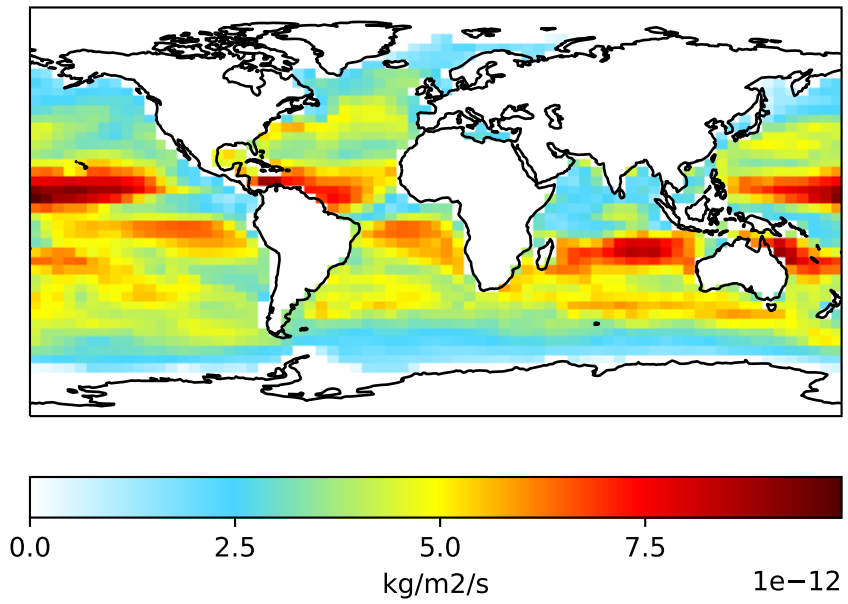


EmisACET_Ocean (Apr2019)

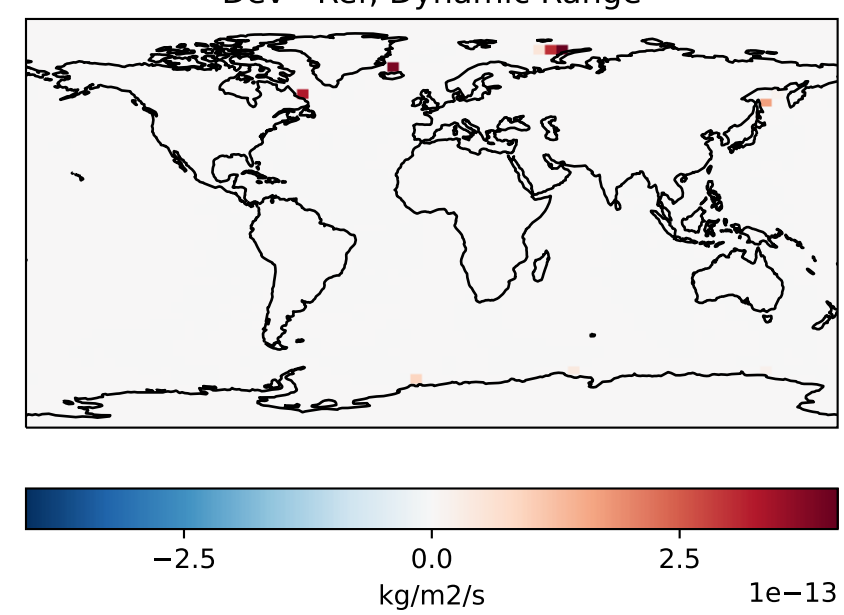
GCC_13.0.0 (Ref)
4.0x5.0



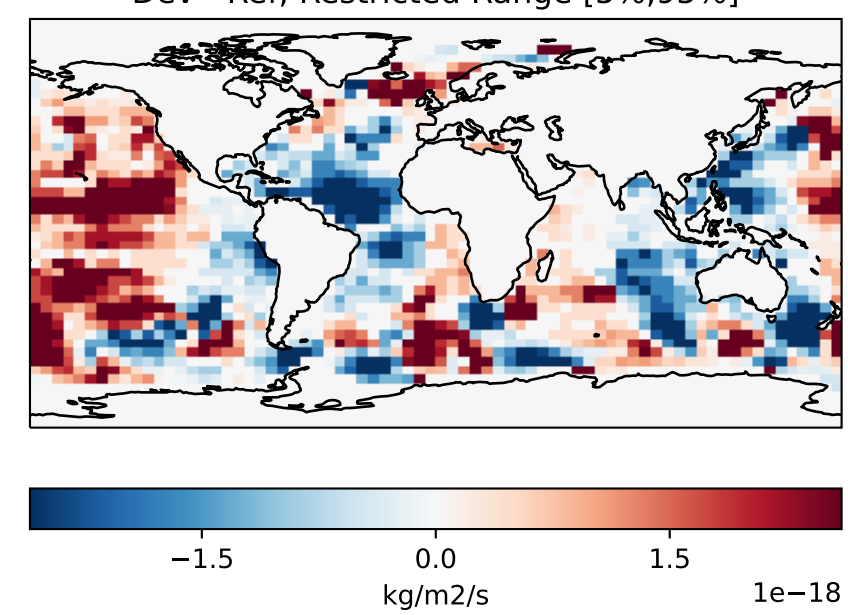
GCC_14.0.0 (Dev)
4.0x5.0



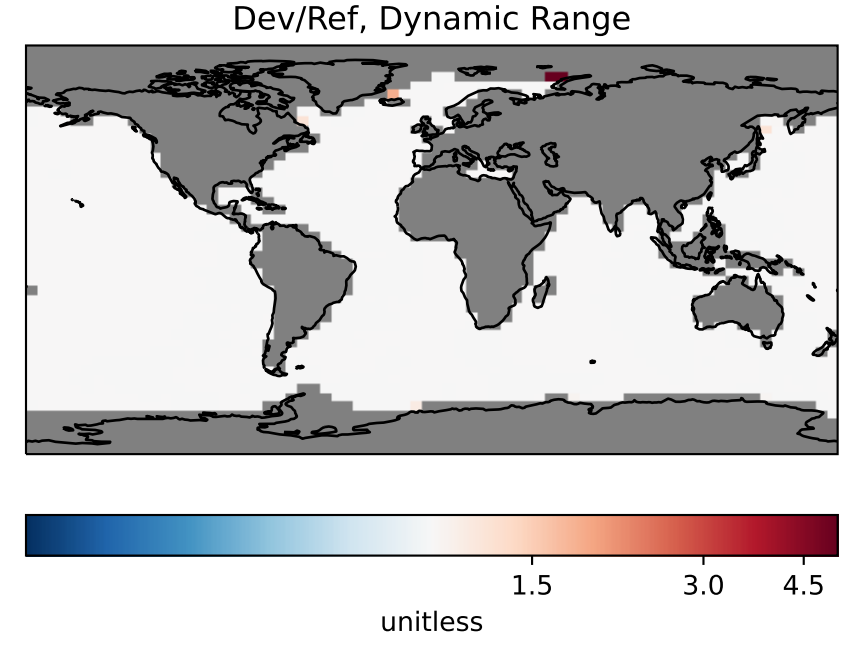
Difference
Dev - Ref, Dynamic Range



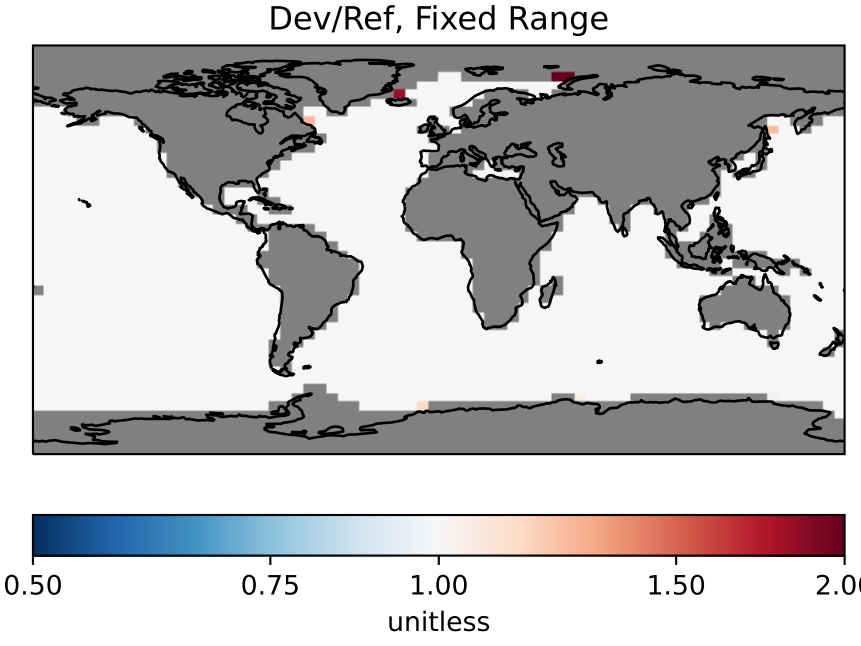
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

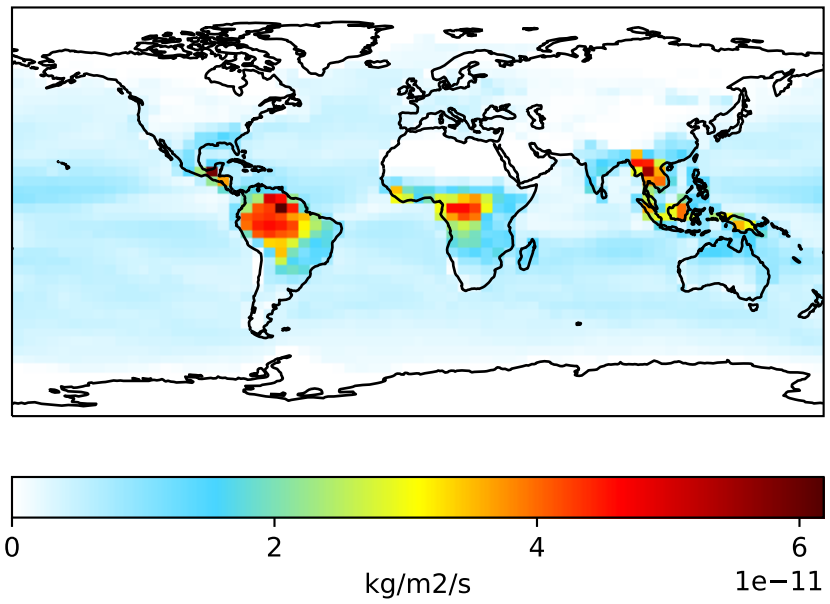


Ratio
Dev/Ref, Fixed Range

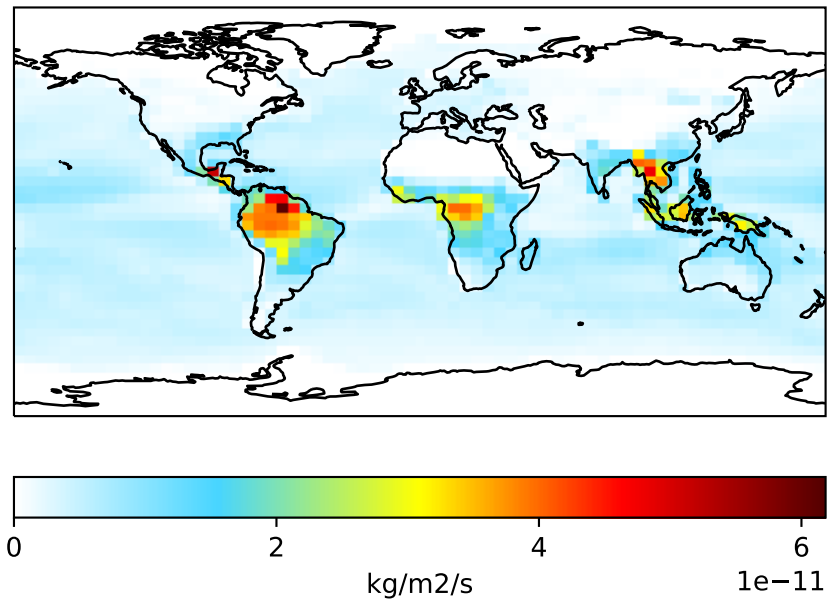


EmisACET_Total (Apr2019)

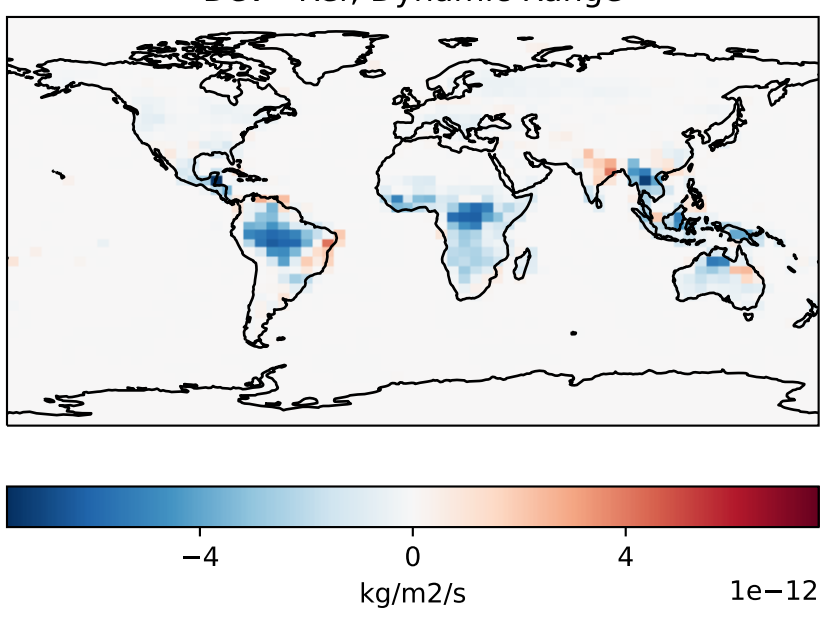
GCC_13.0.0 (Ref)
4.0x5.0



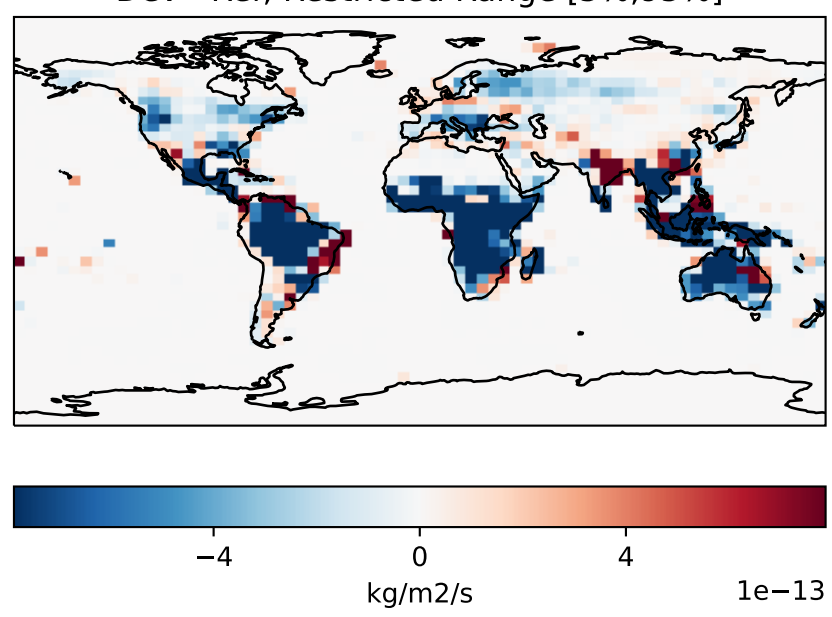
GCC_14.0.0 (Dev)
4.0x5.0



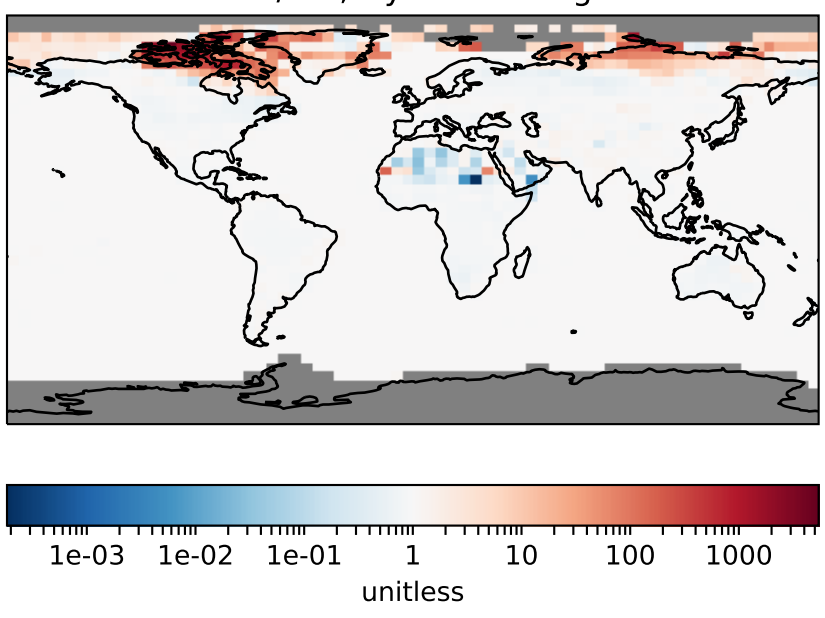
Difference
Dev - Ref, Dynamic Range



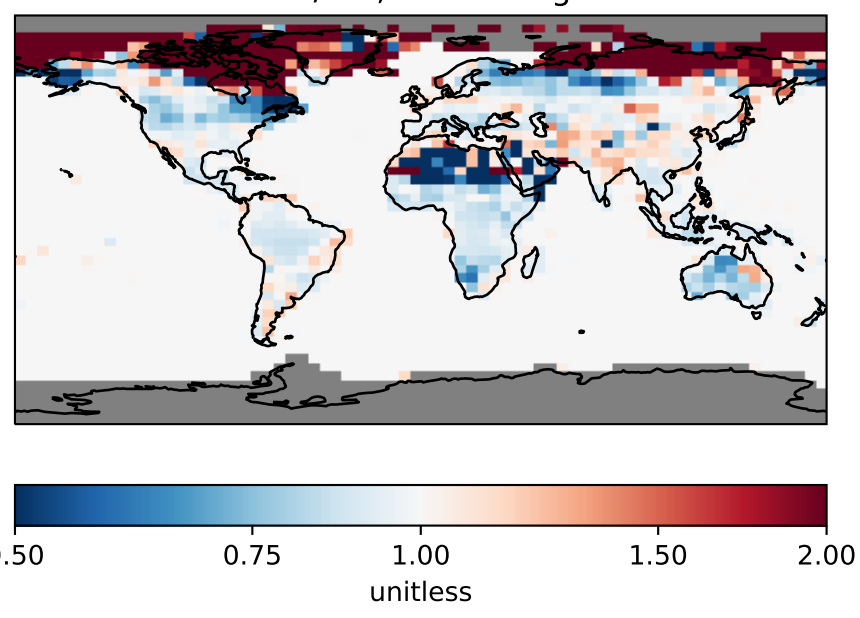
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

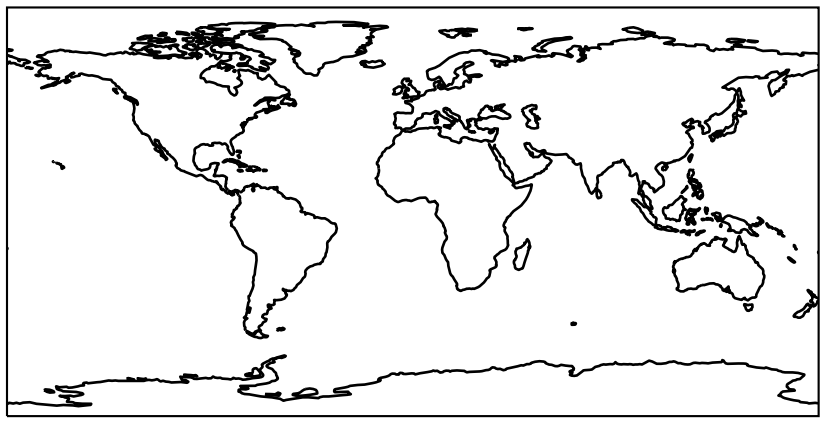


Ratio
Dev/Ref, Fixed Range



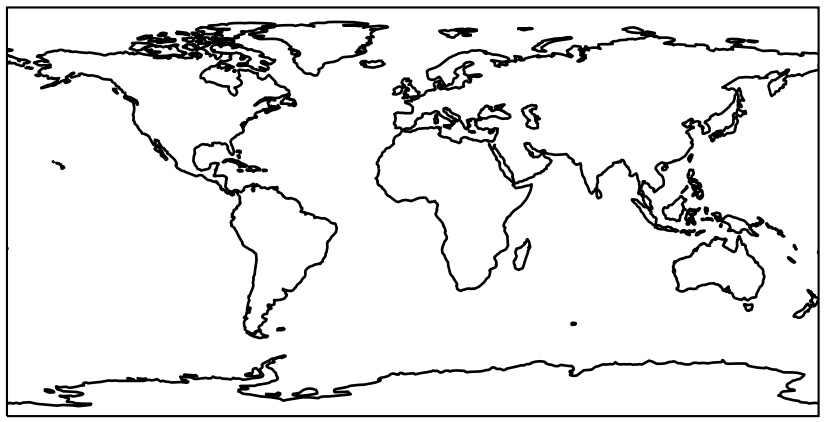
EmisHAC_Anthro (Apr2019)

GCC_13.0.0 (Ref)
4.0x5.0



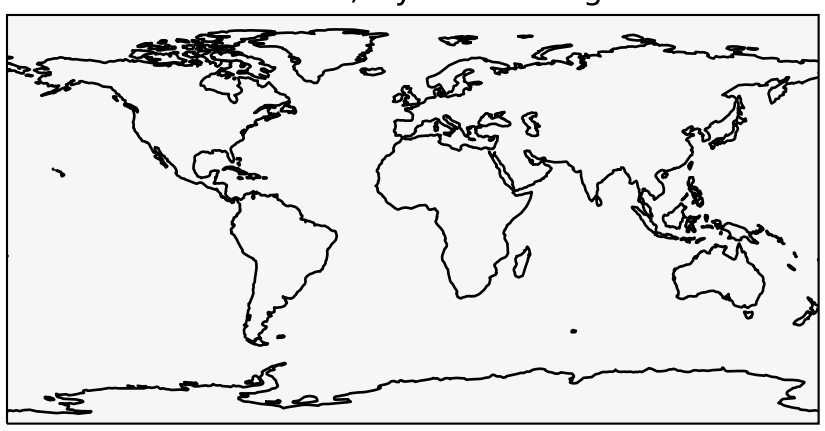
Zero throughout domain
kg/m2/s

GCC_14.0.0 (Dev)
4.0x5.0



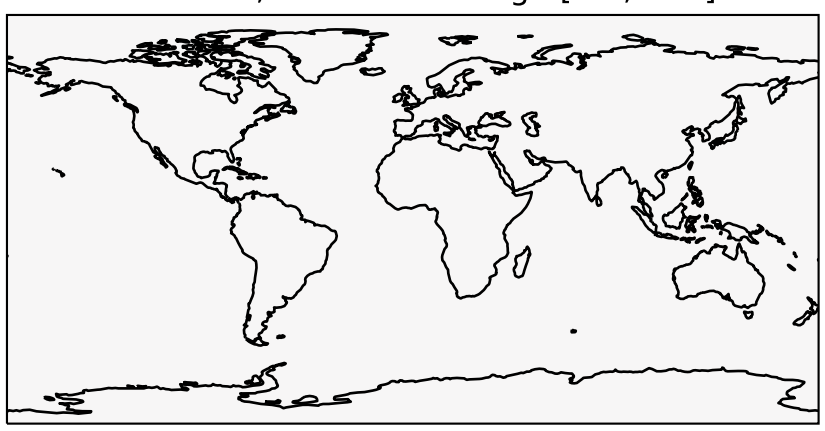
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



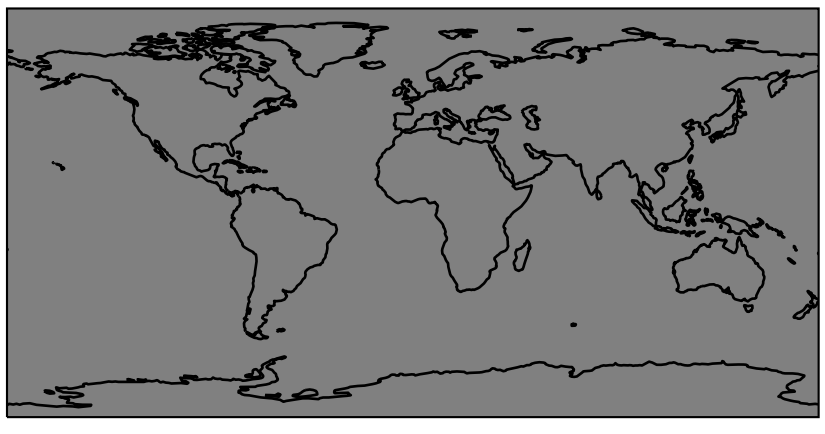
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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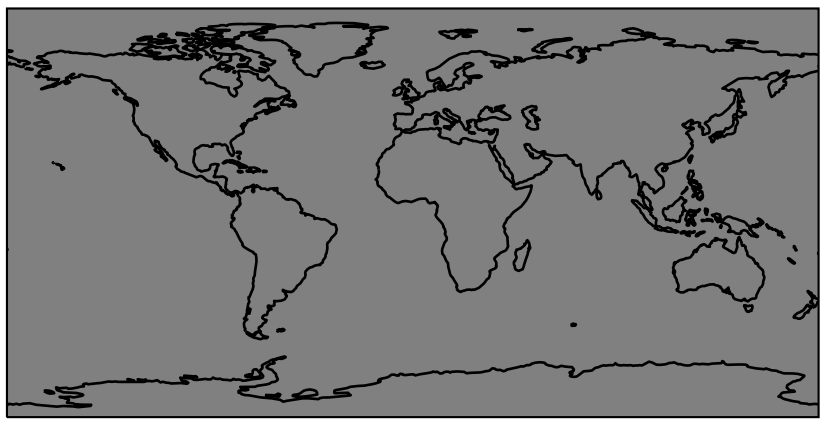
Ratio
Dev/Ref, Fixed Range



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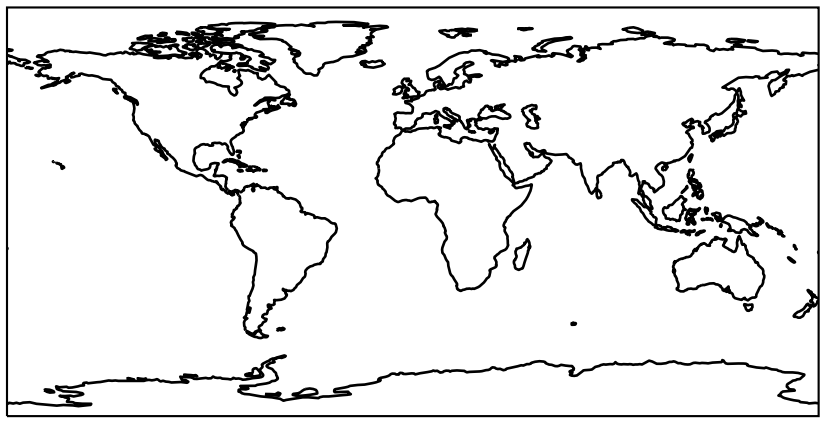
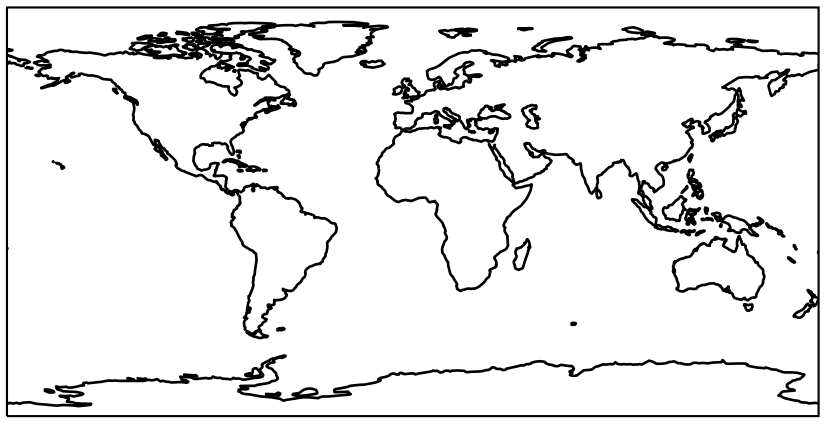
EmisHAC_Total (Apr2019)

GCC_13.0.0 (Ref)
4.0x5.0



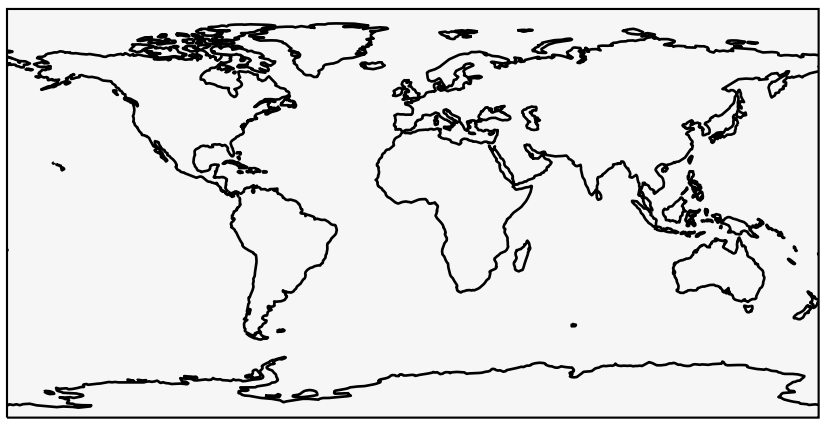
Zero throughout domain
kg/m2/s

GCC_14.0.0 (Dev)
4.0x5.0



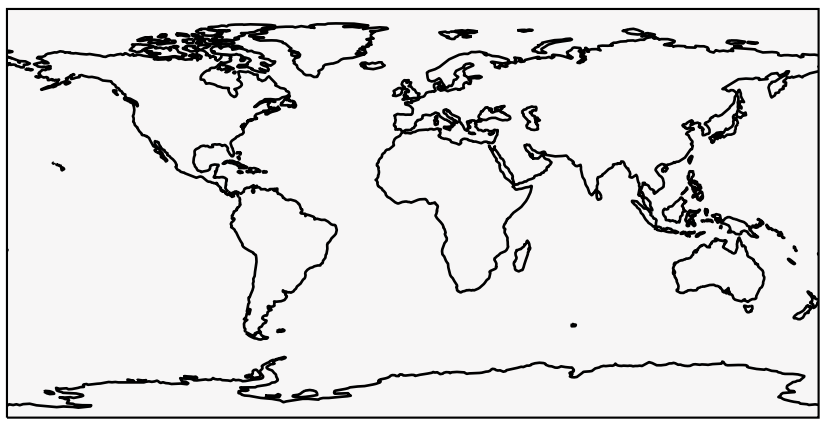
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



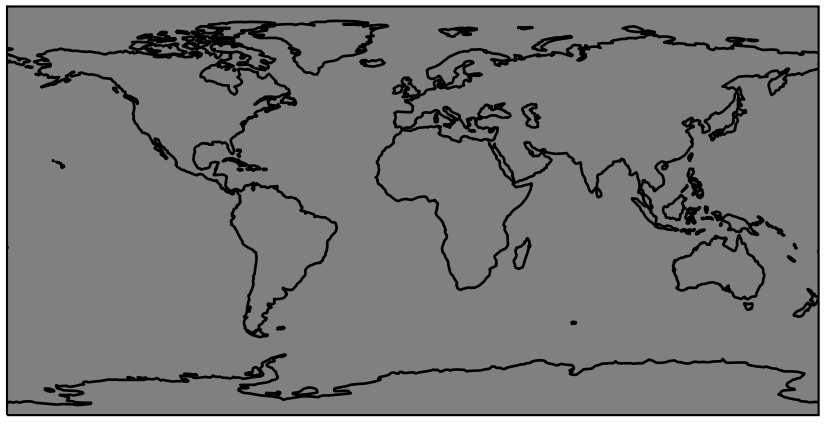
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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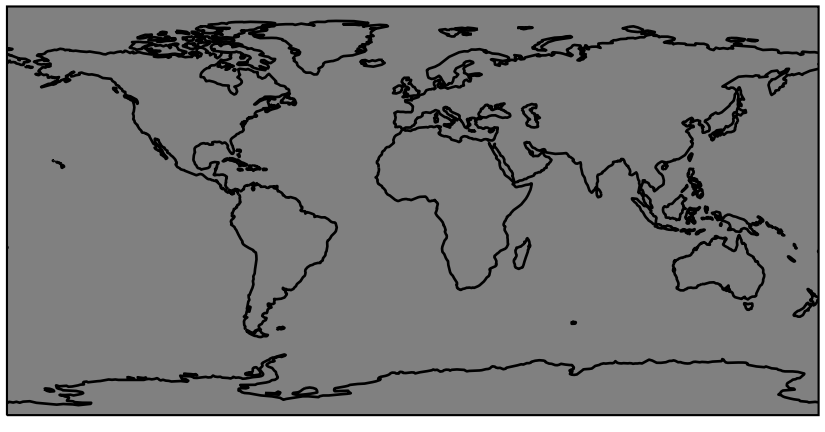
unitless

Ratio
Dev/Ref, Fixed Range



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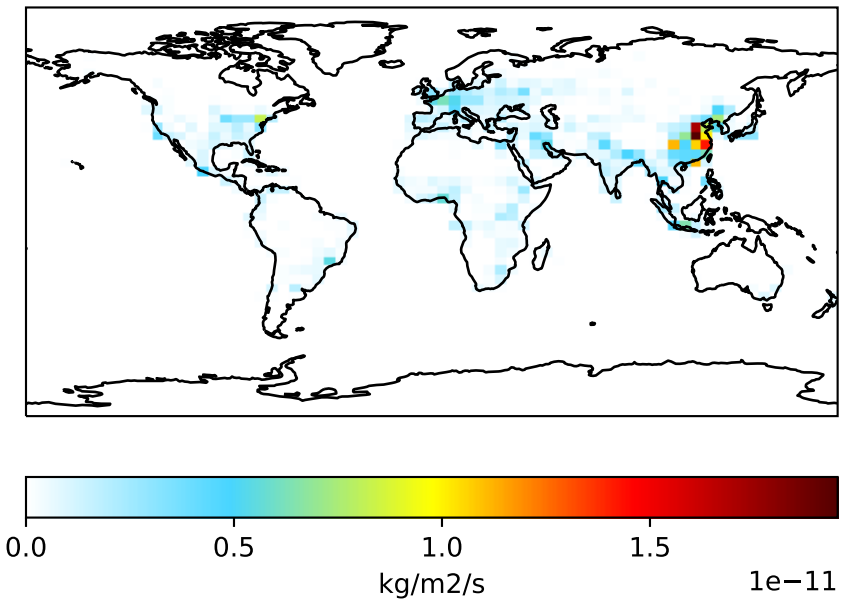
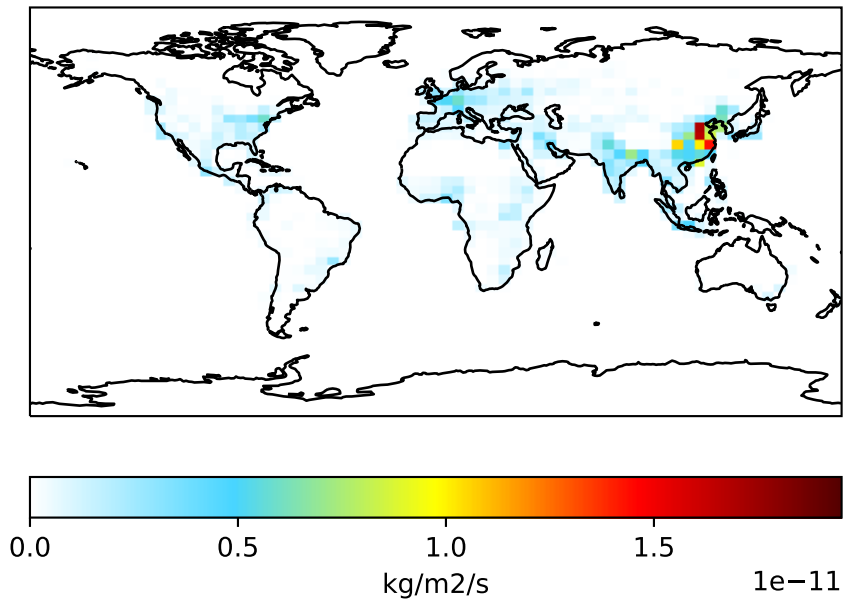
EmisMEK_Anthro (Apr2019)

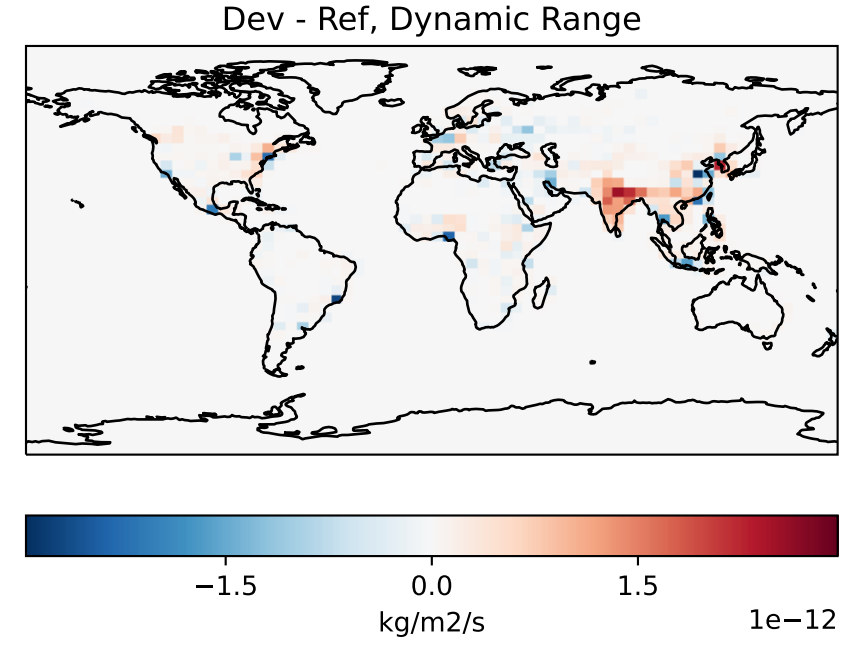
GCC_13.0.0 (Ref)
4.0x5.0



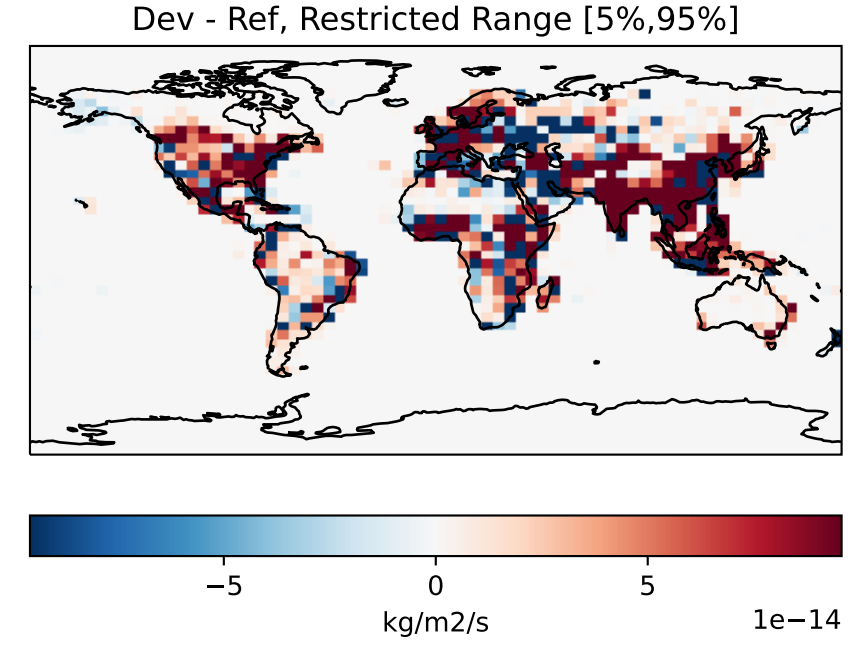
GCC_14.0.0 (Dev)
4.0x5.0



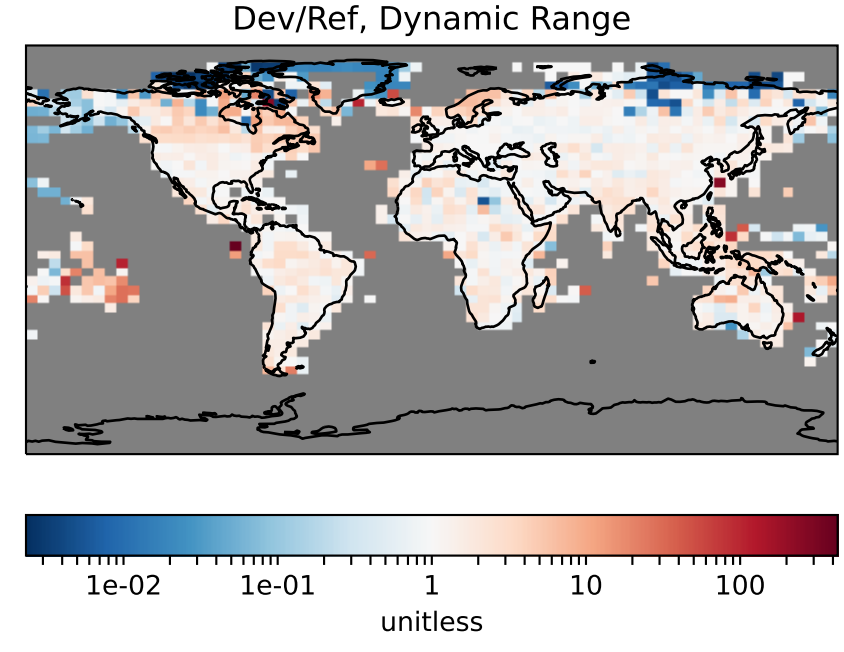
Difference
Dev - Ref, Dynamic Range



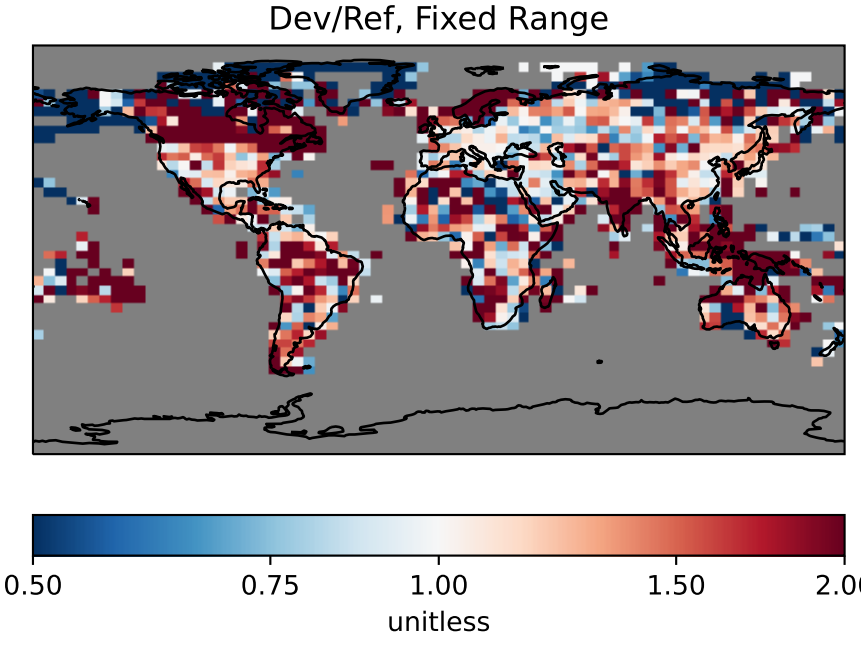
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

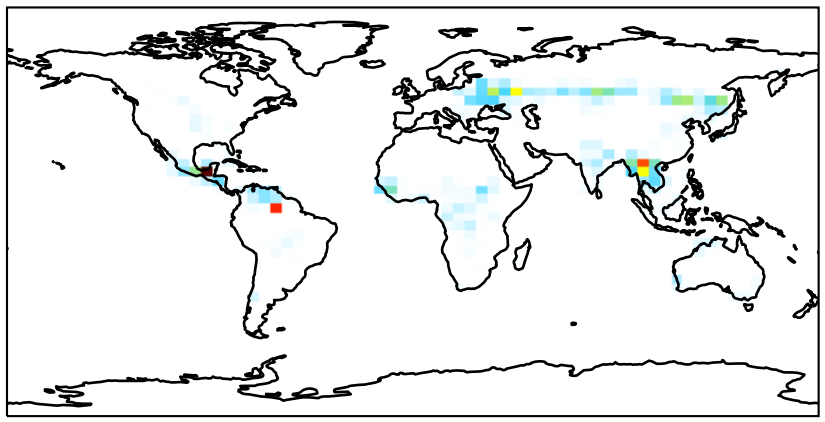


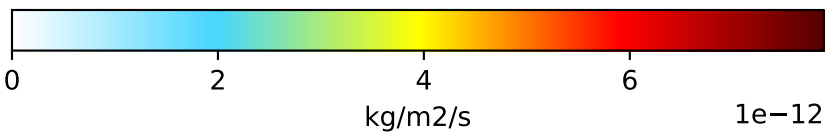
Ratio
Dev/Ref, Fixed Range



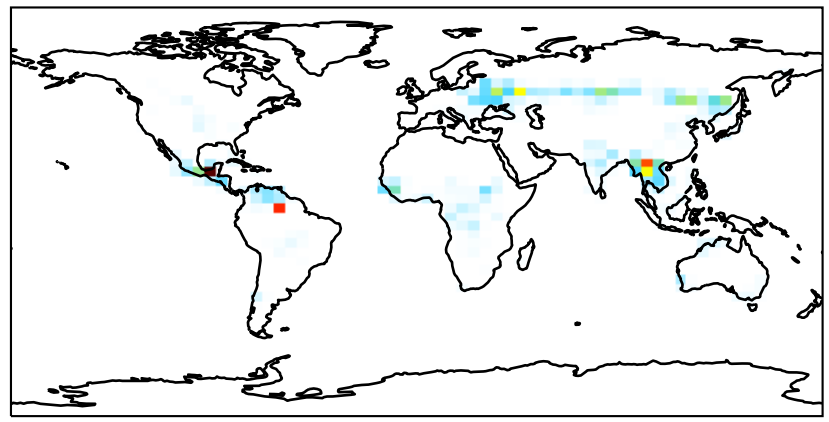
EmisMEK_BioBurn (Apr2019)

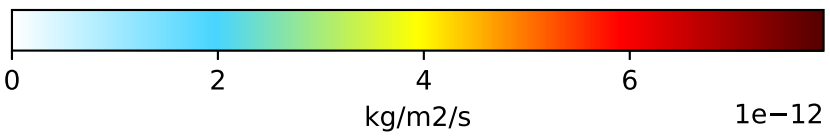
GCC_13.0.0 (Ref)
4.0x5.0



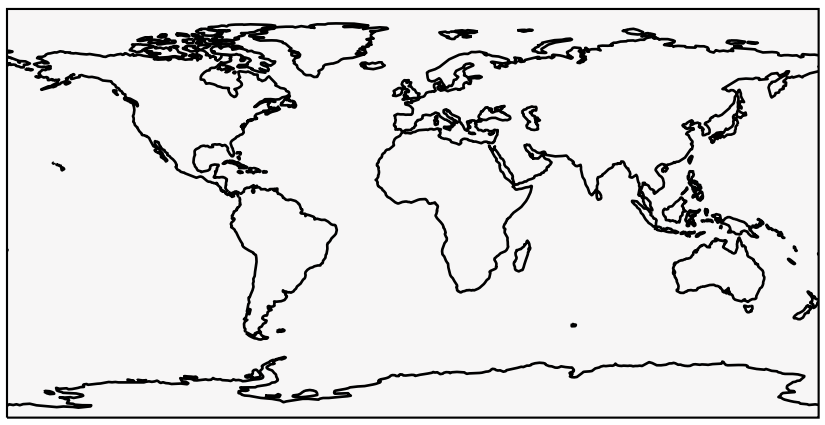


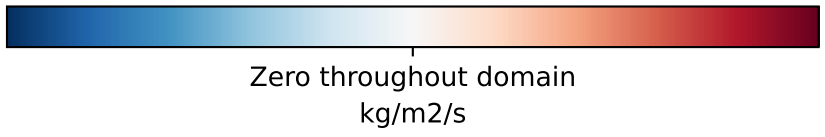
GCC_14.0.0 (Dev)
4.0x5.0



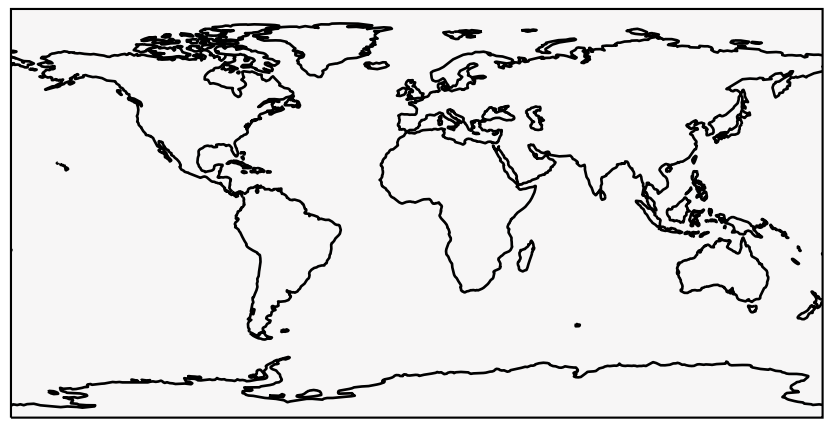


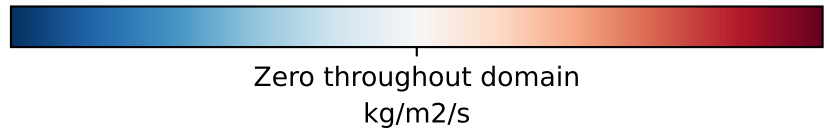
Difference
Dev - Ref, Dynamic Range



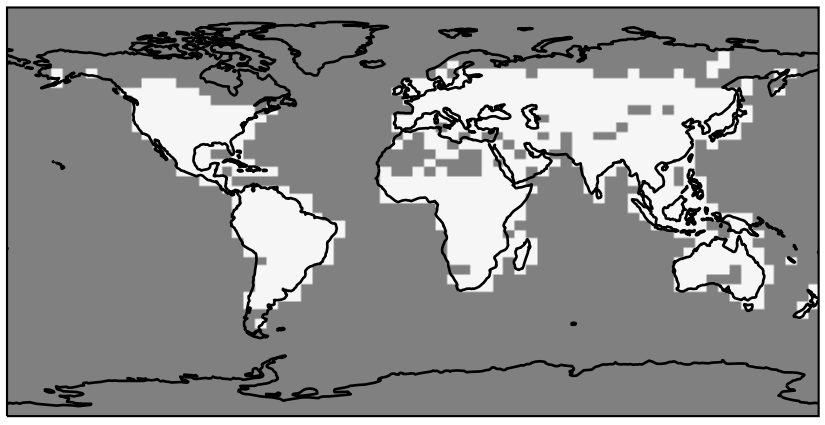


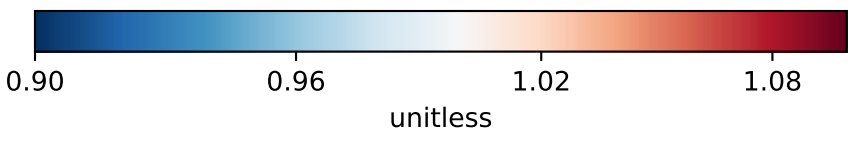
Difference
Dev - Ref, Restricted Range [5%,95%]



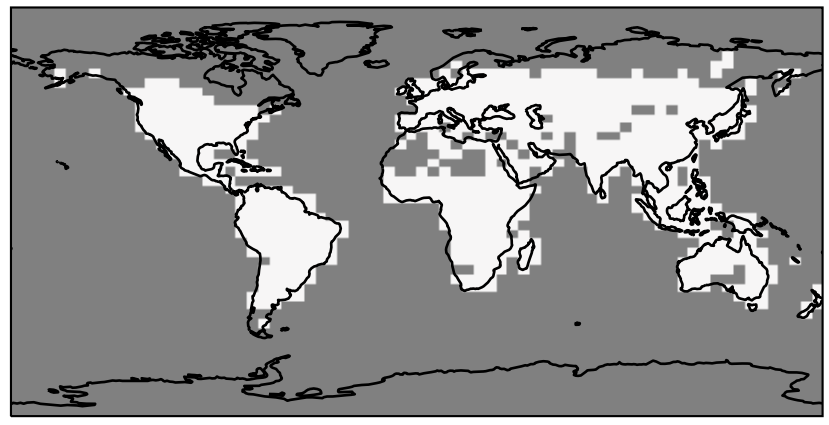


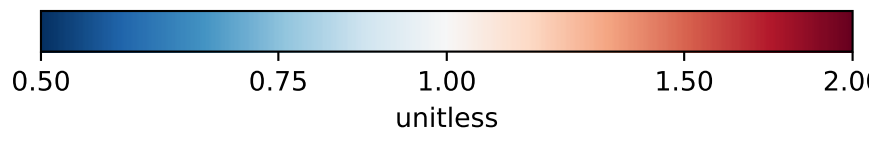
Ratio
Dev/Ref, Dynamic Range





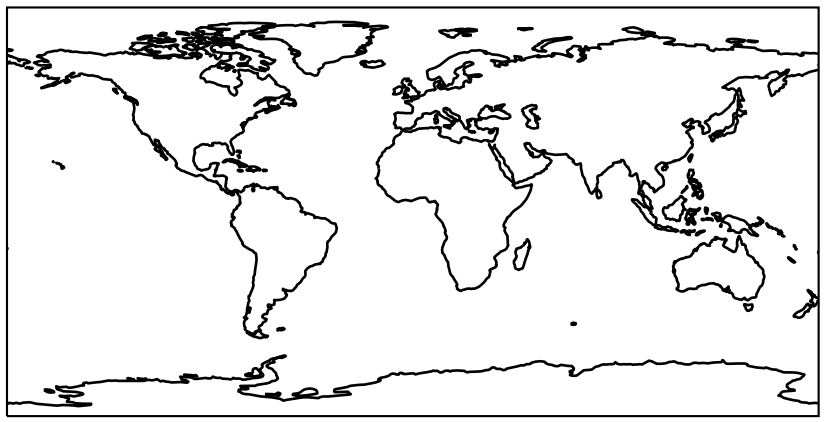
Ratio
Dev/Ref, Fixed Range





EmisMEK_Ship (Apr2019)

GCC_13.0.0 (Ref)
4.0x5.0



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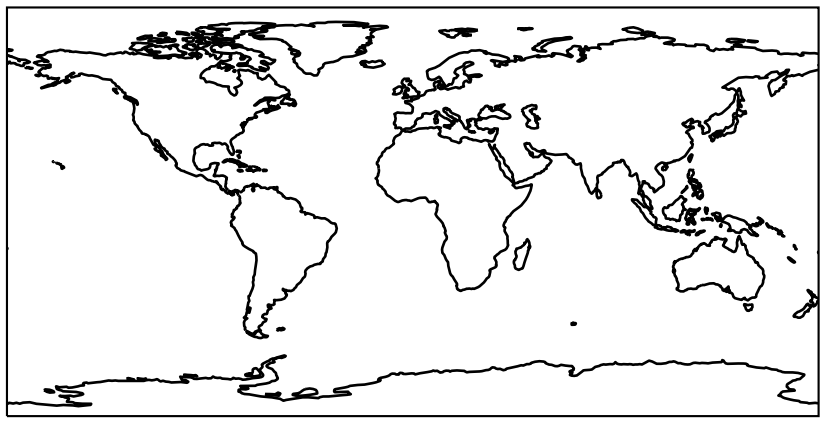
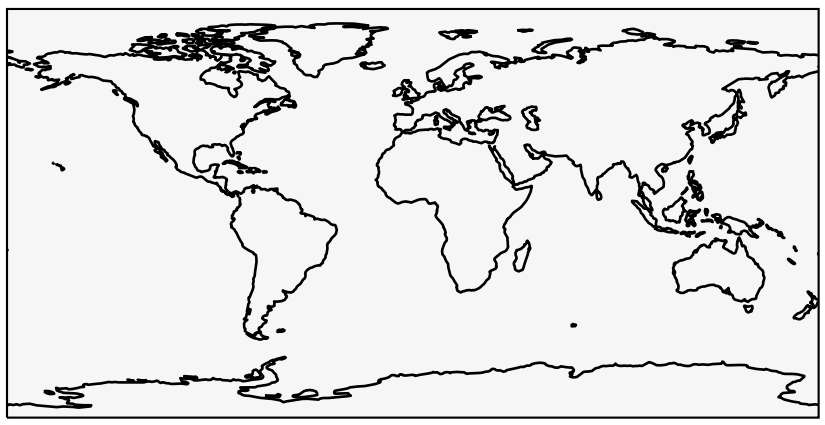
kg/m2/s

GCC_14.0.0 (Dev)
4.0x5.0



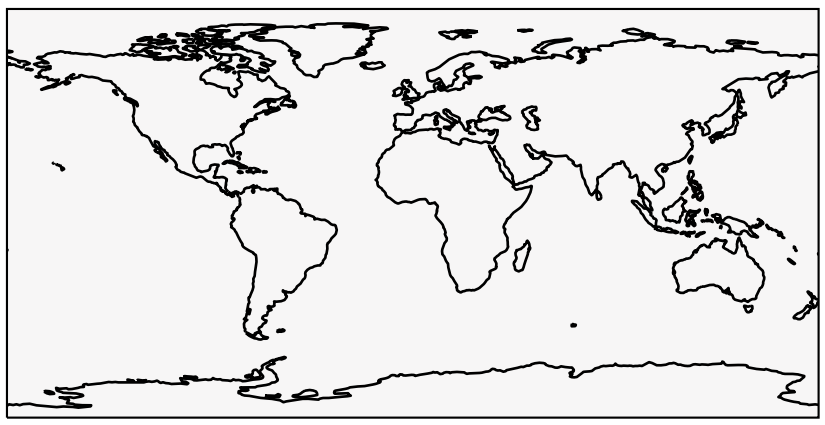
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m2/s

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



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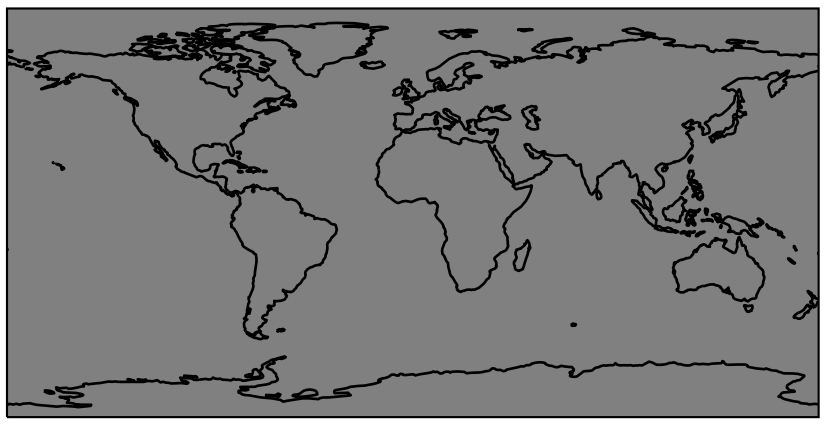
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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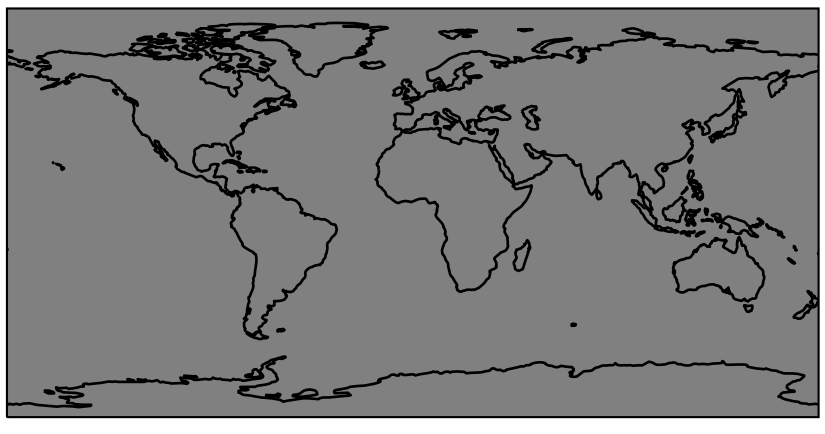
Ratio
Dev/Ref, Fixed Range



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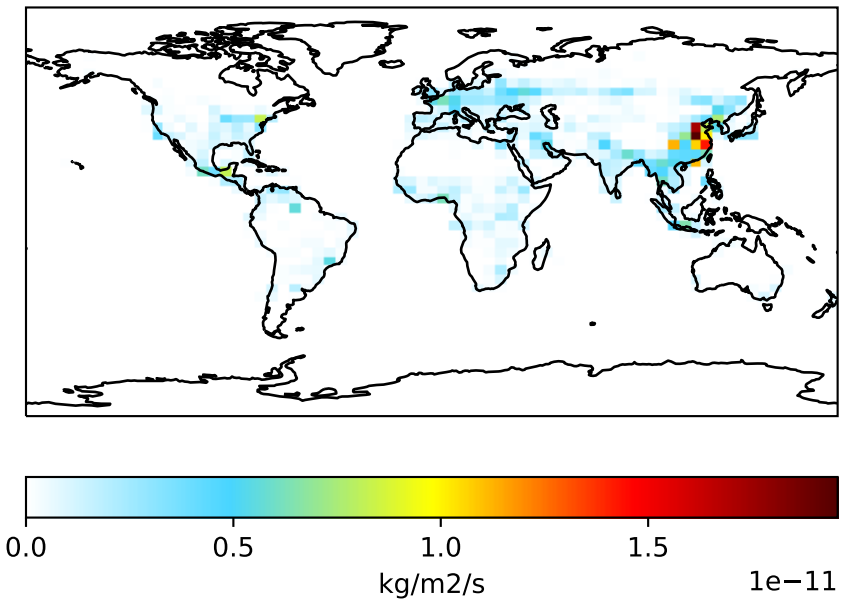
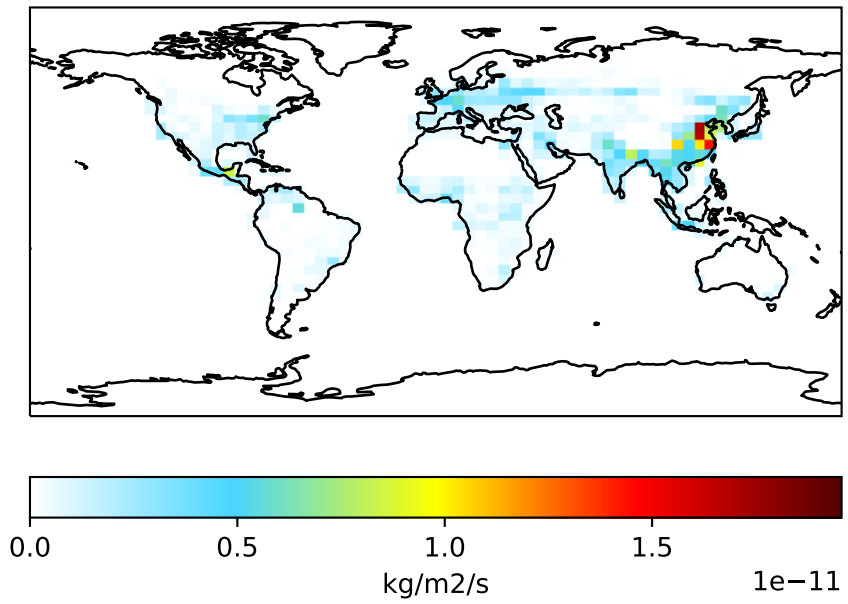
EmisMEK_Total (Apr2019)

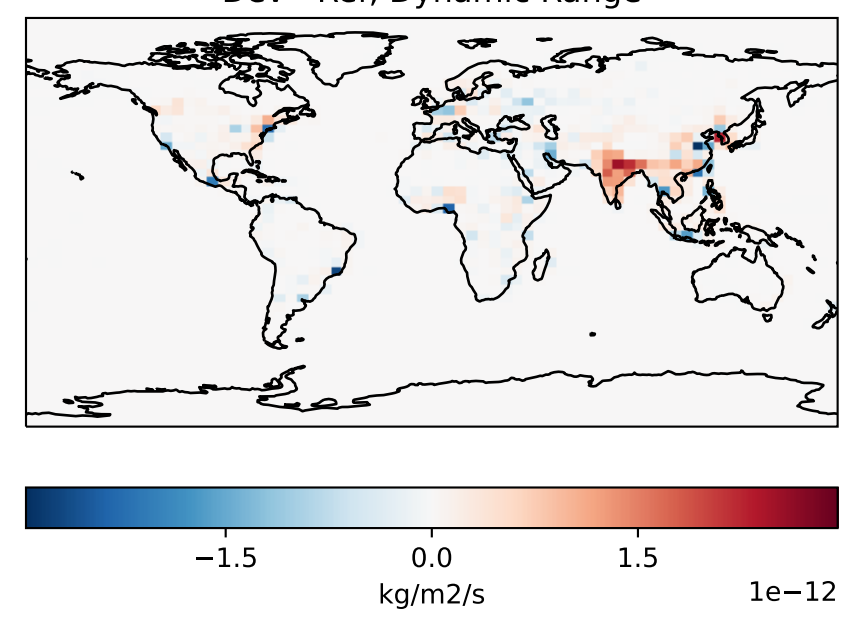
GCC_13.0.0 (Ref)
4.0x5.0



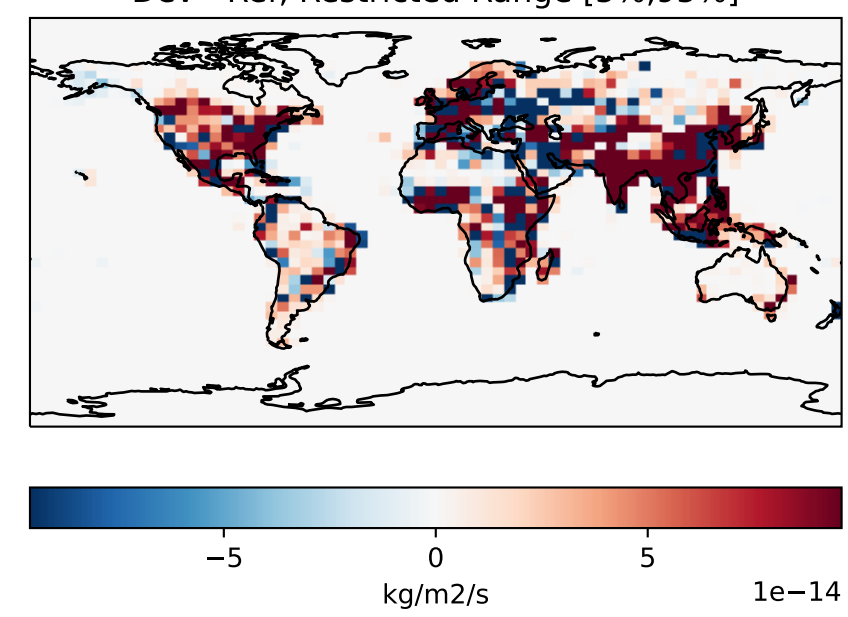
GCC_14.0.0 (Dev)
4.0x5.0



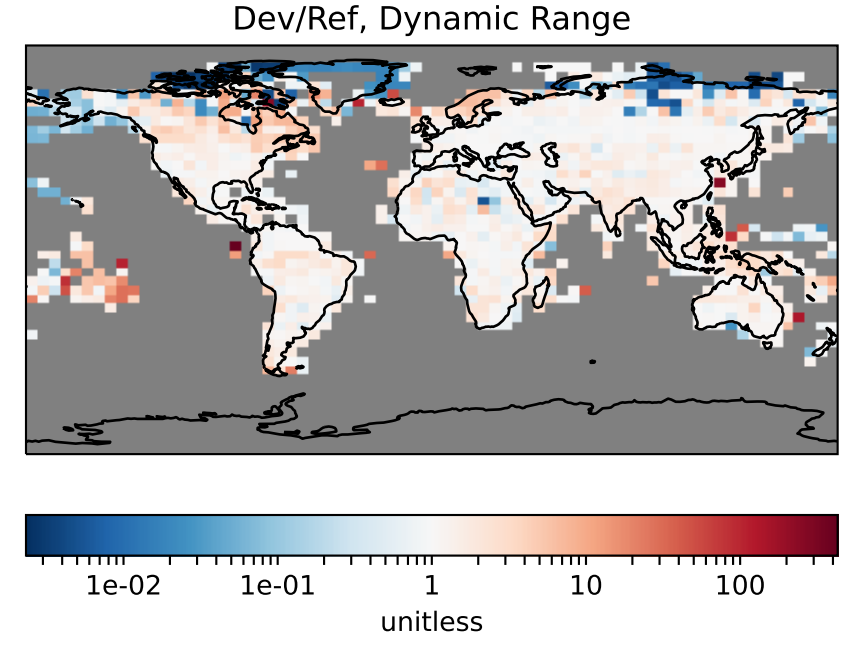
Difference
Dev - Ref, Dynamic Range



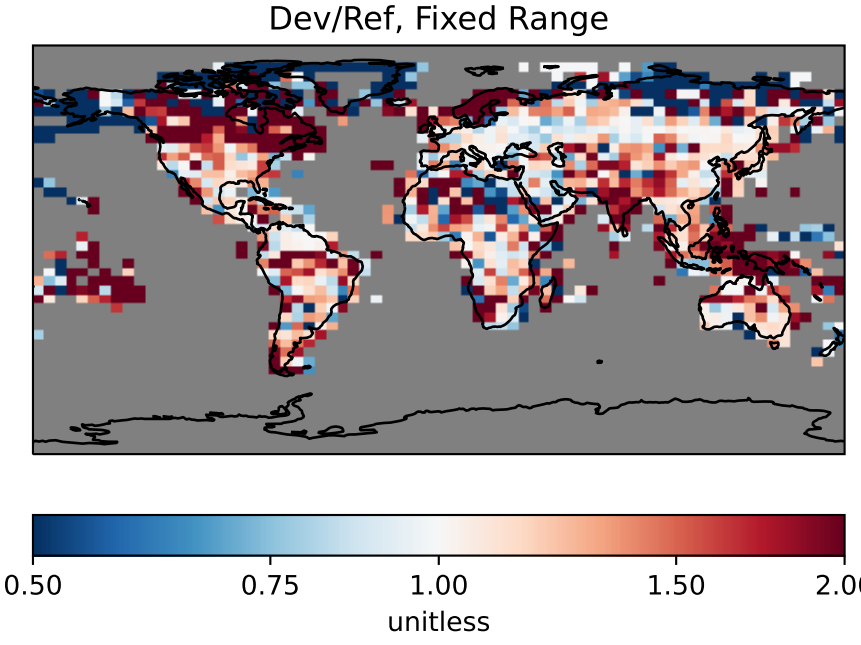
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

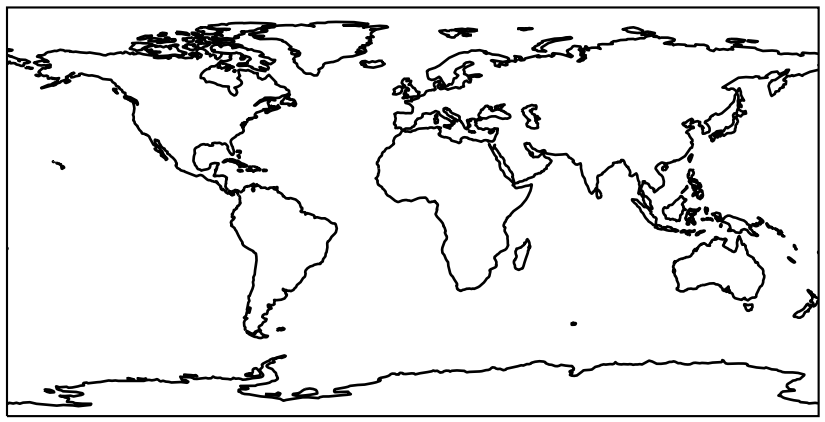


Ratio
Dev/Ref, Fixed Range



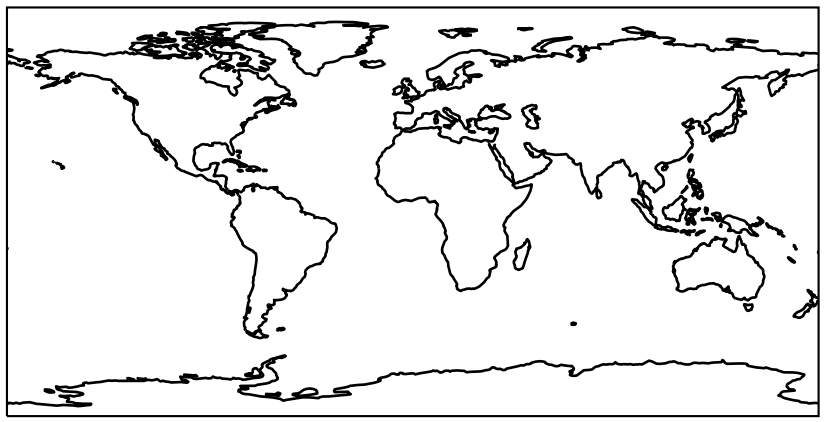
EmisMVK_Anthro (Apr2019)

GCC_13.0.0 (Ref)
4.0x5.0



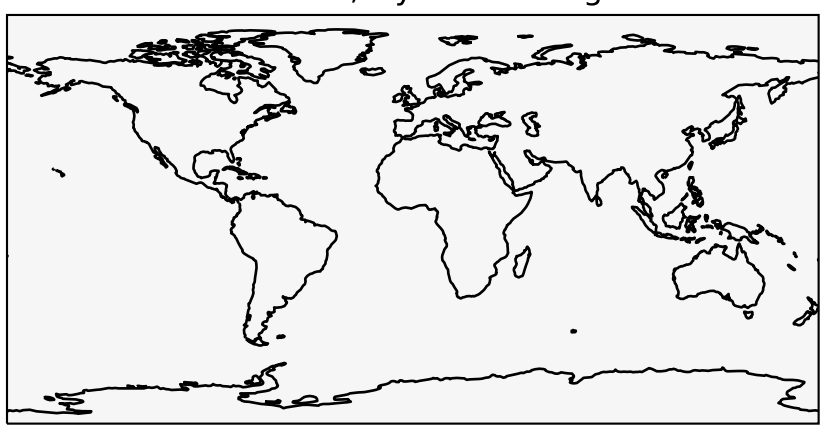
Zero throughout domain
kg/m2/s

GCC_14.0.0 (Dev)
4.0x5.0



Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



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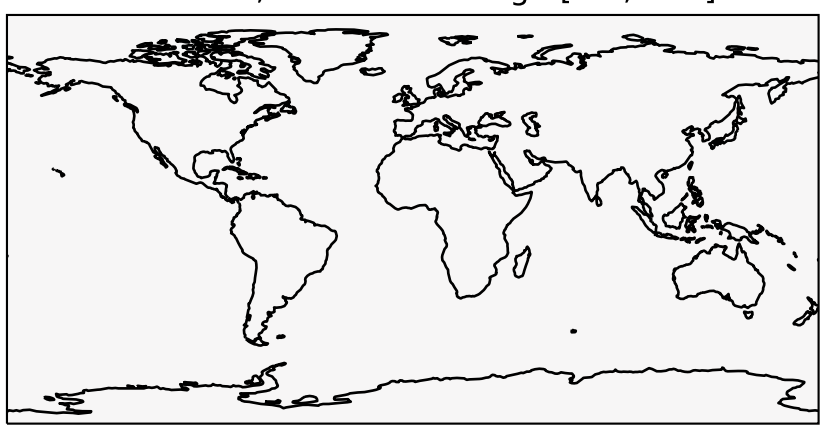
kg/m2/s

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



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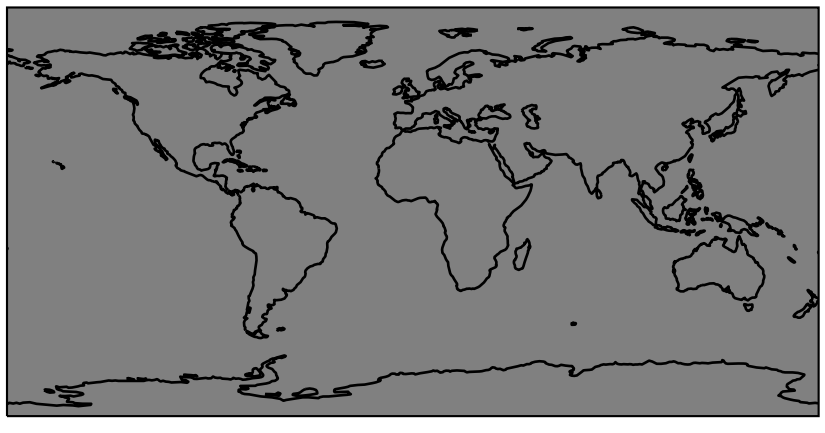
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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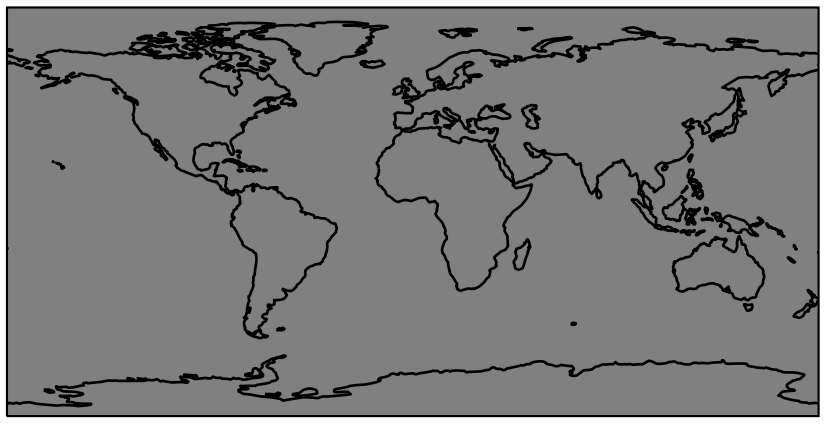
Ratio
Dev/Ref, Fixed Range



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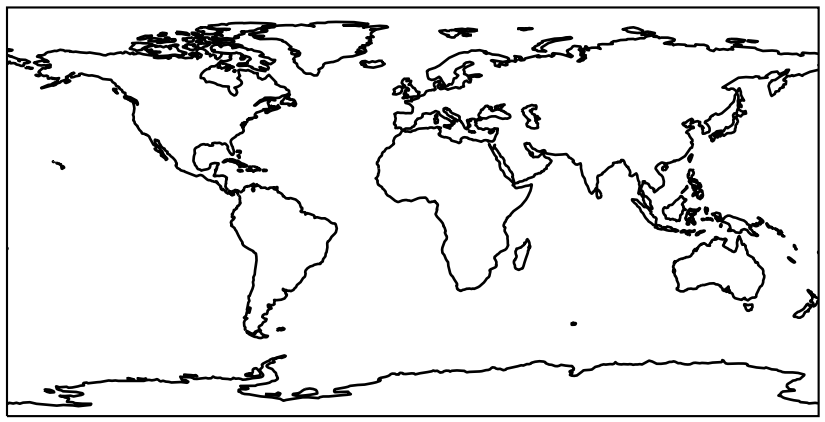
EmisGLYC_Anthro (Apr2019)

GCC_13.0.0 (Ref)
4.0x5.0



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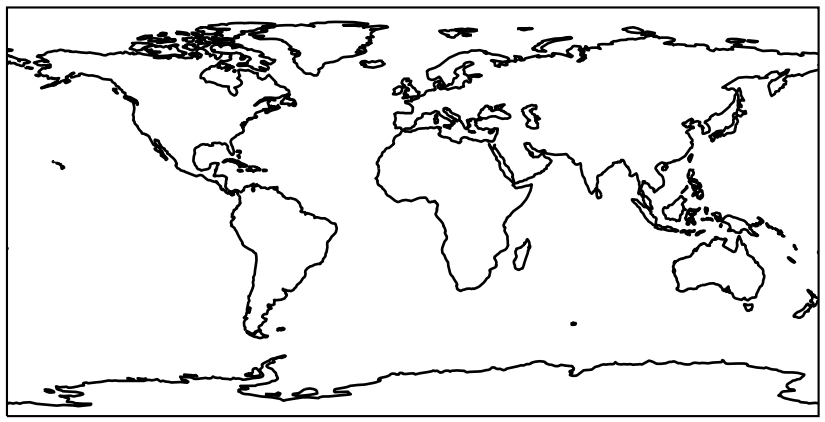
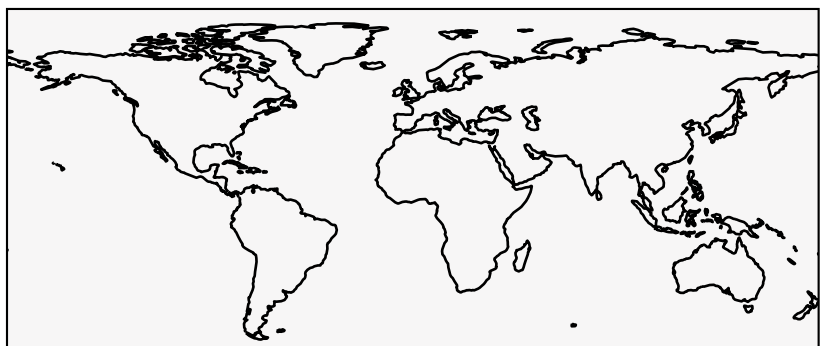
kg/m2/s

GCC_14.0.0 (Dev)
4.0x5.0



Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



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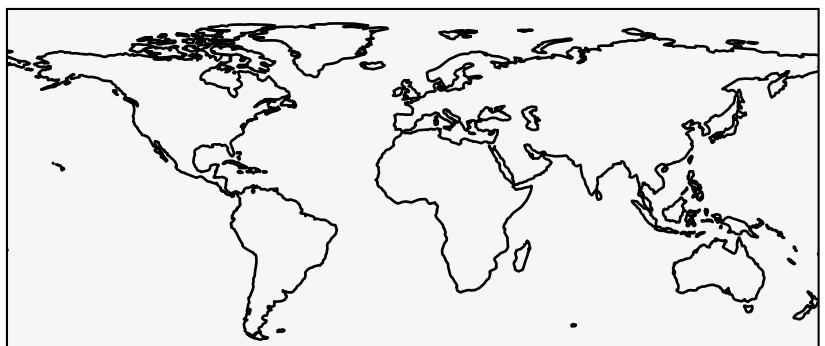
kg/m2/s

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



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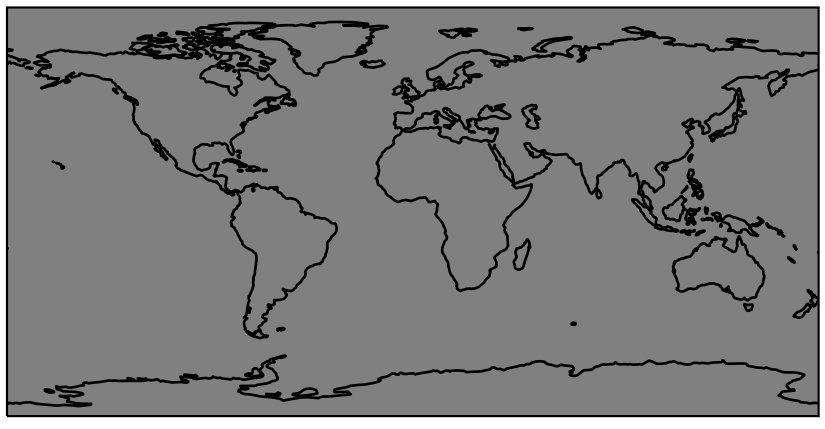
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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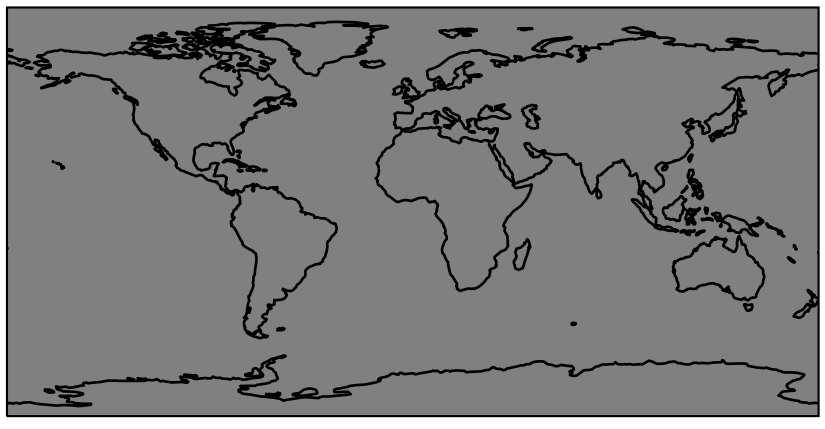
Ratio
Dev/Ref, Fixed Range



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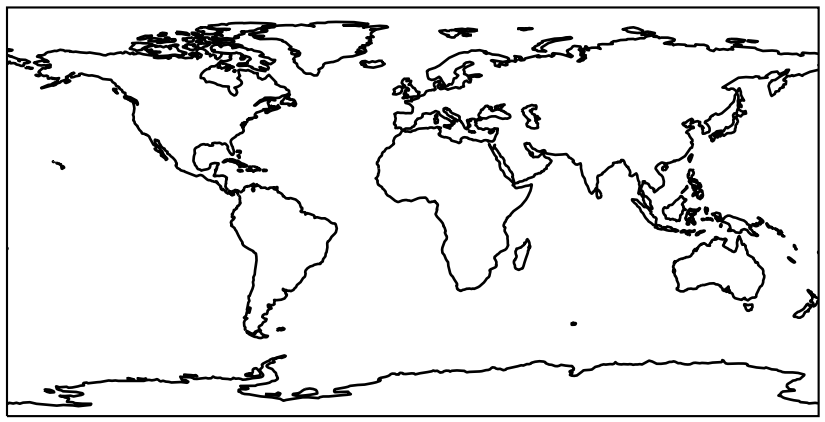
EmisGLYC_Total (Apr2019)

GCC_13.0.0 (Ref)
4.0x5.0



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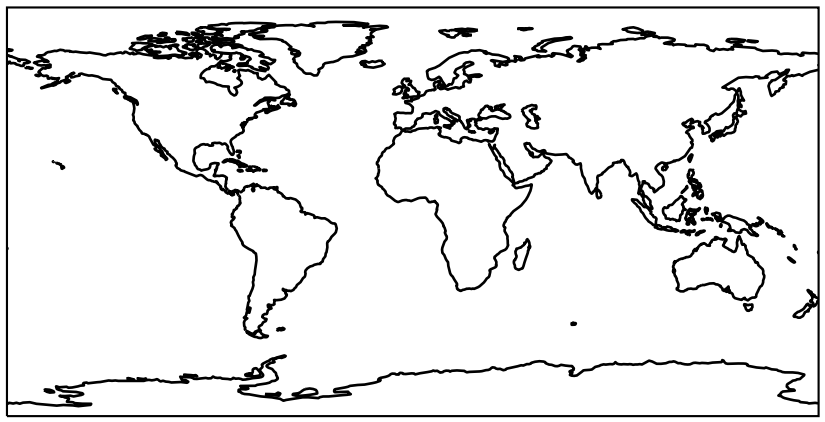
kg/m2/s

GCC_14.0.0 (Dev)
4.0x5.0



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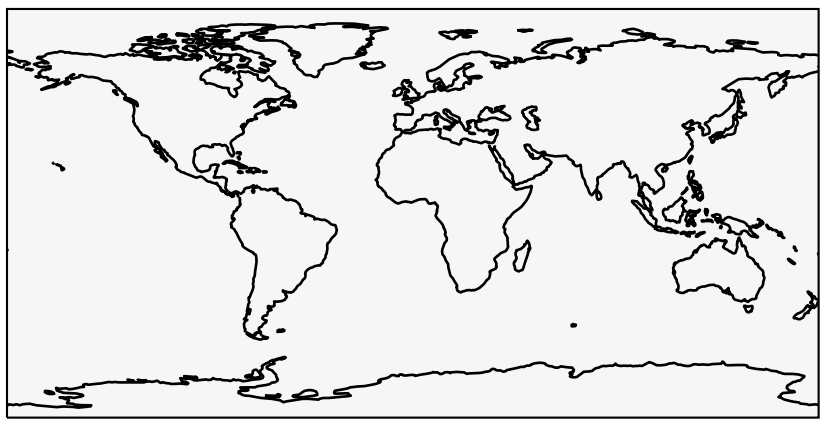
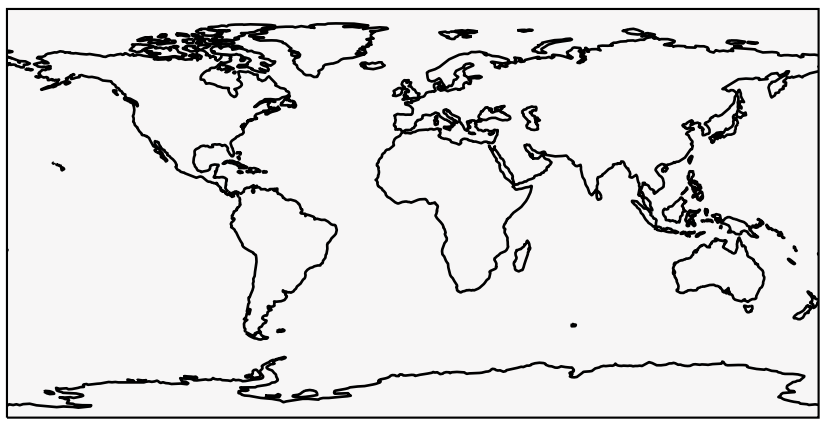
kg/m2/s

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m2/s

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



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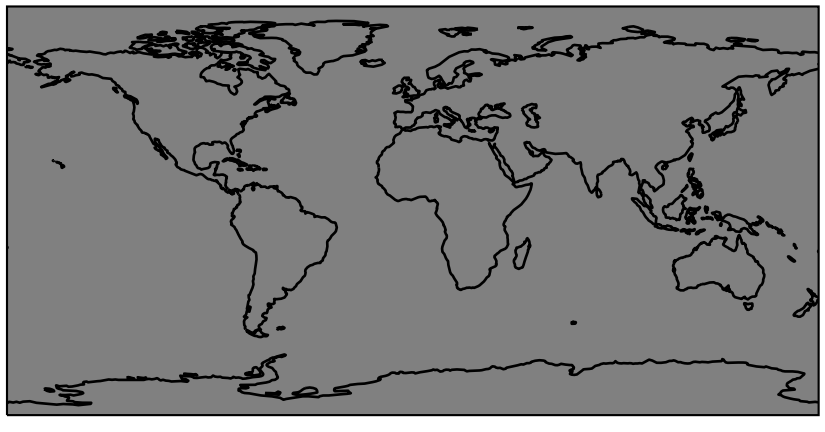
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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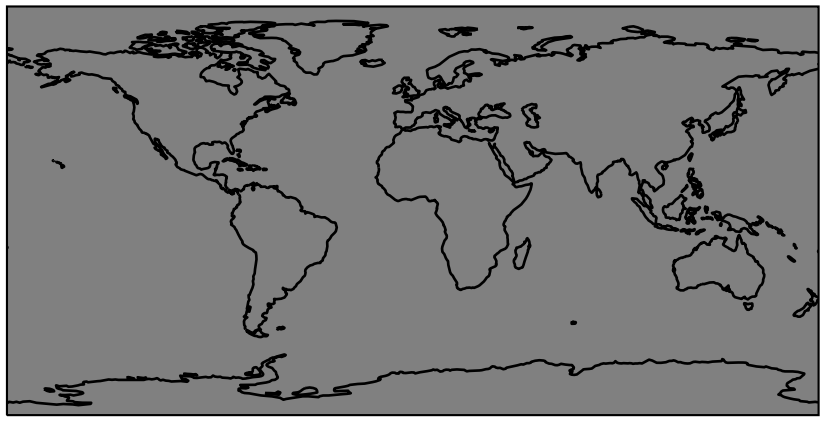
Ratio
Dev/Ref, Fixed Range



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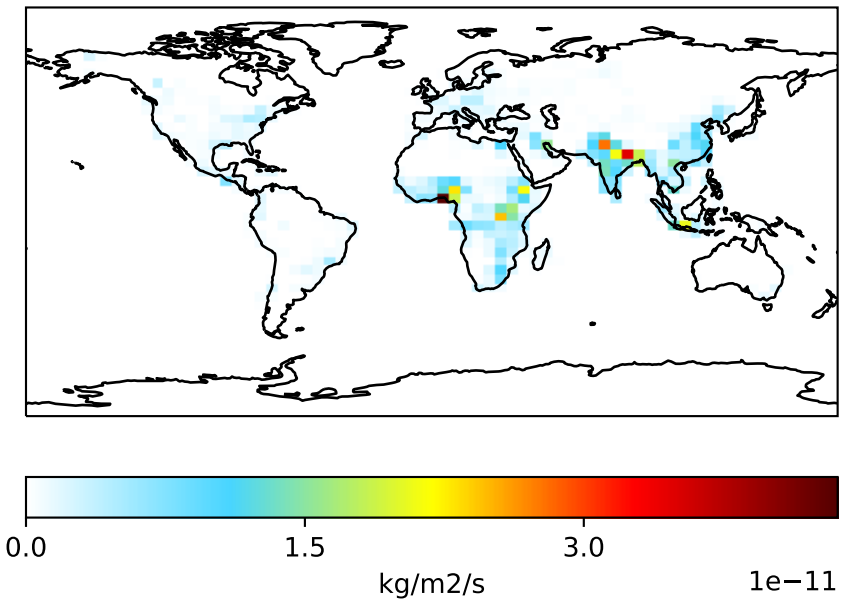
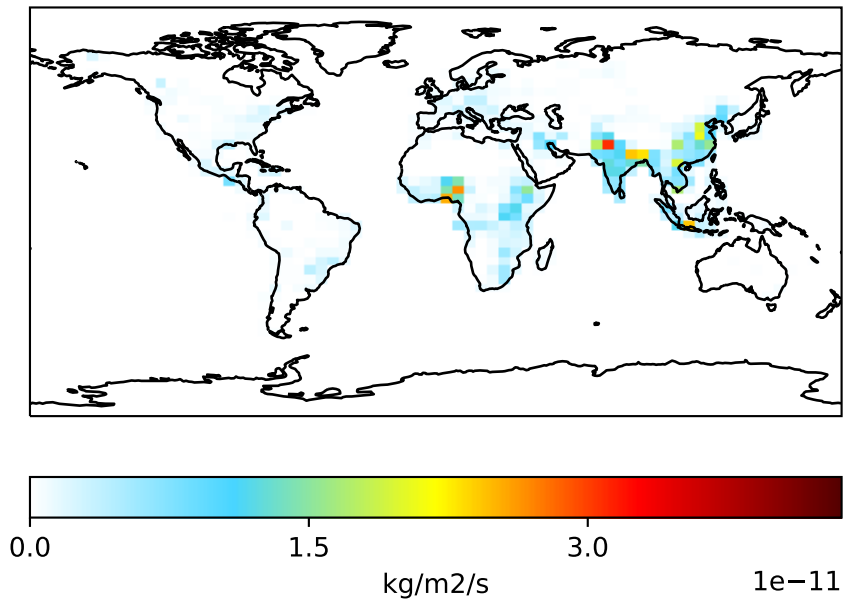
EmisHCOOH_Anthro (Apr2019)

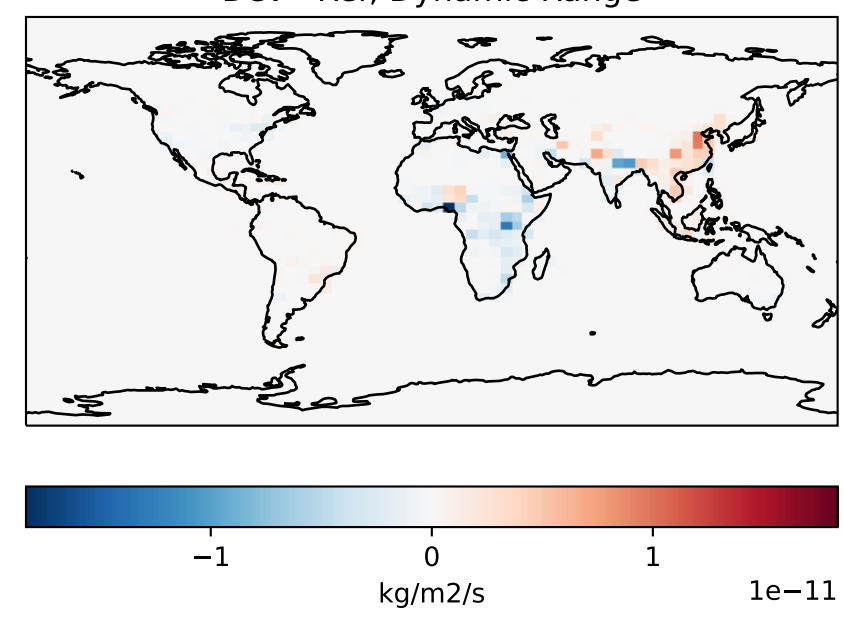
GCC_13.0.0 (Ref)
4.0x5.0



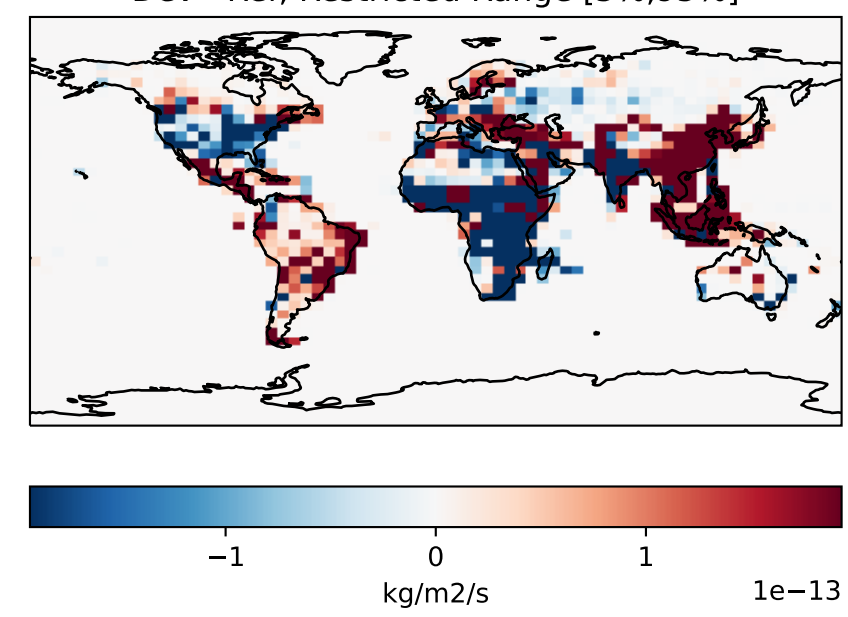
GCC_14.0.0 (Dev)
4.0x5.0



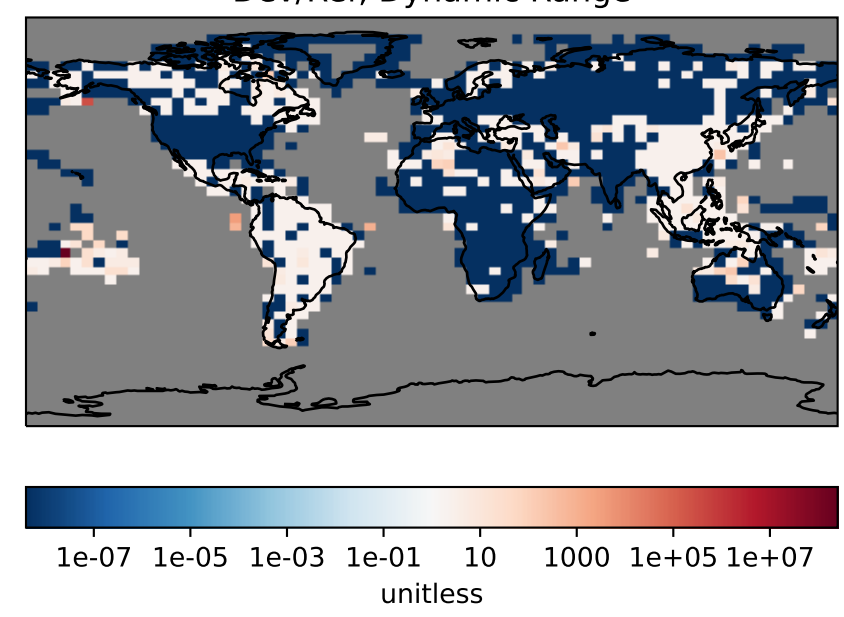
Difference
Dev - Ref, Dynamic Range



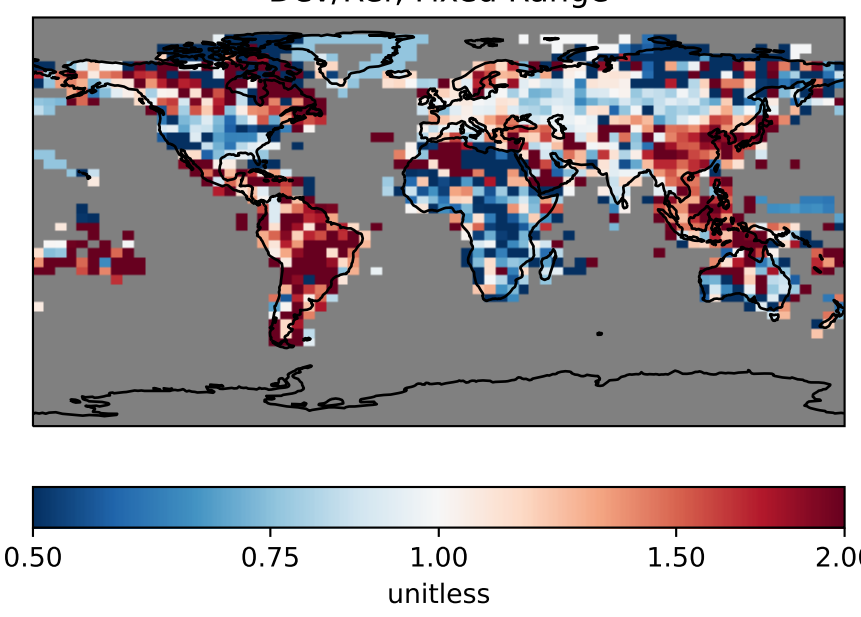
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

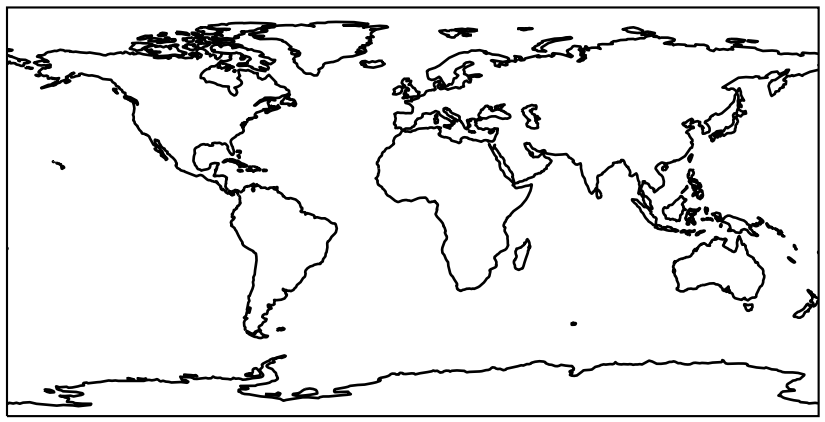


Ratio
Dev/Ref, Fixed Range



EmisHCOOH_Ship (Apr2019)

GCC_13.0.0 (Ref)
4.0x5.0



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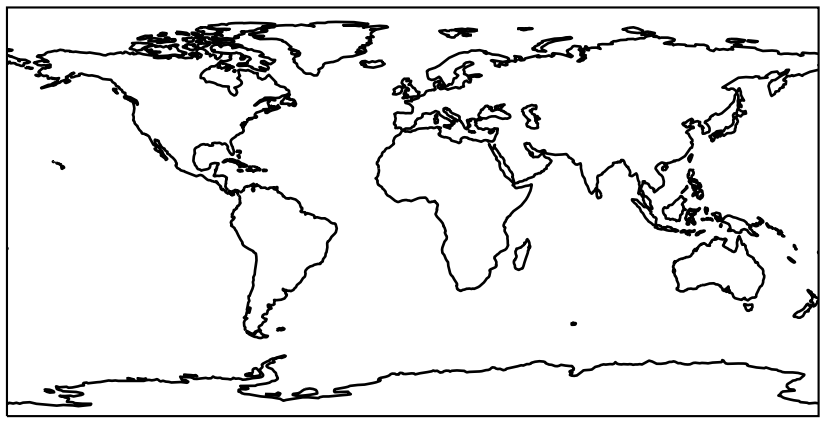
kg/m2/s

GCC_14.0.0 (Dev)
4.0x5.0



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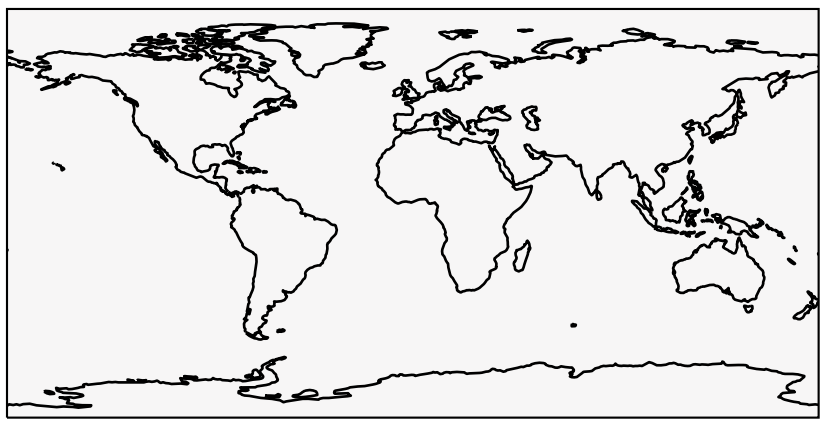
kg/m2/s

Difference
Dev - Ref, Dynamic Range



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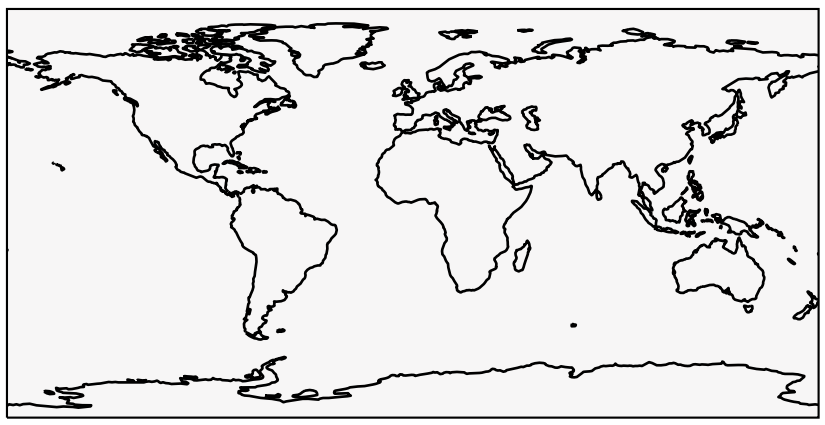
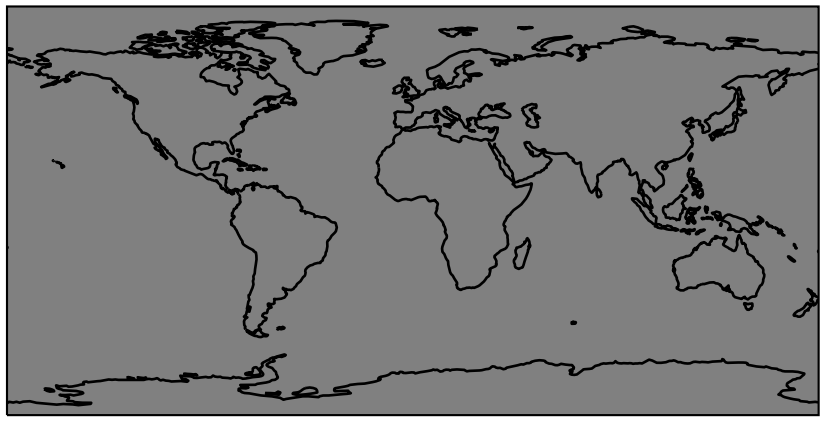
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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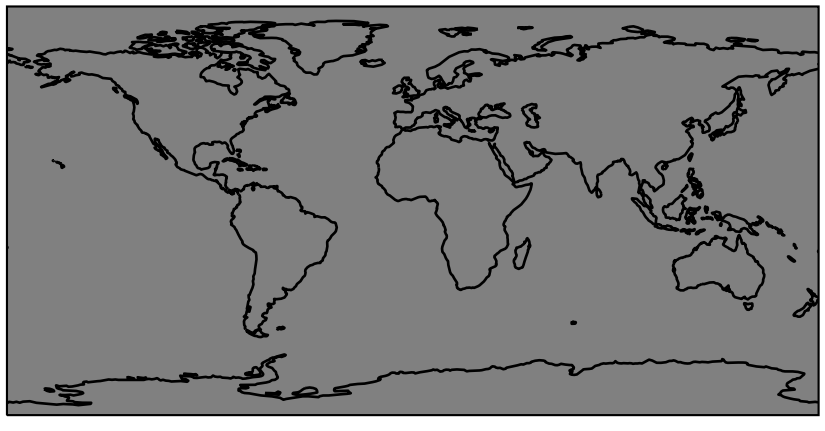
Ratio
Dev/Ref, Fixed Range



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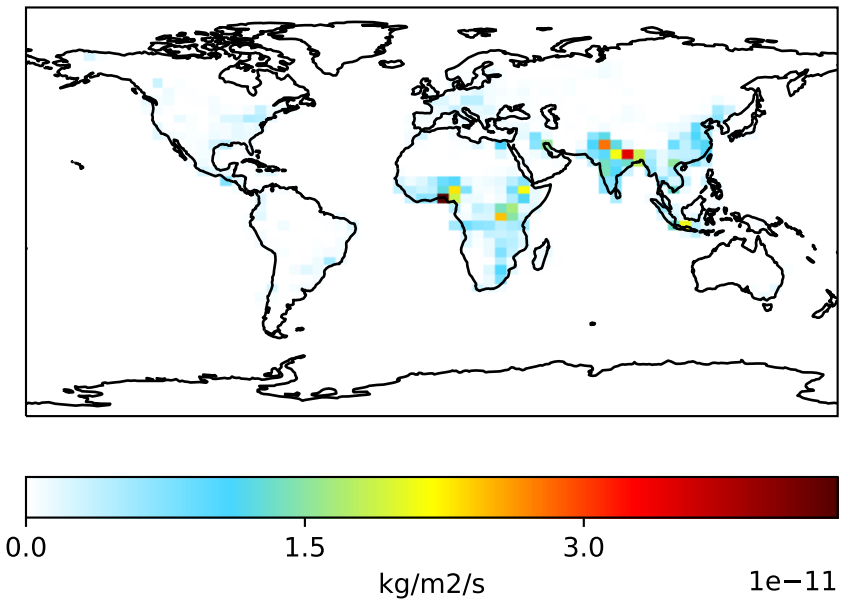
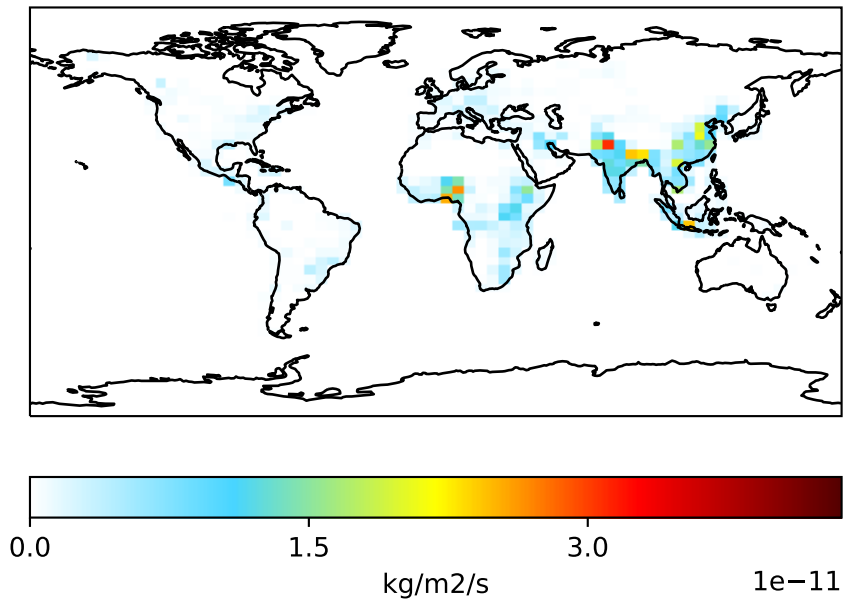
EmisHCOOH_Total (Apr2019)

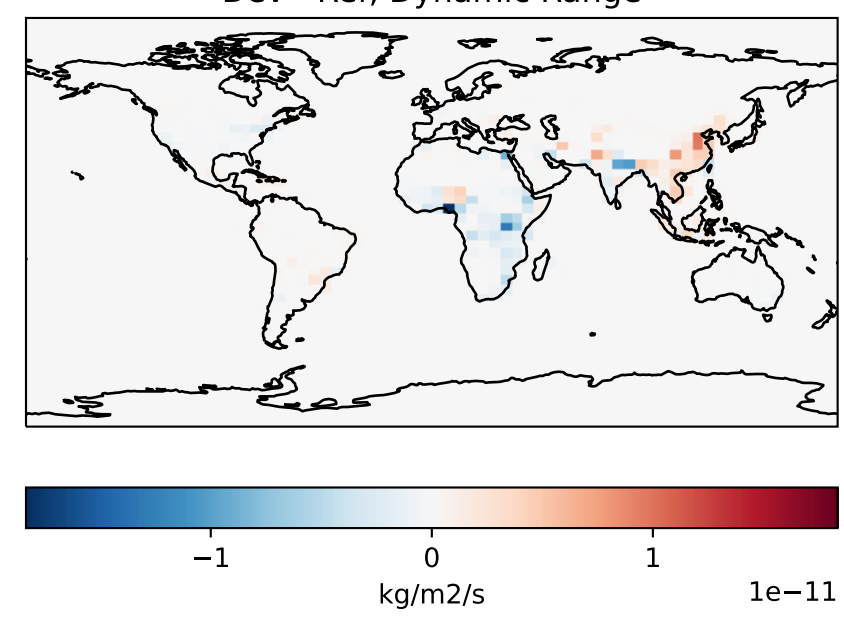
GCC_13.0.0 (Ref)
4.0x5.0



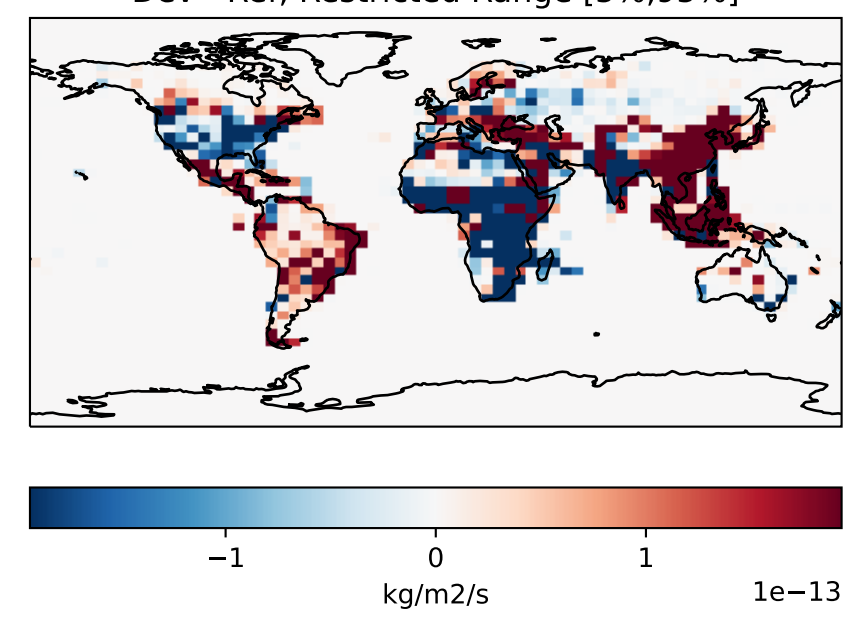
GCC_14.0.0 (Dev)
4.0x5.0



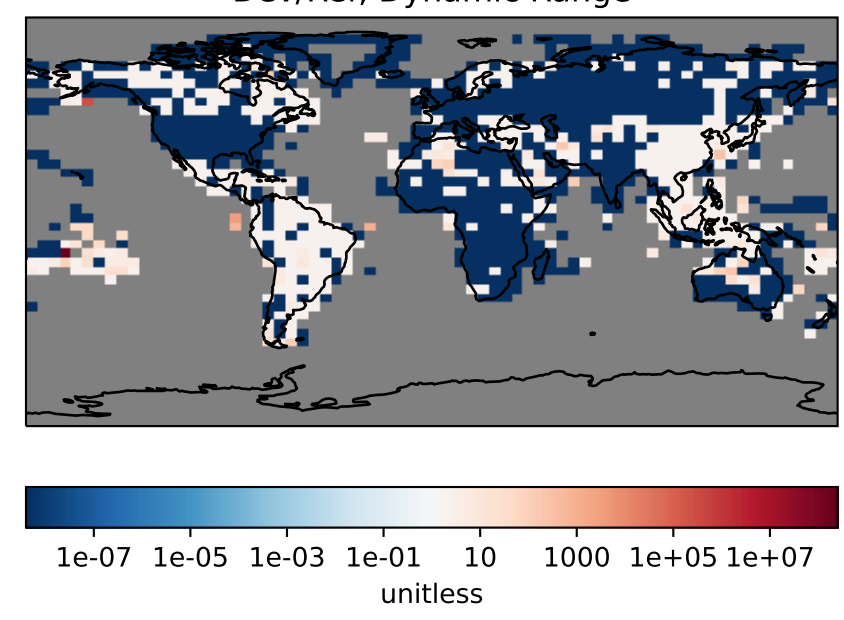
Difference
Dev - Ref, Dynamic Range



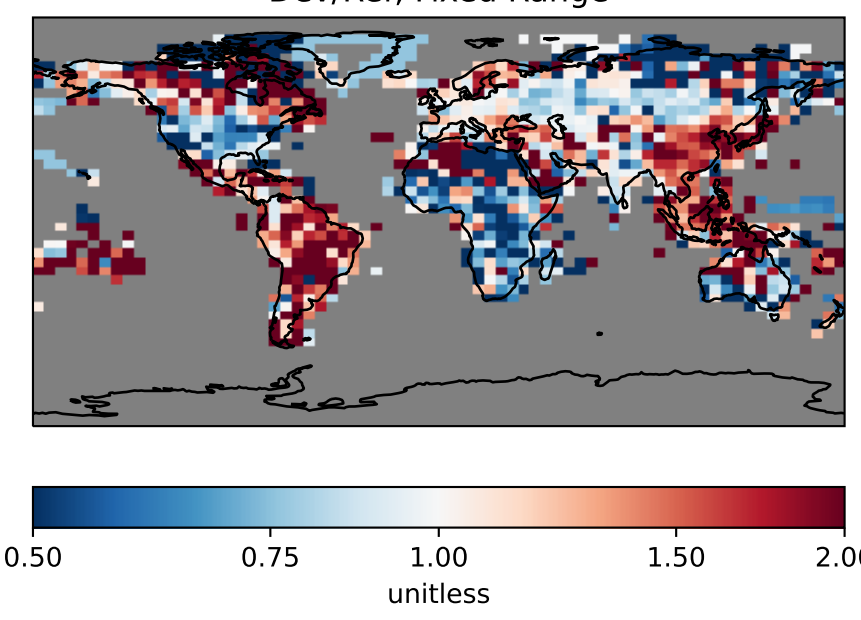
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

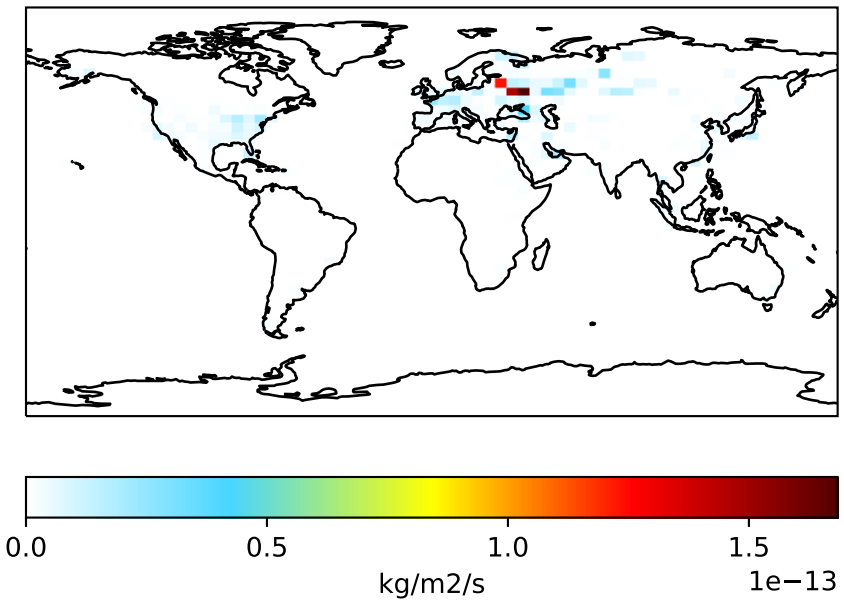


Ratio
Dev/Ref, Fixed Range

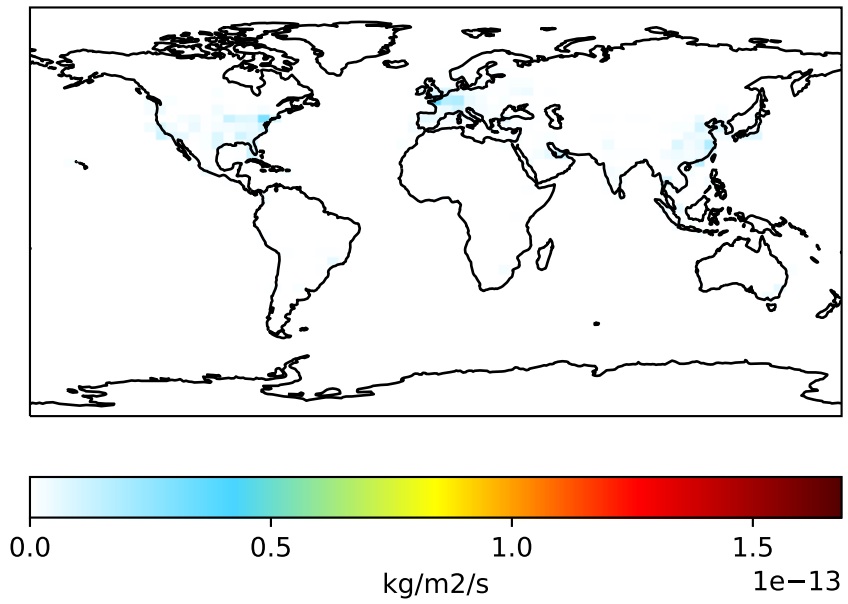


EmisRCHO_Aircraft (Apr2019)

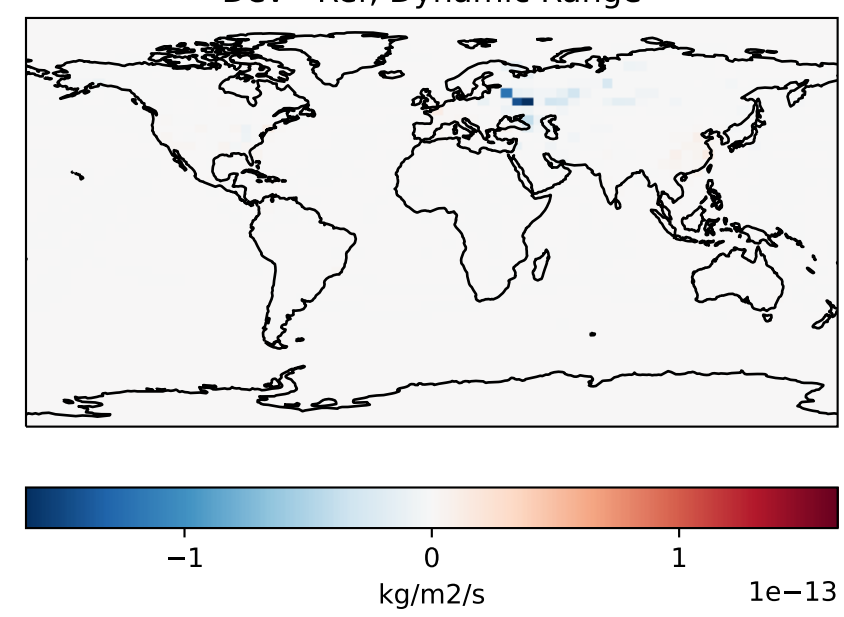
GCC_13.0.0 (Ref)
4.0x5.0



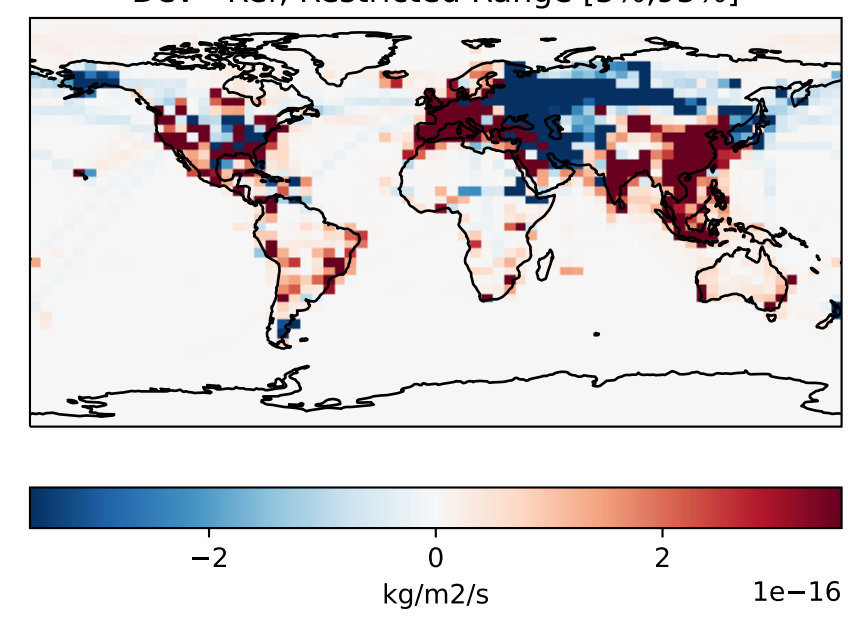
GCC_14.0.0 (Dev)
4.0x5.0



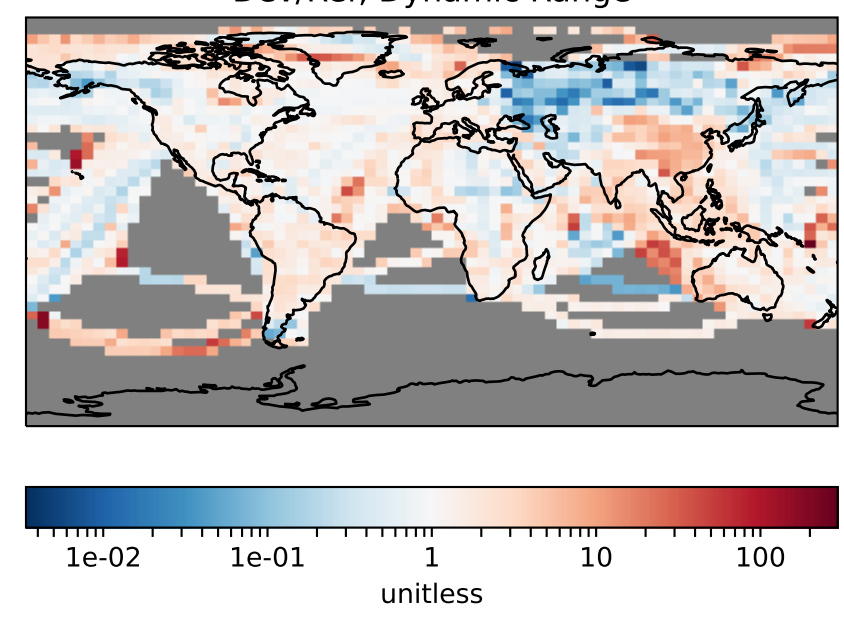
Difference
Dev - Ref, Dynamic Range



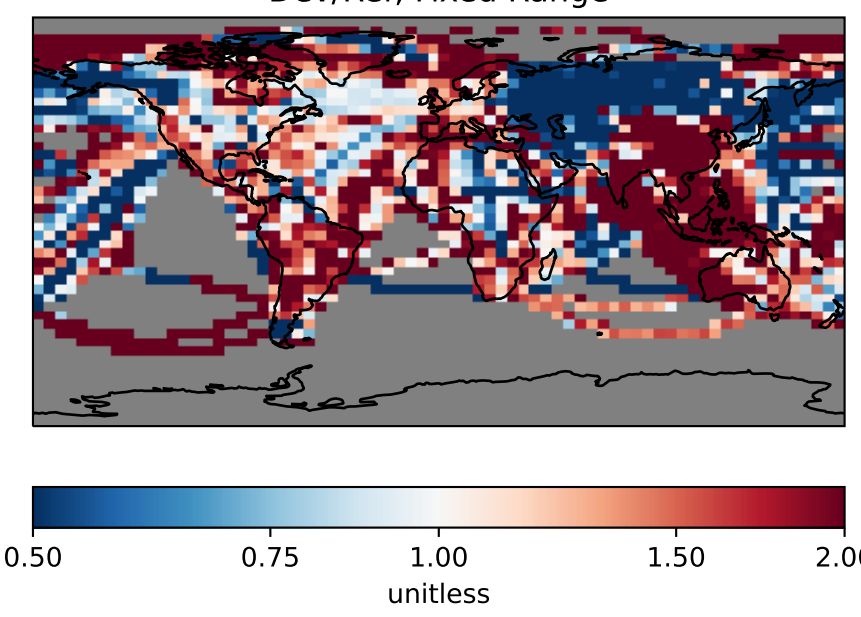
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

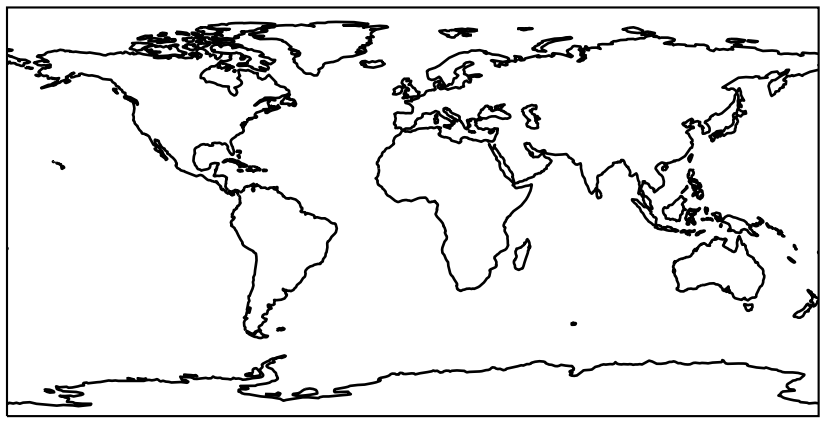


Ratio
Dev/Ref, Fixed Range



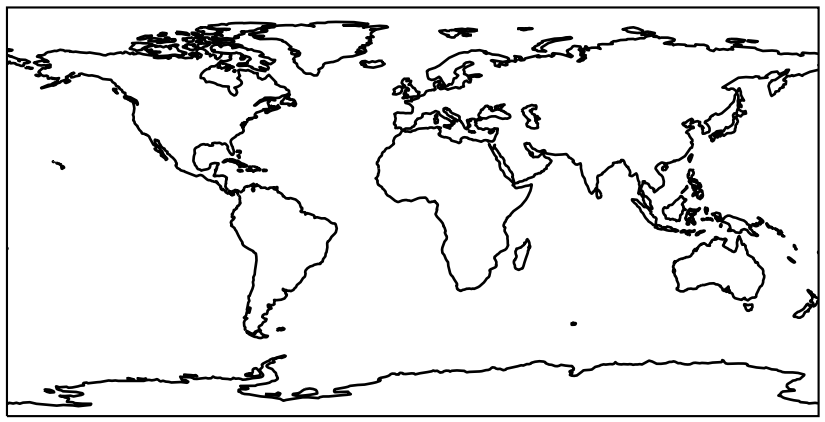
EmisRCHO_Anthro (Apr2019)

GCC_13.0.0 (Ref)
4.0x5.0



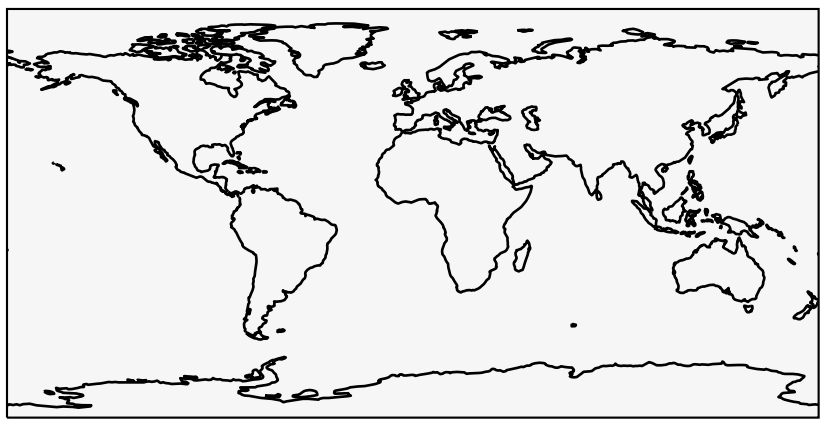
Zero throughout domain
kg/m2/s

GCC_14.0.0 (Dev)
4.0x5.0



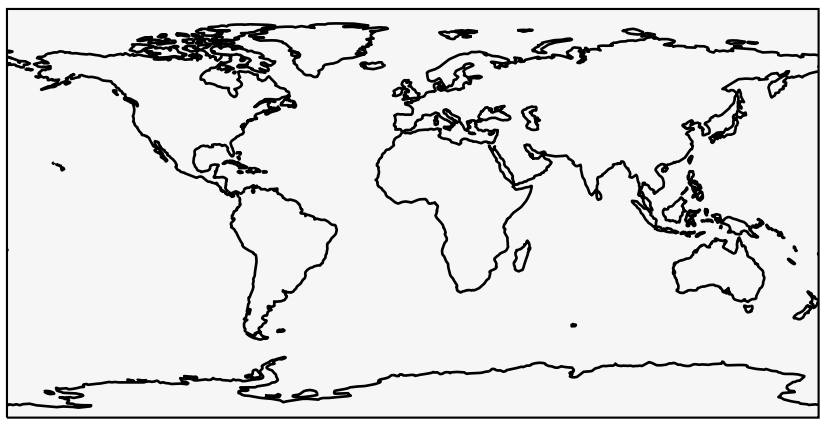
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



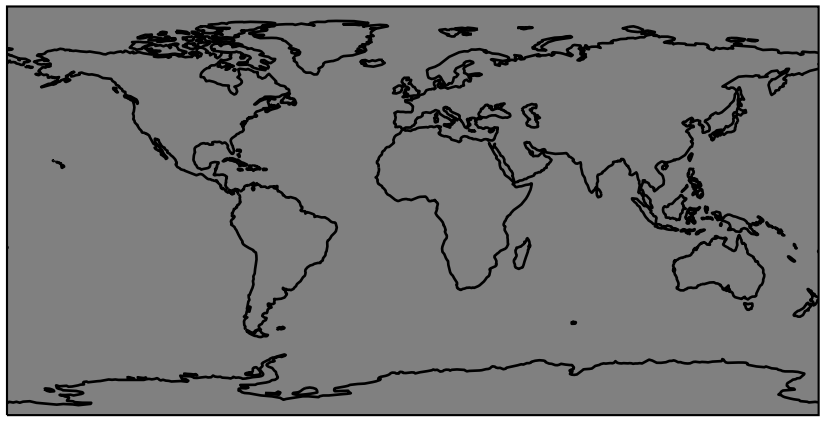
Zero throughout domain
kg/m2/s

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



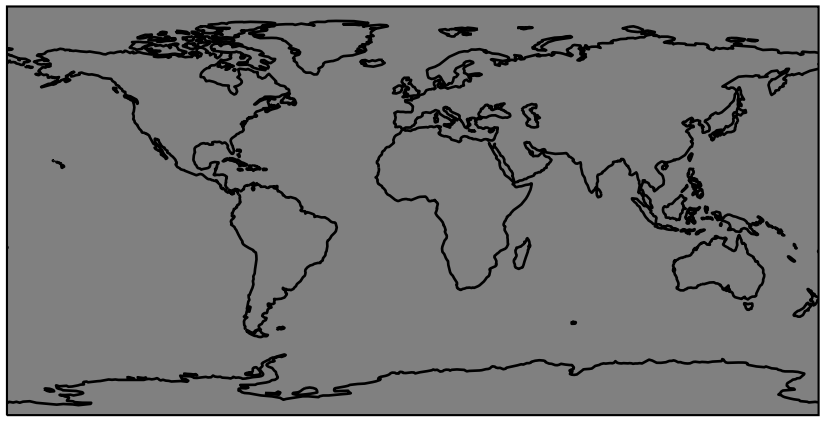
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

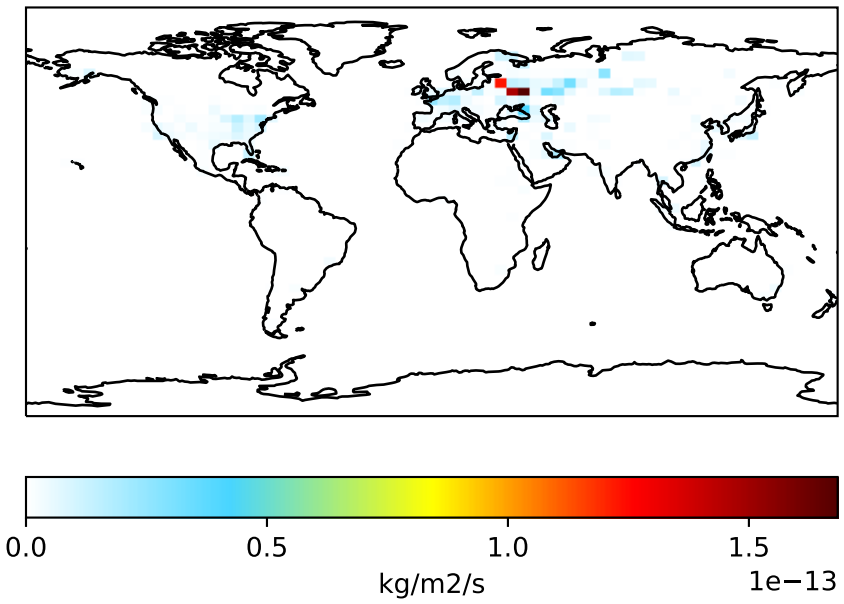
Ratio
Dev/Ref, Fixed Range



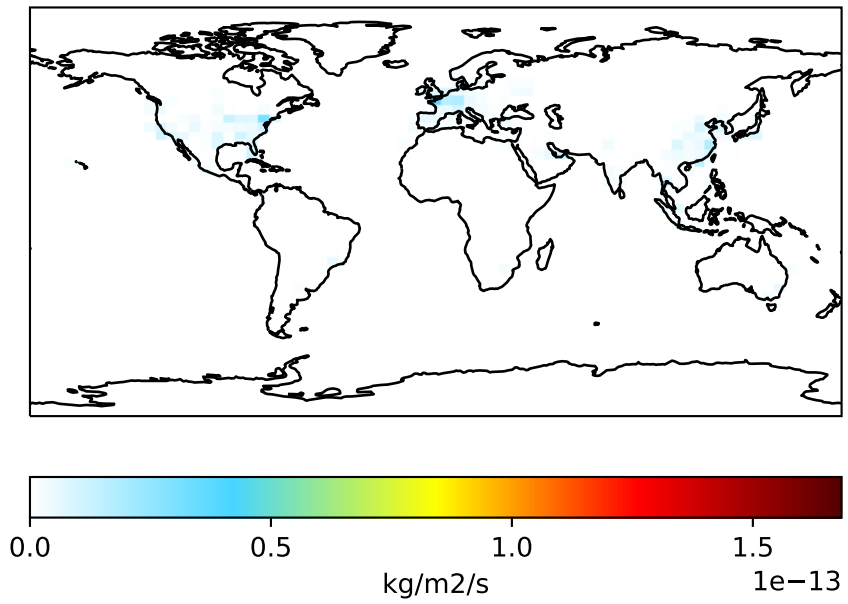
Undefined throughout domain
unitless

EmisRCHO_Total (Apr2019)

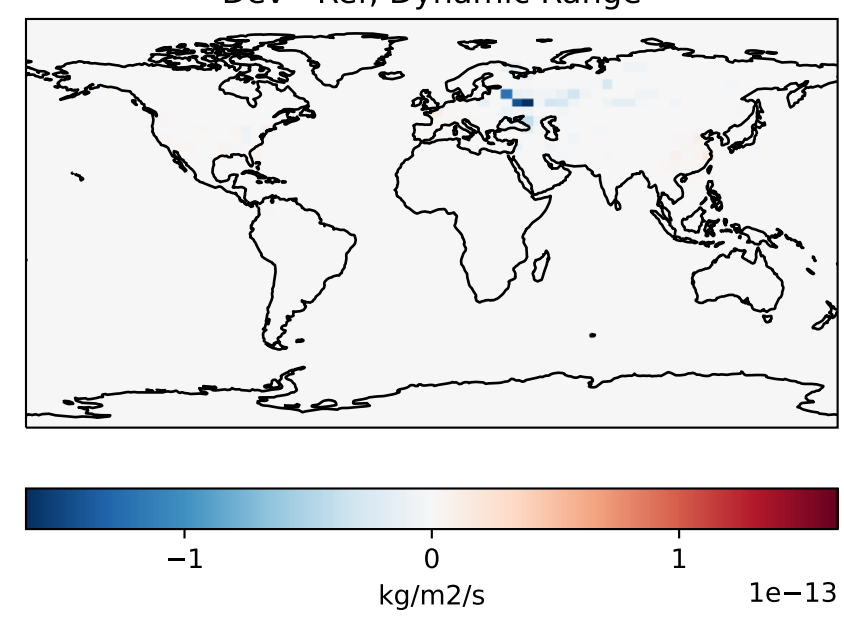
GCC_13.0.0 (Ref)
4.0x5.0



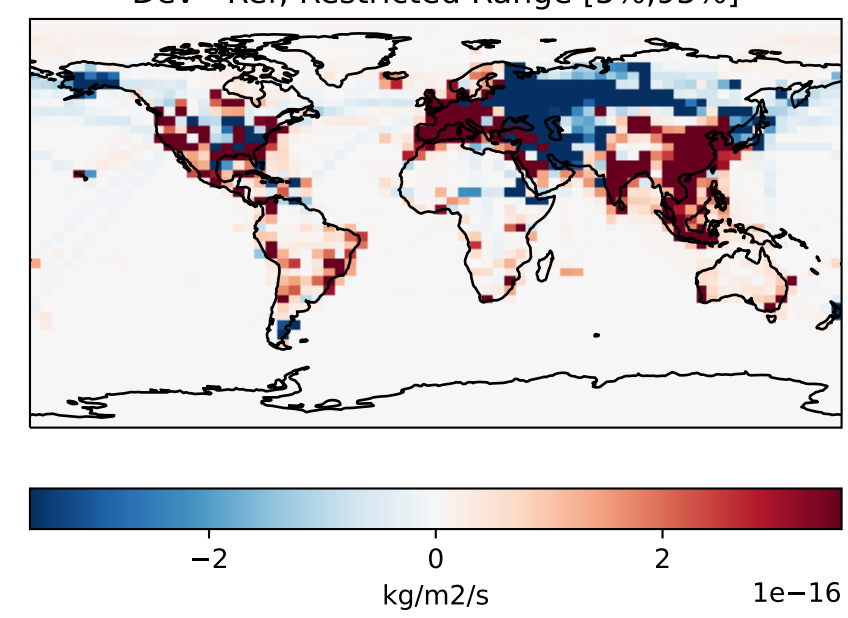
GCC_14.0.0 (Dev)
4.0x5.0



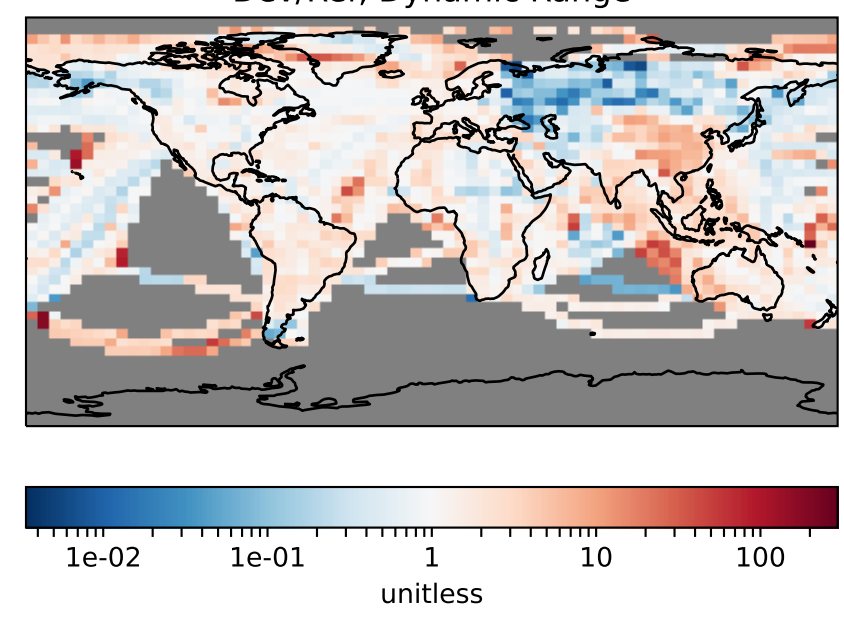
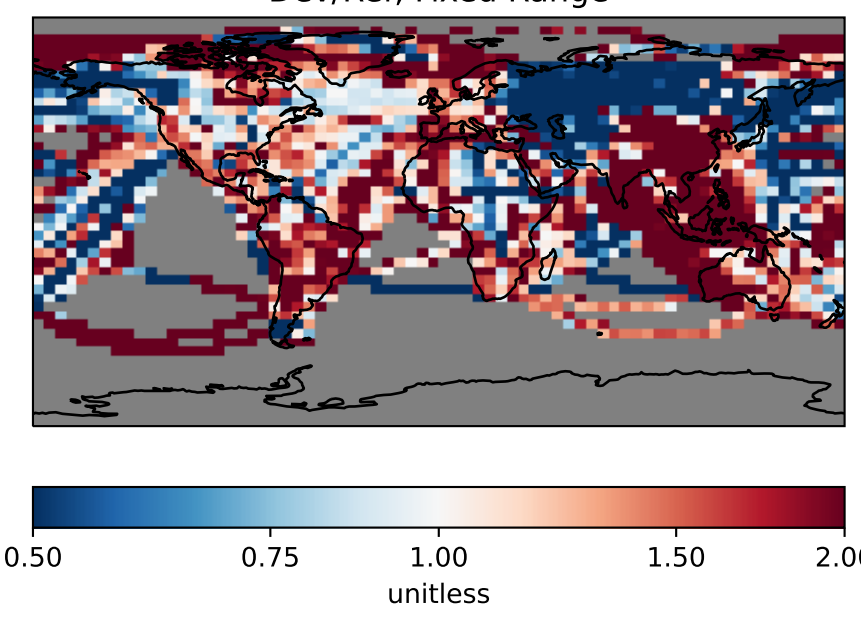
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range